

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\  
 Data File : VW015653.D  
 Acq On : 23 Jun 2020 11:16  
 Operator : SY/VA  
 Sample : VSTDIC010  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2020 10:58:10 AM

Quant Time: Jun 23 12:51:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W062320S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 23 12:41:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 197411   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 311458   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 279239   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 141152   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 23474    | 11.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 22.58% |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 20800    | 11.27 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 22.54% |      |
| 50) Toluene-d8            | 10.32  | 98  | 80737    | 10.78 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 21.56% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 29514    | 10.87 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 21.74% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 12312  | 10.986 | ug/l   | 87     |
| 3) Chloromethane              | 2.21 | 50  | 15414  | 11.304 | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.36 | 62  | 25077  | 11.714 | ug/l   | 96     |
| 5) Bromomethane               | 2.79 | 94  | 18619  | 12.365 | ug/l   | 99     |
| 6) Chloroethane               | 2.93 | 64  | 16434  | 11.856 | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 17412  | 10.829 | ug/l   | 99     |
| 8) Diethyl Ether              | 3.69 | 74  | 10423  | 11.009 | ug/l   | 85     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 21939  | 11.364 | ug/l   | 98     |
| 10) Methyl Iodide             | 4.27 | 142 | 29005  | 10.272 | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.22 | 59  | 7552   | 48.021 | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 21135  | 11.038 | ug/l   | 97     |
| 13) Acrolein                  | 3.90 | 56  | 7860   | 60.843 | ug/l   | 98     |
| 14) Allyl chloride            | 4.67 | 41  | 32371  | 10.075 | ug/l   | 99     |
| 15) Acrylonitrile             | 5.38 | 53  | 20799  | 54.106 | ug/l   | 99     |
| 16) Acetone                   | 4.15 | 43  | 20994  | 49.926 | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.38 | 76  | 56941  | 9.973  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.68 | 43  | 9944   | 10.903 | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.44 | 73  | 30942  | 10.691 | ug/l   | 98     |
| 20) Methylene Chloride        | 4.92 | 84  | 27279  | 12.526 | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 23583  | 10.948 | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.32 | 45  | 65518  | 10.746 | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.26 | 43  | 183856 | 51.412 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 41611  | 10.824 | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 28894  | 53.409 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 29475  | 10.927 | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 7.18 | 96  | 24726  | 10.556 | ug/l   | 95     |
| 28) Bromochloromethane        | 7.52 | 49  | 15860  | 11.005 | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 16740  | 51.858 | ug/l   | 99     |
| 30) Chloroform                | 7.68 | 83  | 42864  | 11.045 | ug/l   | 97     |
| 31) Cyclohexane               | 7.96 | 56  | 41338  | 10.899 | ug/l # | 92     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 36723  | 10.914 | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 34902  | 10.945 | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 12500  | 10.402 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 32951  | 10.609 | ug/l   | 93     |

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 Operator : SY/VA  
 Sample : VSTDIC010  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Manual Integrations  
 APPROVED

MMDadoda  
 6/24/2020 10:58:10 AM

Quant Time: Jun 23 12:51:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W062320S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 23 12:41:55 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 40758    | 10.371  | ug/l   | 97       |
| 40) Benzene                    | 8.33  | 78   | 94624    | 11.035  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 7300     | 10.729  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 29040    | 11.155  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 25702    | 10.780  | ug/l   | 99       |
| 44) Trichloroethene            | 9.10  | 130  | 25154    | 10.953  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 22687    | 10.896  | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 11898    | 11.266  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.65  | 83   | 29860    | 10.428  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 11278    | 10.320  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 3240     | 232.947 | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 61770    | 54.499  | ug/l   | 98       |
| 52) Toluene                    | 10.39 | 92   | 59795    | 10.800  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 27764    | 9.916   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 34289    | 10.311  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 16371    | 11.108  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 18292    | 9.617   | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 29159    | 11.166  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 48705    | 53.554  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 40842    | 52.419  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.13 | 129  | 17902    | 9.984   | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 15230    | 10.812  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 21153    | 11.110  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.66 | 112  | 63026    | 10.992  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 21918    | 10.720  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.73 | 91   | 116572   | 10.796  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 88053    | 21.841  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 39465    | 10.545  | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 66690    | 10.433  | ug/l   | 98       |
| 71) Bromoform                  | 12.35 | 173  | 9318     | 9.647   | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.47 | 105  | 111684   | 10.323  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.27 | 43   | 22891    | 10.079  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 18442    | 11.224  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 13682m   | 11.514  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 25090    | 10.745  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.80 | 91   | 134628   | 10.387  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 77150    | 10.544  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 96413    | 10.548  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 4694     | 8.743   | ug/l   | 89       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 81927    | 10.802  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 84546    | 10.887  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 96981    | 10.638  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 118010   | 10.698  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 107311   | 10.664  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 51300    | 11.051  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 51956    | 11.328  | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.82 | 91   | 100488   | 10.366  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.10 | 117  | 18338    | 9.945   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 44476    | 11.031  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 2873     | 10.251  | ug/l   | 92       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062320\  
Data File : VW015653.D  
Acq On : 23 Jun 2020 11:16  
Operator : SY/VA  
Sample : VSTDICC010  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC010

Manual Integrations  
APPROVED

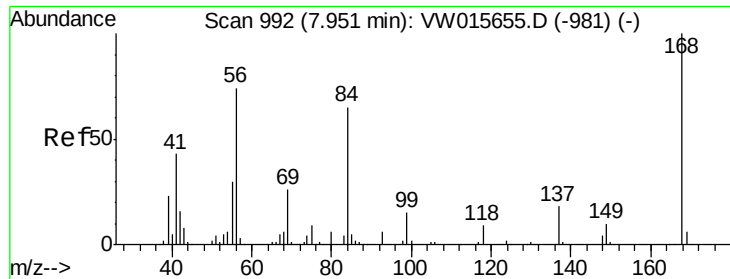
MMDadoda  
6/24/2020 10:58:10 AM

Quant Time: Jun 23 12:51:59 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W062320S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 23 12:41:55 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 27658    | 9.958  | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 18800    | 10.992 | ug/l  | 99       |
| 95) Naphthalene            | 15.37 | 128  | 44266    | 9.578  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 24764    | 10.655 | 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: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 197411

Ion Ratio Lower Upper

168 100

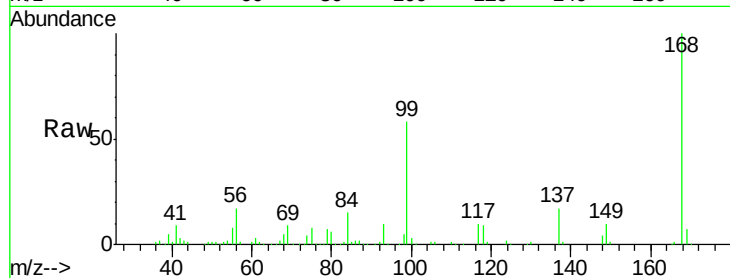
99 57.6 48.6 73.0

Manual Integrations

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6/24/2020 10:58:10 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

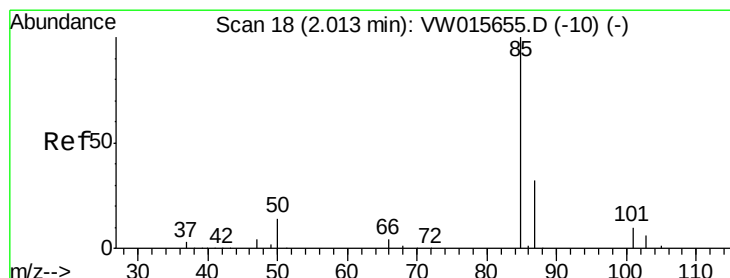
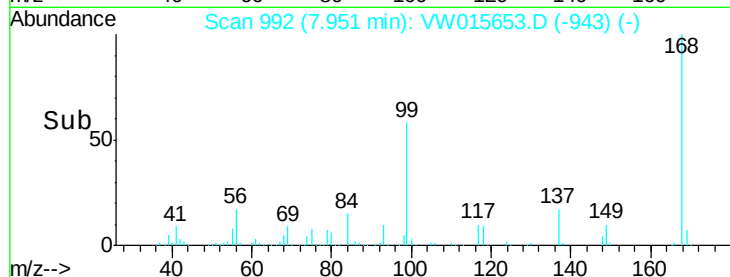
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 10.986 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015653.D

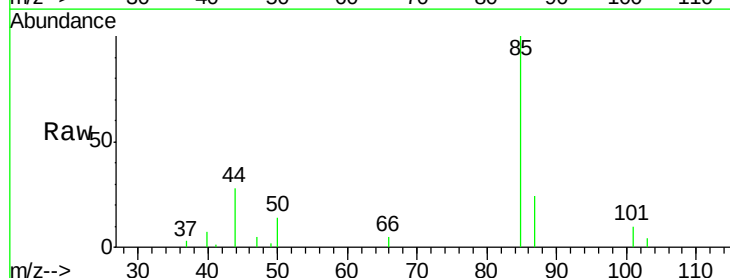
Acq: 23 Jun 2020 11:16

Tgt Ion: 85 Resp: 12312

Ion Ratio Lower Upper

85 100

87 24.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

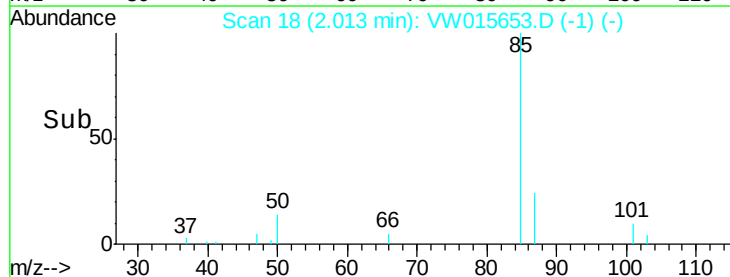
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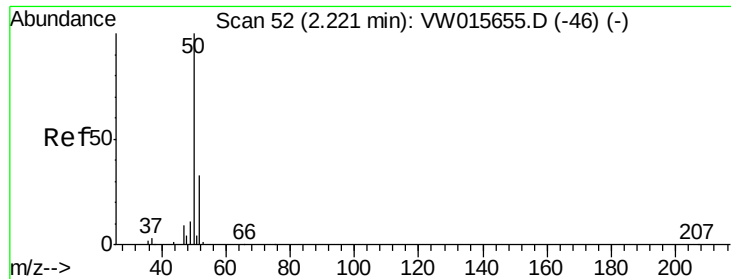
2000

1000

0

Time-->





#3

Chloromethane

Concen: 11.304 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 50 Resp: 15414

Ion Ratio Lower Upper

50 100

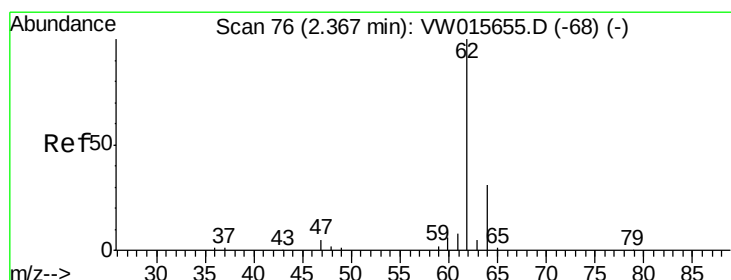
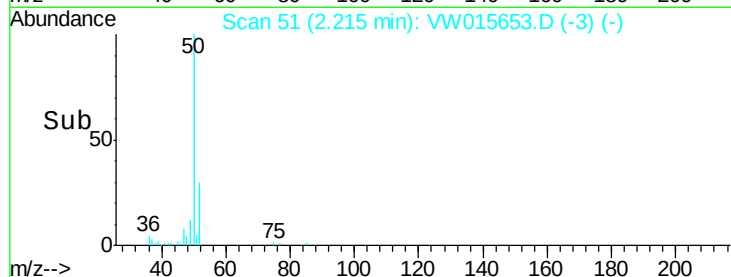
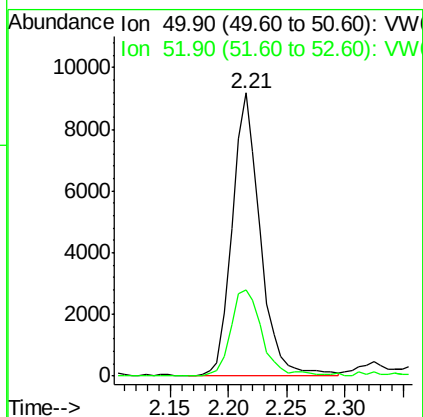
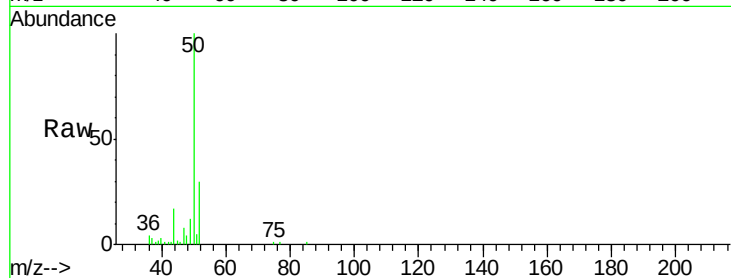
52 30.3 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/24/2020 10:58:10 AM



#4

Vinyl Chloride

Concen: 11.714 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015653.D

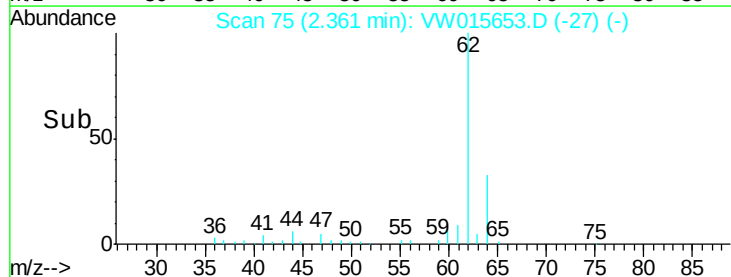
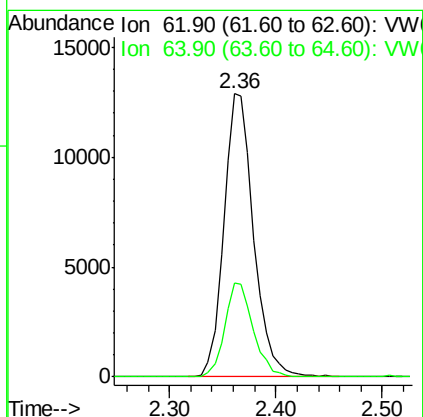
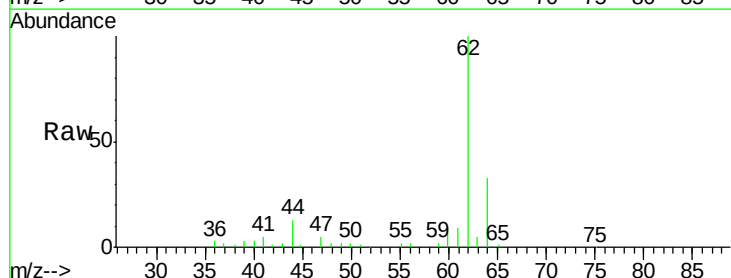
Acq: 23 Jun 2020 11:16

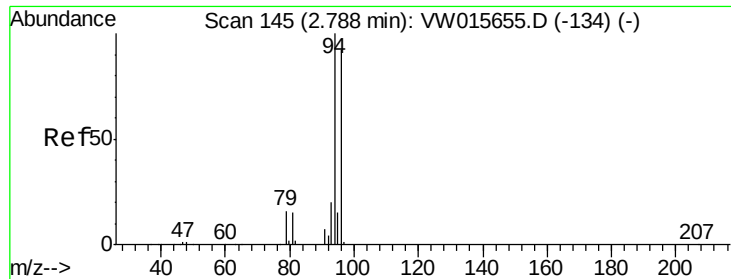
Tgt Ion: 62 Resp: 25077

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#5

Bromomethane

Concen: 12.365 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 18619

Ion Ratio Lower Upper

94 100

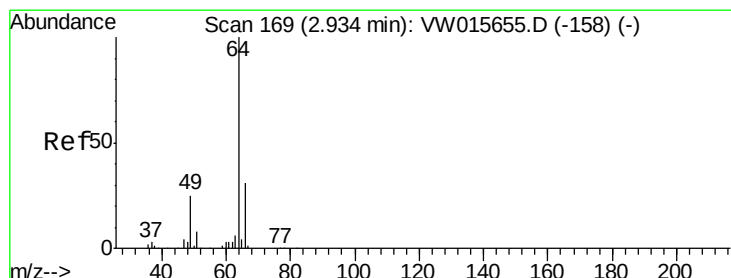
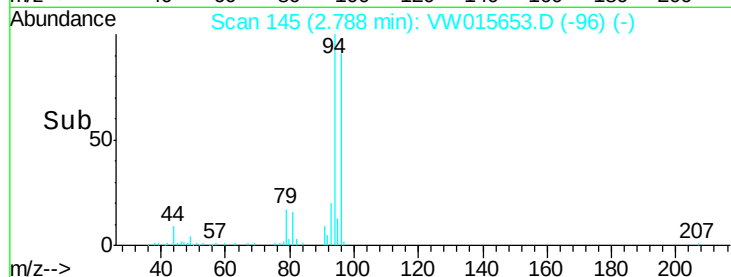
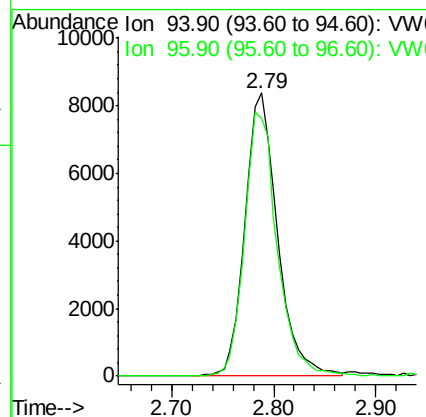
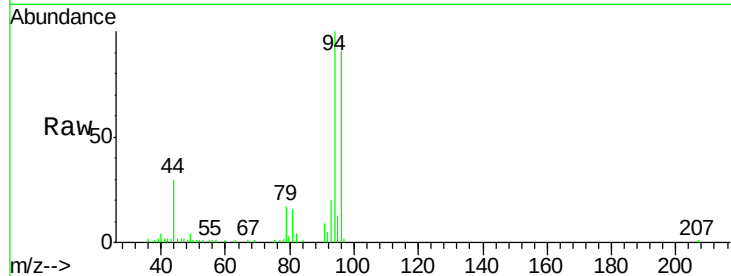
96 90.9 73.8 110.6

Manual Integrations

APPROVED

MMDadoda

6/24/2020 10:58:10 AM



#6

Chloroethane

Concen: 11.856 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015653.D

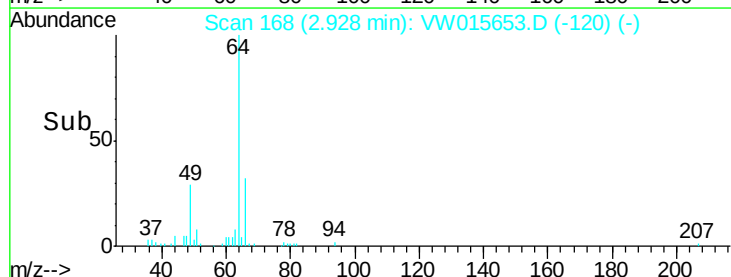
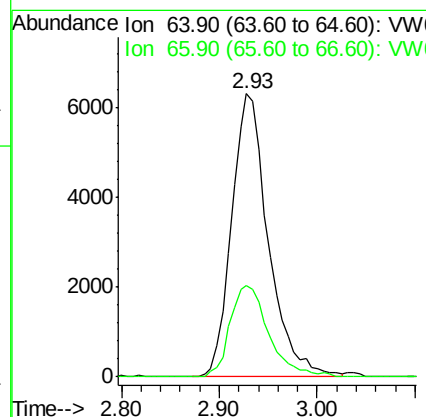
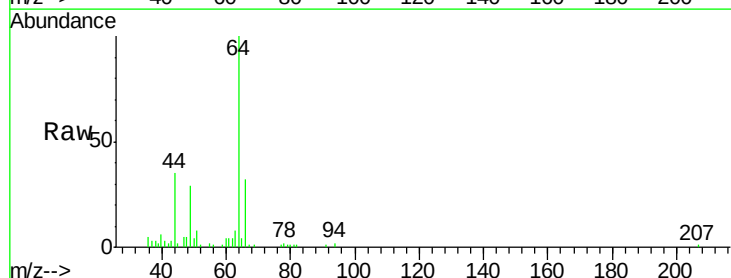
Acq: 23 Jun 2020 11:16

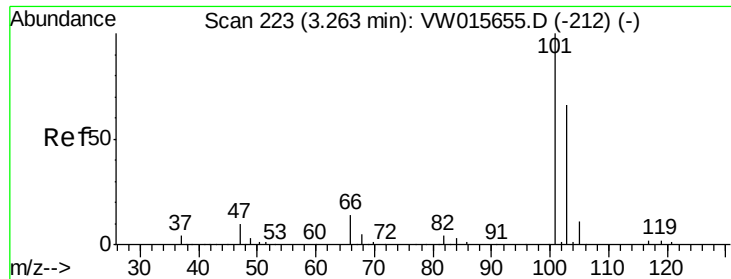
Tgt Ion: 64 Resp: 16434

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9





#7

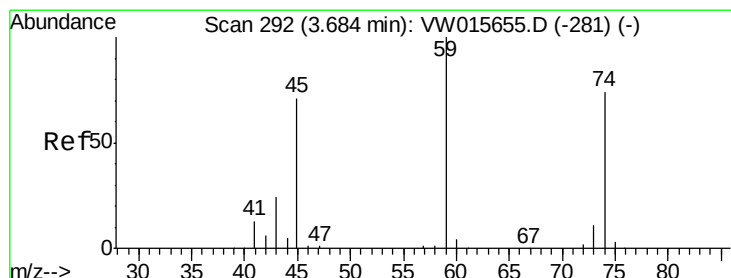
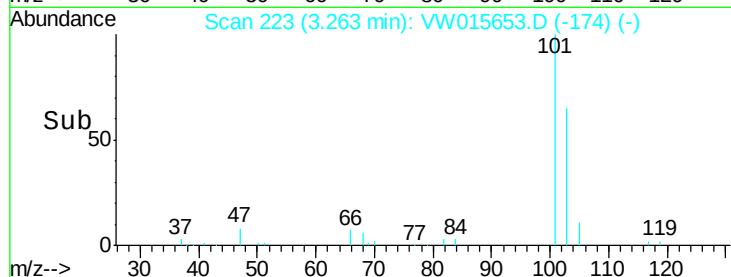
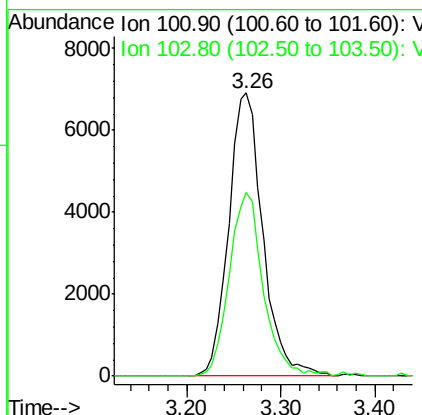
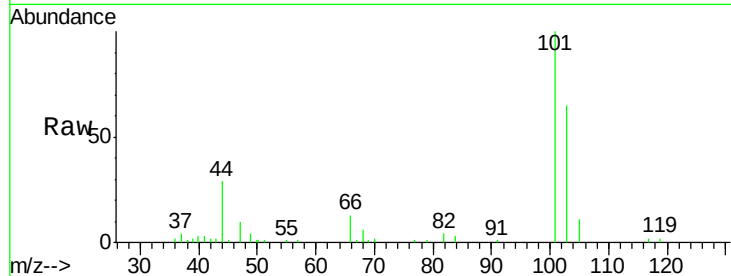
Trichlorofluoromethane  
Concen: 10.829 ug/l  
RT: 3.26 min Scan# 223  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.7  | 52.6  | 78.8  |

Manual Integrations  
APPROVED

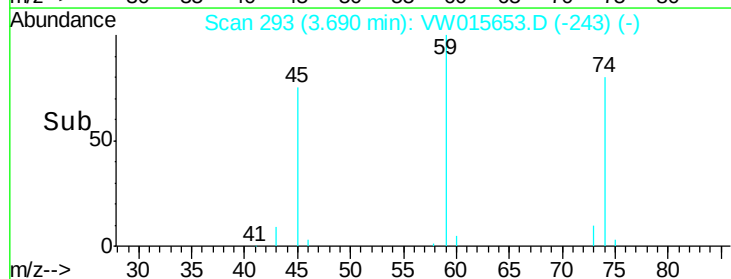
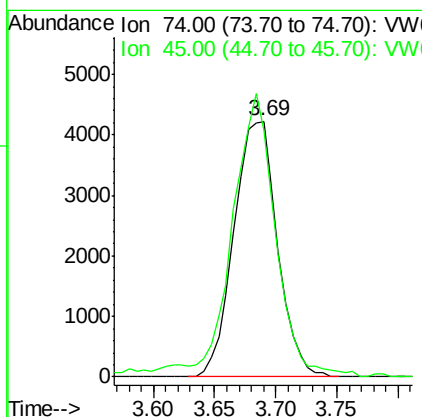
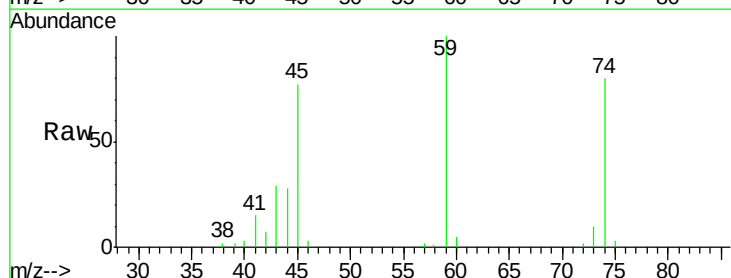
MMDadoda  
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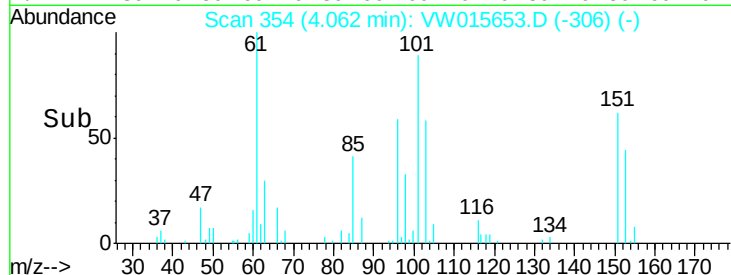
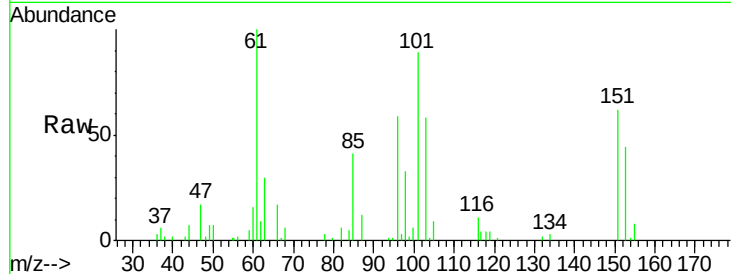
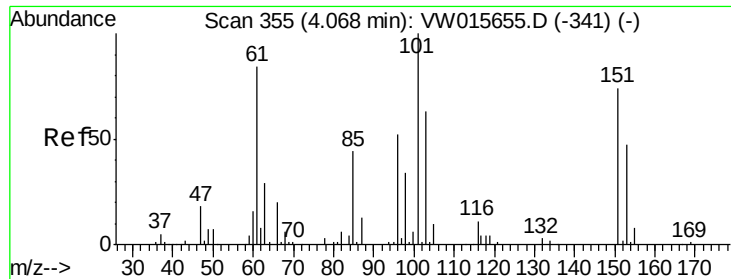
#8

Diethyl Ether  
Concen: 11.009 ug/l  
RT: 3.69 min Scan# 293  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 111.5 | 48.2  | 144.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.364 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015653.D

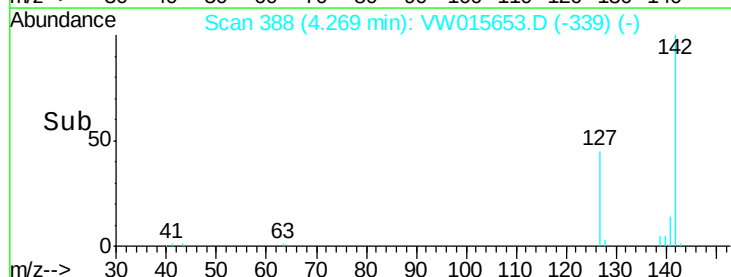
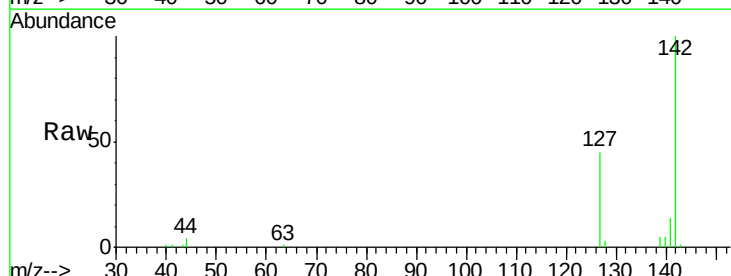
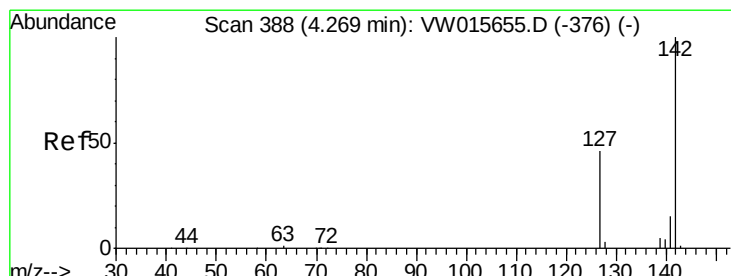
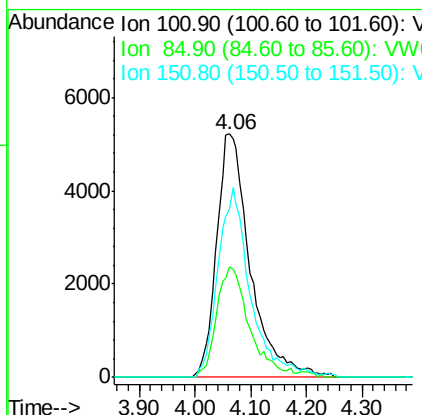
Acq: 23 Jun 2020 11:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 21939 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.2  | 36.6  | 55.0  |
| 151       | 74.6  | 60.4  | 90.6  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

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#10

Methyl Iodide

Concen: 10.272 ug/l

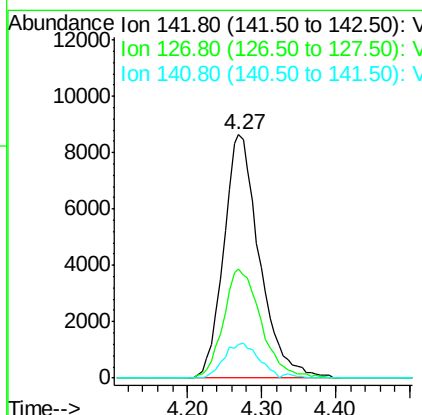
RT: 4.27 min Scan# 388

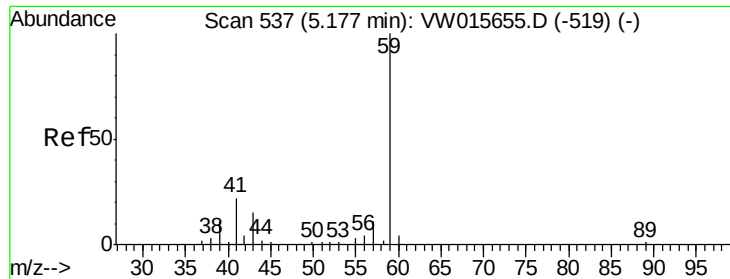
Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 29005 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.9  | 36.4  | 54.6  |
| 141       | 13.6  | 11.6  | 17.4  |





