

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\  
 Data File : VY000255.D  
 Acq On : 10 Oct 2019 16:00  
 Operator : SY/MD  
 Sample : VY1010WBSD01  
 Misc : 5.0ml/MSVOA Y/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/14/2019 1:33:17 PM

Quant Time: Oct 11 07:09:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 10 02:22:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 270659   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 457018   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 412301   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 197807   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 170749   | 49.05 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.10% |          |
| 35) Dibromofluoromethane    | 7.73  | 113  | 137261   | 48.20 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.40% |          |
| 50) Toluene-d8              | 10.19 | 98   | 530462   | 47.42 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.84% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 189667   | 48.04 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.08% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85   | 50506    | 18.692 | ug/l   | 94     |
| 3) Chloromethane              | 2.12 | 50   | 68527    | 18.623 | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.25 | 62   | 72565    | 19.100 | ug/l   | 98     |
| 5) Bromomethane               | 2.64 | 94   | 51380    | 21.435 | ug/l   | 98     |
| 6) Chloroethane               | 2.79 | 64   | 45712    | 19.050 | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.13 | 101  | 93386    | 19.021 | ug/l   | 97     |
| 8) Diethyl Ether              | 3.54 | 74   | 40513    | 18.048 | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101  | 53062    | 18.512 | ug/l   | 98     |
| 10) Methyl Iodide             | 4.09 | 142  | 76282    | 16.770 | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.97 | 59   | 186183   | 98.448 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.87 | 96   | 56527    | 18.995 | ug/l   | 87     |
| 13) Acrolein                  | 3.74 | 56   | 79388    | 79.971 | ug/l   | 96     |
| 14) Allyl chloride            | 4.49 | 41   | 92512    | 18.450 | ug/l   | 98     |
| 15) Acrylonitrile             | 5.18 | 53   | 310742   | 93.081 | ug/l   | 99     |
| 16) Acetone                   | 3.96 | 43   | 273856   | 99.330 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.20 | 76   | 161406   | 18.403 | ug/l   | 99     |
| 18) Methyl Acetate            | 4.49 | 43   | 142813   | 18.902 | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.23 | 73   | 198810   | 18.262 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.72 | 84   | 65386    | 18.053 | ug/l # | 94     |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96   | 62275    | 18.603 | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.13 | 45   | 211292   | 18.188 | ug/l   | 99     |
| 23) Vinyl Acetate             | 6.07 | 43   | 977267   | 86.583 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.03 | 63   | 110251   | 18.606 | ug/l   | 98     |
| 25) 2-Butanone                | 7.00 | 43   | 498115   | 97.661 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.99 | 77   | 94655    | 17.696 | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96   | 73178    | 18.558 | ug/l   | 98     |
| 28) Bromochloromethane        | 7.35 | 49   | 42430    | 21.754 | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.36 | 42   | 338395   | 93.943 | ug/l   | 99     |
| 30) Chloroform                | 7.52 | 83   | 114627   | 18.639 | ug/l   | 93     |
| 31) Cyclohexane               | 7.79 | 56   | 104326   | 17.431 | ug/l # | 94     |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97   | 100277   | 19.180 | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.93 | 75   | 87437    | 18.803 | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.08 | 43   | 152794   | 18.176 | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117  | 88029    | 19.423 | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\  
 Data File : VY000255.D  
 Acq On : 10 Oct 2019 16:00  
 Operator : SY/MD  
 Sample : VY1010WBSD01  
 Misc : 5.0ml/MSVOA Y/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/14/2019 1:33:17 PM

Quant Time: Oct 11 07:09:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 10 02:22:40 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 103177   | 17.687  | ug/l  | 98       |
| 40) Benzene                    | 8.17  | 78   | 266928   | 18.923  | ug/l  | 99       |
| 41) Methacrylonitrile          | 7.35  | 41   | 117659m  | 17.782  | ug/l  |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 89053    | 19.436  | ug/l  | 97       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 204920   | 18.938  | ug/l  | 99       |
| 44) Trichloroethene            | 8.95  | 130  | 72844    | 19.043  | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 68064    | 19.264  | ug/l  | 94       |
| 46) Dibromomethane             | 9.32  | 93   | 46101    | 18.612  | ug/l  | 98       |
| 47) Bromodichloromethane       | 9.50  | 83   | 90632    | 18.706  | ug/l  | 92       |
| 48) Methyl methacrylate        | 9.30  | 41   | 92047    | 18.847  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 48243    | 384.791 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 787074   | 96.787  | ug/l  | 99       |
| 52) Toluene                    | 10.25 | 92   | 167823   | 18.549  | ug/l  | 97       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 102757   | 18.694  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 110863   | 18.639  | ug/l  | 95       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 65750    | 18.430  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 116598   | 18.564  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 113892   | 18.698  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.79  | 63   | 317673   | 113.473 | ug/l  | 100      |
| 59) 2-Hexanone                 | 10.84 | 43   | 686957   | 90.935  | ug/l  | 98       |
| 60) Dibromochloromethane       | 10.99 | 129  | 71075    | 18.843  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 72076    | 19.020  | ug/l  | 98       |
| 64) Tetrachloroethene          | 10.72 | 164  | 74759    | 19.837  | ug/l  | 95       |
| 65) Chlorobenzene              | 11.52 | 112  | 178337   | 18.665  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 66707    | 19.529  | ug/l  | 96       |
| 67) Ethyl Benzene              | 11.60 | 91   | 317430   | 18.585  | ug/l  | 100      |
| 68) m/p-Xylenes                | 11.70 | 106  | 244597   | 37.532  | ug/l  | 98       |
| 69) o-Xylene                   | 12.03 | 106  | 117446   | 18.706  | ug/l  | 99       |
| 70) Styrene                    | 12.05 | 104  | 200313   | 18.522  | ug/l  | 99       |
| 71) Bromoform                  | 12.21 | 173  | 52602    | 18.663  | ug/l  | 100      |
| 73) Isopropylbenzene           | 12.33 | 105  | 312131   | 18.622  | ug/l  | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 153224   | 17.395  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 104931   | 18.343  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 99713m   | 19.093  | ug/l  |          |
| 77) Bromobenzene               | 12.61 | 156  | 72606    | 18.472  | ug/l  | 96       |
| 78) n-propylbenzene            | 12.67 | 91   | 360795   | 18.428  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 209886   | 18.620  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 262115   | 18.741  | ug/l  | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 42335    | 16.297  | ug/l  | 88       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 214312   | 18.771  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 226705   | 18.649  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 257038   | 18.394  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 13.25 | 105  | 309358   | 18.463  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 276438   | 18.761  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 137042   | 19.237  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 137297   | 18.503  | ug/l  | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 249643   | 17.977  | ug/l  | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 52267    | 18.752  | ug/l  | 97       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 136125   | 18.879  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 34284    | 17.702  | ug/l  | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\  
Data File : VY000255.D  
Acq On : 10 Oct 2019 16:00  
Operator : SY/MD  
Sample : VY1010WBSD01  
Misc : 5.0ml/MSVOA Y/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

Manual Integrations  
APPROVED

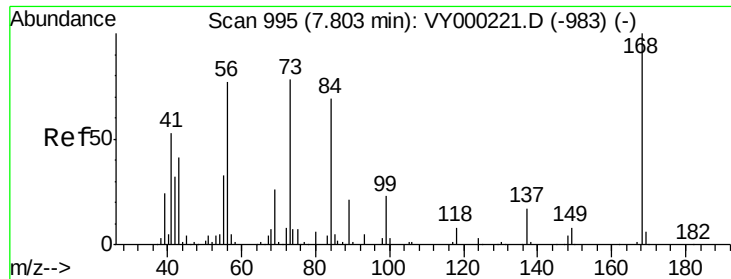
MMDadoda  
10/14/2019 1:33:17 PM

Quant Time: Oct 11 07:09:39 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y100819W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 10 02:22:40 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 89719    | 18.326 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 41814    | 17.873 | ug/l  | 96       |
| 95) Naphthalene            | 15.23 | 128  | 341461   | 18.541 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 89619    | 19.031 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion:168 Resp: 270659

Ion Ratio Lower Upper

168 100

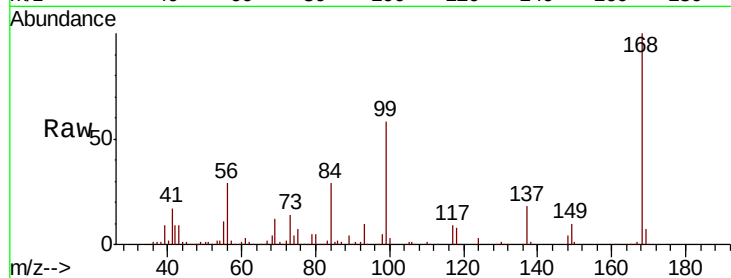
99 57.9 45.0 67.6

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:33:17 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

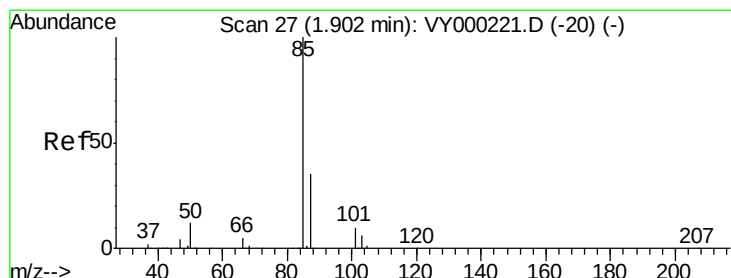
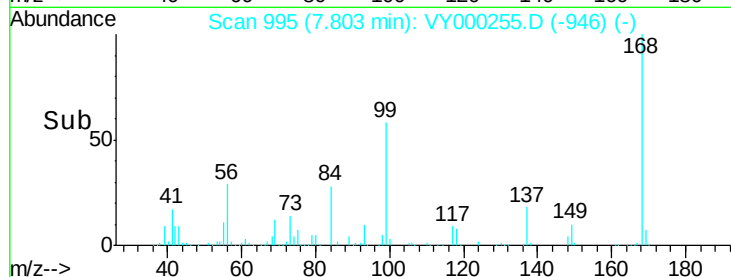
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.692 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000255.D

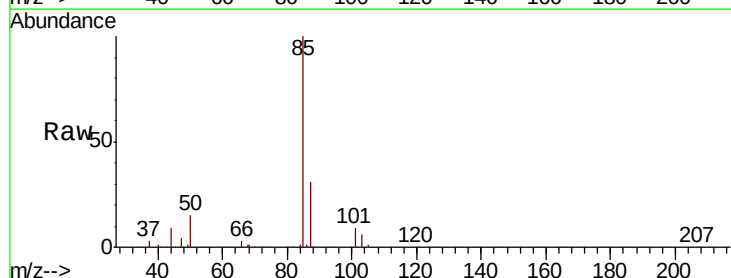
Acq: 10 Oct 2019 16:00

Tgt Ion: 85 Resp: 50506

Ion Ratio Lower Upper

85 100

87 31.5 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

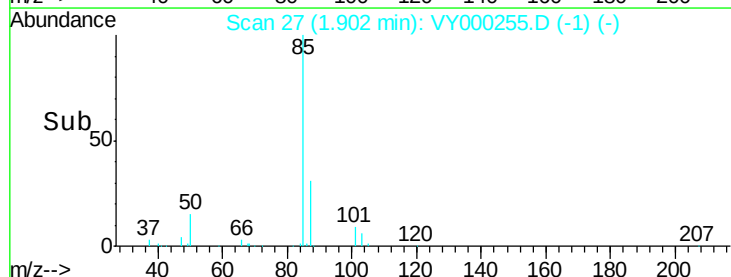
30000

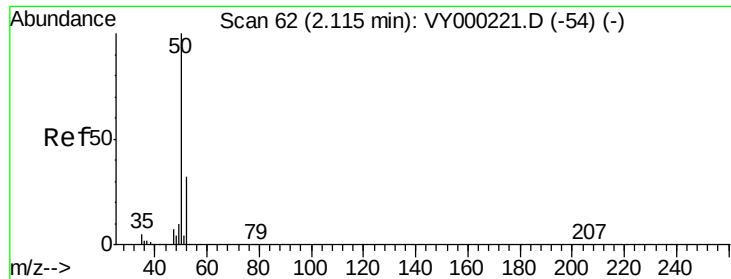
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.623 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 50 Resp: 68527

Ion Ratio Lower Upper

50 100

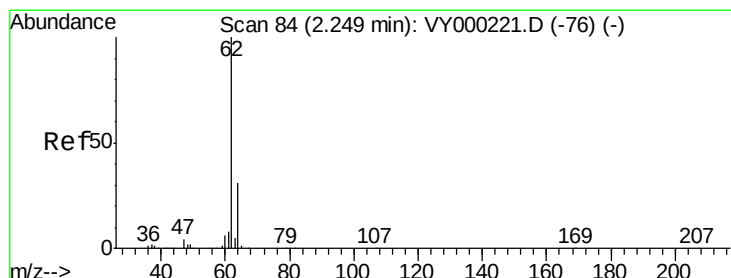
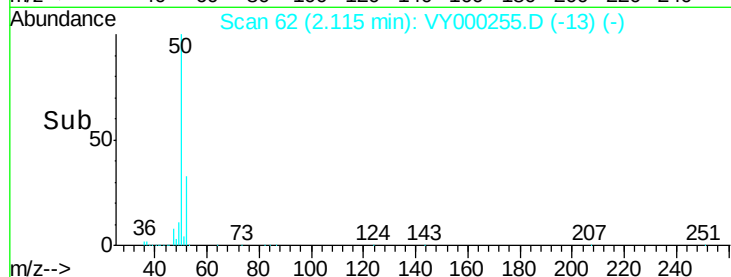
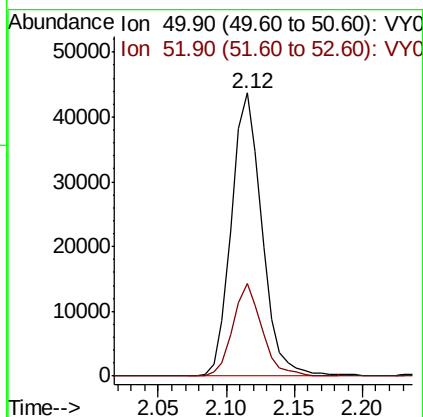
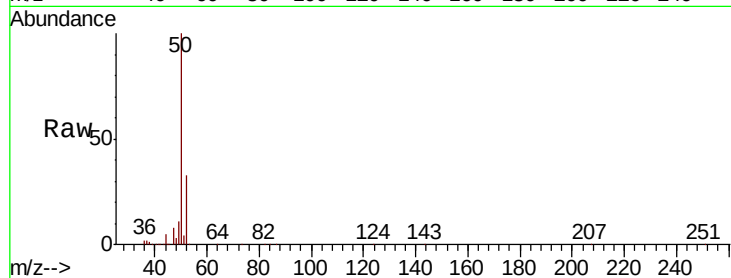
52 32.6 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:33:17 PM



#4

Vinyl Chloride

Concen: 19.100 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000255.D

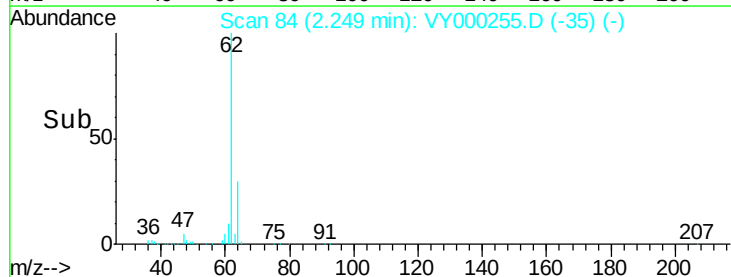
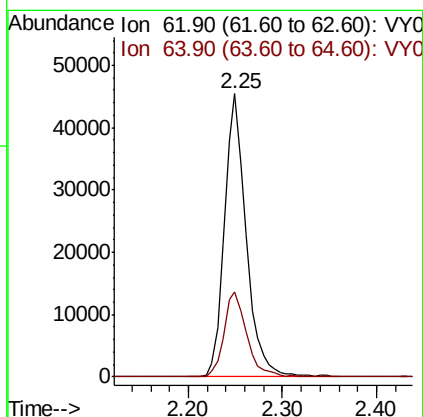
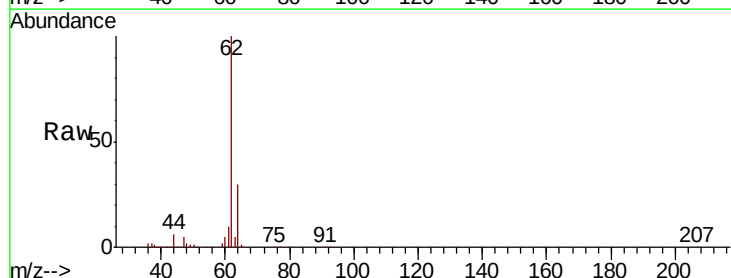
Acq: 10 Oct 2019 16:00

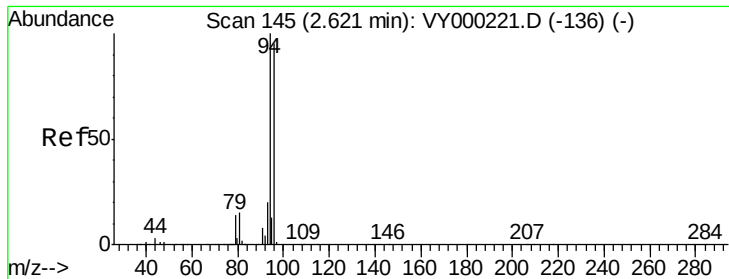
Tgt Ion: 62 Resp: 72565

Ion Ratio Lower Upper

62 100

64 30.0 25.0 37.6





#5

Bromomethane

Concen: 21.435 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.02 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 94 Resp: 51380

Ion Ratio Lower Upper

94 100

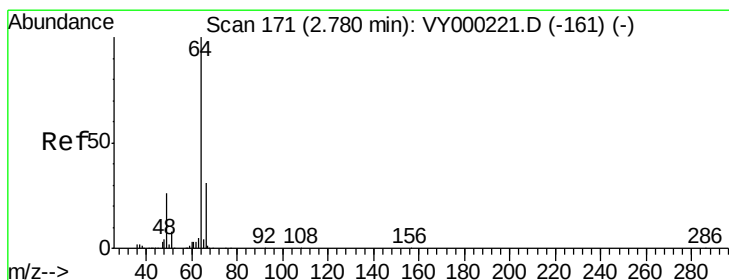
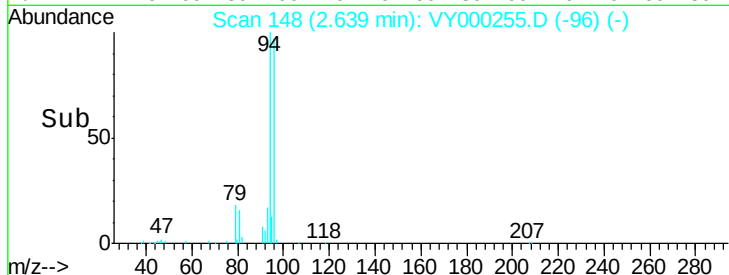
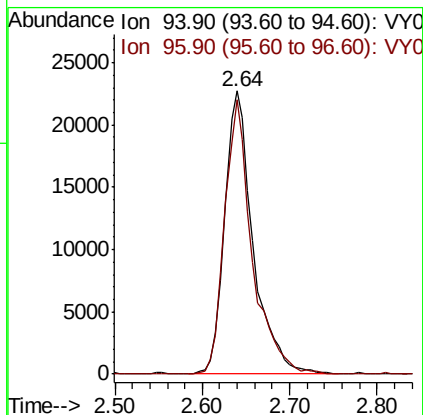
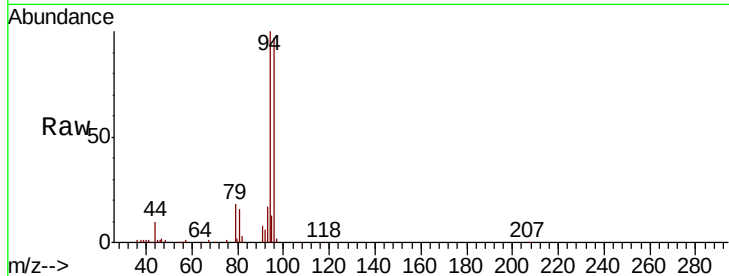
96 96.9 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:33:17 PM



#6

Chloroethane

Concen: 19.050 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000255.D

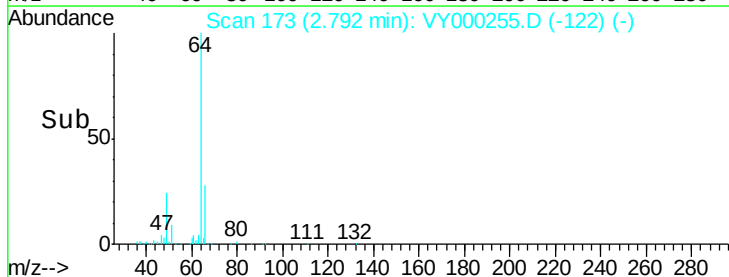
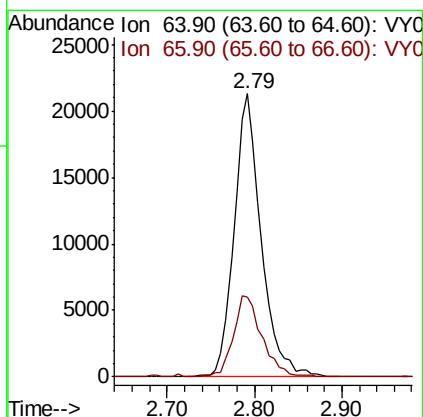
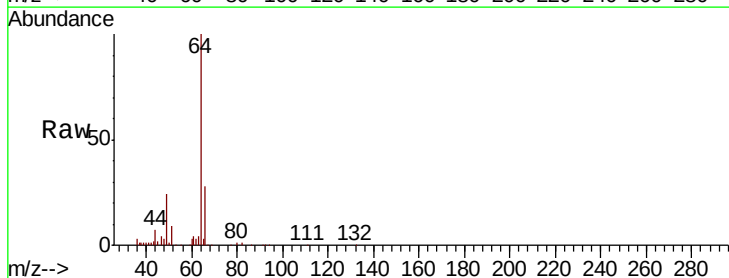
Acq: 10 Oct 2019 16:00

Tgt Ion: 64 Resp: 45712

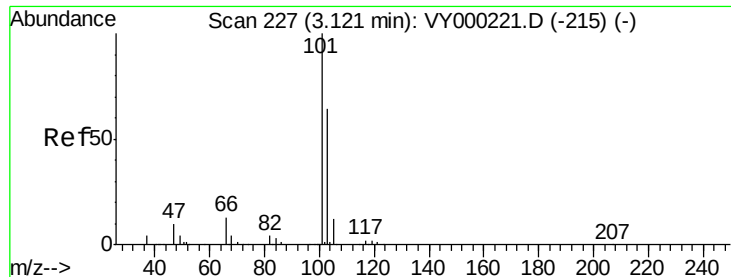
Ion Ratio Lower Upper

64 100

66 28.2 24.5 36.7







#7

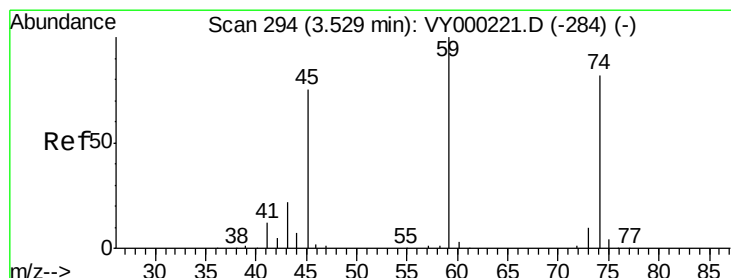
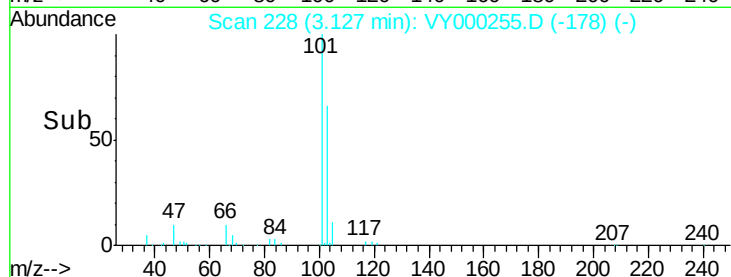
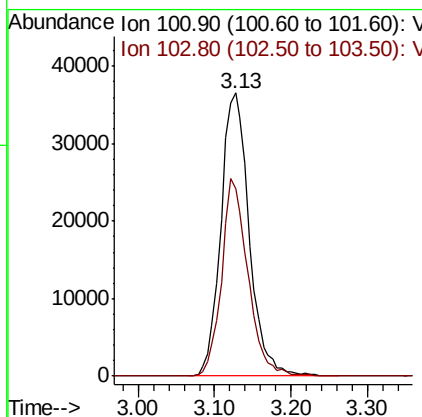
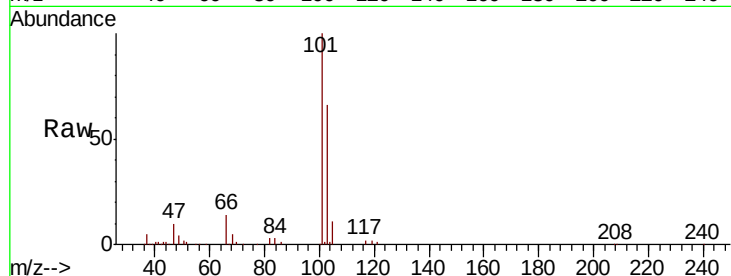
Trichlorofluoromethane  
 Concen: 19.021 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. 0.01 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.2  | 51.0  | 76.6  |

