

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\  
 Data File : VW015646.D  
 Acq On : 22 Jun 2020 13:47  
 Operator : SY/VA  
 Sample : VW0622SBSD01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2020 11:00:55 AM

Quant Time: Jun 23 05:56:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060220S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 02 13:57:56 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 210660   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 339301   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 308423   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 153808   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 122286   | 54.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.84% |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 107793   | 53.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.80% |      |
| 50) Toluene-d8            | 10.32  | 98  | 439886   | 54.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.80% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 159003   | 54.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.24% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 23115  | 19.642  | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50  | 28627  | 19.792  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.37 | 62  | 47296  | 20.982  | ug/l   | 100    |
| 5) Bromomethane               | 2.78 | 94  | 35626  | 22.418  | ug/l   | 96     |
| 6) Chloroethane               | 2.93 | 64  | 31218  | 21.394  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 36265  | 21.558  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.68 | 74  | 20262  | 19.860  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 41741  | 20.395  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.28 | 142 | 58268  | 19.282  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.21 | 59  | 13584  | 68.556  | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 40677  | 19.971  | ug/l   | 98     |
| 13) Acrolein                  | 3.90 | 56  | 13897  | 102.247 | ug/l   | 98     |
| 14) Allyl chloride            | 4.67 | 41  | 65720  | 18.970  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.38 | 53  | 42103  | 99.807  | ug/l   | 99     |
| 16) Acetone                   | 4.14 | 43  | 41267  | 81.207  | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 116262 | 19.112  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.68 | 43  | 19926  | 19.956  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 63082  | 19.957  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.92 | 84  | 48905  | 20.984  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 45812  | 19.879  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.32 | 45  | 129175 | 19.732  | ug/l   | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 379722 | 97.827  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 81863  | 19.846  | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 57563  | 96.326  | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 56627  | 19.546  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 49090  | 19.583  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.51 | 49  | 31837  | 20.565  | ug/l # | 100    |
| 29) Tetrahydrofuran           | 7.54 | 42  | 34678  | 97.882  | ug/l   | 99     |
| 30) Chloroform                | 7.68 | 83  | 83403  | 20.141  | ug/l   | 100    |
| 31) Cyclohexane               | 7.96 | 56  | 78081  | 19.384  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 73072  | 20.431  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 67699  | 19.720  | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 26377  | 19.797  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 66983  | 19.928  | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\  
 Data File : VW015646.D  
 Acq On : 22 Jun 2020 13:47  
 Operator : SY/VA  
 Sample : VW0622SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0622SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2020 11:00:55 AM

Quant Time: Jun 23 05:56:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060220S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 02 13:57:56 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 82552    | 19.499  | ug/l   | 96       |
| 40) Benzene                    | 8.33  | 78   | 185619   | 20.036  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 15538    | 20.303  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 57641    | 20.386  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 52409    | 19.800  | ug/l   | 98       |
| 44) Trichloroethene            | 9.10  | 130  | 49035    | 19.836  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 45258    | 20.027  | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 23821    | 20.648  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 59777    | 19.148  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 23892    | 19.747  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 6249     | 356.372 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 125114   | 99.489  | ug/l   | 98       |
| 52) Toluene                    | 10.39 | 92   | 122575   | 20.512  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 58074    | 18.872  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 68840    | 18.985  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 33503    | 20.804  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 40618    | 19.391  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 58379    | 20.472  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 101493   | 101.337 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 85156    | 97.897  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 38190    | 19.435  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 31007    | 20.119  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.87 | 164  | 42746    | 20.684  | ug/l   | 90       |
| 65) Chlorobenzene              | 11.66 | 112  | 127193   | 20.230  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 44474    | 19.793  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 237229   | 20.053  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 177913   | 40.249  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 81329    | 19.751  | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 138700   | 19.722  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 20214    | 18.716  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.47 | 105  | 228109   | 19.397  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 48016    | 19.022  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 36683    | 20.244  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 27318m   | 21.062  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 50641    | 19.942  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.80 | 91   | 280007   | 19.929  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 156394   | 19.611  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 197733   | 19.952  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 10176    | 16.899  | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 164381   | 19.965  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 163020   | 19.275  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 198886   | 20.082  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 238558   | 19.987  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 217951   | 19.935  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 100794   | 20.008  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 98626    | 19.650  | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.82 | 91   | 210527   | 20.060  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.10 | 117  | 37739    | 18.765  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 87544    | 19.903  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 5886     | 18.841  | ug/l   | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062220\  
Data File : VW015646.D  
Acq On : 22 Jun 2020 13:47  
Operator : SY/VA  
Sample : VW0622SBSD01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBSD01

Manual Integrations  
APPROVED

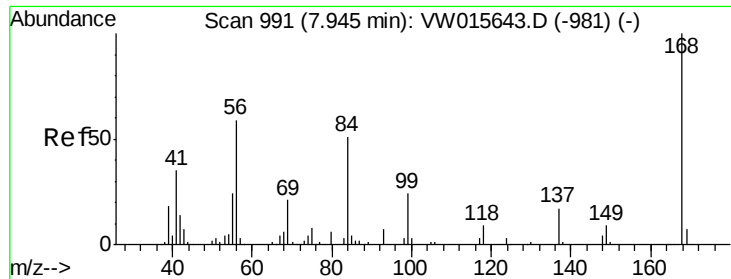
MMDadoda  
6/23/2020 11:00:55 AM

Quant Time: Jun 23 05:56:37 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W060220S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 02 13:57:56 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 57705    | 19.098 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 36636    | 19.883 | ug/l  | 98       |
| 95) Naphthalene            | 15.37 | 128  | 92999    | 18.199 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 48241    | 18.954 | 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. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBSD01

Tot Ion:168 Resp: 210660

Ion Ratio Lower Upper

168 100

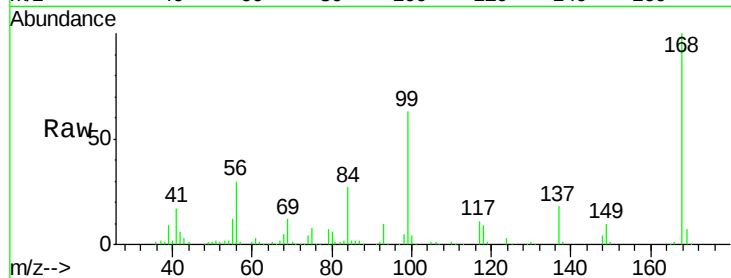
99 62.5 48.6 73.0

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 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

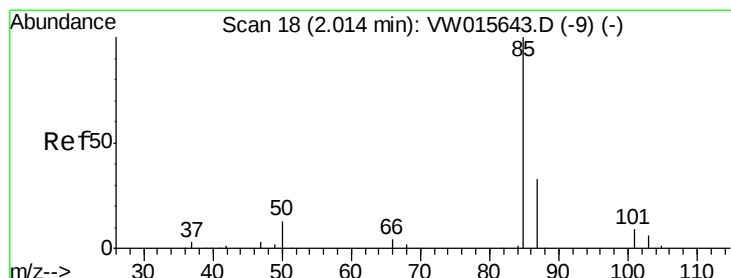
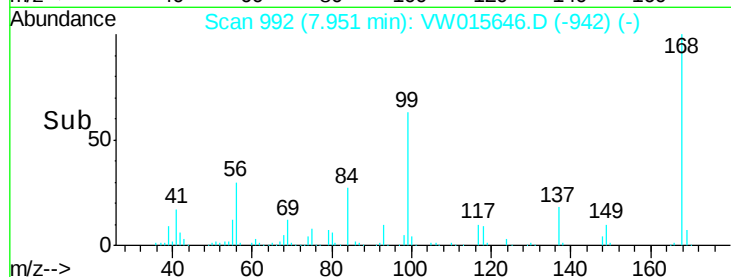
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.642 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015646.D

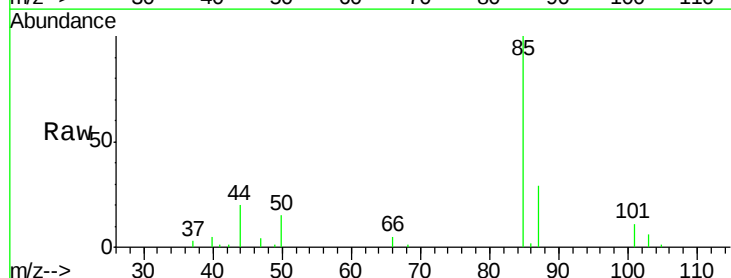
Acq: 22 Jun 2020 13:47

Tgt Ion: 85 Resp: 23115

Ion Ratio Lower Upper

85 100

87 29.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

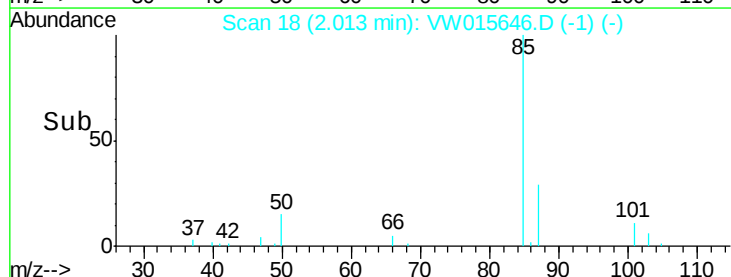
4000

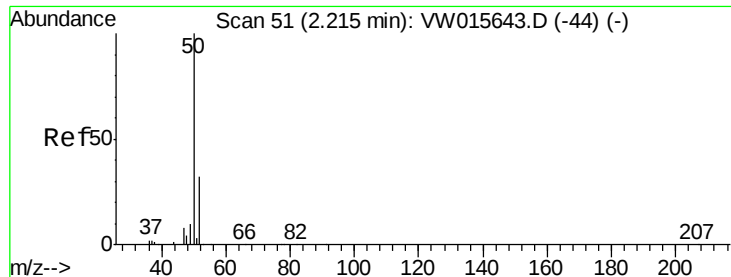
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.792 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBSD01

Tot Ion: 50 Resp: 28627

Ion Ratio Lower Upper

50 100

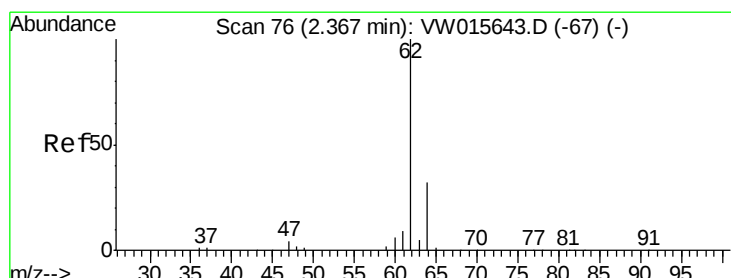
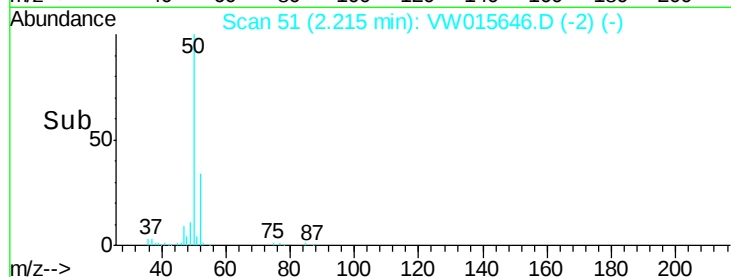
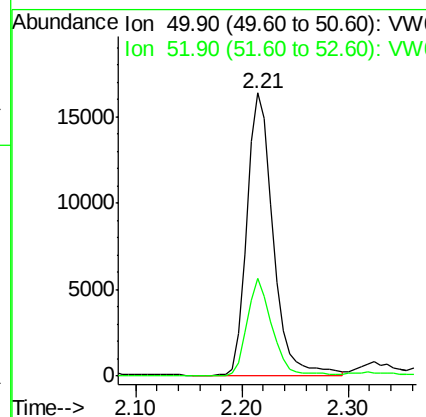
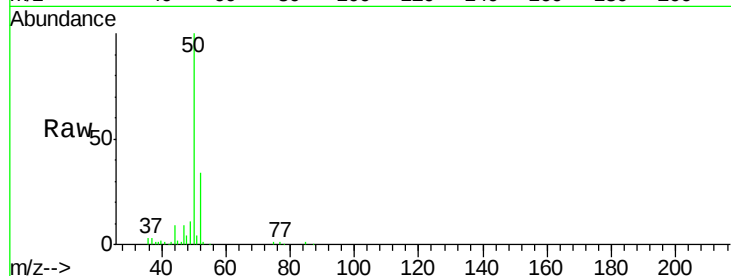
52 34.5 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 AM



#4

Vinyl Chloride

Concen: 20.982 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015646.D

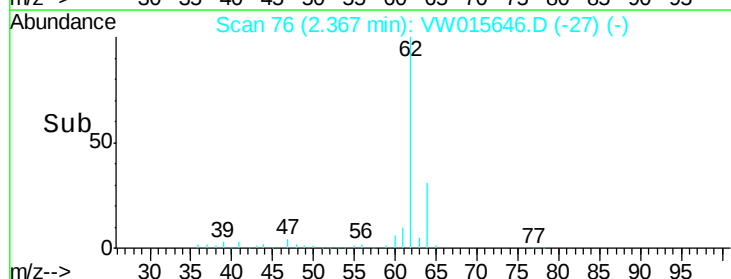
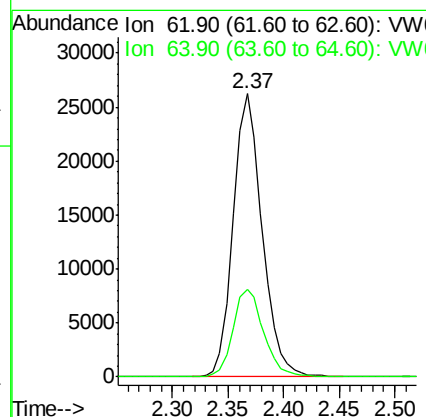
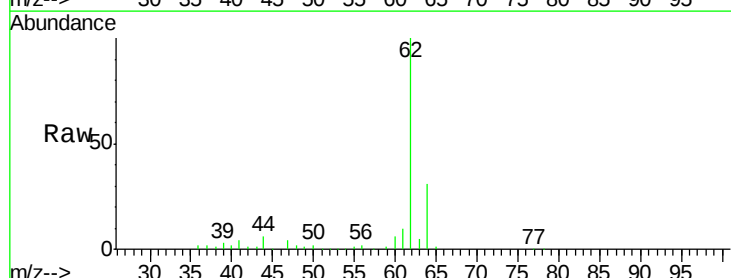
Acq: 22 Jun 2020 13:47

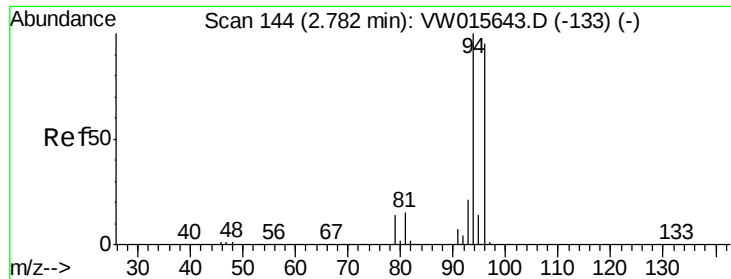
Tgt Ion: 62 Resp: 47296

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 22.418 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBSD01

Tot Ion: 94 Resp: 35626

Ion Ratio Lower Upper

94 100

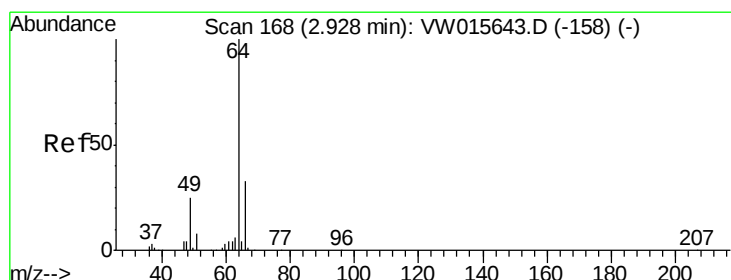
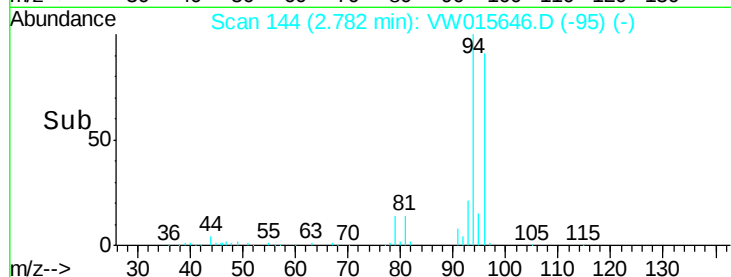
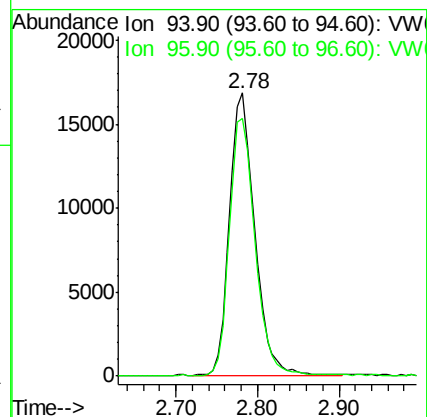
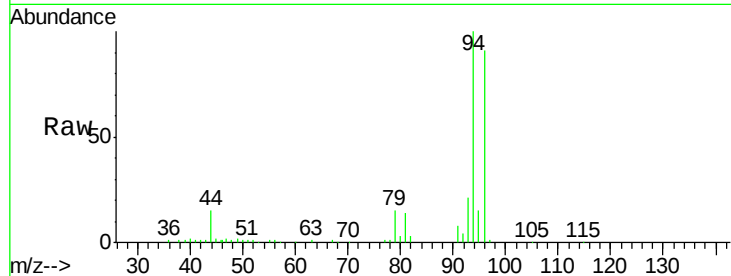
96 91.3 76.0 114.0

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 AM



#6

Chloroethane

Concen: 21.394 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015646.D

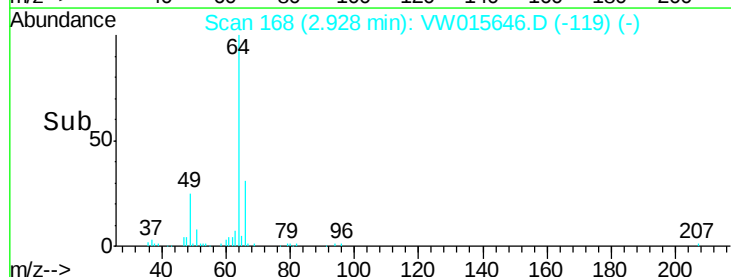
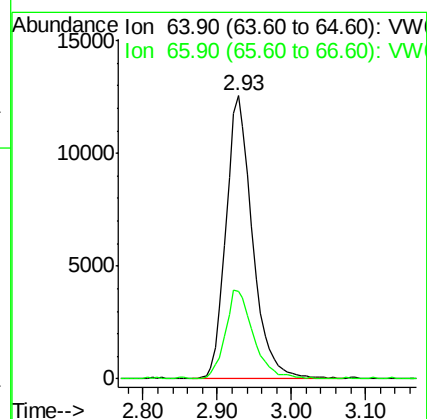
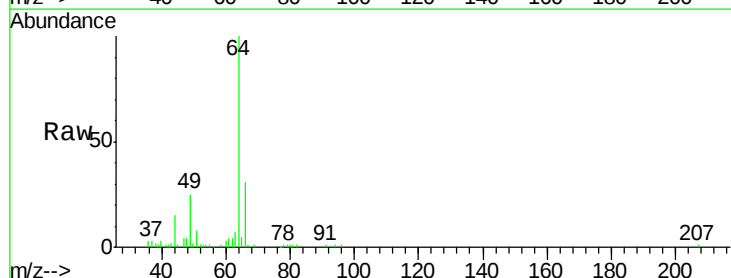
Acq: 22 Jun 2020 13:47

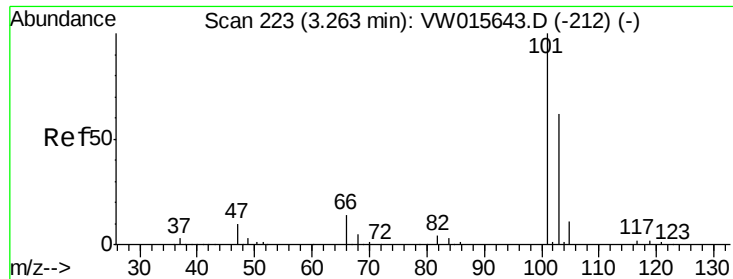
Tgt Ion: 64 Resp: 31218

Ion Ratio Lower Upper

64 100

66 31.1 26.8 40.2





#7

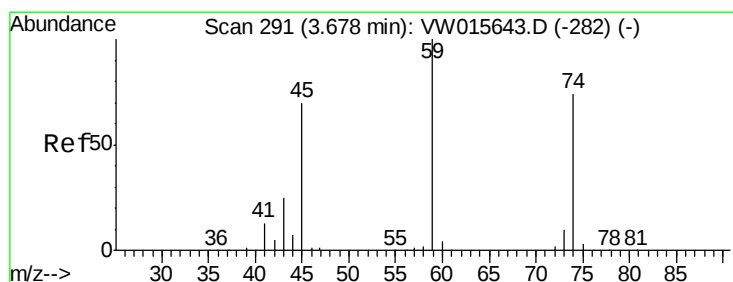
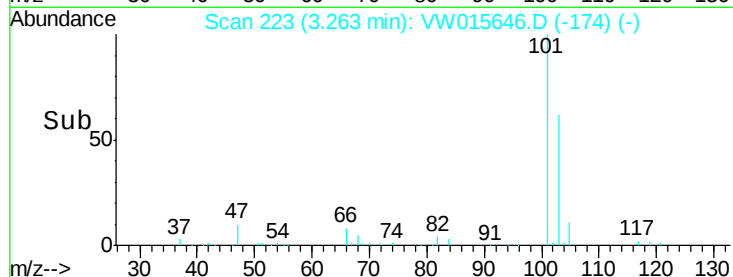
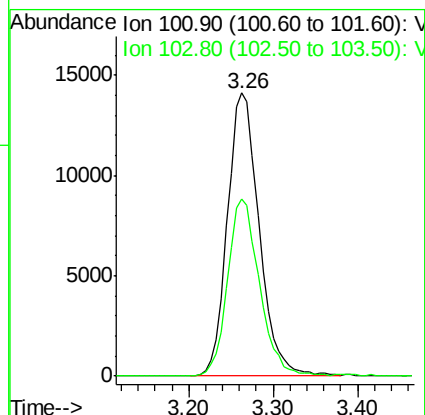
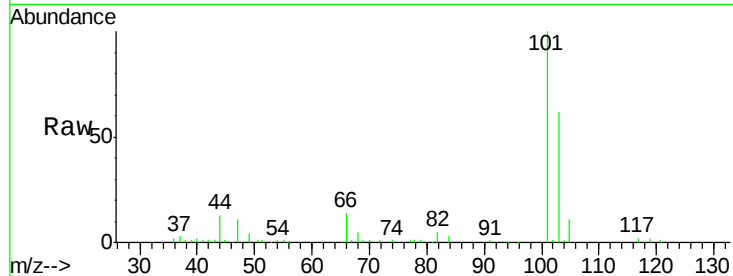
Trichlorofluoromethane  
Concen: 21.558 ug/l  
RT: 3.26 min Scan# 223  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBSD01

Tot Ion:101 Resp: 36265  
Ion Ratio Lower Upper  
101 100  
103 62.4 50.2 75.2

Manual Integrations  
APPROVED

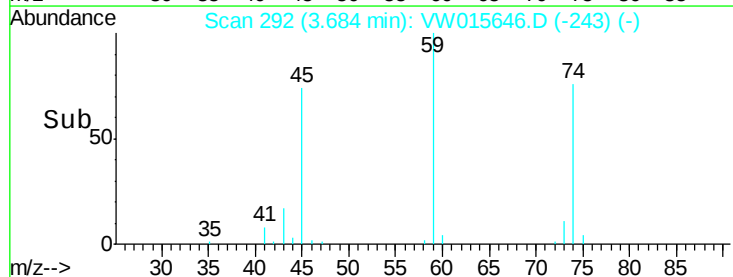
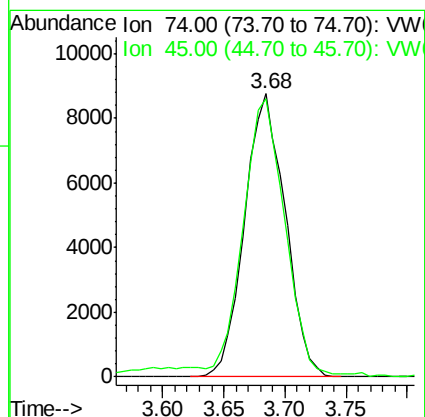
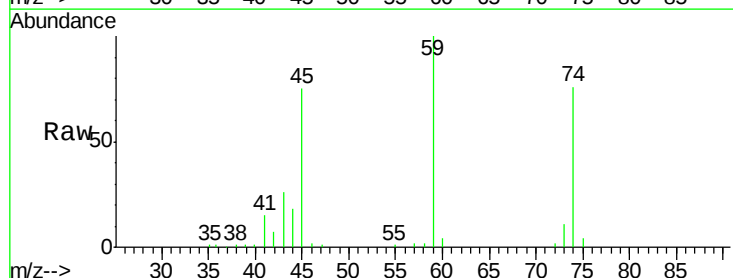
MMDadoda  
6/23/2020 11:00:55 AM

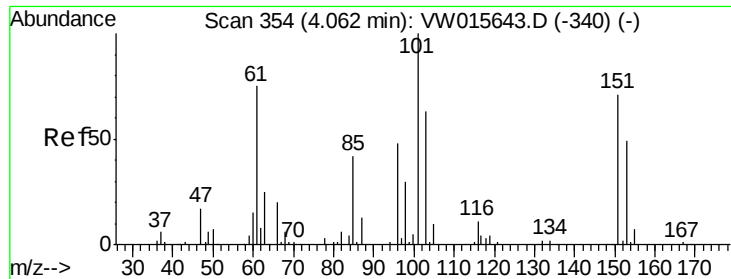


#8

Diethyl Ether  
Concen: 19.860 ug/l  
RT: 3.68 min Scan# 292  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Tgt Ion: 74 Resp: 20262  
Ion Ratio Lower Upper  
74 100  
45 97.9 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.395 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

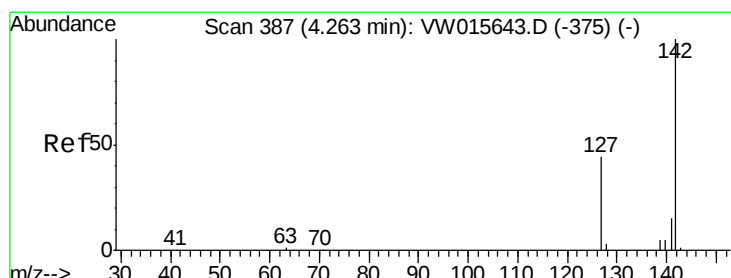
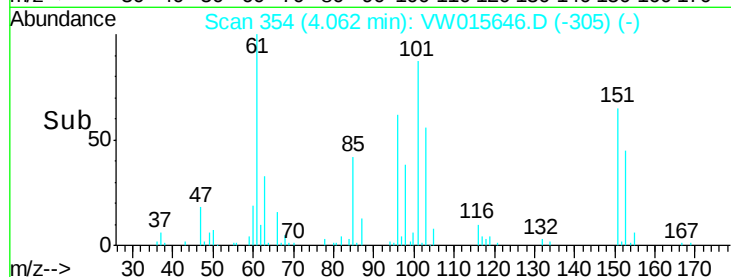
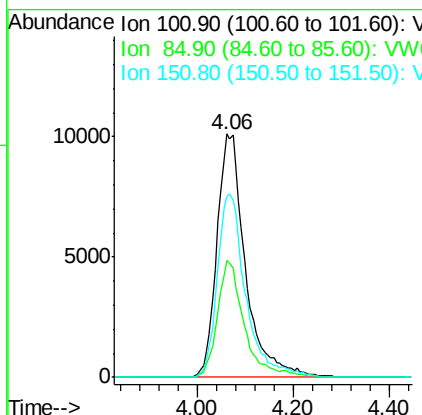
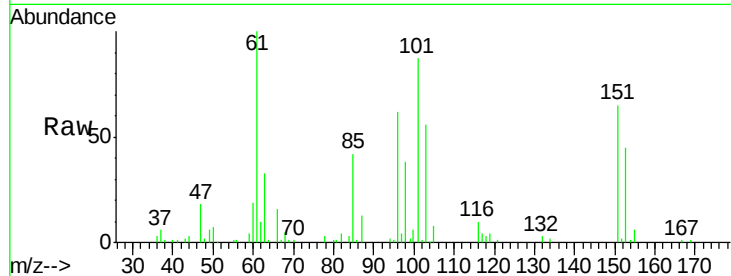
ClientSampleId :

VW0622SBSD01

|             |       |       |
|-------------|-------|-------|
| Tot Ion:101 | Resp: | 41741 |
| Ion Ratio   | Lower | Upper |
| 101 100     |       |       |
| 85 43.4     | 37.0  | 55.6  |
| 151 75.3    | 61.1  | 91.7  |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#10

Methyl Iodide

Concen: 19.282 ug/l

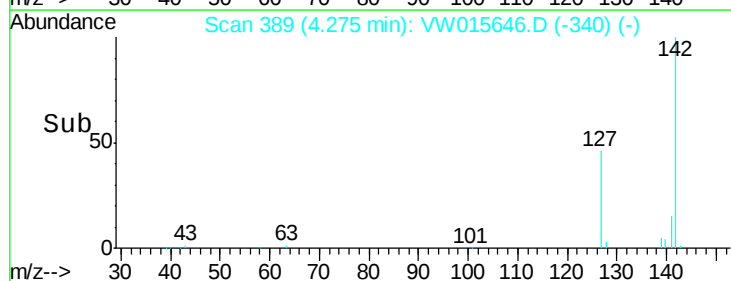
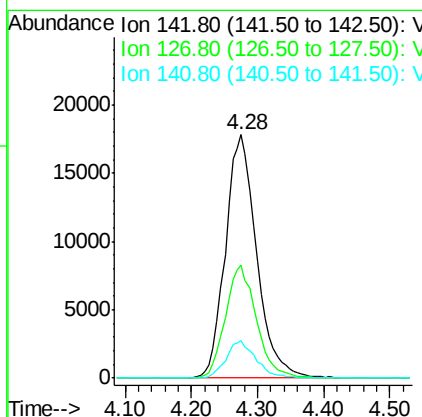
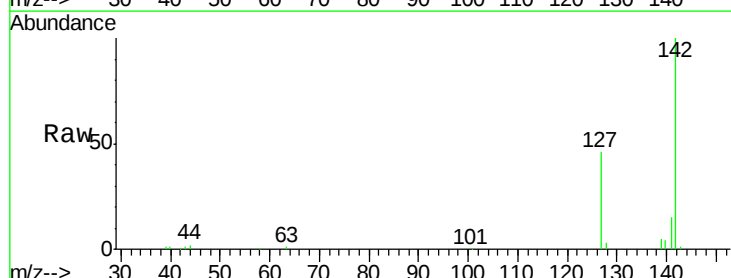
RT: 4.28 min Scan# 389

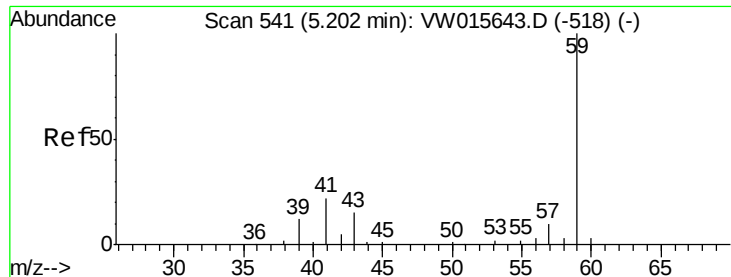
Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:142 | Resp: | 58268 |
| Ion Ratio   | Lower | Upper |
| 142 100     |       |       |
| 127 45.9    | 36.9  | 55.3  |
| 141 14.6    | 11.7  | 17.5  |