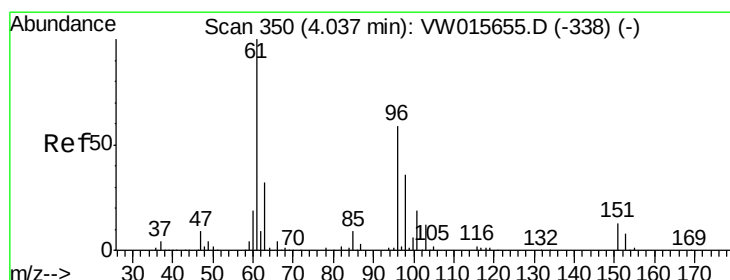
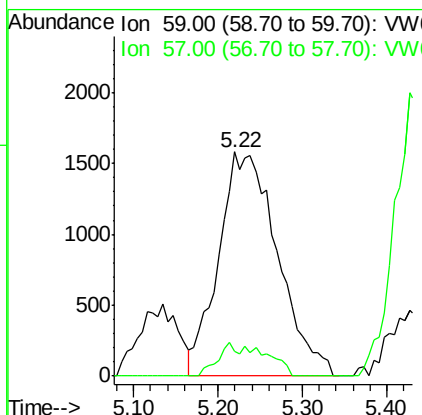
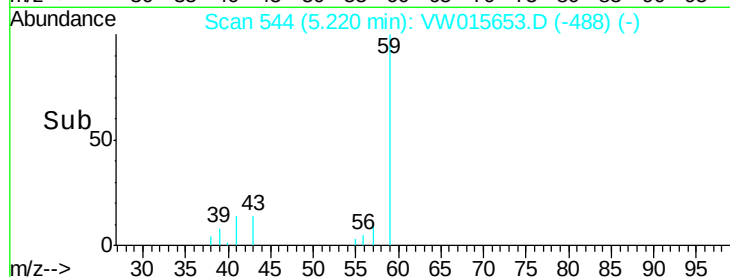
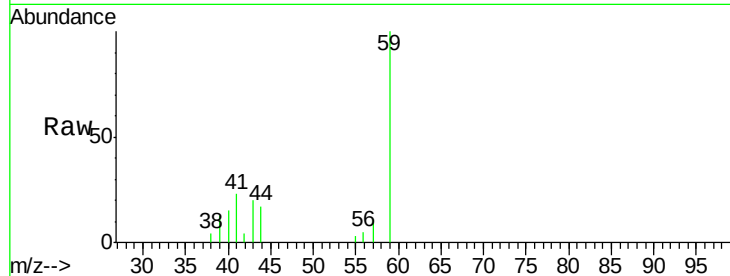
#11  
Tert butyl alcohol  
Concen: 48.021 ug/l  
RT: 5.22 min Scan# 544  
Delta R.T. 0.04 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 59 Resp: 7552  
Ion Ratio Lower Upper  
59 100  
57 5.3 8.4 12.6#

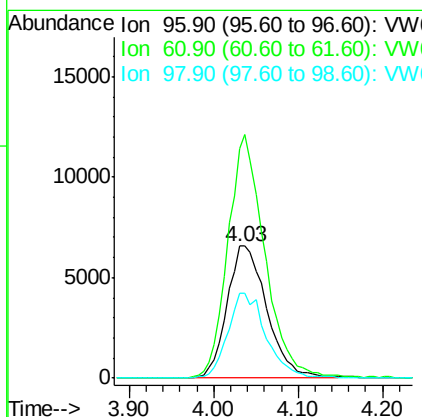
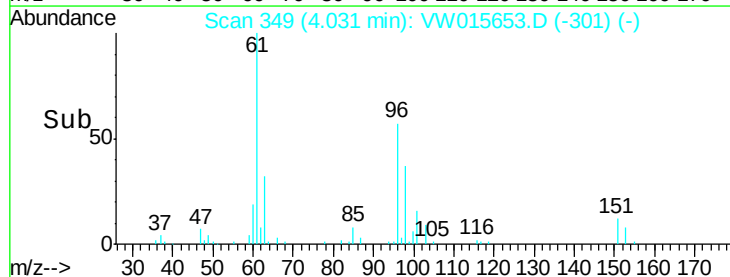
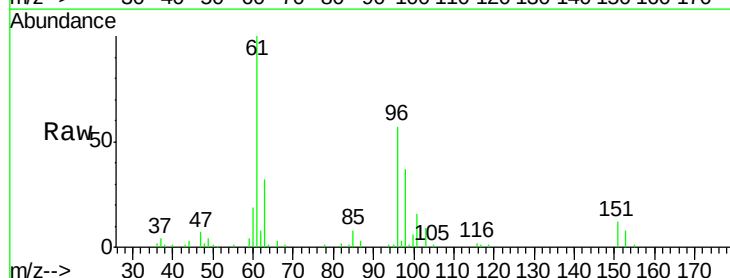
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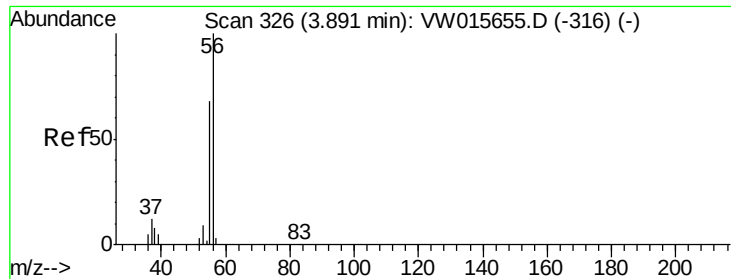
MMDadoda  
6/24/2020 10:58:10 AM



#12  
1,1-Dichloroethene  
Concen: 11.038 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Tgt Ion: 96 Resp: 21135  
Ion Ratio Lower Upper  
96 100  
61 174.1 136.7 205.1  
98 64.2 49.2 73.8





#13

Acrolein

Concen: 60.843 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 7860

Ion Ratio Lower Upper

56 100

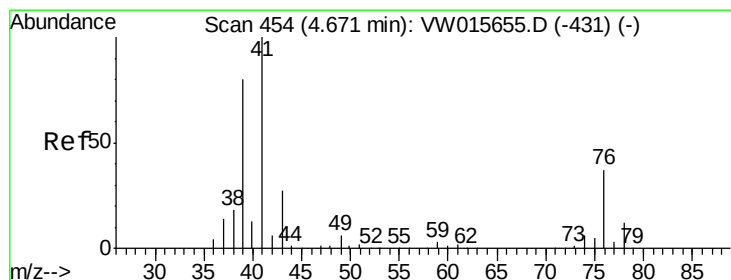
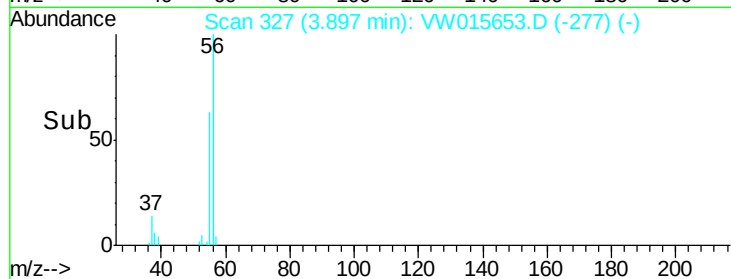
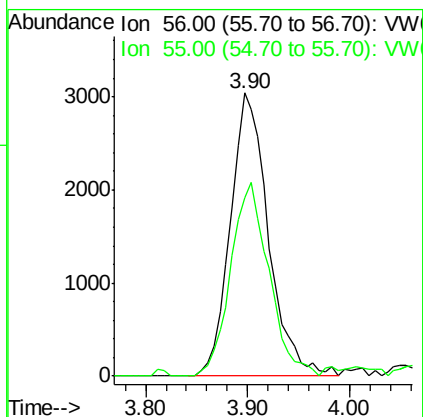
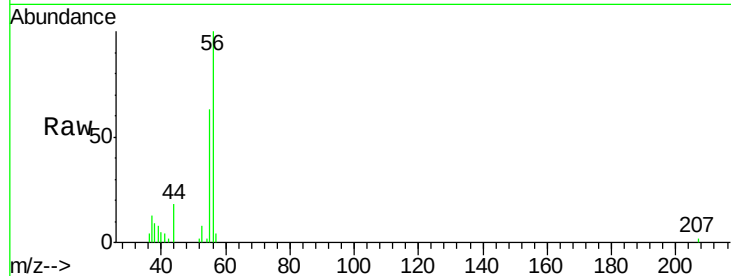
55 68.9 56.2 84.2

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#14

Allyl chloride

Concen: 10.075 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

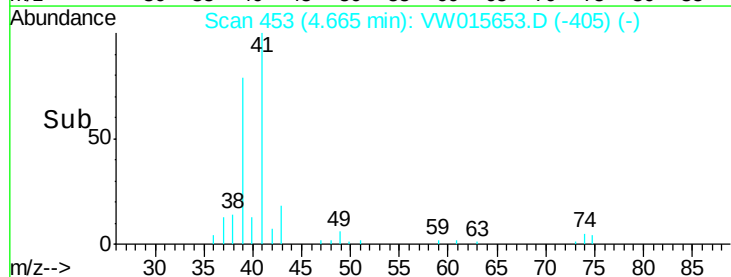
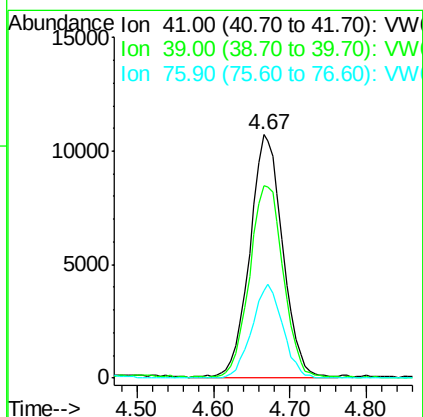
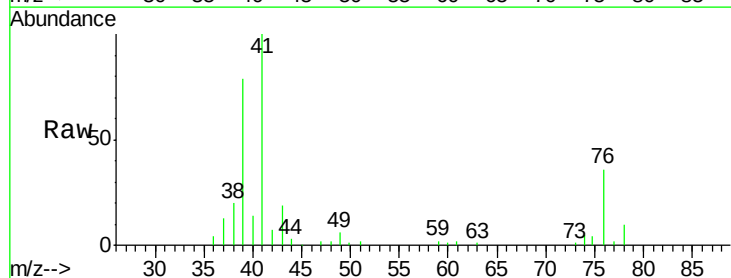
Tgt Ion: 41 Resp: 32371

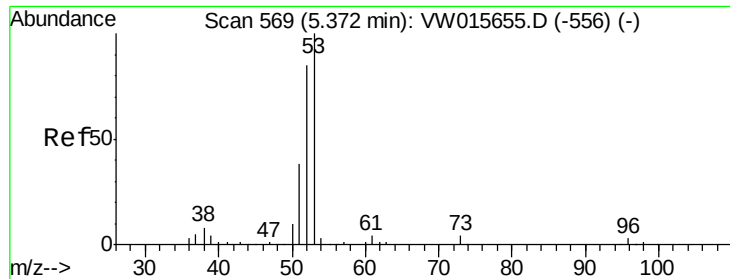
Ion Ratio Lower Upper

41 100

39 81.2 64.6 97.0

76 35.7 29.1 43.7





#15

Acrylonitrile

Concen: 54.106 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

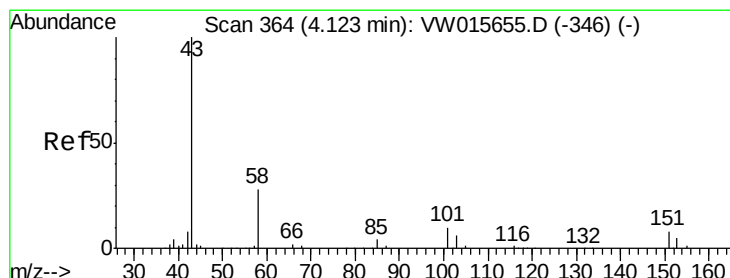
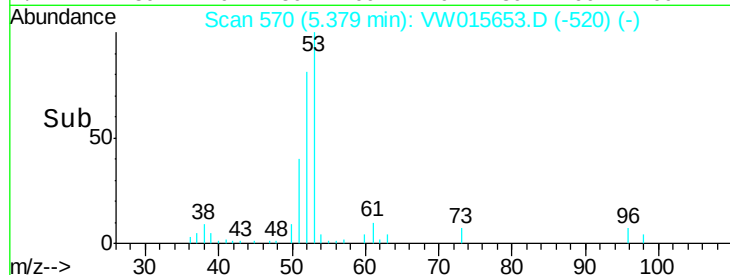
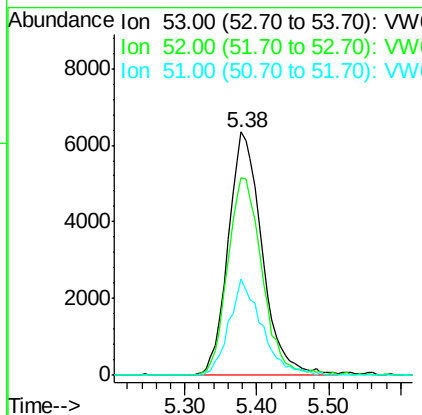
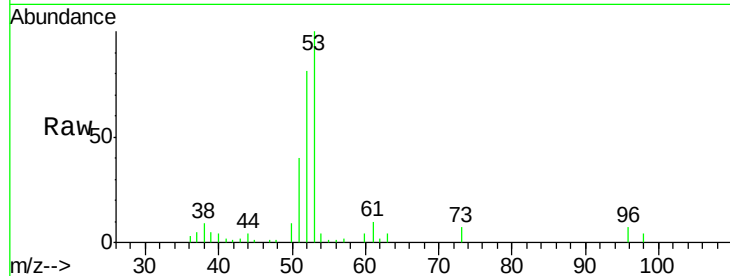
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 20799 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.5  | 65.8  | 98.6  |
| 51       | 38.2  | 30.7  | 46.1  |

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#16

Acetone

Concen: 49.926 ug/l

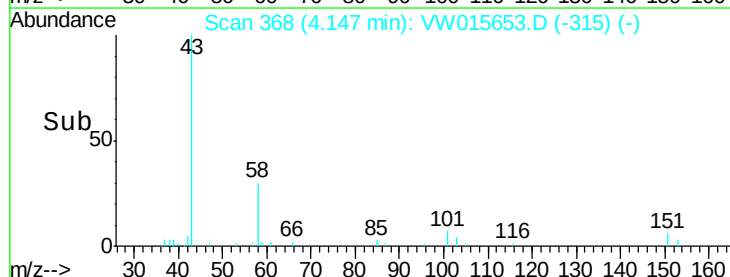
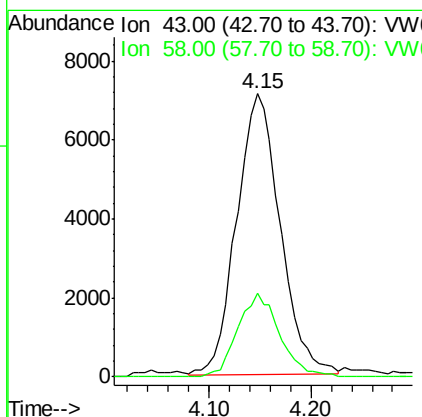
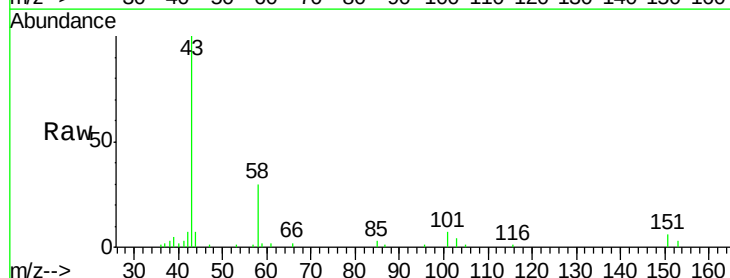
RT: 4.15 min Scan# 368

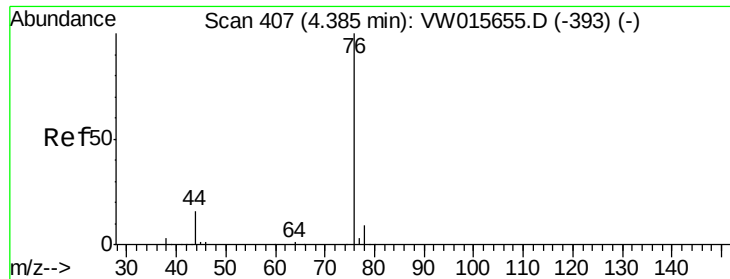
Delta R.T. 0.02 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 20994 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.1  | 22.6  | 33.8  |





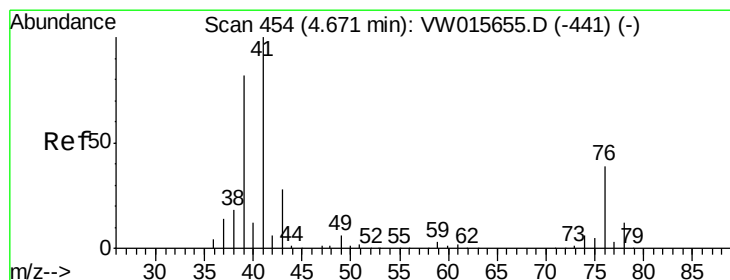
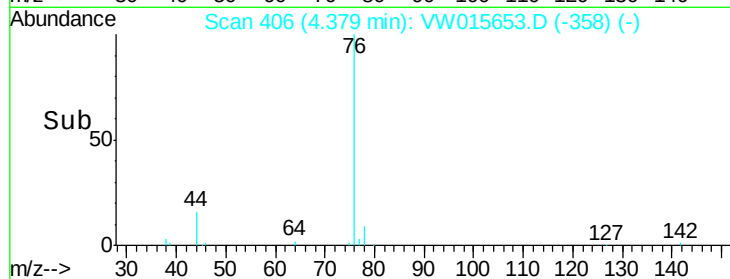
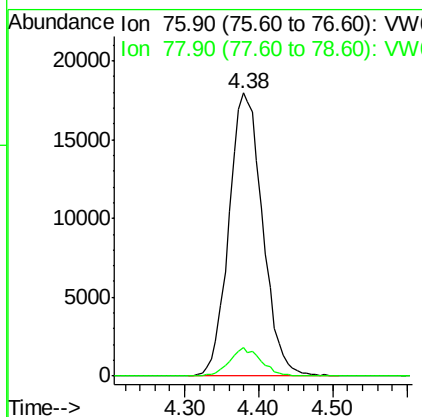
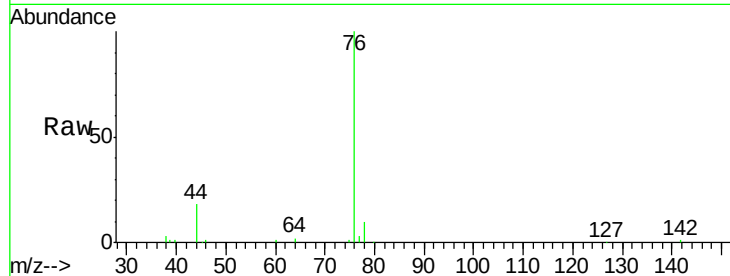
#17  
Carbon Disulfide  
Concen: 9.973 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 10.0  | 7.2   | 10.8  |

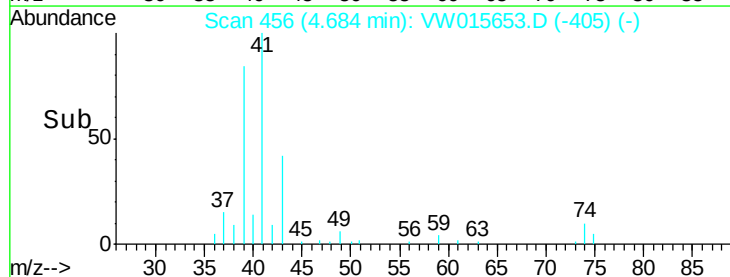
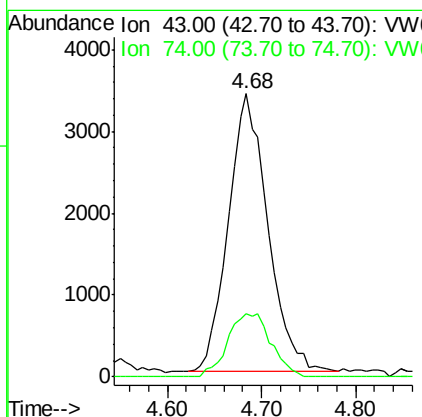
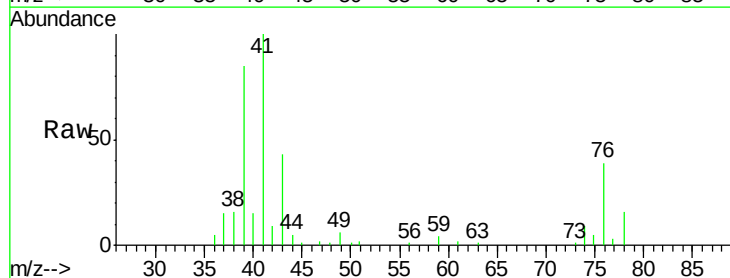
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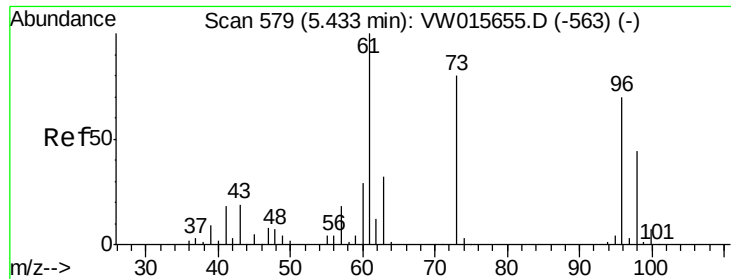
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#18  
Methyl Acetate  
Concen: 10.903 ug/l  
RT: 4.68 min Scan# 456  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.8  | 19.0  | 28.6  |





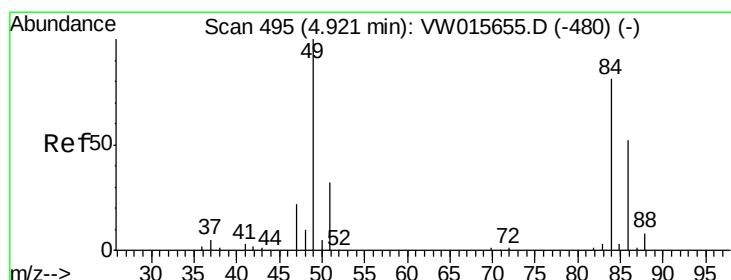
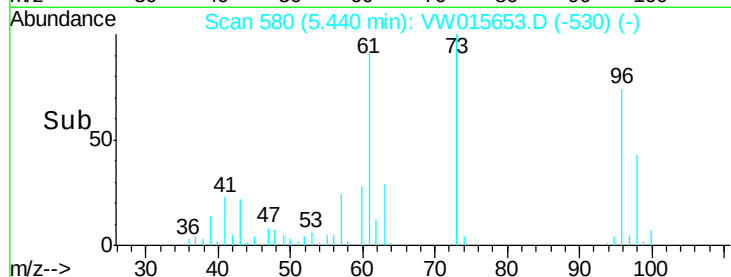
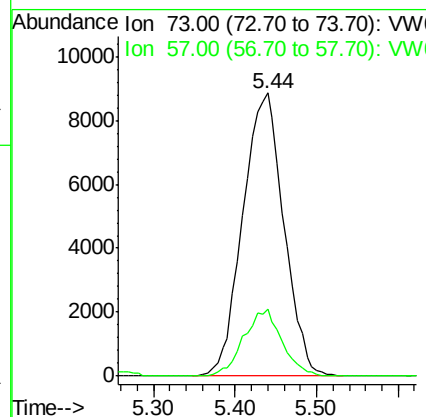
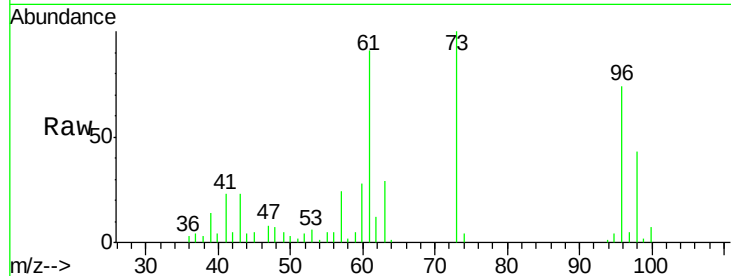
#19  
Methyl tert-butyl Ether  
Concen: 10.691 ug/l  
RT: 5.44 min Scan# 580  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 73 Resp: 30942  
Ion Ratio Lower Upper  
73 100  
57 23.7 18.1 27.1

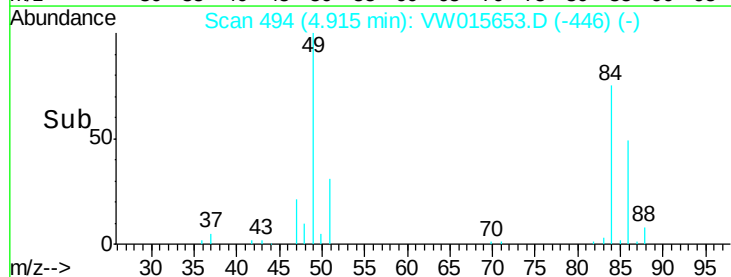
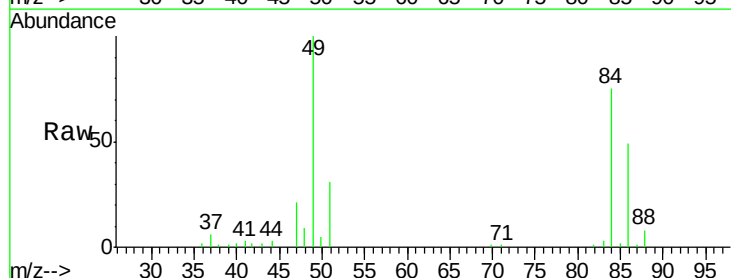
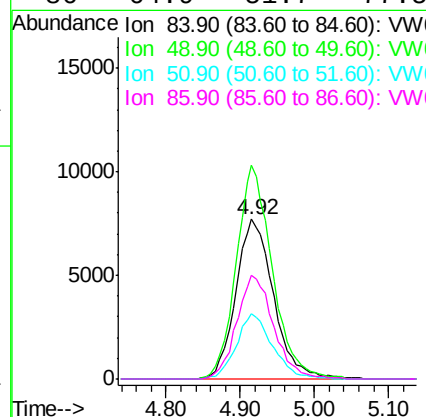
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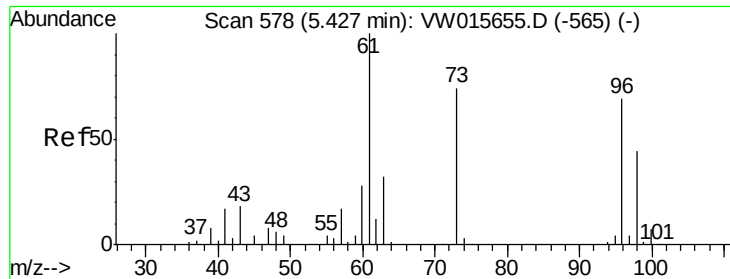
MMDadoda  
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#20  
Methylene Chloride  
Concen: 12.526 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. -0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Tgt Ion: 84 Resp: 27279  
Ion Ratio Lower Upper  
84 100  
49 133.7 99.3 148.9  
51 40.8 31.8 47.6  
86 64.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 10.948 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 96 Resp: 23583

Ion Ratio Lower Upper

96 100

61 141.0 116.2 174.2

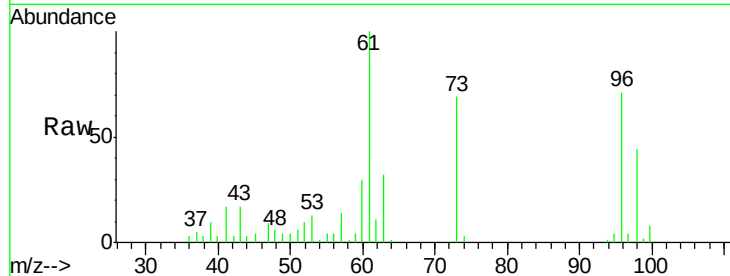
98 62.6 51.4 77.0

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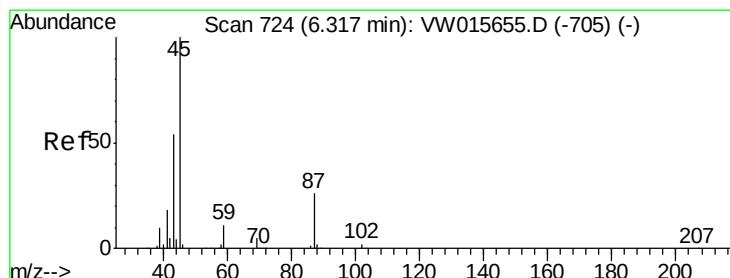
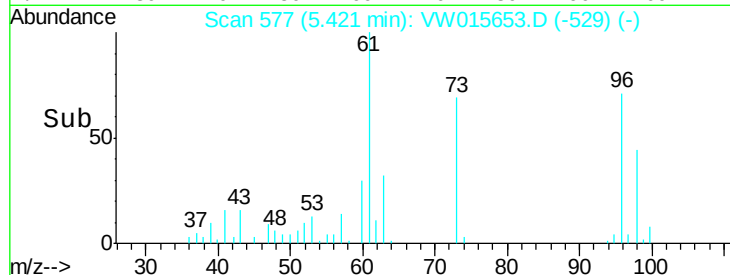
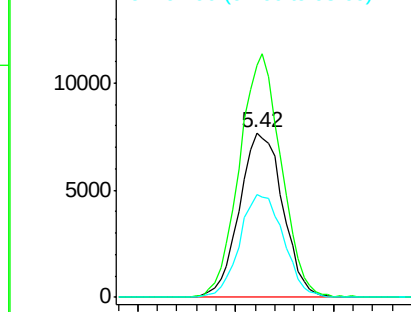


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 10.746 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Tgt Ion: 45 Resp: 65518

Ion Ratio Lower Upper

45 100

43 57.3 43.9 65.9

87 28.2 21.2 31.8

59 11.8 9.2 13.8

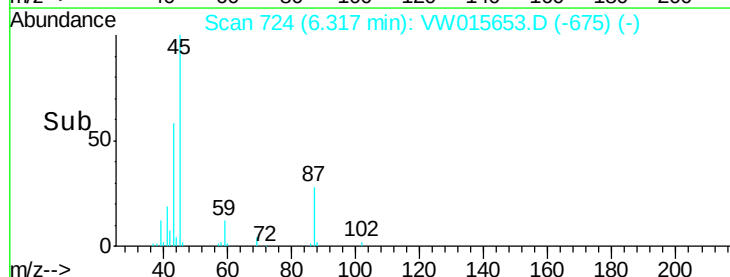
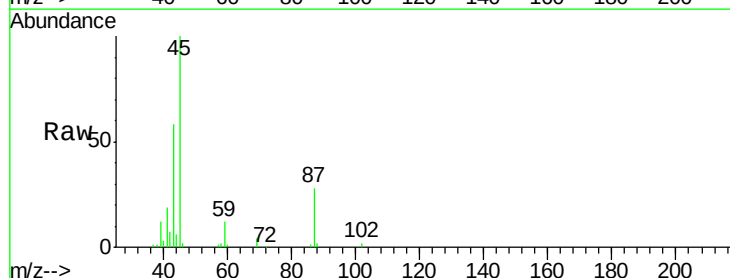
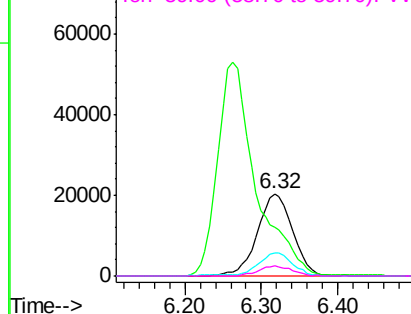
Abundance

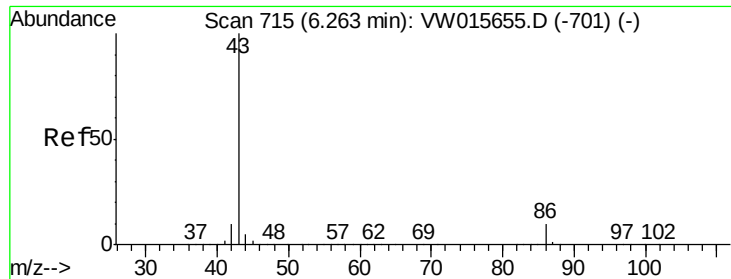
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 51.412 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 183856