Manual Integrations  
 APPROVED

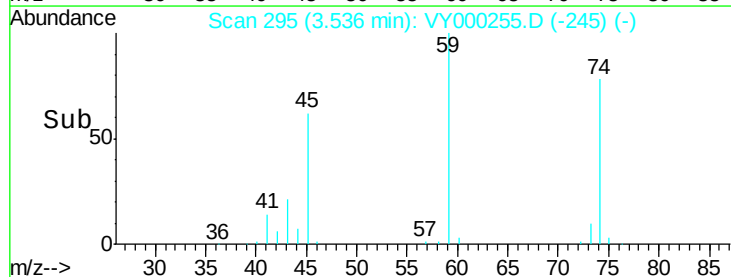
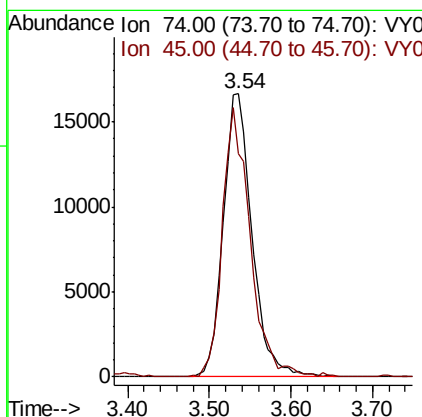
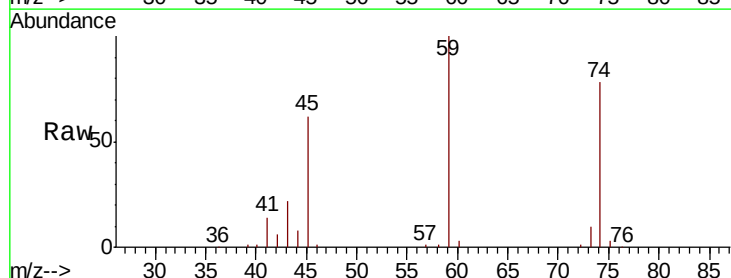
MMDadoda  
 10/14/2019 1:33:17 PM



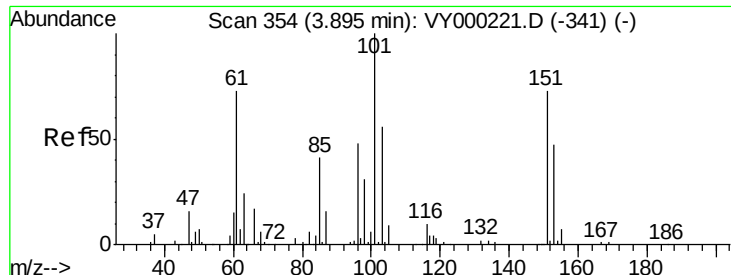
#8

Diethyl Ether  
 Concen: 18.048 ug/l  
 RT: 3.54 min Scan# 295  
 Delta R.T. 0.01 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 91.8  | 45.8  | 137.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.512 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

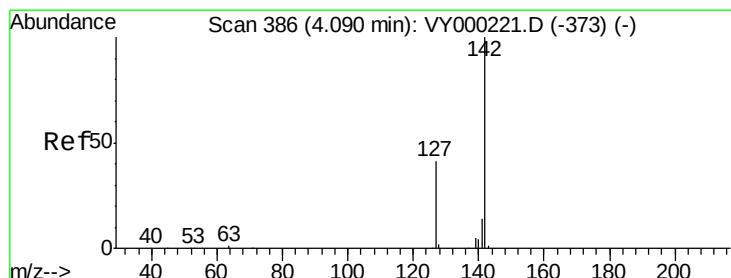
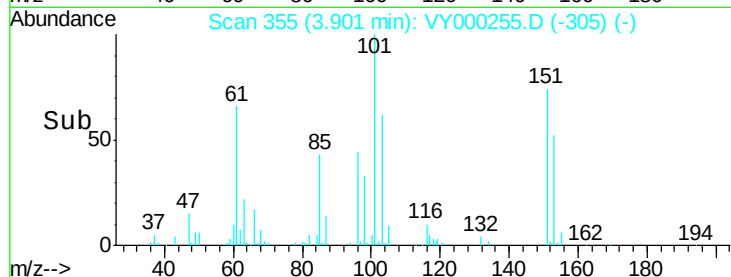
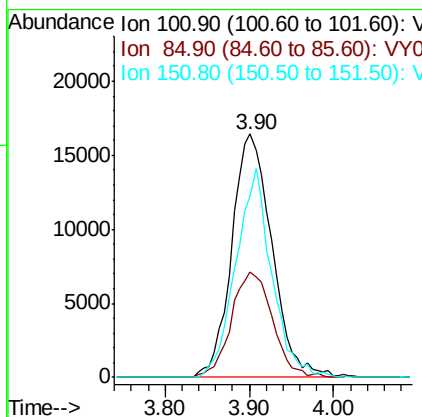
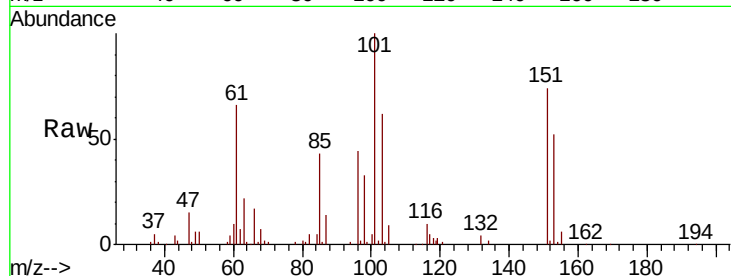
ClientSampleId :

VY1010WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 53062 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.4  | 37.0  | 55.6  |
| 151       | 76.8  | 63.0  | 94.4  |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#10

Methyl Iodide

Concen: 16.770 ug/l

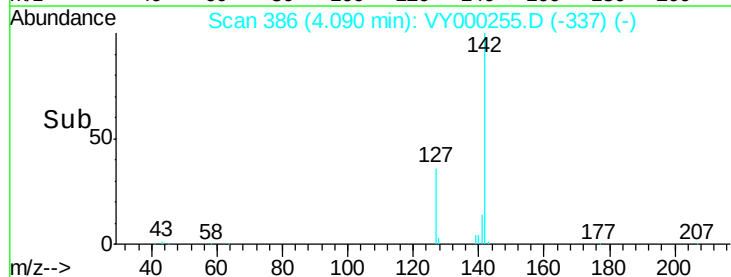
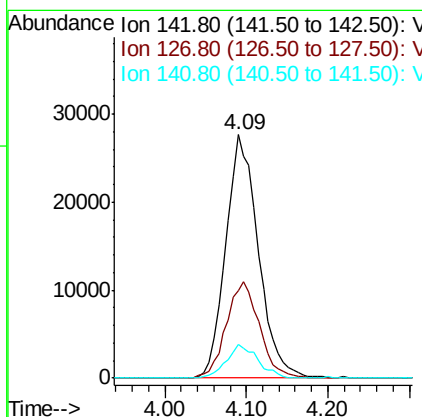
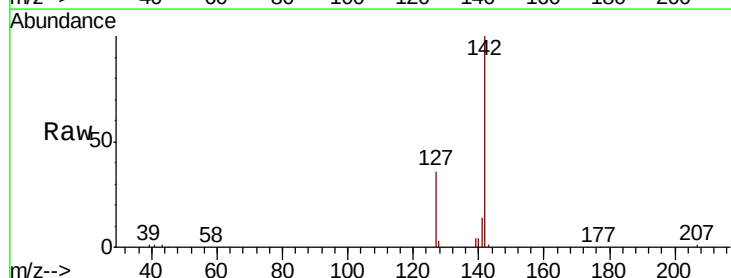
RT: 4.09 min Scan# 386

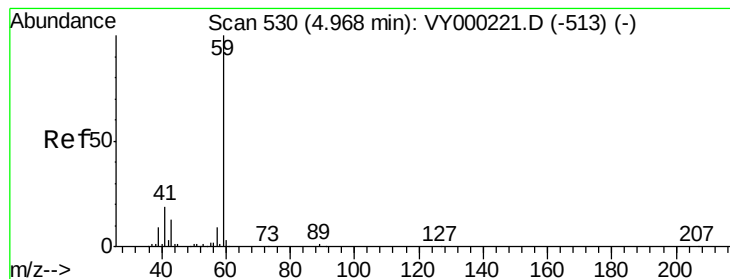
Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 76282 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 40.1  | 33.0  | 49.6  |
| 141       | 13.2  | 11.0  | 16.4  |





#11

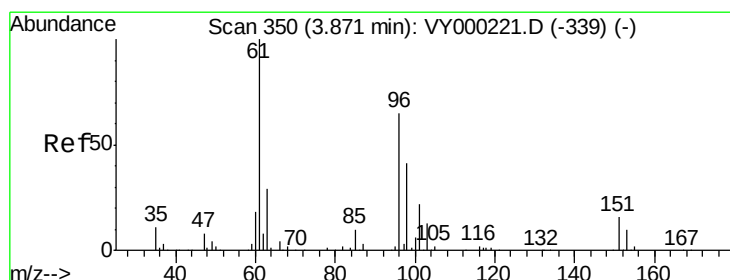
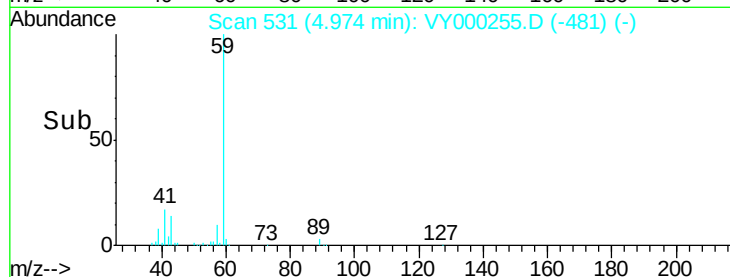
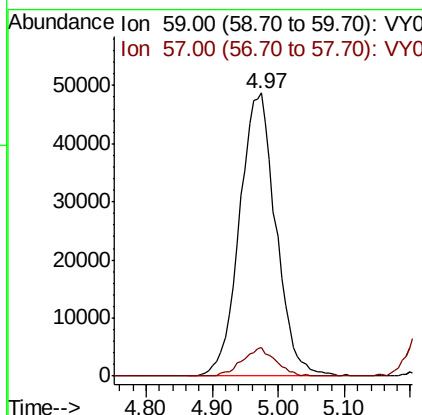
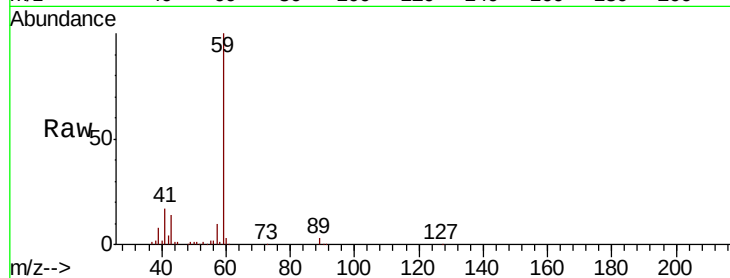
Tert butyl alcohol  
Concen: 98.448 ug/l  
RT: 4.97 min Scan# 531  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 59      | 59  | 100   | 186183 |       |       |
| 57      | 57  | 9.4   |        | 8.0   | 12.0  |

Manual Integrations  
APPROVED

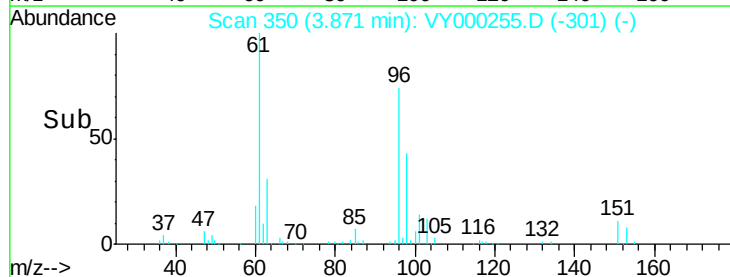
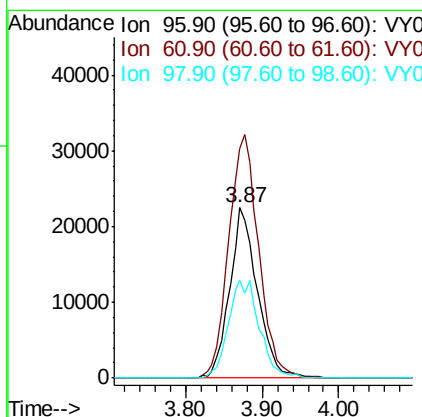
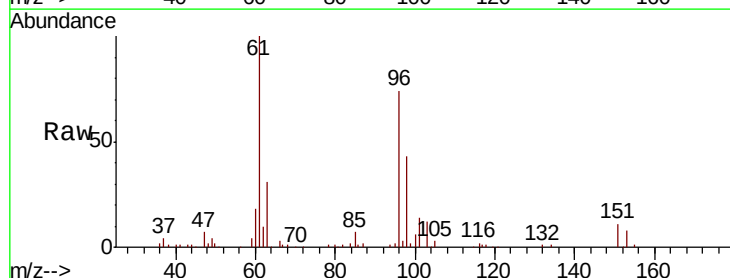
MMDadoda  
10/14/2019 1:33:17 PM

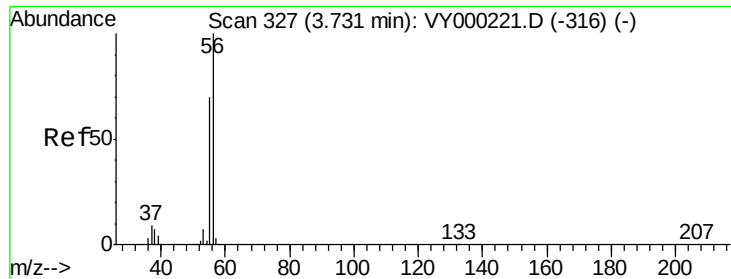


#12

1,1-Dichloroethene  
Concen: 18.995 ug/l  
RT: 3.87 min Scan# 350  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 96      | 96  | 100   | 56527 |       |       |
| 61      | 61  | 134.8 |       | 123.8 | 185.8 |
| 98      | 98  | 57.6  |       | 50.9  | 76.3  |





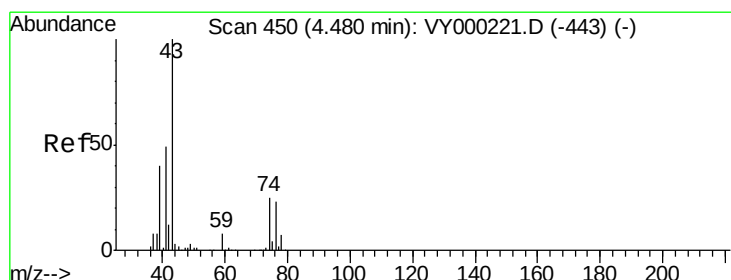
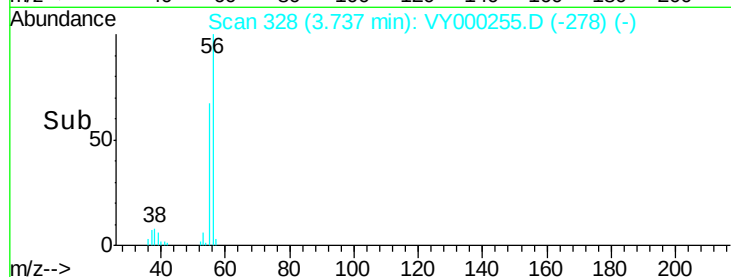
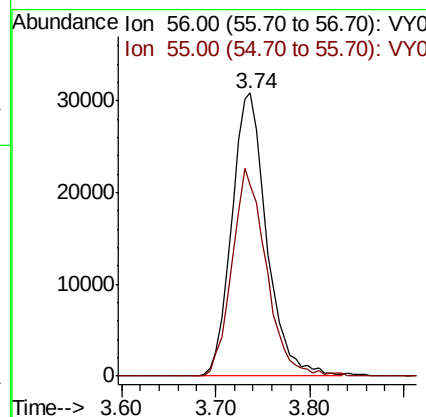
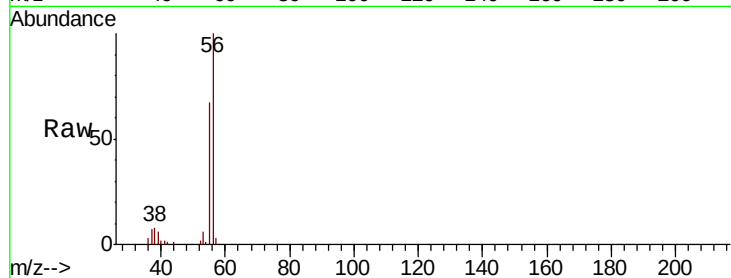
#13  
Acrolein  
Concen: 79.971 ug/l  
RT: 3.74 min Scan# 328  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion   | 56   | Resp  | 79388 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 56        | 100  |       |       |
| 55        | 71.9 | 55.2  | 82.8  |

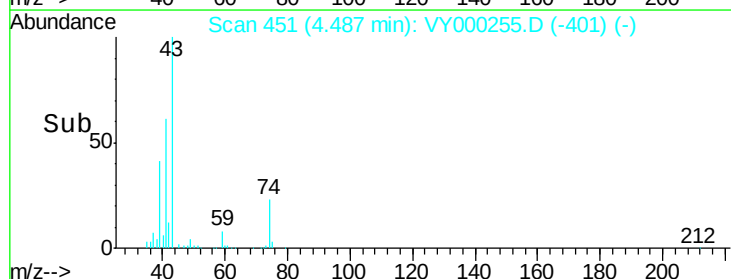
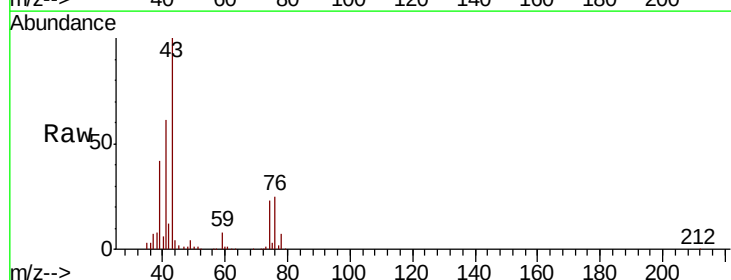
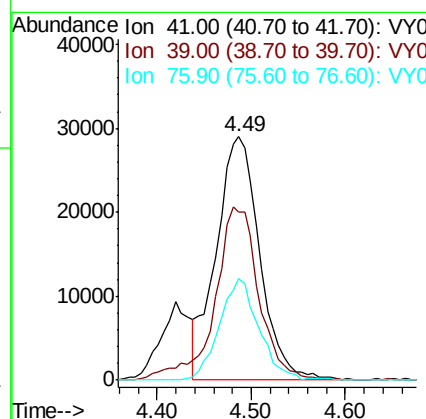
Manual Integrations  
APPROVED

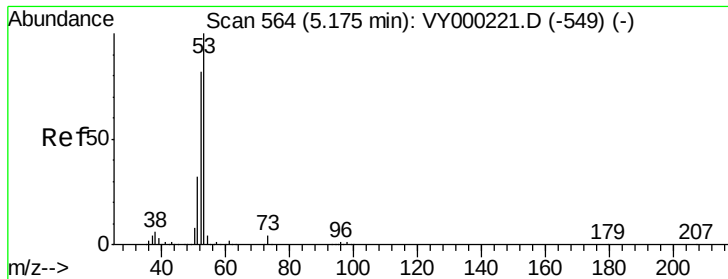
MMDadoda  
10/14/2019 1:33:17 PM



#14  
Allyl chloride  
Concen: 18.450 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion   | 41   | Resp  | 92512 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 39        | 72.4 | 56.4  | 84.6  |
| 76        | 37.7 | 30.8  | 46.2  |





#15

Acrylonitrile

Concen: 93.081 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

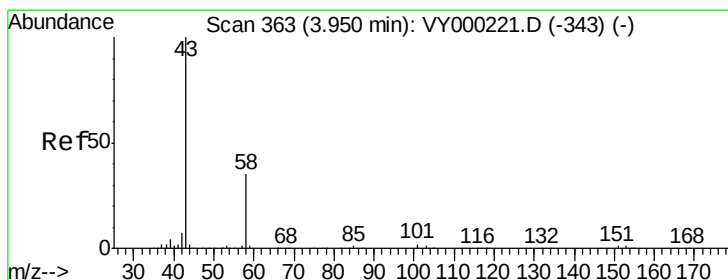
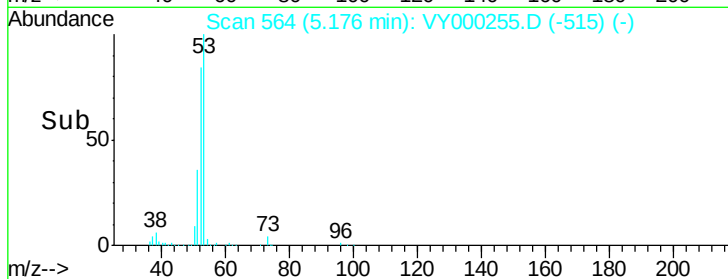
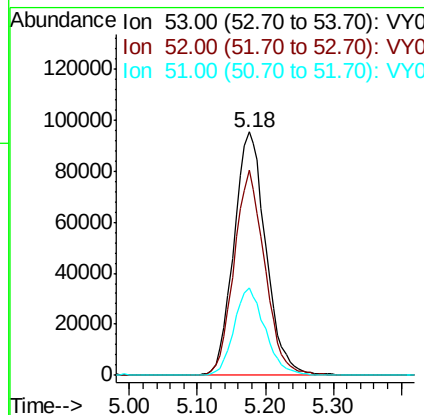
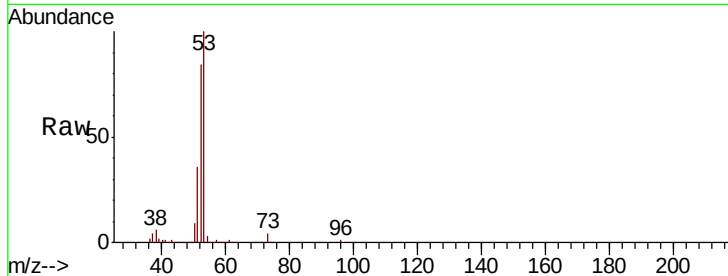
ClientSampleId :

VY1010WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 310742 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.1  | 65.4  | 98.2   |
| 51       | 35.1  | 27.2  | 40.8   |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#16

Acetone

Concen: 99.330 ug/l

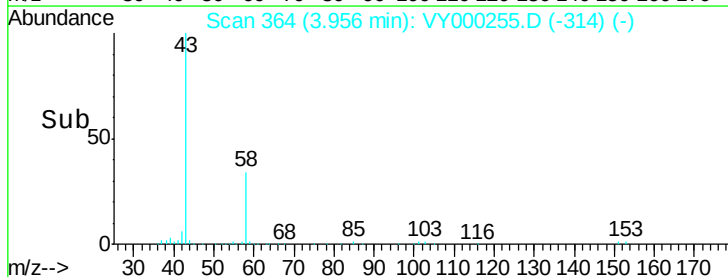
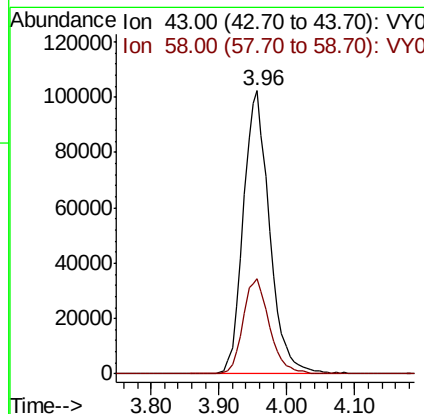
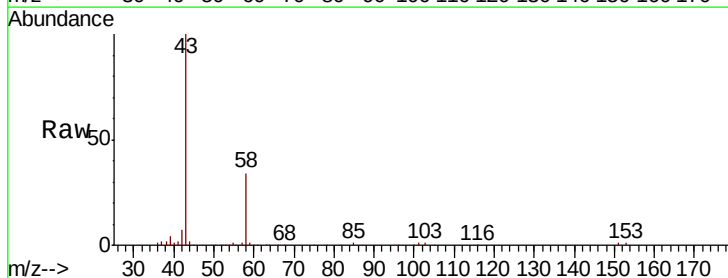
RT: 3.96 min Scan# 364

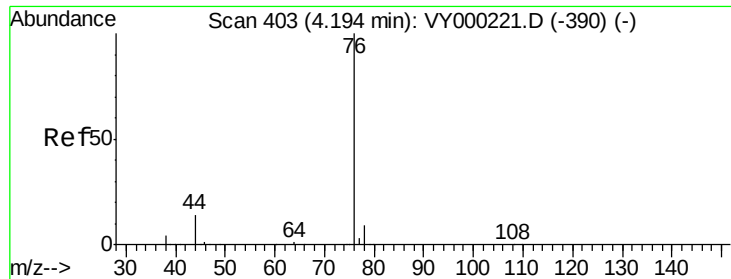
Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 273856 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 33.5  | 28.2  | 42.4   |





#17

Carbon Disulfide

Concen: 18.403 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 76 Resp: 161406