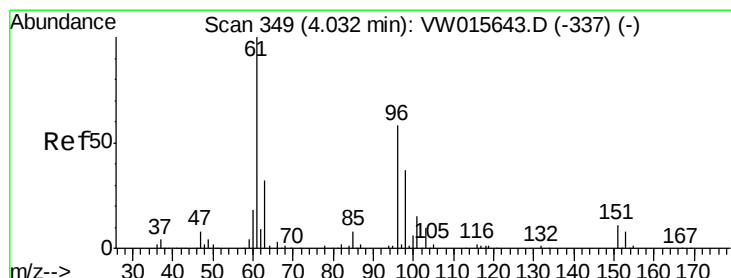
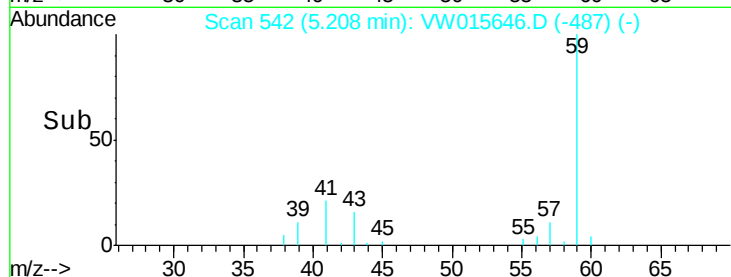
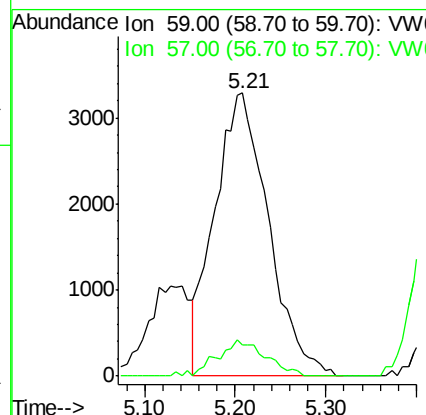
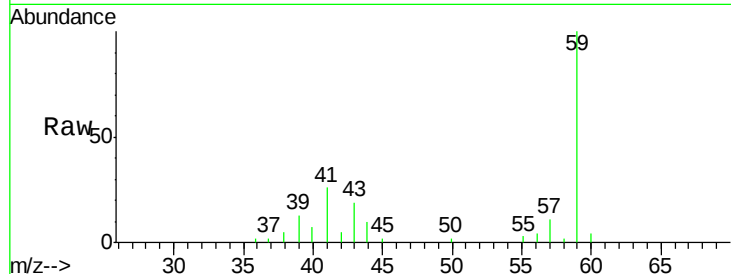
#11  
Tert butyl alcohol  
Concen: 68.556 ug/l  
RT: 5.21 min Scan# 542  
Delta R.T. 0.04 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleID :  
VW0622SBS01

| Tot Ion | 59 | 57 | Ratio | 100 | 11.3 | Resp | Lower | Upper |
|---------|----|----|-------|-----|------|------|-------|-------|
| 13584   |    |    |       |     |      |      |       |       |
|         |    |    |       |     |      |      | 8.3   | 12.5  |

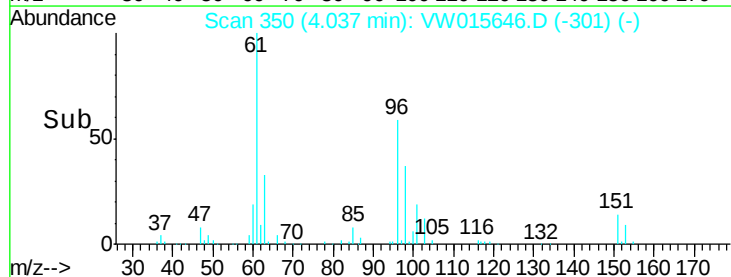
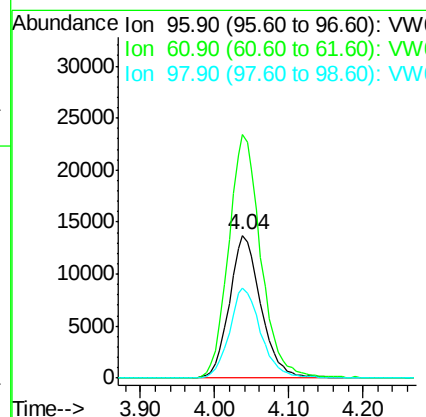
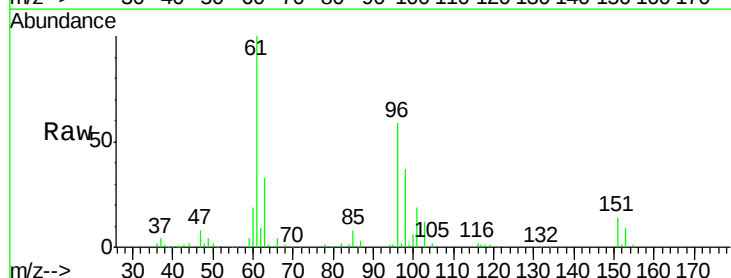
Manual Integrations  
APPROVED

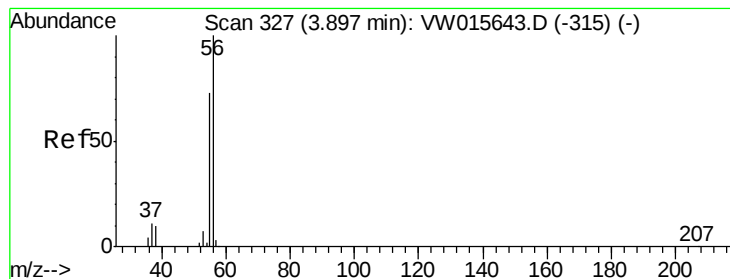
MMDadoda  
6/23/2020 11:00:55 AM



#12  
1,1-Dichloroethene  
Concen: 19.971 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 170.5 | 63.0 | Resp | Lower | Upper |
|---------|----|----|----|-------|-----|-------|------|------|-------|-------|
| 40677   |    |    |    |       |     |       |      |      |       |       |
|         |    |    |    |       |     |       |      |      |       |       |
|         |    |    |    |       |     |       |      |      |       |       |





#13

Acrolein

Concen: 102.247 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBS01

Tot Ion: 56 Resp: 13897

Ion Ratio Lower Upper

56 100

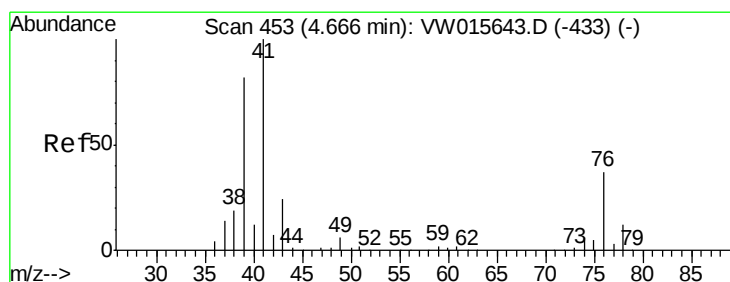
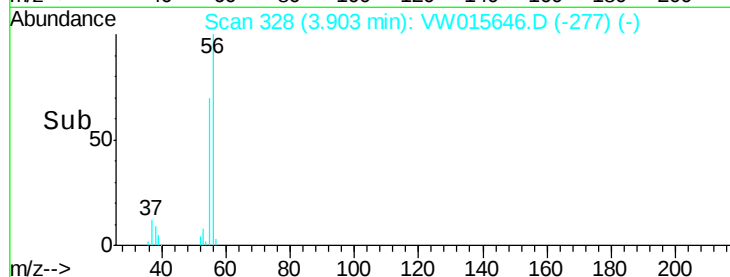
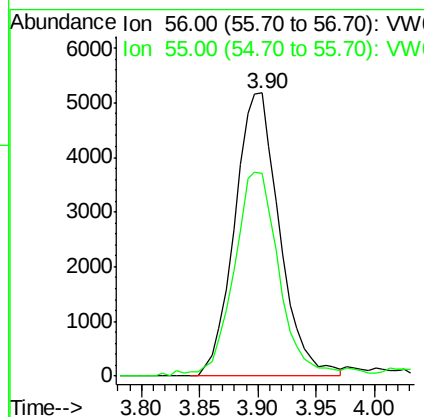
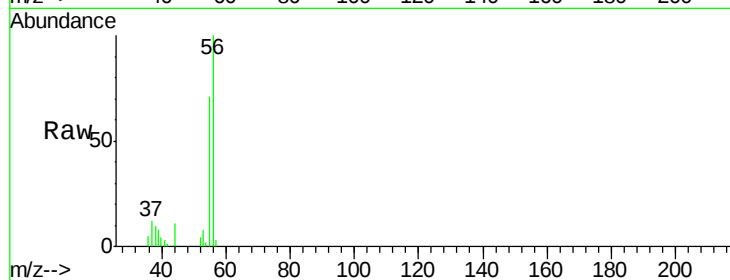
55 72.4 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 AM



#14

Allyl chloride

Concen: 18.970 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

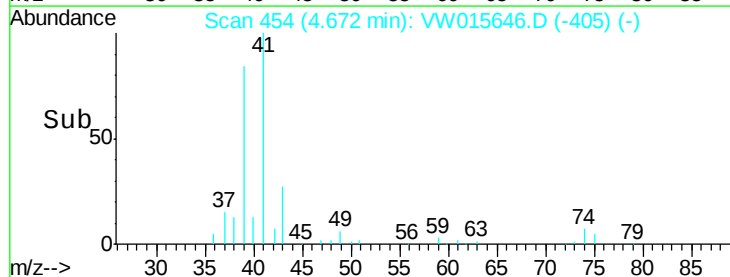
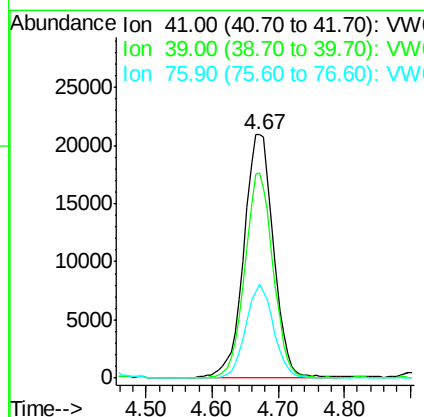
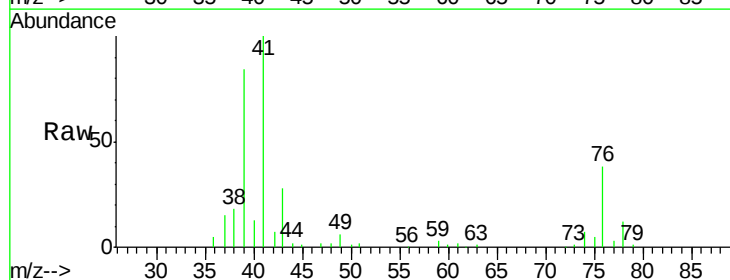
Tgt Ion: 41 Resp: 65720

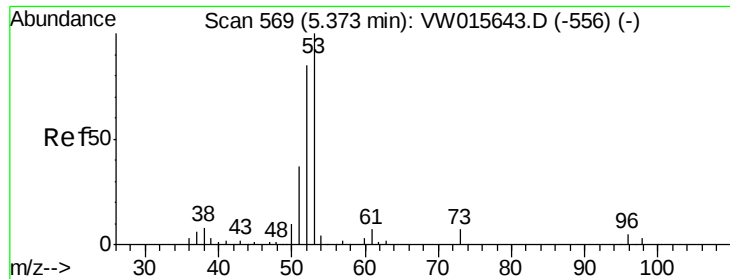
Ion Ratio Lower Upper

41 100

39 79.8 63.1 94.7

76 35.7 28.6 43.0





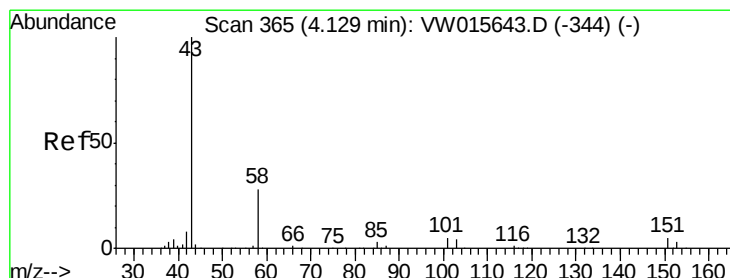
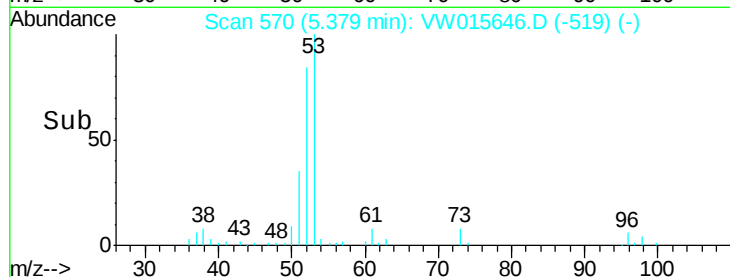
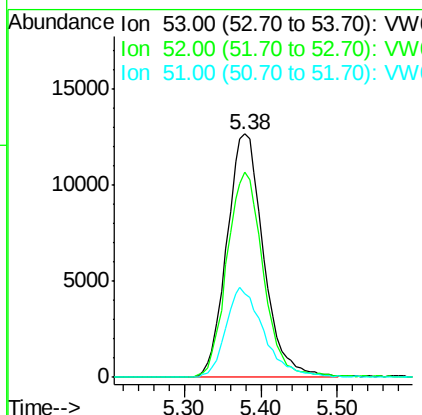
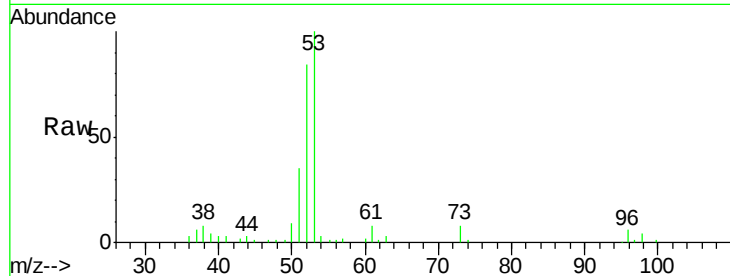
#15  
 Acrylonitrile  
 Concen: 99.807 ug/l  
 RT: 5.38 min Scan# 570  
 Delta R.T. 0.01 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 83.4  | 66.1  | 99.1  |
| 51      | 38.0  | 30.2  | 45.4  |

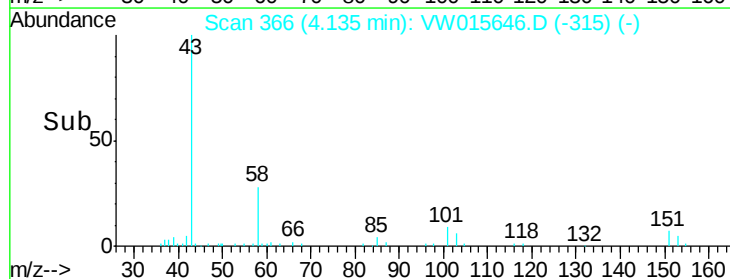
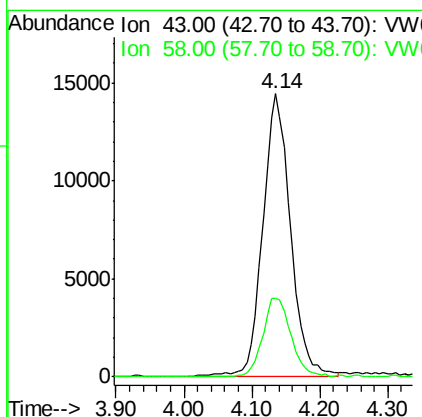
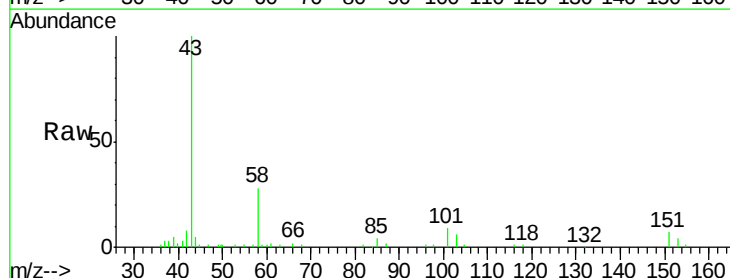
Manual Integrations  
 APPROVED

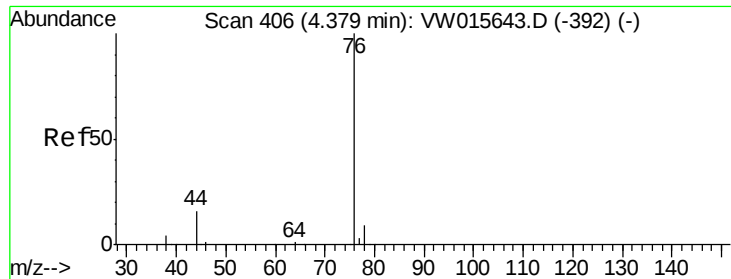
MMDadoda  
 6/23/2020 11:00:55 AM



#16  
 Acetone  
 Concen: 81.207 ug/l  
 RT: 4.14 min Scan# 366  
 Delta R.T. 0.01 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 27.9  | 23.1  | 34.7  |





#17

Carbon Disulfide

Concen: 19.112 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBSD01

Tot Ion: 76 Resp: 116262

Ion Ratio Lower Upper

76 100

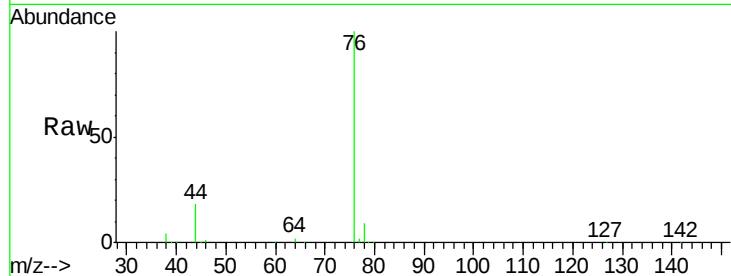
78 9.4 7.4 11.2

Manual Integrations

APPROVED

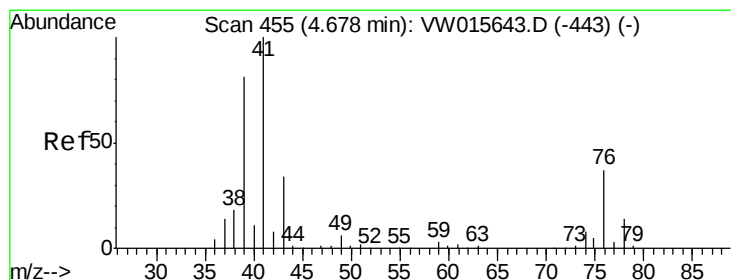
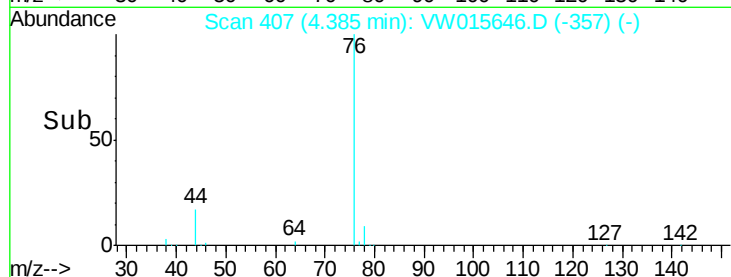
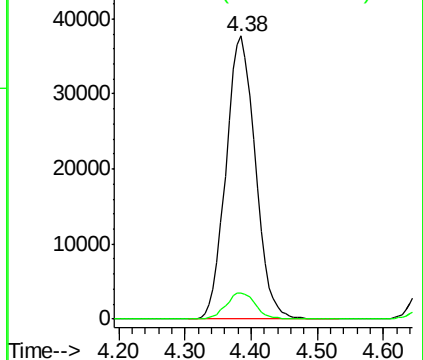
MMDadoda

6/23/2020 11:00:55 AM



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 19.956 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW015646.D

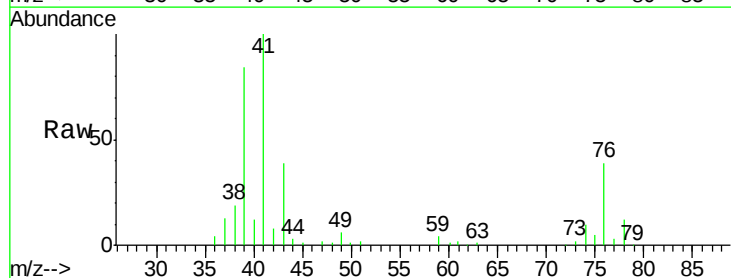
Acq: 22 Jun 2020 13:47

Tgt Ion: 43 Resp: 19926

Ion Ratio Lower Upper

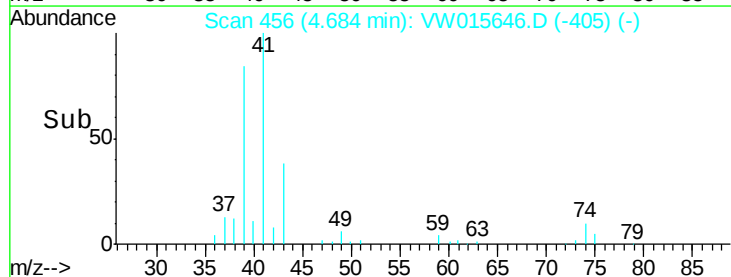
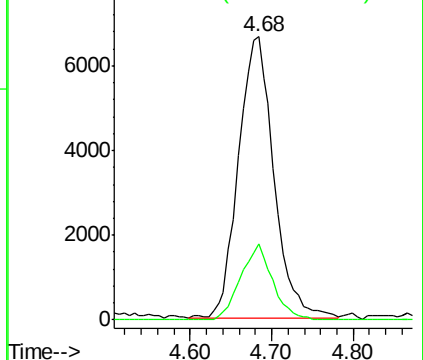
43 100

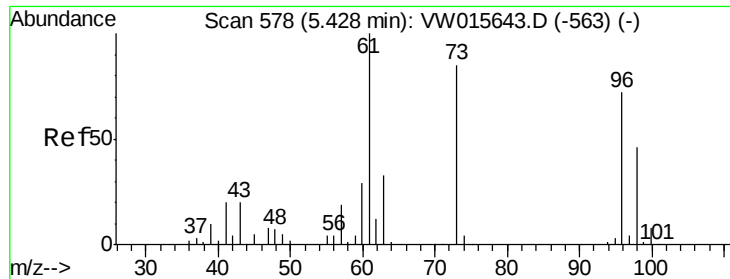
74 24.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





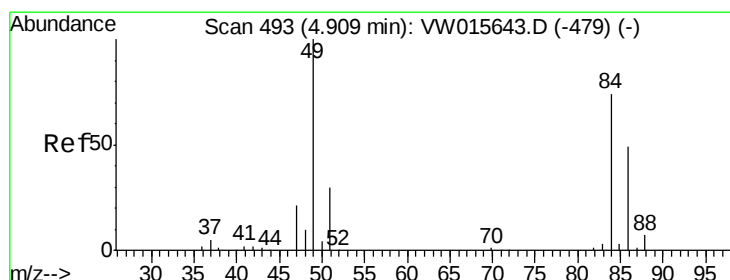
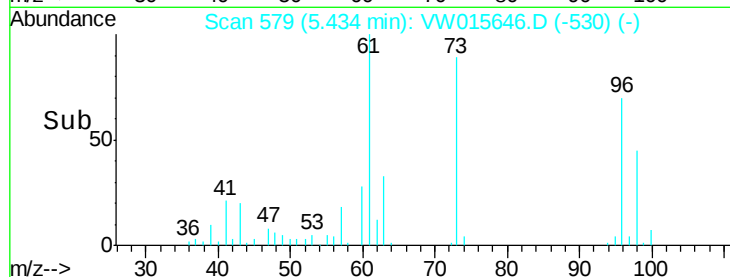
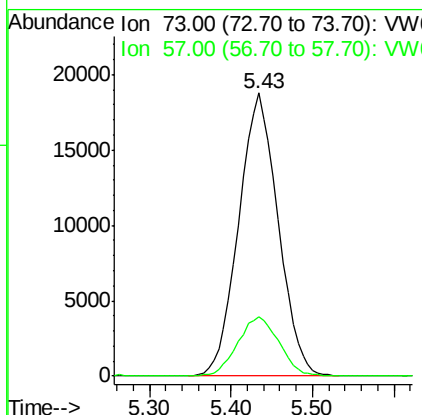
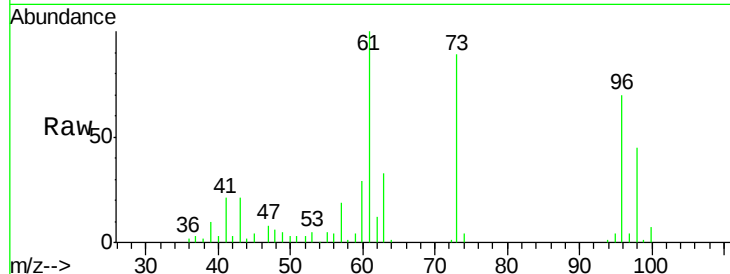
#19  
Methvl tert-butvl Ether  
Concen: 19.957 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBSD01

Tot Ion: 73 Resp: 63082  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.1 25.7

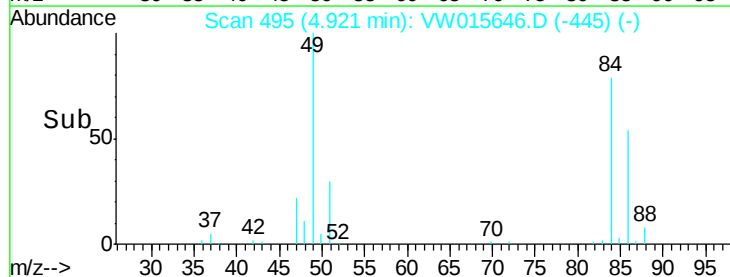
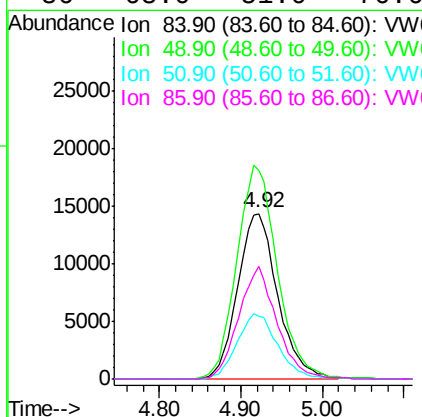
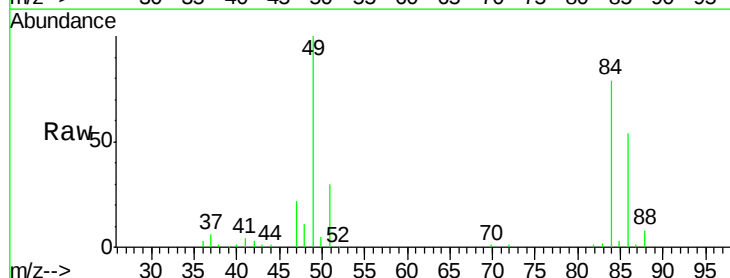
Manual Integrations  
APPROVED

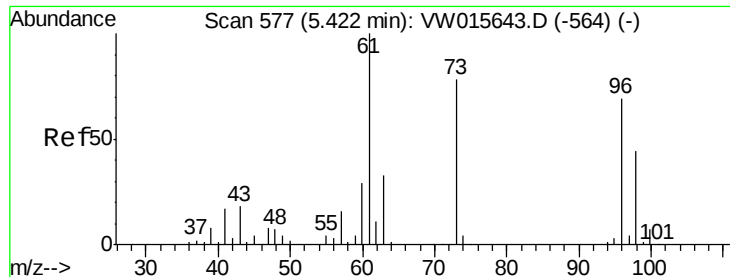
MMDadoda  
6/23/2020 11:00:55 AM



#20  
Methylene Chloride  
Concen: 20.984 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Tgt Ion: 84 Resp: 48905  
Ion Ratio Lower Upper  
84 100  
49 126.3 102.8 154.2  
51 37.9 31.4 47.2  
86 68.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.879 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

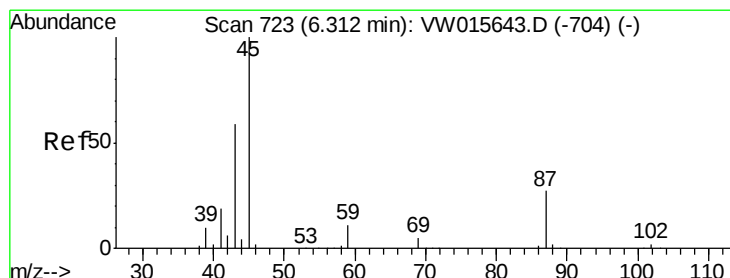
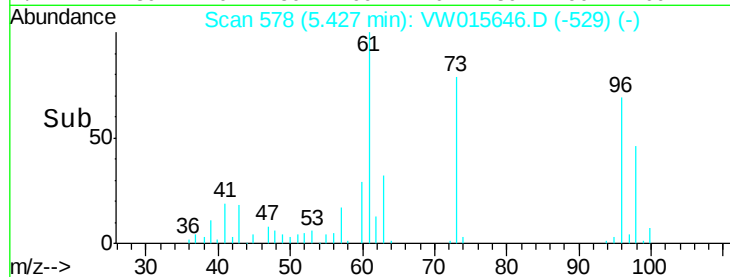
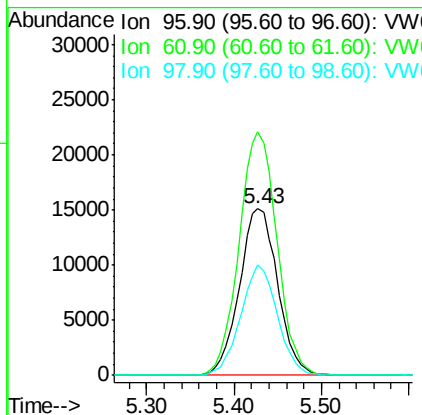
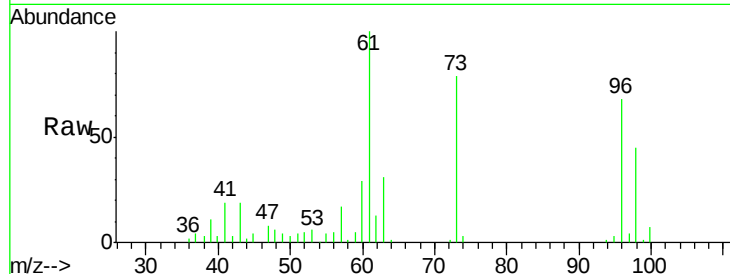
ClientSampleId :

VW0622SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 45812 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 146.4 | 114.3 | 171.5 |
| 98       | 66.4  | 51.0  | 76.4  |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#22

Diisopropyl ether

Concen: 19.732 ug/l

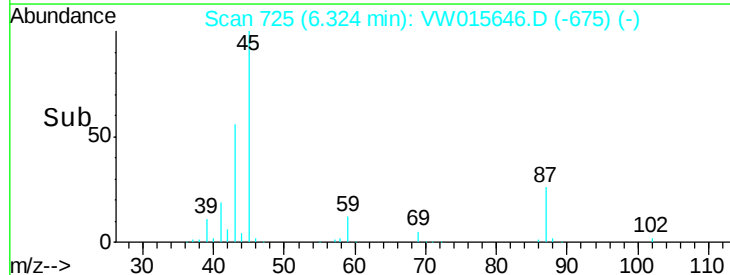
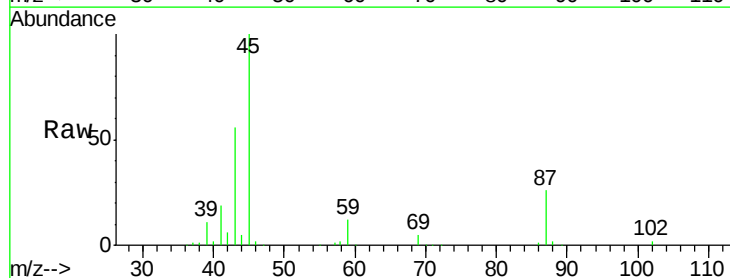
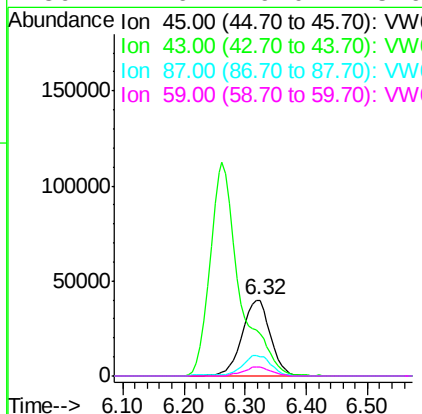
RT: 6.32 min Scan# 725

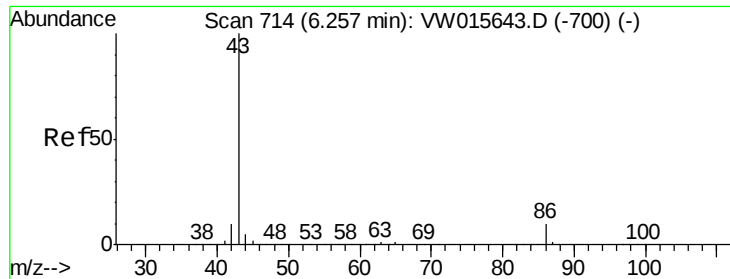
Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 129175 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 55.0  | 44.1  | 66.1   |
| 87       | 26.1  | 21.8  | 32.8   |
| 59       | 11.6  | 9.0   | 13.6   |