Ion Ratio Lower Upper

43 100

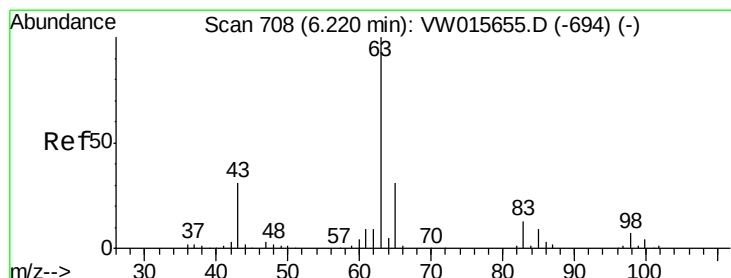
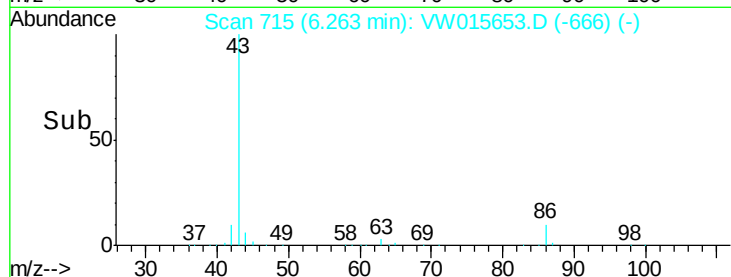
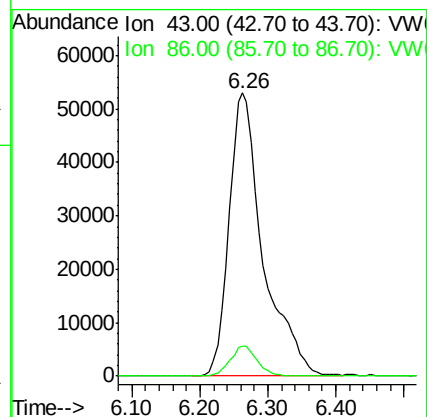
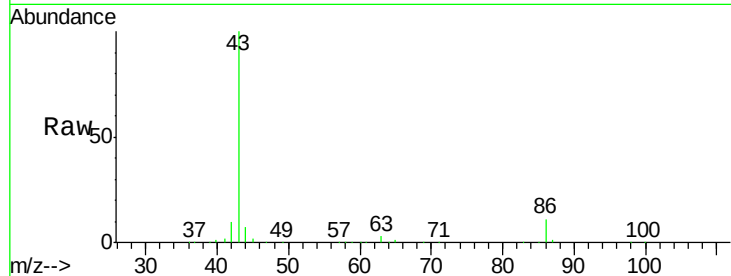
86 10.5 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 10.824 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

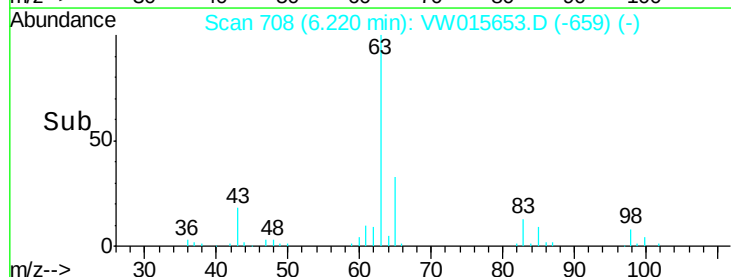
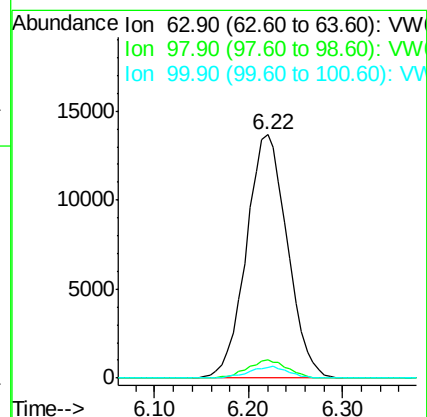
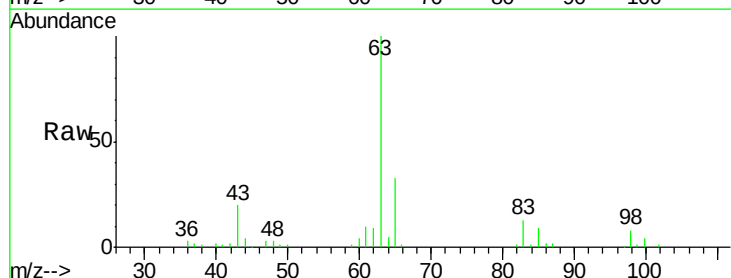
Tgt Ion: 63 Resp: 41611

Ion Ratio Lower Upper

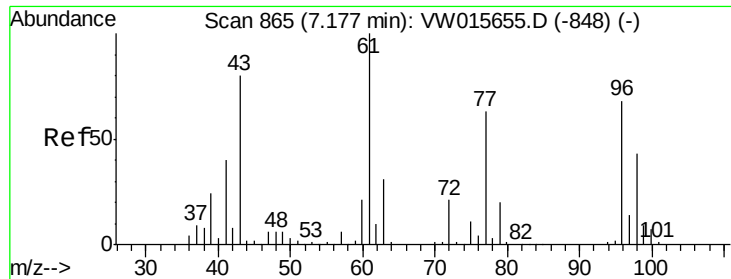
63 100

98 7.8 3.5 10.5

100 4.2 2.1 6.3







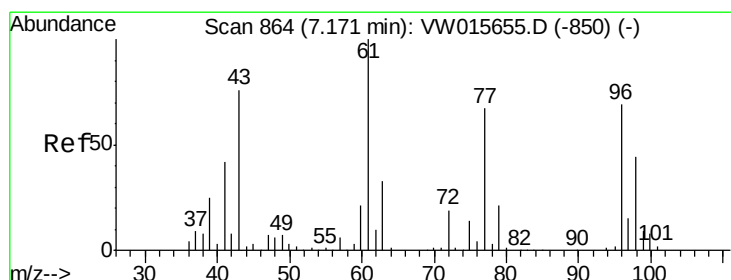
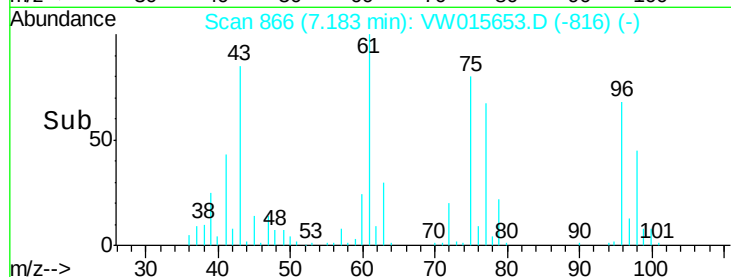
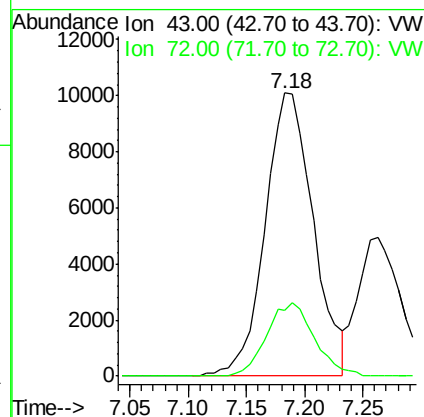
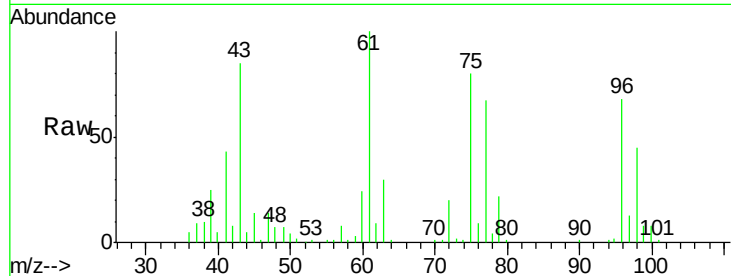
#25  
2-Butanone  
Concen: 53.409 ug/l  
RT: 7.18 min Scan# 866  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 43 Resp: 28894  
Ion Ratio Lower Upper  
43 100  
72 23.3 21.1 31.7

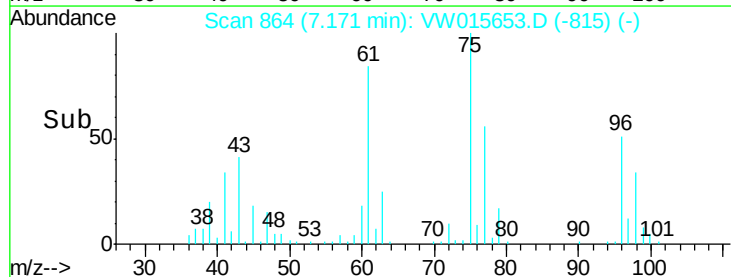
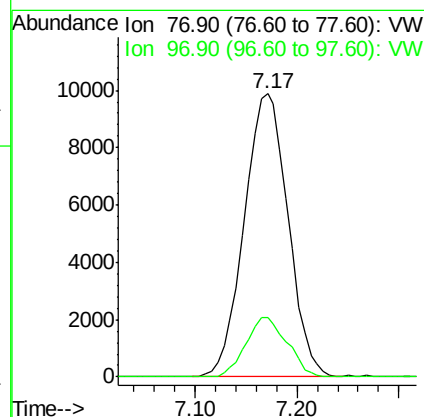
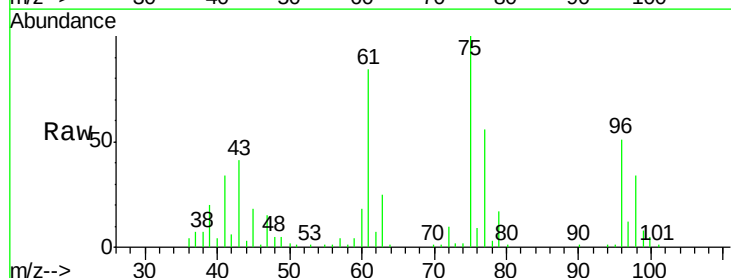
Manual Integrations  
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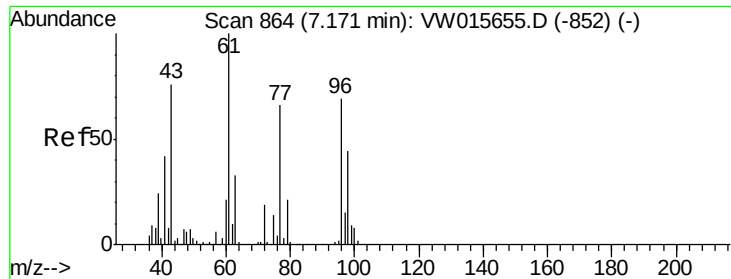
MMDadoda  
6/24/2020 10:58:10 AM



#26  
2,2-Dichloropropane  
Concen: 10.927 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Tgt Ion: 77 Resp: 29475  
Ion Ratio Lower Upper  
77 100  
97 19.9 11.2 33.5





#27

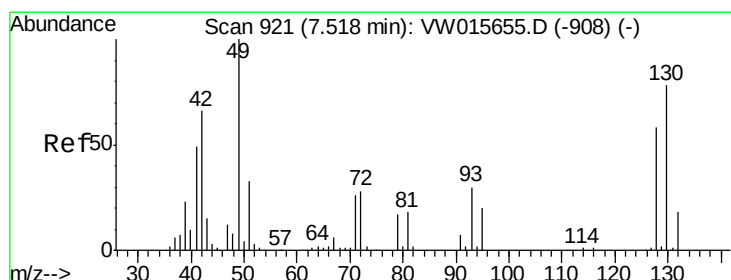
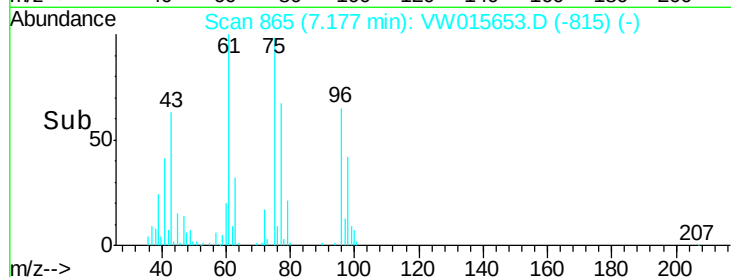
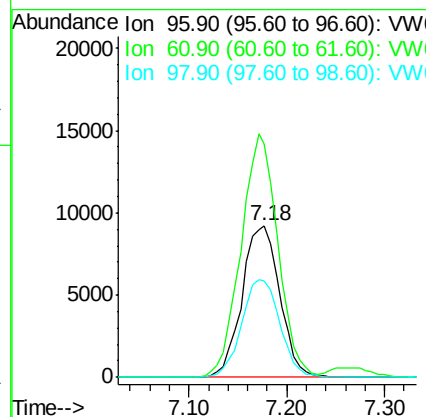
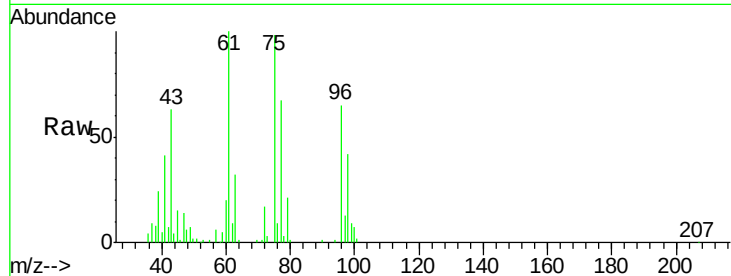
cis-1,2-Dichloroethene  
 Concen: 10.556 ug/l  
 RT: 7.18 min Scan# 865  
 Delta R.T. 0.01 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 156.7 | 0.0   | 296.8 |
| 98      | 65.3  | 0.0   | 128.0 |

Manual Integrations  
 APPROVED

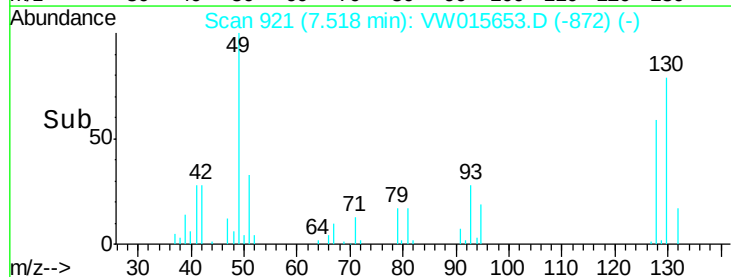
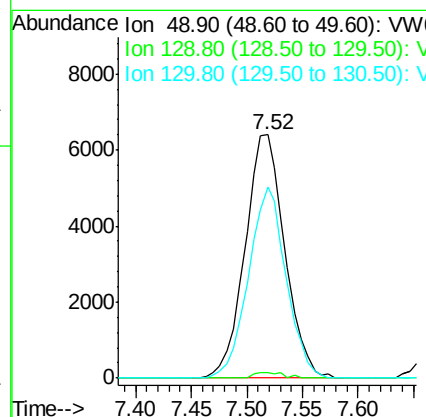
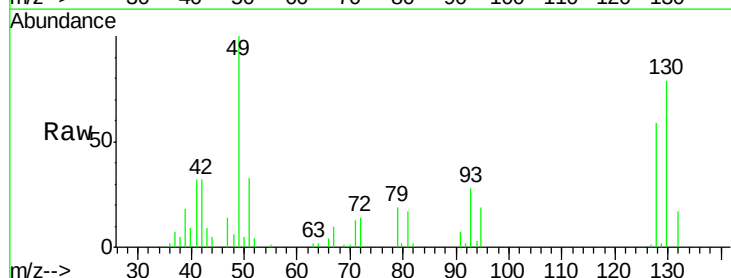
MMDadoda  
 6/24/2020 10:58:10 AM

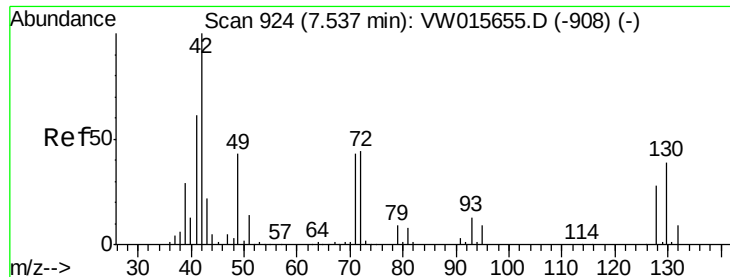


#28

Bromochloromethane  
 Concen: 11.005 ug/l  
 RT: 7.52 min Scan# 921  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.6   | 0.0   | 2.2   |
| 130     | 74.3  | 61.0  | 91.4  |





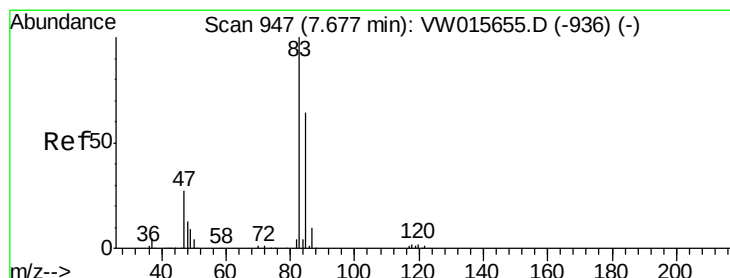
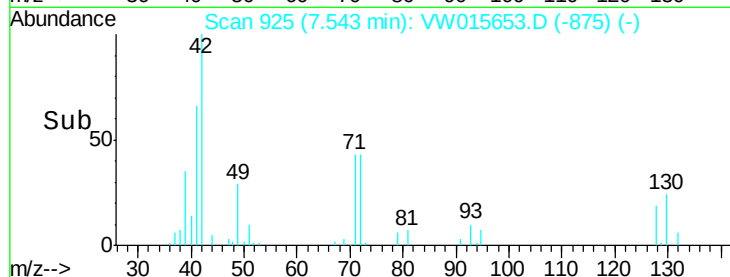
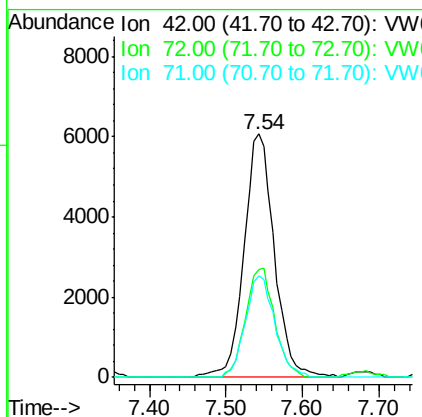
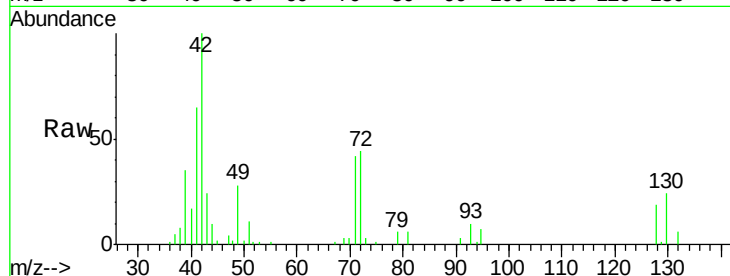
#29  
Tetrahydrofuran  
Concen: 51.858 ug/l  
RT: 7.54 min Scan# 925  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.9  | 35.0  | 52.6  |
| 71      | 40.6  | 32.6  | 49.0  |

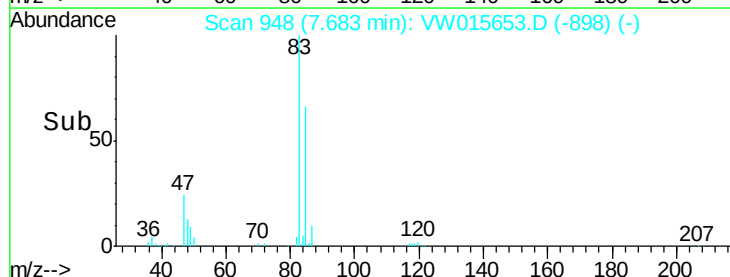
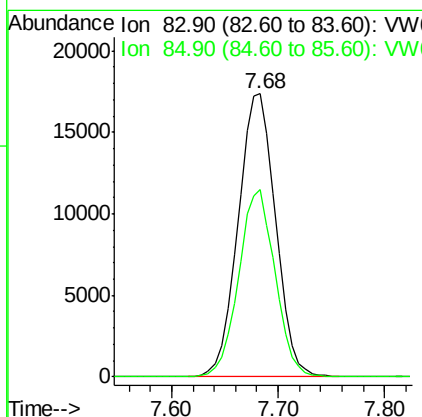
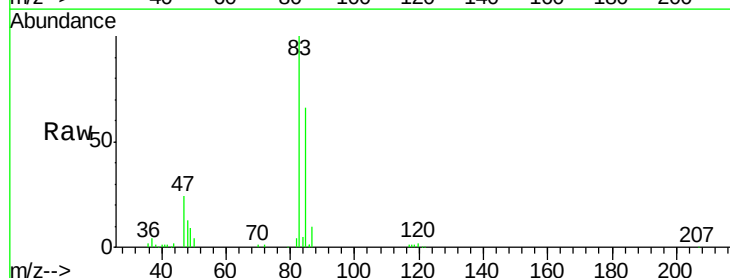
Manual Integrations  
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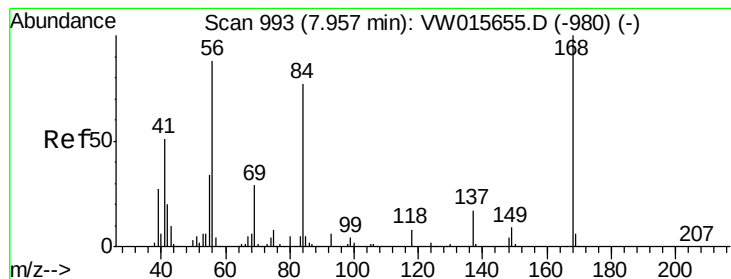
MMDadoda  
6/24/2020 10:58:10 AM



#30  
Chloroform  
Concen: 11.045 ug/l  
RT: 7.68 min Scan# 948  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.0  | 51.0  | 76.4  |





#31

Cyclohexane

Concen: 10.899 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 56 Resp: 41338

Ion Ratio Lower Upper

56 100

69 45.0 26.2 39.4#

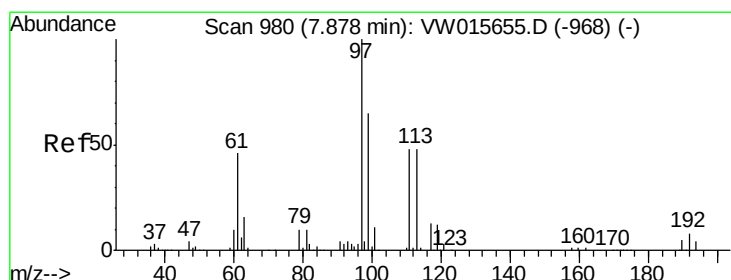
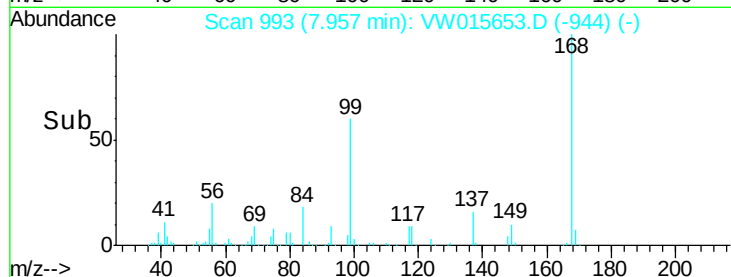
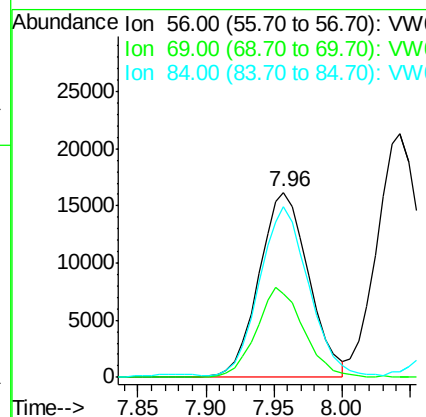
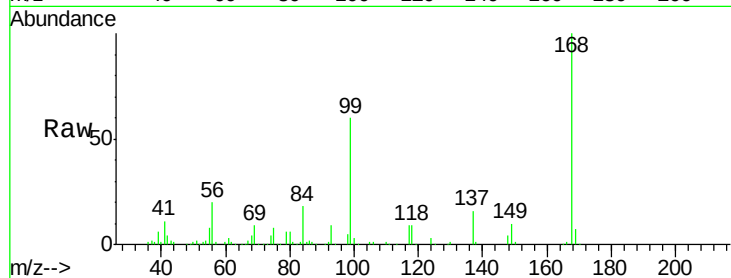
84 90.5 70.4 105.6

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6/24/2020 10:58:10 AM



#32

1,1,1-Trichloroethane

Concen: 10.914 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

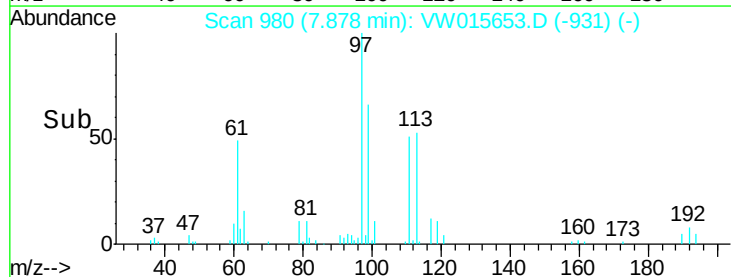
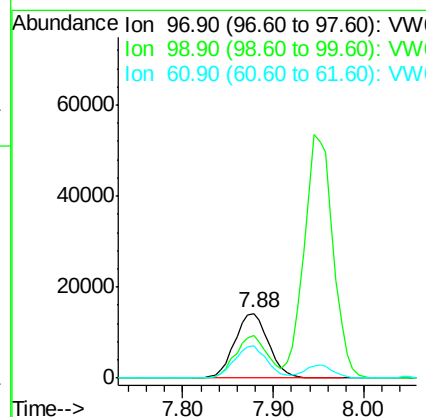
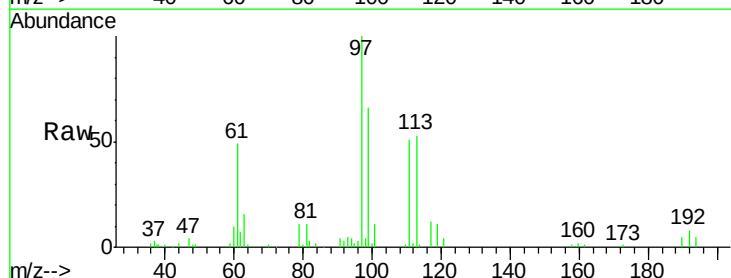
Tgt Ion: 97 Resp: 36723

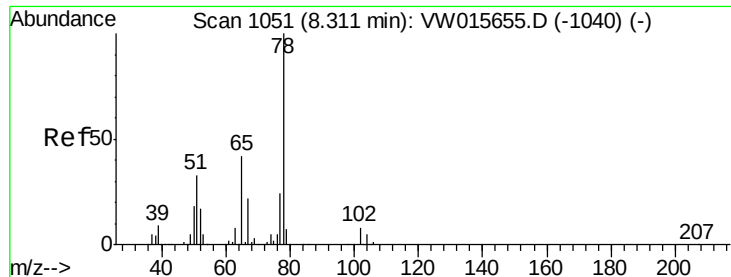
Ion Ratio Lower Upper

97 100

99 62.2 51.9 77.9

61 47.9 37.3 55.9





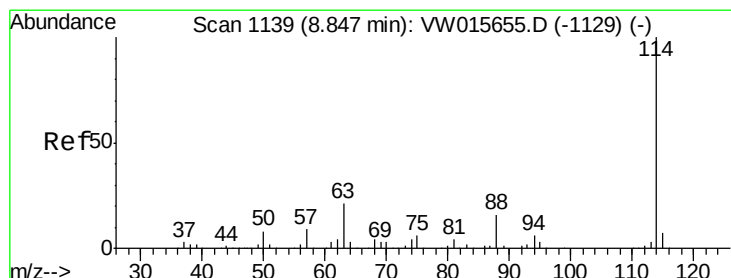
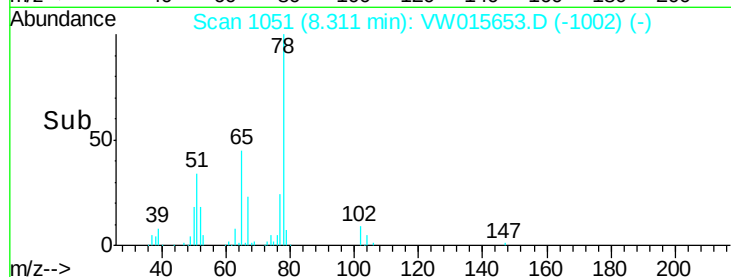
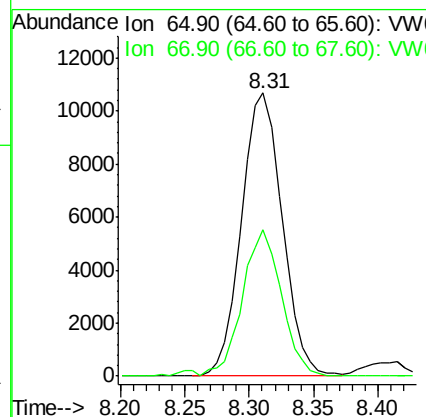
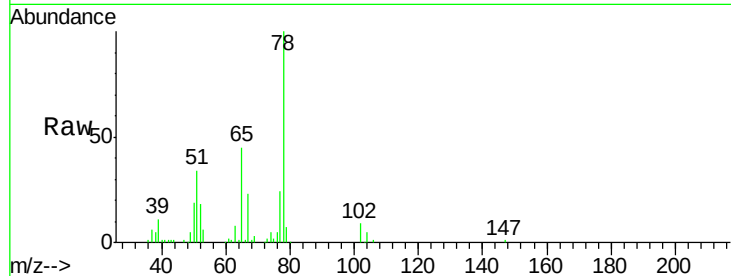
#33  
 1,2-Dichloroethane-d4  
 Concen: 11.294 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 49.3  | 0.0   | 102.2 |

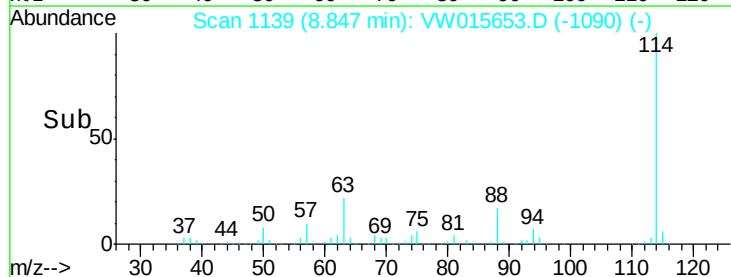
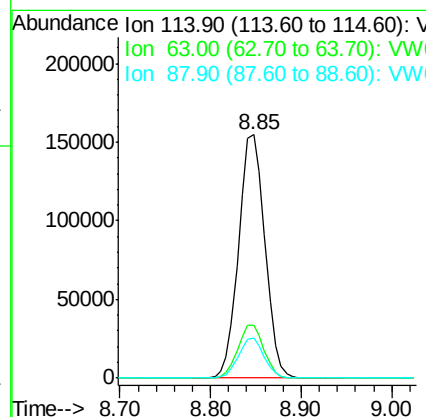
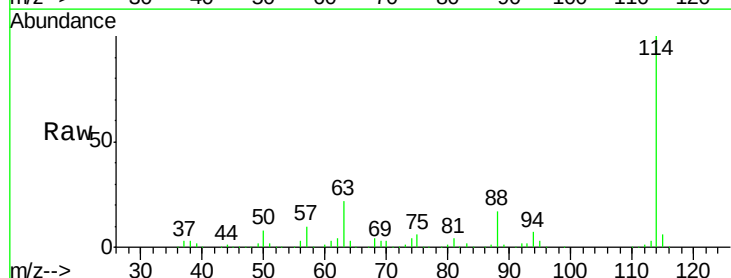
Manual Integrations  
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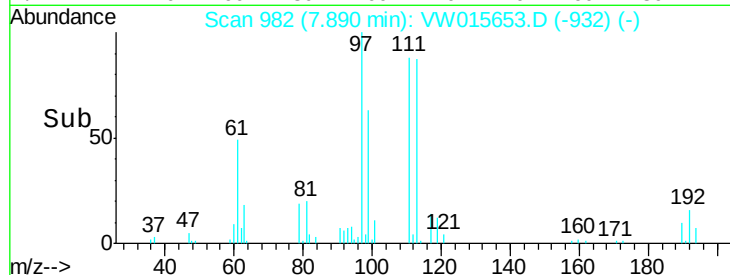
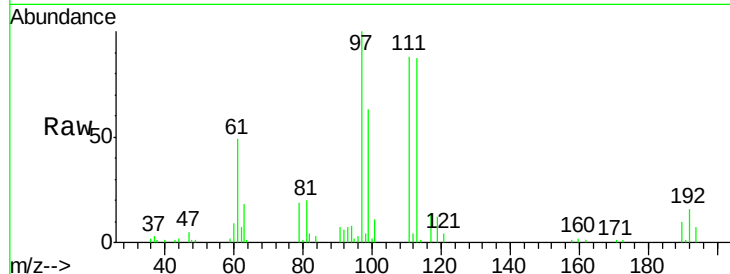
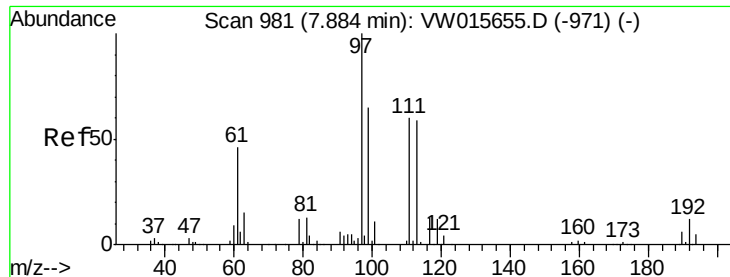
MMDadoda  
 6/24/2020 10:58:10 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.6  | 0.0   | 42.4  |
| 88      | 16.7  | 0.0   | 32.6  |