Ion Ratio Lower Upper

76 100

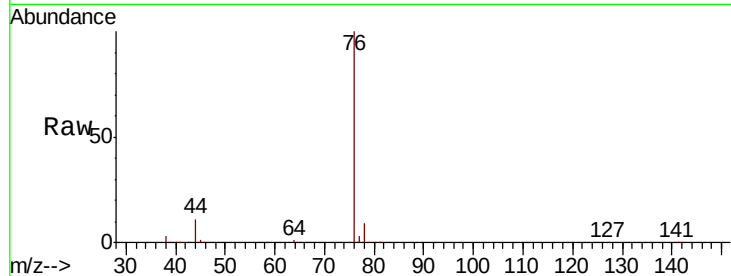
78 8.5 7.0 10.6

Manual Integrations

APPROVED

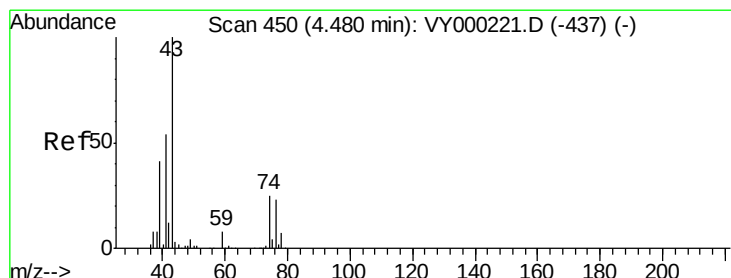
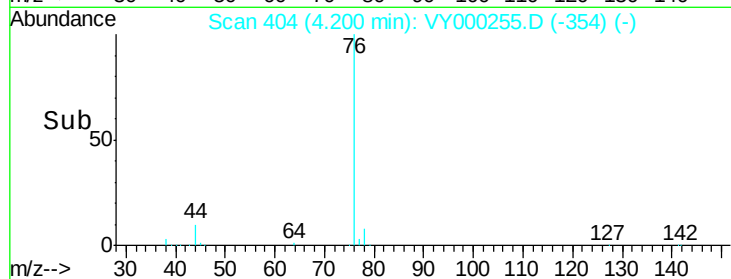
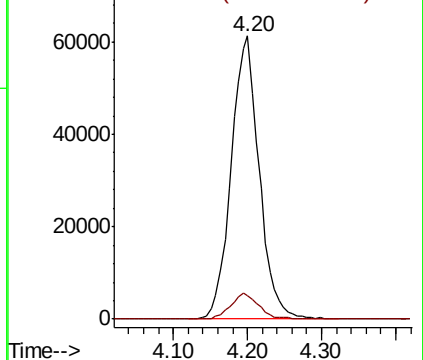
MMDadoda

10/14/2019 1:33:17 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.902 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000255.D

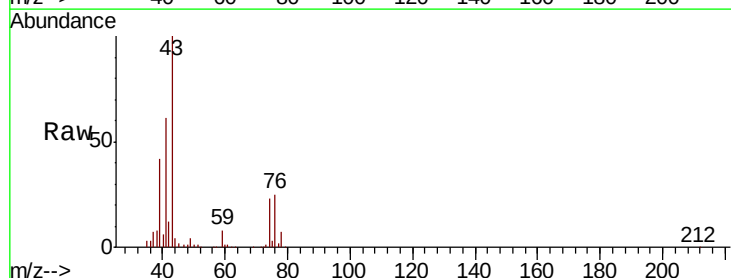
Acq: 10 Oct 2019 16:00

Tgt Ion: 43 Resp: 142813

Ion Ratio Lower Upper

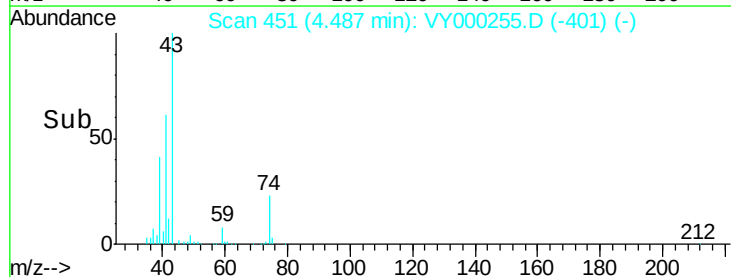
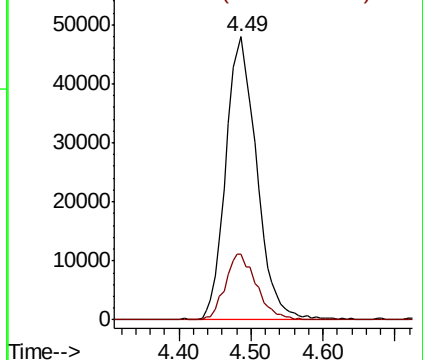
43 100

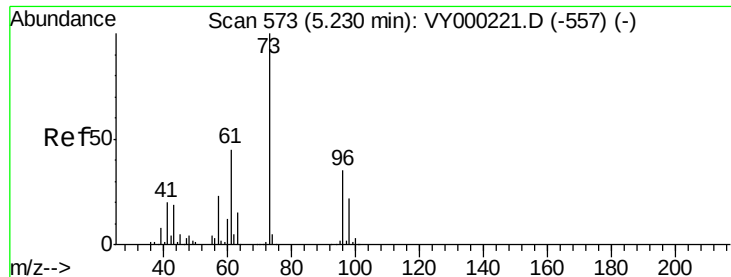
74 23.7 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

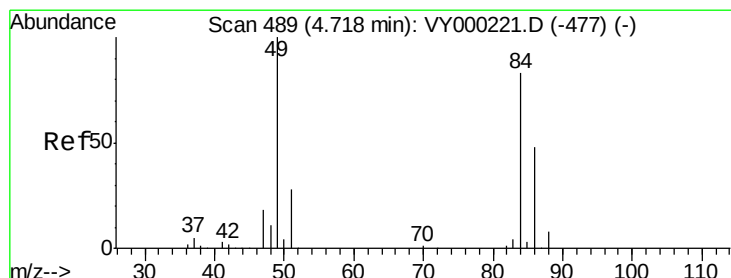
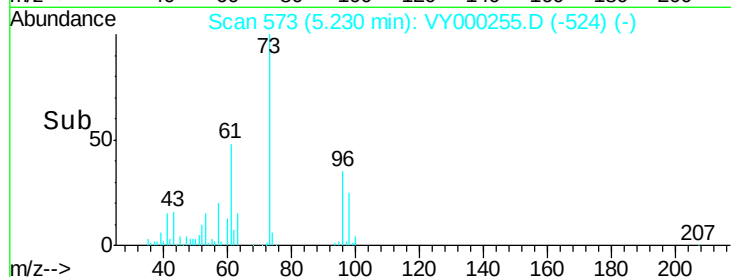
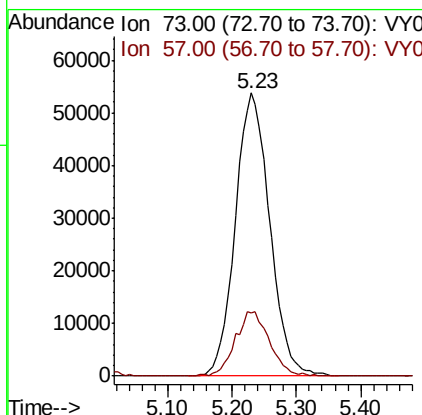
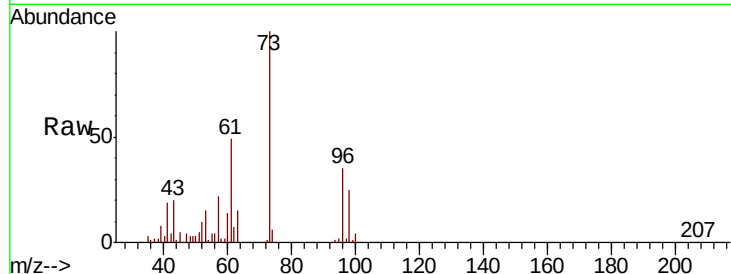
Methyl tert-butyl Ether  
 Concen: 18.262 ug/l  
 RT: 5.23 min Scan# 573  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

| Tot Ion   | 73   | Resp  | 198810 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 22.4 | 18.4  | 27.6   |

Manual Integrations  
 APPROVED

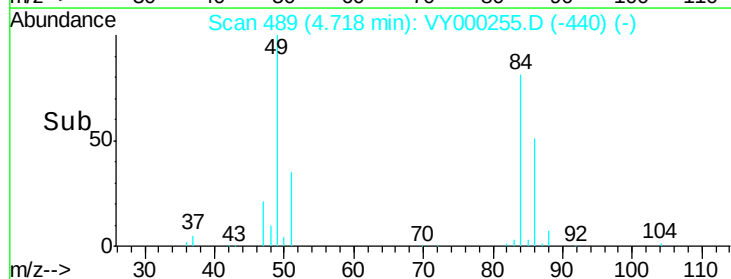
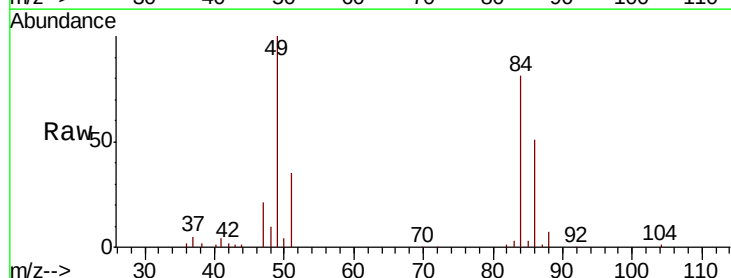
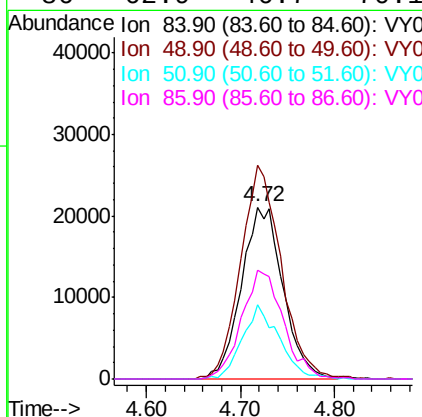
MMDadoda  
 10/14/2019 1:33:17 PM

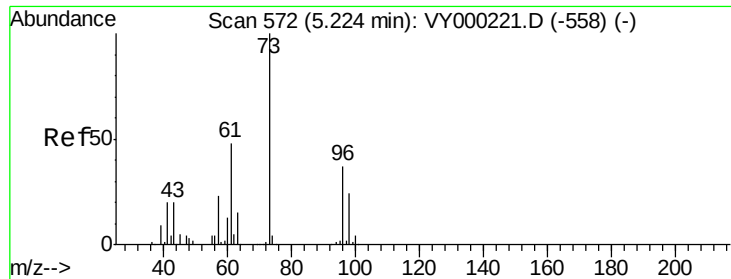


#20

Methylene Chloride  
 Concen: 18.053 ug/l  
 RT: 4.72 min Scan# 489  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

| Tgt Ion   | 84    | Resp  | 65386 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 49        | 124.1 | 96.2  | 144.2 |
| 51        | 43.1  | 26.6  | 39.8  |
| 86        | 62.9  | 46.7  | 70.1  |





#21

trans-1,2-Dichloroethene

Concen: 18.603 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 96 Resp: 62275

Ion Ratio Lower Upper

96 100

61 127.0 104.2 156.2

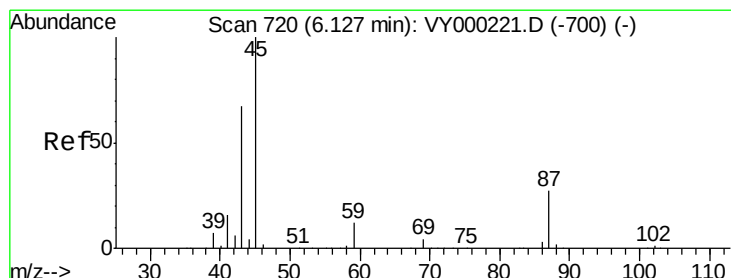
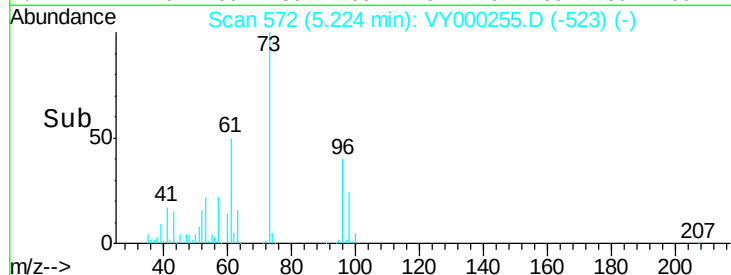
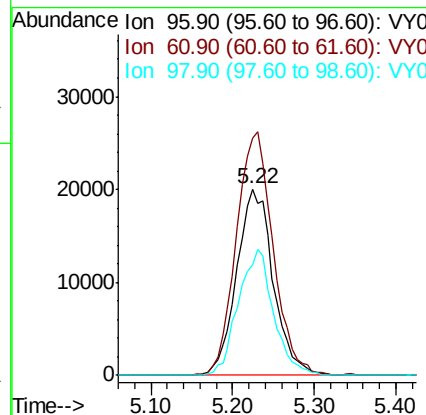
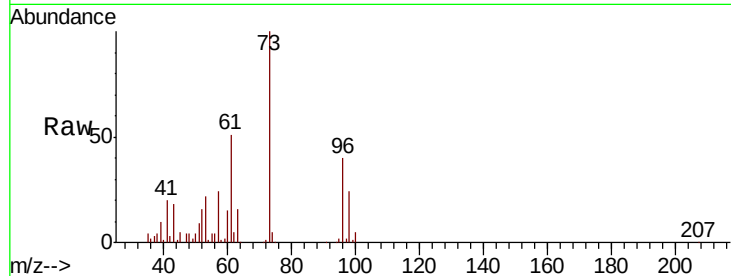
98 59.4 51.0 76.6

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:33:17 PM



#22

Diisopropyl ether

Concen: 18.188 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Tgt Ion: 45 Resp: 211292

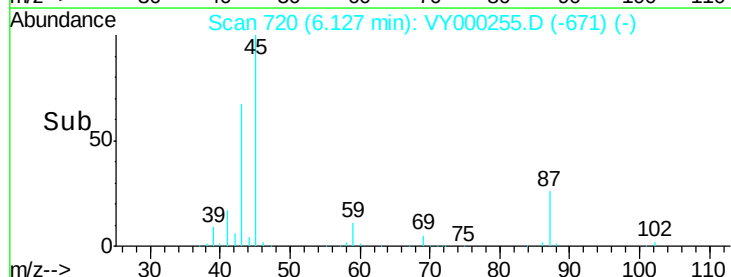
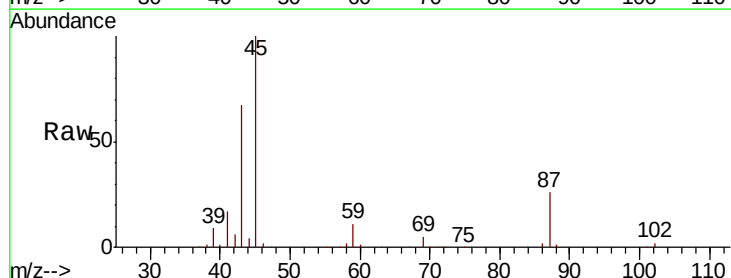
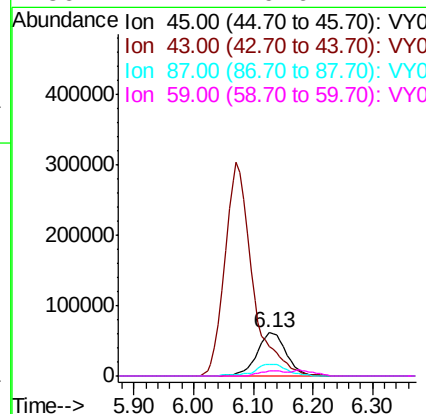
Ion Ratio Lower Upper

45 100

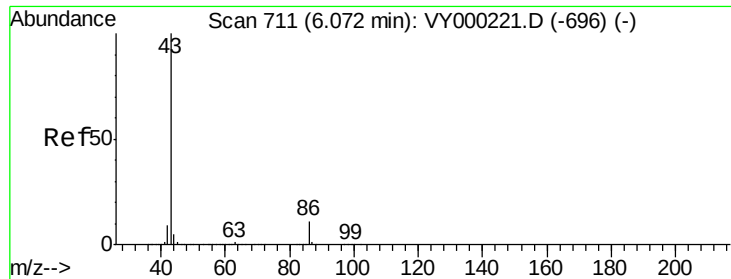
43 67.1 53.4 80.2

87 26.2 21.7 32.5

59 11.2 9.6 14.4







#23

Vinyl Acetate

Concen: 86.583 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 43 Resp: 977267

Ion Ratio Lower Upper

43 100

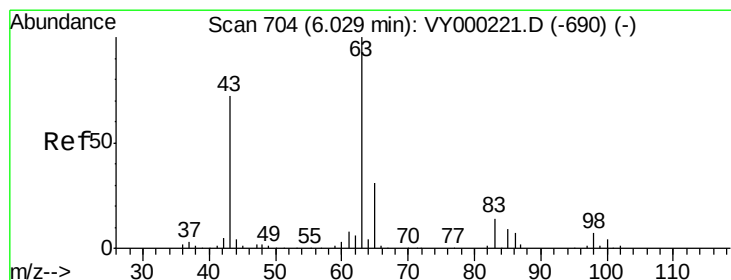
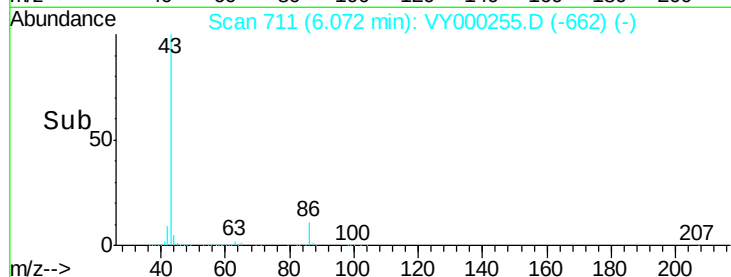
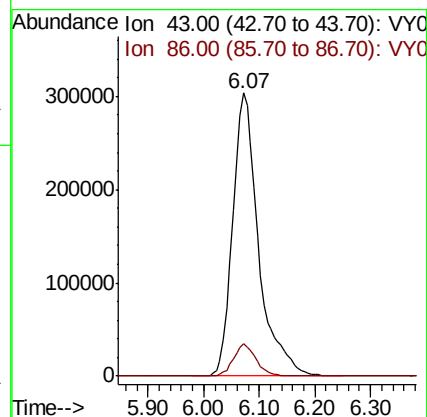
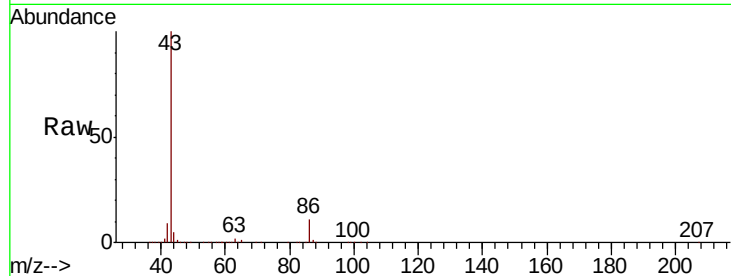
86 11.5 8.5 12.7

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:33:17 PM



#24

1,1-Dichloroethane

Concen: 18.606 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

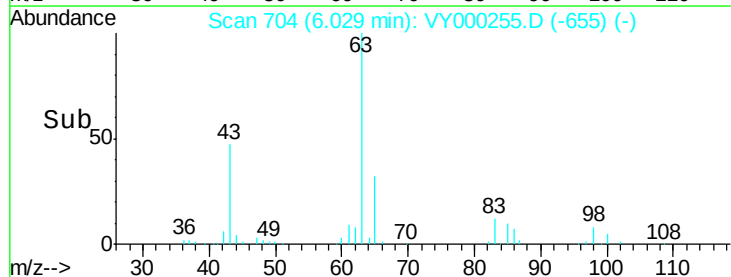
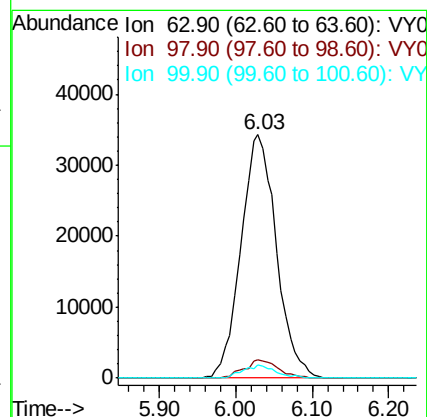
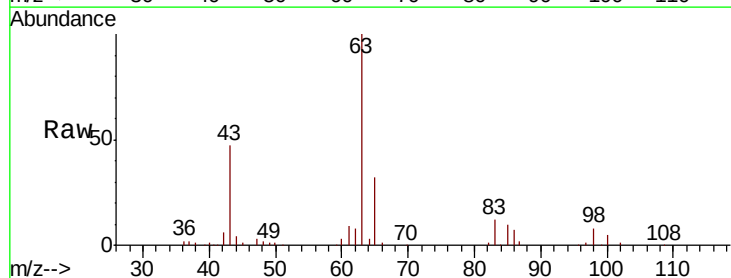
Tgt Ion: 63 Resp: 110251

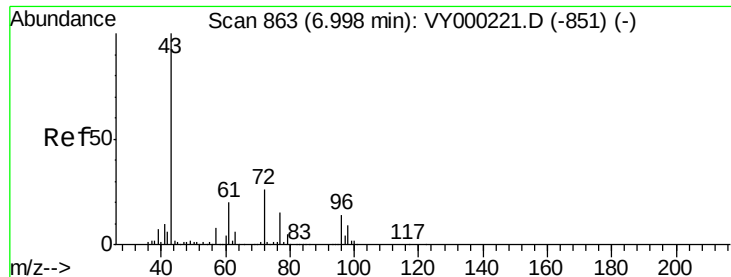
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.6

100 5.3 2.1 6.5





#25

2-Butanone

Concen: 97.661 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 43 Resp: 498115

Ion Ratio Lower Upper

43 100

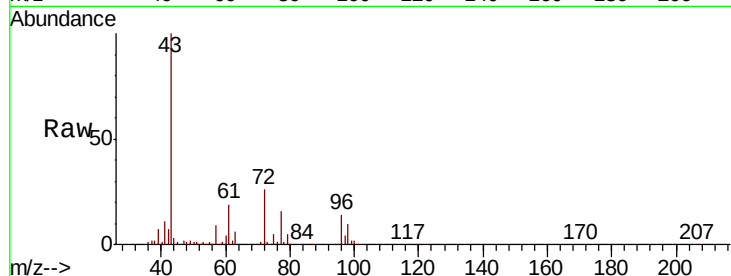
72 26.1 20.6 31.0

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:33:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

200000

150000

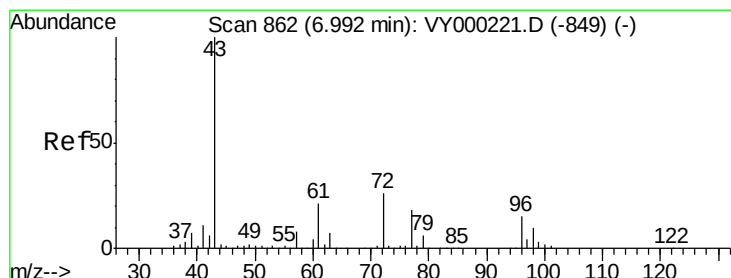
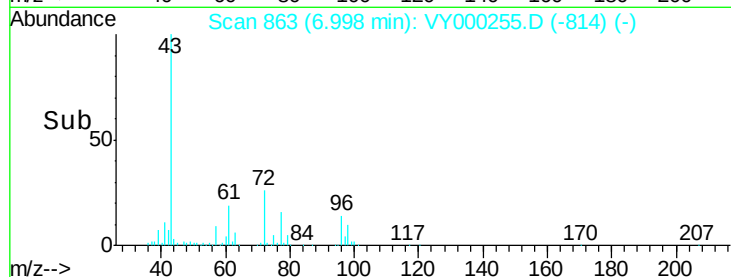
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 17.696 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000255.D

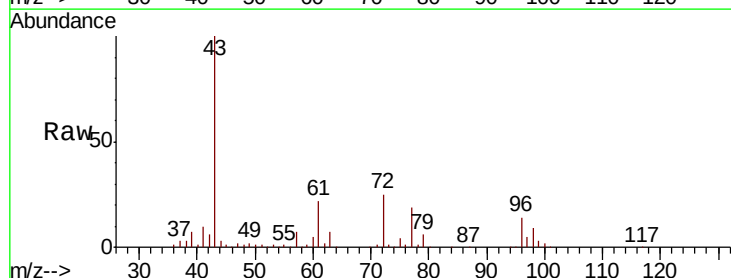
Acq: 10 Oct 2019 16:00

Tgt Ion: 77 Resp: 94655

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6.99

30000

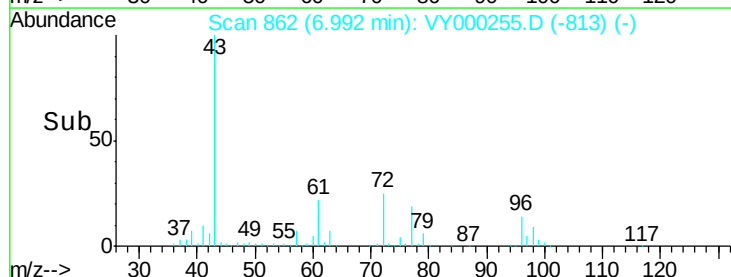
20000

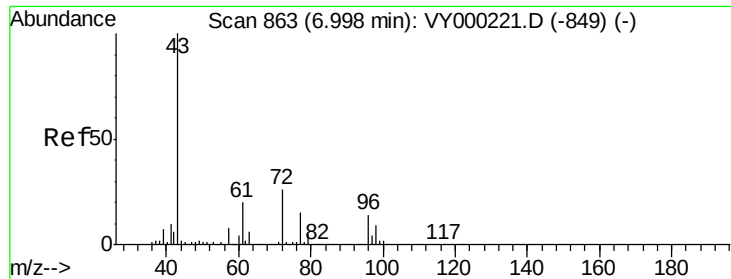
10000

0

6.90 7.00 7.10

Time-->





#27

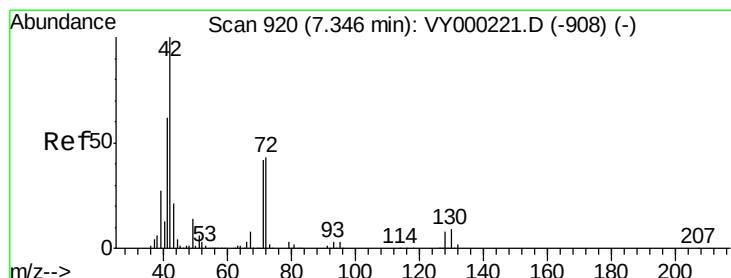
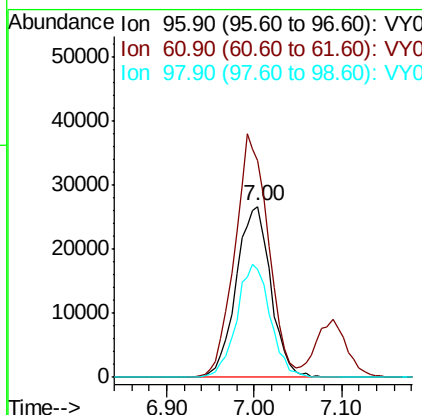
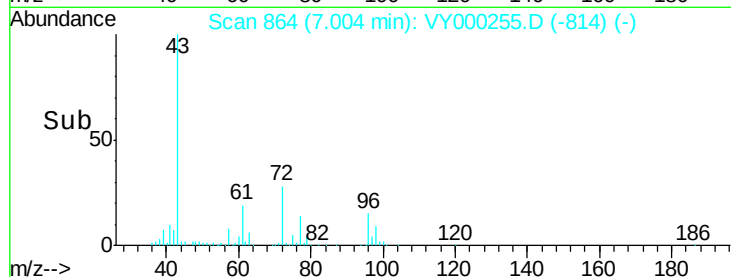
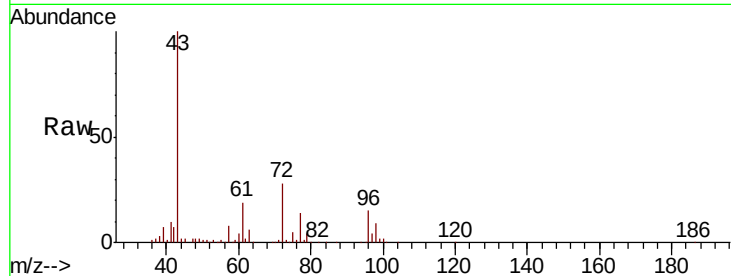
cis-1,2-Dichloroethene  
Concen: 18.558 ug/l  
RT: 7.00 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 138.2 | 0.0   | 282.6 |
| 98      | 64.5  | 0.0   | 129.8 |