#23

Vinyl Acetate

Concen: 97.827 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBSD01

Tot Ion: 43 Resp: 379722

Ion Ratio Lower Upper

43 100

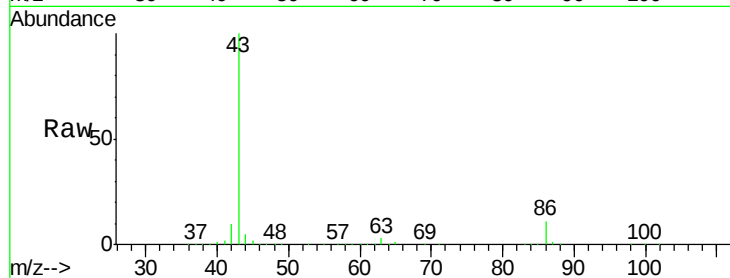
86 10.6 8.6 12.8

Manual Integrations

APPROVED

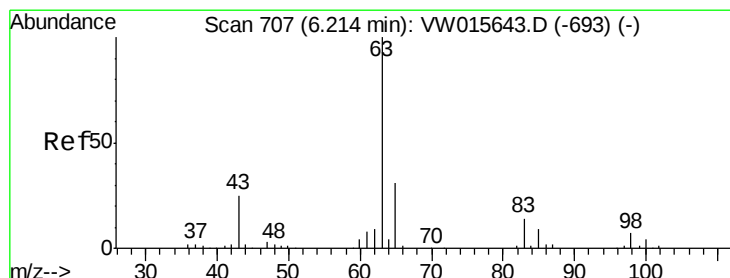
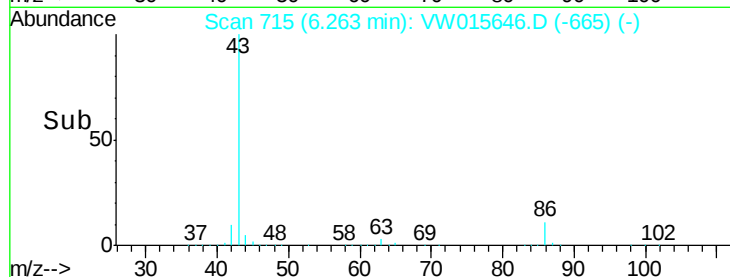
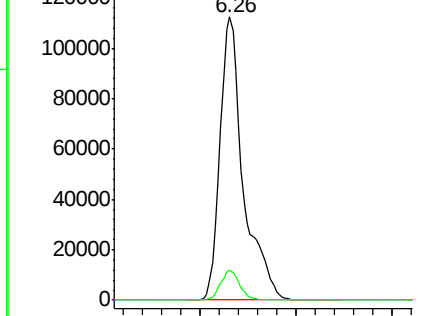
MMDadoda

6/23/2020 11:00:55 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.846 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

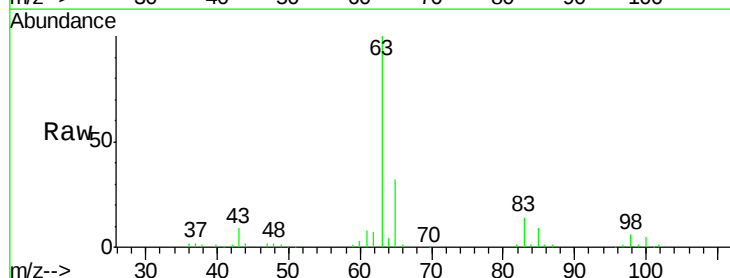
Tgt Ion: 63 Resp: 81863

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.1

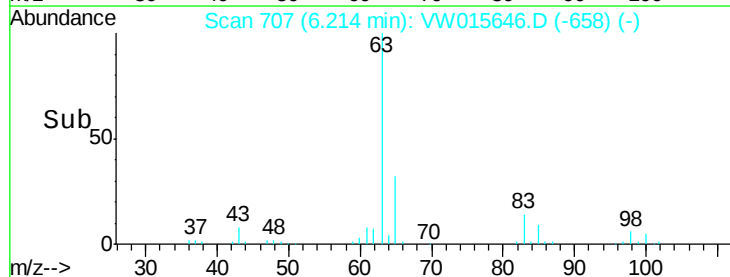
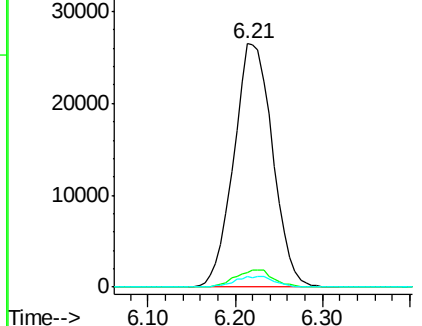
100 4.6 2.2 6.6

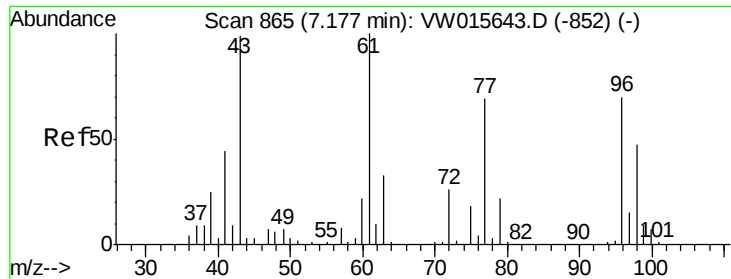


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 96.326 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBS01

Tot Ion: 43 Resp: 57563

Ion Ratio Lower Upper

43 100

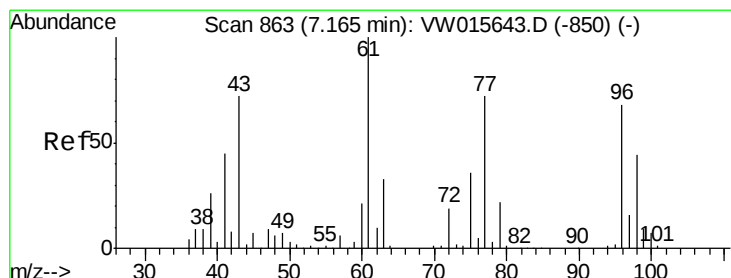
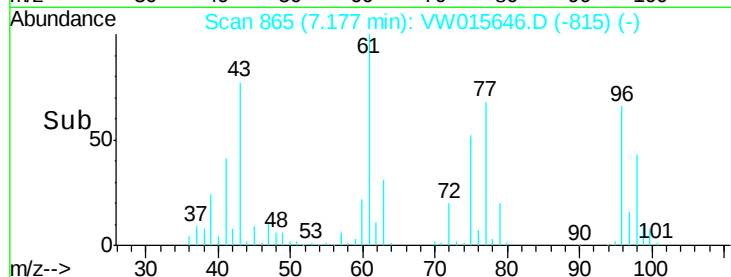
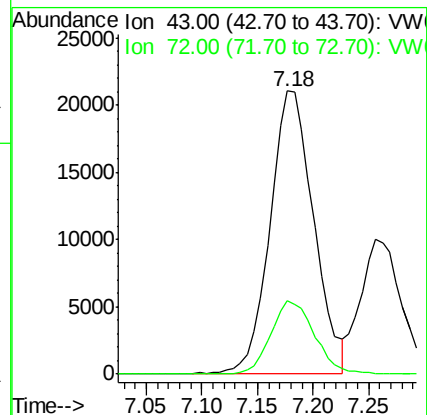
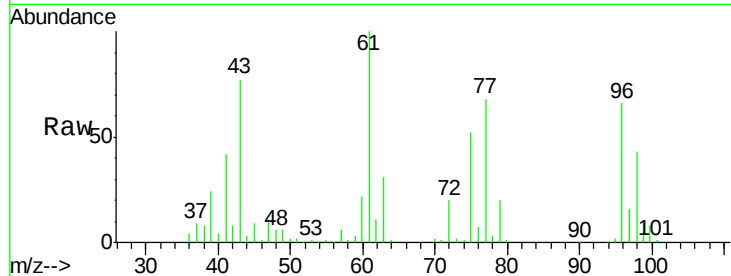
72 26.1 21.0 31.4

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 AM



#26

2,2-Dichloropropane

Concen: 19.546 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015646.D

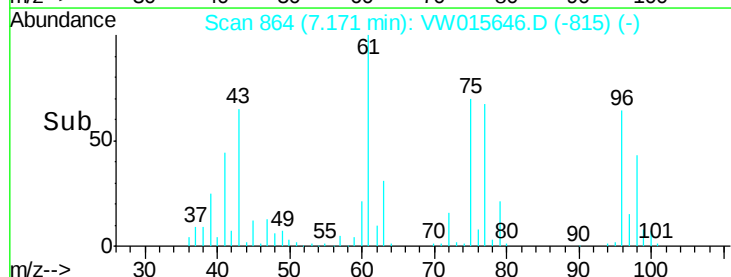
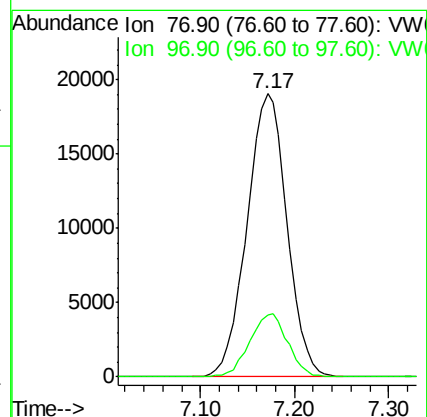
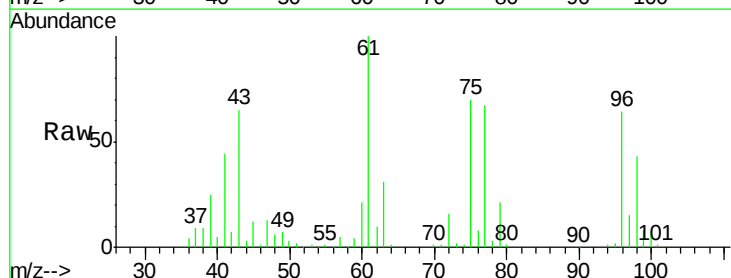
Acq: 22 Jun 2020 13:47

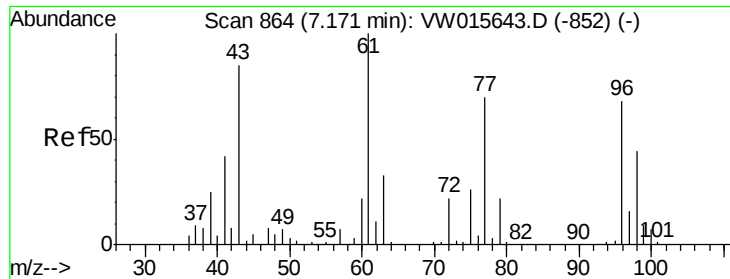
Tgt Ion: 77 Resp: 56627

Ion Ratio Lower Upper

77 100

97 21.3 11.1 33.3





#27

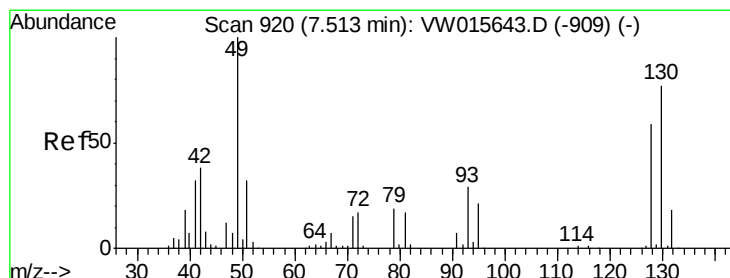
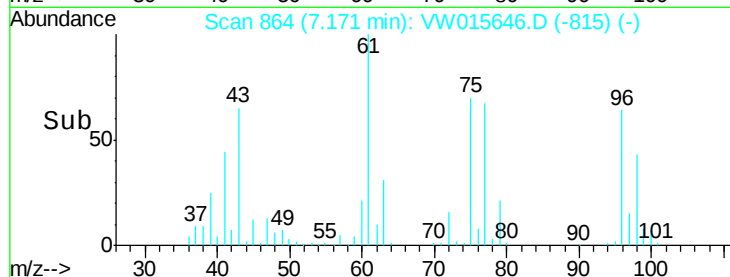
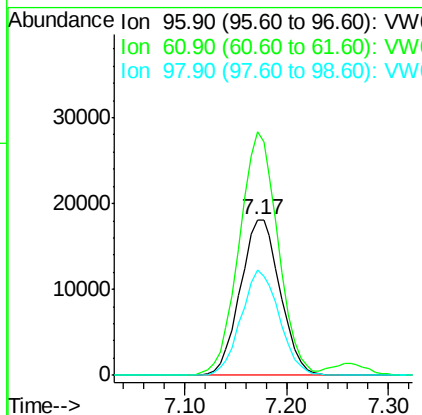
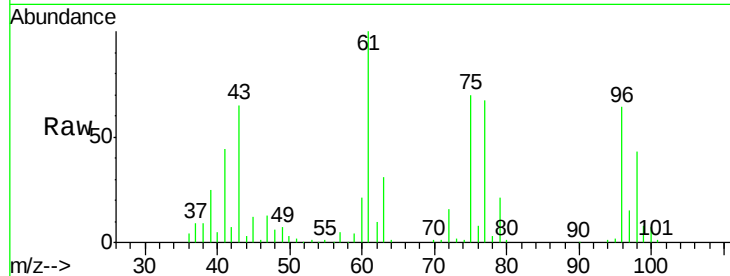
cis-1,2-Dichloroethene  
Concen: 19.583 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 152.6 | 0.0   | 293.0 |
| 98      | 65.0  | 0.0   | 127.2 |

Manual Integrations  
APPROVED

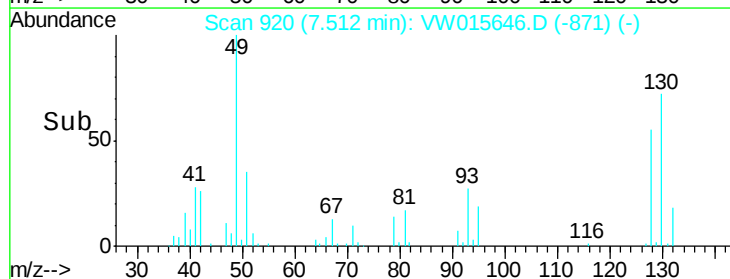
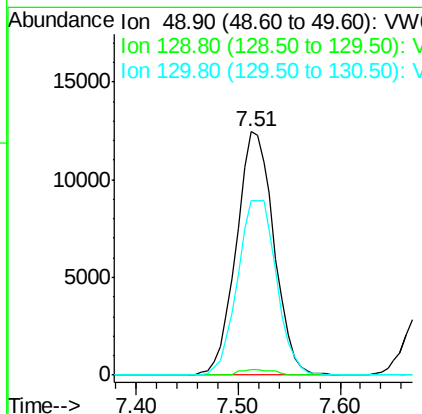
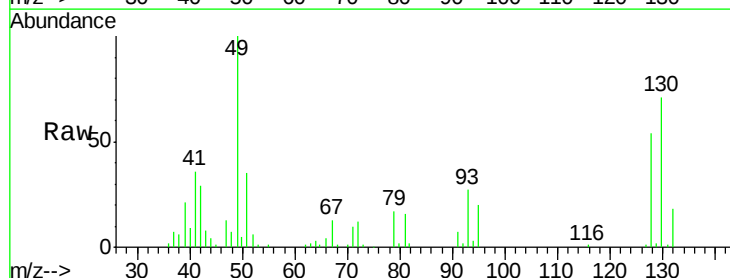
MMDadoda  
6/23/2020 11:00:55 AM

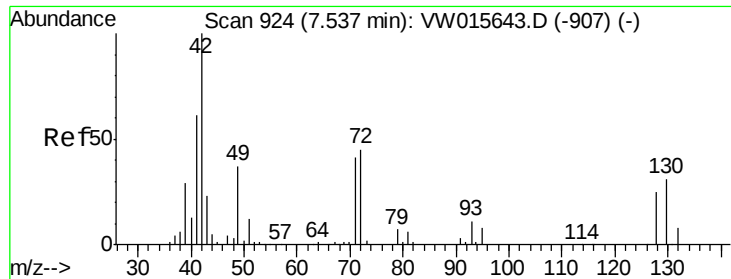


#28

Bromochloromethane  
Concen: 20.565 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 2.0#  |
| 130     | 74.4  | 59.7  | 89.5  |





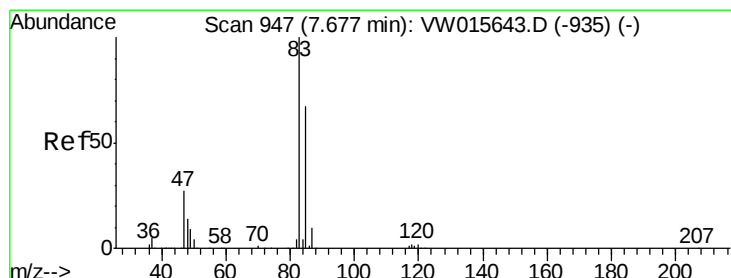
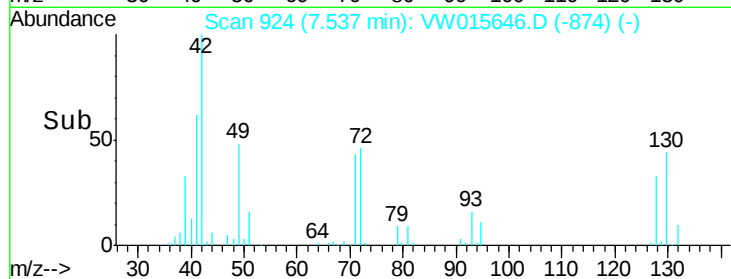
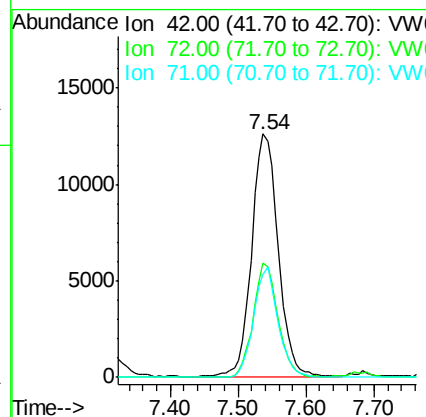
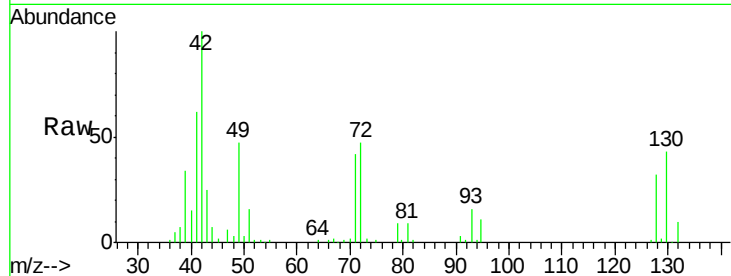
#29  
Tetrahydrofuran  
Concen: 97.882 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.2  | 34.8  | 52.2  |
| 71      | 41.0  | 33.3  | 49.9  |

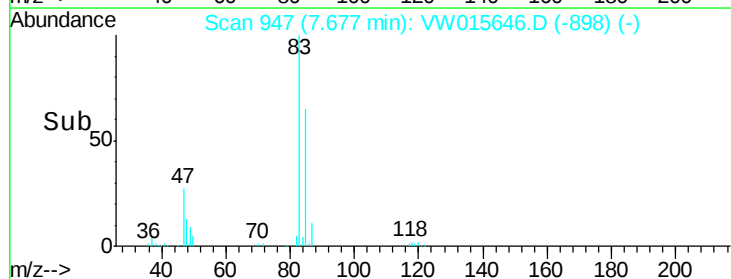
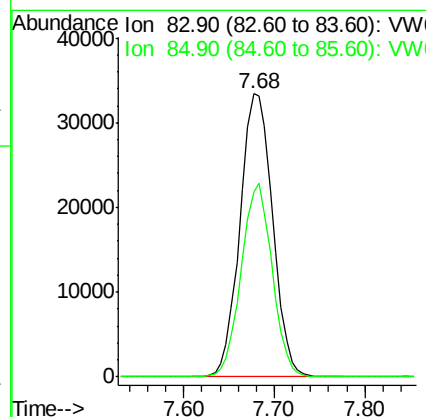
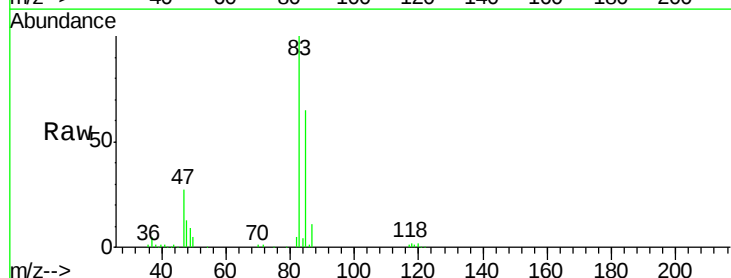
Manual Integrations  
APPROVED

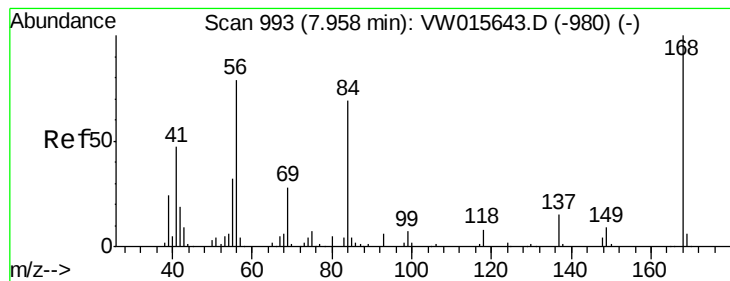
MMDadoda  
6/23/2020 11:00:55 AM



#30  
Chloroform  
Concen: 20.141 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 52.2  | 78.4  |





#31

Cyclohexane

Concen: 19.384 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

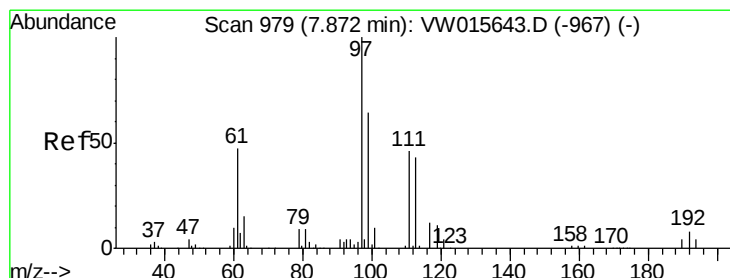
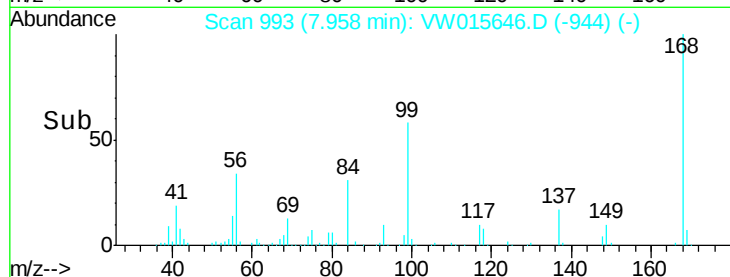
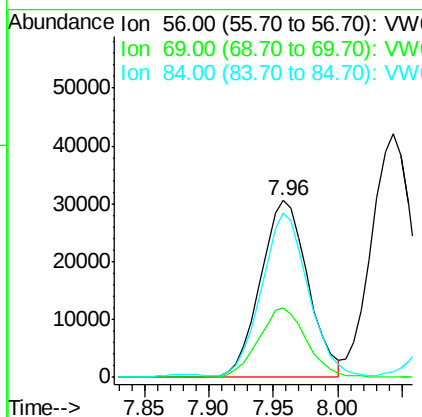
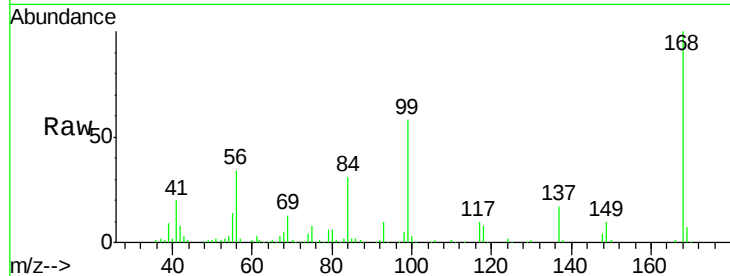
ClientSampleId :

VW0622SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 78081 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 39.0  | 26.3  | 39.5  |
| 84        | 91.5  | 71.0  | 106.4 |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#32

1,1,1-Trichloroethane

Concen: 20.431 ug/l

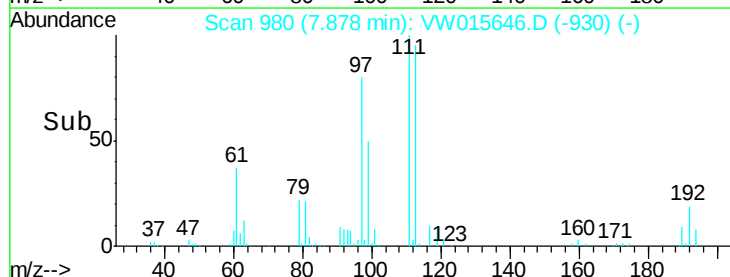
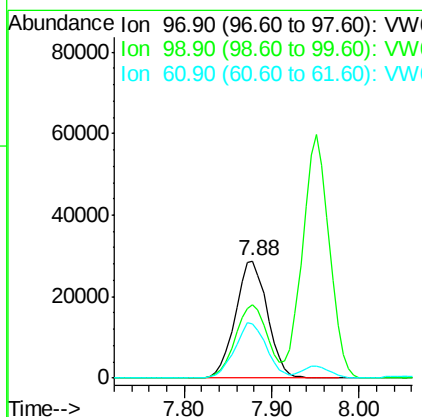
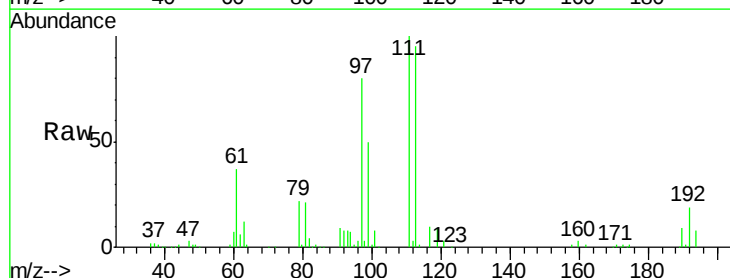
RT: 7.88 min Scan# 980

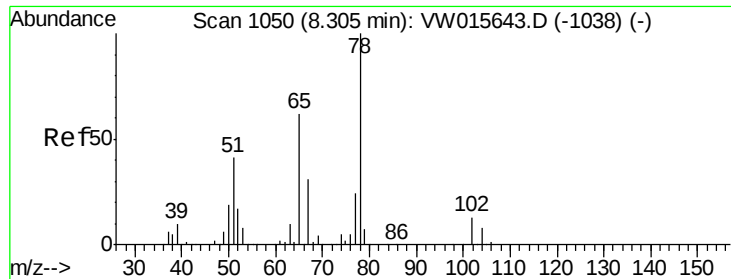
Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 73072 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 62.8  | 51.4  | 77.0  |
| 61        | 46.7  | 37.8  | 56.8  |





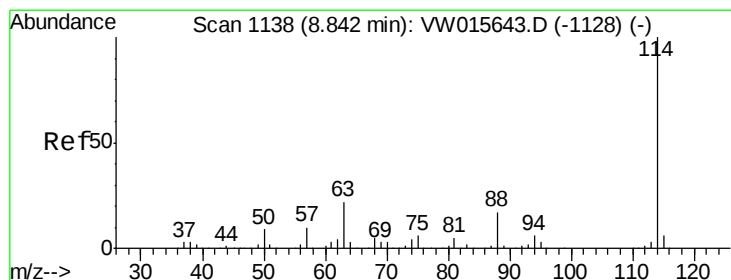
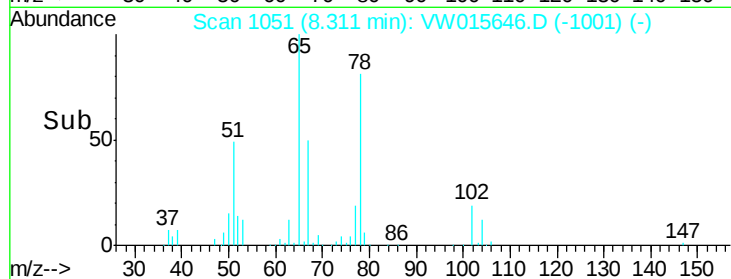
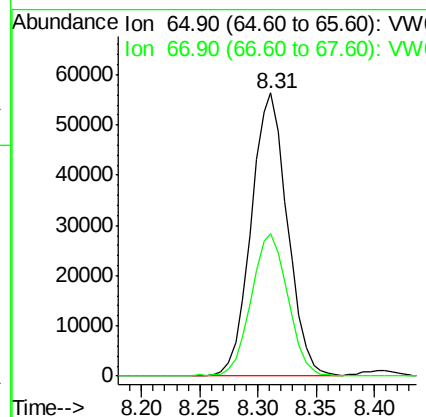
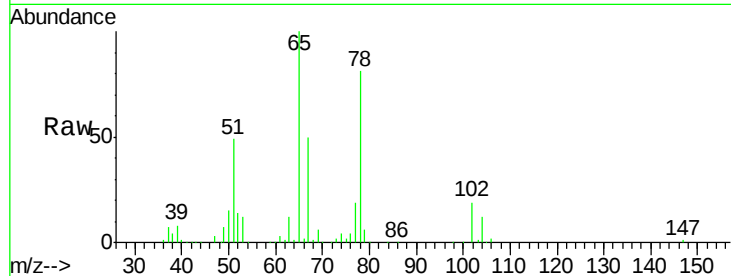
#33  
 1,2-Dichloroethane-d4  
 Concen: 54.918 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.01 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 50.8  | 0.0  | 100.8 |       |

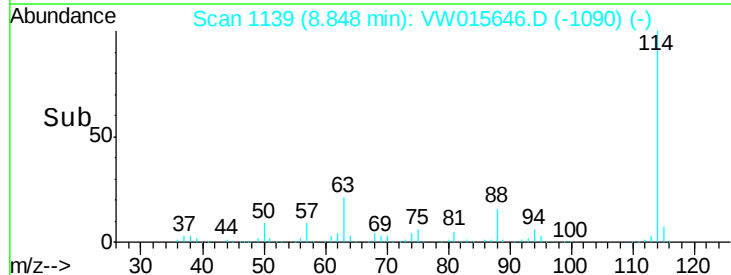
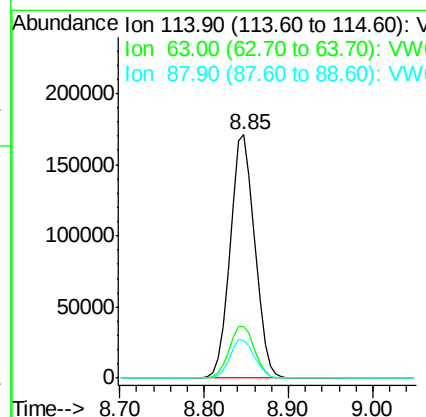
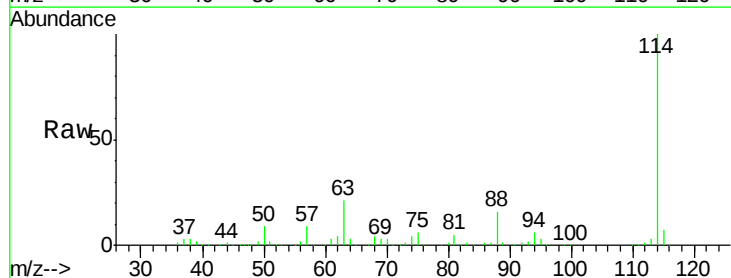
Manual Integrations  
 APPROVED

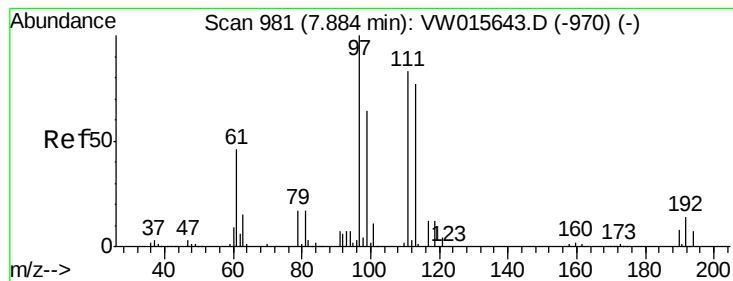
MMDadoda  
 6/23/2020 11:00:55 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 21.4  | 0.0  | 42.0  |       |
| 88      | 15.6  | 0.0  | 31.8  |       |