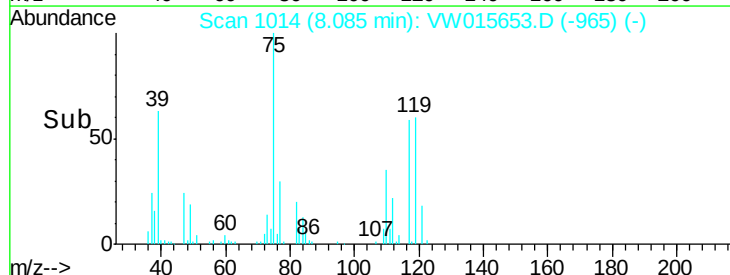
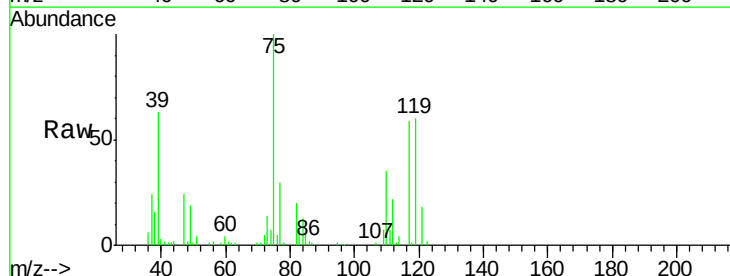
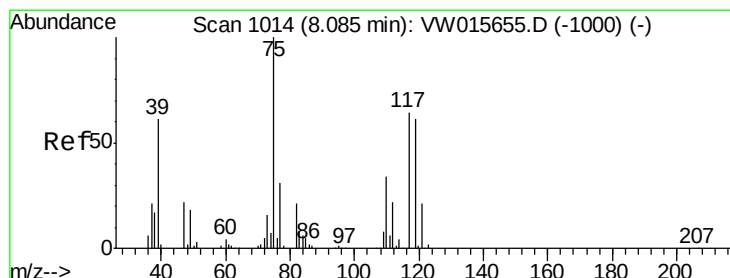
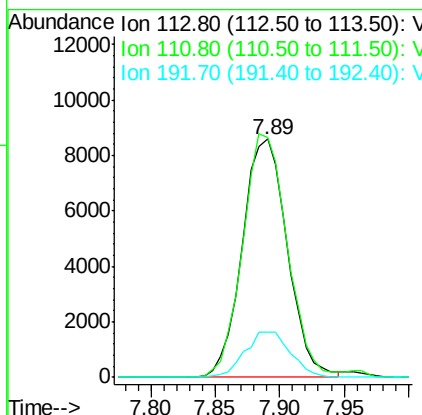
#35  
Dibromofluoromethane  
Concen: 11.269 ug/l  
RT: 7.89 min Scan# 982  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tot Ion | 113   | Resp  | 20800 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 113     | 100   |       |       |
| 111     | 101.3 | 82.3  | 123.5 |
| 192     | 19.4  | 16.4  | 24.6  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

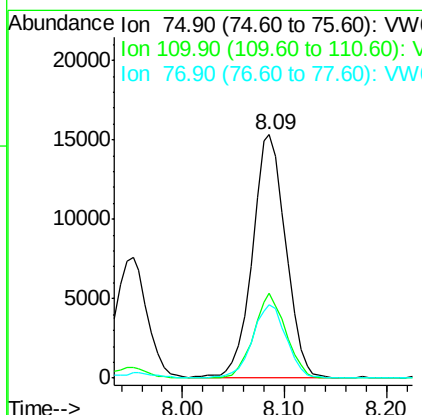
Manual Integrations  
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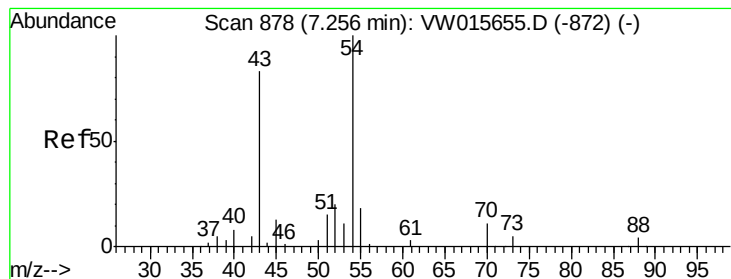
MMDadoda  
6/24/2020 10:58:10 AM



#36  
1,1-Dichloropropene  
Concen: 10.945 ug/l  
RT: 8.09 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | 75    | Resp  | 34902 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 75      | 100   |       |       |
| 110     | 33.3  | 17.0  | 51.0  |
| 77      | 30.7  | 24.6  | 36.8  |





#37

Ethyl Acetate

Concen: 10.402 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

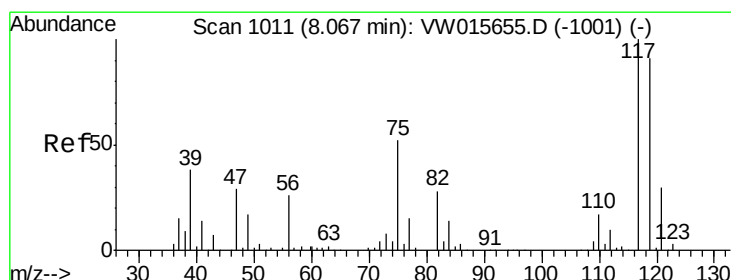
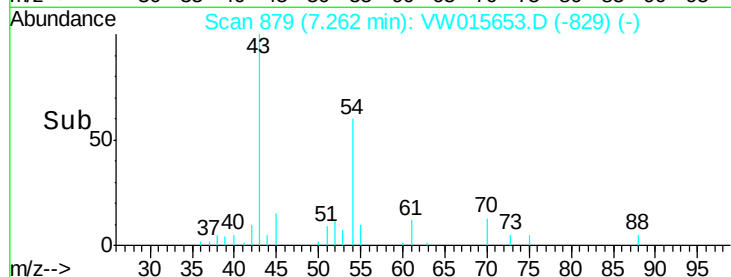
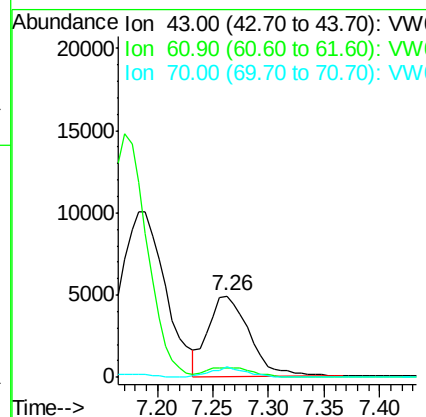
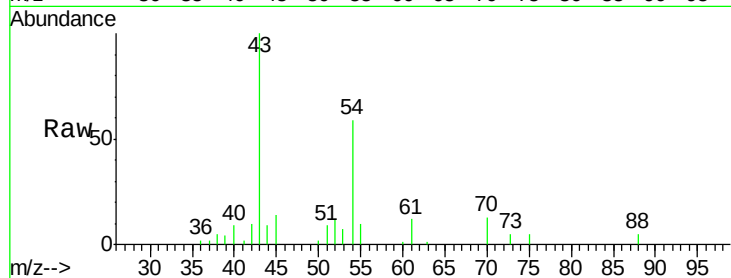
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 12500 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.0  | 10.4  | 15.6  |
| 70       | 11.0  | 8.4   | 12.6  |

Manual Integrations  
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6/24/2020 10:58:10 AM



#38

Carbon Tetrachloride

Concen: 10.609 ug/l

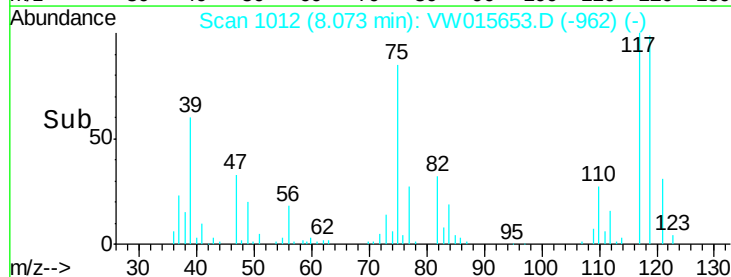
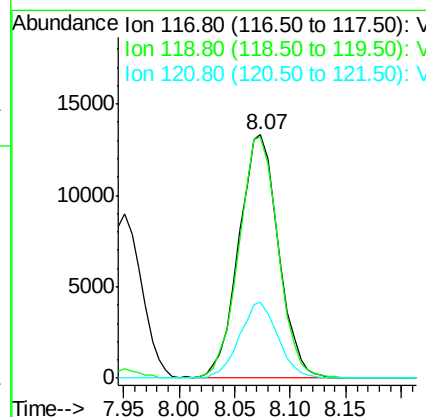
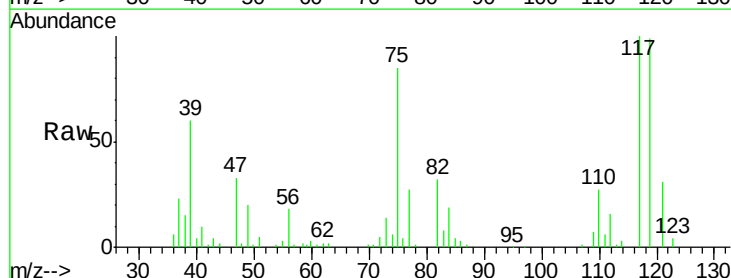
RT: 8.07 min Scan# 1012

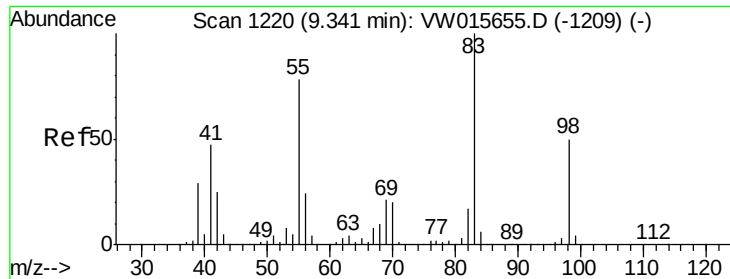
Delta R.T. 0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 32951 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 99.0  | 73.2  | 109.8 |
| 121      | 31.2  | 23.9  | 35.9  |





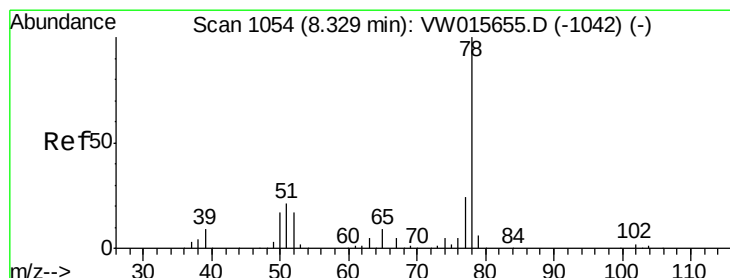
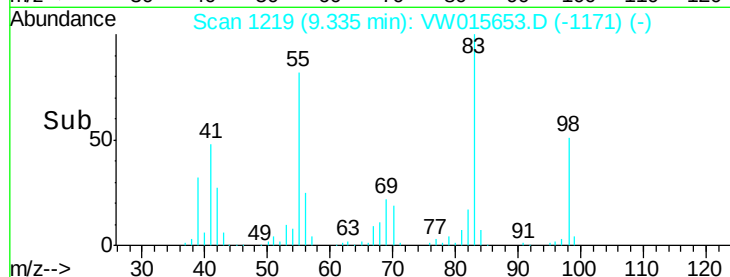
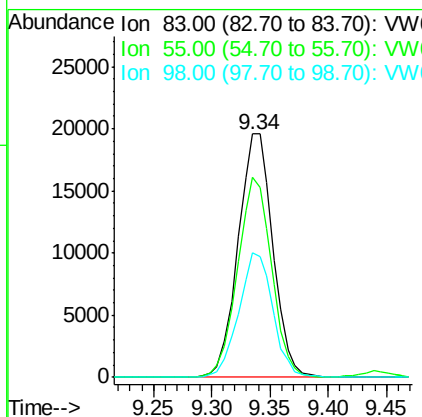
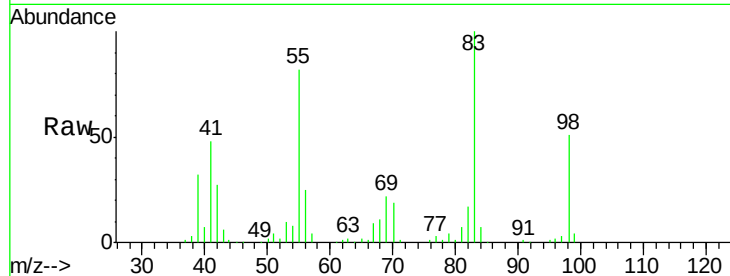
#39  
Methylvlcyclohexane  
Concen: 10.371 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 82.1  | 62.8  | 94.2  |
| 98      | 51.0  | 39.9  | 59.9  |

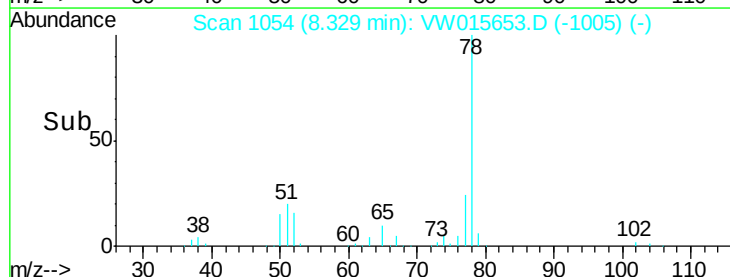
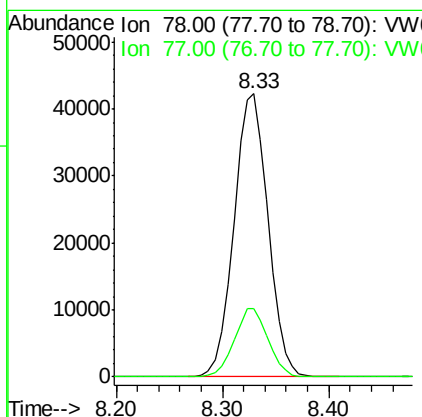
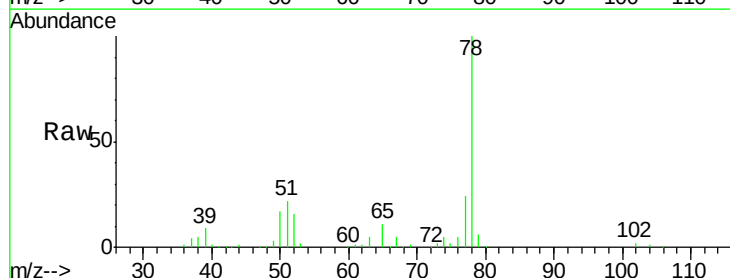
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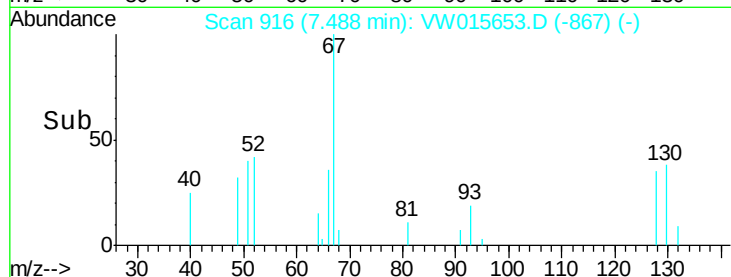
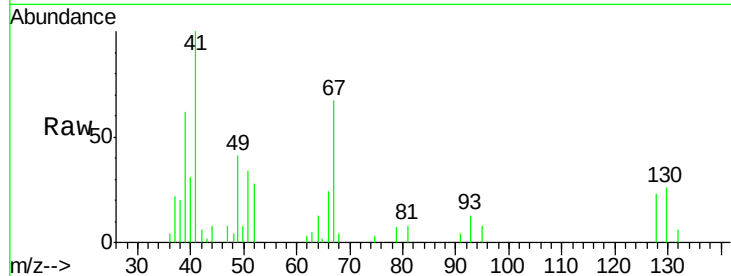
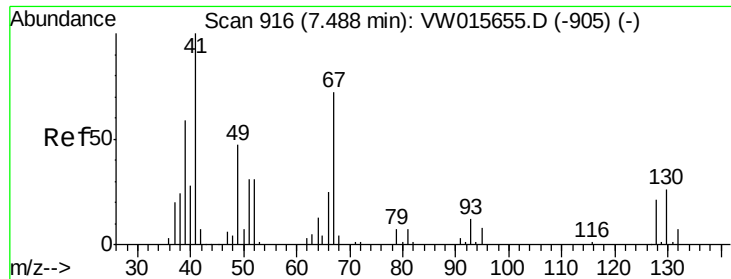


#40  
Benzene  
Concen: 11.035 ug/l  
RT: 8.33 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.0  | 19.3  | 28.9  |

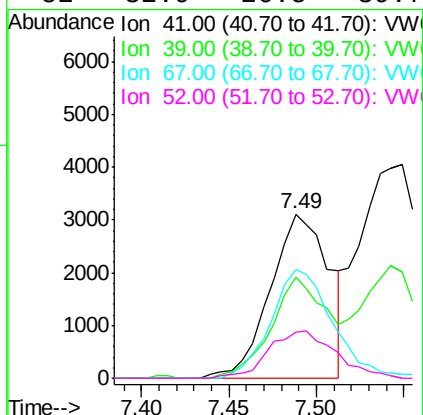






#41  
Methacrylonitrile  
Concen: 10.729 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

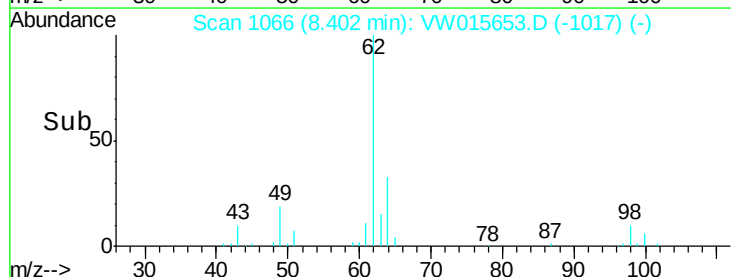
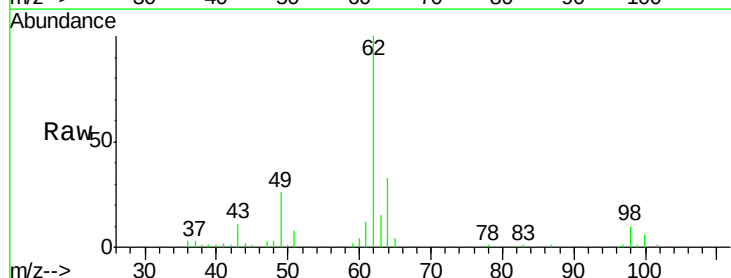
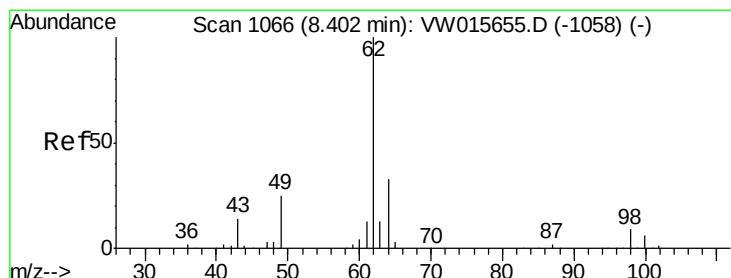
| Tot Ion | 41.00 (40.70 to 41.70): VW | Resp: | 7300  |
|---------|----------------------------|-------|-------|
| Ion     | Ratio                      | Lower | Upper |
| 41      | 100                        |       |       |
| 39      | 58.3                       | 52.0  | 78.0  |
| 67      | 69.6                       | 57.5  | 86.3  |
| 52      | 32.9                       | 26.5  | 39.7  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

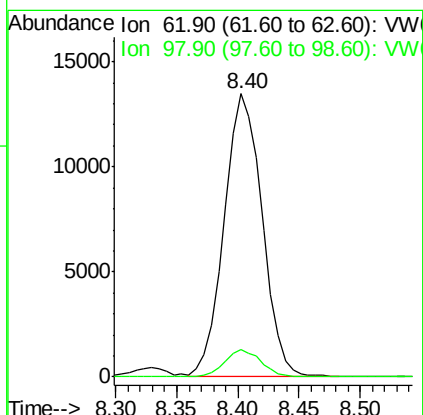
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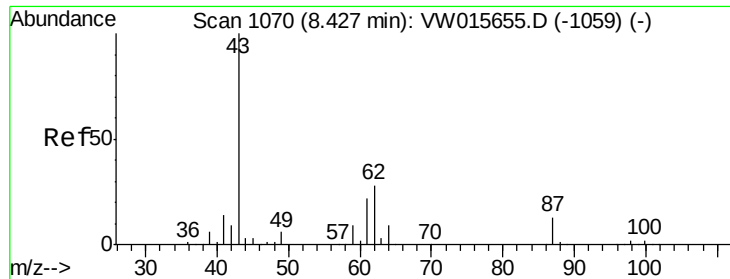
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6/24/2020 10:58:10 AM



#42  
1,2-Dichloroethane  
Concen: 11.155 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | 62    | Resp: | 29040 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 9.2   | 0.0   | 17.4  |





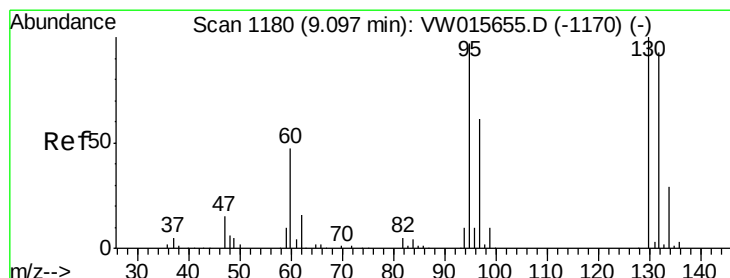
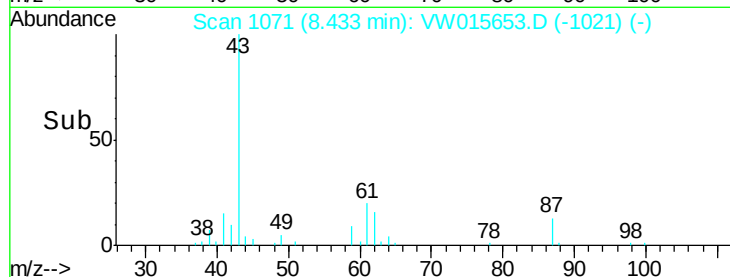
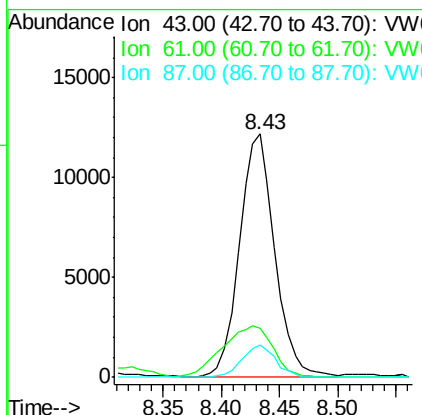
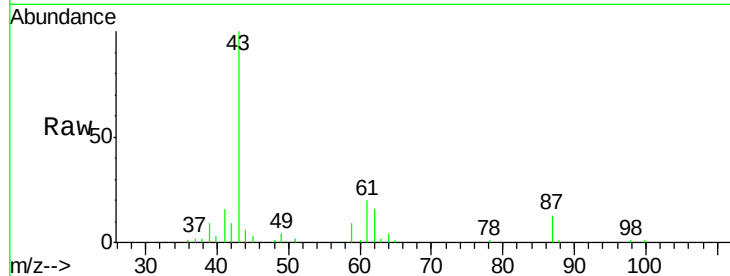
#43  
Isopropyl Acetate  
Concen: 10.780 ug/l  
RT: 8.43 min Scan# 1071  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 30.5  | 24.7  | 37.1  |
| 87      | 12.4  | 10.2  | 15.2  |

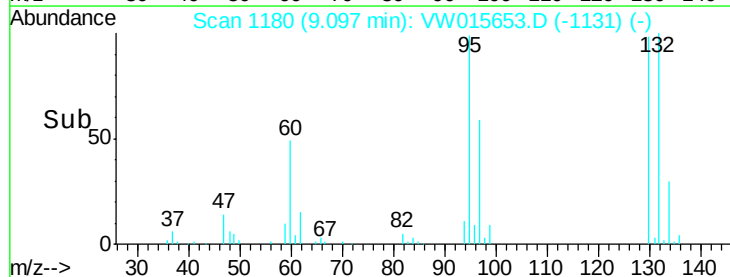
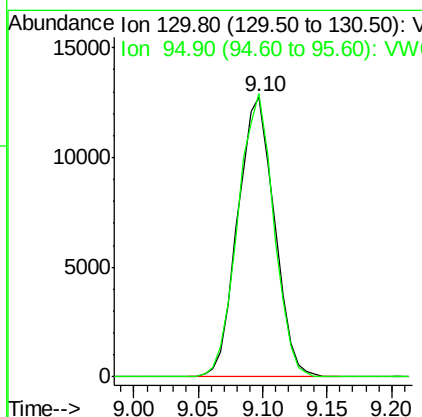
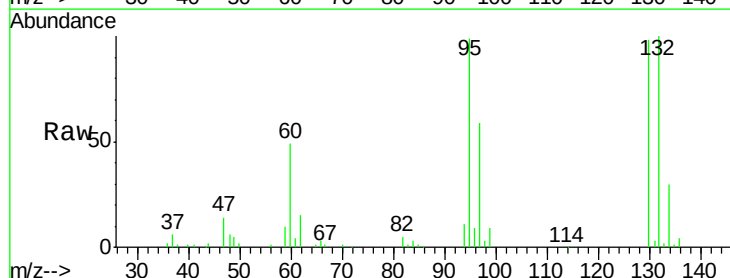
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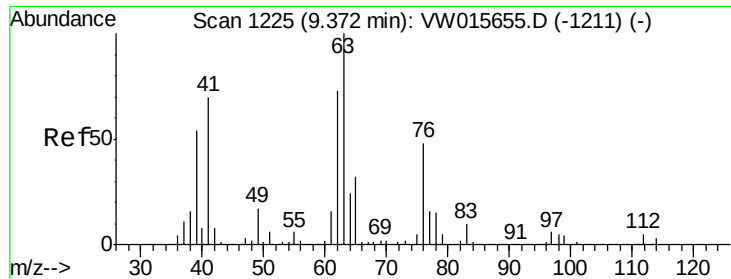
MMDadoda  
6/24/2020 10:58:10 AM



#44  
Trichloroethene  
Concen: 10.953 ug/l  
RT: 9.10 min Scan# 1180  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 101.1 | 0.0   | 194.4 |





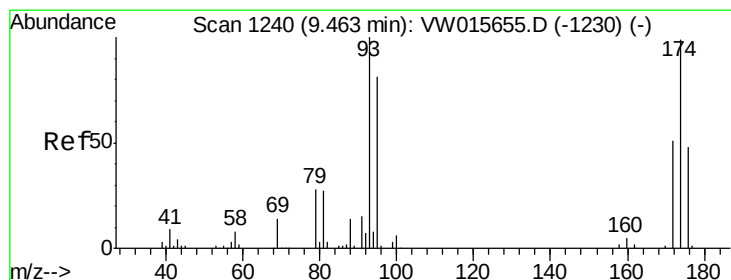
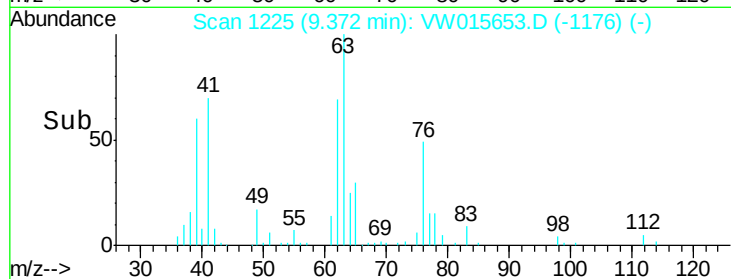
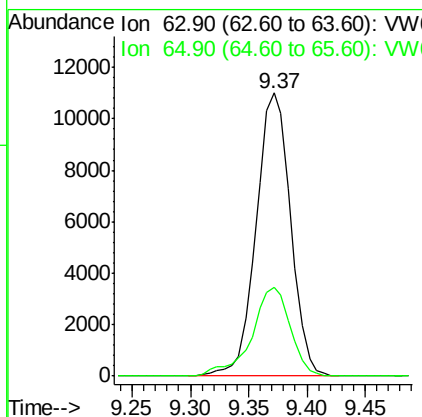
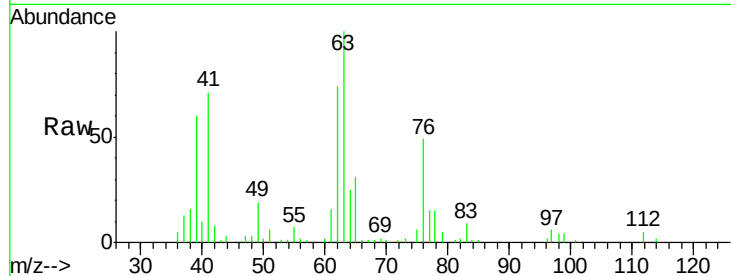
#45  
 1,2-Dichloropropane  
 Concen: 10.896 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Tot Ion: 63 Resp: 22687  
 Ion Ratio Lower Upper  
 63 100  
 65 31.3 25.3 37.9

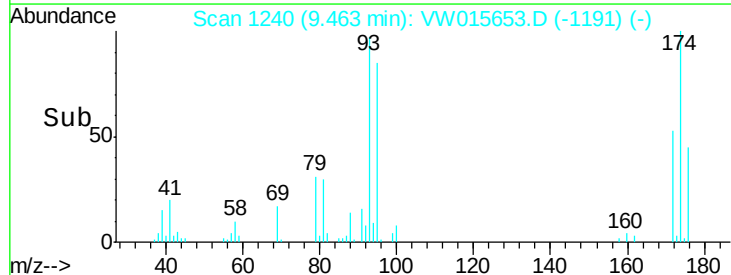
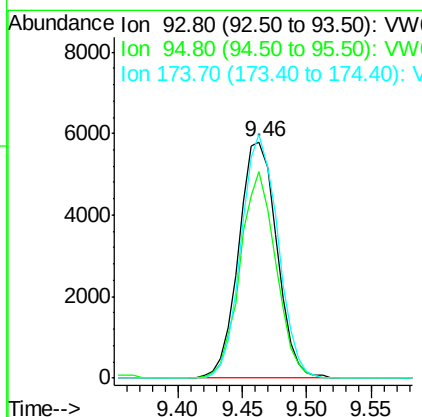
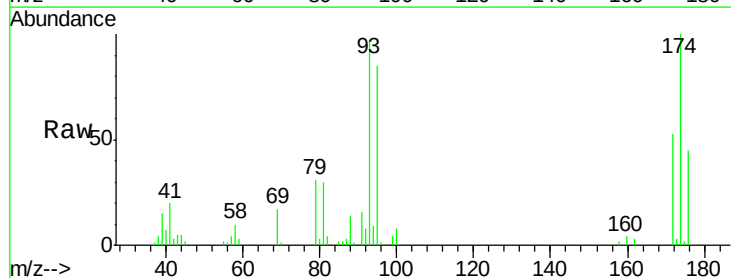
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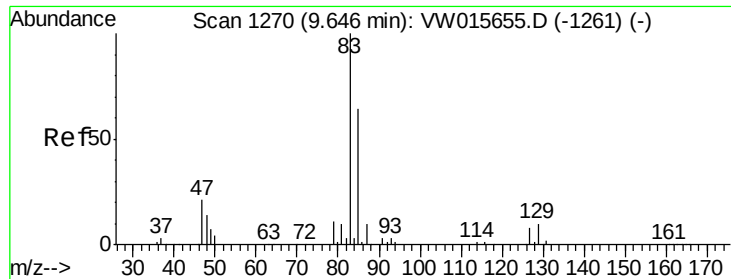
MMDadoda  
 6/24/2020 10:58:10 AM



#46  
 Dibromomethane  
 Concen: 11.266 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Tgt Ion: 93 Resp: 11898  
 Ion Ratio Lower Upper  
 93 100  
 95 81.9 65.7 98.5  
 174 99.0 79.0 118.6