Manual Integrations  
APPROVED

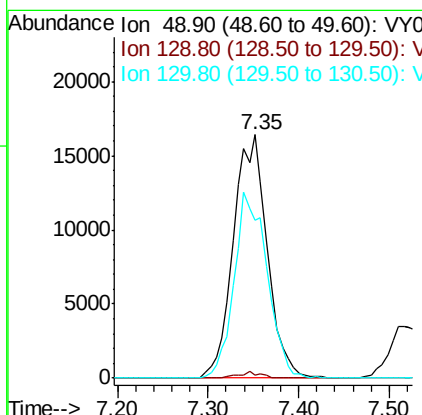
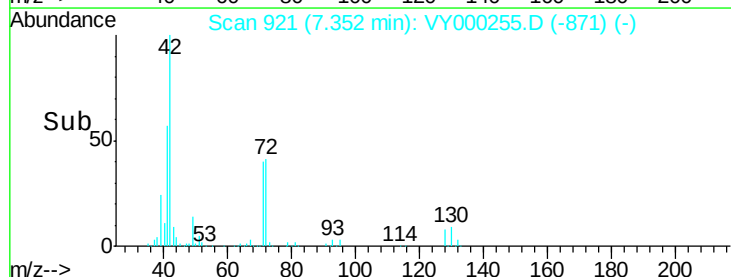
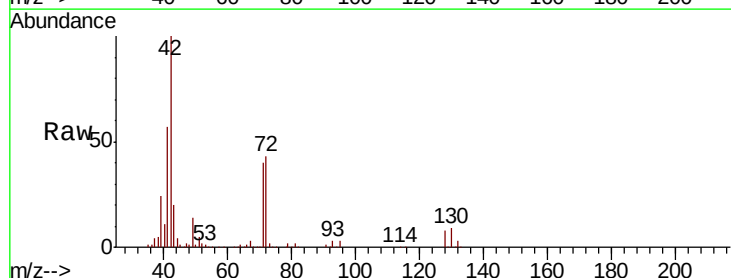
MMDadoda  
10/14/2019 1:33:17 PM

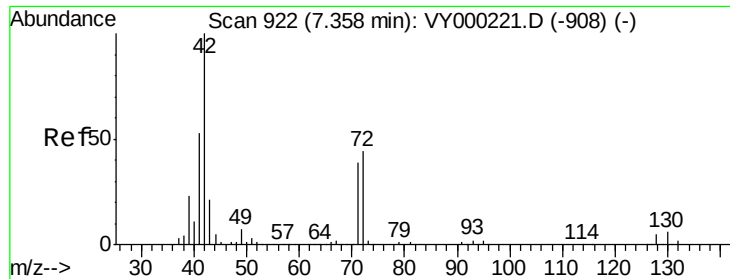


#28

Bromochloromethane  
Concen: 21.754 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.6   | 0.0   | 3.2   |
| 130     | 74.2  | 56.5  | 84.7  |





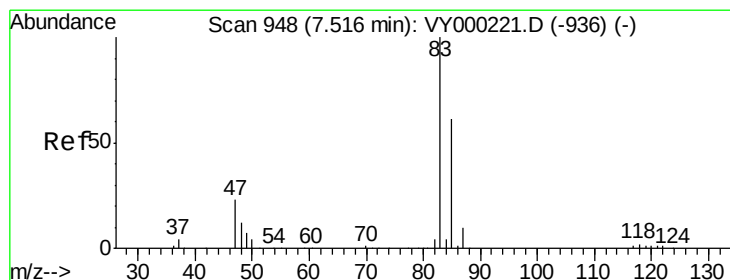
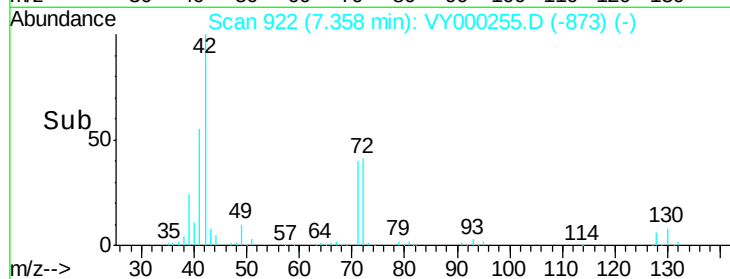
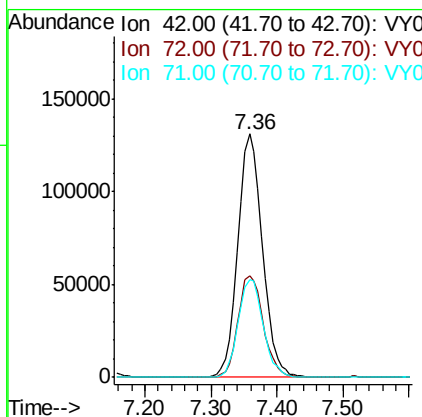
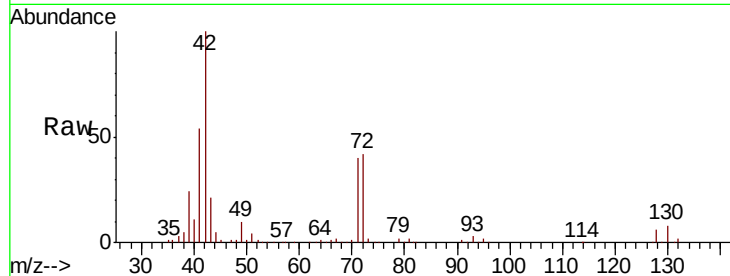
#29  
Tetrahydrofuran  
Concen: 93.943 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.0  | 34.6  | 51.8  |
| 71      | 41.1  | 31.9  | 47.9  |

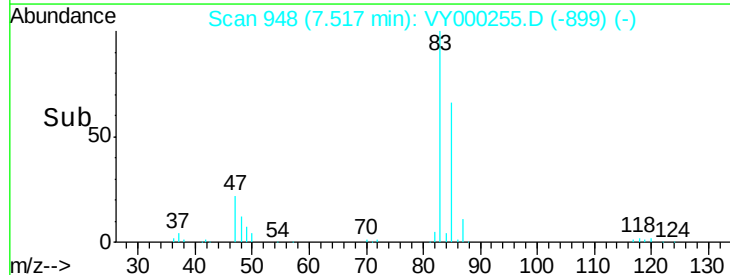
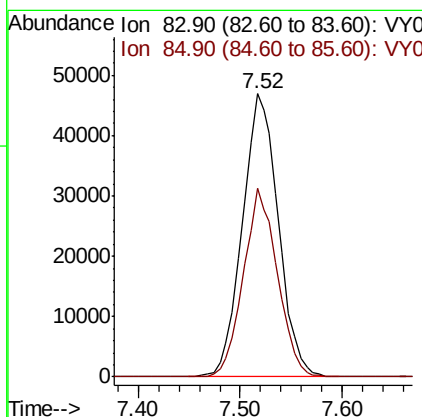
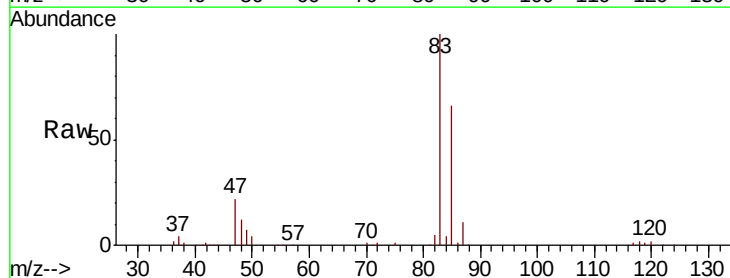
Manual Integrations  
APPROVED

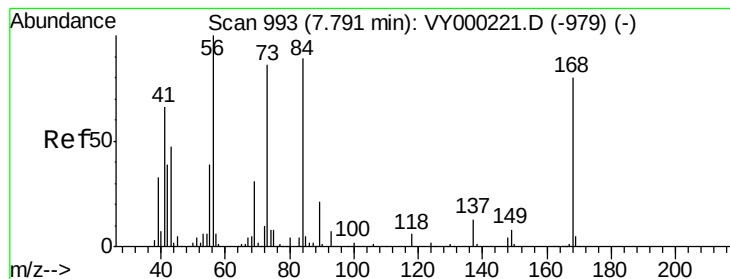
MMDadoda  
10/14/2019 1:33:17 PM



#30  
Chloroform  
Concen: 18.639 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.5  | 48.9  | 73.3  |





#31

Cyclohexane

Concen: 17.431 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 56 Resp: 104326

Ion Ratio Lower Upper

56 100

69 37.6 24.7 37.1#

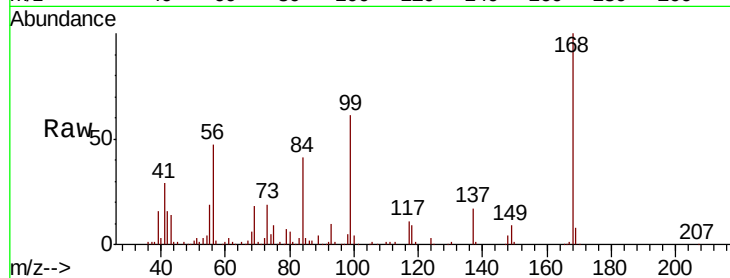
84 85.9 71.3 106.9

Manual Integrations

APPROVED

MMDadoda

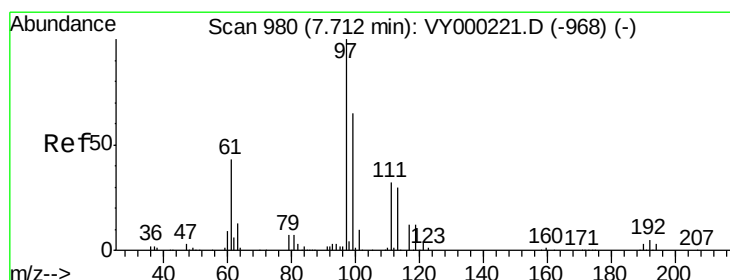
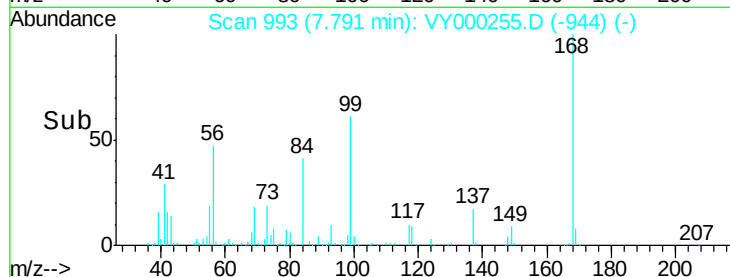
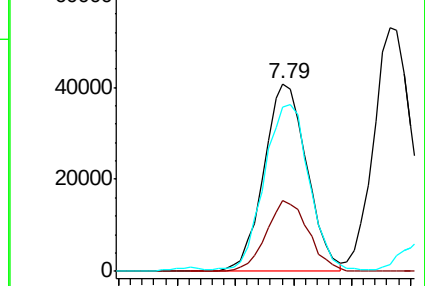
10/14/2019 1:33:17 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.180 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

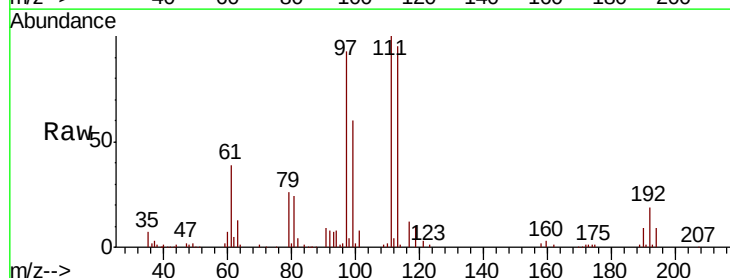
Tgt Ion: 97 Resp: 100277

Ion Ratio Lower Upper

97 100

99 66.0 51.4 77.2

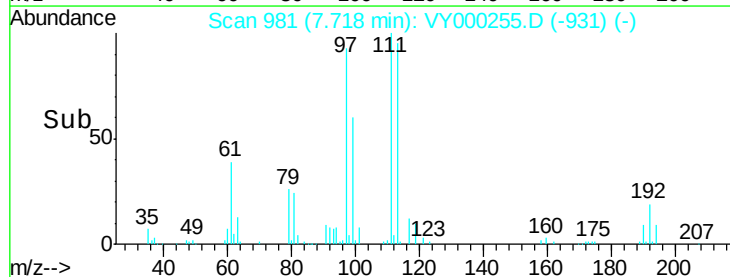
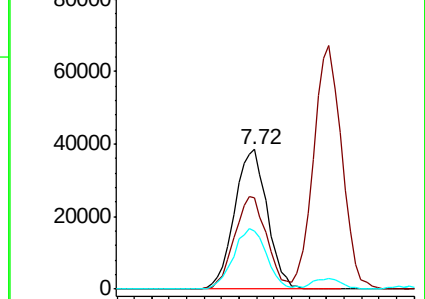
61 43.7 34.2 51.4

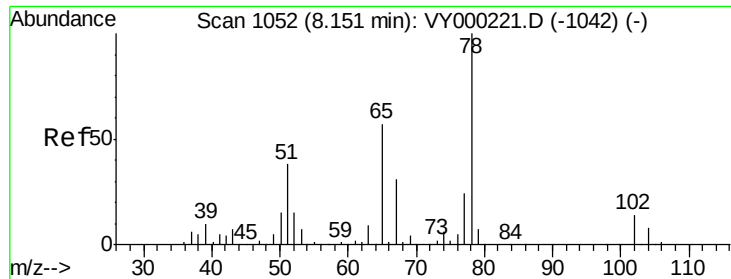


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





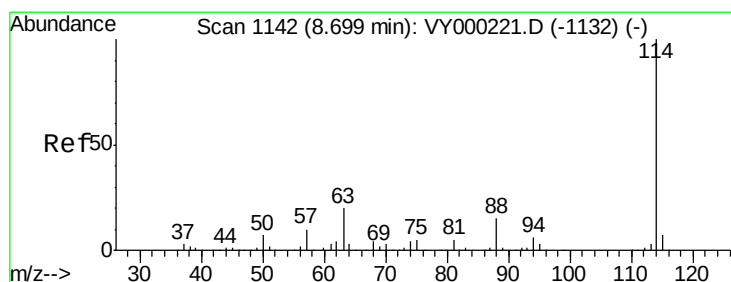
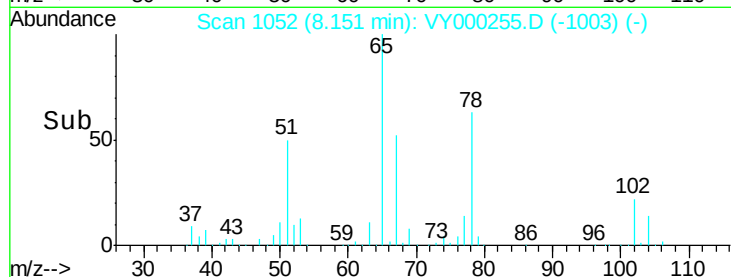
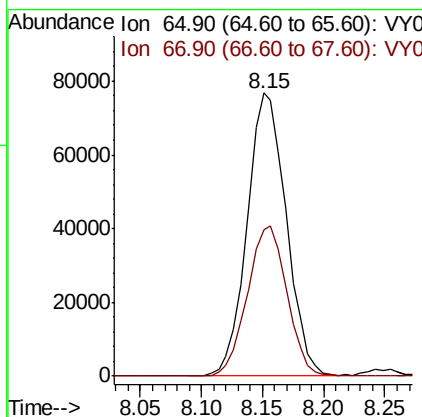
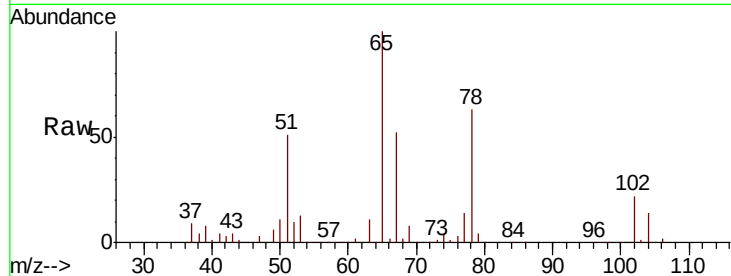
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.050 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

Tot Ion: 65 Resp: 170749  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 109.0

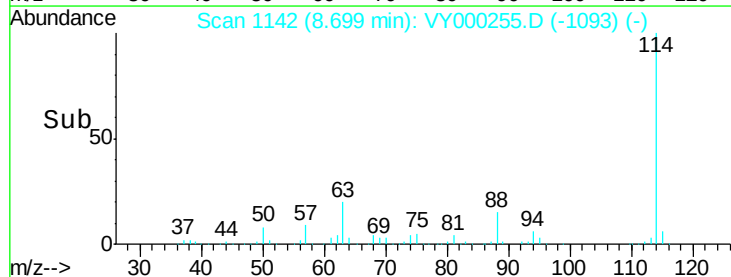
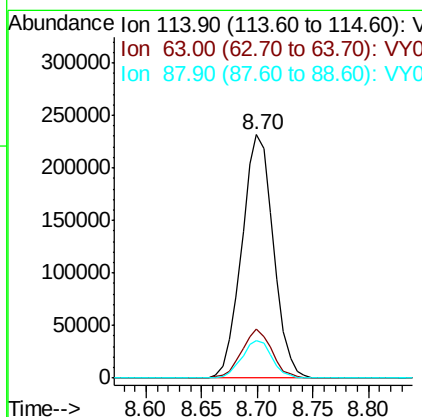
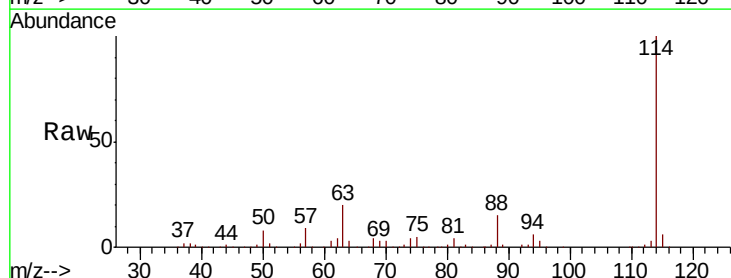
Manual Integrations  
 APPROVED

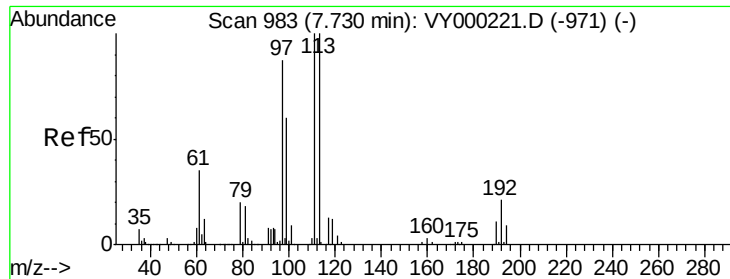
MMDadoda  
 10/14/2019 1:33:17 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Tgt Ion: 114 Resp: 457018  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 39.0  
 88 15.4 0.0 30.6





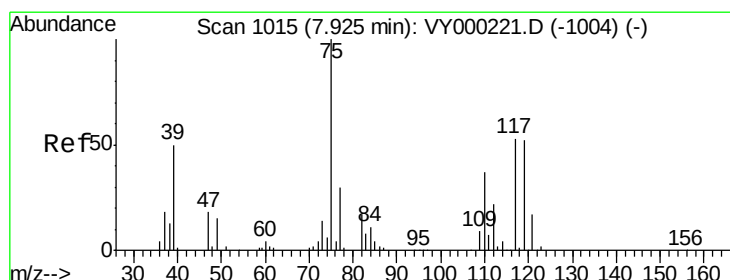
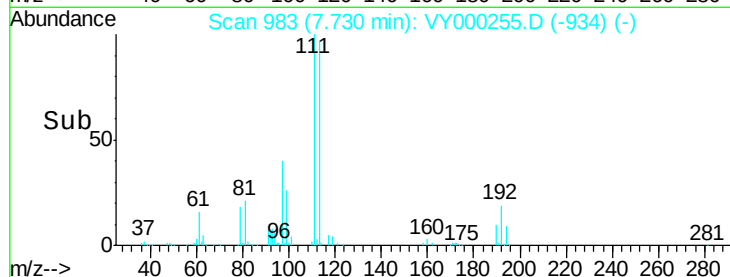
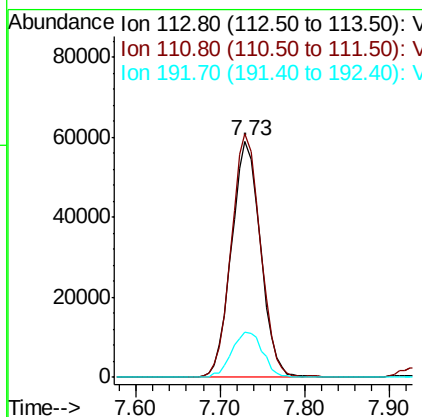
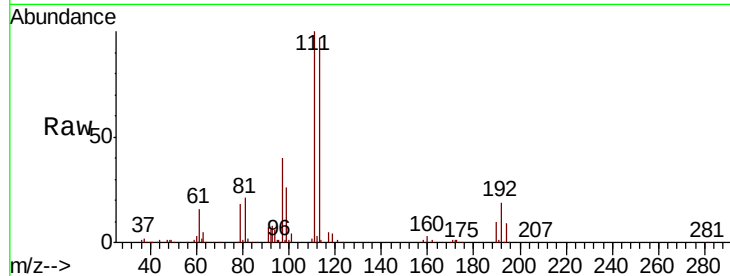
#35  
 Dibromofluoromethane  
 Concen: 48.203 ug/l  
 RT: 7.73 min Scan# 983  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.2 | 82.6  | 124.0 |
| 192     | 20.4  | 15.8  | 23.8  |

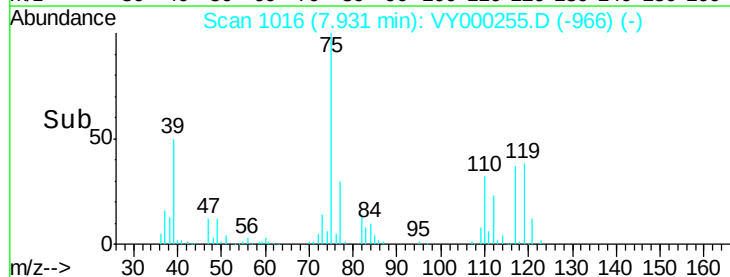
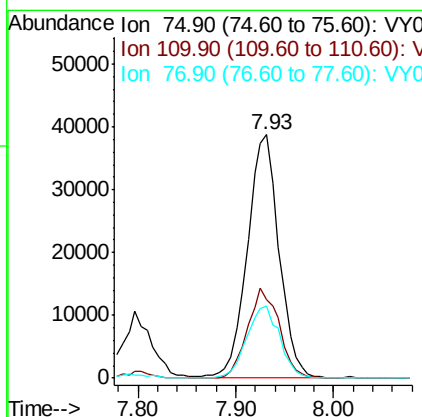
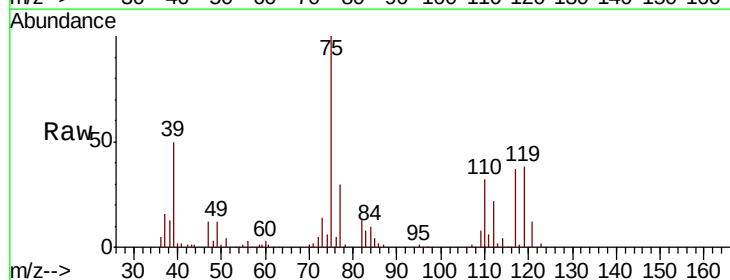
Manual Integrations  
 APPROVED