#35

Dibromofluoromethane

Concen: 53.900 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBS01

Tot Ion:113 Resp: 107793

Ion Ratio Lower Upper

113 100

111 102.2 83.3 124.9

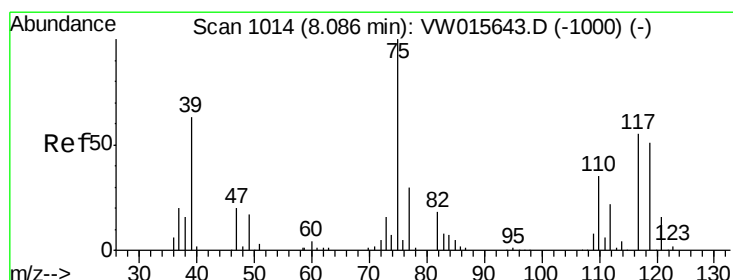
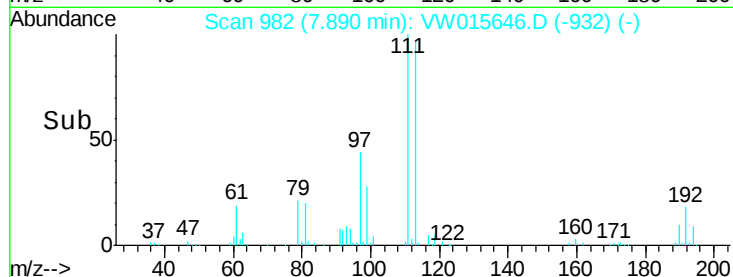
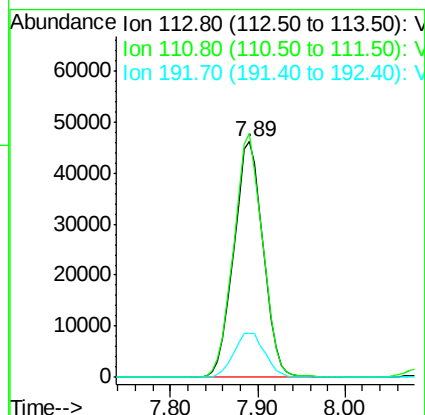
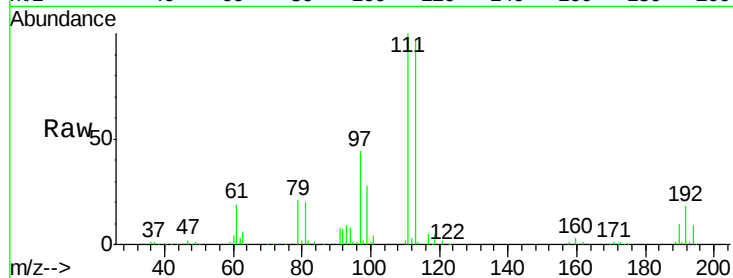
192 19.8 15.8 23.6

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 AM



#36

1,1-Dichloropropene

Concen: 19.720 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

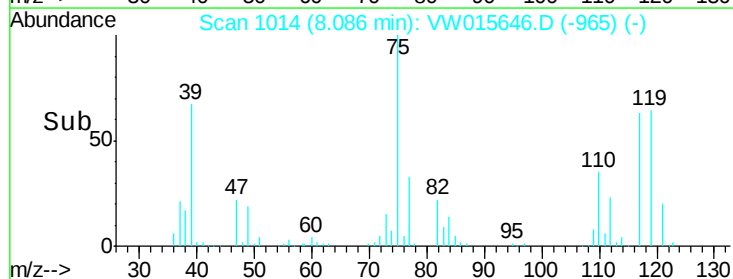
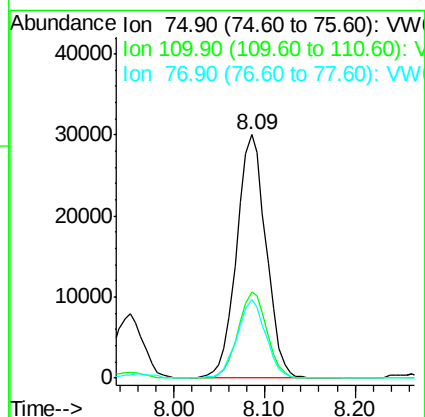
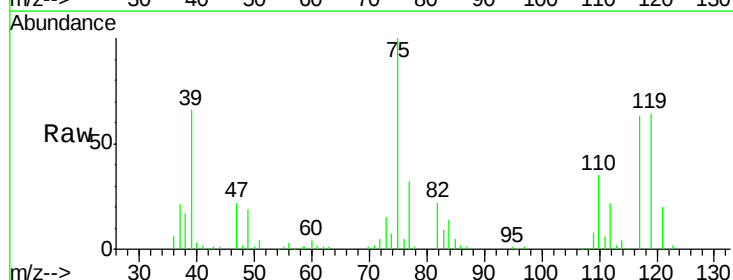
Tgt Ion: 75 Resp: 67699

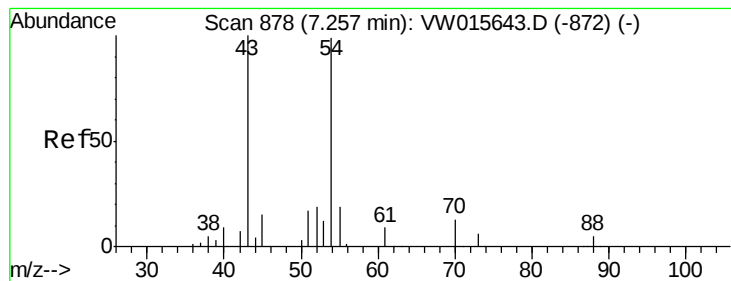
Ion Ratio Lower Upper

75 100

110 34.5 17.2 51.6

77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 19.797 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

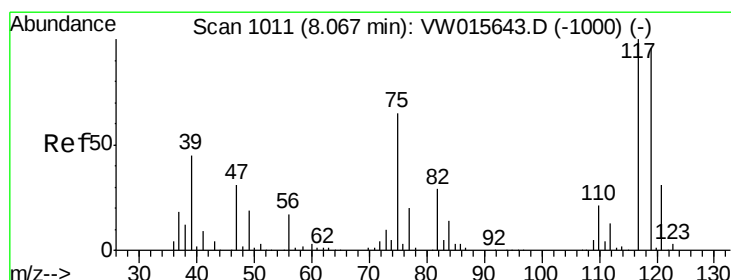
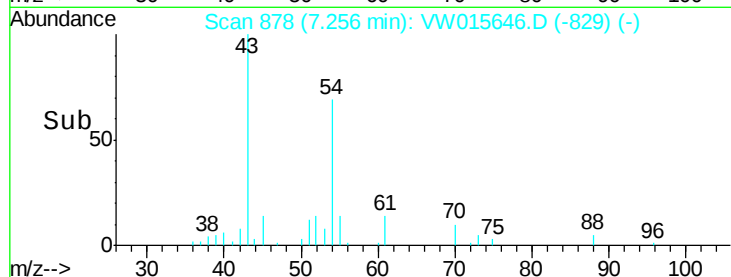
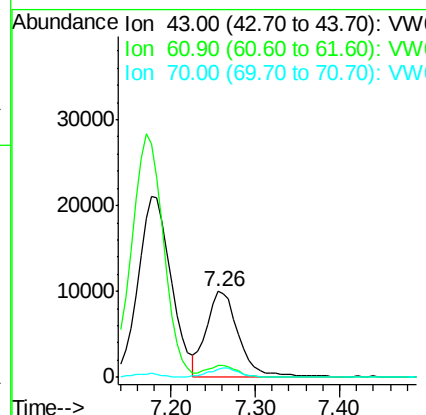
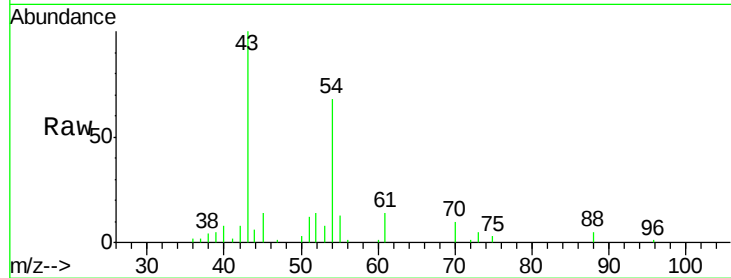
ClientSampled :

VW0622SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 26377 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.2  | 10.4  | 15.6  |
| 70       | 10.2  | 8.4   | 12.6  |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#38

Carbon Tetrachloride

Concen: 19.928 ug/l

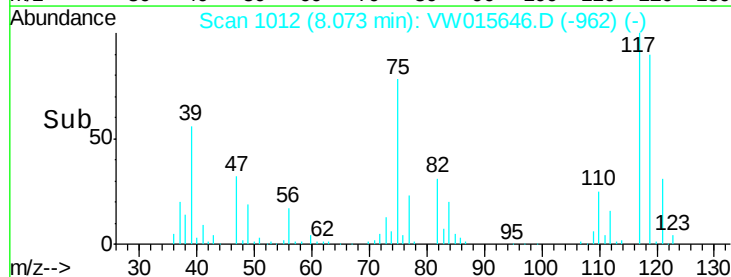
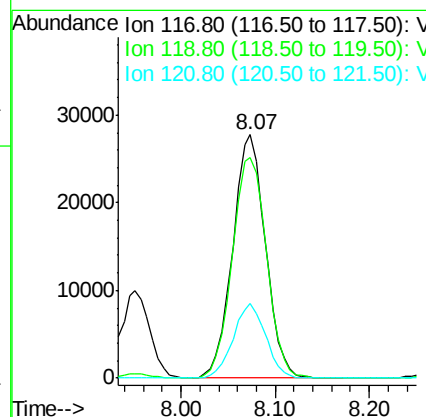
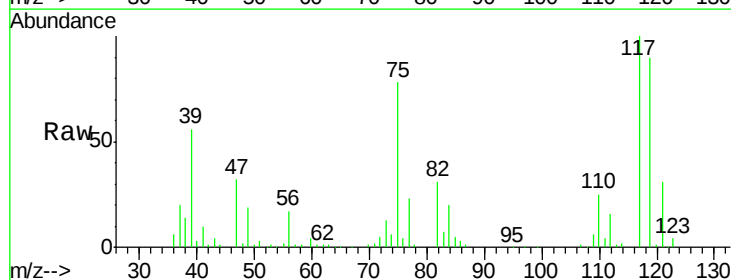
RT: 8.07 min Scan# 1012

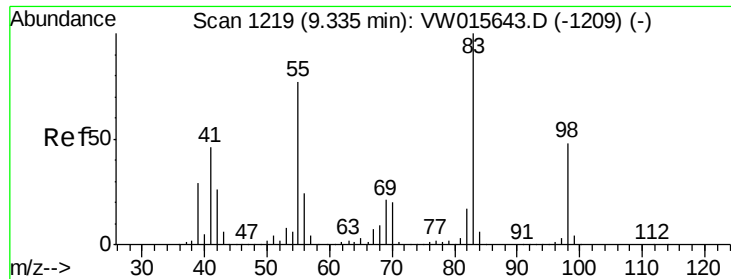
Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 66983 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.4  | 75.9  | 113.9 |
| 121      | 30.6  | 23.5  | 35.3  |





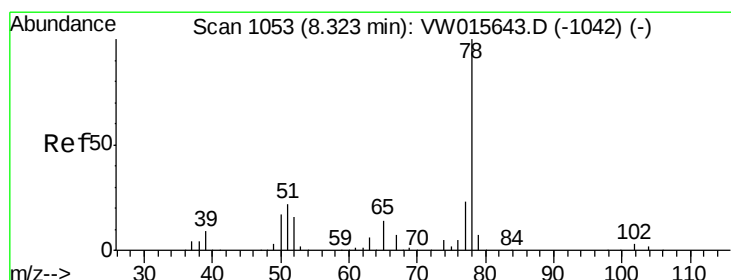
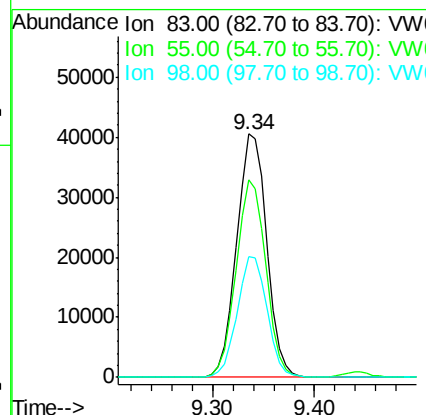
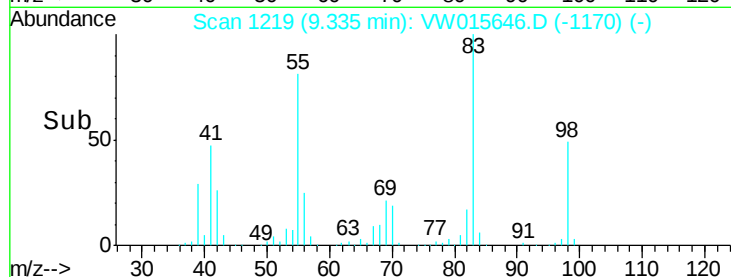
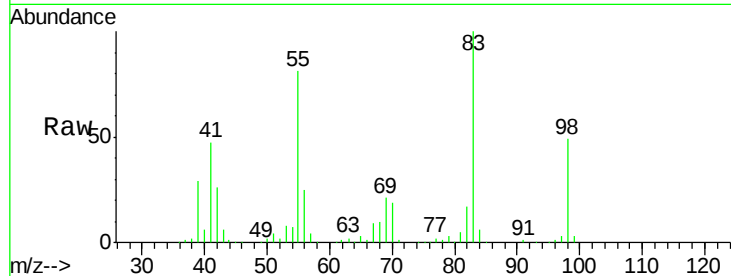
#39  
Methvlcvclohexane  
Concen: 19.499 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 81.0  | 61.7  | 92.5  |
| 98      | 49.3  | 37.7  | 56.5  |

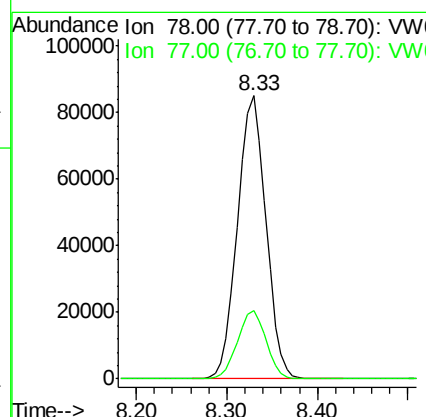
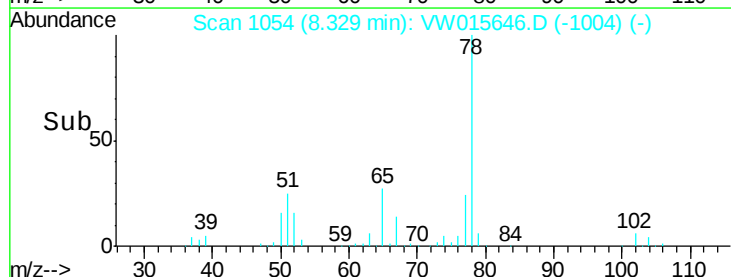
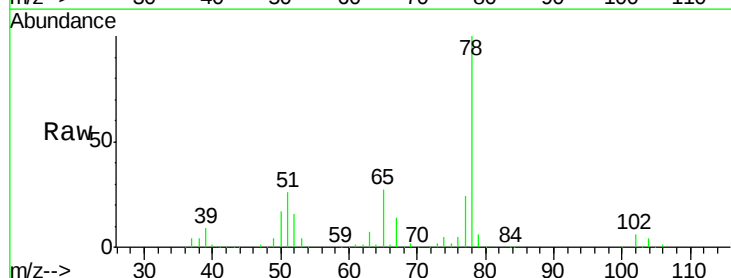
Manual Integrations  
APPROVED

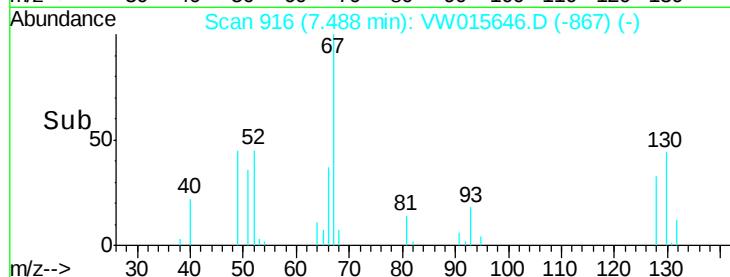
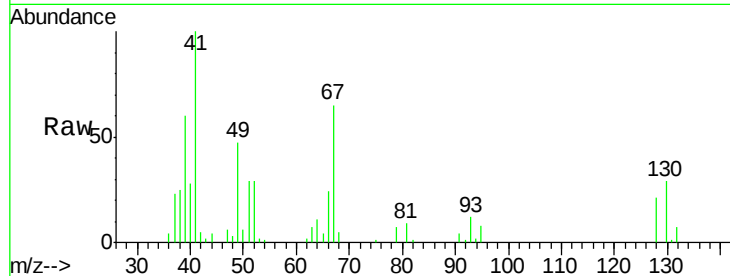
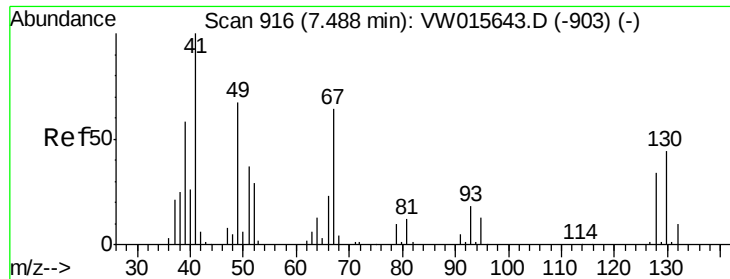
MMDadoda  
6/23/2020 11:00:55 AM



#40  
Benzene  
Concen: 20.036 ug/l  
RT: 8.33 min Scan# 1054  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

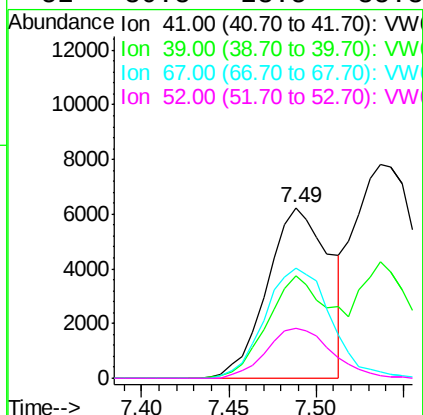
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.0  | 19.2  | 28.8  |





#41  
Methacrylonitrile  
Concen: 20.303 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

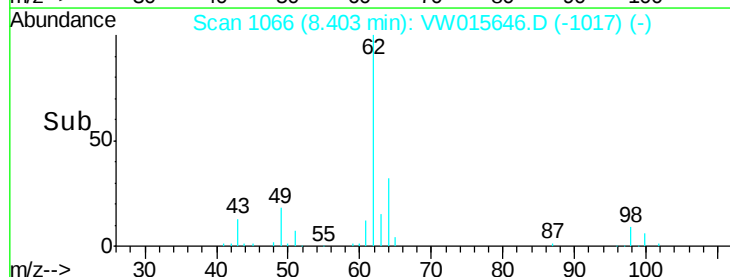
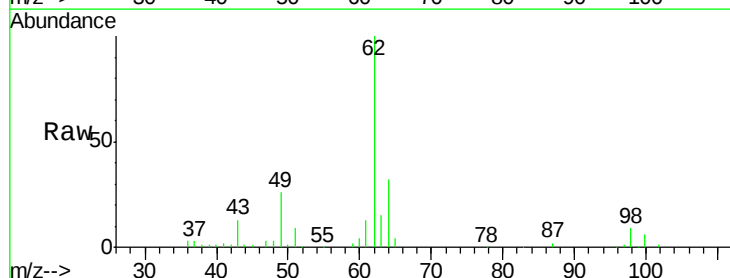
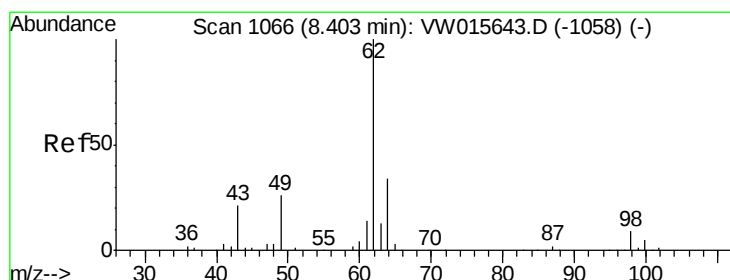
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 63.8  | 44.5  | 66.7  |
| 67      | 68.5  | 53.1  | 79.7  |
| 52      | 30.8  | 23.5  | 35.3  |



Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

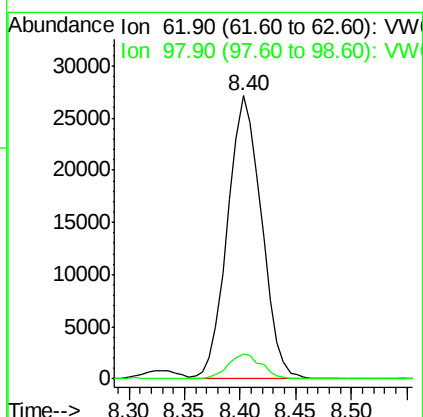
Manual Integrations  
APPROVED

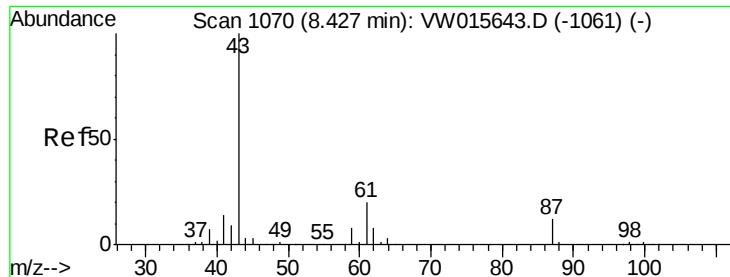
MMDadoda  
6/23/2020 11:00:55 AM



#42  
1,2-Dichloroethane  
Concen: 20.386 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.6   | 0.0   | 17.6  |





#43

Isopropyl Acetate

Concen: 19.800 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

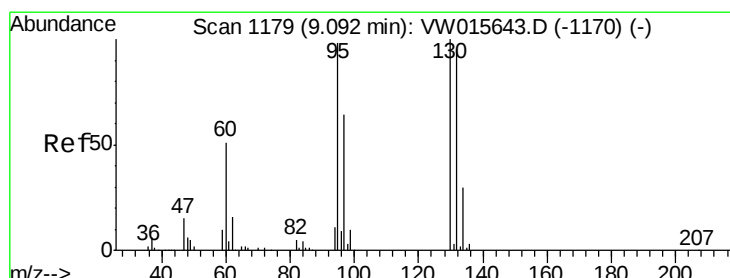
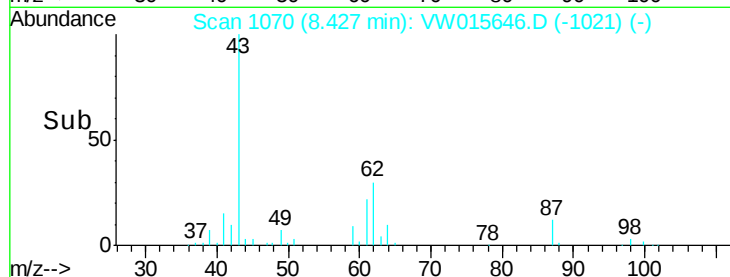
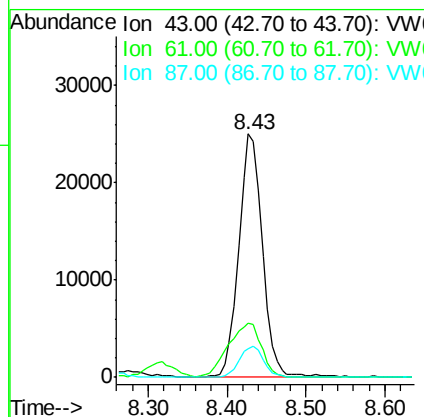
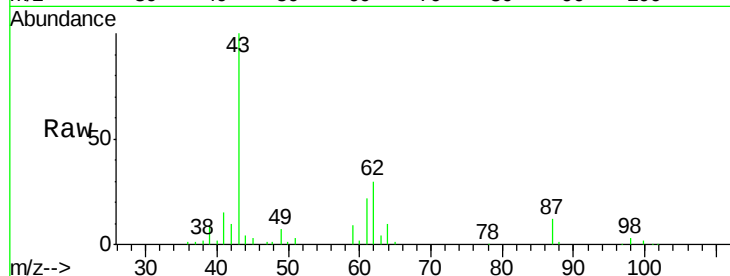
ClientSampleId :

VW0622SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 52409 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 31.2  | 23.8  | 35.8  |
| 87       | 12.9  | 10.1  | 15.1  |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#44

Trichloroethene

Concen: 19.836 ug/l

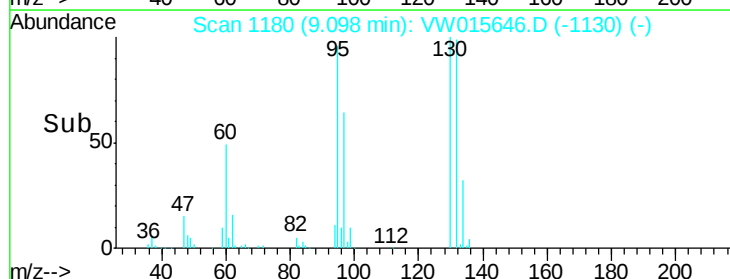
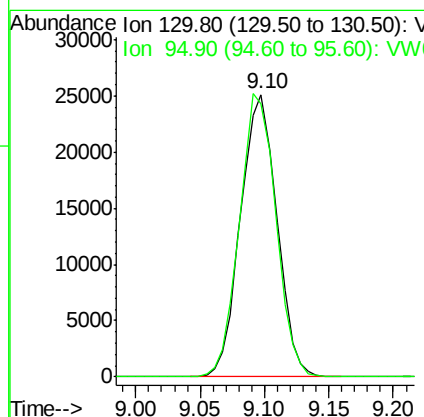
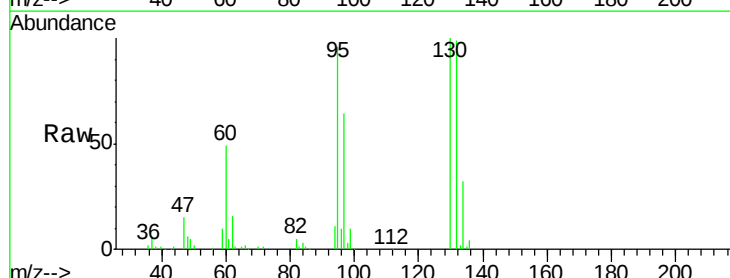
RT: 9.10 min Scan# 1180

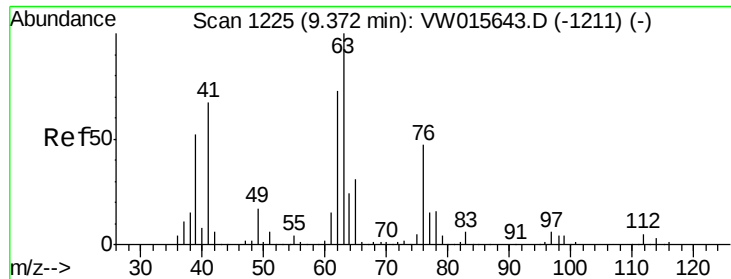
Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 49035 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 96.4  | 0.0   | 204.0 |





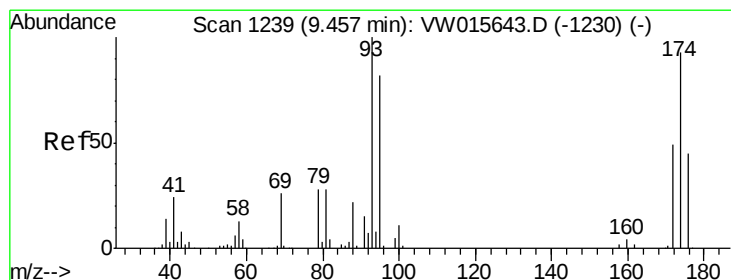
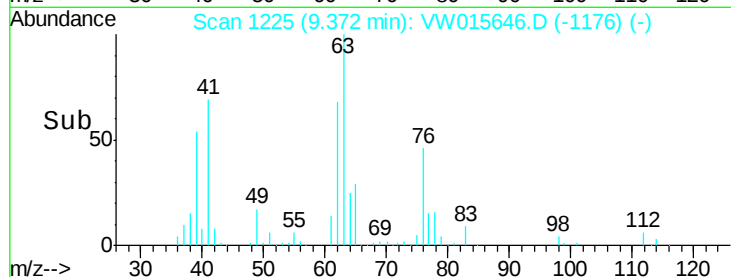
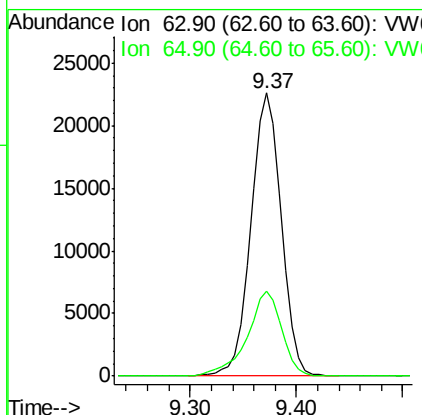
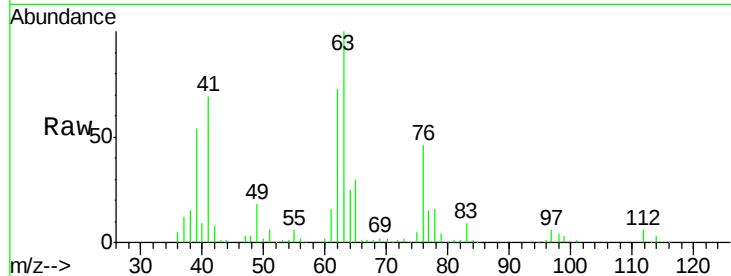
#45  
 1,2-Dichloropropane  
 Concen: 20.027 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0622SBS01

Tot Ion: 63 Resp: 45258  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 24.0 36.0

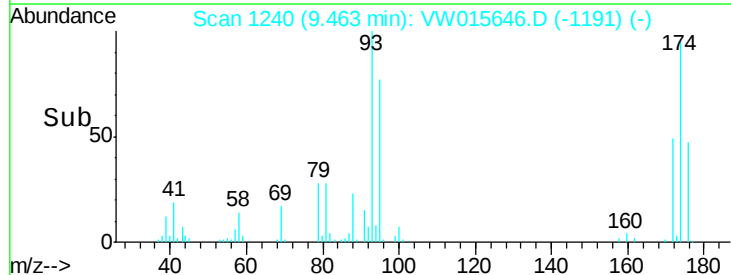
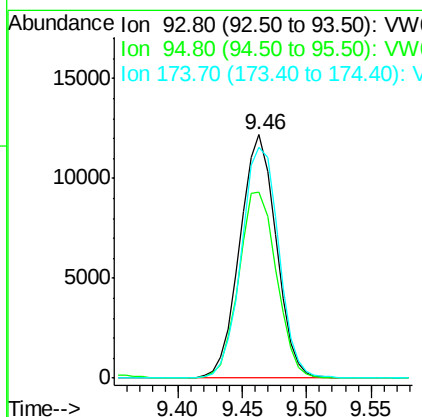
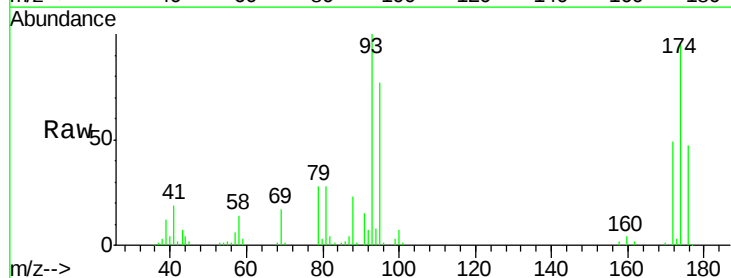
Manual Integrations  
 APPROVED

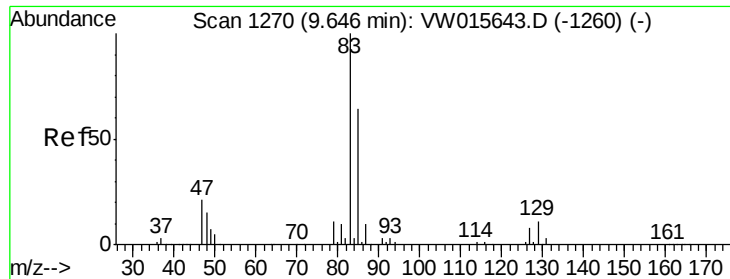
MMDadoda  
 6/23/2020 11:00:55 AM



#46  
 Dibromomethane  
 Concen: 20.648 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Tgt Ion: 93 Resp: 23821  
 Ion Ratio Lower Upper  
 93 100  
 95 79.5 65.1 97.7  
 174 97.5 78.6 118.0