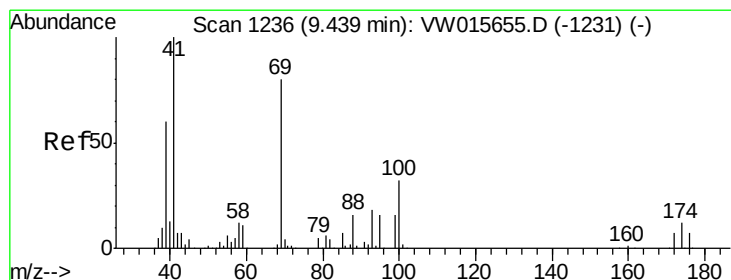
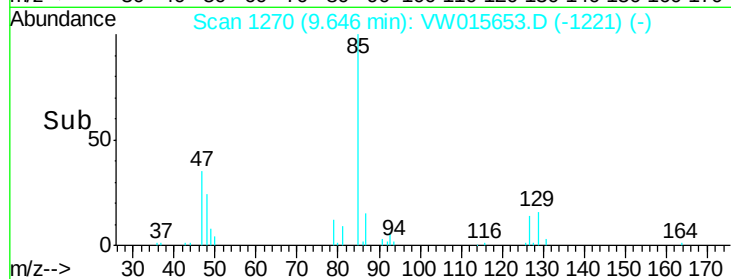
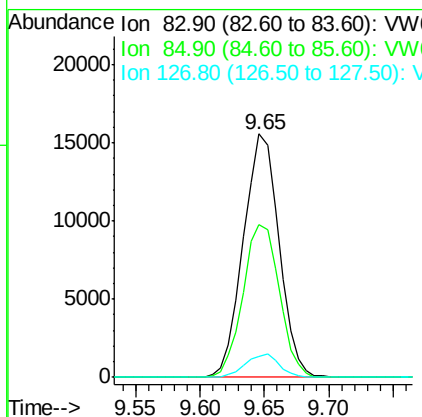
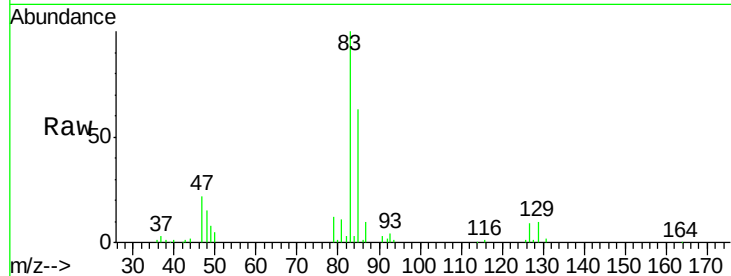
#47  
Bromodichloromethane  
Concen: 10.428 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion   | 83   | Resp  | 29860 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 62.7 | 50.8  | 76.2  |
| 127       | 8.7  | 6.3   | 9.5   |

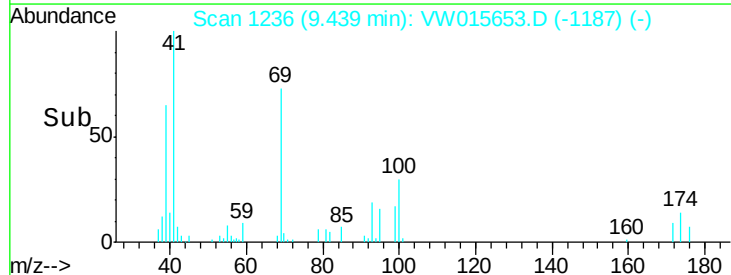
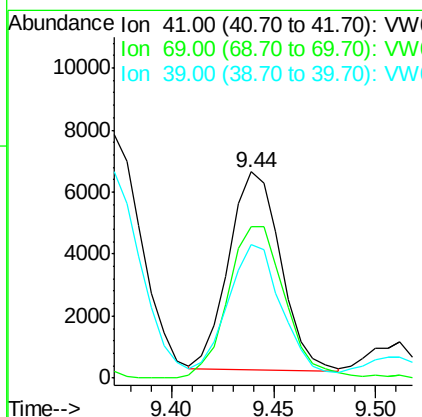
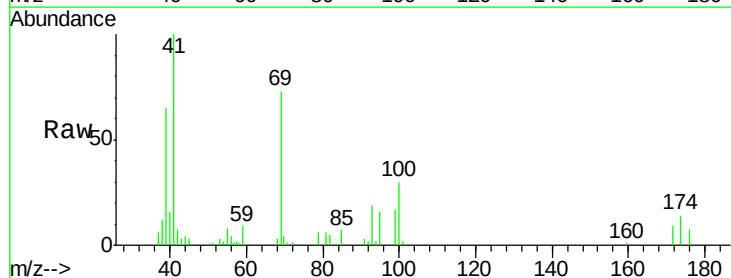
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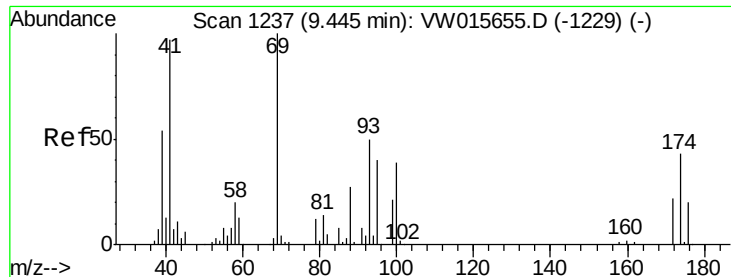
MMDadoda  
6/24/2020 10:58:10 AM



#48  
Methyl methacrylate  
Concen: 10.320 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion   | 41   | Resp  | 11278 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 84.3 | 68.2  | 102.2 |
| 39        | 71.5 | 49.8  | 74.6  |





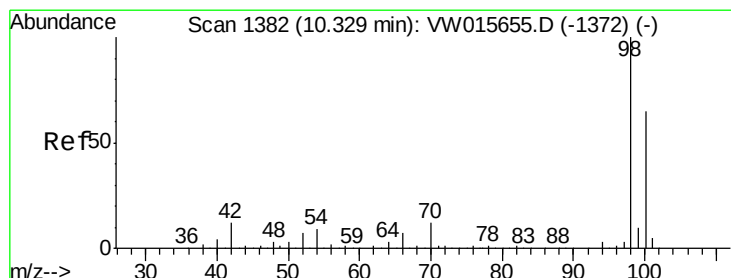
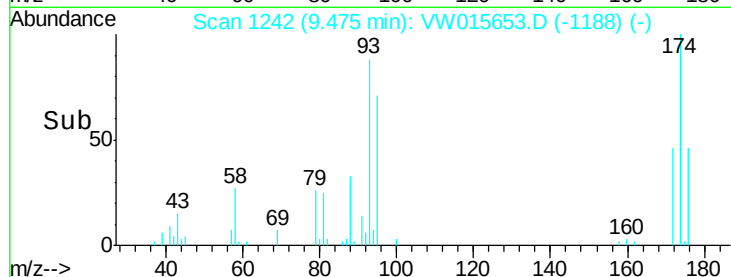
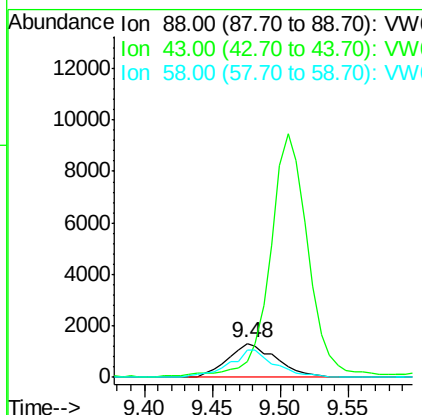
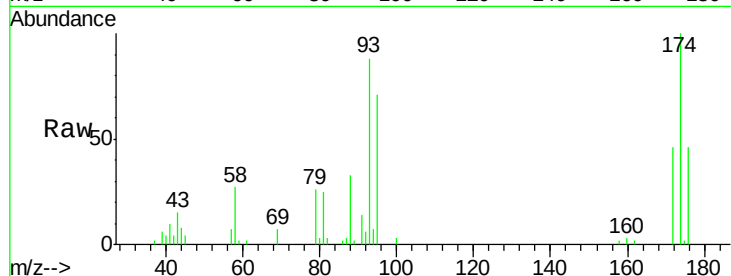
#49  
1,4-Dioxane  
Concen: 232.947 ug/l  
RT: 9.48 min Scan# 1242  
Delta R.T. 0.03 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 30.1  | 45.1# |
| 58      | 76.4  | 56.1  | 84.1  |

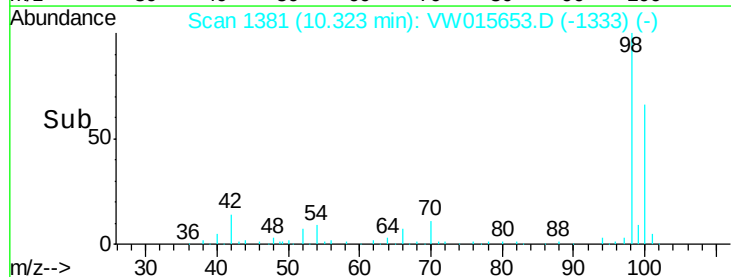
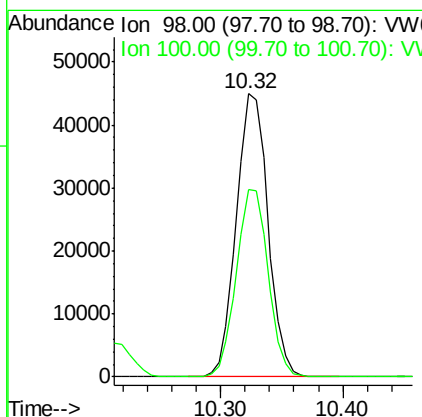
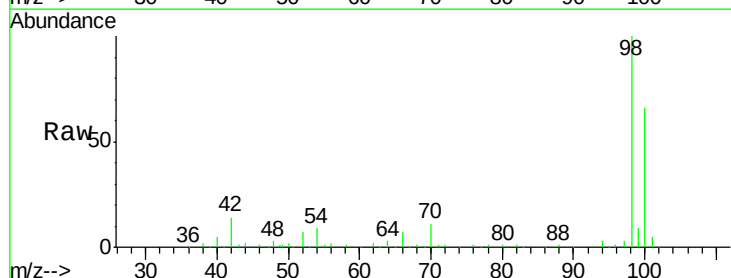
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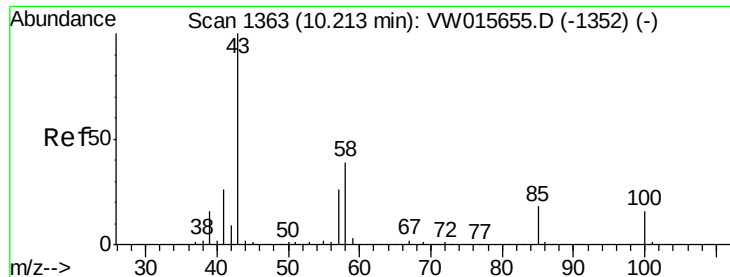
MMDadoda  
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#50  
Toluene-d8  
Concen: 10.783 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.6  | 52.8  | 79.2  |





#51

4-Methyl-2-Pentanone

Concen: 54.499 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 61770

Ion Ratio Lower Upper

43 100

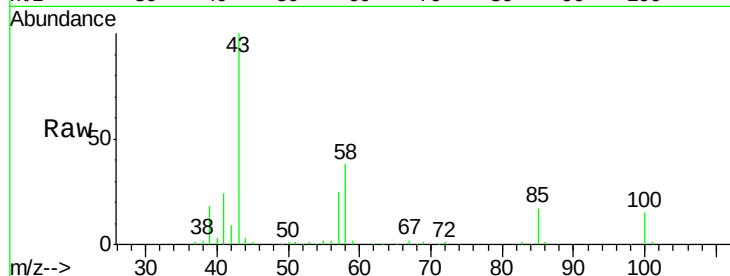
58 37.6 31.2 46.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

40000

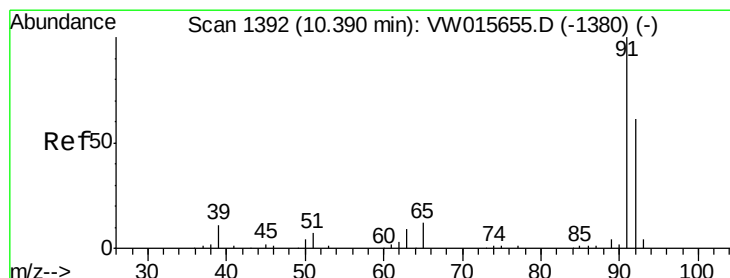
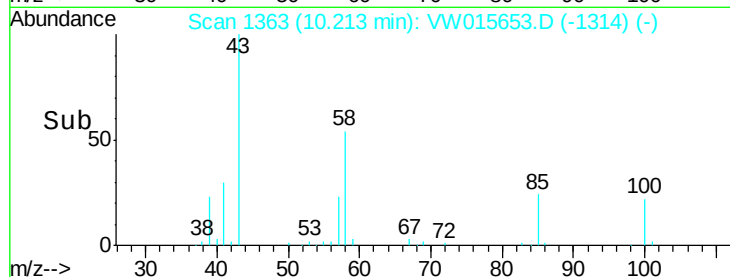
30000

20000

10000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 10.800 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015653.D

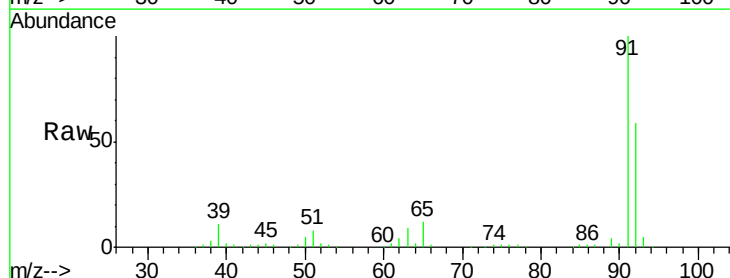
Acq: 23 Jun 2020 11:16

Tgt Ion: 92 Resp: 59795

Ion Ratio Lower Upper

92 100

91 170.7 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

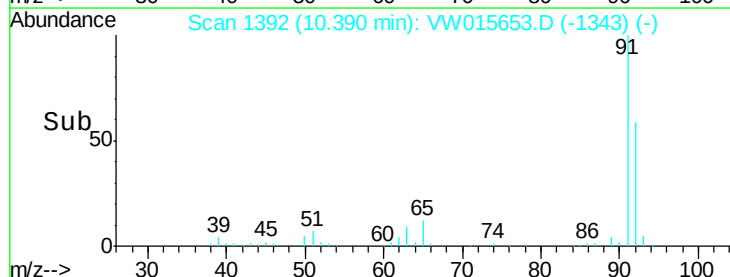
60000

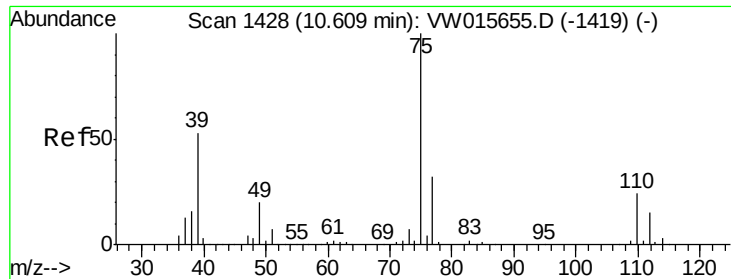
40000

20000

0

Time--> 10.30 10.35 10.40 10.45





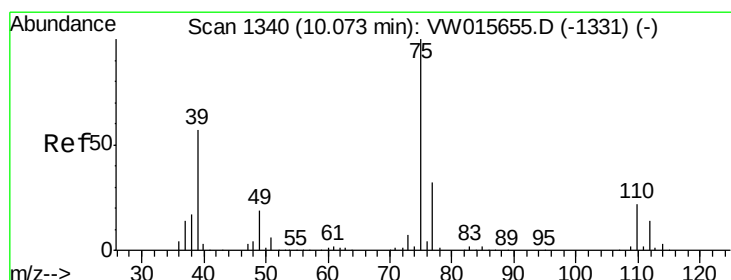
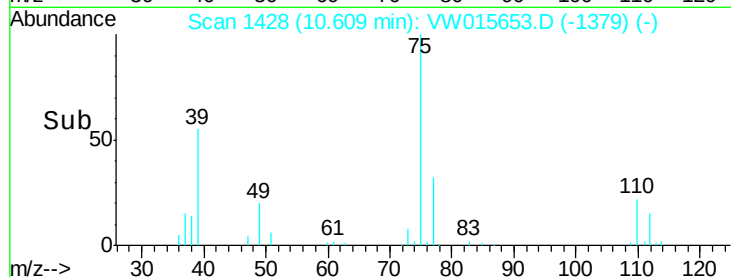
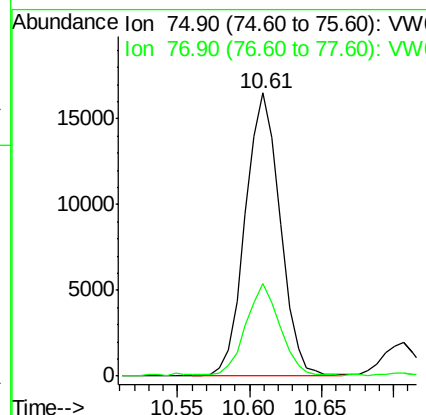
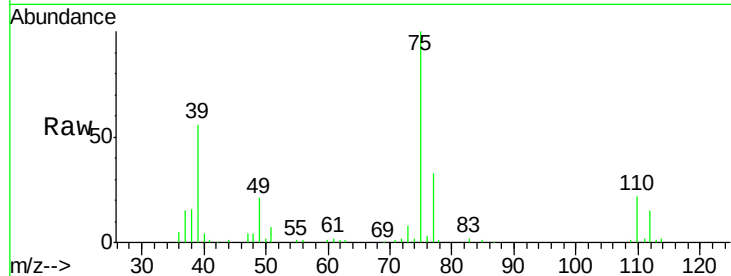
#53  
t-1,3-Dichloropropene  
Concen: 9.916 ug/l  
RT: 10.61 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion: 75 Resp: 27764  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.3 37.9

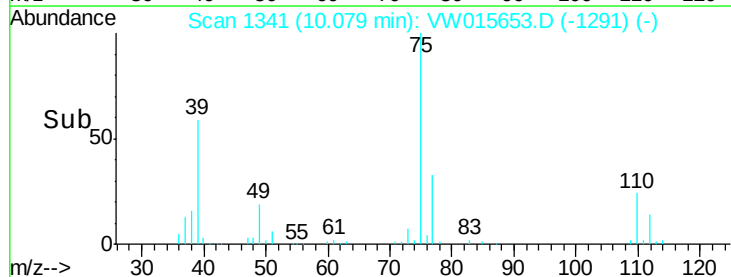
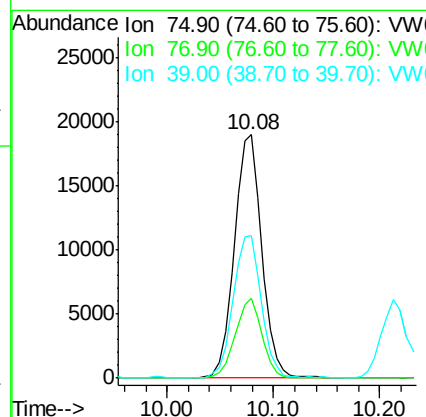
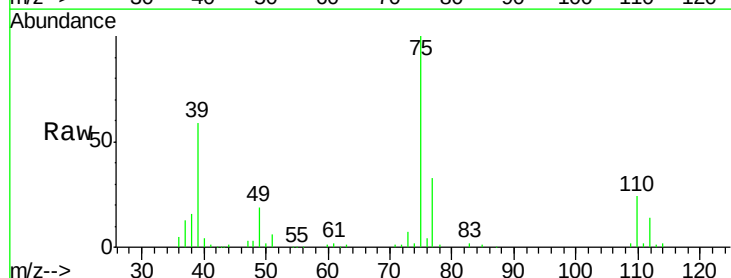
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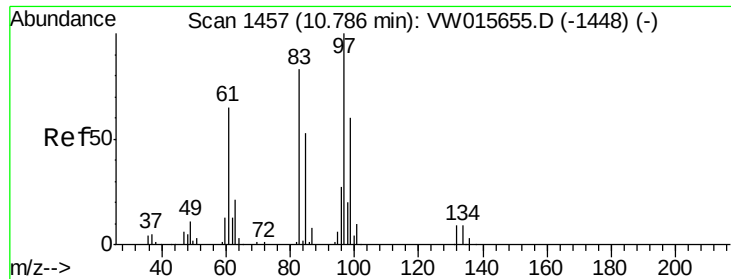
MMDadoda  
6/24/2020 10:58:10 AM



#54  
cis-1,3-Dichloropropene  
Concen: 10.311 ug/l  
RT: 10.08 min Scan# 1341  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Tgt Ion: 75 Resp: 34289  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.4 38.2  
39 58.7 45.8 68.6





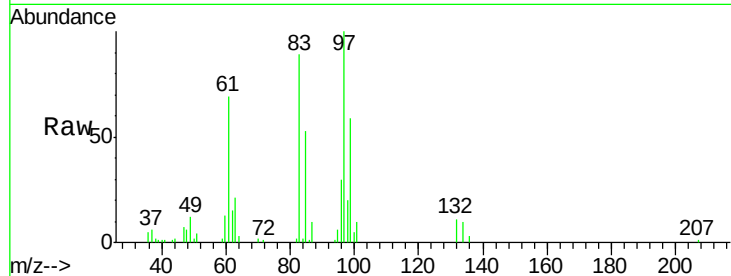
#55  
 1,1,2-Trichloroethane  
 Concen: 11.108 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

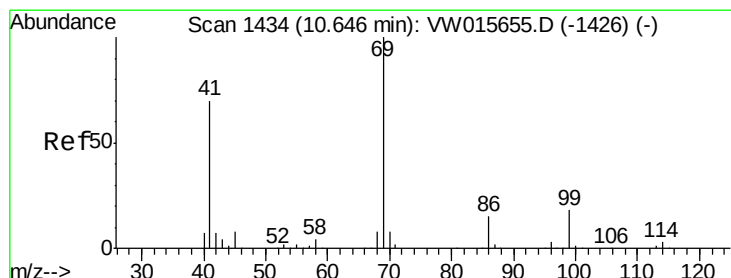
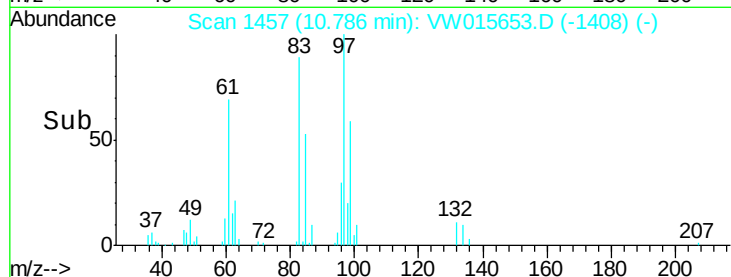
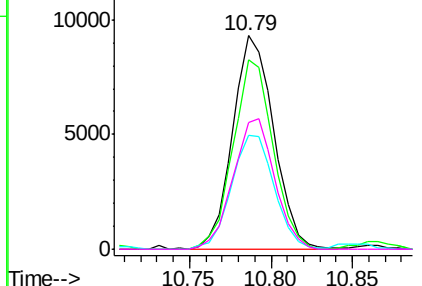
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 16371 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.0  | 66.3  | 99.5  |
| 85       | 53.4  | 42.5  | 63.7  |
| 99       | 59.4  | 48.3  | 72.5  |

Manual Integrations  
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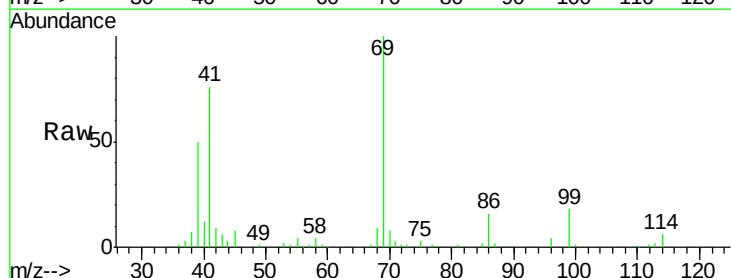


Abundance Ion 96.90 (96.60 to 97.60): VW  
 Ion 82.90 (82.60 to 83.60): VW  
 Ion 84.90 (84.60 to 85.60): VW  
 Ion 98.90 (98.60 to 99.60): VW

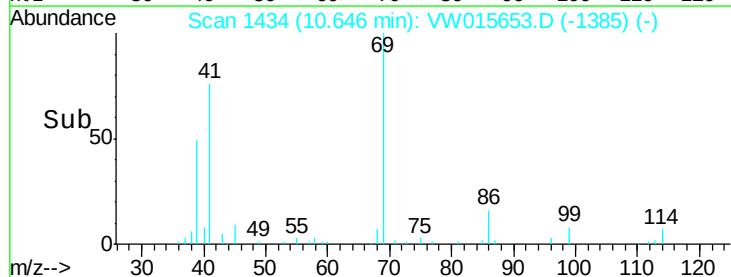
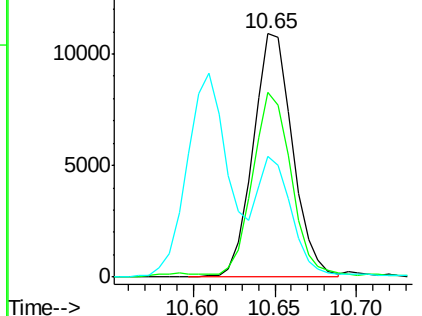


#56  
 Ethyl methacrylate  
 Concen: 9.617 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

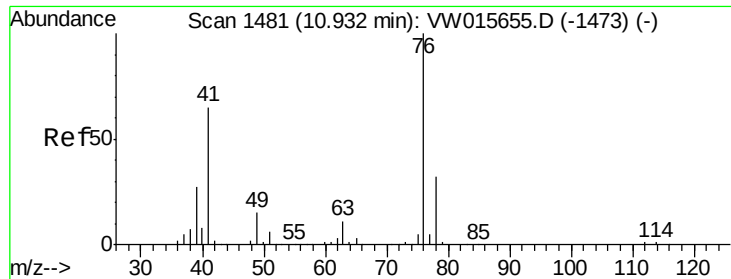
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 18292 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.6  | 55.8  | 83.6  |
| 39       | 42.8  | 29.5  | 44.3  |



Abundance Ion 69.00 (68.70 to 69.70): VW  
 Ion 41.00 (40.70 to 41.70): VW  
 Ion 39.00 (38.70 to 39.70): VW







#57

1,3-Dichloropropane

Concen: 11.166 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC010

Tot Ion: 76 Resp: 29159

Ion Ratio Lower Upper

76 100

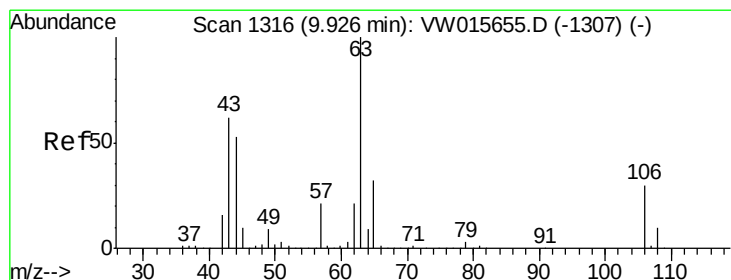
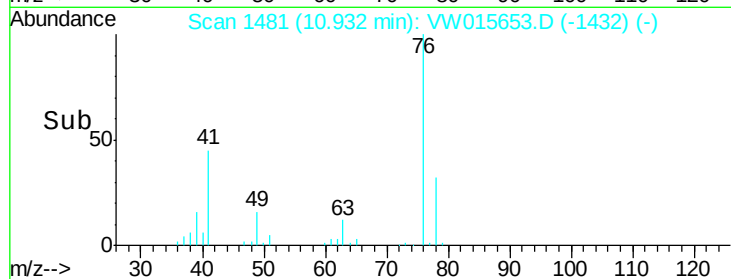
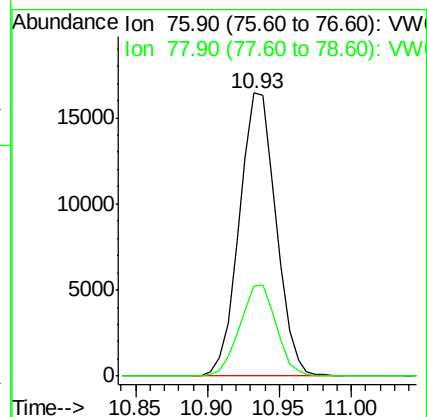
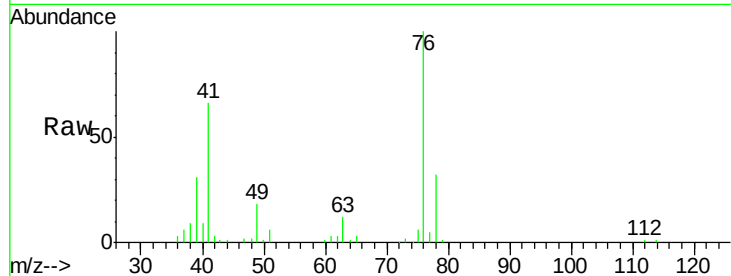
78 31.9 26.2 39.2

Manual Integrations

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MMDadoda

6/24/2020 10:58:10 AM



#58

2-Chloroethyl Vinyl ether

Concen: 53.554 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW015653.D

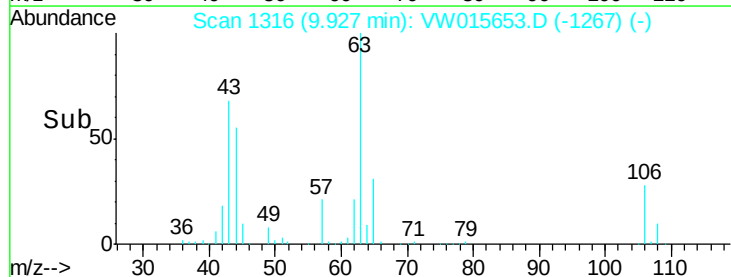
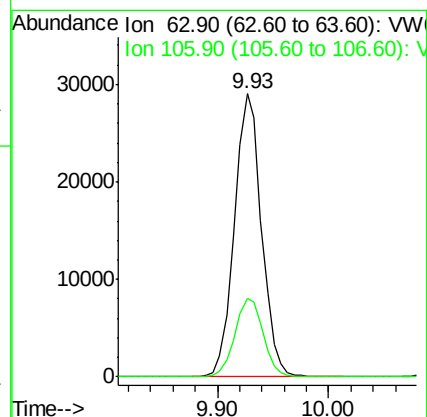
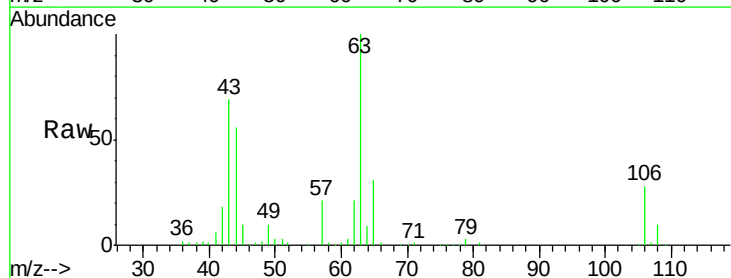
Acq: 23 Jun 2020 11:16

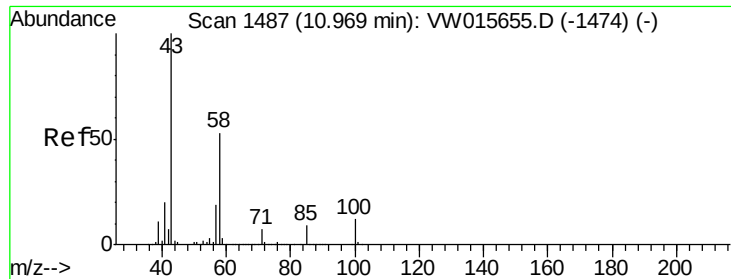
Tgt Ion: 63 Resp: 48705

Ion Ratio Lower Upper

63 100

106 28.7 23.3 34.9





#59

2-Hexanone

Concen: 52.419 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 40842

Ion Ratio Lower Upper

43 100

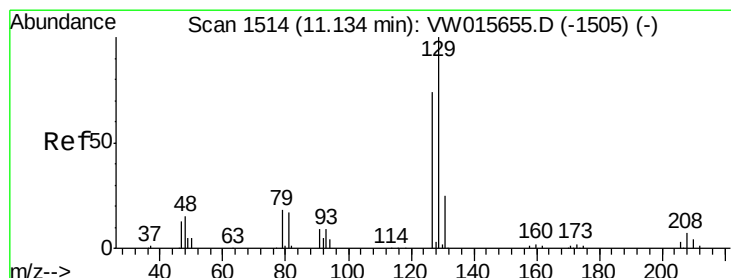
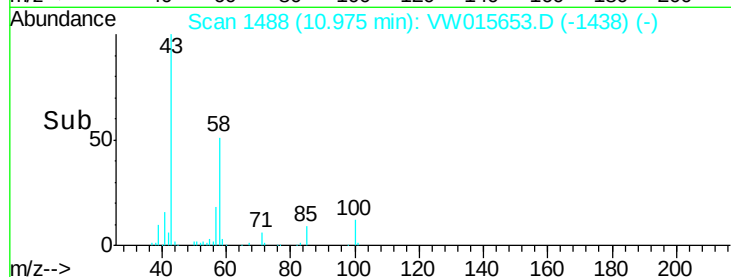
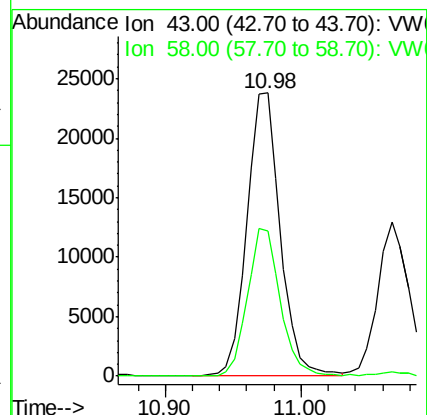
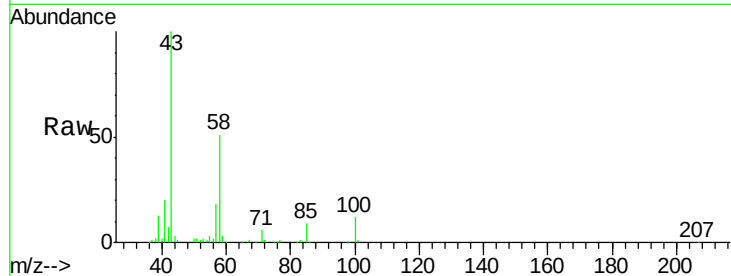
58 51.4 26.5 79.4