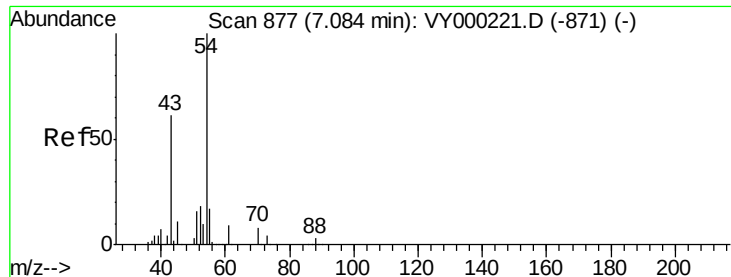
MMDadoda  
 10/14/2019 1:33:17 PM



#36  
 1,1-Dichloropropene  
 Concen: 18.803 ug/l  
 RT: 7.93 min Scan# 1016  
 Delta R.T. 0.01 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.7  | 18.4  | 55.2  |
| 77      | 30.5  | 24.7  | 37.1  |





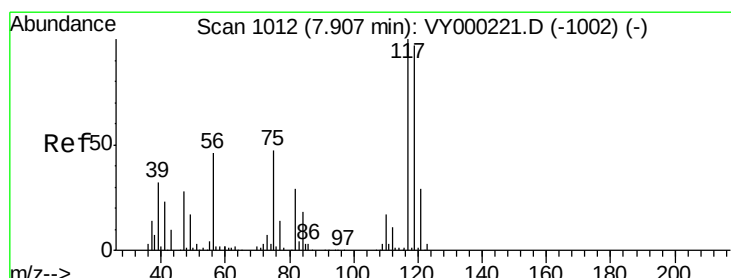
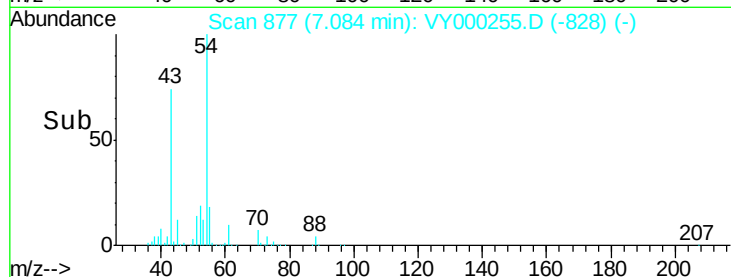
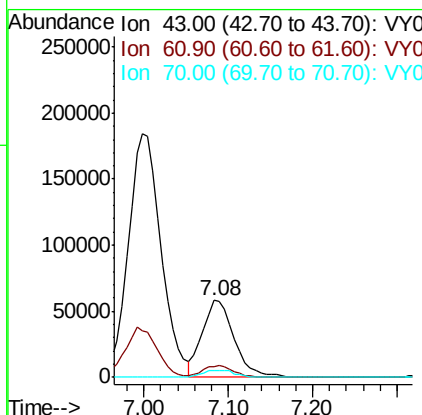
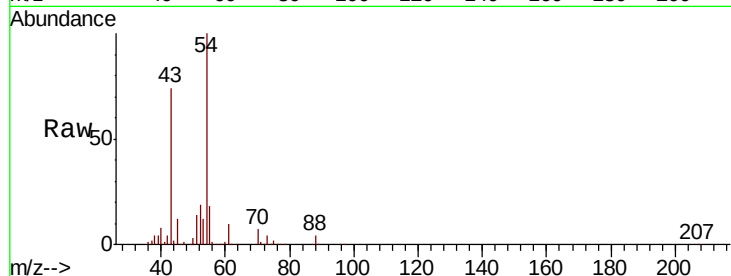
#37  
Ethyl Acetate  
Concen: 18.176 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.8  | 11.1  | 16.7  |
| 70      | 10.4  | 8.5   | 12.7  |

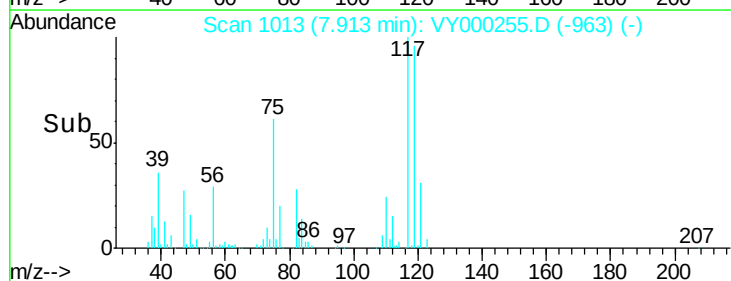
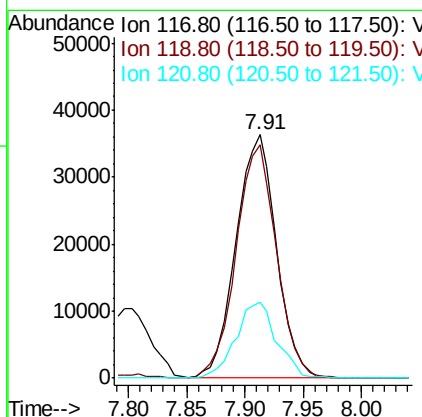
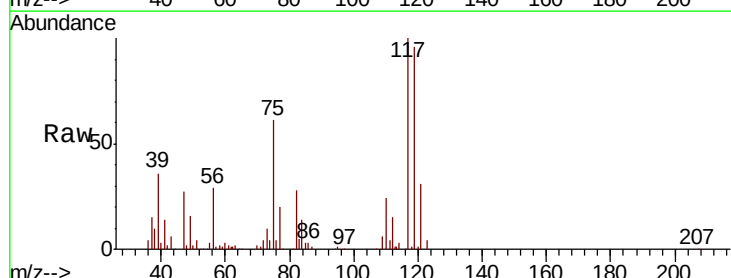
Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM

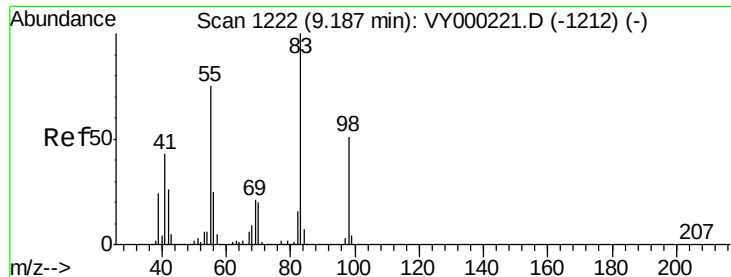


#38  
Carbon Tetrachloride  
Concen: 19.423 ug/l  
RT: 7.91 min Scan# 1013  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 77.2  | 115.8 |
| 121     | 31.0  | 23.1  | 34.7  |







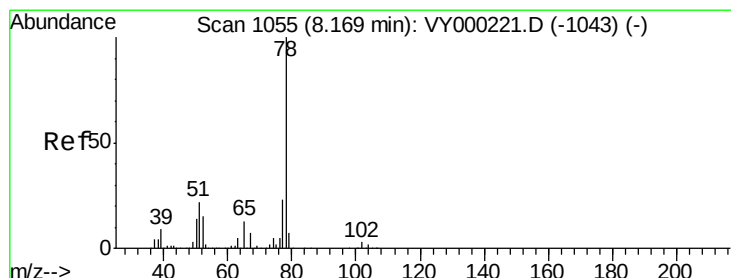
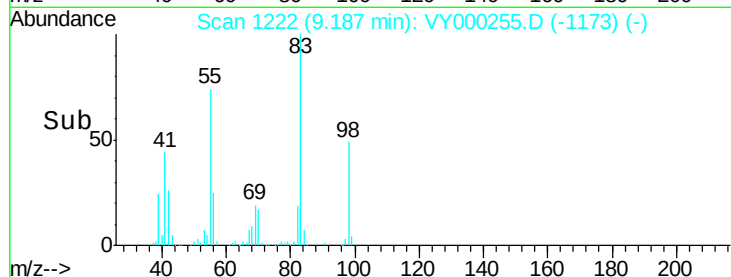
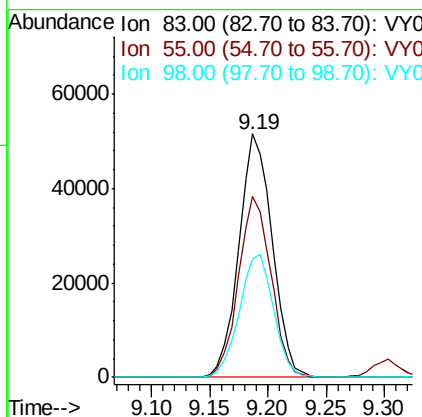
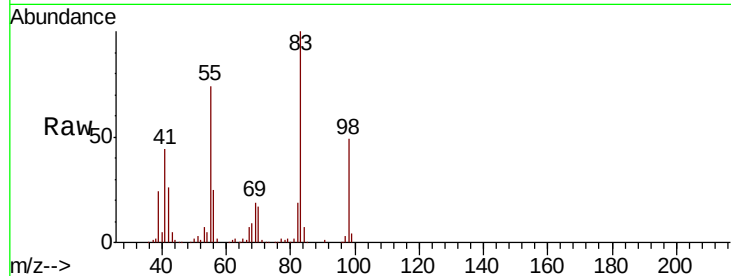
#39  
Methylvlcyclohexane  
Concen: 17.687 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 55      | 74.4  | 60.2 | 90.4  |       |
| 98      | 48.7  | 40.5 | 60.7  |       |

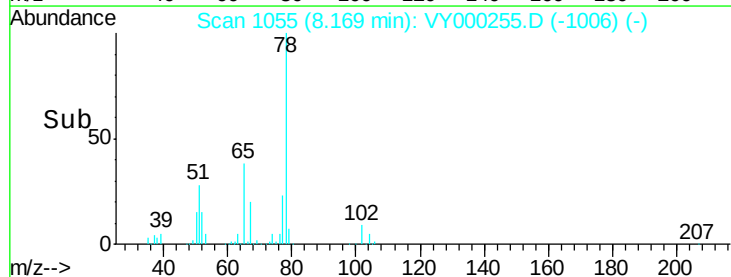
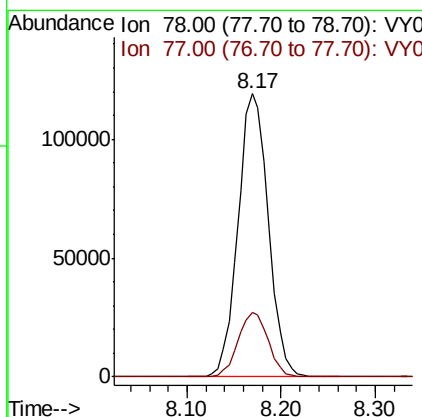
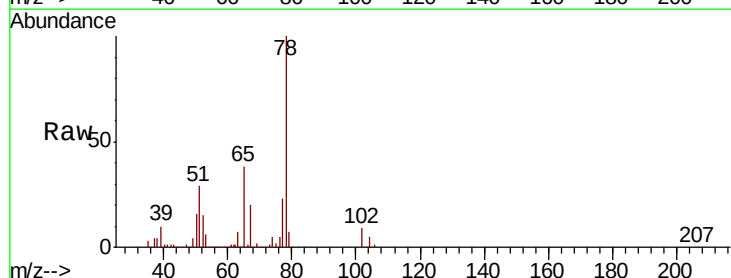
Manual Integrations  
APPROVED

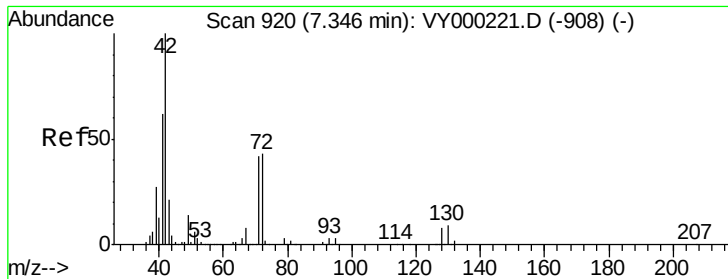
MMDadoda  
10/14/2019 1:33:17 PM



#40  
Benzene  
Concen: 18.923 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 78      | 100   |      |       |       |
| 77      | 22.9  | 18.6 | 28.0  |       |





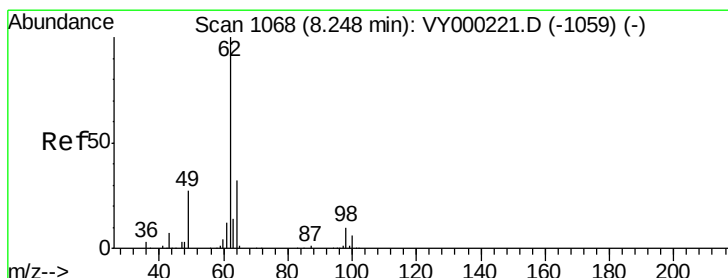
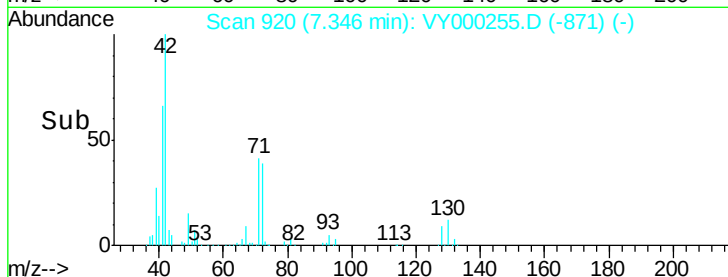
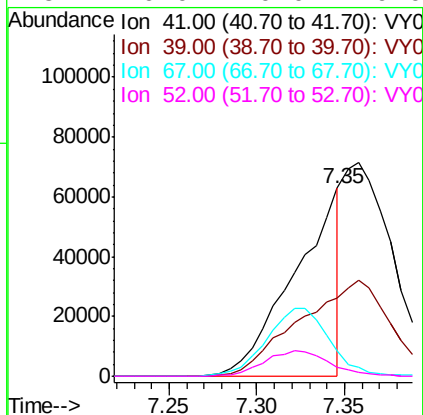
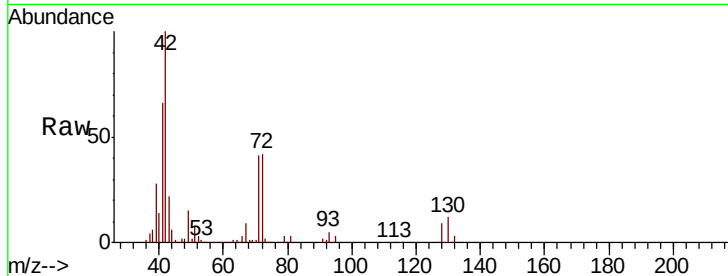
#41  
Methacrylonitrile  
Concen: 17.782 ug/l m  
RT: 7.35 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | 41    | Resp  | 117659 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 41      | 100   |       |        |
| 39      | 99.3  | 74.7  | 112.1  |
| 67      | 0.0   | 0.0   | 0.0    |
| 52      | 0.0   | 0.0   | 0.0    |

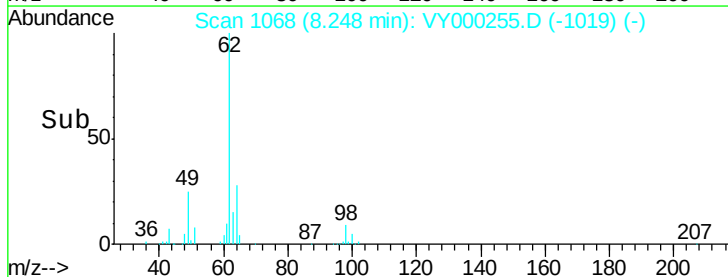
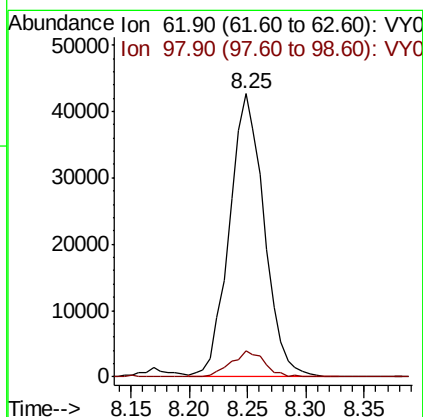
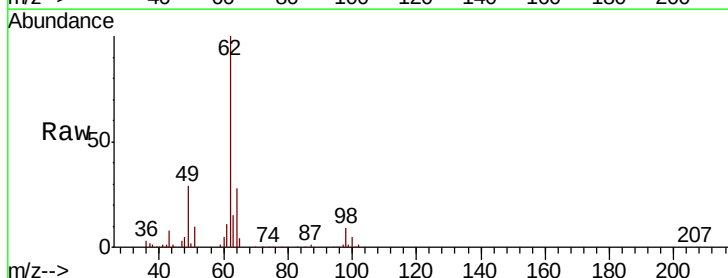
Manual Integrations  
APPROVED

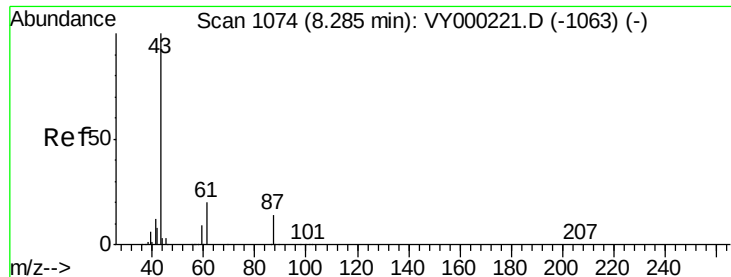
MMDadoda  
10/14/2019 1:33:17 PM



#42  
1,2-Dichloroethane  
Concen: 19.436 ug/l  
RT: 8.25 min Scan# 1068  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | 62    | Resp  | 89053 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 9.0   | 0.0   | 20.0  |





#43

Isopropyl Acetate

Concen: 18.938 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

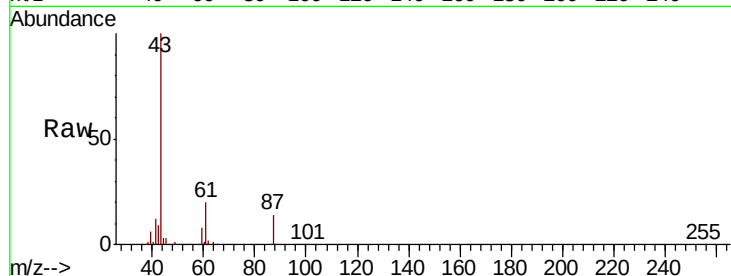
ClientSampleId :

VY1010WBSD01

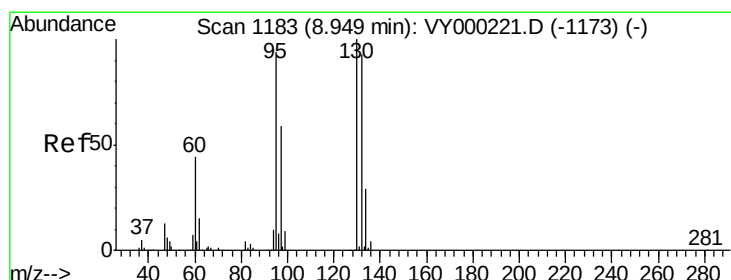
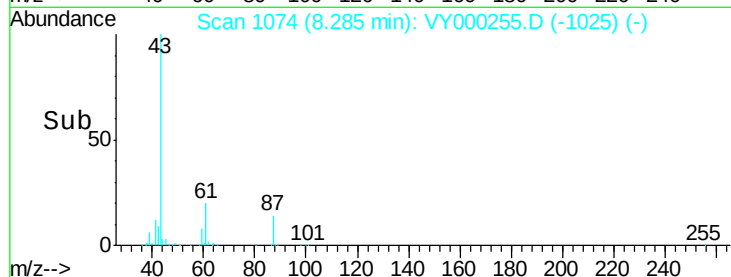
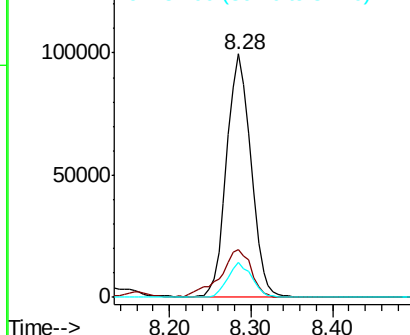
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 204920 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 24.9  | 20.1  | 30.1   |
| 87       | 14.1  | 10.6  | 15.8   |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 61.00 (60.70 to 61.70): VY0  
Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 19.043 ug/l

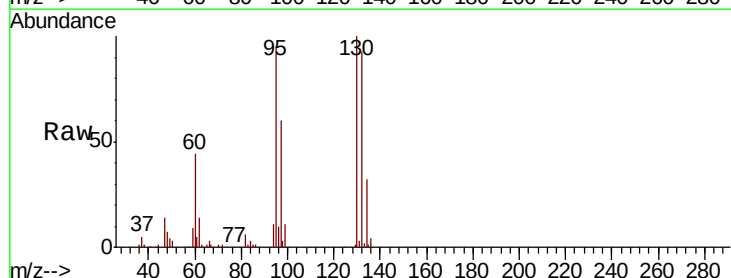
RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

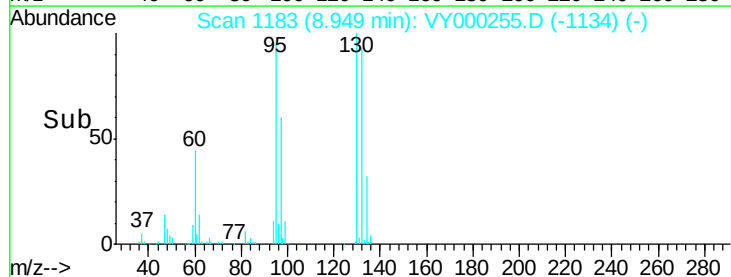
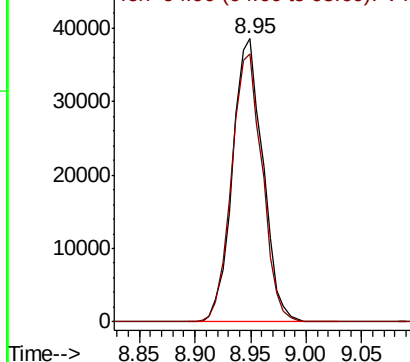
Lab File: VY000255.D

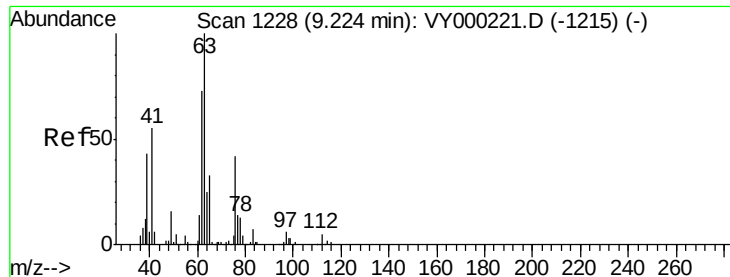
Acq: 10 Oct 2019 16:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 72844 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 94.6  | 0.0   | 189.0 |



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VY0





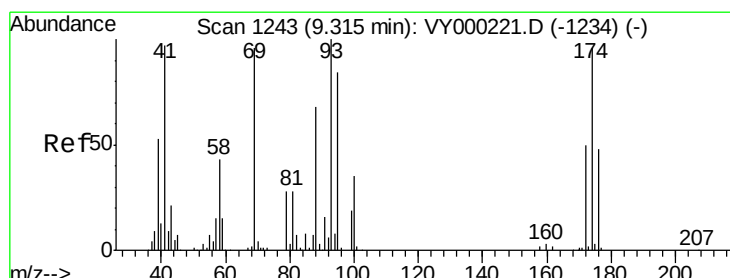
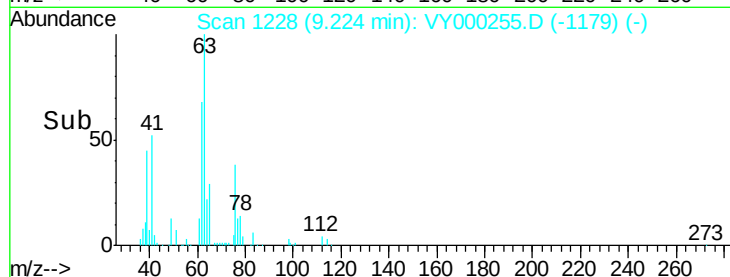
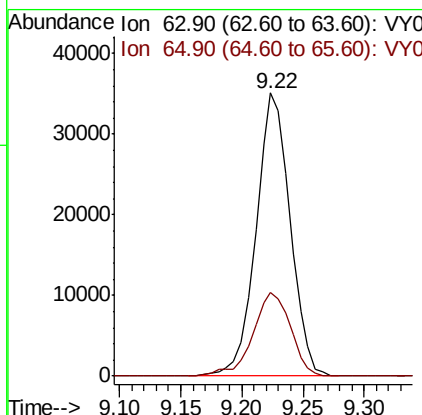
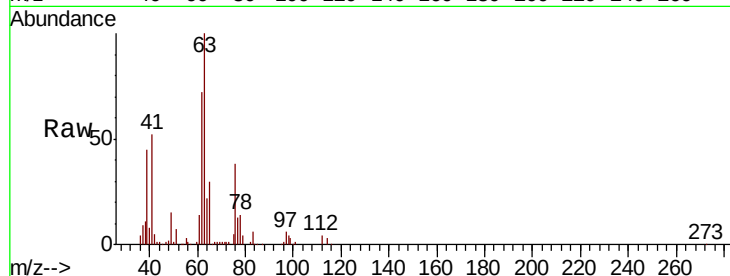
#45  
 1,2-Dichloropropane  
 Concen: 19.264 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