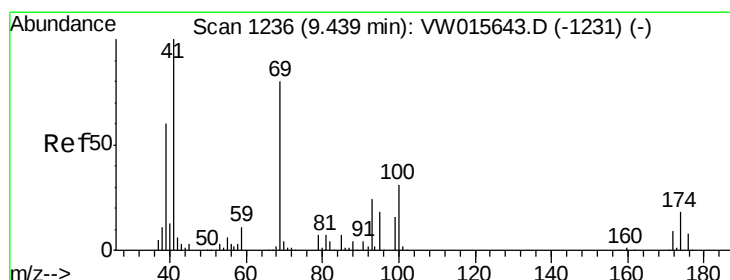
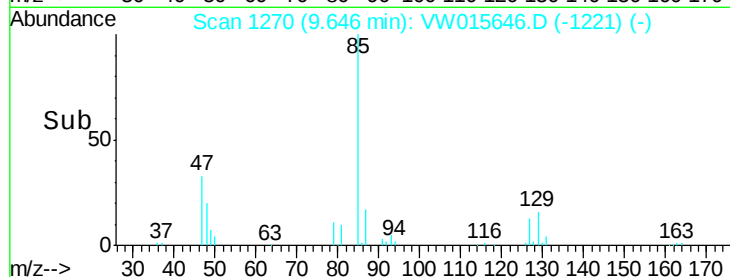
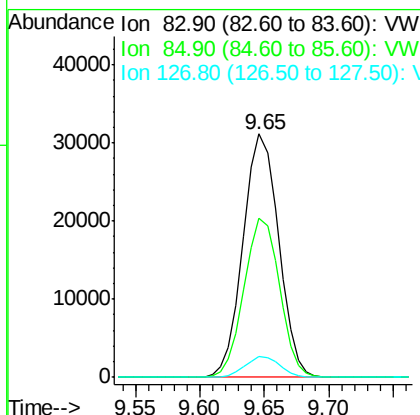
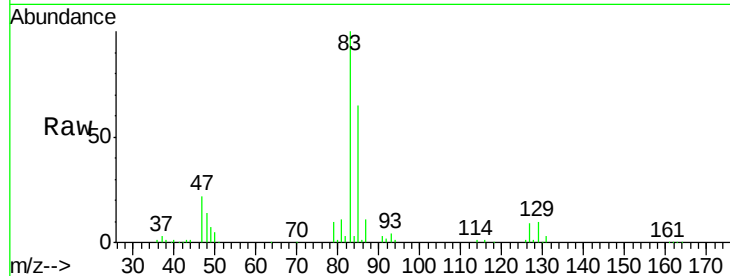
#47  
Bromodichloromethane  
Concen: 19.148 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion   | 83   | Resp  | 59777 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 65.3 | 51.1  | 76.7  |
| 127       | 8.5  | 6.4   | 9.6   |

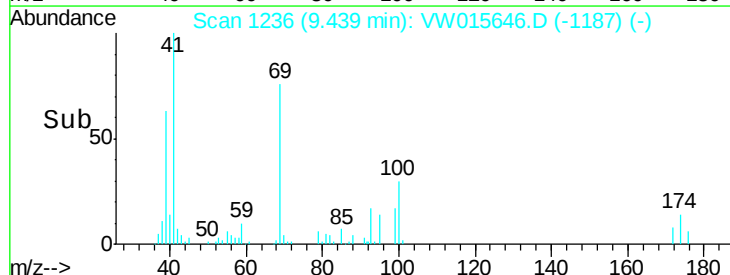
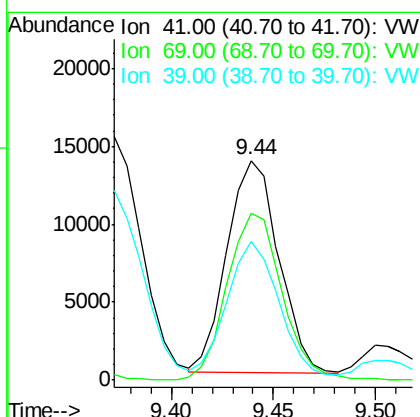
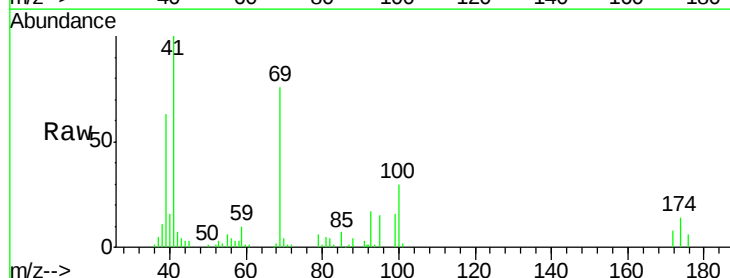
Manual Integrations  
APPROVED

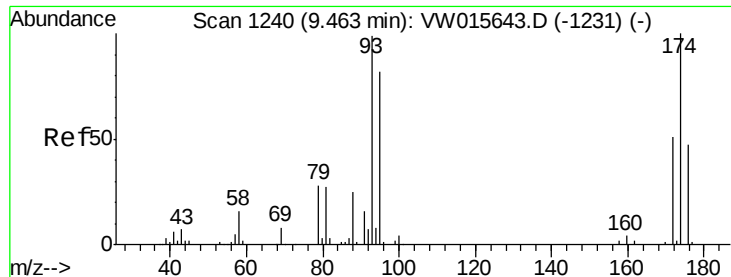
MMDadoda  
6/23/2020 11:00:55 AM



#48  
Methyl methacrylate  
Concen: 19.747 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion   | 41   | Resp  | 23892 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 84.1 | 67.8  | 101.8 |
| 39        | 61.9 | 50.2  | 75.2  |





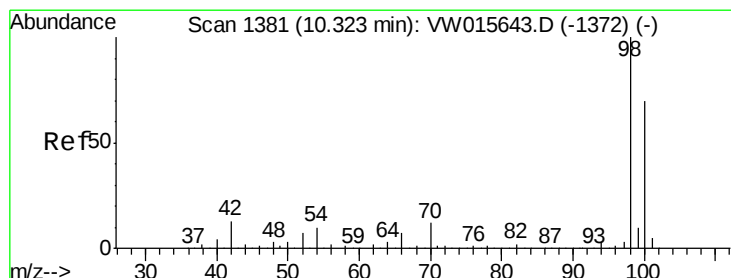
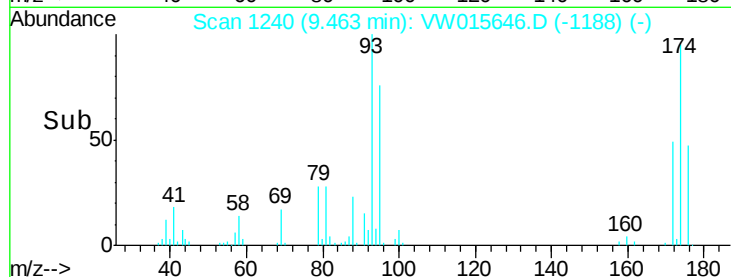
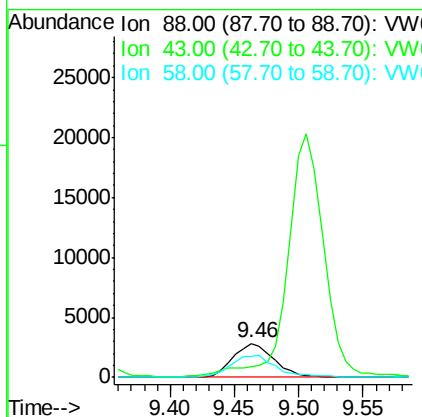
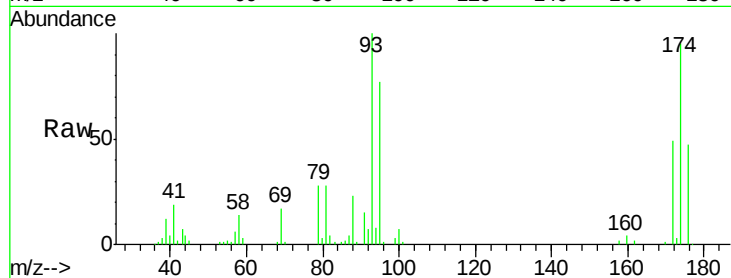
#49  
1,4-Dioxane  
Concen: 356.372 ug/l  
RT: 9.46 min Scan# 1240  
Delta R.T. 0.02 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 27.9  | 41.9# |
| 58      | 72.3  | 58.8  | 88.2  |

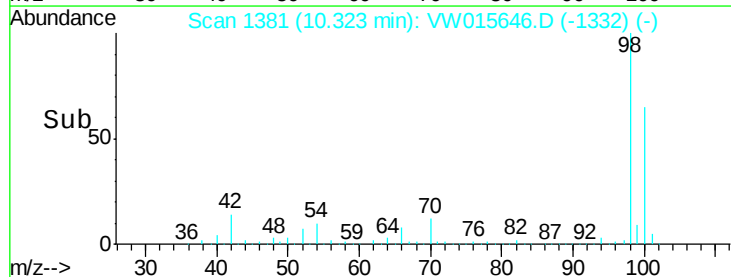
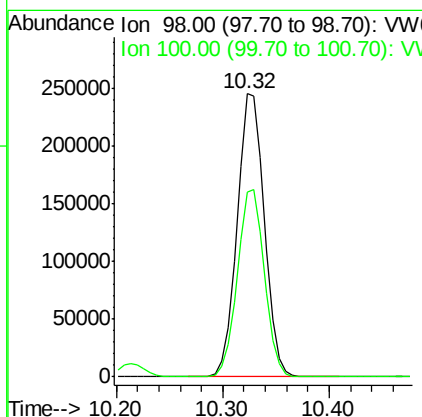
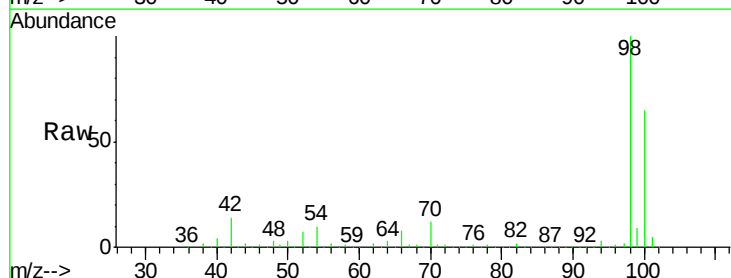
Manual Integrations  
APPROVED

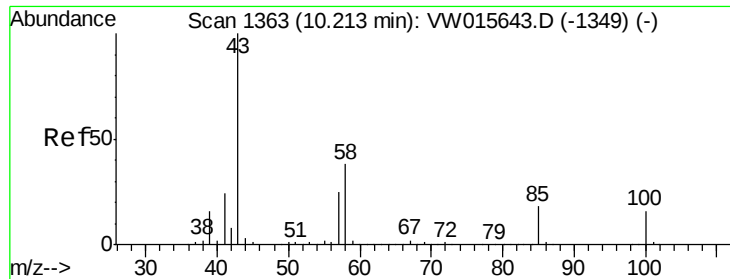
MMDadoda  
6/23/2020 11:00:55 AM



#50  
Toluene-d8  
Concen: 54.395 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.7  | 52.6  | 78.8  |





#51

4-Methyl-2-Pentanone

Concen: 99.489 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBS01

Tot Ion: 43 Resp: 125114

Ion Ratio Lower Upper

43 100

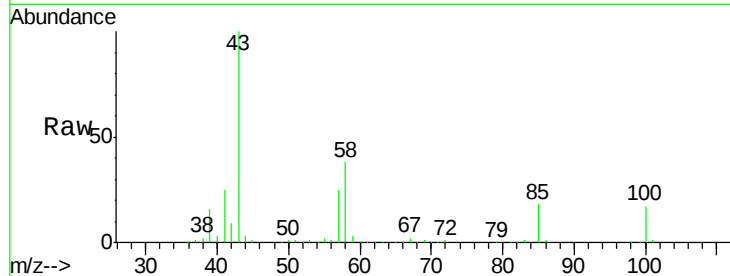
58 38.2 31.4 47.0

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

80000

60000

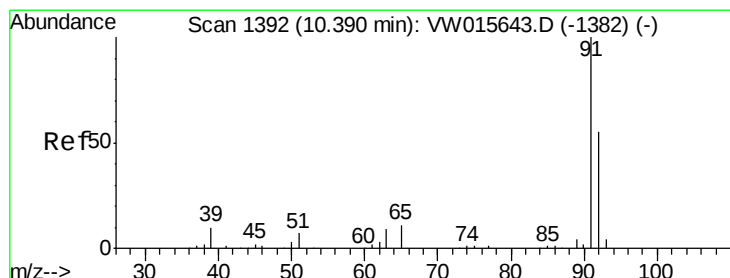
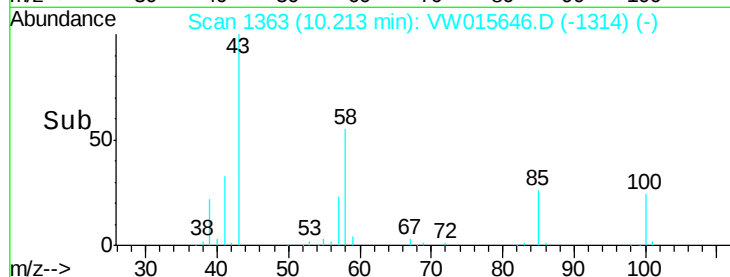
40000

20000

0

10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 20.512 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015646.D

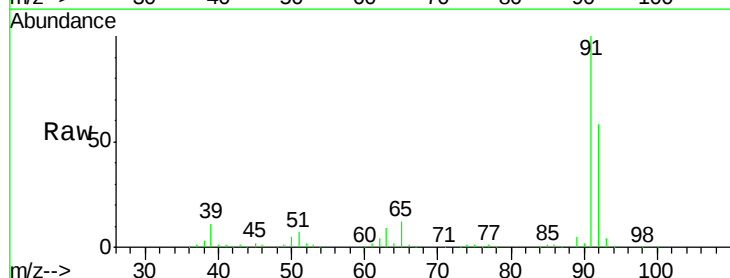
Acq: 22 Jun 2020 13:47

Tgt Ion: 92 Resp: 122575

Ion Ratio Lower Upper

92 100

91 170.2 136.5 204.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

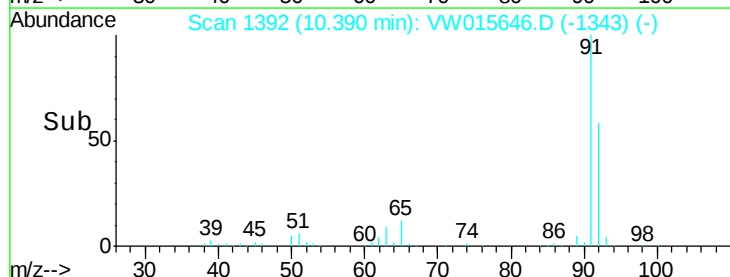
100000

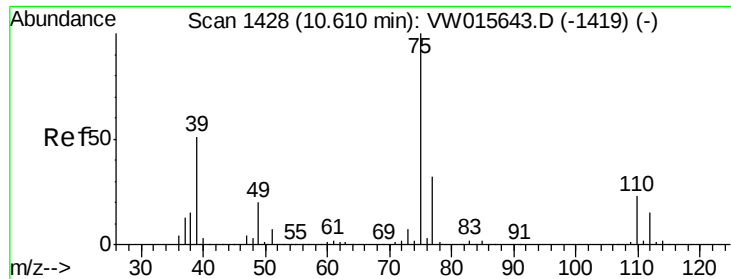
50000

0

10.30 10.40 10.50

Time-->





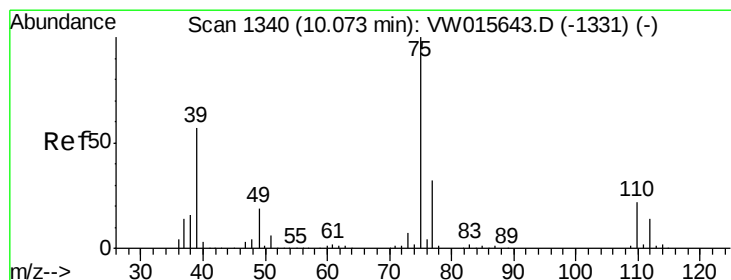
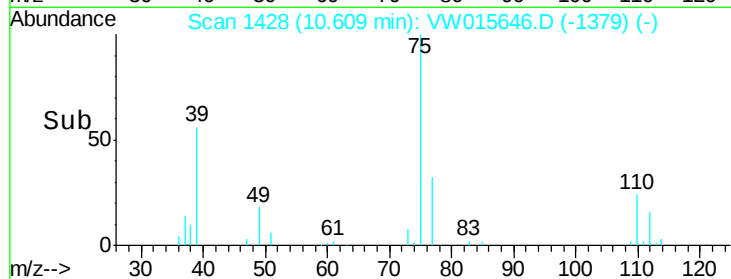
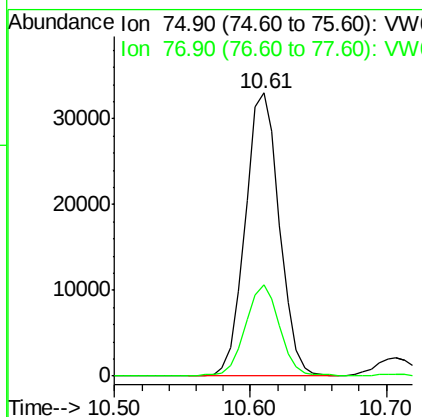
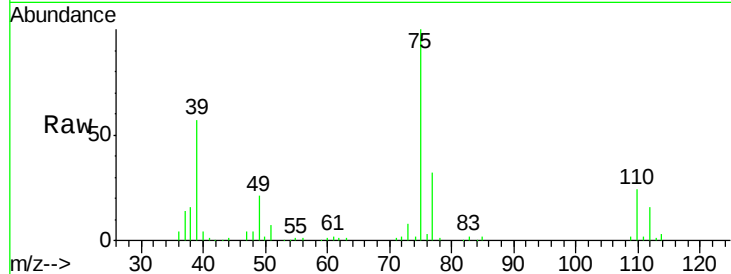
#53  
t-1,3-Dichloropropene  
Concen: 18.872 ug/l  
RT: 10.61 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0622SBS01

Tot Ion: 75 Resp: 58074  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.0 37.4

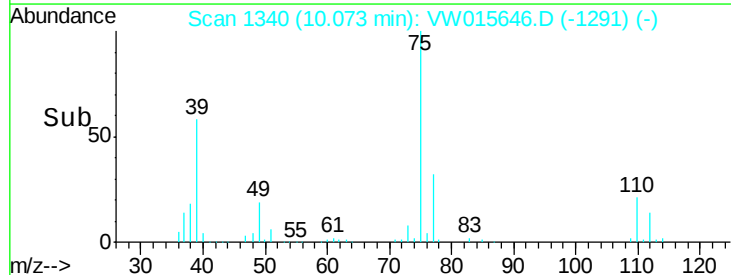
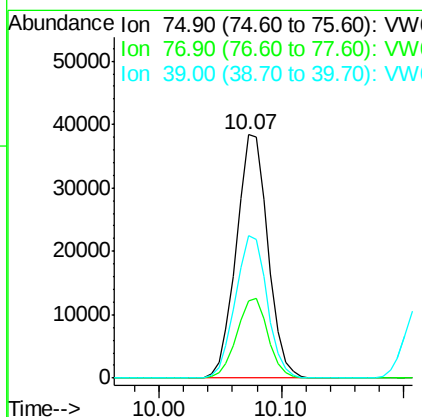
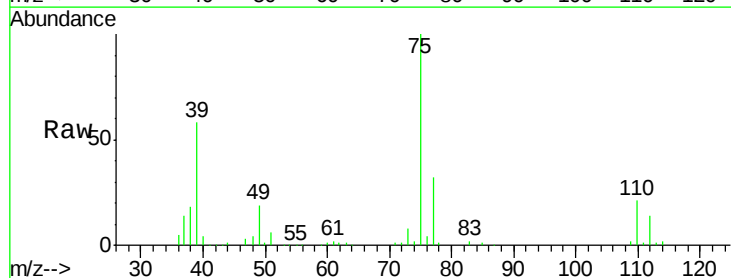
Manual Integrations  
APPROVED

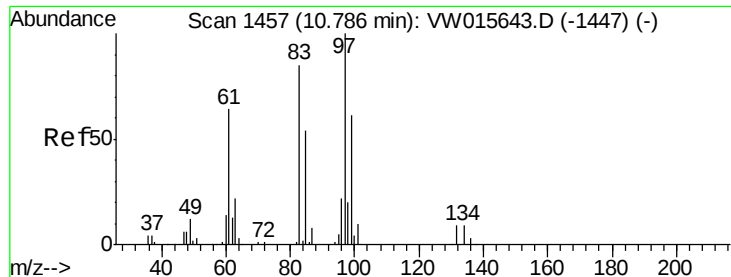
MMDadoda  
6/23/2020 11:00:55 AM



#54  
cis-1,3-Dichloropropene  
Concen: 18.985 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Tgt Ion: 75 Resp: 68840  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.9 37.3  
39 58.4 45.4 68.2





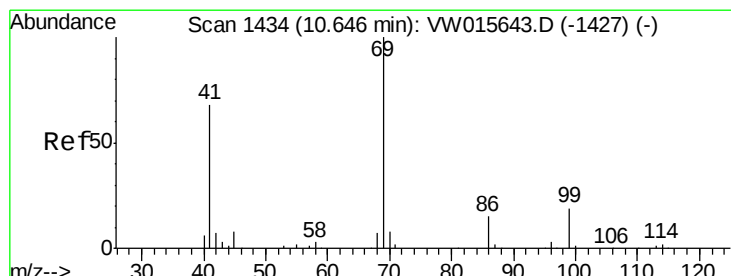
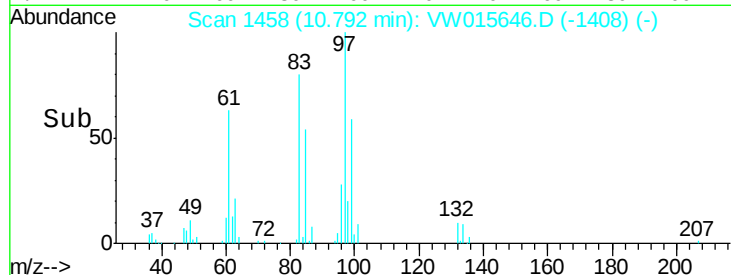
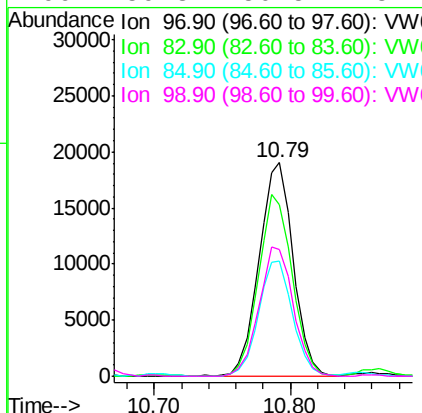
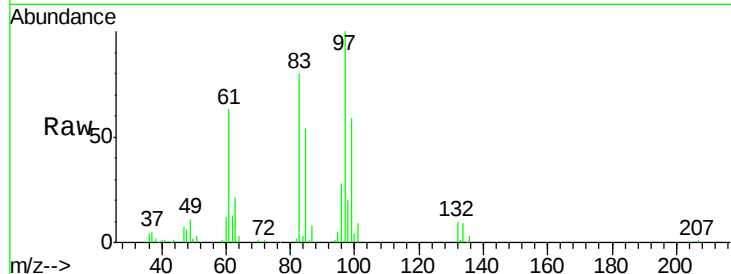
#55  
 1,1,2-Trichloroethane  
 Concen: 20.804 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. 0.01 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 33503 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.2  | 68.6  | 102.8 |
| 85       | 53.9  | 43.2  | 64.8  |
| 99       | 59.3  | 50.5  | 75.7  |

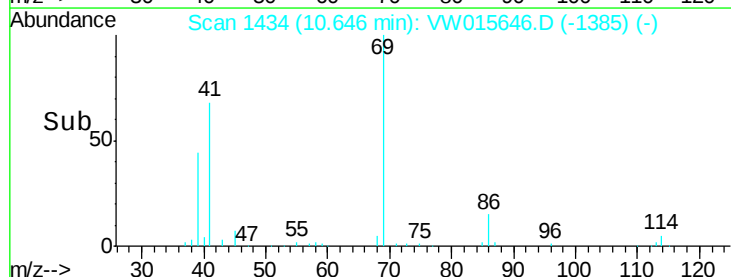
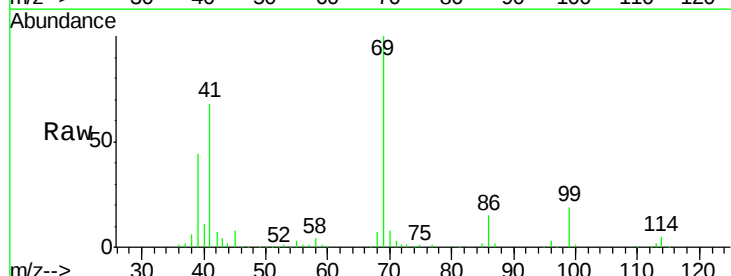
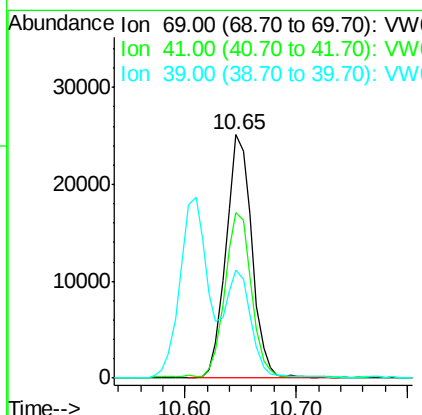
Manual Integrations  
 APPROVED

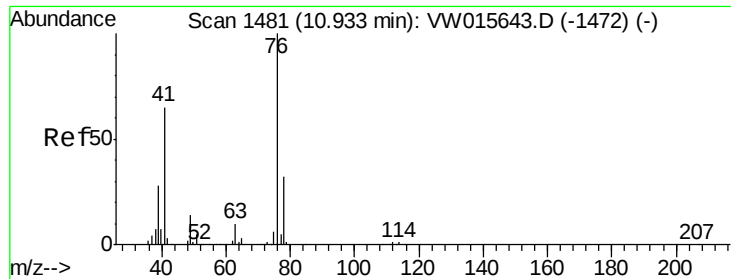
MMDadoda  
 6/23/2020 11:00:55 AM



#56  
 Ethyl methacrylate  
 Concen: 19.391 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 40618 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.6  | 56.2  | 84.4  |
| 39       | 43.8  | 33.3  | 49.9  |





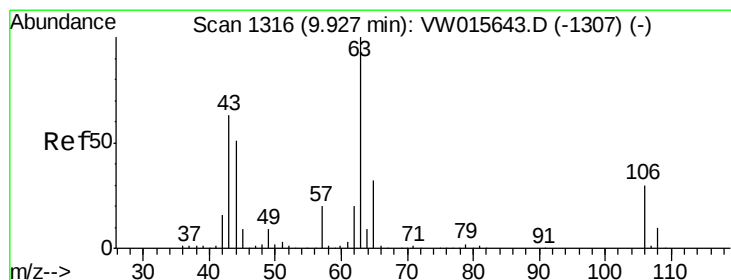
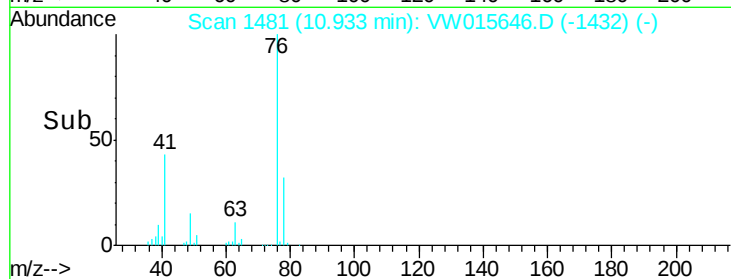
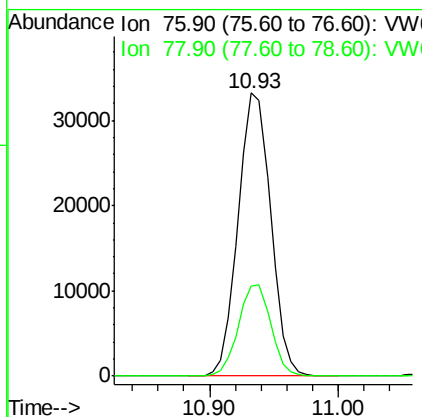
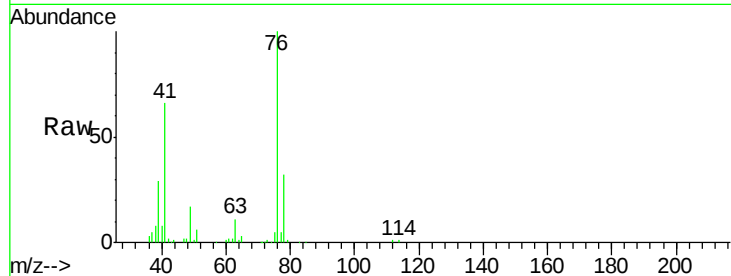
#57  
 1,3-Dichloropropane  
 Concen: 20.472 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

Tot Ion: 76 Resp: 58379  
 Ion Ratio Lower Upper  
 76 100  
 78 31.9 26.1 39.1

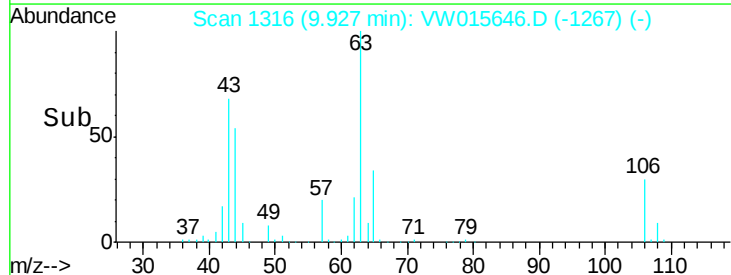
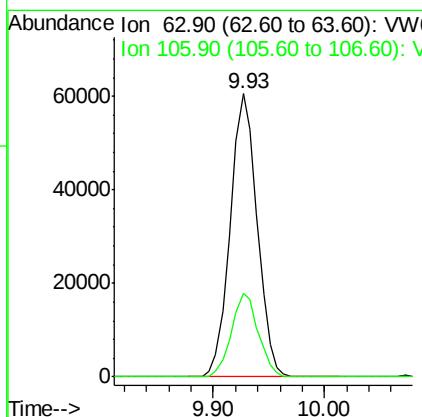
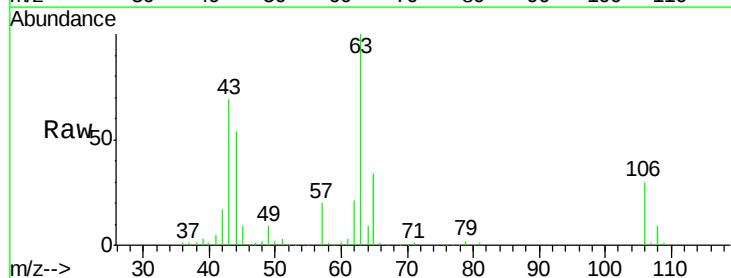
Manual Integrations  
 APPROVED

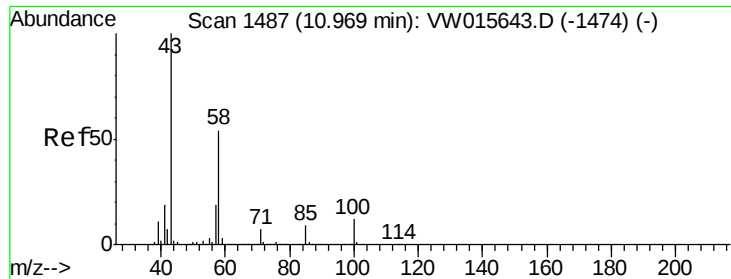
MMDadoda  
 6/23/2020 11:00:55 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 101.337 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Tgt Ion: 63 Resp: 101493  
 Ion Ratio Lower Upper  
 63 100  
 106 29.4 22.9 34.3





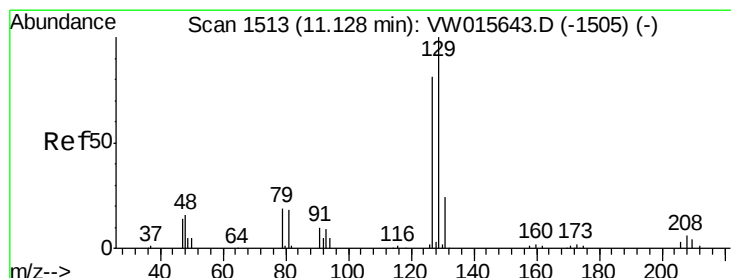
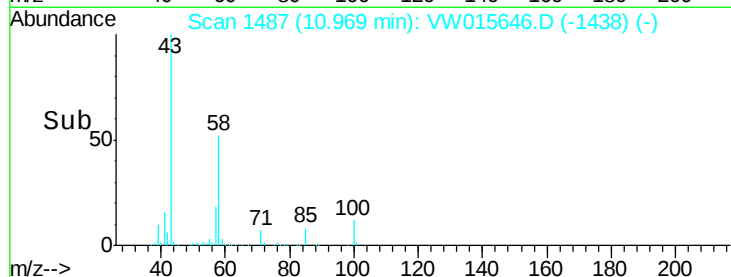
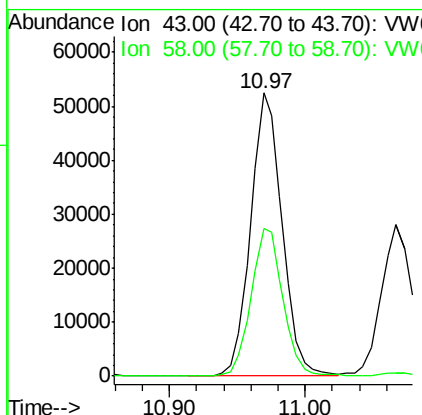
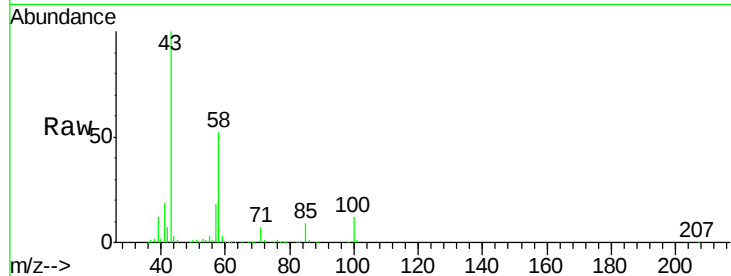
#59  
2-Hexanone  
Concen: 97.897 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Tot Ion: 43 Resp: 85156  
Ion Ratio Lower Upper  
43 100  
58 52.8 26.8 80.3