Manual Integrations

APPROVED

MMDadoda

6/24/2020 10:58:10 AM



#60

Dibromochloromethane

Concen: 9.984 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW015653.D

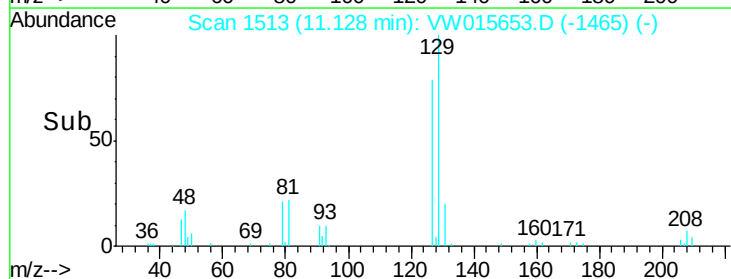
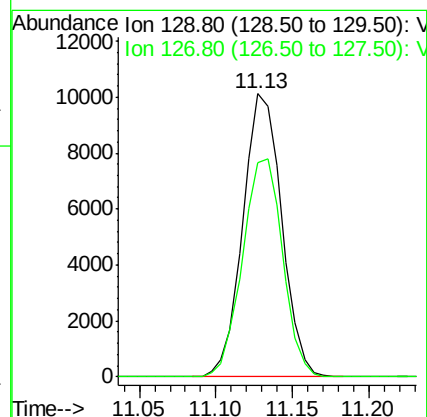
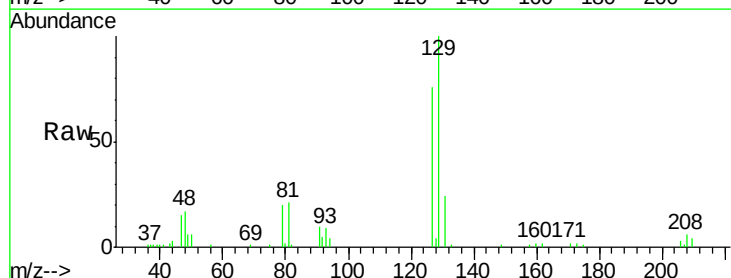
Acq: 23 Jun 2020 11:16

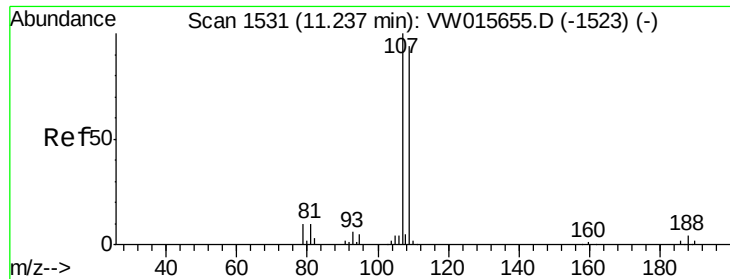
Tgt Ion: 129 Resp: 17902

Ion Ratio Lower Upper

129 100

127 79.1 38.0 114.1





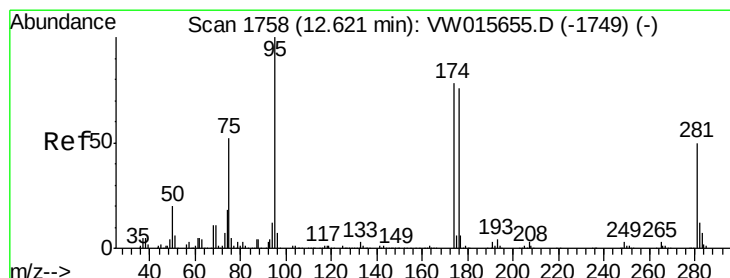
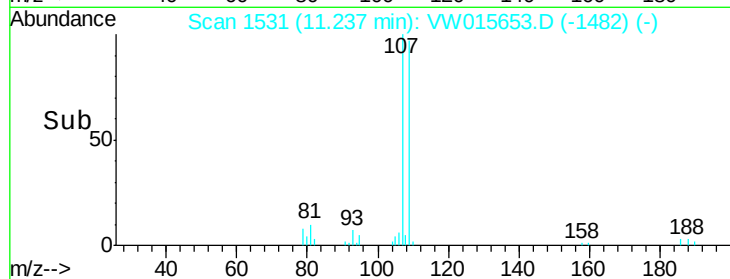
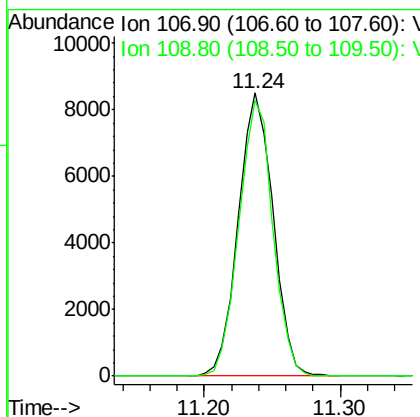
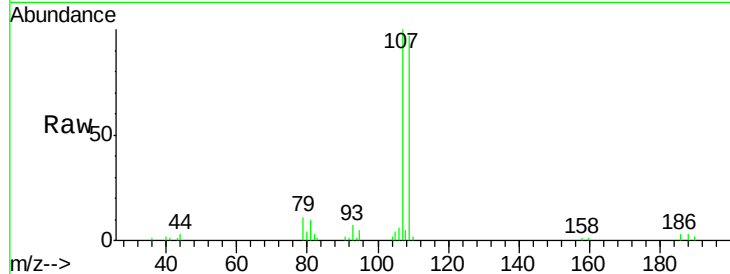
#61  
 1,2-Dibromoethane  
 Concen: 10.812 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.8  | 74.9  | 112.3 |

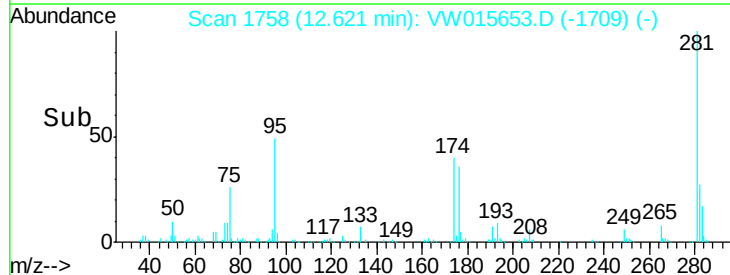
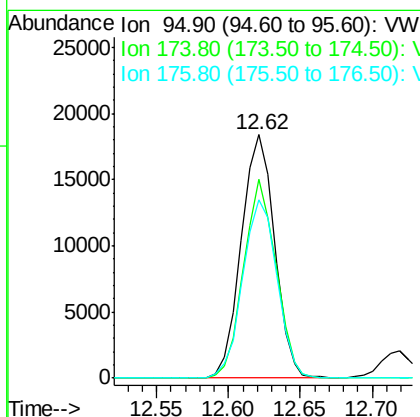
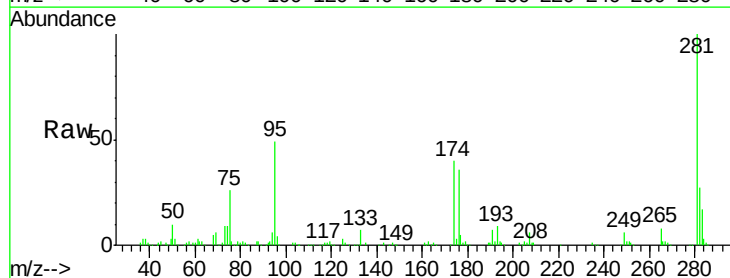
Manual Integrations  
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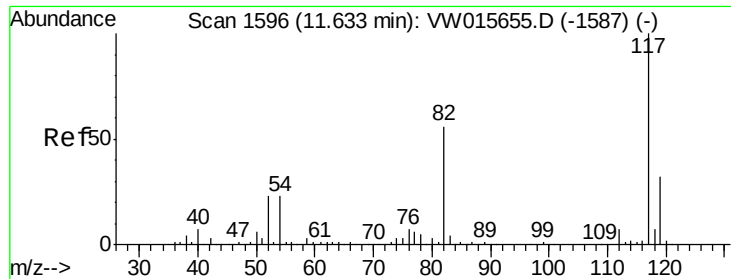
MMDadoda  
 6/24/2020 10:58:10 AM



#62  
 4-Bromofluorobenzene  
 Concen: 10.867 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 79.3  | 0.0   | 157.0 |
| 176     | 75.4  | 0.0   | 151.4 |





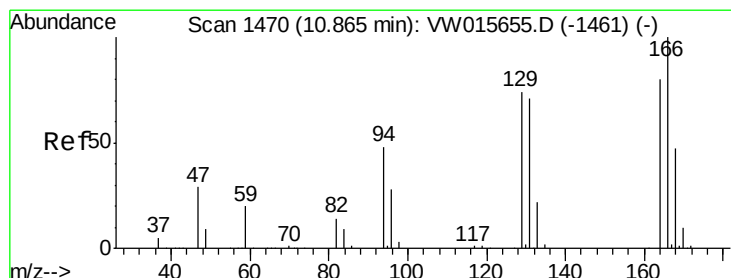
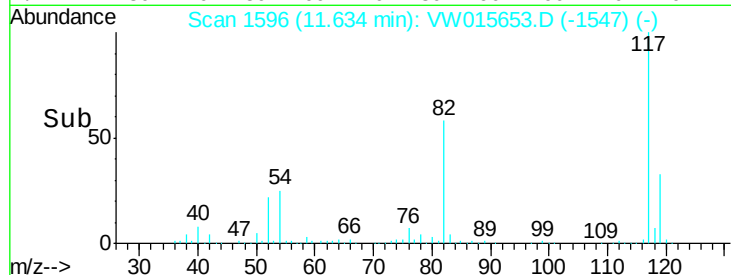
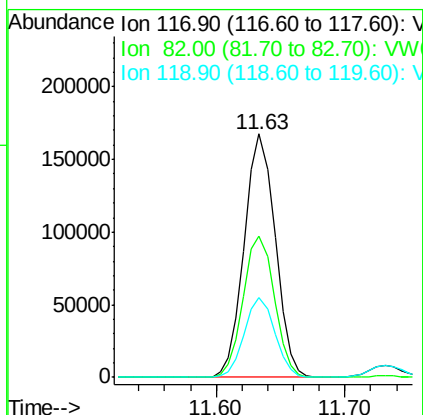
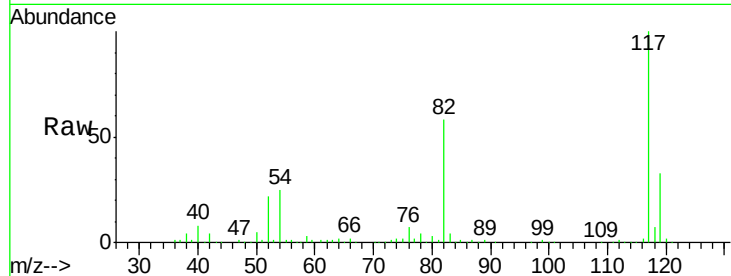
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.0  | 45.1  | 67.7  |
| 119     | 33.0  | 25.8  | 38.8  |

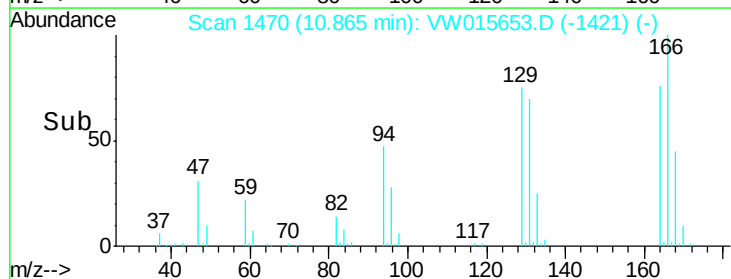
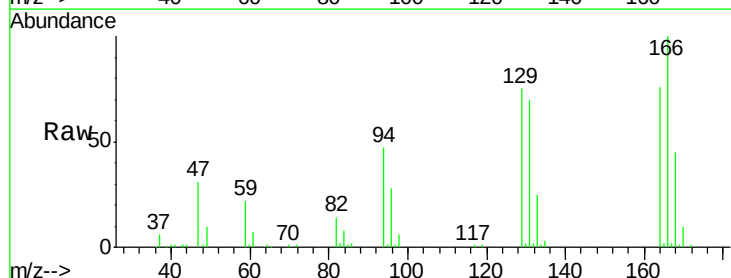
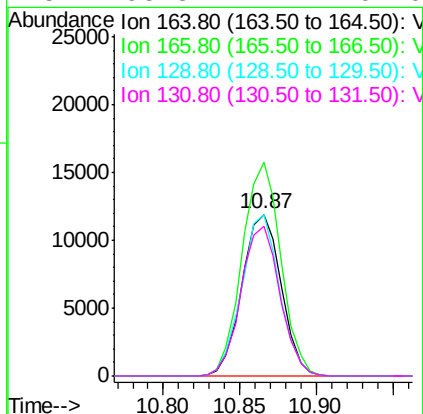
Manual Integrations  
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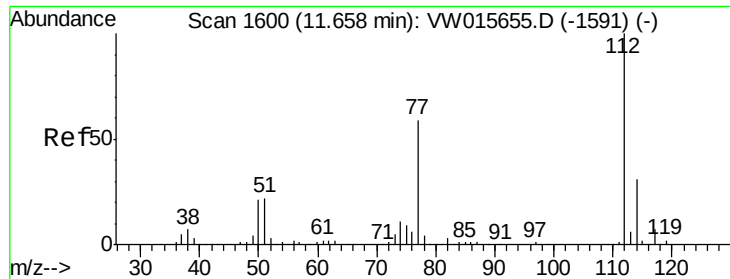
MMDadoda  
6/24/2020 10:58:10 AM



#64  
Tetrachloroethene  
Concen: 11.110 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.4 | 99.9  | 149.9 |
| 129     | 99.9  | 74.2  | 111.2 |
| 131     | 93.3  | 71.4  | 107.0 |





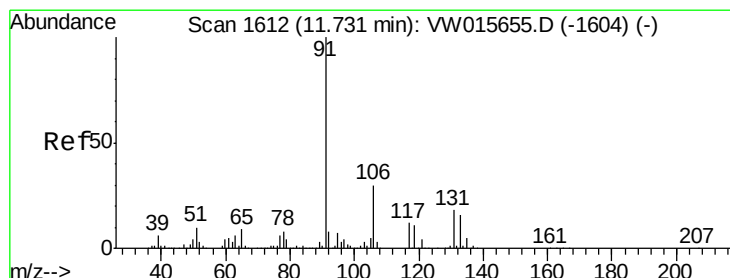
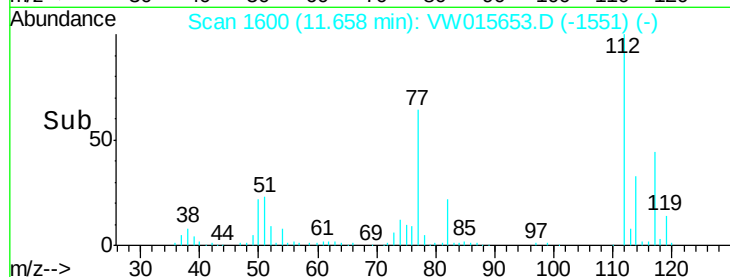
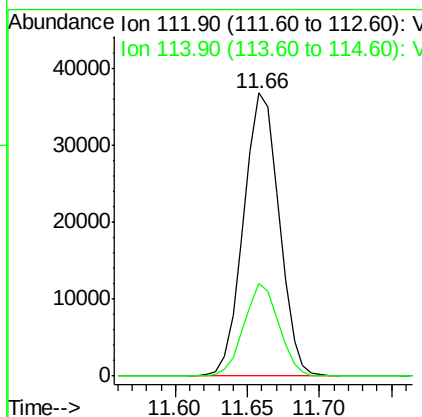
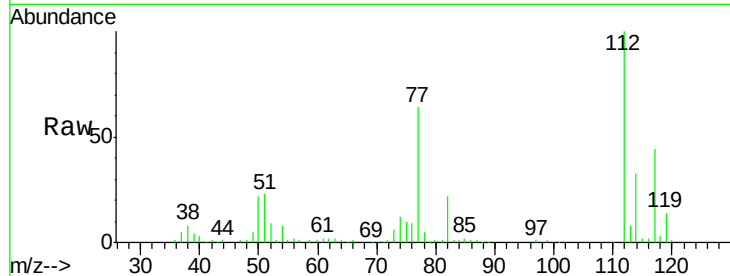
#65  
Chlorobenzene  
Concen: 10.992 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion:112 Resp: 63026  
Ion Ratio Lower Upper  
112 100  
114 32.6 24.9 37.3

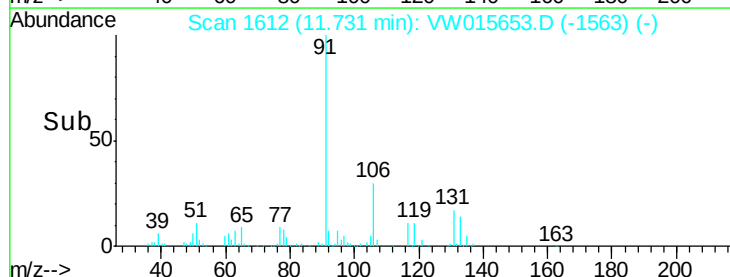
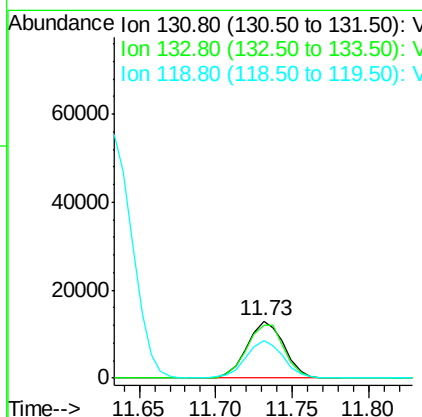
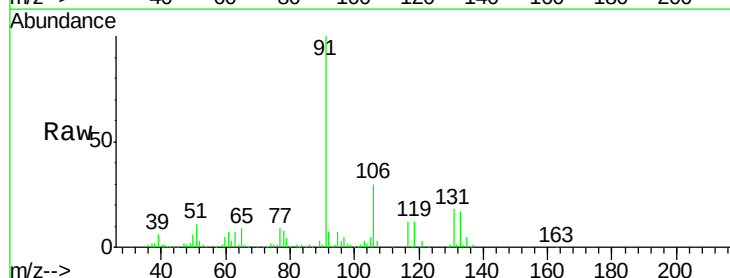
Manual Integrations  
APPROVED

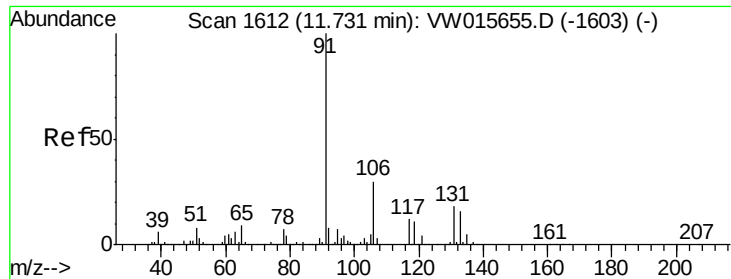
MMDadoda  
6/24/2020 10:58:10 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 10.720 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Tgt Ion:131 Resp: 21918  
Ion Ratio Lower Upper  
131 100  
133 95.8 46.5 139.5  
119 66.6 32.5 97.5





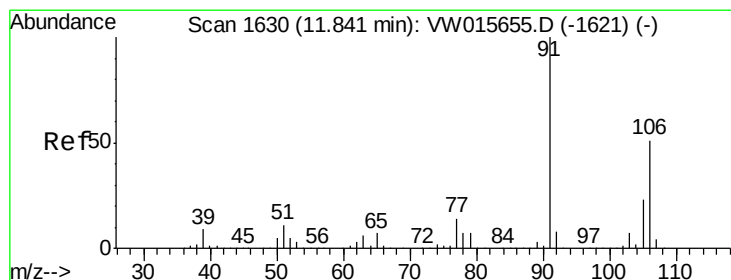
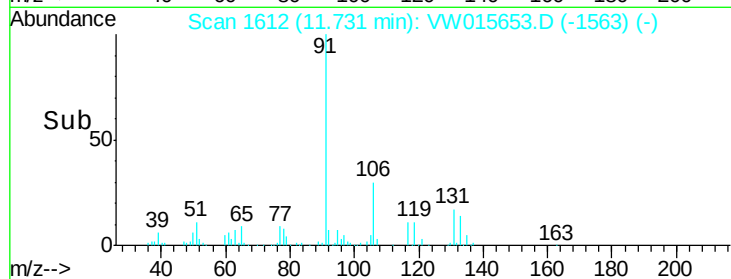
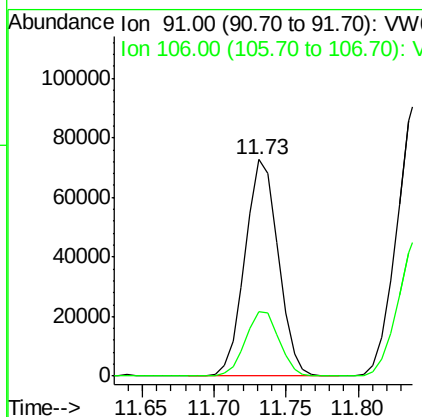
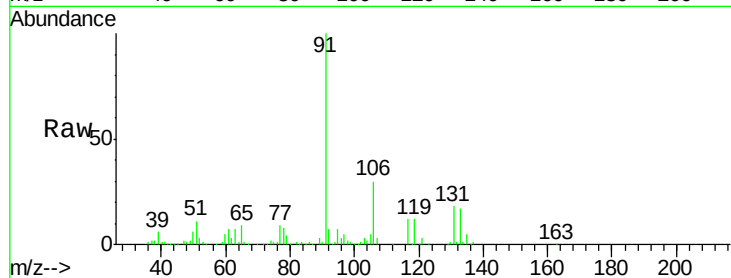
#67  
Ethyl Benzene  
Concen: 10.796 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC010

Tot Ion: 91 Resp: 116572  
Ion Ratio Lower Upper  
91 100  
106 29.9 24.1 36.1

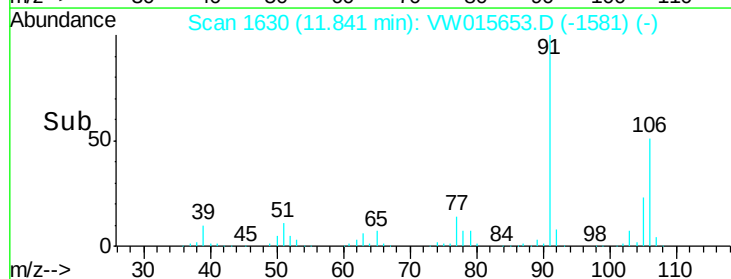
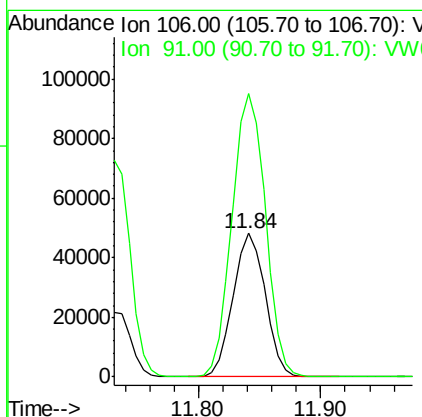
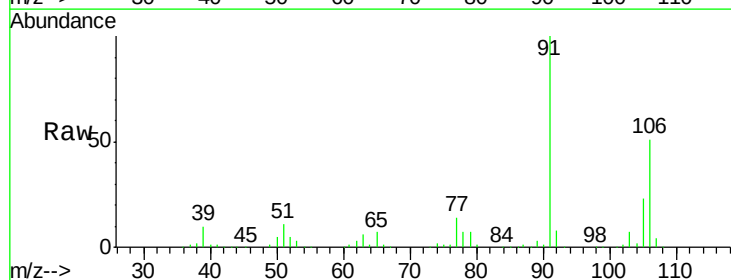
Manual Integrations  
APPROVED

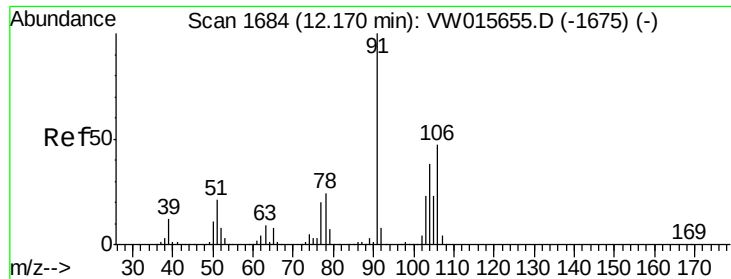
MMDadoda  
6/24/2020 10:58:10 AM



#68  
m/p-Xylenes  
Concen: 21.841 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Tgt Ion: 106 Resp: 88053  
Ion Ratio Lower Upper  
106 100  
91 204.7 162.6 244.0





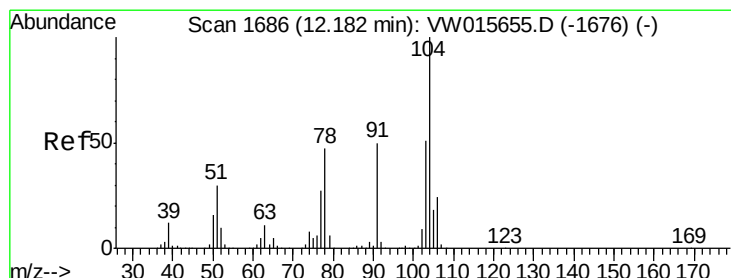
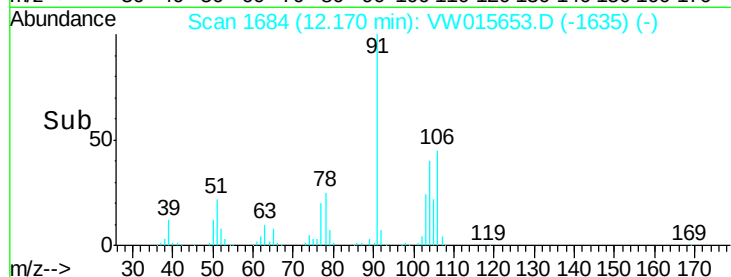
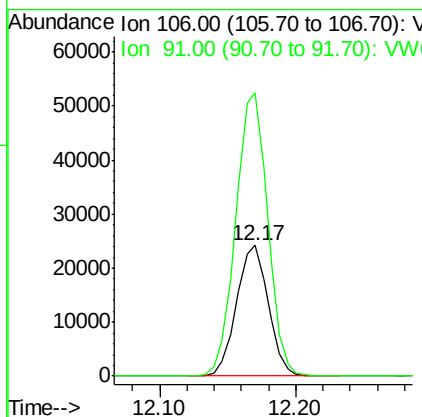
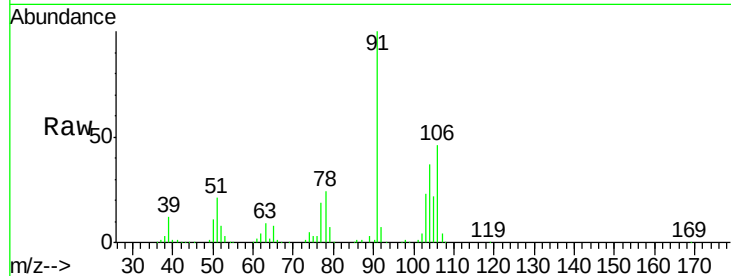
#69  
o-Xylene  
Concen: 10.545 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

Tot Ion:106 Resp: 39465  
Ion Ratio Lower Upper  
106 100  
91 217.8 108.3 324.9

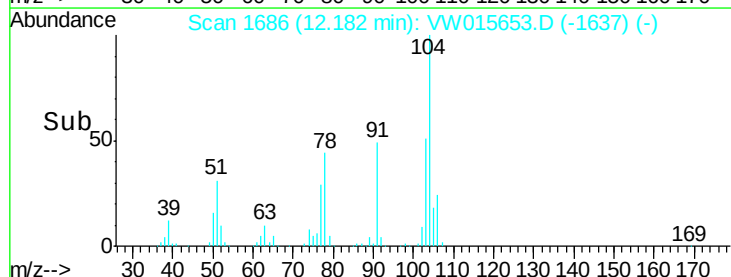
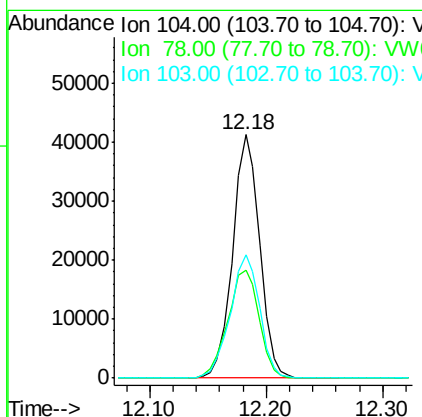
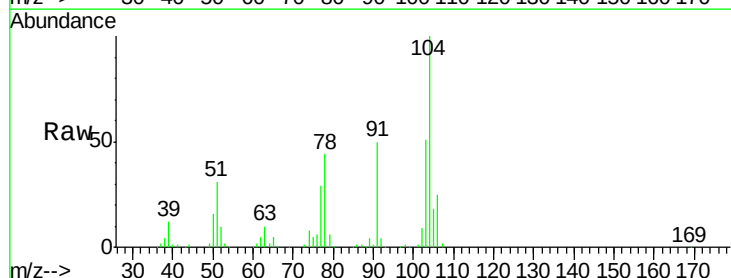
Manual Integrations  
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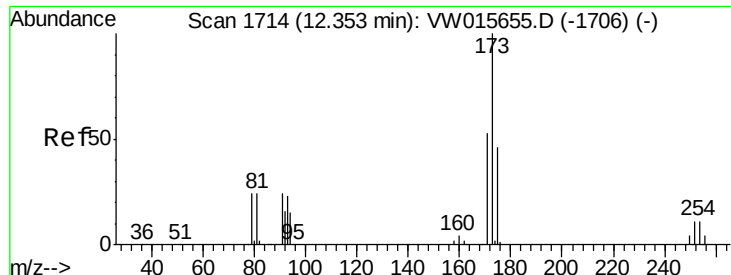
MMDadoda  
6/24/2020 10:58:10 AM



#70  
Styrene  
Concen: 10.433 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Tgt Ion:104 Resp: 66690  
Ion Ratio Lower Upper  
104 100  
78 51.8 40.9 61.3  
103 55.4 43.1 64.7





#71

Bromoform

Concen: 9.647 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 9318

Ion Ratio Lower Upper

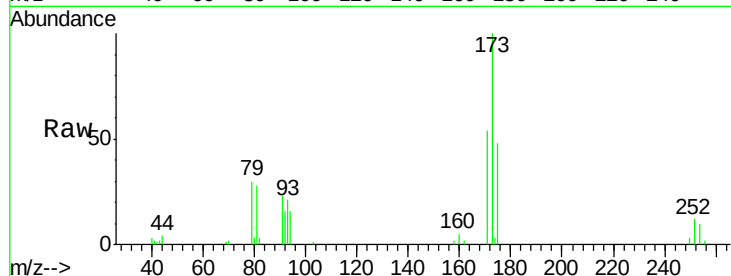
173 100

175 49.3 23.5 70.6

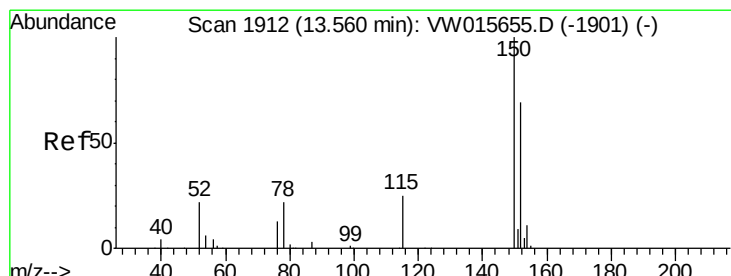
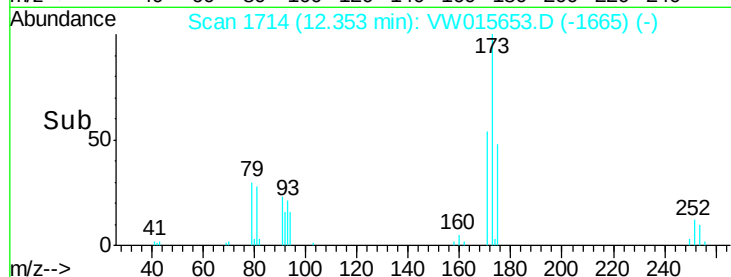
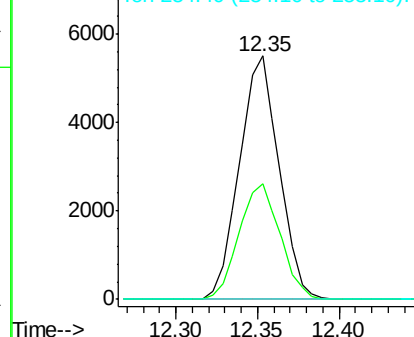
254 0.0 0.1 0.1#