Tot Ion: 63 Resp: 68064  
 Ion Ratio Lower Upper  
 63 100  
 65 29.7 26.6 39.8

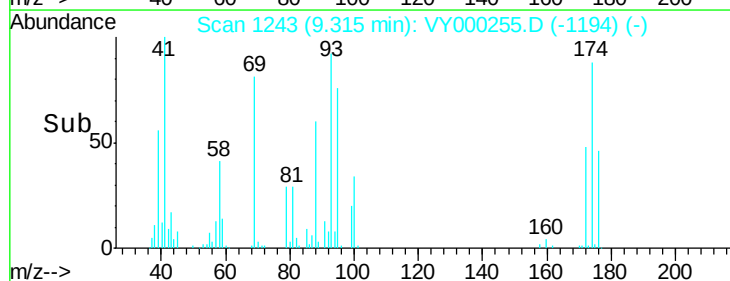
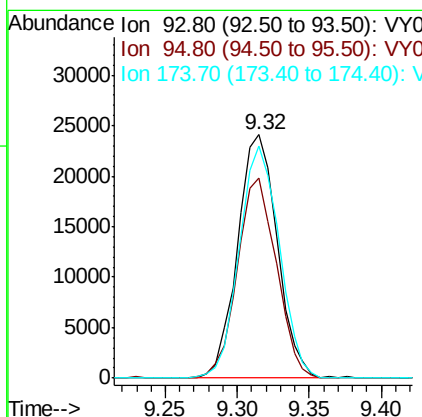
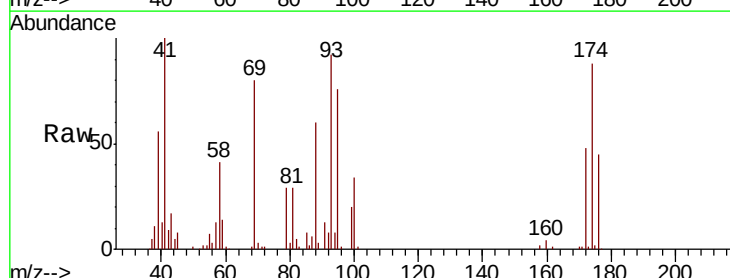
Manual Integrations  
 APPROVED

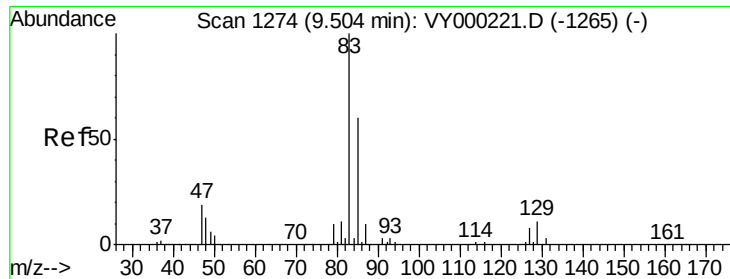
MMDadoda  
 10/14/2019 1:33:17 PM



#46  
 Dibromomethane  
 Concen: 18.612 ug/l  
 RT: 9.32 min Scan# 1243  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Tgt Ion: 93 Resp: 46101  
 Ion Ratio Lower Upper  
 93 100  
 95 80.9 67.0 100.6  
 174 96.0 77.5 116.3





#47

Bromodichloromethane

Concen: 18.706 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

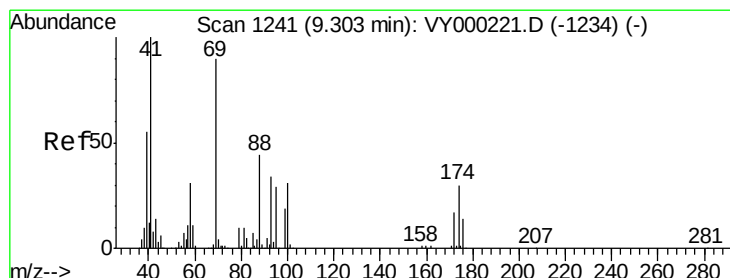
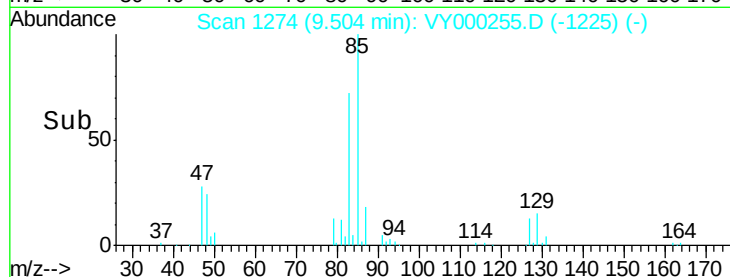
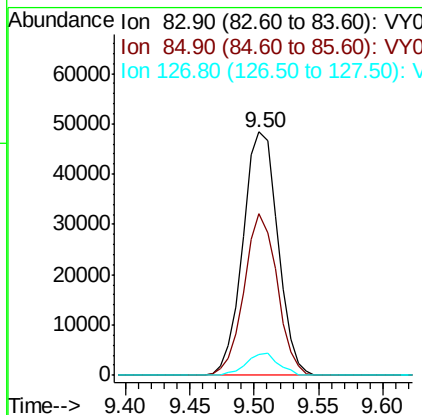
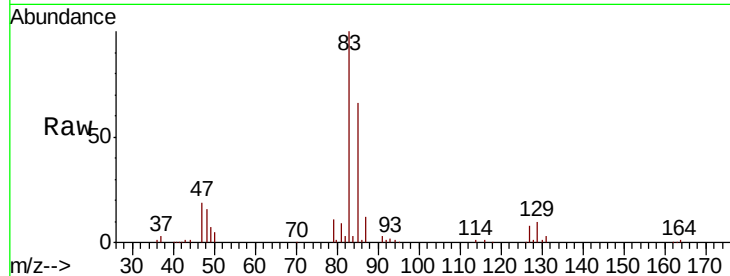
ClientSampleId :

VY1010WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 90632 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 66.5  | 48.0  | 72.0  |
| 127       | 8.4   | 6.5   | 9.7   |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#48

Methyl methacrylate

Concen: 18.847 ug/l

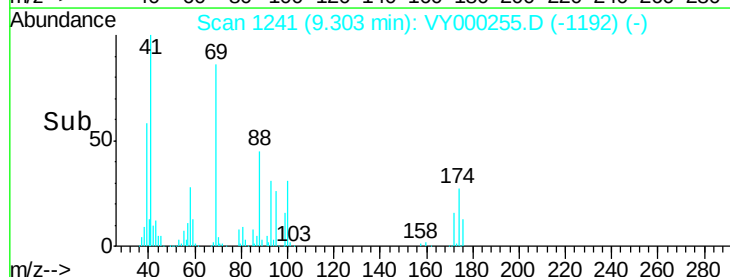
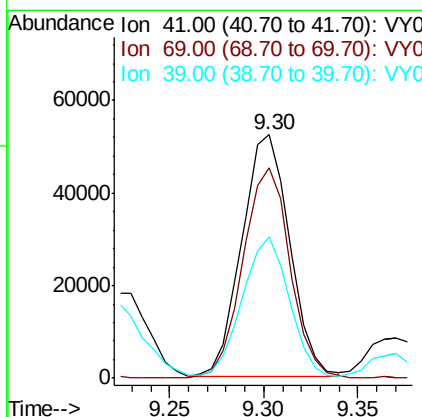
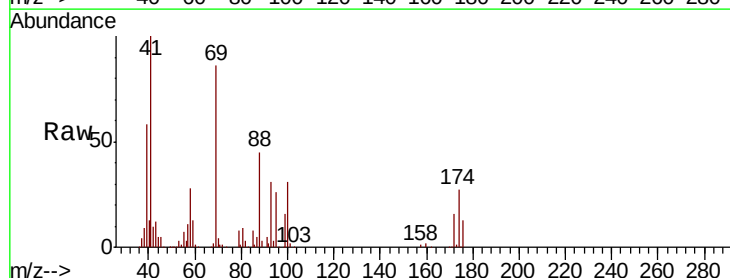
RT: 9.30 min Scan# 1241

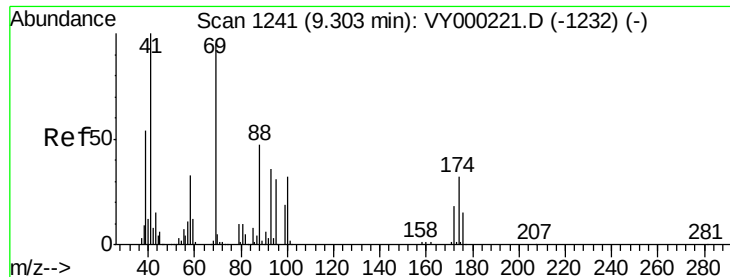
Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 92047 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 85.6  | 70.3  | 105.5 |
| 39        | 58.0  | 45.5  | 68.3  |





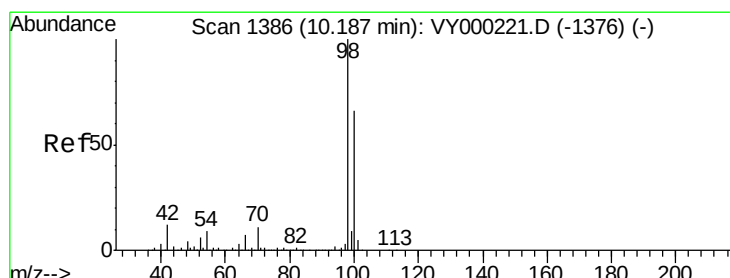
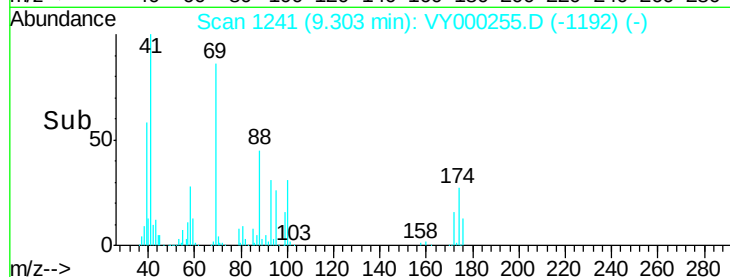
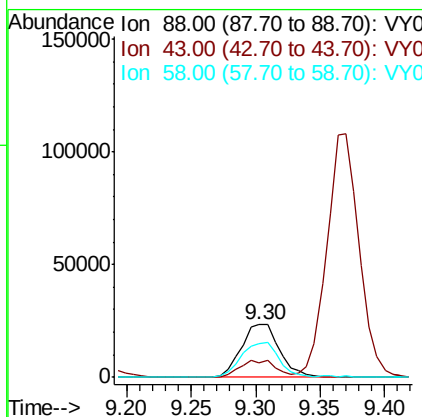
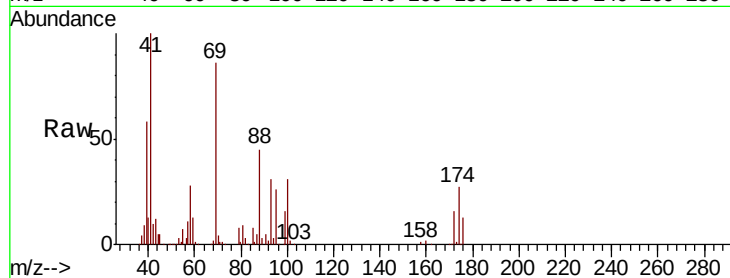
#49  
1,4-Dioxane  
Concen: 384.791 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 30.6  | 24.5  | 36.7  |
| 58      | 66.8  | 54.2  | 81.2  |

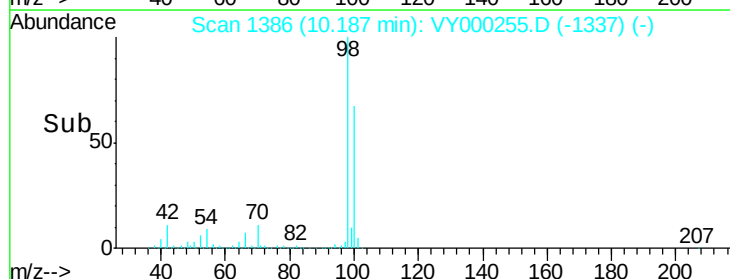
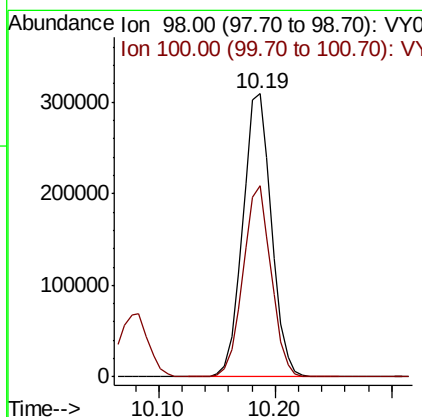
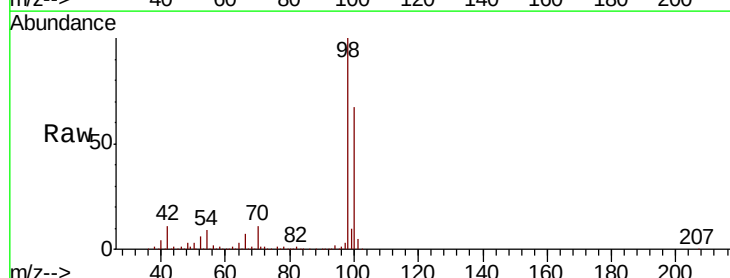
Manual Integrations  
APPROVED

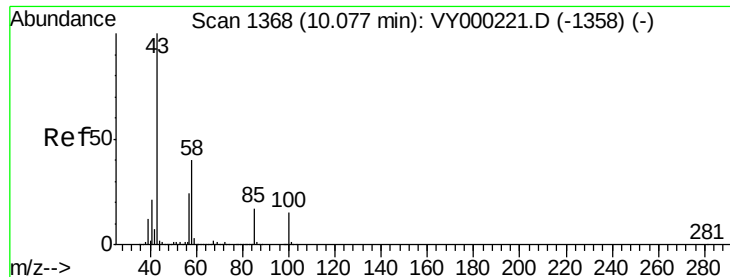
MMDadoda  
10/14/2019 1:33:17 PM



#50  
Toluene-d8  
Concen: 47.423 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.2  | 53.0  | 79.6  |





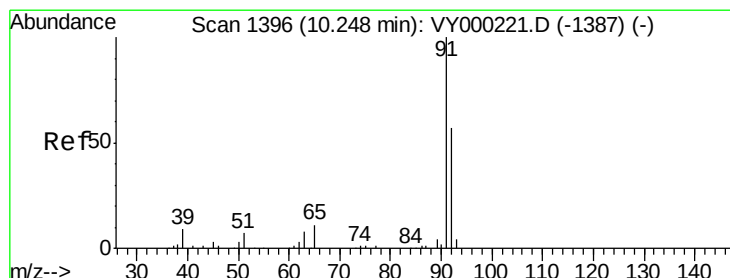
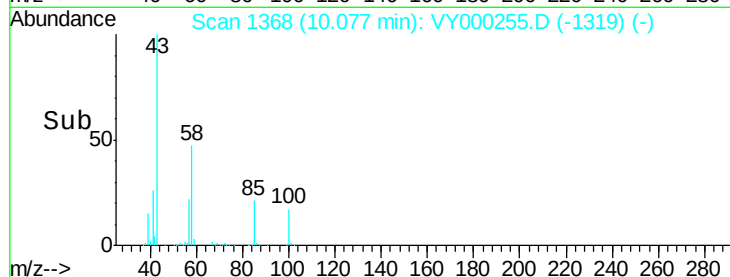
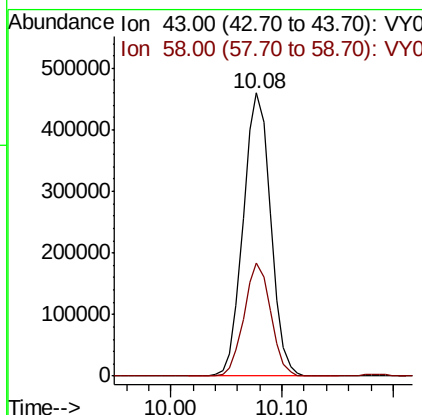
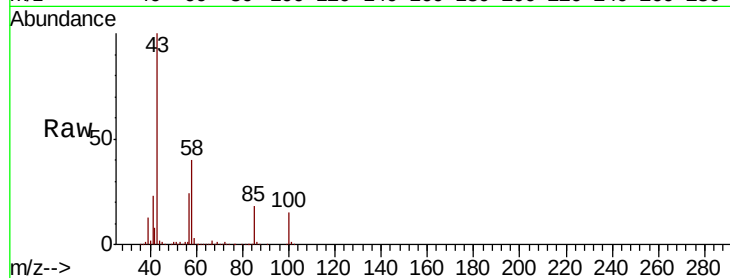
#51  
 4-Methyl-2-Pentanone  
 Concen: 96.787 ug/l  
 RT: 10.08 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

| Tot Ion   | 43   | Resp  | 787074 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 39.2 | 31.7  | 47.5   |

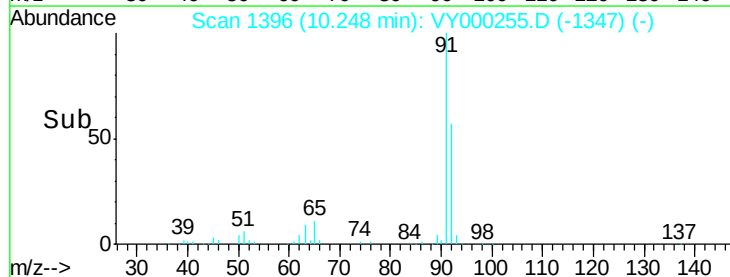
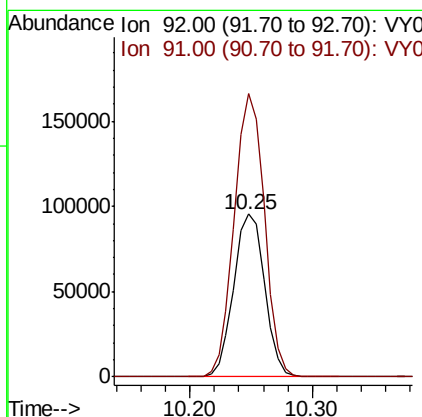
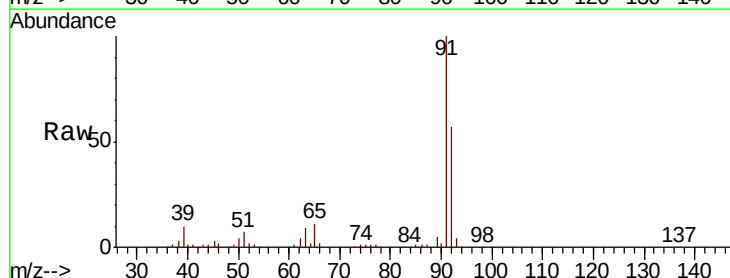
Manual Integrations  
 APPROVED

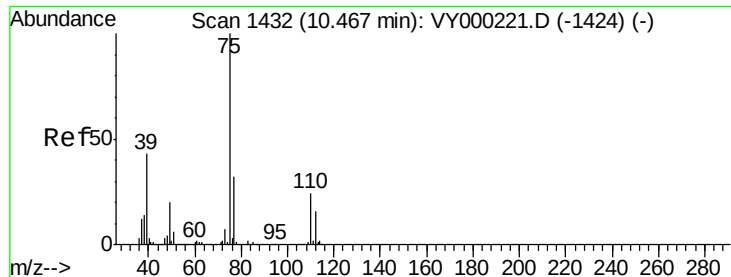
MMDadoda  
 10/14/2019 1:33:17 PM



#52  
 Toluene  
 Concen: 18.549 ug/l  
 RT: 10.25 min Scan# 1396  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

| Tgt Ion   | 92    | Resp  | 167823 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 92        | 100   |       |        |
| 91        | 169.3 | 139.1 | 208.7  |





#53

t-1,3-Dichloropropene

Concen: 18.694 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 75 Resp: 102757

Ion Ratio Lower Upper

75 100

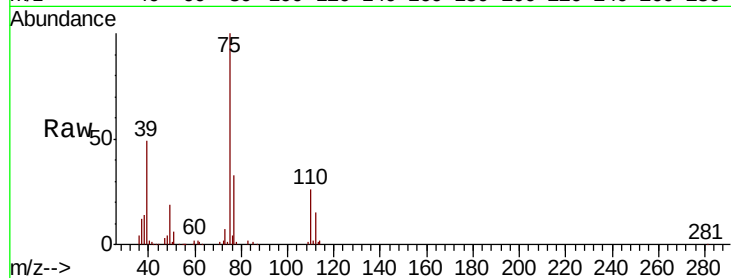
77 32.7 25.3 37.9

Manual Integrations

APPROVED

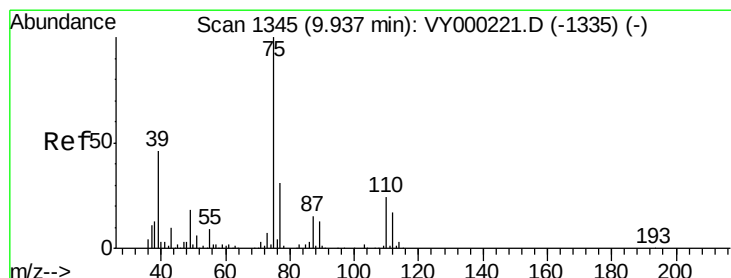
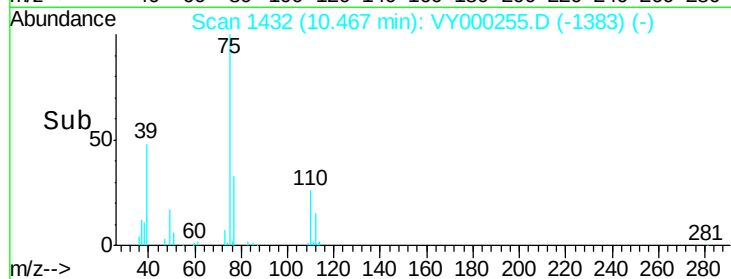
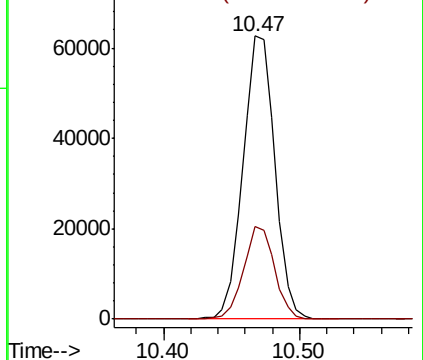
MMDadoda

10/14/2019 1:33:17 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 18.639 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

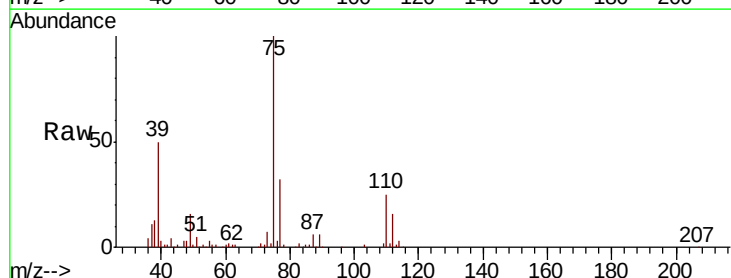
Tgt Ion: 75 Resp: 110863

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4

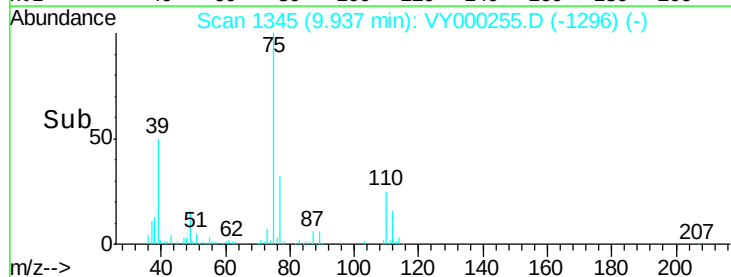
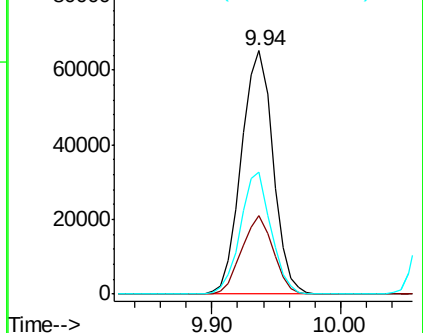
39 50.1 36.3 54.5



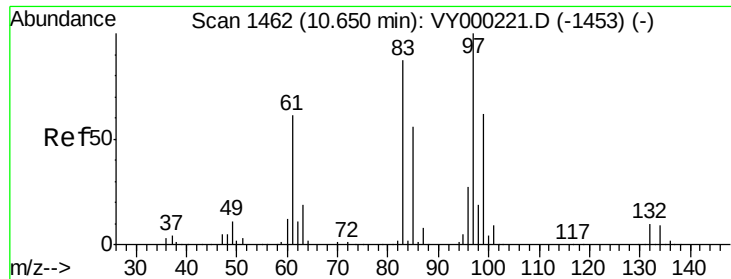
Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0







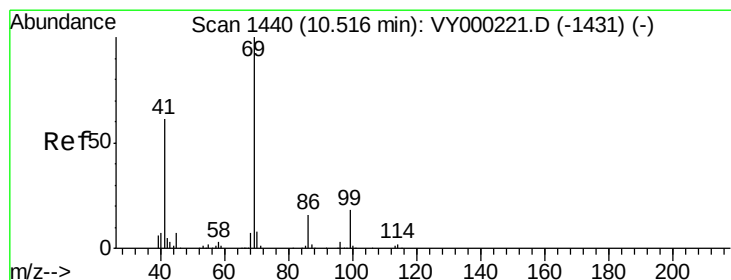
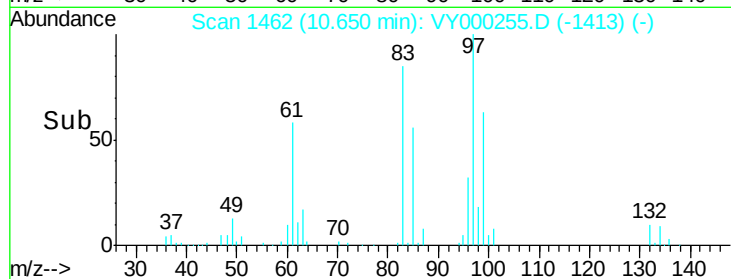
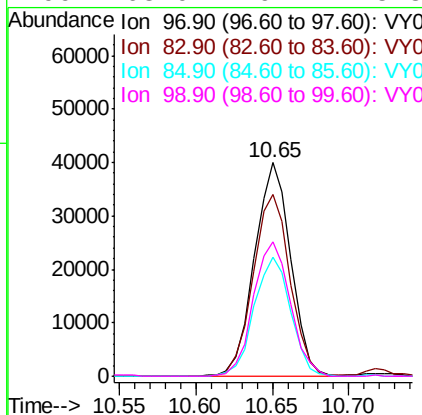
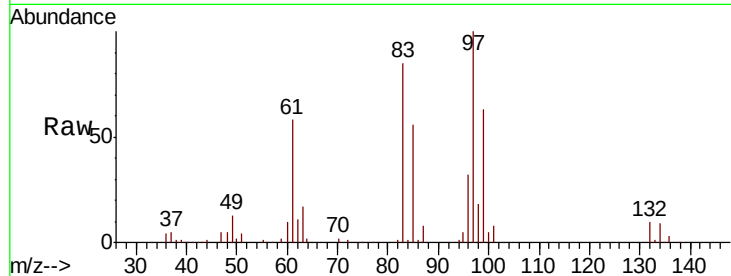
#55  
 1,1,2-Trichloroethane  
 Concen: 18.430 ug/l  
 RT: 10.65 min Scan# 1462  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 65750 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.9  | 69.4  | 104.0 |
| 85       | 55.8  | 44.6  | 66.8  |
| 99       | 63.0  | 49.2  | 73.8  |