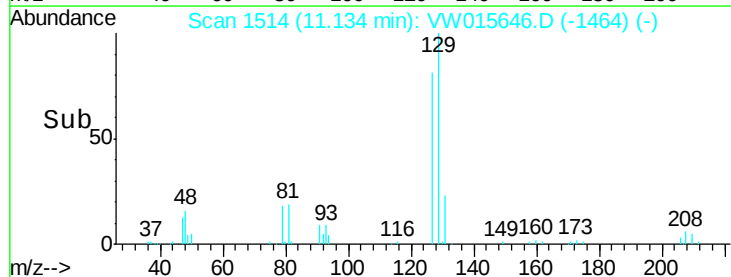
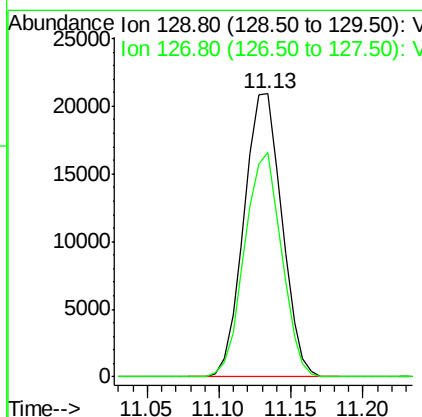
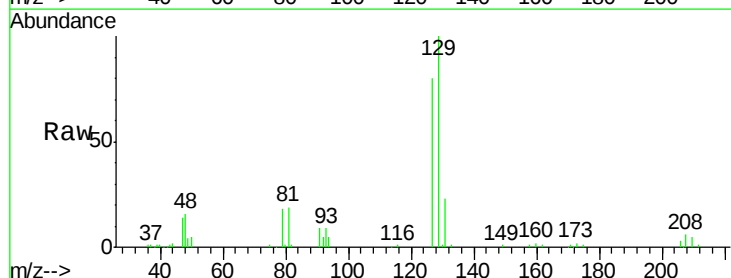
Manual Integrations  
APPROVED

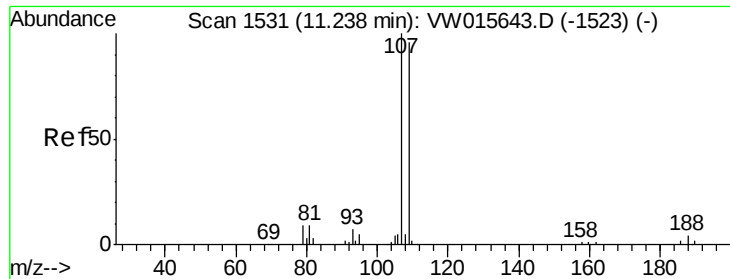
MMDadoda  
6/23/2020 11:00:55 AM



#60  
Dibromochloromethane  
Concen: 19.435 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Tgt Ion: 129 Resp: 38190  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.4 115.2





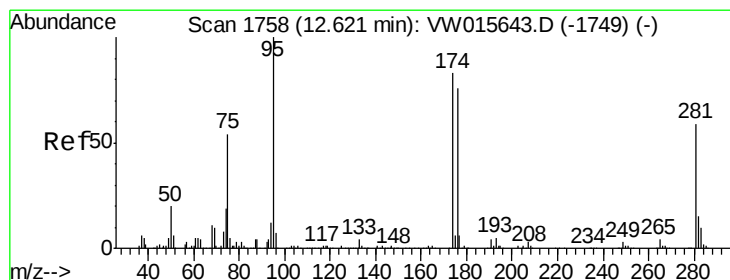
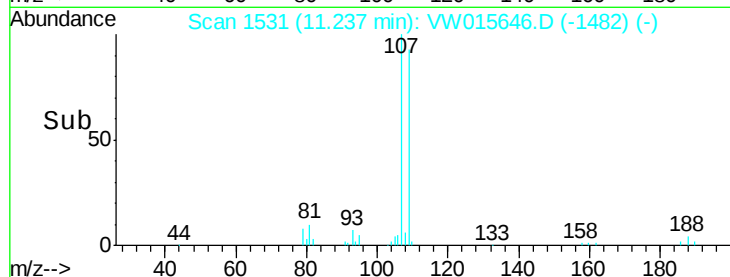
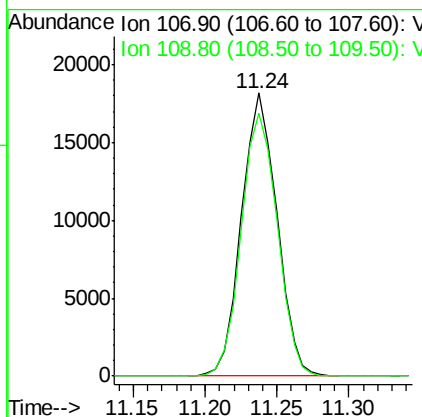
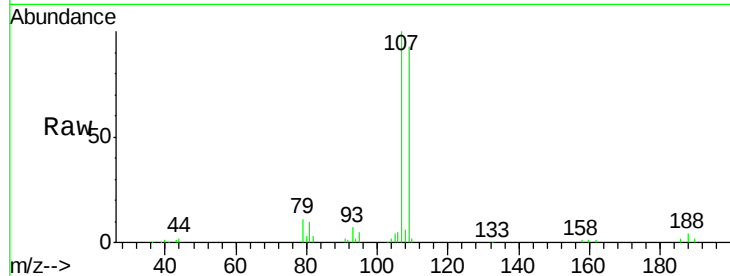
#61  
1,2-Dibromoethane  
Concen: 20.119 ug/l  
RT: 11.24 min Scan# 1531  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.8  | 74.6  | 111.8 |

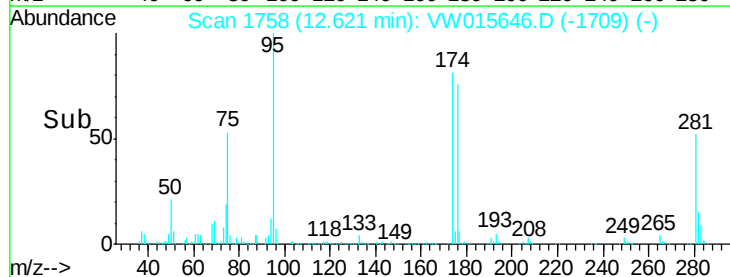
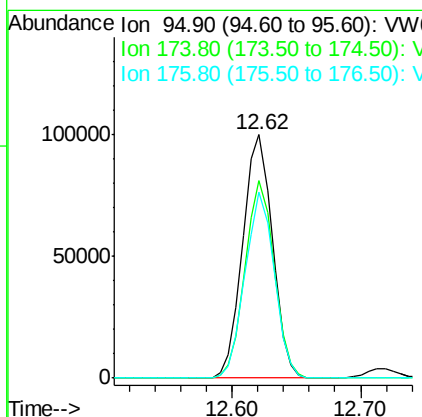
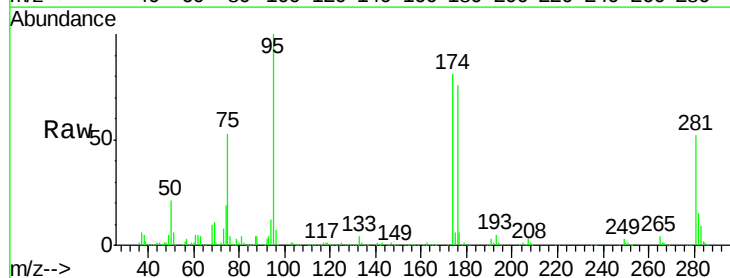
Manual Integrations  
APPROVED

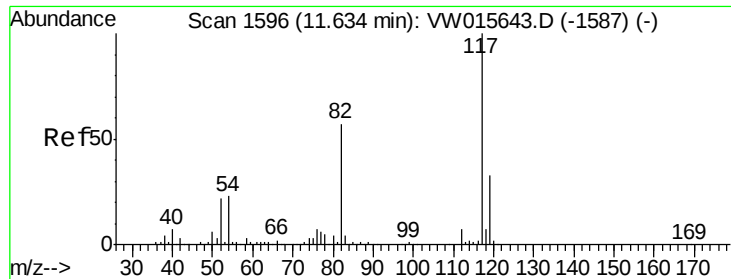
MMDadoda  
6/23/2020 11:00:55 AM



#62  
4-Bromofluorobenzene  
Concen: 54.118 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 79.4  | 0.0   | 153.6 |
| 176     | 75.2  | 0.0   | 152.8 |





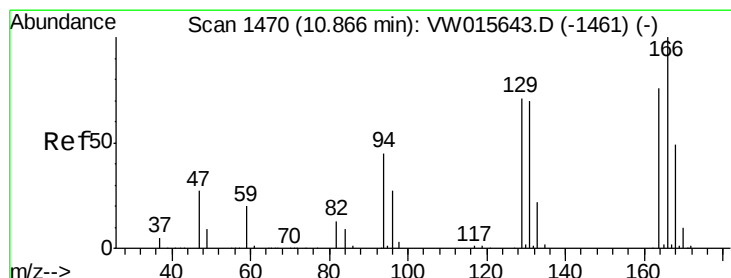
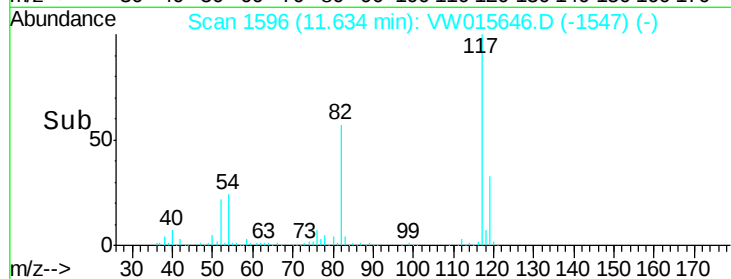
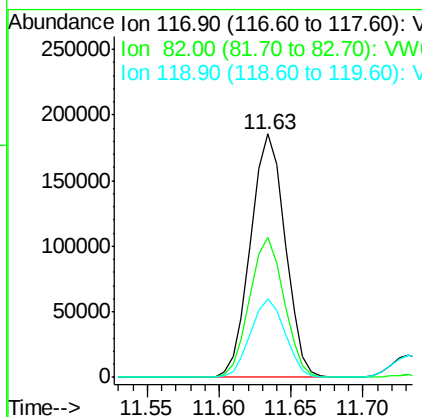
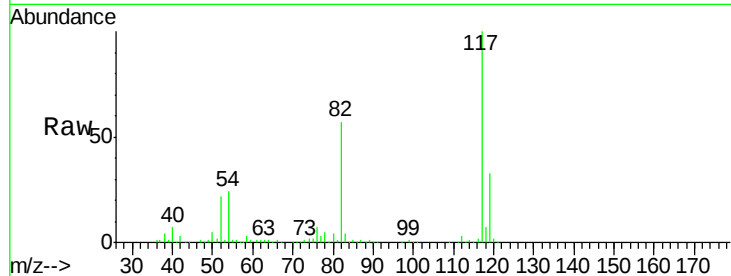
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.3  | 45.8  | 68.8  |
| 119     | 32.5  | 24.7  | 37.1  |

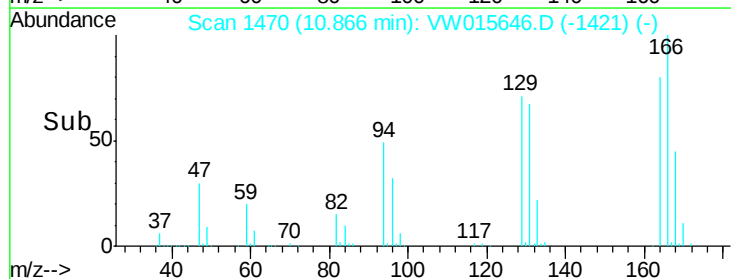
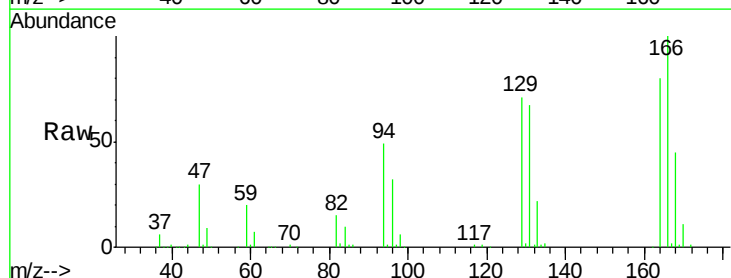
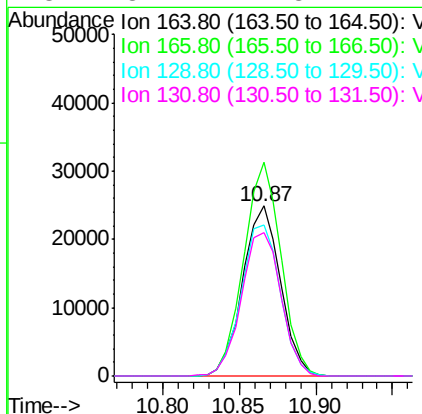
Manual Integrations  
APPROVED

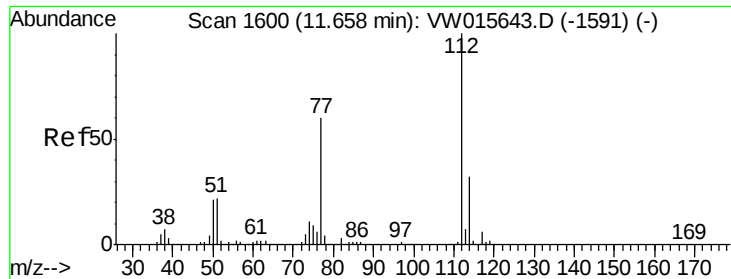
MMDadoda  
6/23/2020 11:00:55 AM



#64  
Tetrachloroethene  
Concen: 20.684 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.8 | 109.0 | 163.6 |
| 129     | 89.1  | 81.0  | 121.4 |
| 131     | 84.4  | 74.8  | 112.2 |





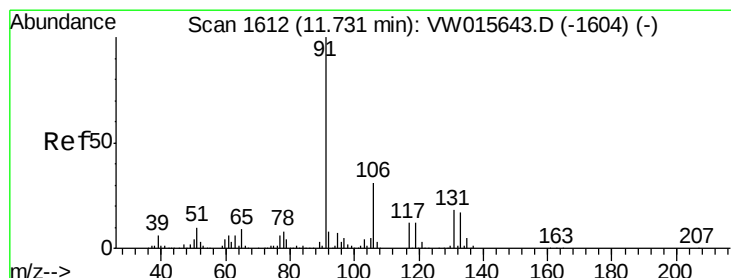
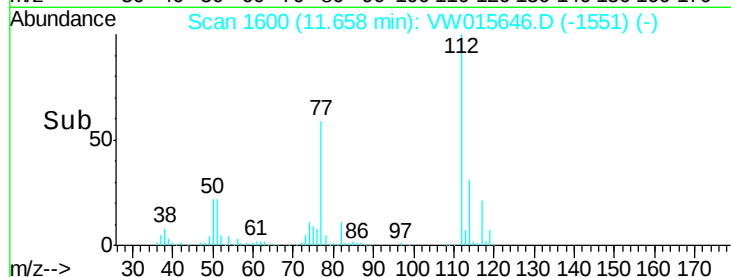
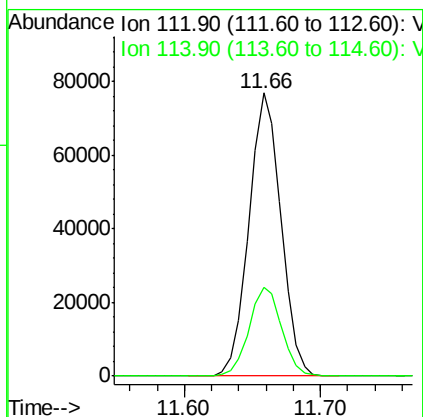
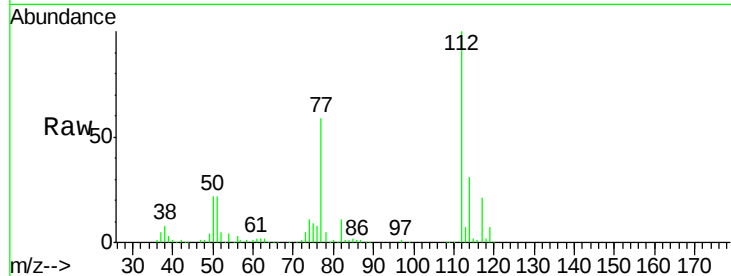
#65  
Chlorobenzene  
Concen: 20.230 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Tot Ion:112 Resp: 127193  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.8 38.6

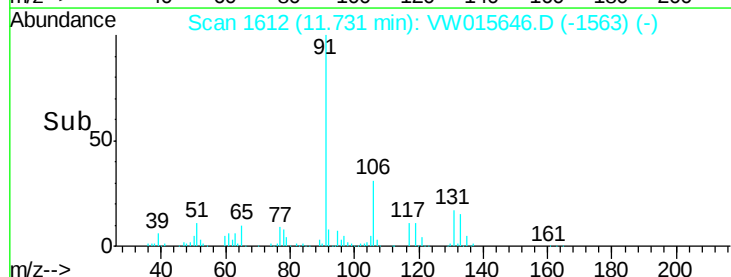
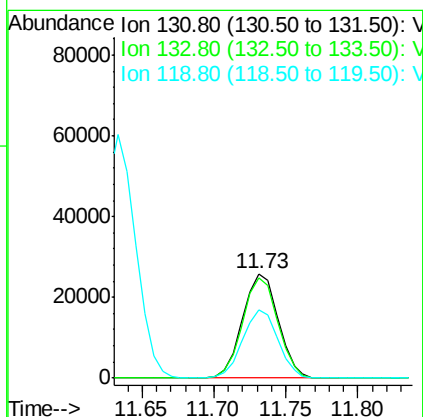
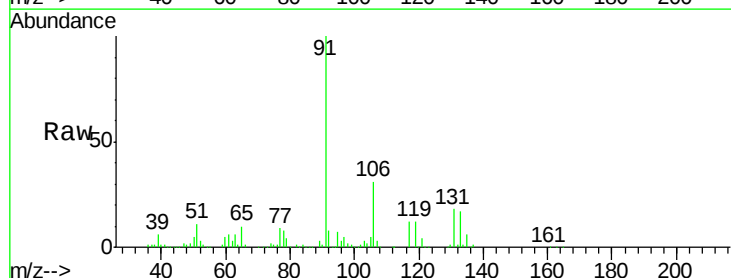
Manual Integrations  
APPROVED

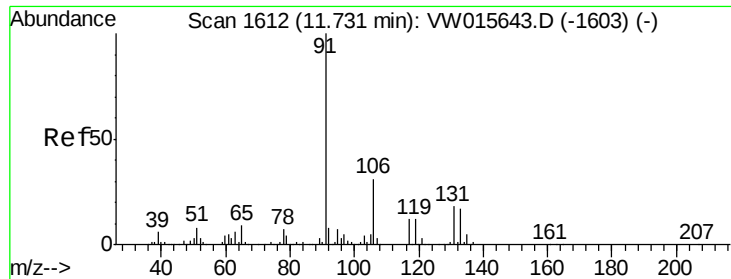
MMDadoda  
6/23/2020 11:00:55 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.793 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Tgt Ion:131 Resp: 44474  
Ion Ratio Lower Upper  
131 100  
133 94.9 48.3 144.8  
119 64.8 32.5 97.5





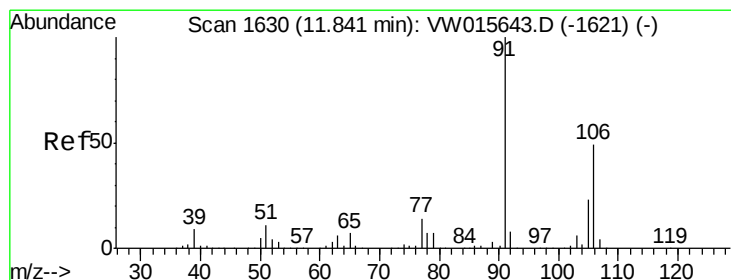
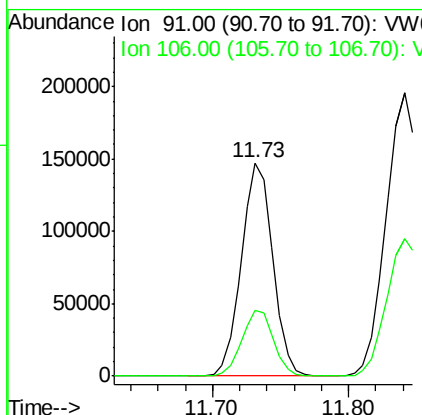
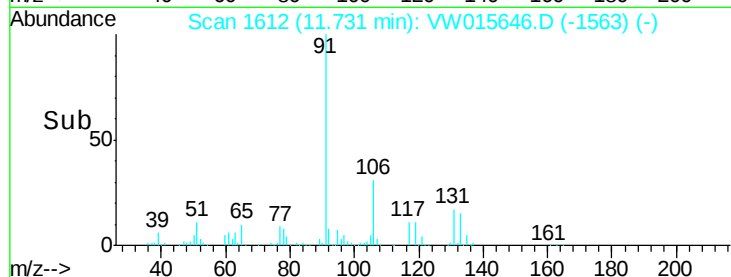
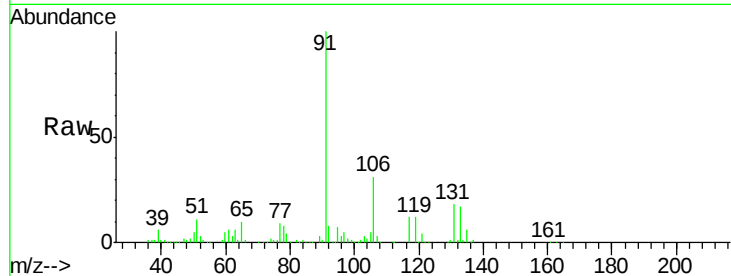
#67  
Ethyl Benzene  
Concen: 20.053 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBSD01

Tot Ion: 91 Resp: 237229  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.5 36.7

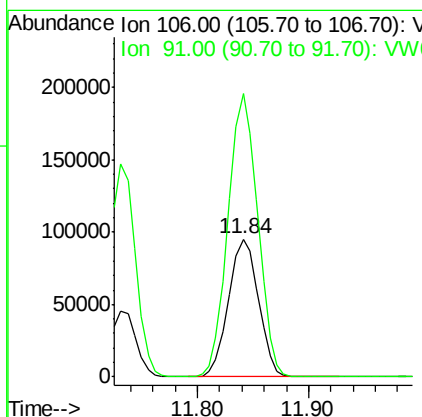
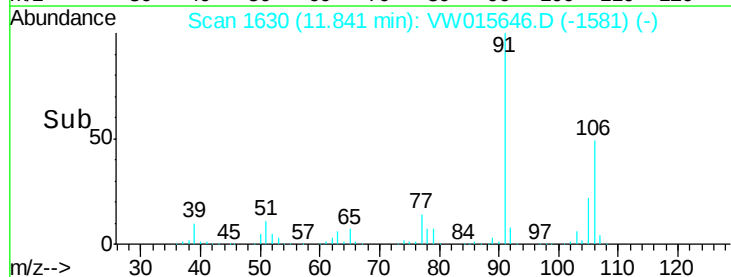
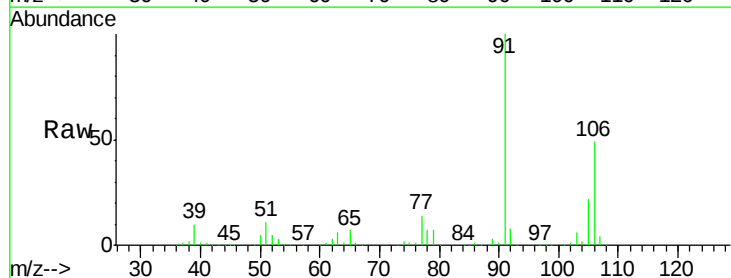
Manual Integrations  
APPROVED

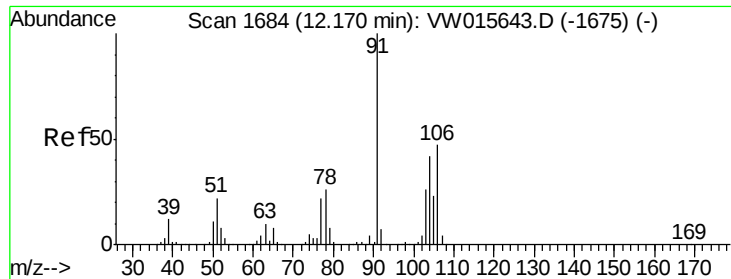
MMDadoda  
6/23/2020 11:00:55 AM



#68  
m/p-Xylenes  
Concen: 40.249 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Tgt Ion: 106 Resp: 177913  
Ion Ratio Lower Upper  
106 100  
91 203.3 163.5 245.3





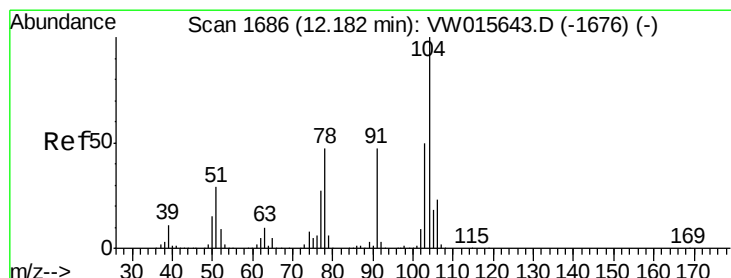
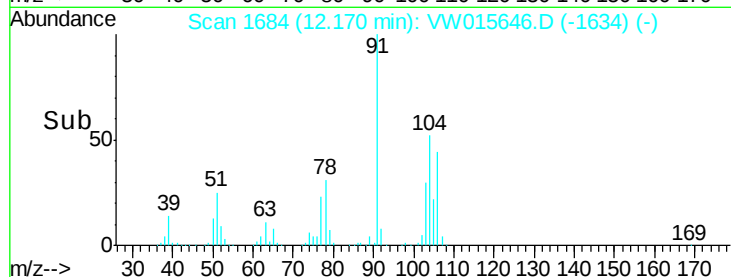
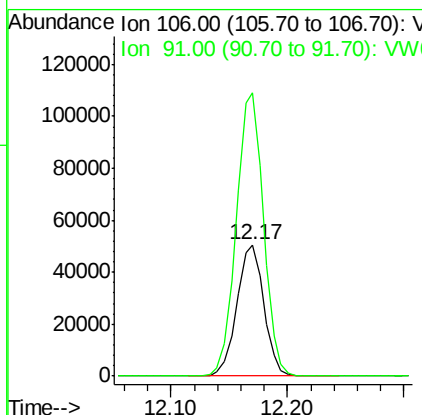
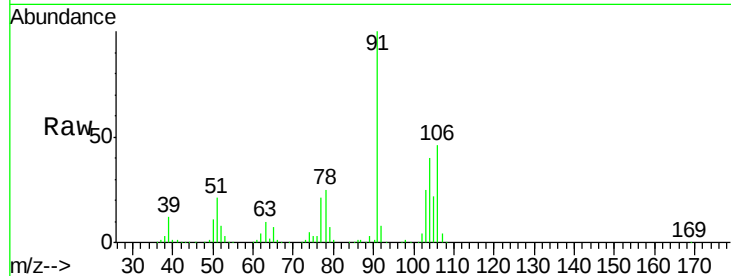
#69  
o-Xylene  
Concen: 19.751 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Tot Ion:106 Resp: 81329  
Ion Ratio Lower Upper  
106 100  
91 218.0 107.8 323.4

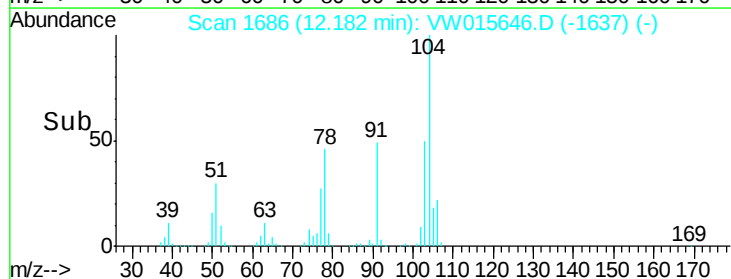
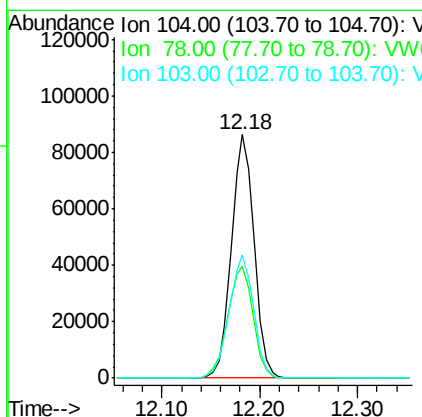
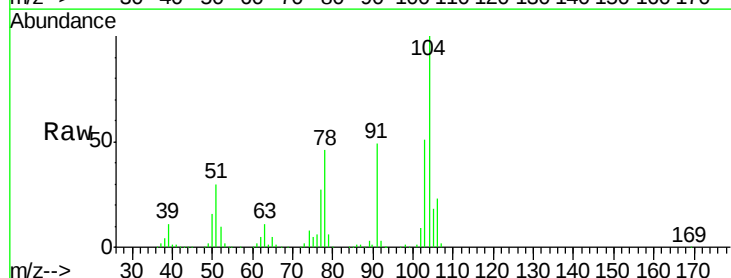
Manual Integrations  
APPROVED

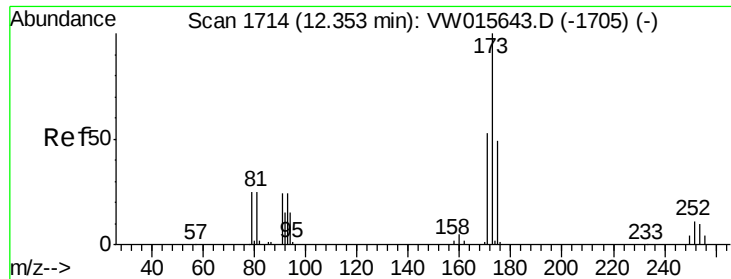
MMDadoda  
6/23/2020 11:00:55 AM



#70  
Styrene  
Concen: 19.722 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Tgt Ion:104 Resp: 138700  
Ion Ratio Lower Upper  
104 100  
78 51.3 41.7 62.5  
103 54.3 43.8 65.8





#71

Bromoform

Concen: 18.716 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

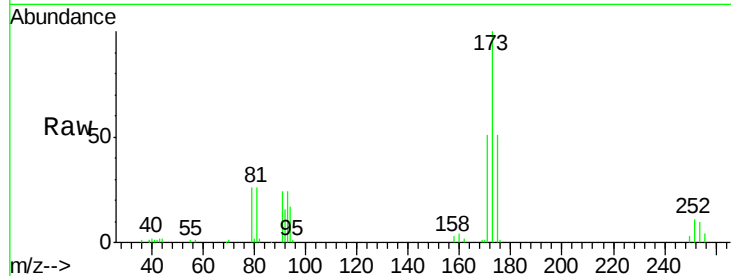
ClientSampleId :

VW0622SBS01

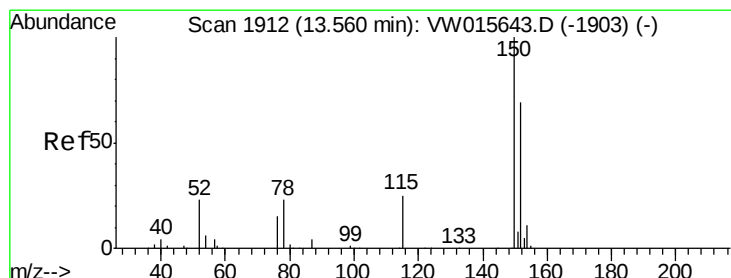
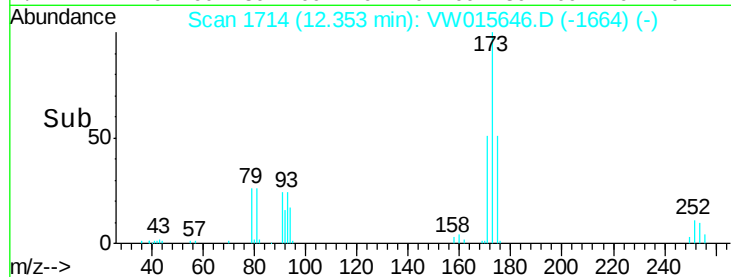
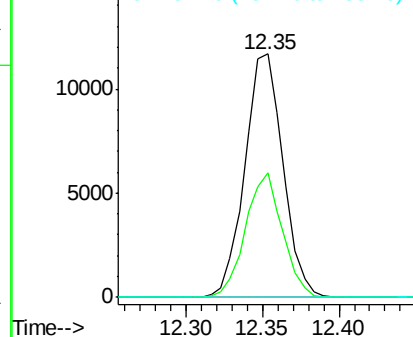
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 20214 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.1  | 24.8  | 74.3  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 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