Manual Integrations  
APPROVED

MMDadoda  
6/24/2020 10:58:10 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

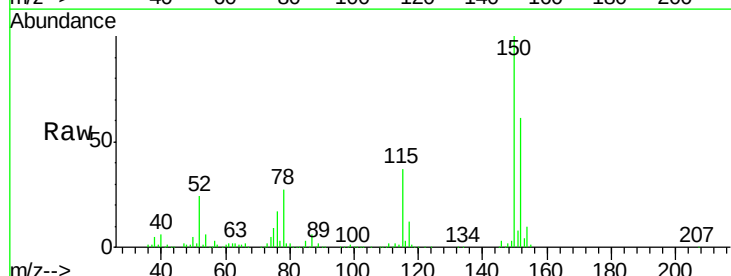
Tgt Ion:152 Resp: 141152

Ion Ratio Lower Upper

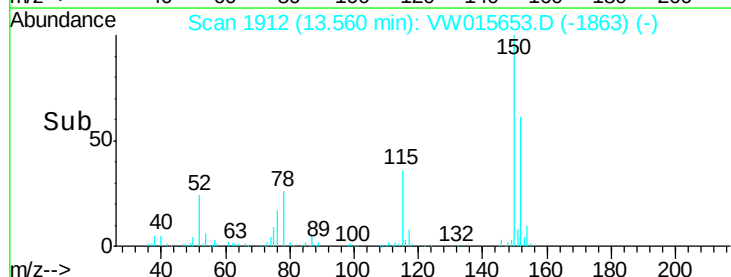
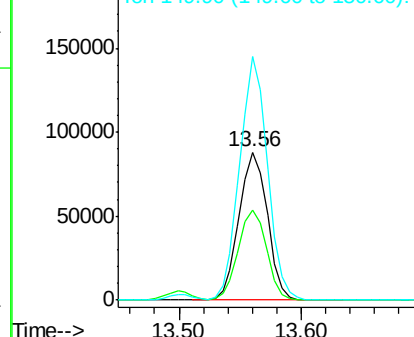
152 100

115 60.8 30.1 90.5

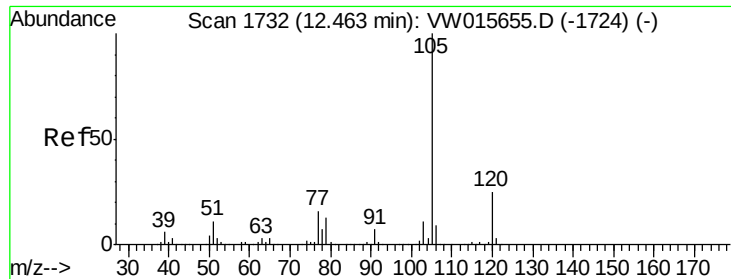
150 162.1 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V







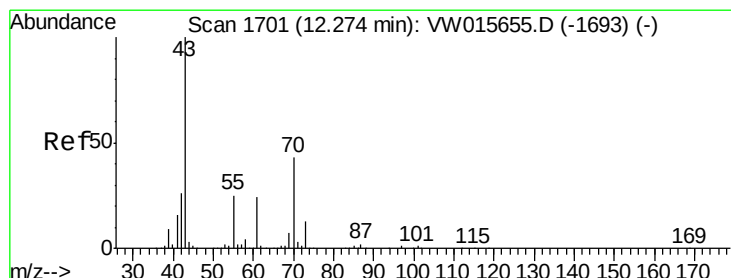
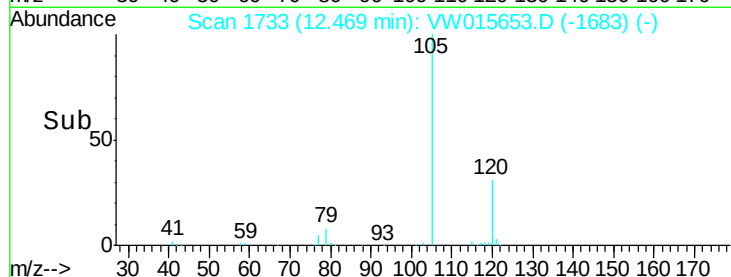
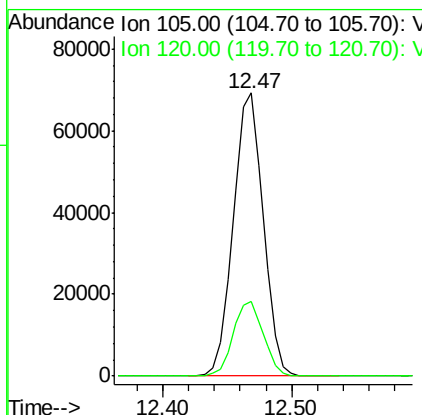
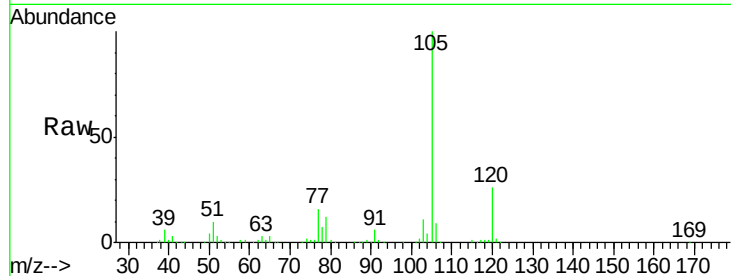
#73  
Isopropylbenzene  
Concen: 10.323 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. 0.01 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.6  | 12.9  | 38.7  |

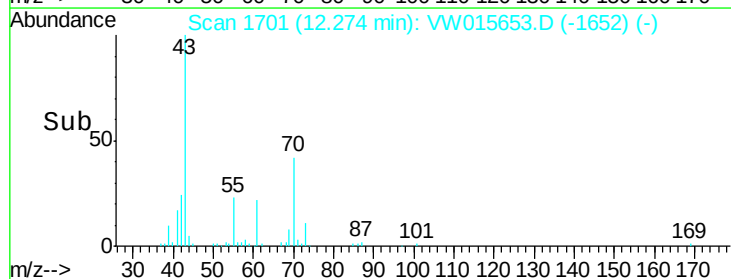
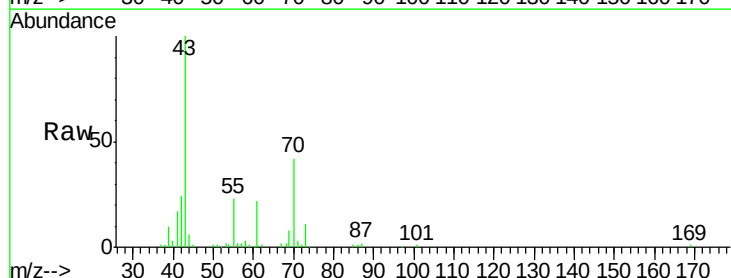
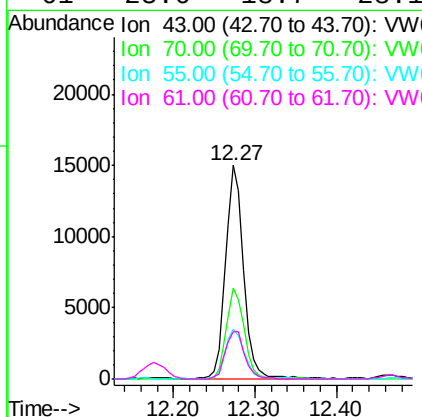
Manual Integrations  
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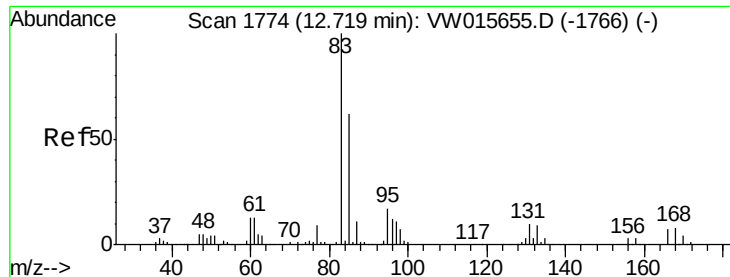
MMDadoda  
6/24/2020 10:58:10 AM



#74  
N-ethyl acetate  
Concen: 10.079 ug/l  
RT: 12.27 min Scan# 1701  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 41.8  | 33.6  | 50.4  |
| 55      | 24.3  | 19.7  | 29.5  |
| 61      | 23.6  | 18.7  | 28.1  |





#75

1,1,2,2-Tetrachloroethane

Concen: 11.224 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

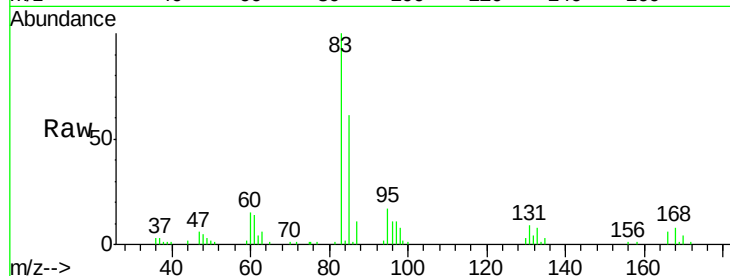
ClientSampleId :

VSTDIC010

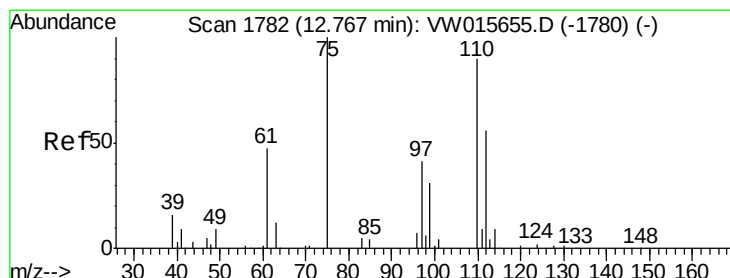
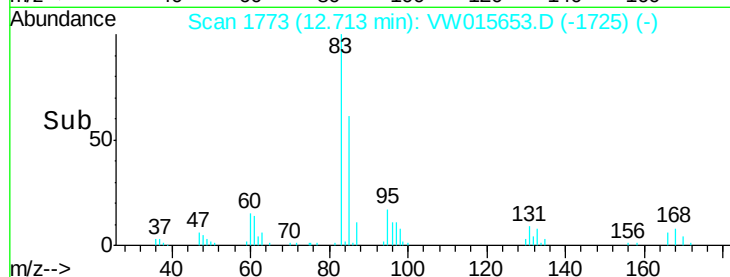
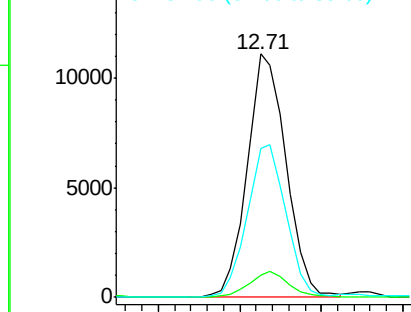
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 18442 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.7  | 5.5   | 16.4  |
| 85        | 62.4  | 31.9  | 95.7  |

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Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 11.514 ug/l m

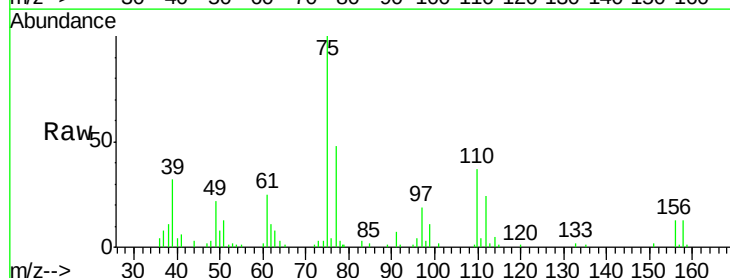
RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

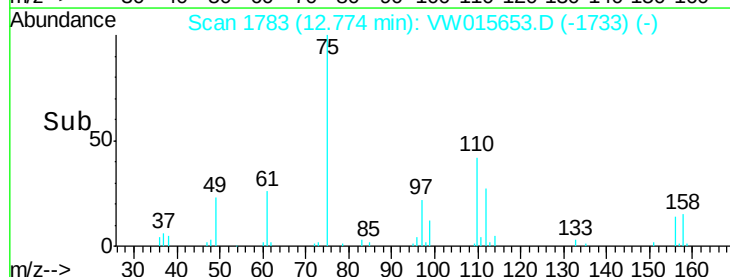
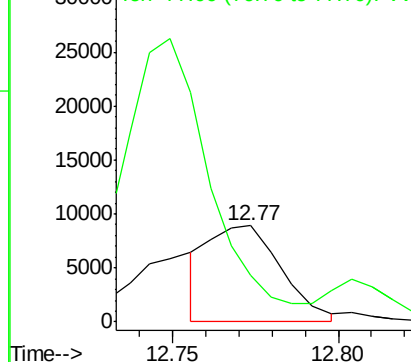
Lab File: VW015653.D

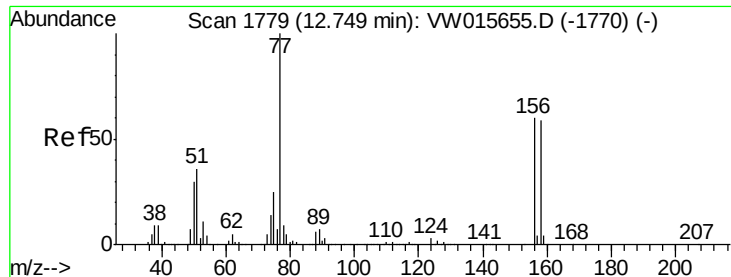
Acq: 23 Jun 2020 11:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 13682  |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 179.1 | 537.1# |



Abundance Ion 74.90 (74.60 to 75.60): VW  
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.745 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

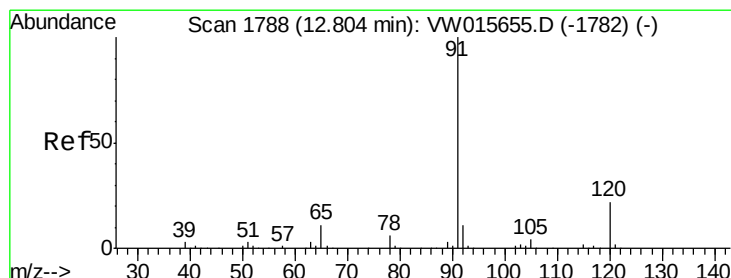
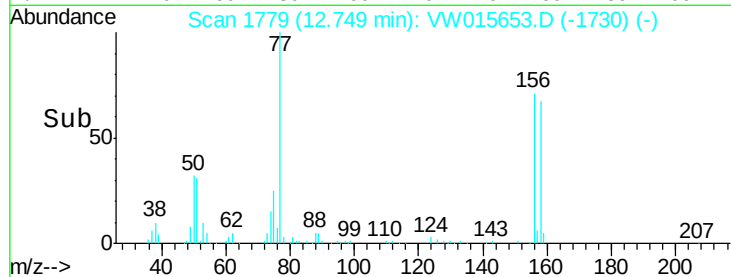
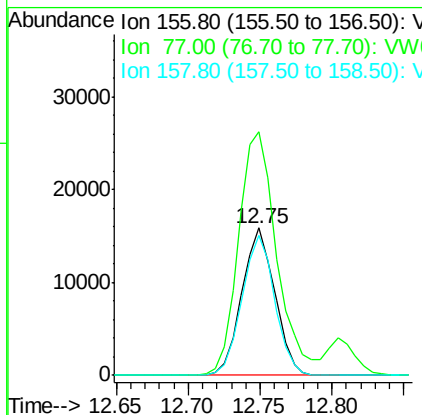
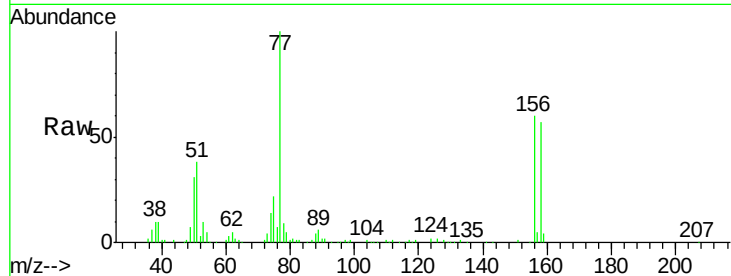
ClientSampleId :

VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 193.3 | 94.5  | 283.5 |
| 158     | 94.3  | 47.9  | 143.6 |

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#78

n-propylbenzene

Concen: 10.387 ug/l

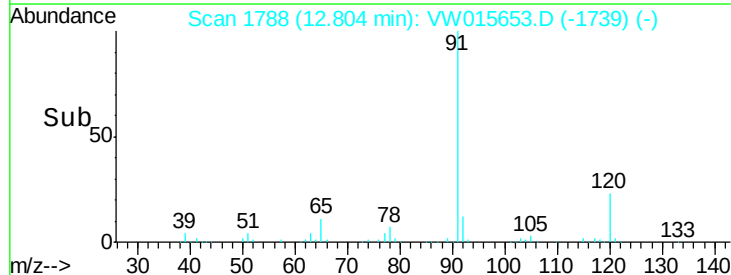
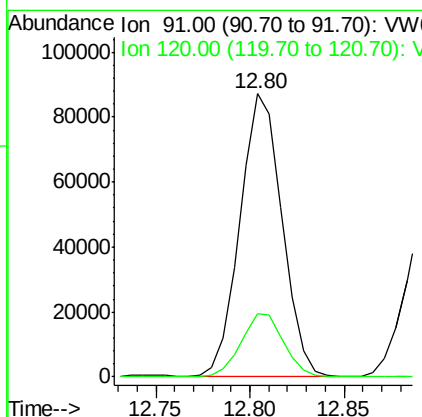
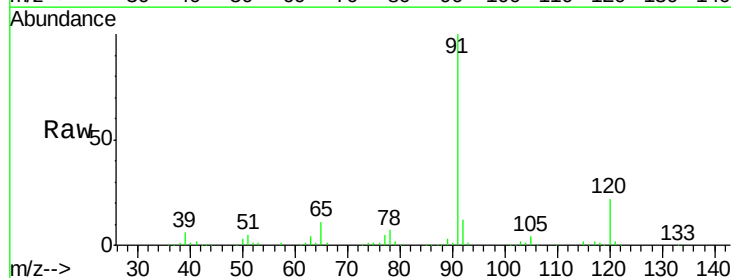
RT: 12.80 min Scan# 1788

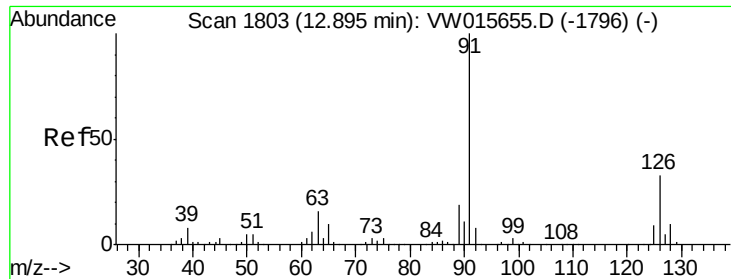
Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.7  | 11.2  | 33.5  |





#79

2-Chlorotoluene

Concen: 10.544 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 77150

Ion Ratio Lower Upper

91 100

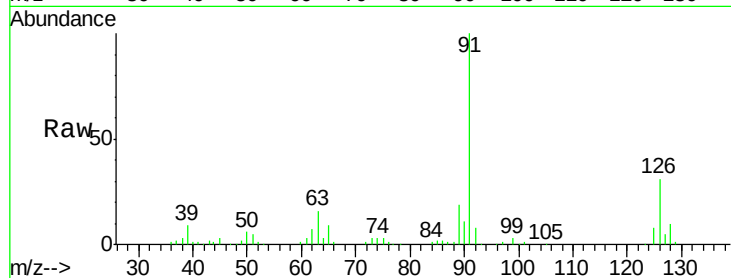
126 33.4 16.6 49.8

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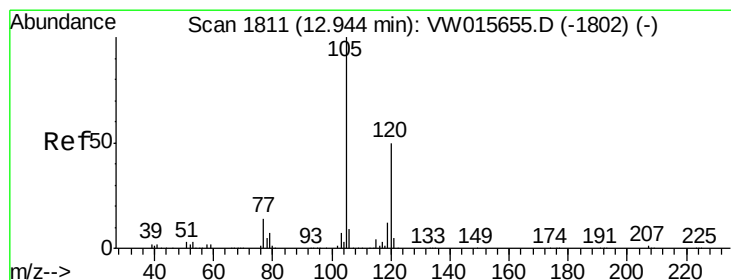
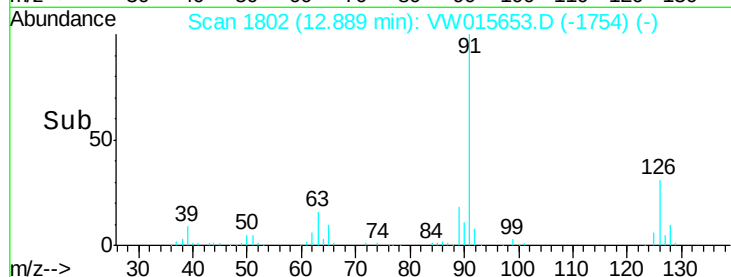
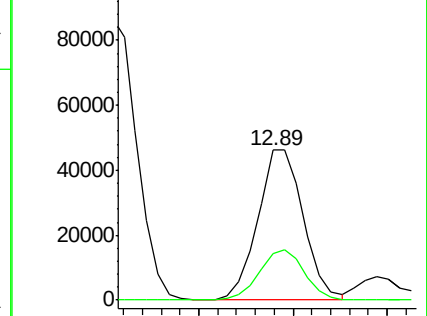
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.548 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015653.D

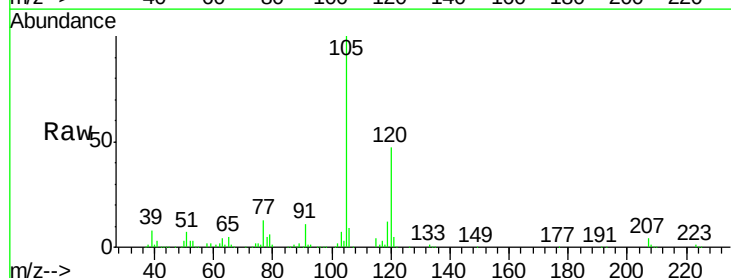
Acq: 23 Jun 2020 11:16

Tgt Ion:105 Resp: 96413

Ion Ratio Lower Upper

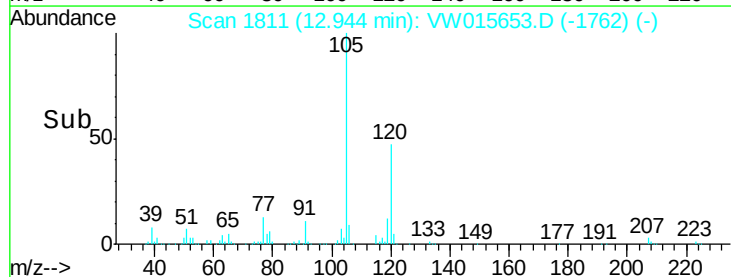
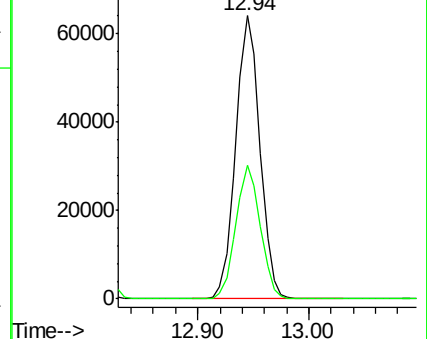
105 100

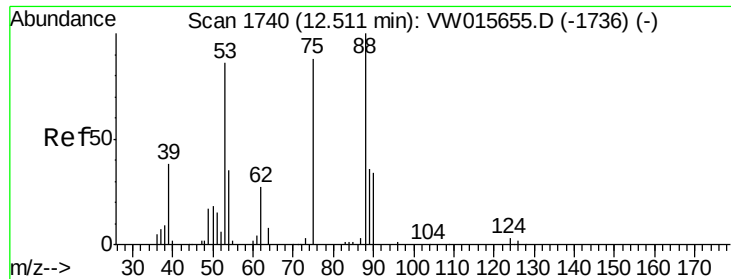
120 47.5 24.4 73.2



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: 8.743 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

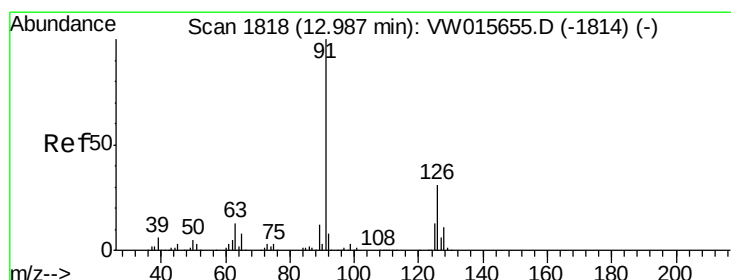
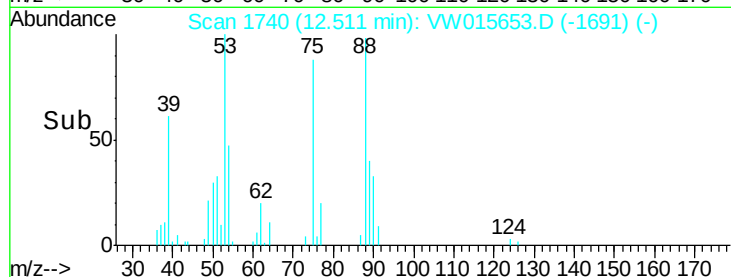
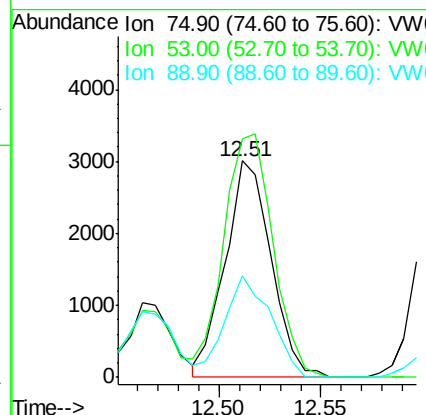
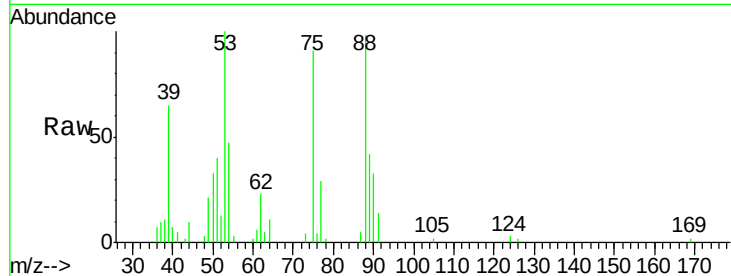
ClientSampleId :

VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 4694  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 120.7 | 83.8  | 125.8 |
| 89       | 46.9  | 36.6  | 55.0  |

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#82

4-Chlorotoluene

Concen: 10.802 ug/l

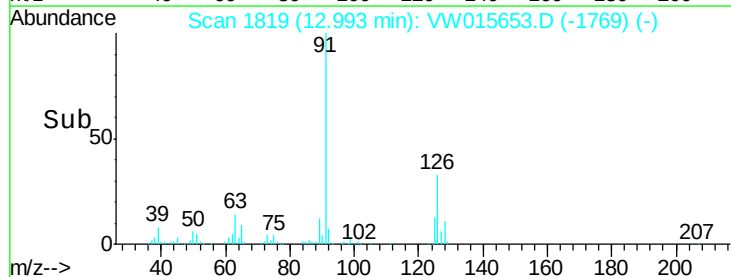
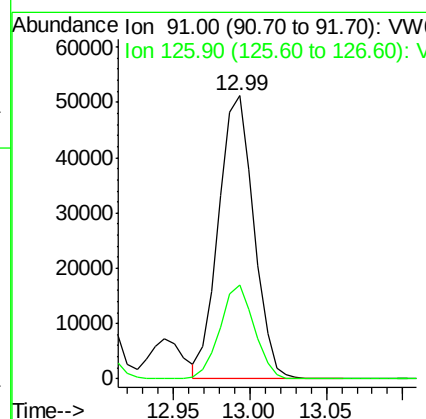
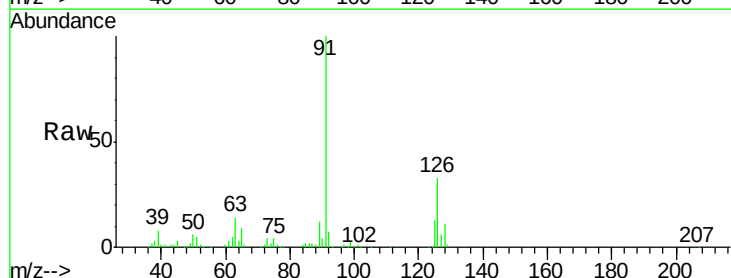
RT: 12.99 min Scan# 1819

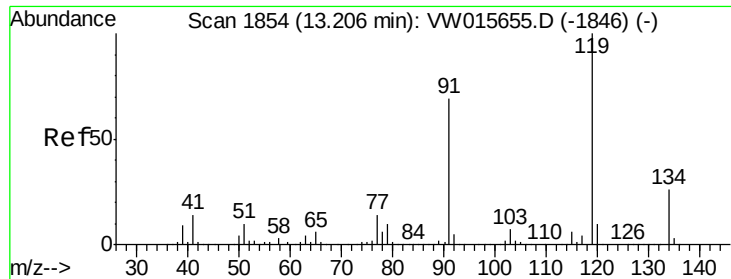
Delta R.T. 0.01 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 81927 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 32.3  | 16.3  | 48.9  |





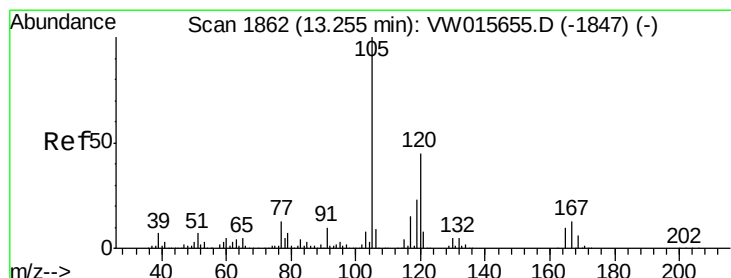
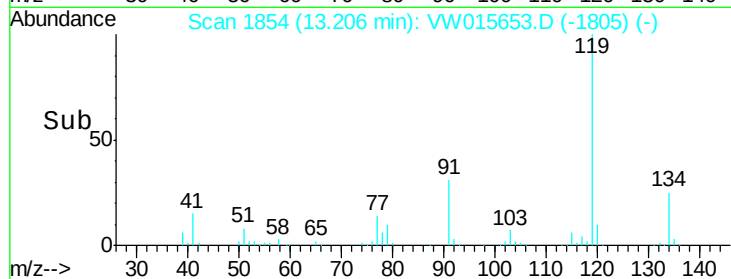
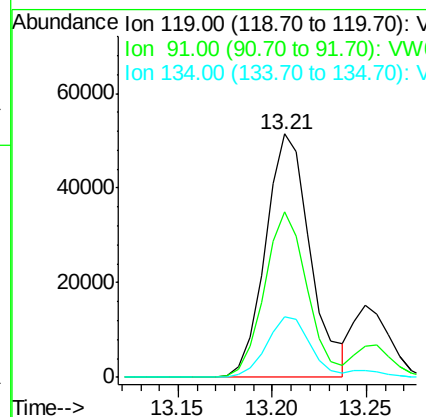
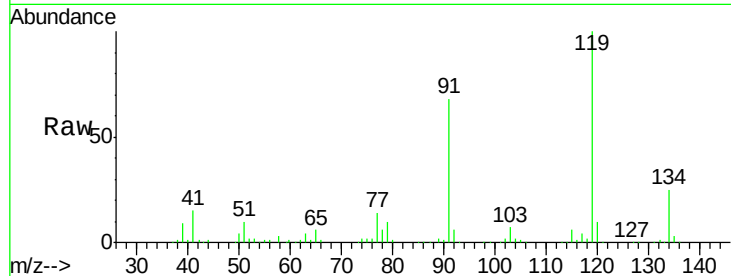
#83  
 tert-Butylbenzene  
 Concen: 10.887 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