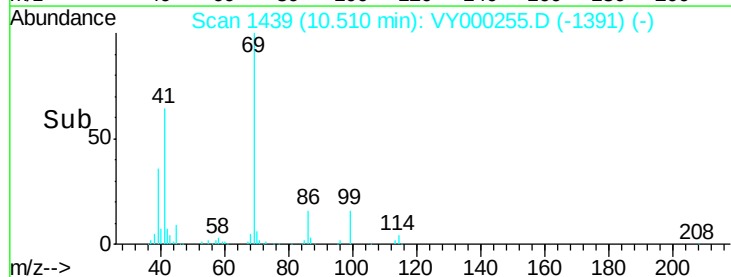
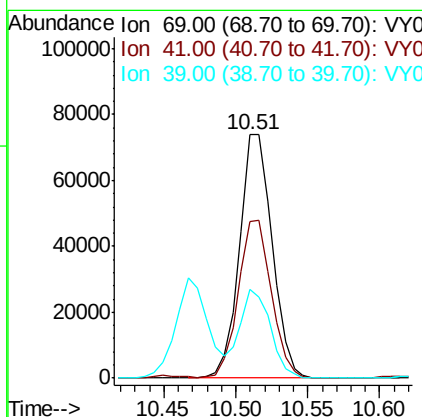
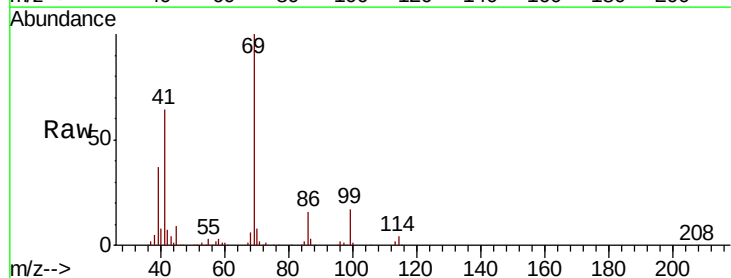
Manual Integrations  
 APPROVED

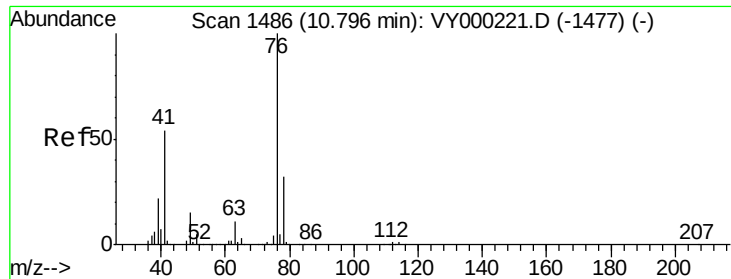
MMDadoda  
 10/14/2019 1:33:17 PM



#56  
 Ethyl methacrylate  
 Concen: 18.564 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. -0.01 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 116598 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.0  | 51.2  | 76.8   |
| 39       | 34.6  | 27.0  | 40.4   |





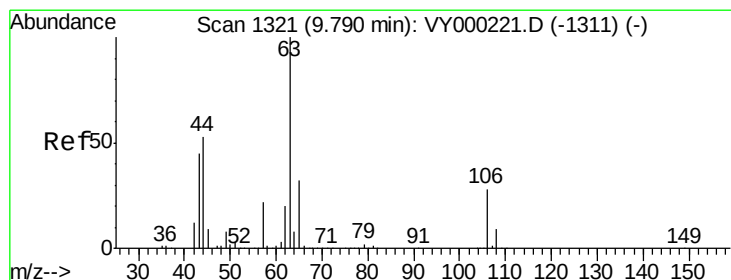
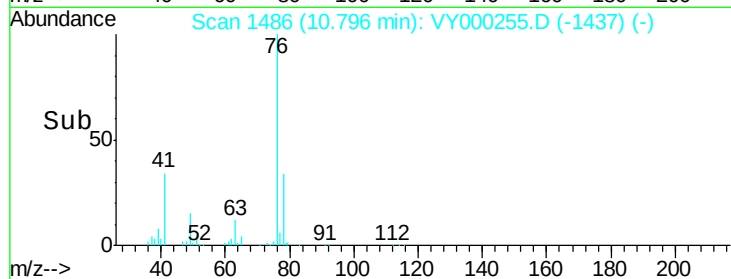
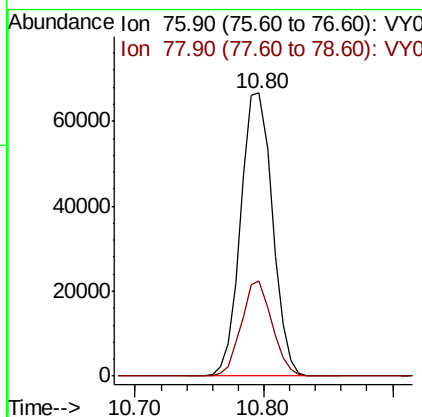
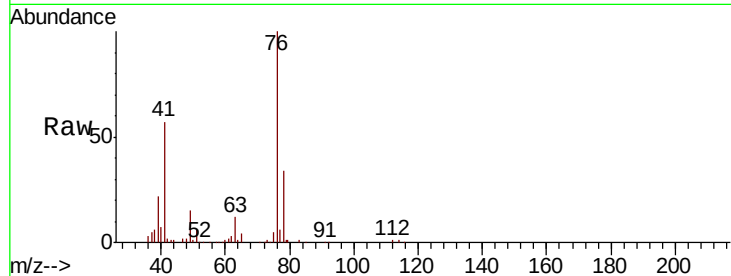
#57  
 1,3-Dichloropropane  
 Concen: 18.698 ug/l  
 RT: 10.80 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

Tot Ion: 76 Resp: 113892  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 26.0 39.0

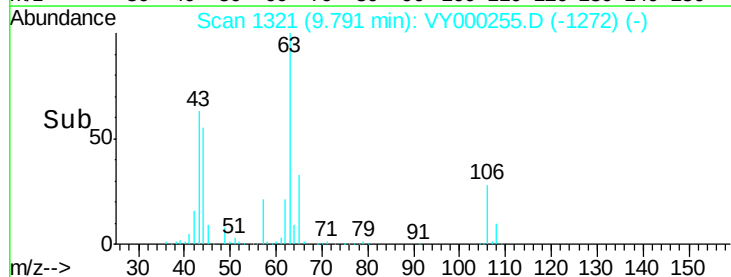
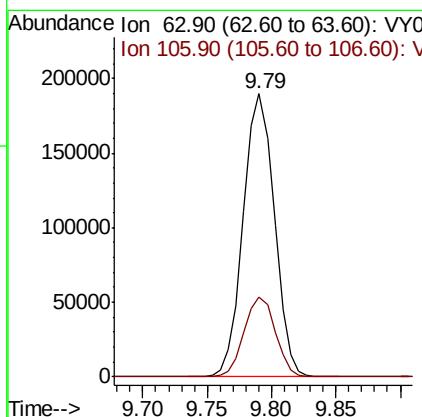
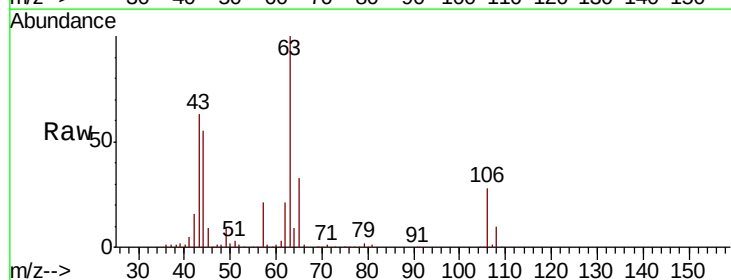
Manual Integrations  
 APPROVED

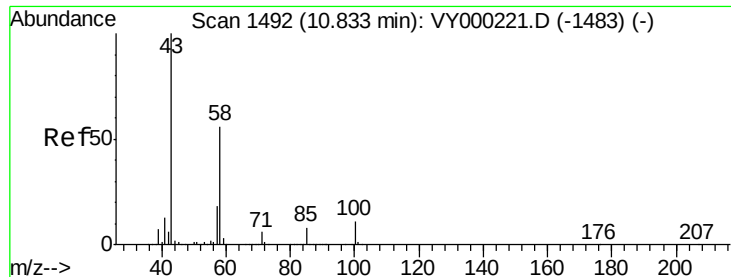
MMDadoda  
 10/14/2019 1:33:17 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 113.473 ug/l  
 RT: 9.79 min Scan# 1321  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Tgt Ion: 63 Resp: 317673  
 Ion Ratio Lower Upper  
 63 100  
 106 28.2 22.6 33.8





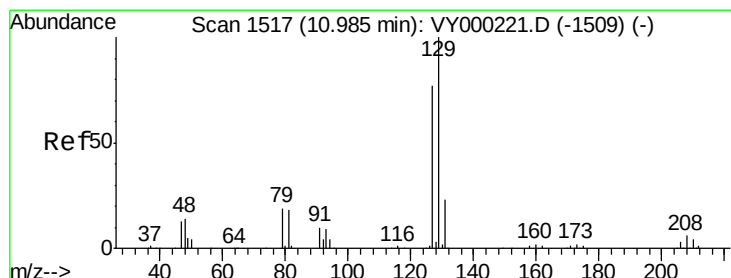
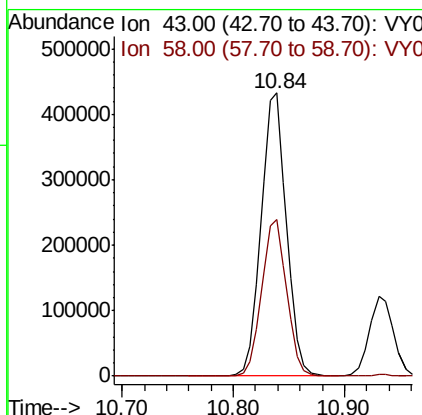
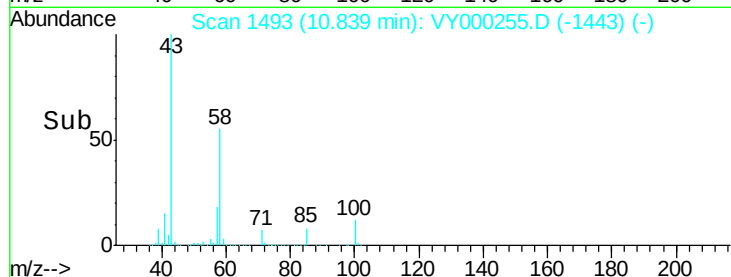
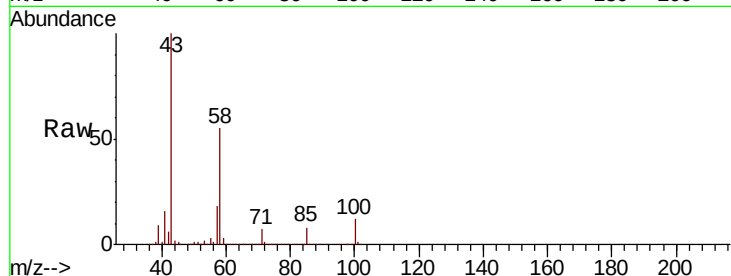
#59  
2-Hexanone  
Concen: 90.935 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.8  | 28.2  | 84.6  |

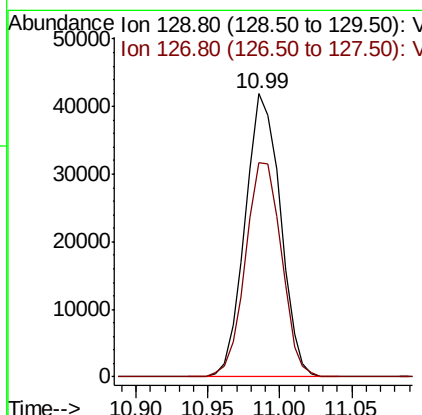
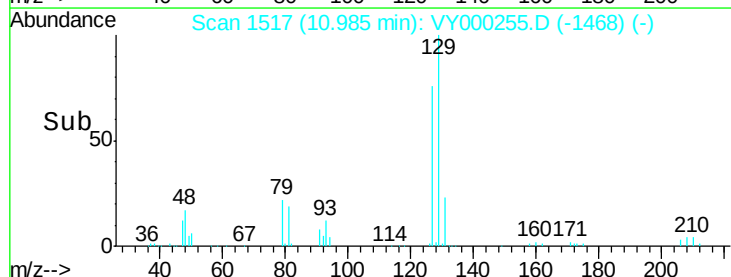
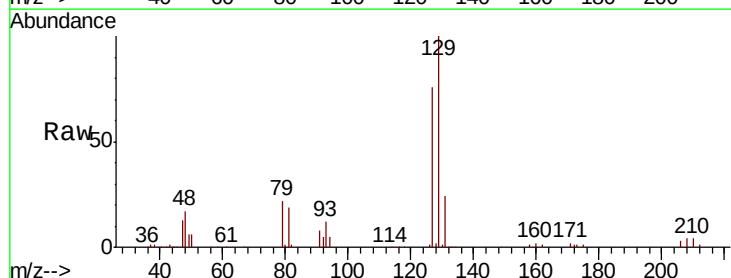
Manual Integrations  
APPROVED

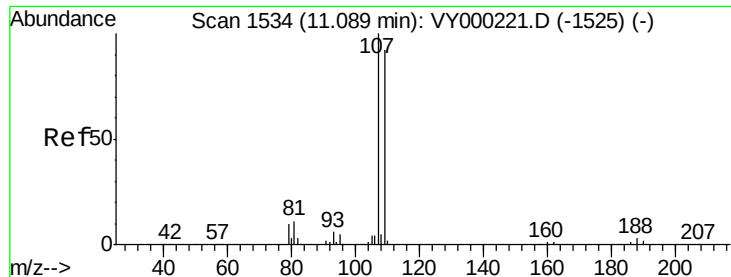
MMDadoda  
10/14/2019 1:33:17 PM



#60  
Dibromochloromethane  
Concen: 18.843 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.4  | 39.1  | 117.2 |





#61

1,2-Dibromoethane

Concen: 19.020 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 107 Resp: 72076

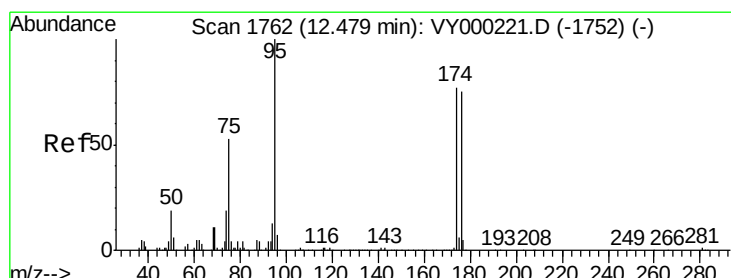
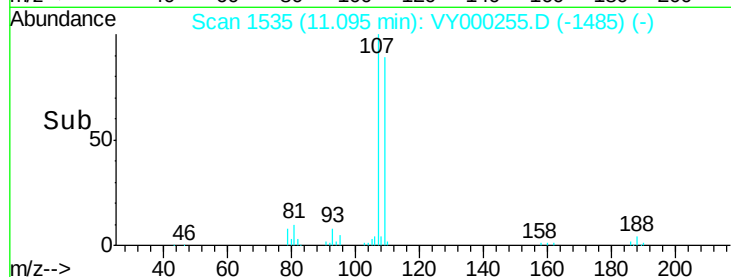
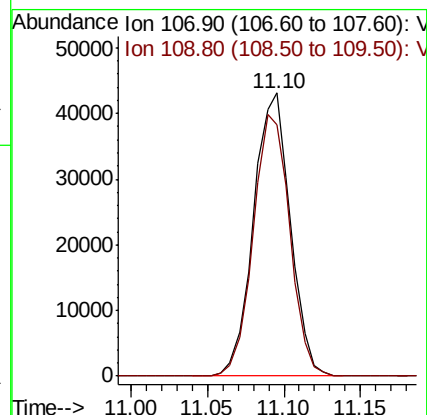
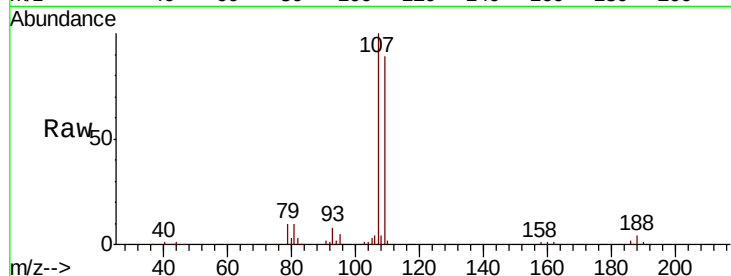
Ion Ratio Lower Upper

107 100

109 92.2 75.0 112.6

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#62

4-Bromofluorobenzene

Concen: 48.043 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

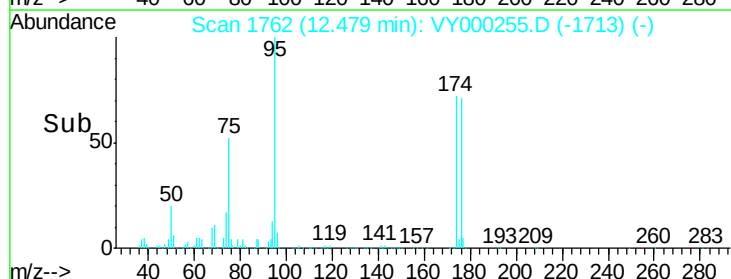
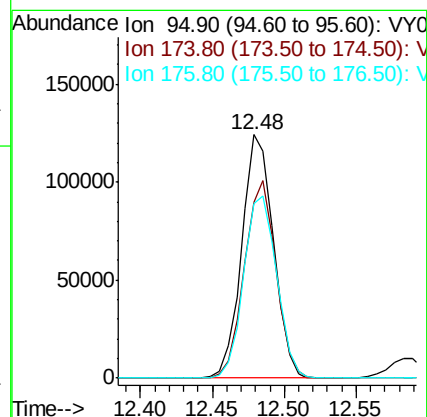
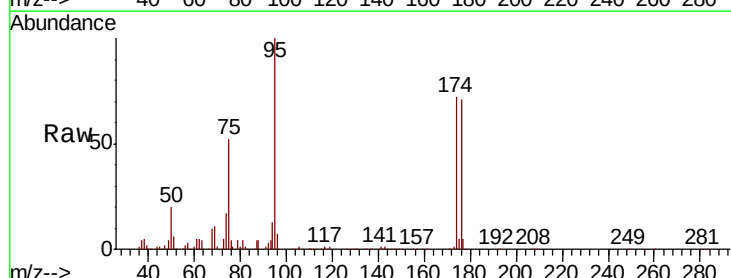
Tgt Ion: 95 Resp: 189667

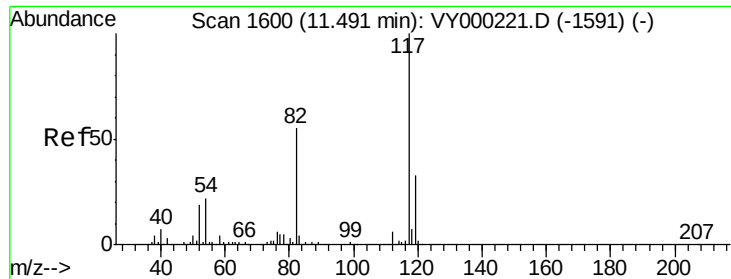
Ion Ratio Lower Upper

95 100

174 80.5 0.0 157.0

176 77.8 0.0 153.0





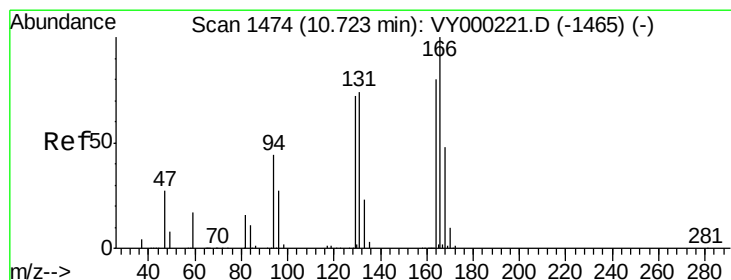
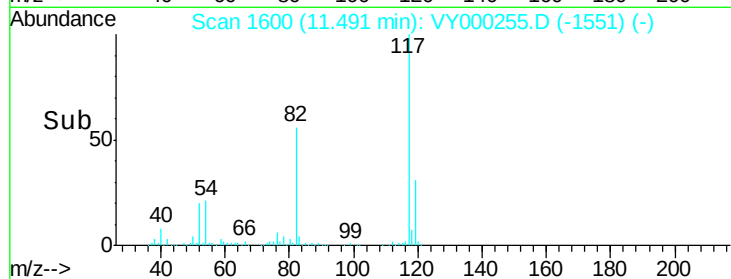
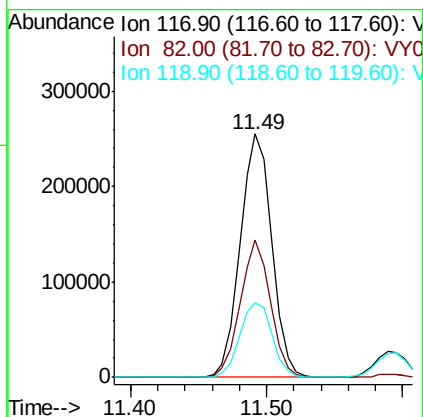
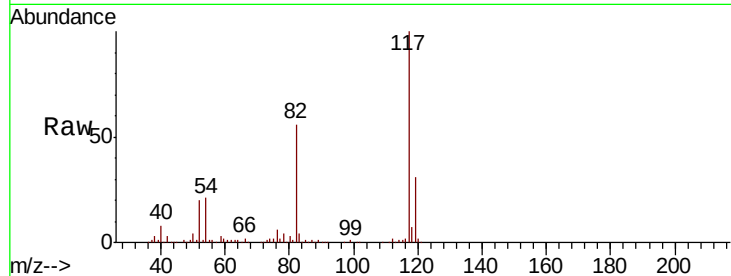
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.2  | 44.4  | 66.6  |
| 119     | 30.8  | 26.2  | 39.2  |

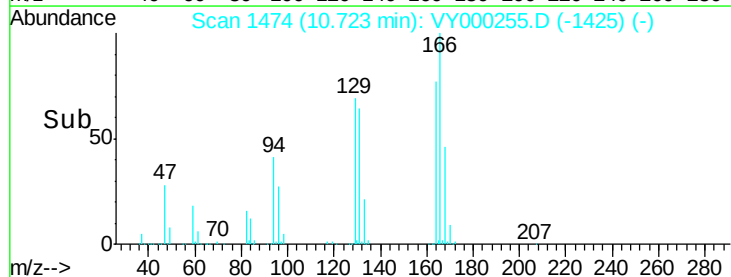
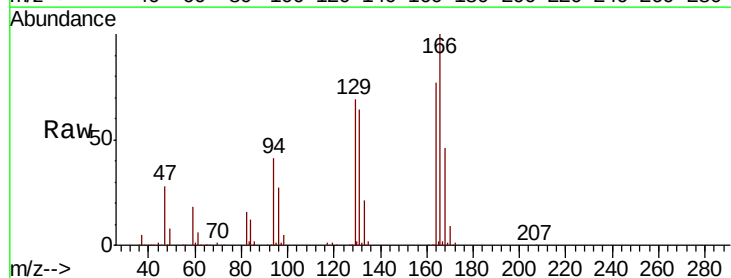
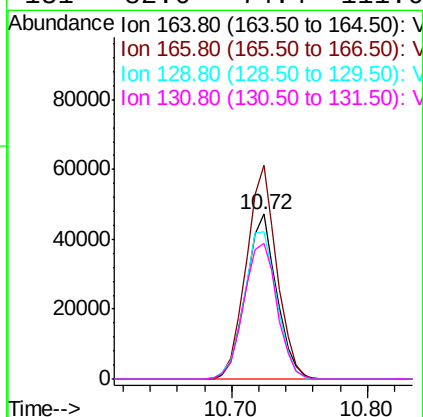
Manual Integrations  
APPROVED

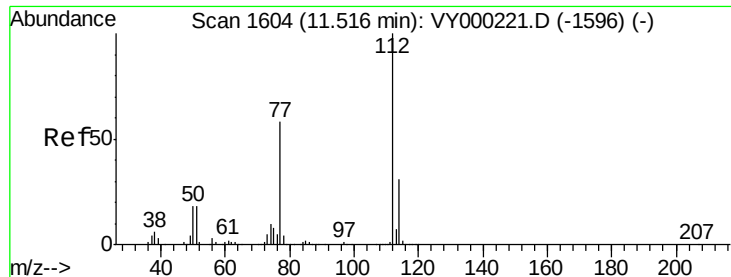
MMDadoda  
10/14/2019 1:33:17 PM



#64  
Tetrachloroethene  
Concen: 19.837 ug/l  
RT: 10.72 min Scan# 1474  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.6 | 100.3 | 150.5 |
| 129     | 89.3  | 72.4  | 108.6 |
| 131     | 82.6  | 74.4  | 111.6 |