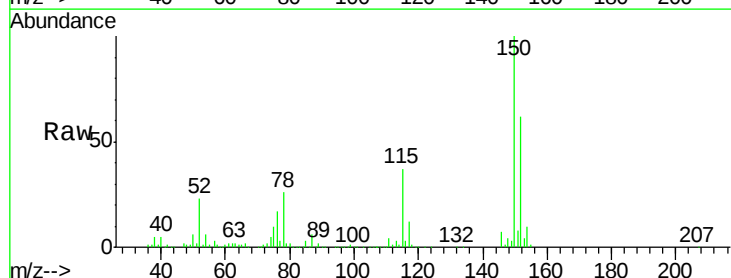
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

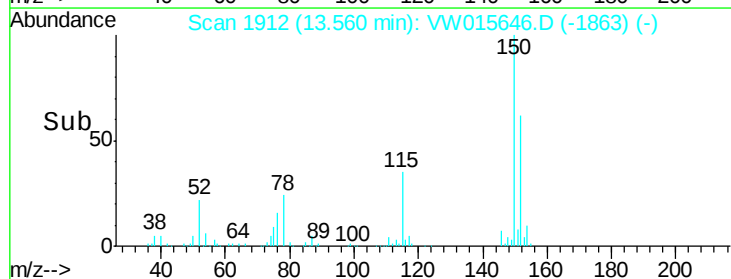
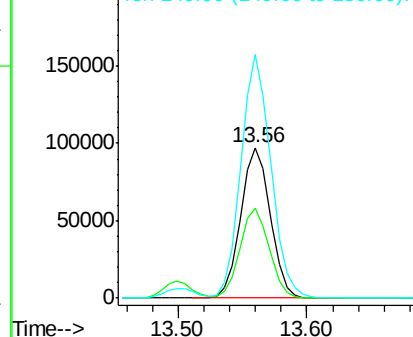
Lab File: VW015646.D

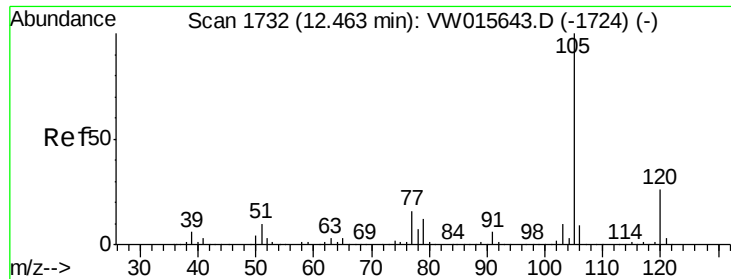
Acq: 22 Jun 2020 13:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 153808 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 59.4  | 30.0  | 90.0   |
| 150       | 164.4 | 0.0   | 351.0  |



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





#73

Isopropylbenzene

Concen: 19.397 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampleId :

VW0622SBS01

Tot Ion: 105 Resp: 228109

Ion Ratio Lower Upper

105 100

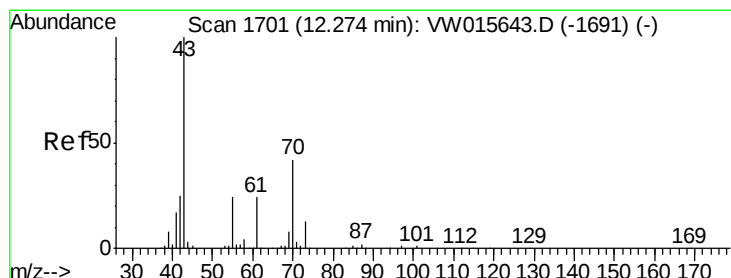
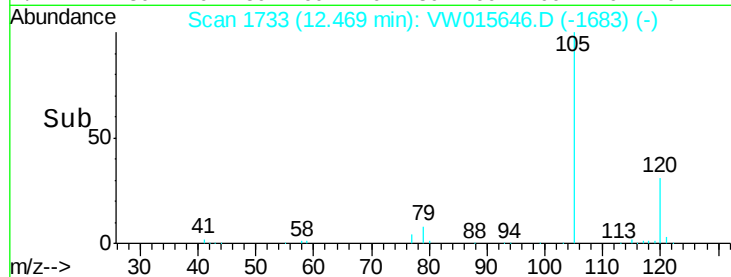
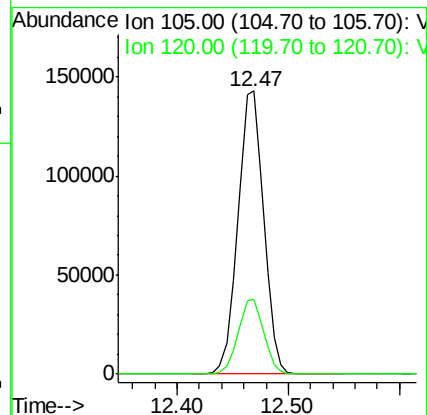
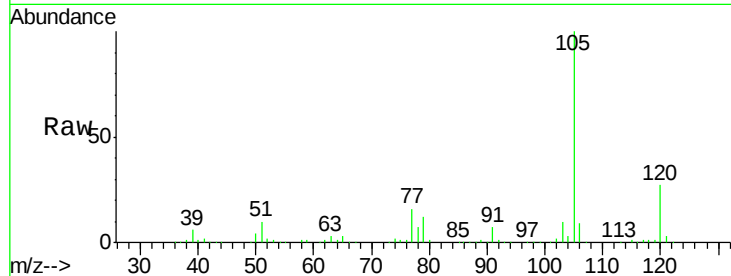
120 26.4 13.0 38.9

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 AM



#74

N-ethyl acetate

Concen: 19.022 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Tgt Ion: 43 Resp: 48016

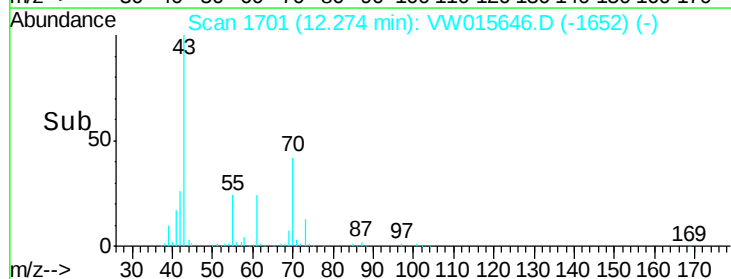
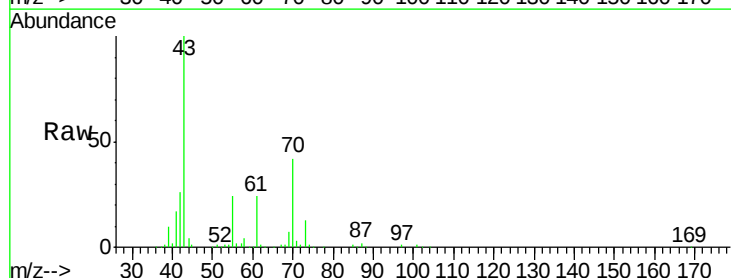
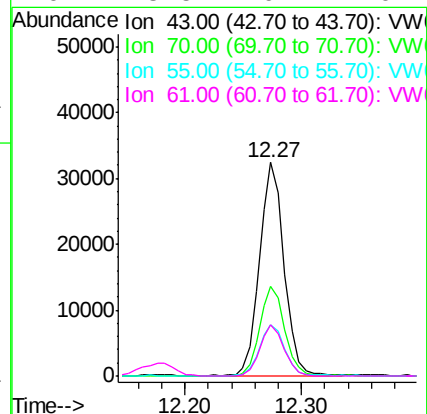
Ion Ratio Lower Upper

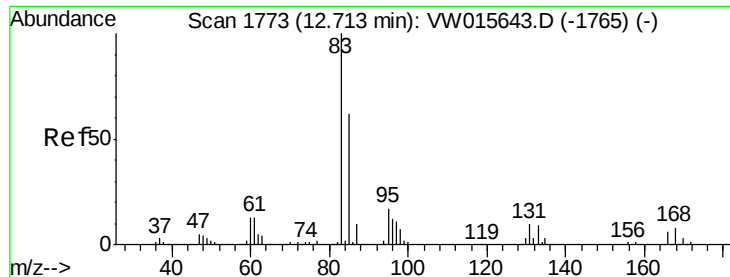
43 100

70 42.3 33.6 50.4

55 24.7 19.1 28.7

61 23.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.244 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

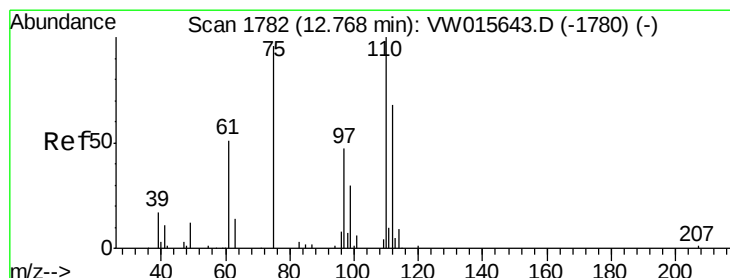
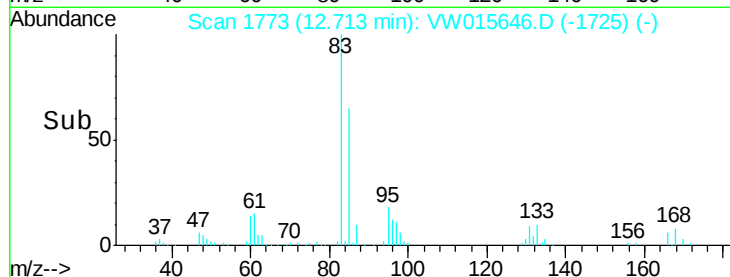
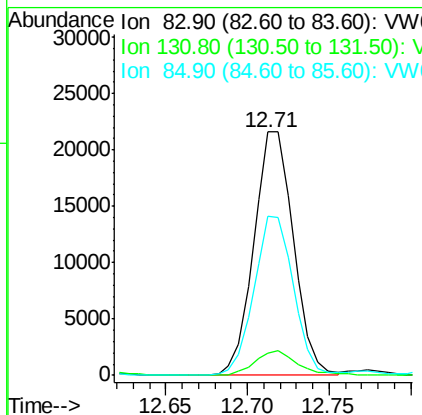
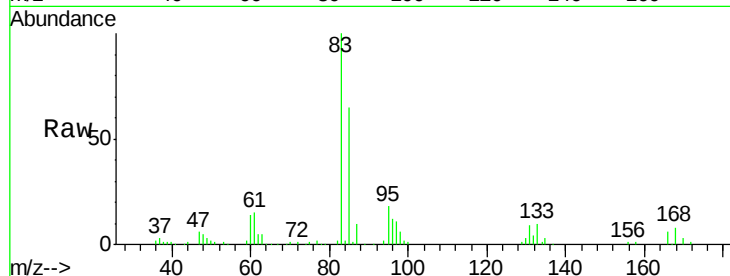
ClientSampleId :

VW0622SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 36683 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.6  | 5.3   | 16.1  |
| 85       | 64.6  | 32.0  | 96.0  |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#76

1,2,3-Trichloropropane

Concen: 21.062 ug/l m

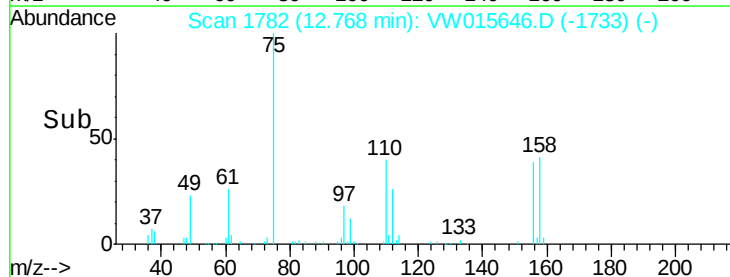
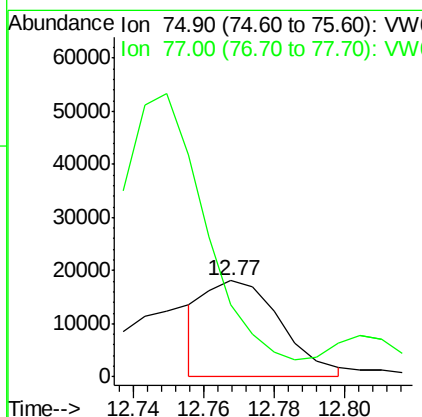
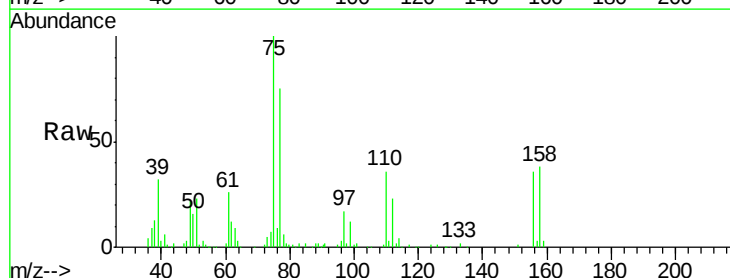
RT: 12.77 min Scan# 1782

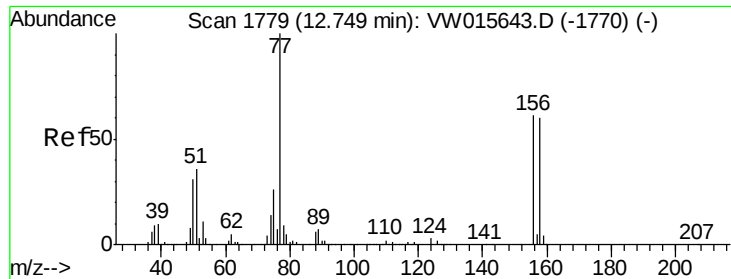
Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 27318 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 354.9 | 0.0   | 0.0#  |





#77

Bromobenzene

Concen: 19.942 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

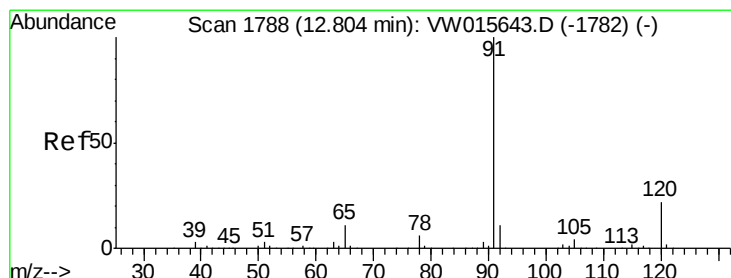
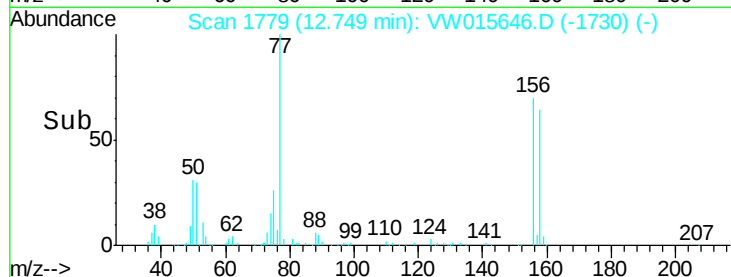
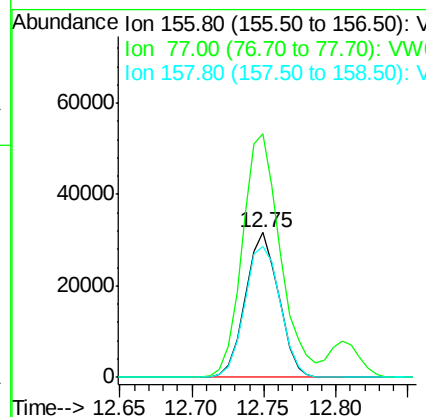
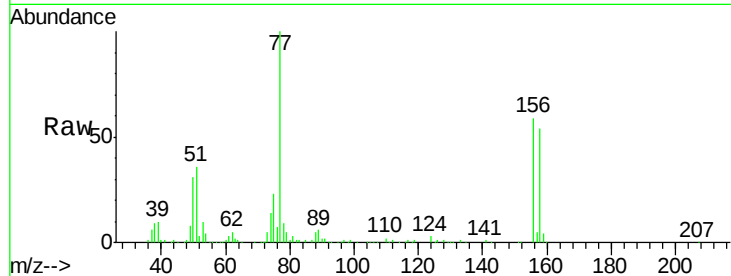
ClientSampled :

VW0622SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 50641 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 191.5 | 97.3  | 291.8 |
| 158       | 96.6  | 48.5  | 145.6 |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#78

n-propylbenzene

Concen: 19.929 ug/l

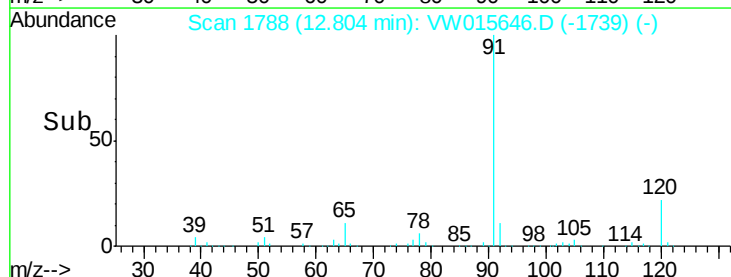
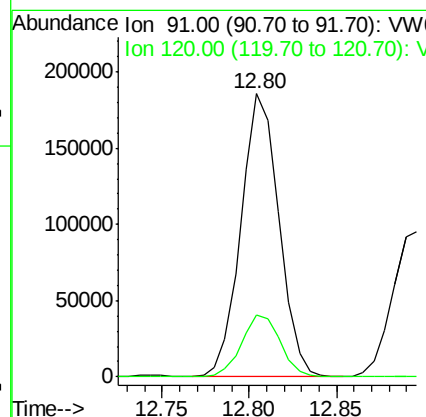
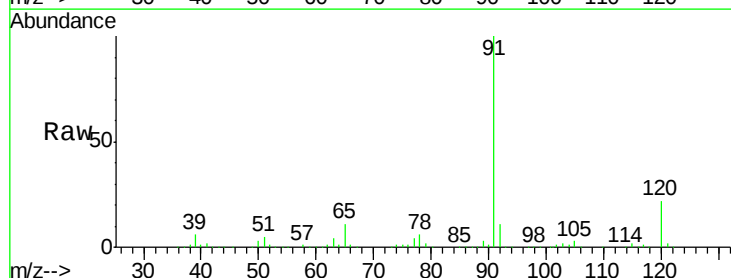
RT: 12.80 min Scan# 1788

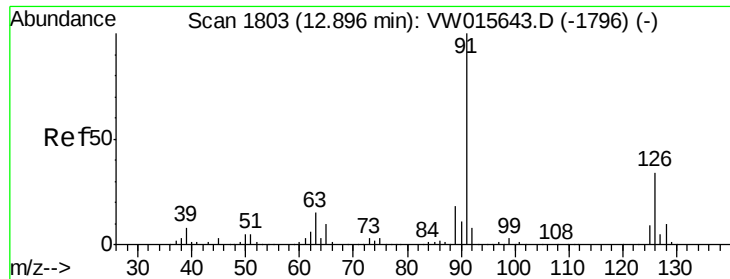
Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 280007 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.3  | 11.3  | 33.8   |





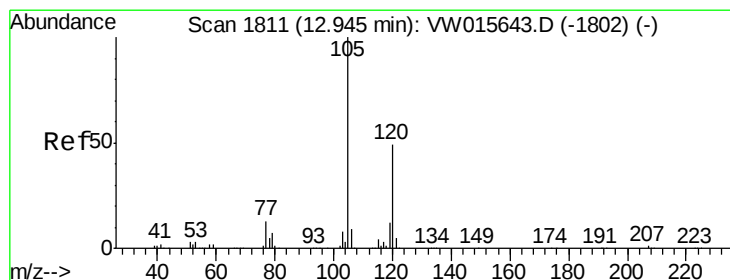
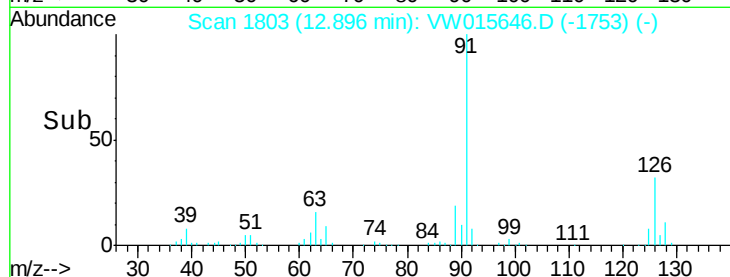
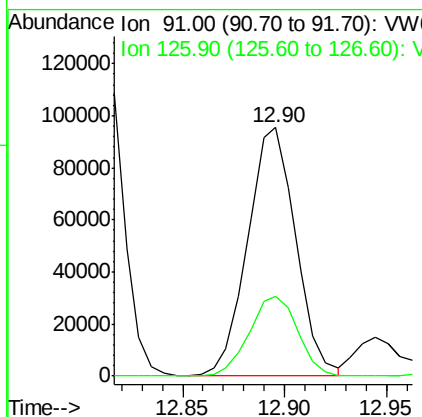
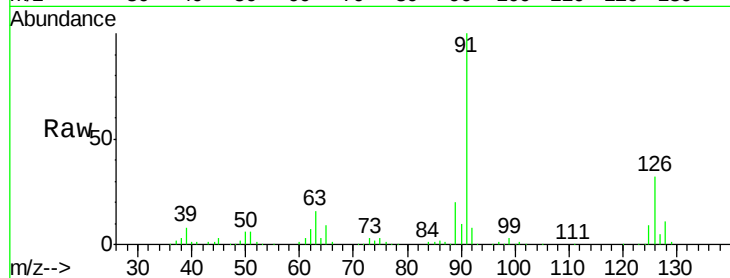
#79  
2-Chlorotoluene  
Concen: 19.611 ug/l  
RT: 12.90 min Scan# 1803  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

Tot Ion: 91 Resp: 156394  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.2 48.5

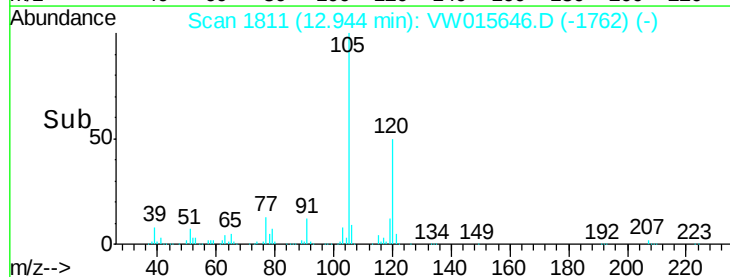
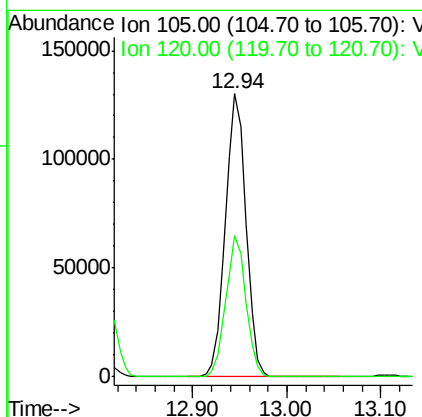
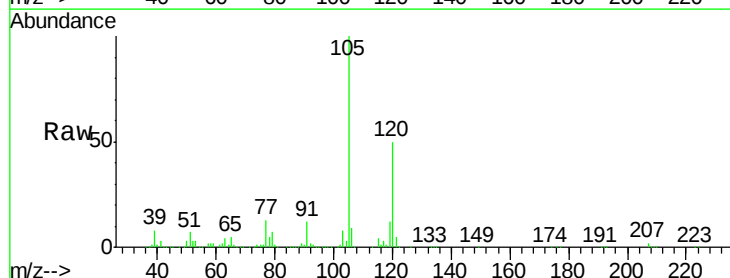
Manual Integrations  
APPROVED

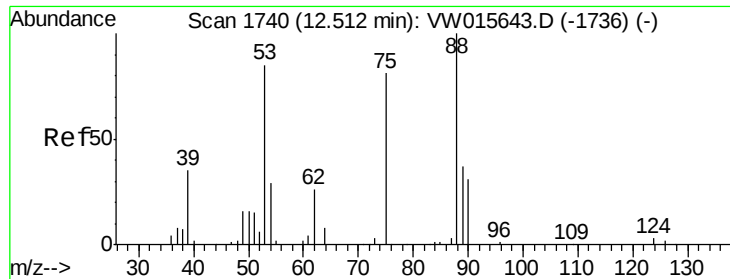
MMDadoda  
6/23/2020 11:00:55 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 19.952 ug/l  
RT: 12.94 min Scan# 1811  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Tgt Ion: 105 Resp: 197733  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.7 74.1





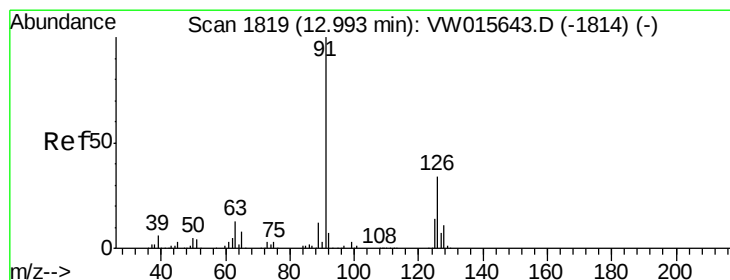
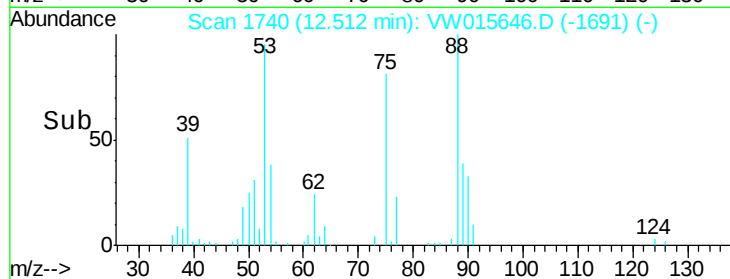
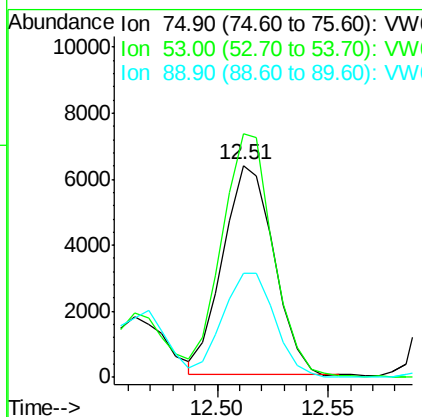
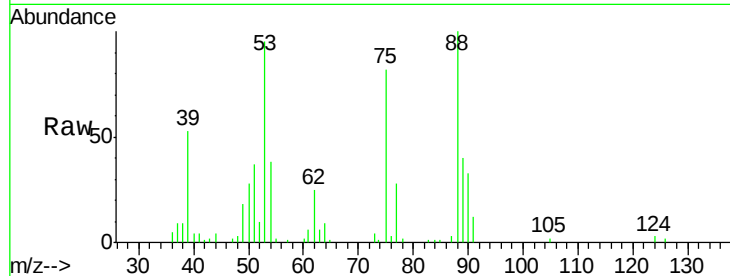
#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.899 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 116.8 | 84.0  | 126.0 |
| 89      | 50.9  | 36.6  | 55.0  |

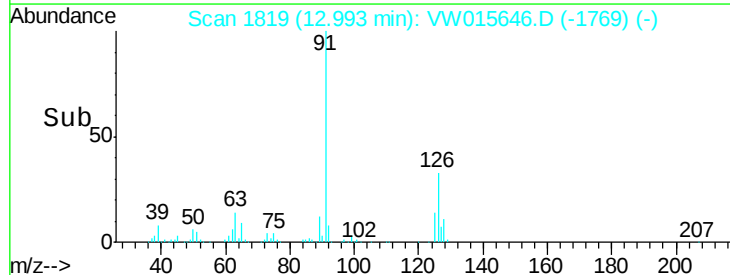
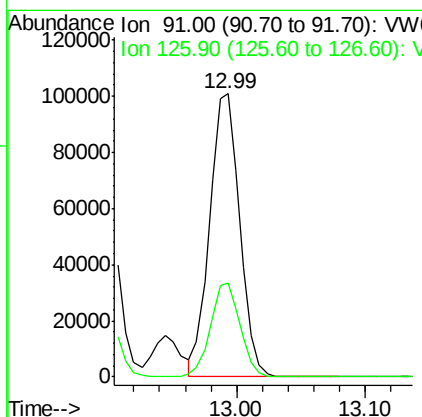
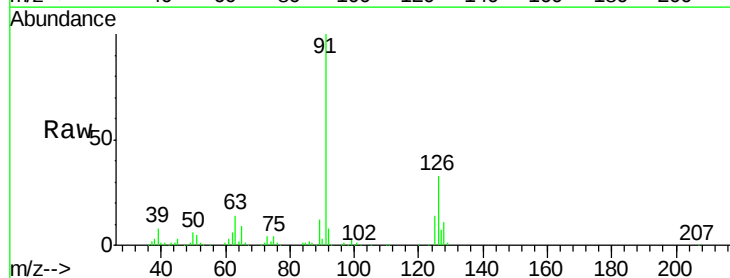
Manual Integrations  
APPROVED

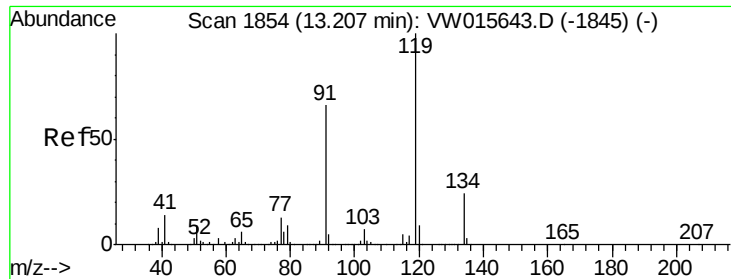
MMDadoda  
6/23/2020 11:00:55 AM



#82  
4-Chlorotoluene  
Concen: 19.965 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.9  | 16.4  | 49.4  |





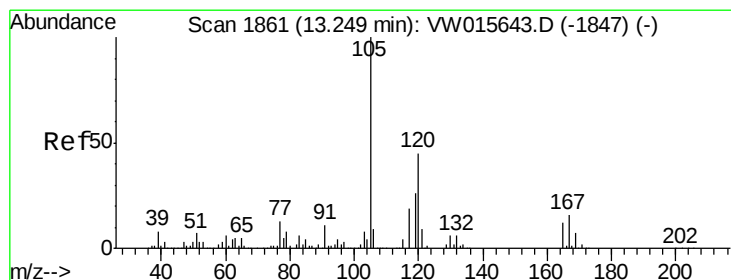
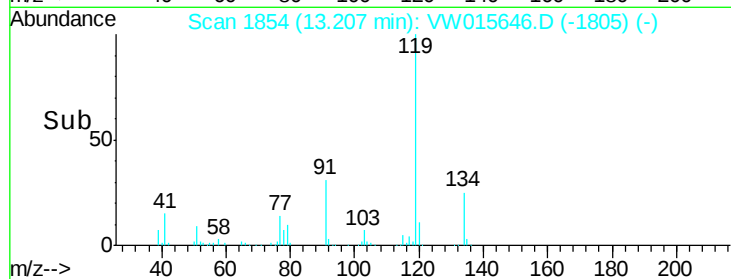
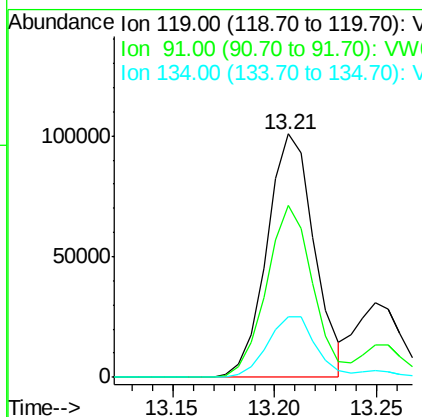
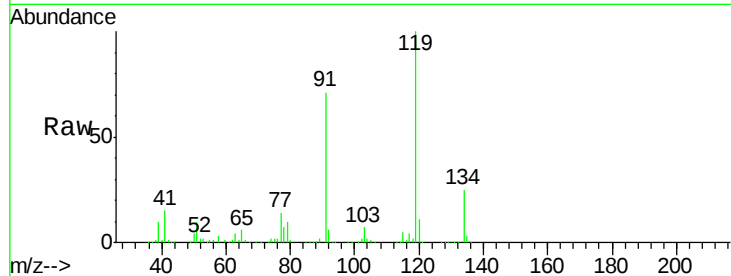
#83  
tert-Butylbenzene  
Concen: 19.275 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 69.8  | 34.2  | 102.5 |
| 134     | 25.5  | 12.7  | 38.1  |