Tot Ion:119 Resp: 84546  
 Ion Ratio Lower Upper  
 119 100  
 91 65.1 34.7 104.1  
 134 24.2 13.8 41.4

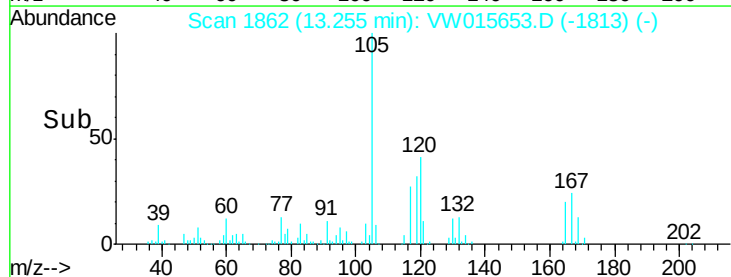
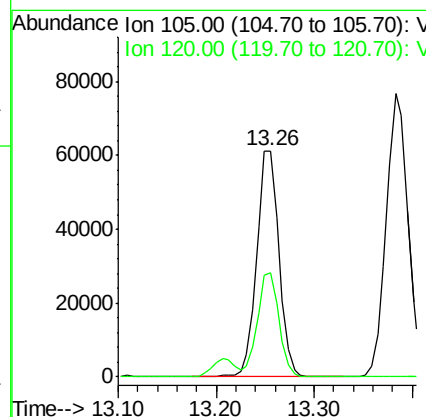
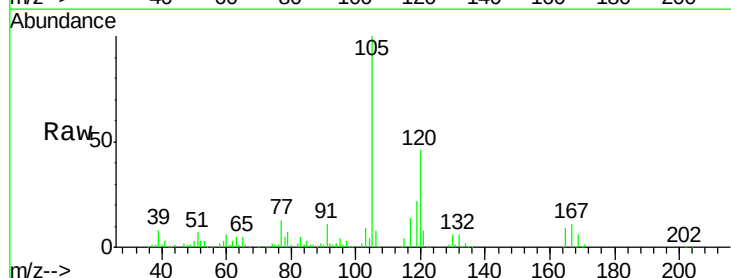
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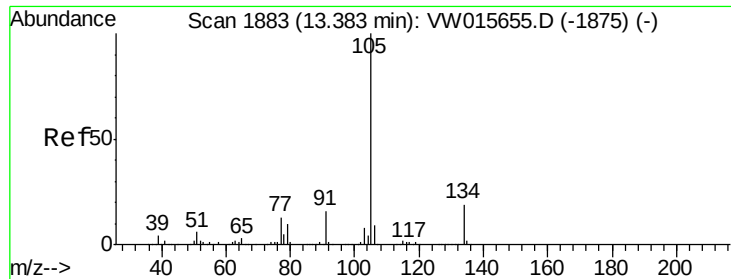
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 10.638 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Tgt Ion:105 Resp: 96981  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 10.698 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 118010

Ion Ratio Lower Upper

105 100

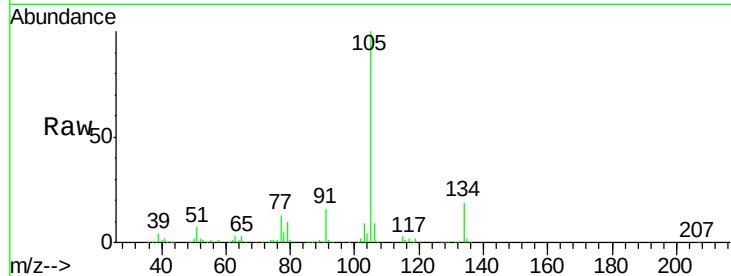
134 20.0 10.0 29.8

Manual Integrations

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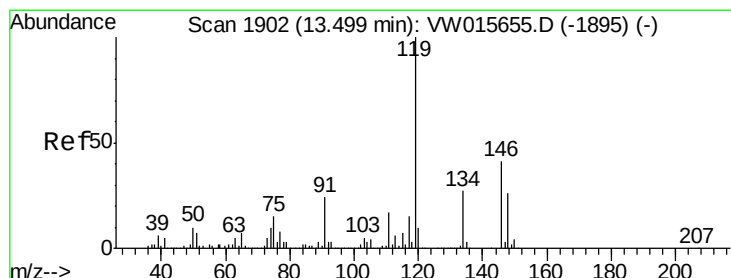
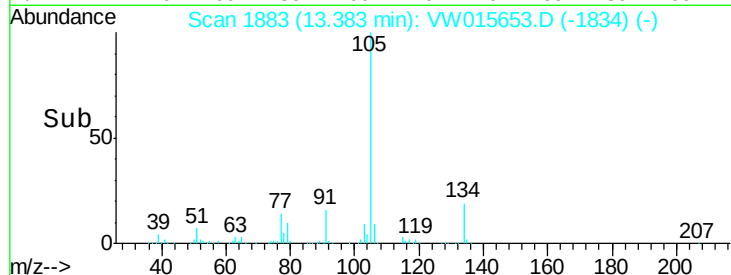
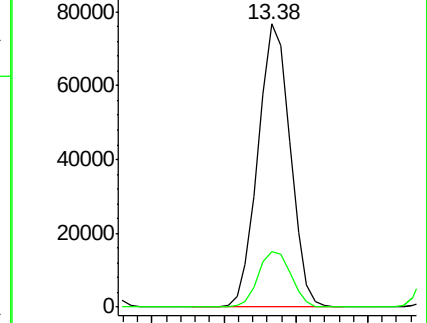
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.664 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

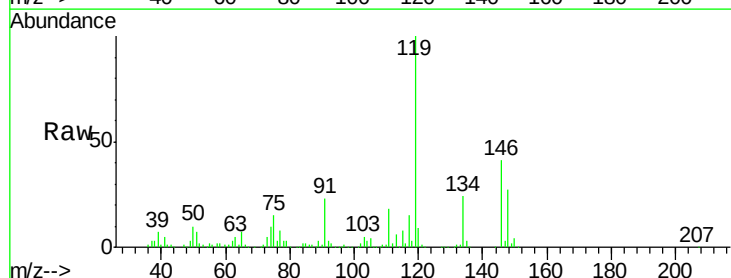
Tgt Ion:119 Resp: 107311

Ion Ratio Lower Upper

119 100

134 25.0 13.5 40.4

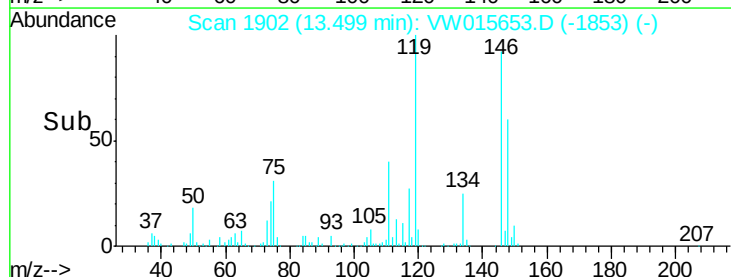
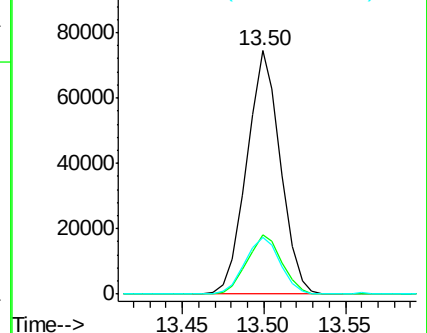
91 24.2 12.3 36.8

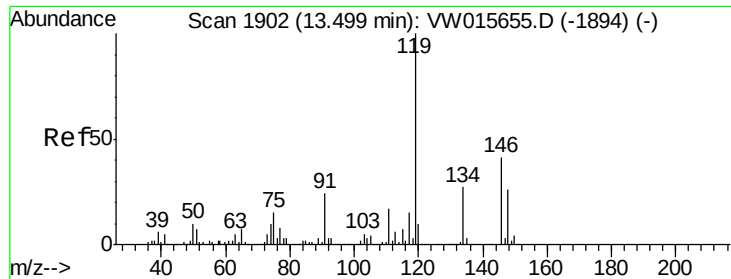


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 11.051 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

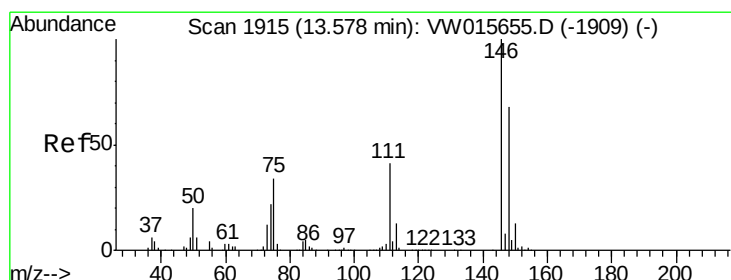
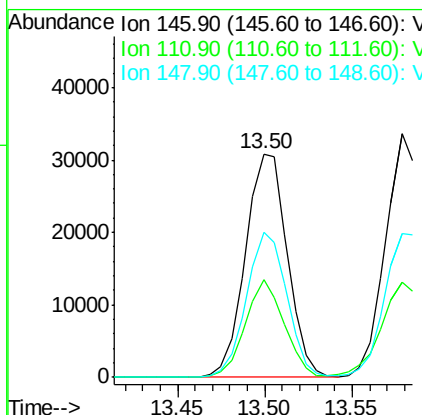
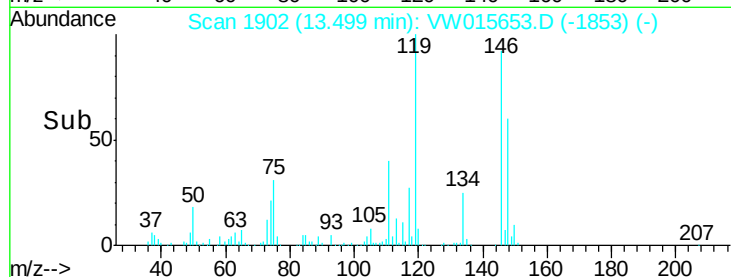
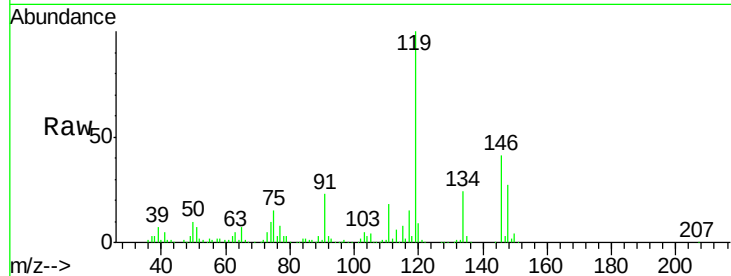
Instrument :  
MSVOA\_W

ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.5  | 20.3  | 60.8  |
| 148     | 62.9  | 31.6  | 94.7  |

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#88

1,4-Dichlorobenzene

Concen: 11.328 ug/l

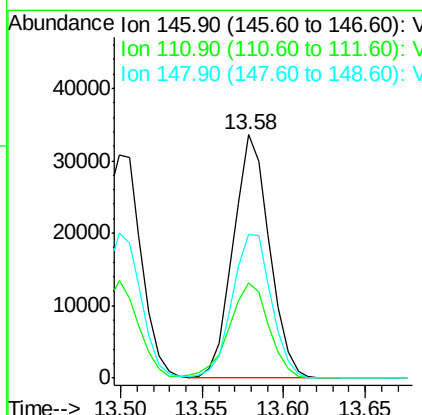
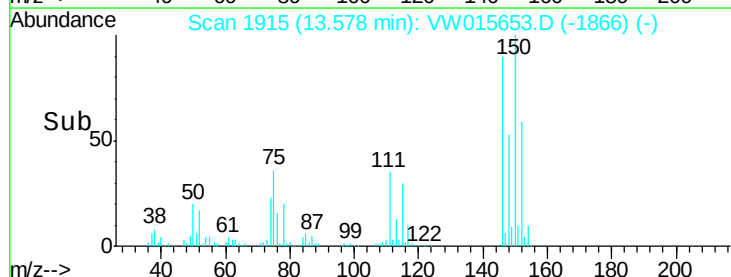
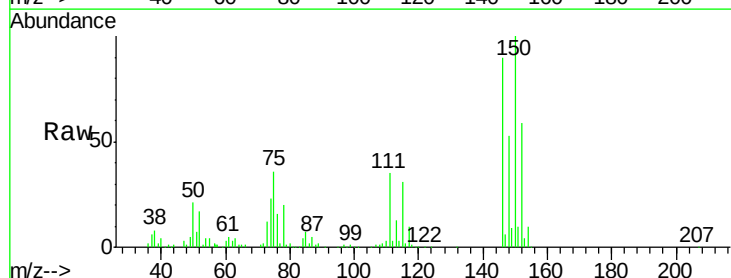
RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

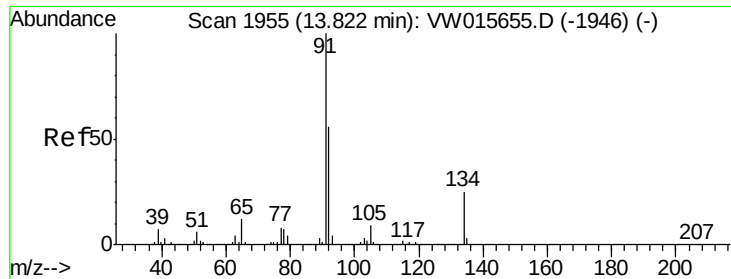
Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 20.3  | 60.9  |
| 148     | 63.6  | 33.7  | 101.1 |







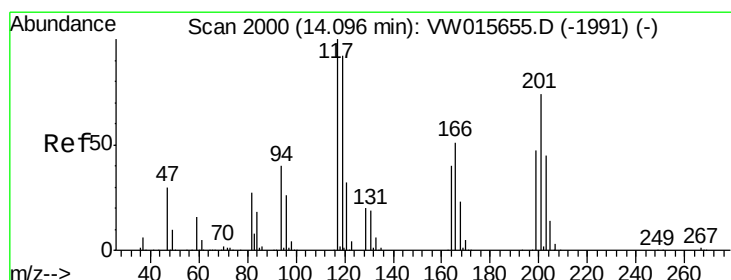
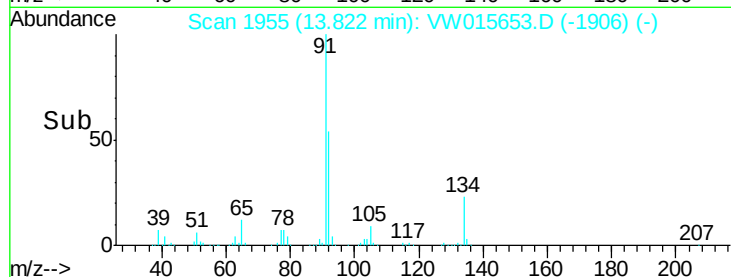
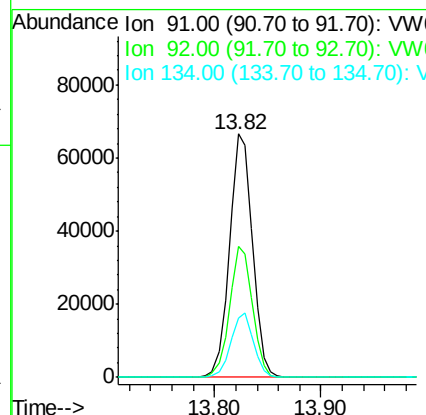
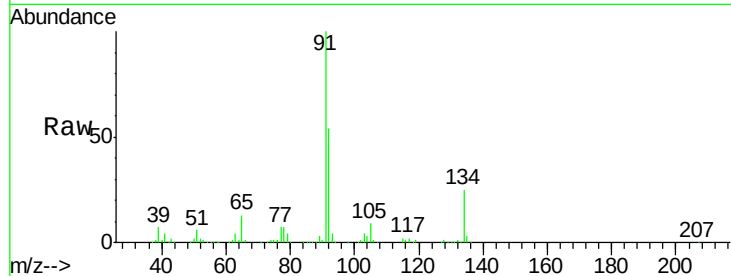
#89  
n-Butylbenzene  
Concen: 10.366 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.3  | 27.5  | 82.4  |
| 134     | 25.9  | 13.0  | 38.9  |

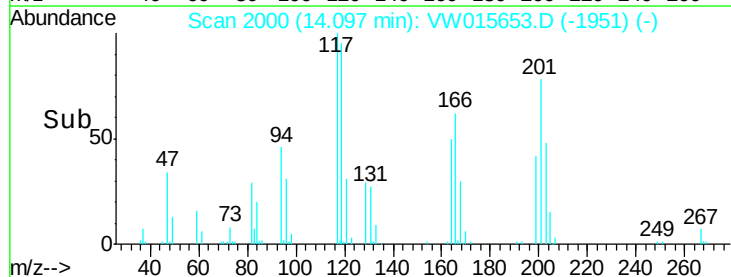
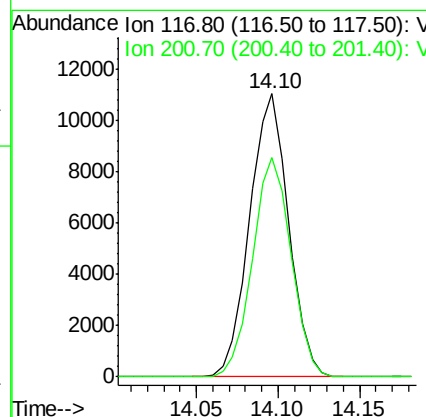
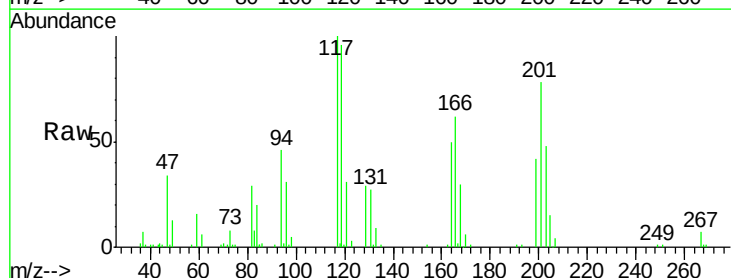
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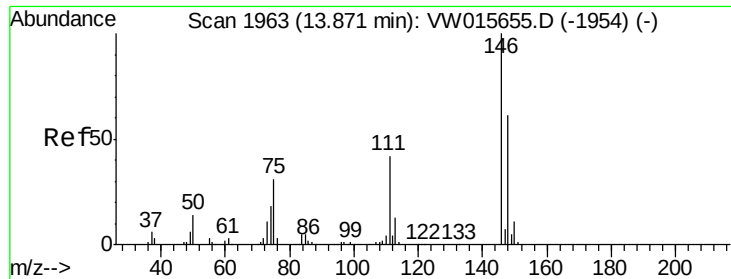
MMDadoda  
6/24/2020 10:58:10 AM



#90  
Hexachloroethane  
Concen: 9.945 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW015653.D  
Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 76.5  | 37.1  | 111.5 |





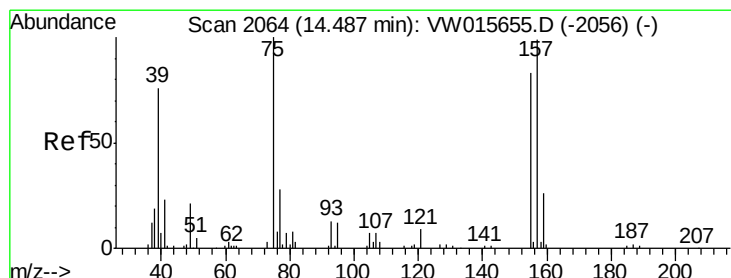
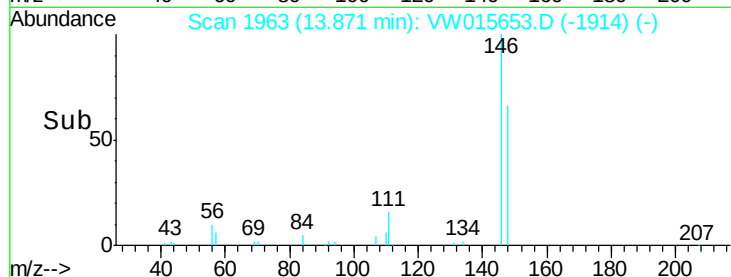
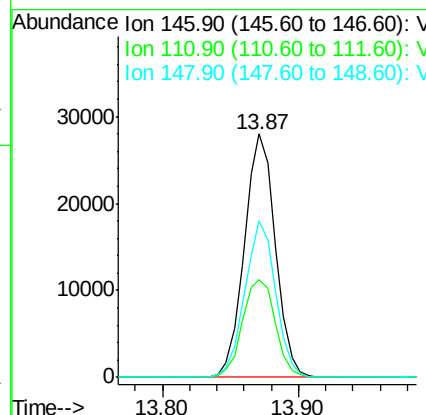
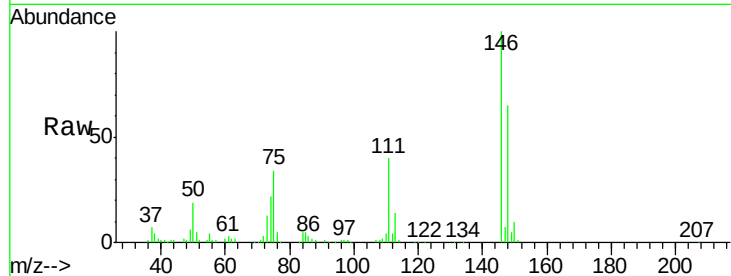
#91  
 1,2-Dichlorobenzene  
 Concen: 11.031 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.7  | 21.3  | 63.7  |
| 148     | 64.1  | 32.2  | 96.6  |

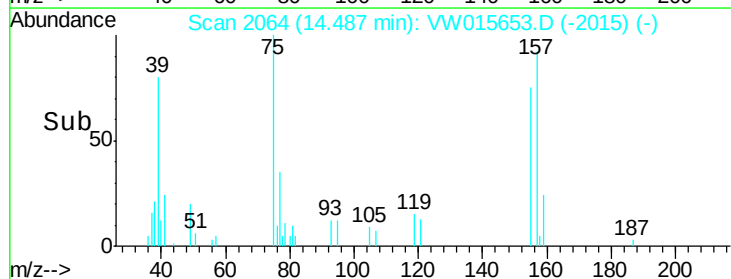
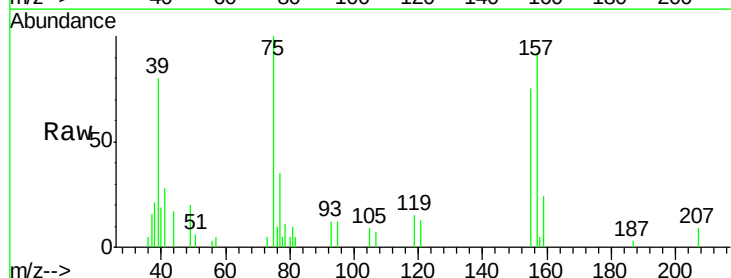
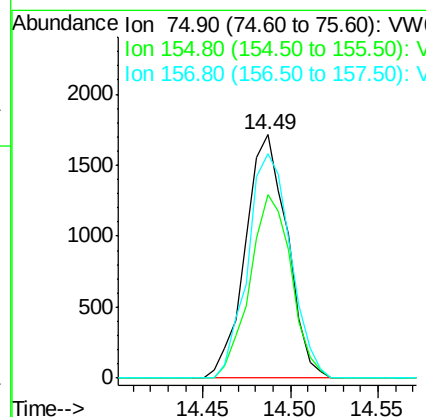
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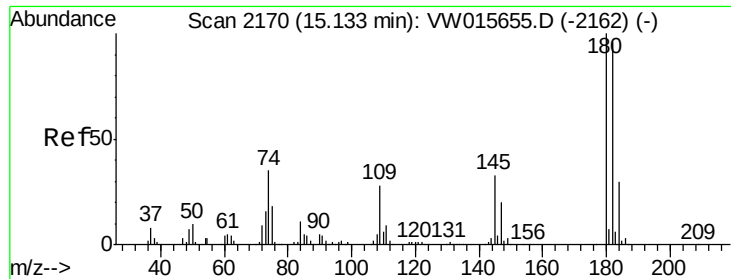
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 6/24/2020 10:58:10 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 10.251 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 74.3  | 40.8  | 122.2 |
| 157     | 94.2  | 50.7  | 152.1 |





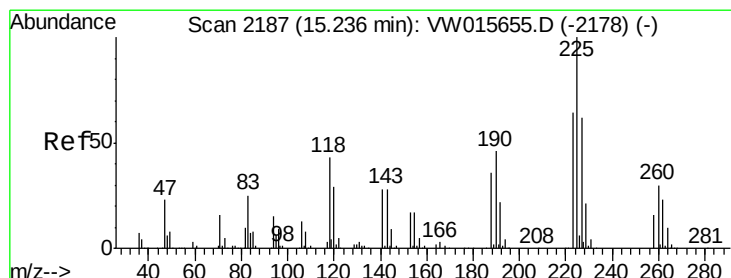
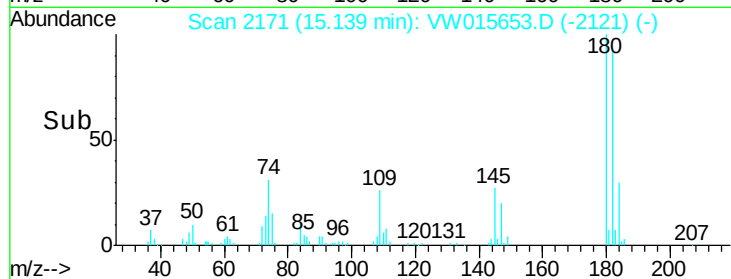
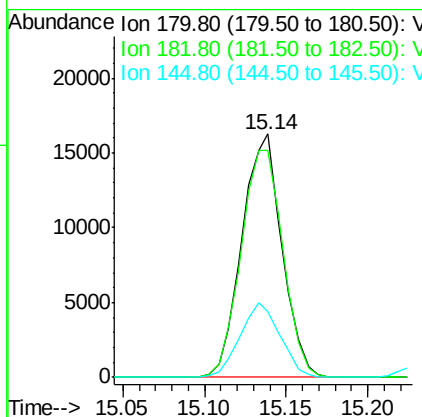
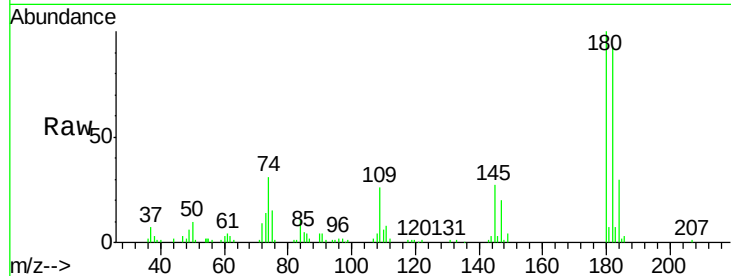
#93  
 1,2,4-Trichlorobenzene  
 Concen: 9.958 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.01 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.2  | 47.9  | 143.6 |
| 145     | 30.6  | 15.6  | 46.7  |

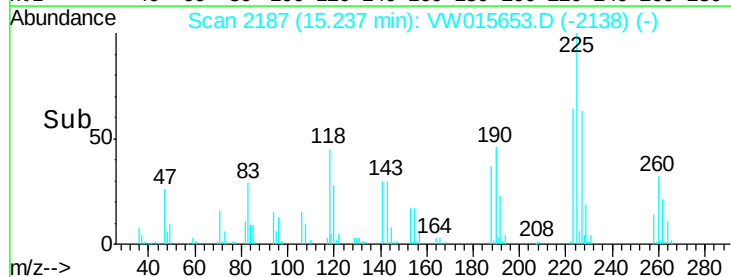
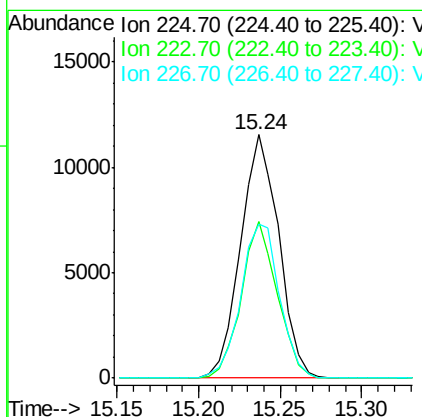
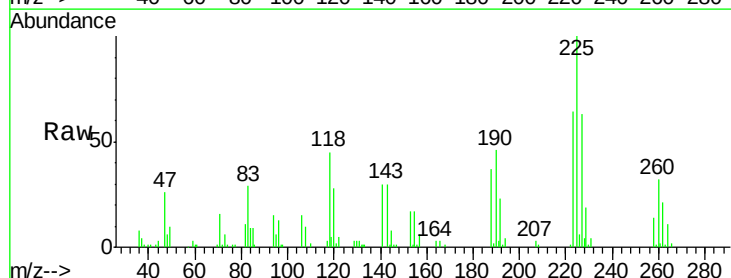
Manual Integrations  
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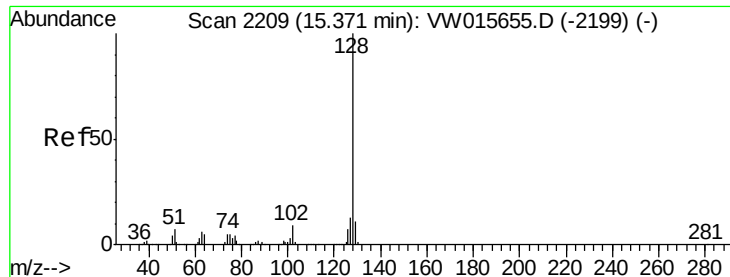
MMDadoda  
 6/24/2020 10:58:10 AM



#94  
 Hexachlorobutadiene  
 Concen: 10.992 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. 0.00 min  
 Lab File: VW015653.D  
 Acq: 23 Jun 2020 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.7  | 31.0  | 93.0  |
| 227     | 64.1  | 31.9  | 95.9  |





#95

Naphthalene

Concen: 9.578 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

Instrument :

MSVOA\_W

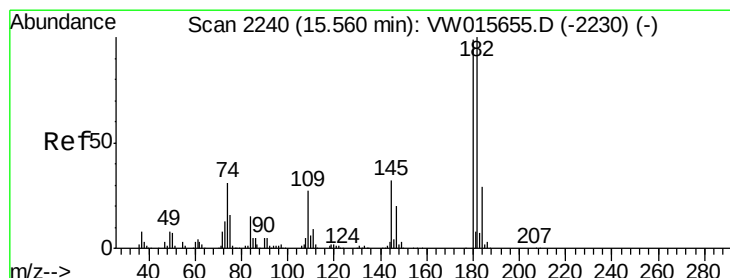
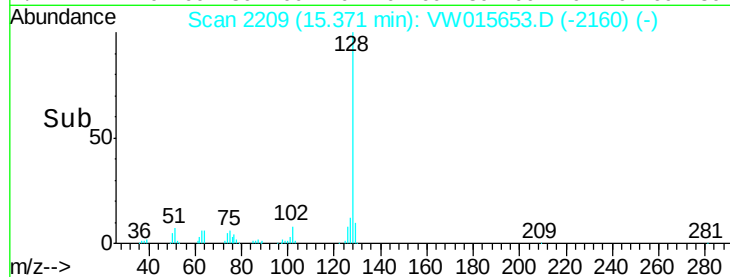
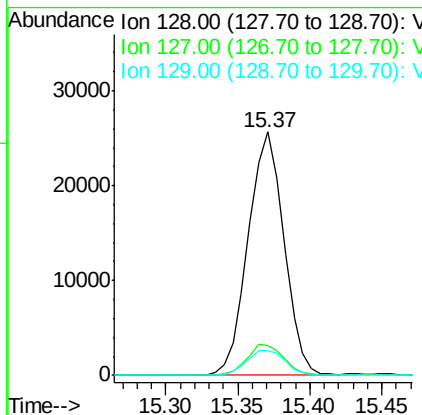
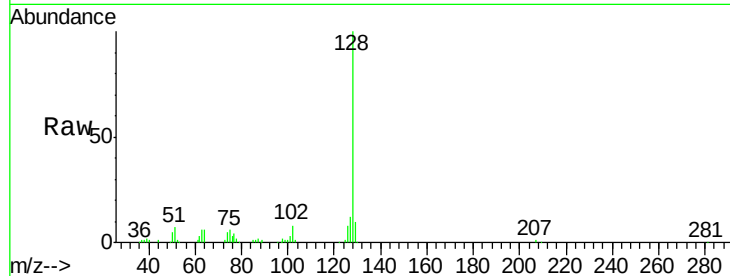
ClientSampleId :

VSTDIC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 44266 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.1  | 10.5  | 15.7  |
| 129       | 11.0  | 8.8   | 13.2  |

Manual Integrations  
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6/24/2020 10:58:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 10.655 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW015653.D

Acq: 23 Jun 2020 11:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 24764 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.6  | 49.0  | 147.0 |
| 145       | 31.4  | 16.4  | 49.2  |