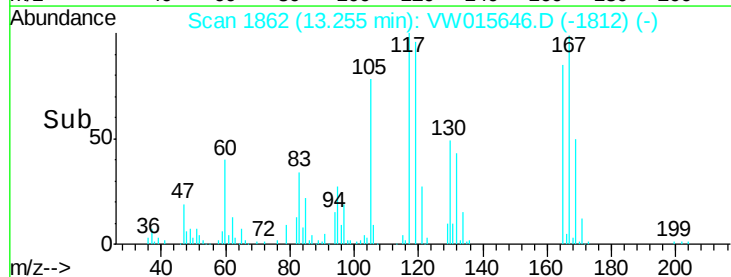
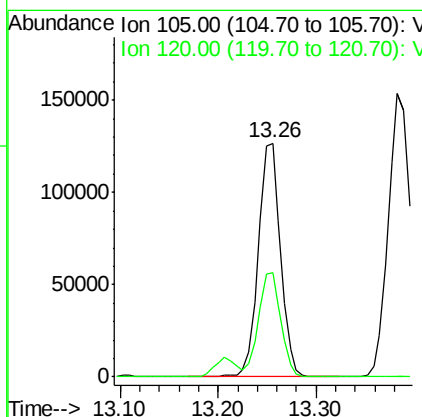
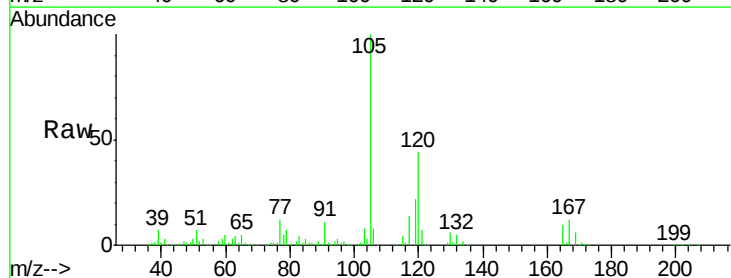
Manual Integrations  
APPROVED

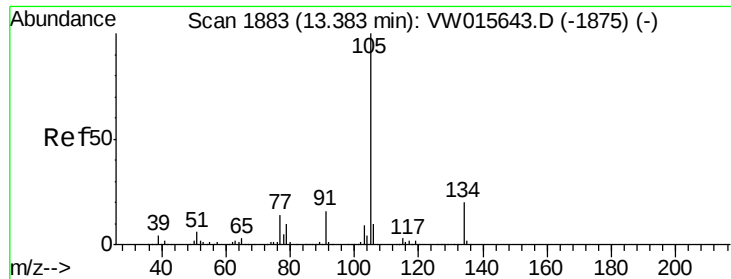
MMDadoda  
6/23/2020 11:00:55 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.082 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.8  | 22.6  | 67.8  |





#85

sec-Butylbenzene

Concen: 19.987 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

ClientSampled :

VW0622SBS01

Tot Ion:105 Resp: 238558

Ion Ratio Lower Upper

105 100

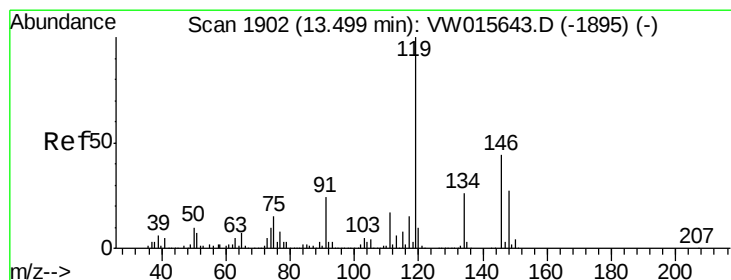
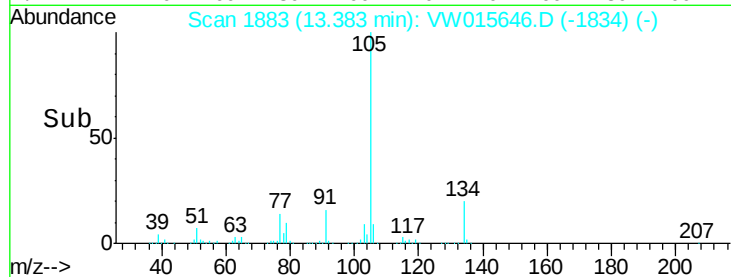
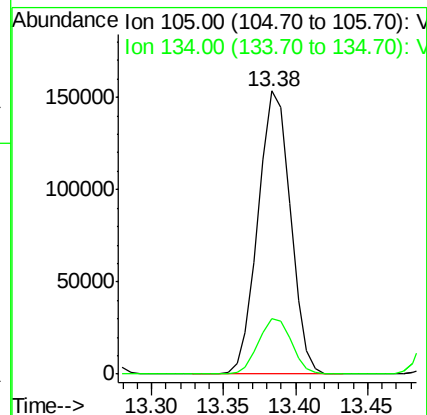
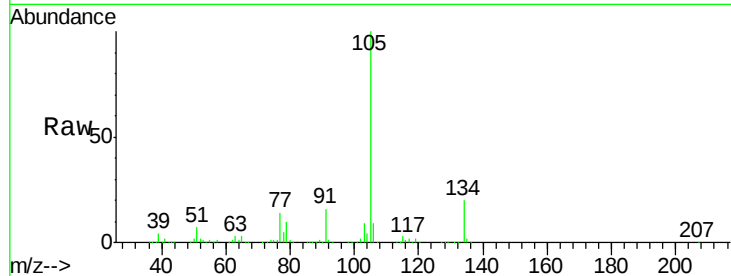
134 20.1 10.0 30.0

Manual Integrations

APPROVED

MMDadoda

6/23/2020 11:00:55 AM



#86

p-Isopropyltoluene

Concen: 19.935 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

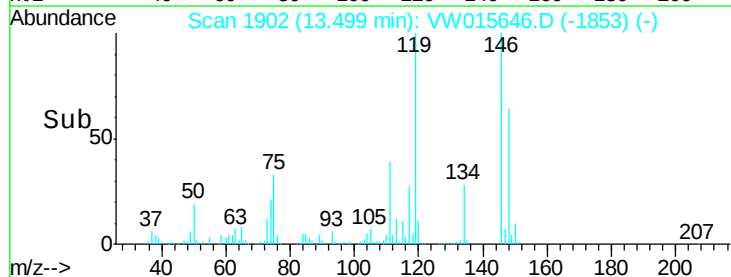
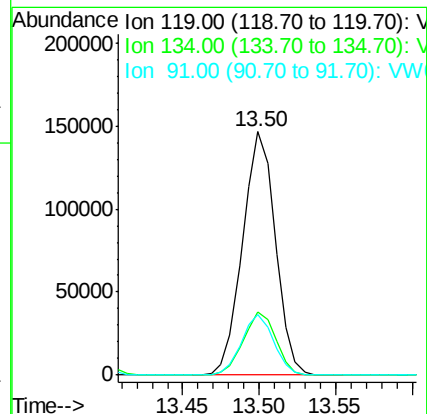
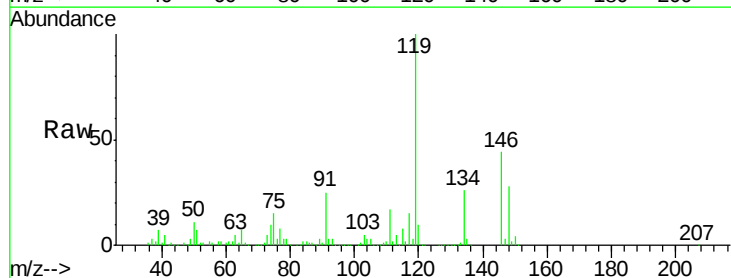
Tgt Ion:119 Resp: 217951

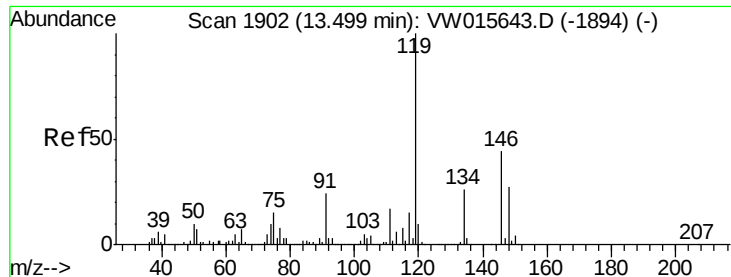
Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

91 24.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 20.008 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

Instrument :

MSVOA\_W

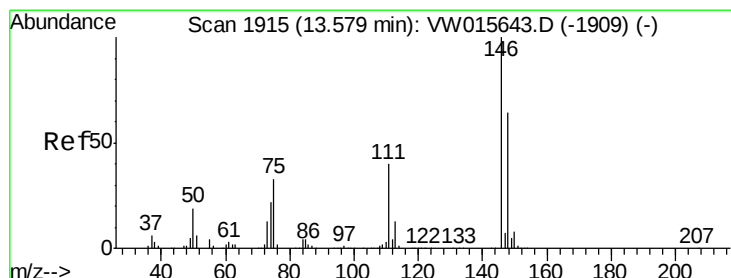
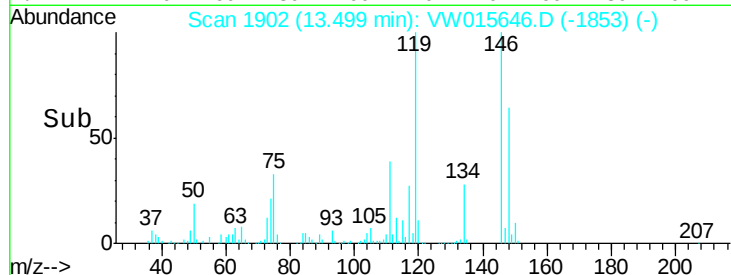
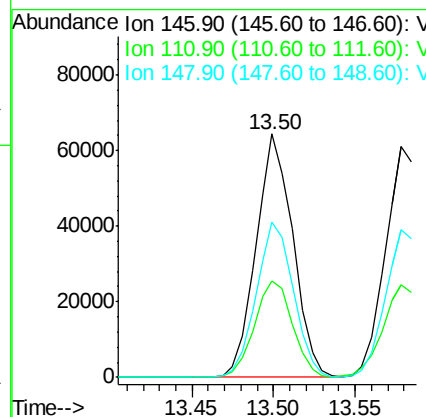
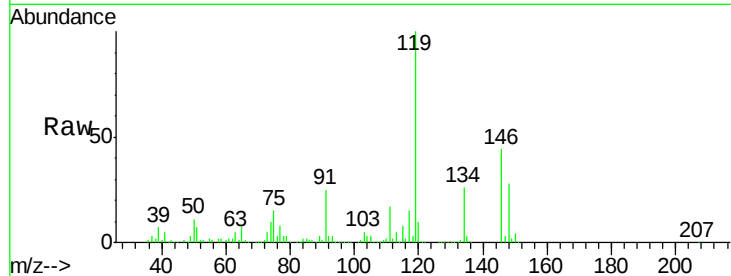
ClientSampleId :

VW0622SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 100794 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.0  | 20.8  | 62.5   |
| 148       | 64.3  | 31.2  | 93.6   |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#88

1,4-Dichlorobenzene

Concen: 19.650 ug/l

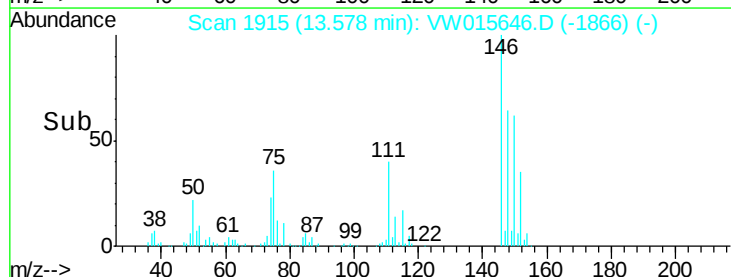
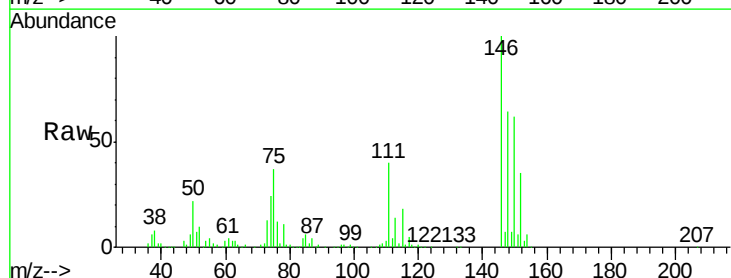
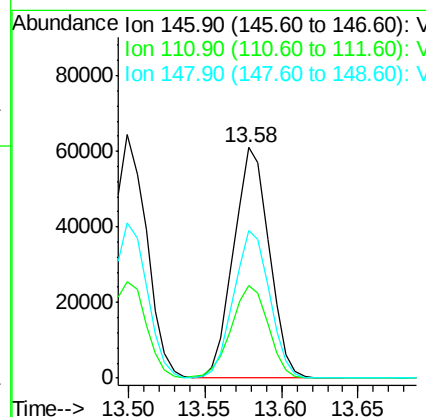
RT: 13.58 min Scan# 1915

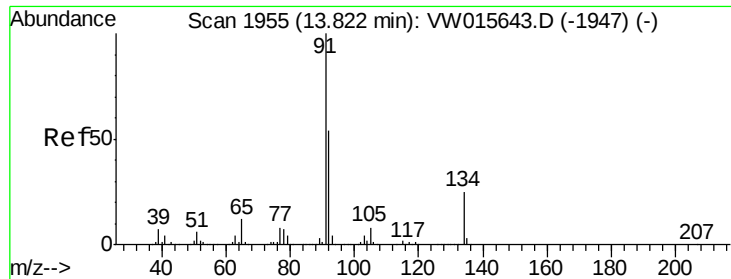
Delta R.T. 0.00 min

Lab File: VW015646.D

Acq: 22 Jun 2020 13:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 98626 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.9  | 19.6  | 58.7  |
| 148       | 64.4  | 30.9  | 92.7  |





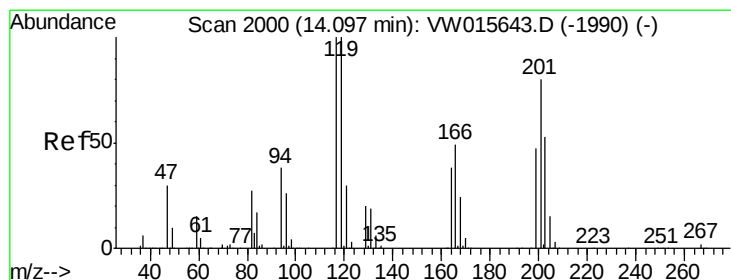
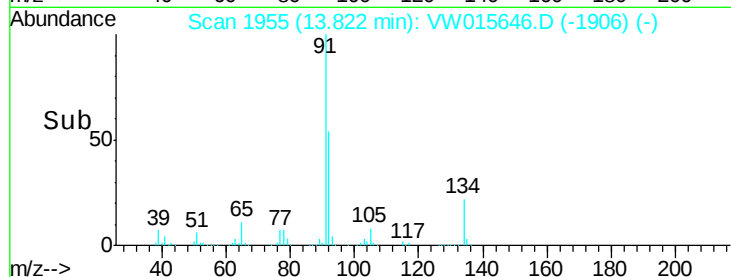
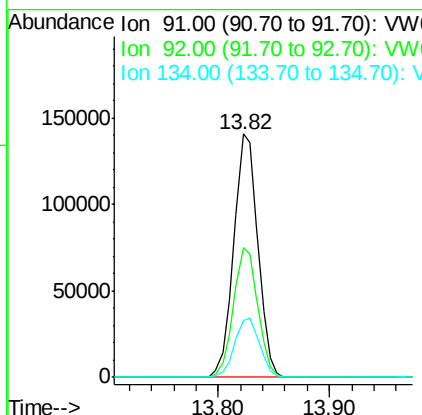
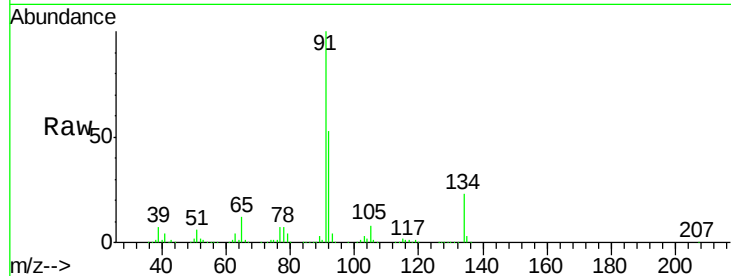
#89  
n-Butylbenzene  
Concen: 20.060 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 210527 |       |       |
| 92      | 53.7  | 27.3   | 81.9  |       |
| 134     | 25.1  | 13.1   | 39.1  |       |

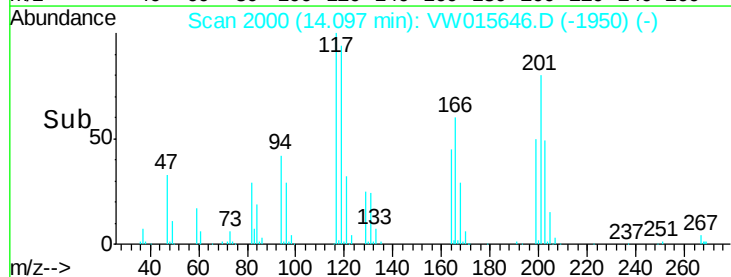
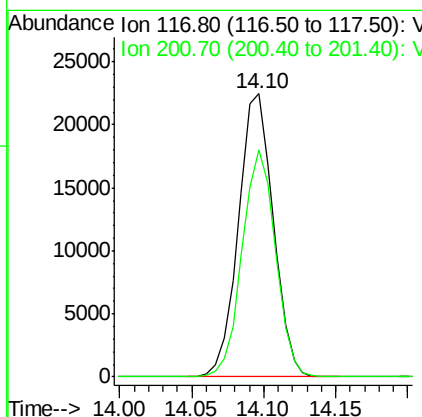
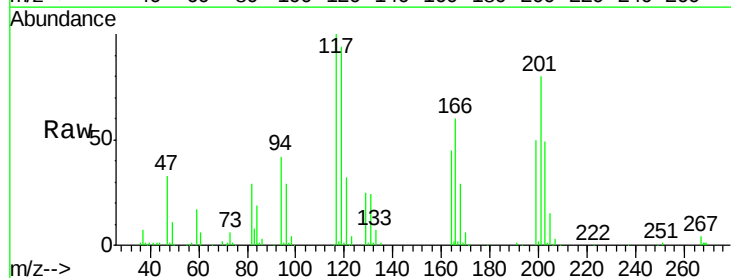
Manual Integrations  
APPROVED

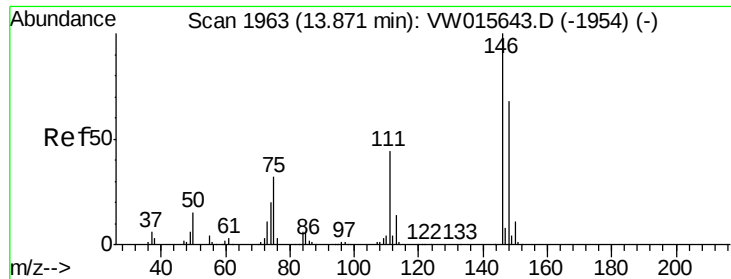
MMDadoda  
6/23/2020 11:00:55 AM



#90  
Hexachloroethane  
Concen: 18.765 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 37739 |       |       |
| 201     | 76.4  | 38.5  | 115.3 |       |





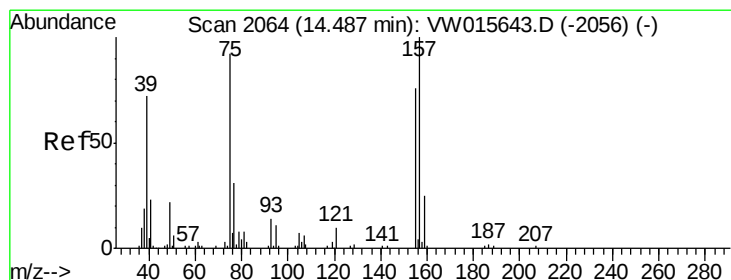
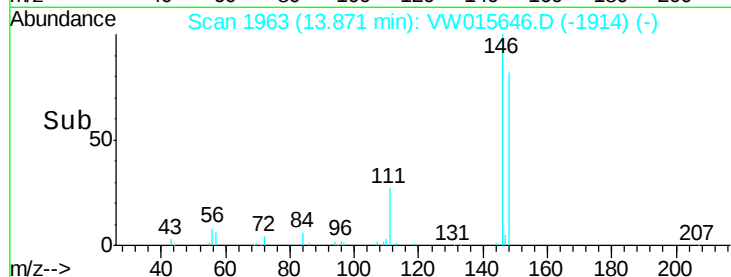
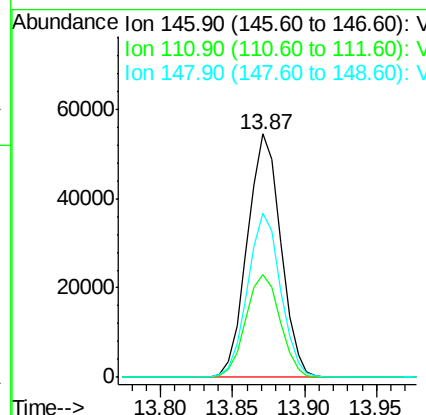
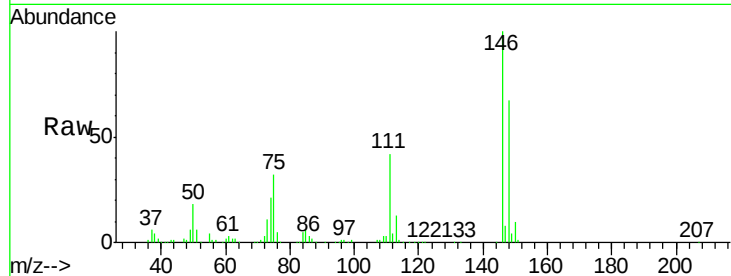
#91  
 1,2-Dichlorobenzene  
 Concen: 19.903 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.3  | 20.9  | 62.8  |
| 148     | 66.5  | 32.1  | 96.5  |

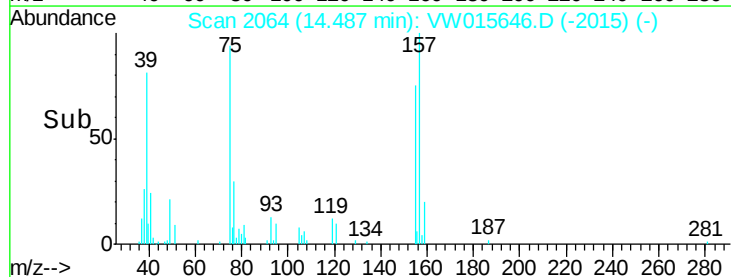
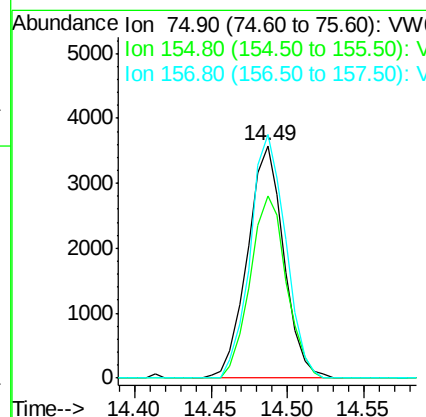
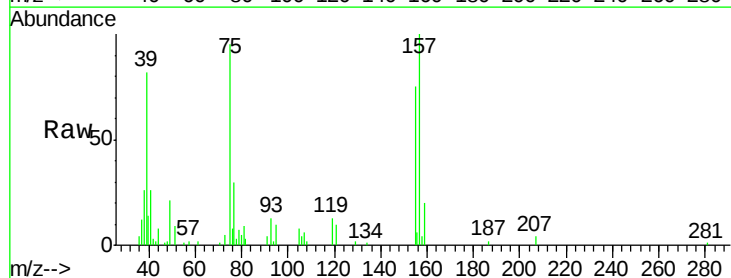
Manual Integrations  
 APPROVED

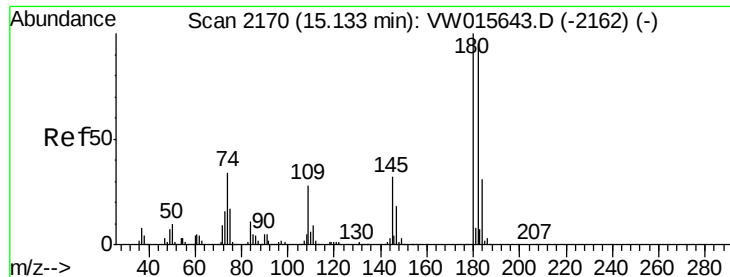
MMDadoda  
 6/23/2020 11:00:55 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.841 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 78.6  | 40.4  | 121.1 |
| 157     | 102.2 | 50.5  | 151.6 |





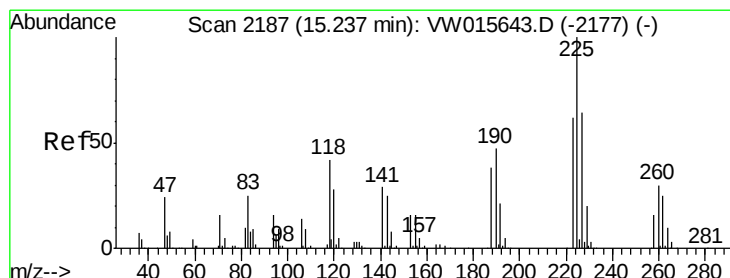
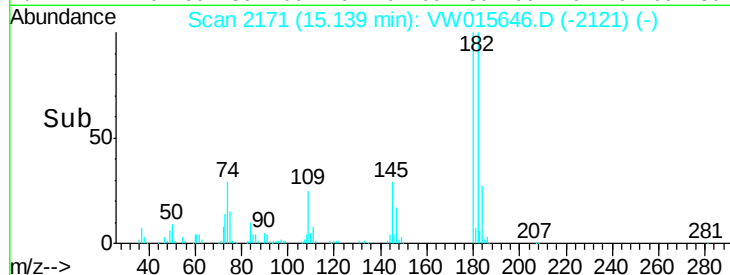
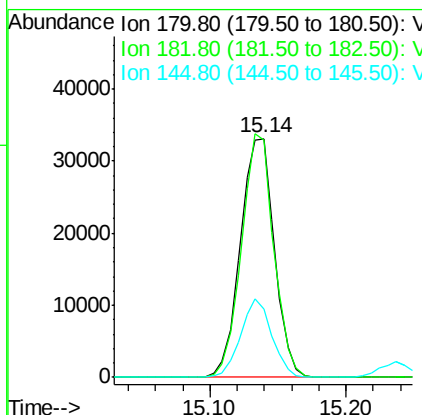
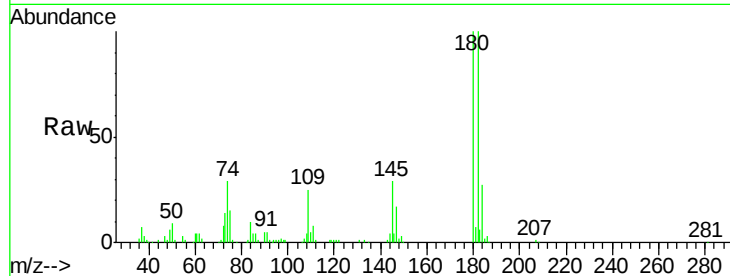
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.098 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.01 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 47.7  | 143.1 |
| 145     | 30.4  | 15.4  | 46.2  |

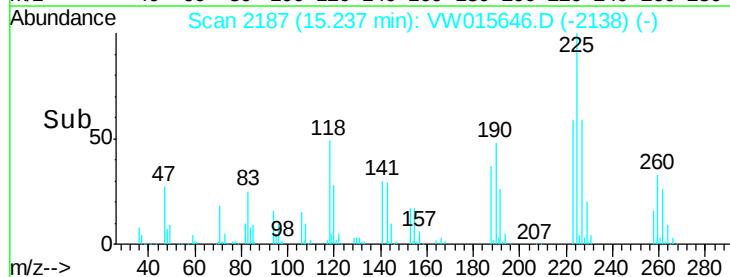
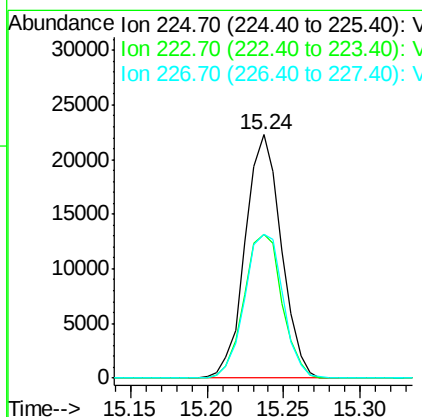
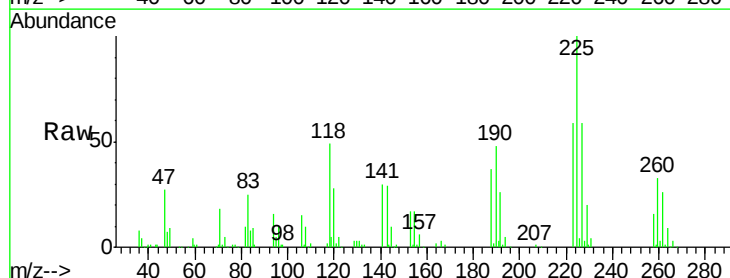
Manual Integrations  
 APPROVED

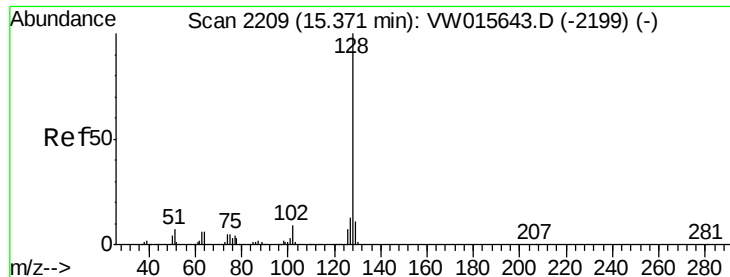
MMDadoda  
 6/23/2020 11:00:55 AM



#94  
 Hexachlorobutadiene  
 Concen: 19.883 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. 0.00 min  
 Lab File: VW015646.D  
 Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 31.8  | 95.4  |
| 227     | 62.9  | 32.6  | 97.8  |





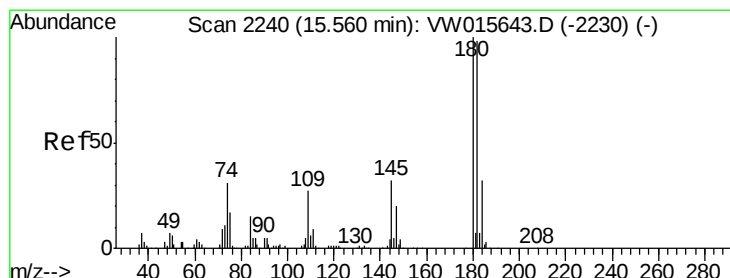
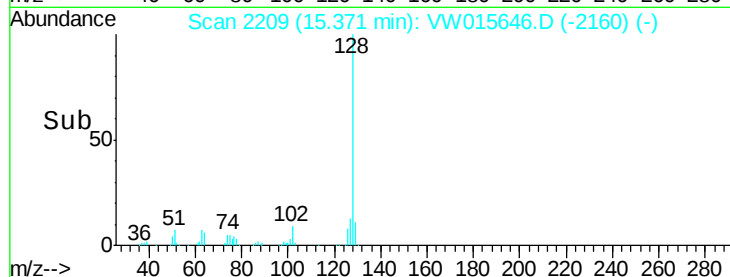
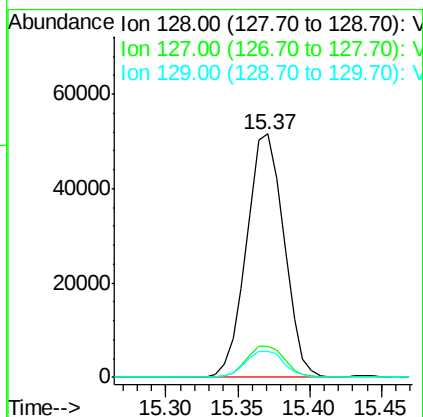
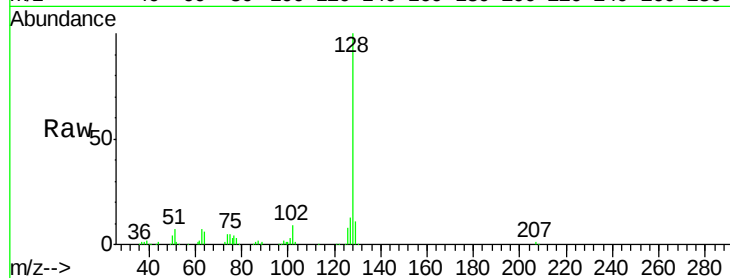
#95  
Naphthalene  
Concen: 18.199 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0622SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.3  | 15.5  |
| 129     | 11.0  | 8.6   | 13.0  |

Manual Integrations  
APPROVED

MMDadoda  
6/23/2020 11:00:55 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 18.954 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. -0.01 min  
Lab File: VW015646.D  
Acq: 22 Jun 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.2  | 47.1  | 141.4 |
| 145     | 32.5  | 16.3  | 48.8  |