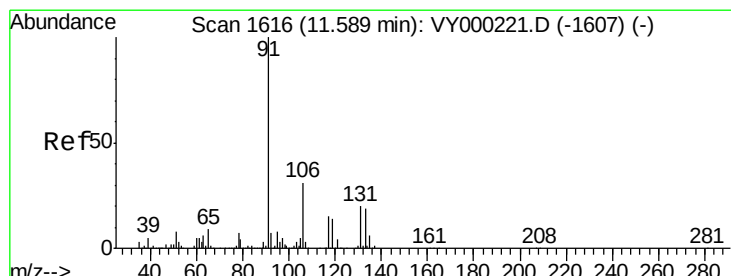
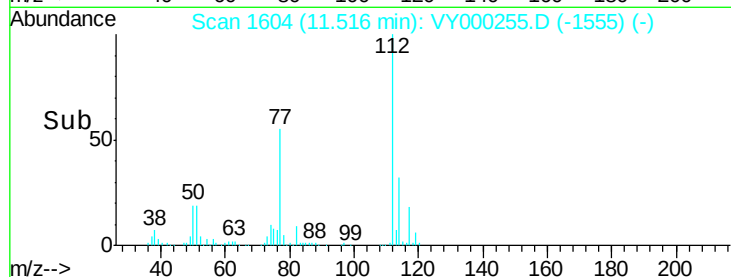
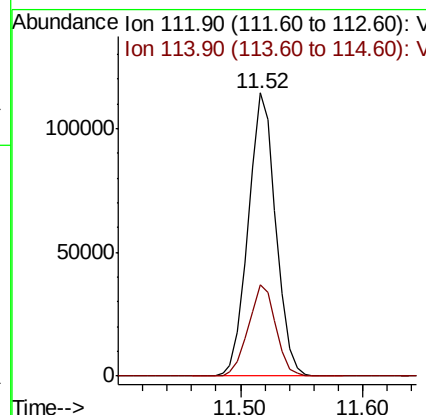
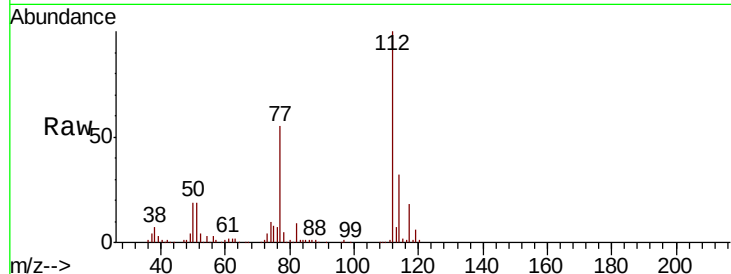
#65  
Chlorobenzene  
Concen: 18.665 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 178337 |       |       |
| 114     | 32.1  | 25.0   | 37.4  |       |

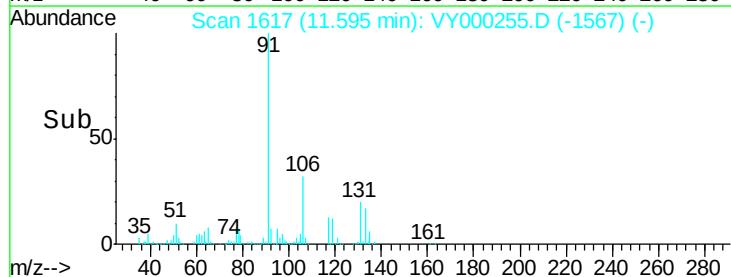
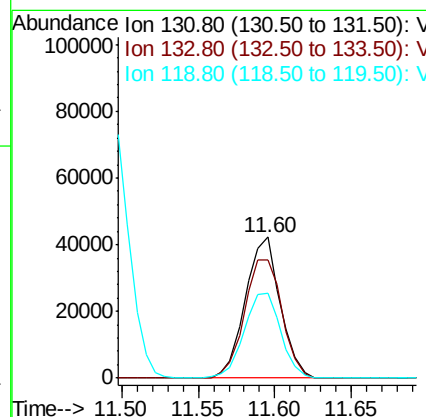
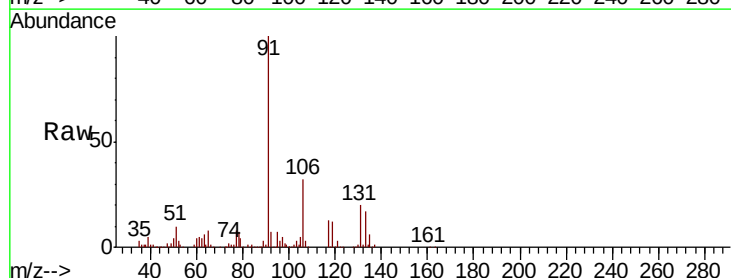
Manual Integrations  
APPROVED

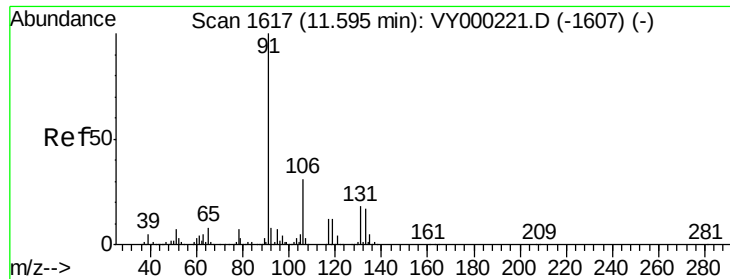
MMDadoda  
10/14/2019 1:33:17 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.529 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 66707 |       |       |
| 133     | 91.0  | 47.0  | 141.2 |       |
| 119     | 63.3  | 33.3  | 99.8  |       |





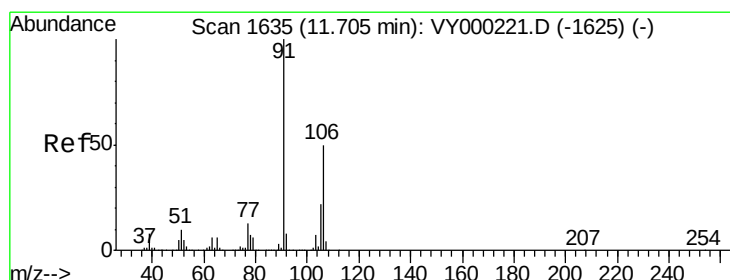
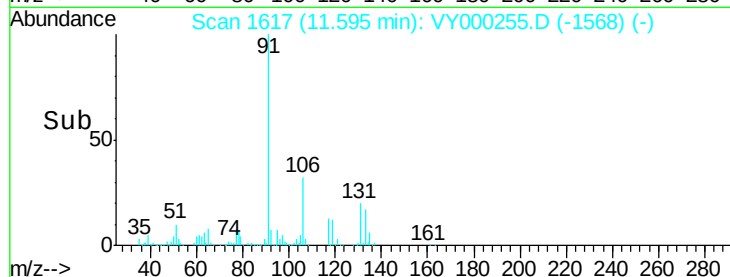
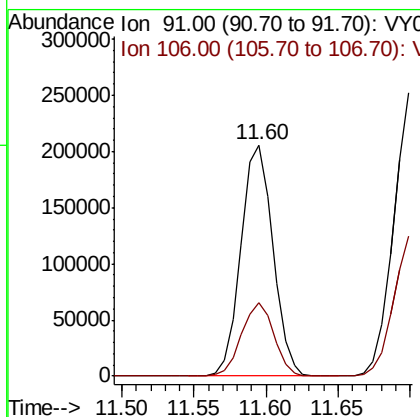
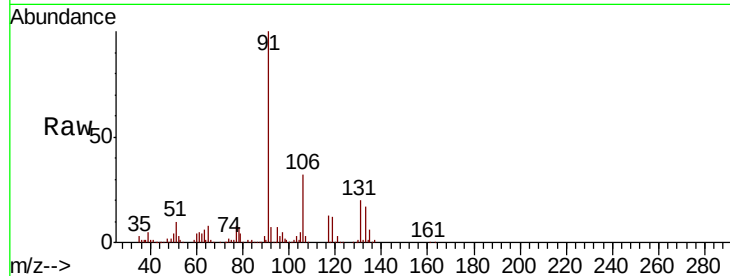
#67  
Ethyl Benzene  
Concen: 18.585 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

Tot Ion: 91 Resp: 317430  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.2 37.8

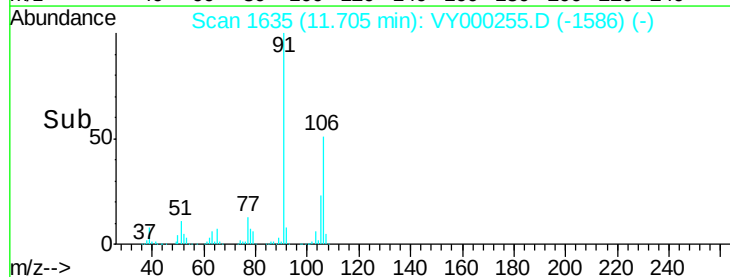
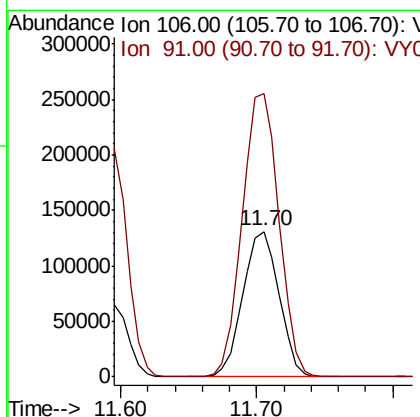
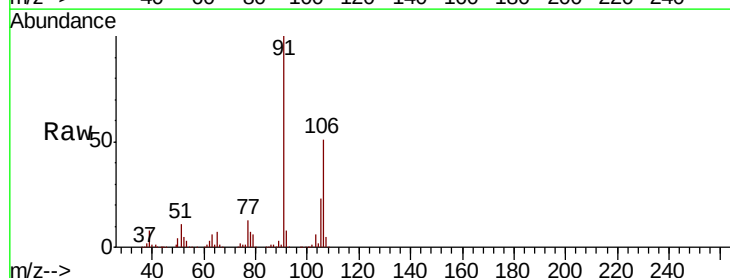
Manual Integrations  
APPROVED

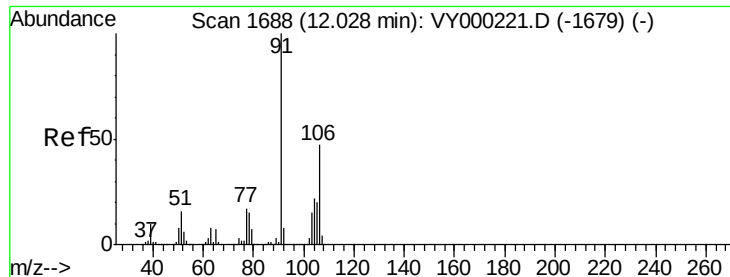
MMDadoda  
10/14/2019 1:33:17 PM



#68  
m/p-Xylenes  
Concen: 37.532 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Tgt Ion: 106 Resp: 244597  
Ion Ratio Lower Upper  
106 100  
91 197.6 159.9 239.9





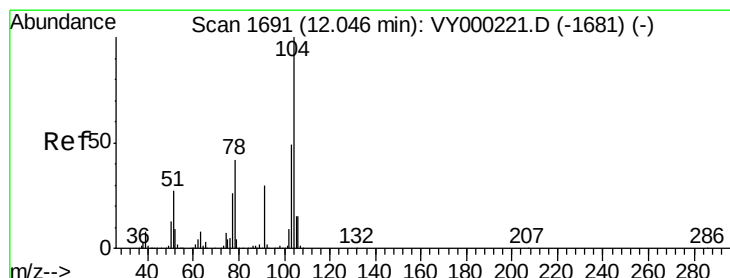
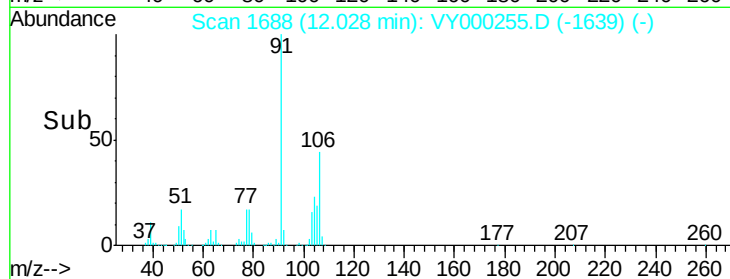
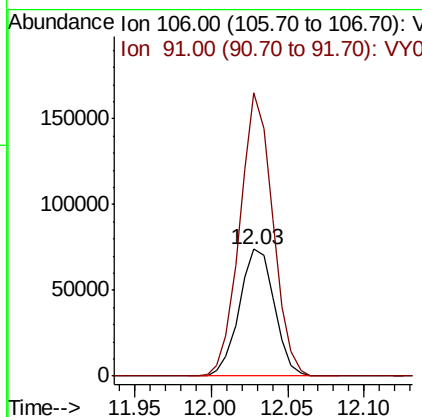
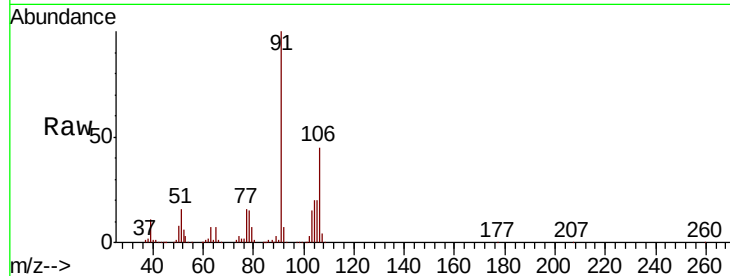
#69  
o-Xylene  
Concen: 18.706 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 210.3 | 106.1 | 318.1 |       |       |

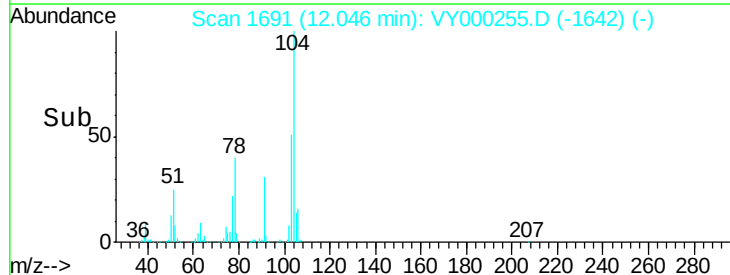
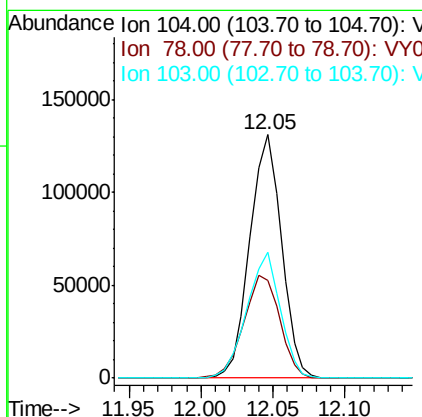
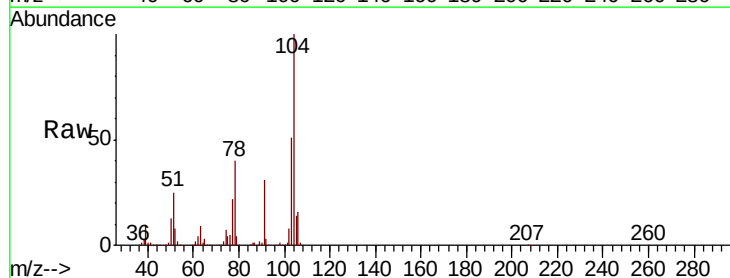
Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM

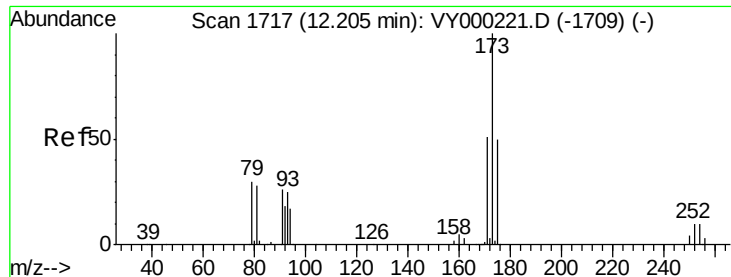


#70  
Styrene  
Concen: 18.522 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 47.7 | 39.0  | 58.4 |       |       |
| 103     | 54.4 | 43.1  | 64.7 |       |       |







#71

Bromoform

Concen: 18.663 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion:173 Resp: 52602

Ion Ratio Lower Upper

173 100

175 49.4 24.8 74.3

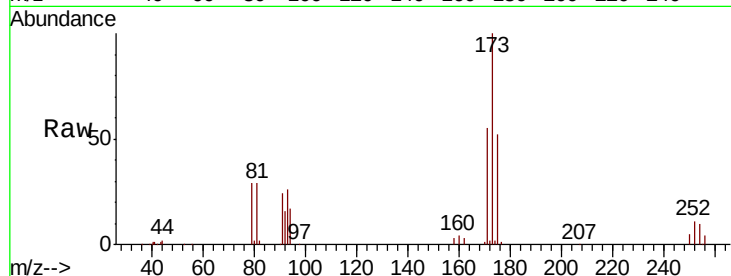
254 0.1 0.1 0.1

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:33:17 PM

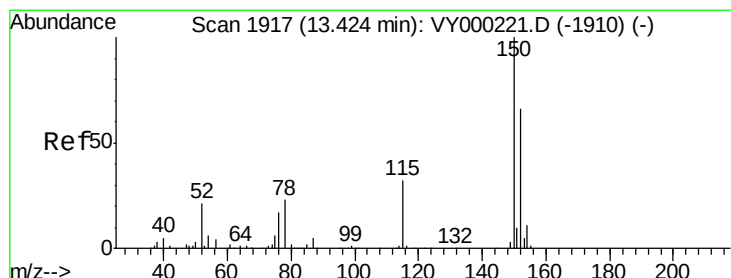
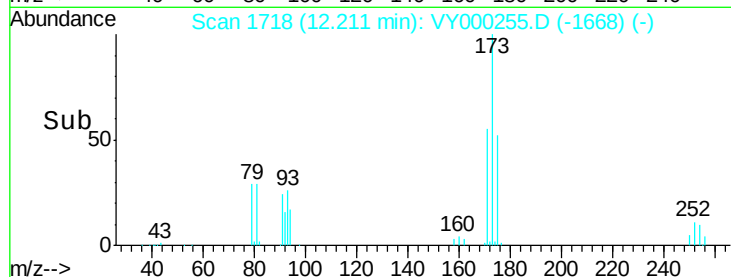
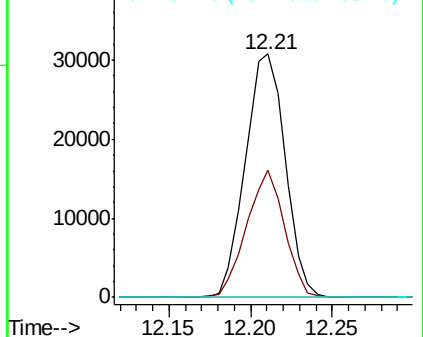


Abundance

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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

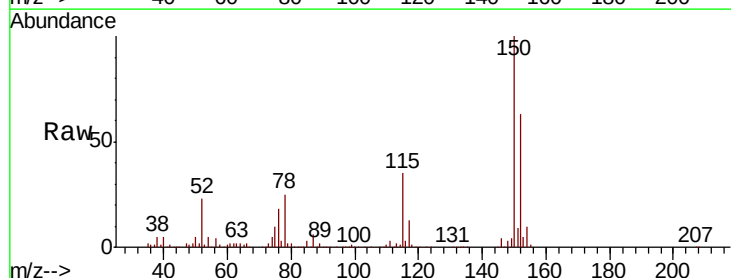
Tgt Ion:152 Resp: 197807

Ion Ratio Lower Upper

152 100

115 57.7 29.3 88.0

150 160.5 0.0 349.6

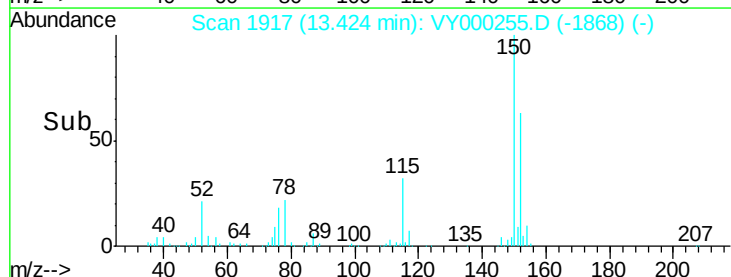
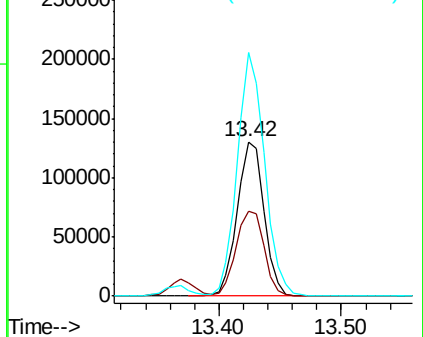


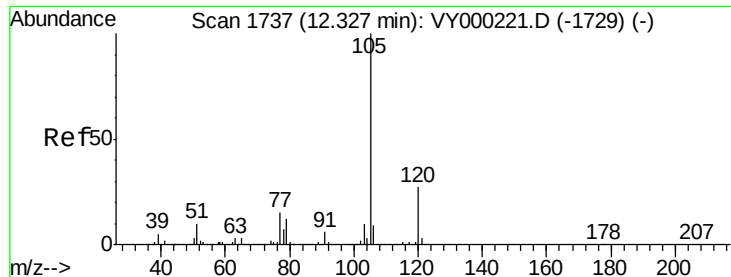
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





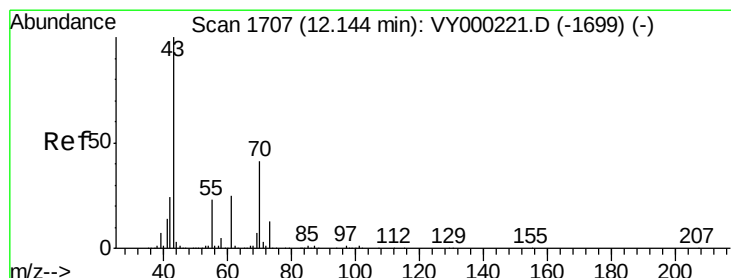
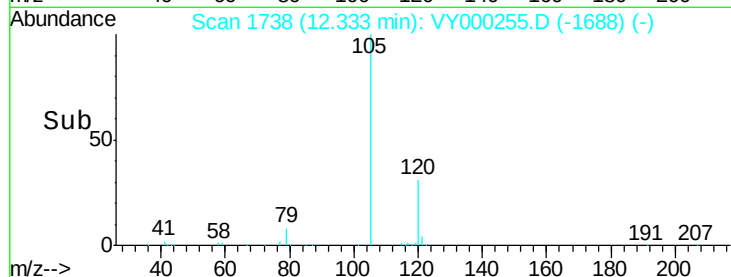
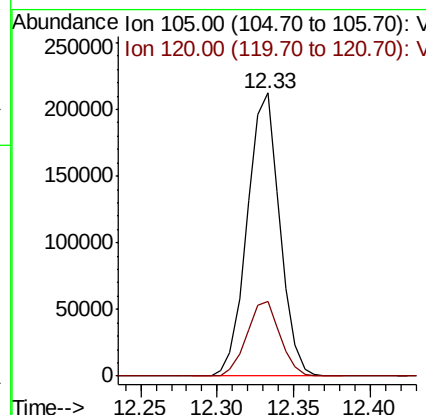
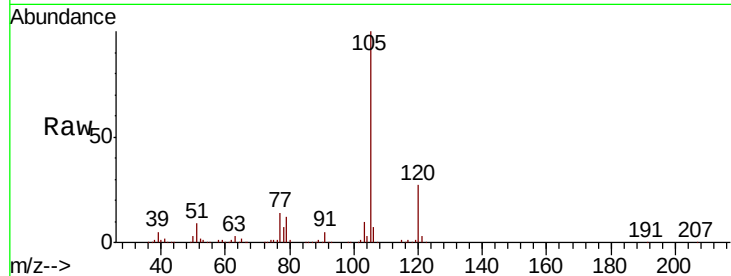
#73  
Isopropylbenzene  
Concen: 18.622 ug/l  
RT: 12.33 min Scan# 1738  
Delta R.T. 0.01 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.1  | 13.6  | 40.8  |

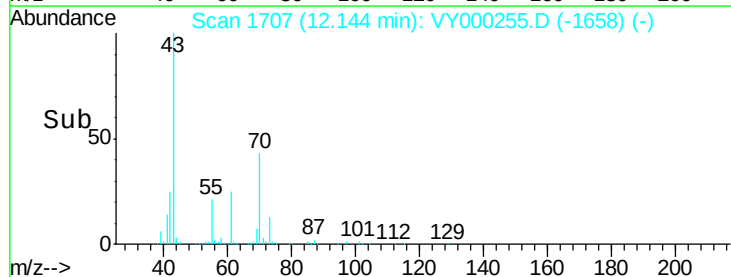
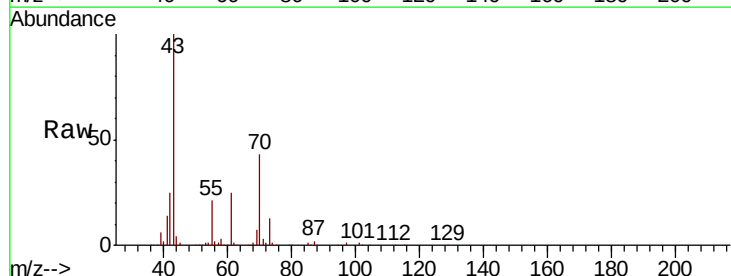
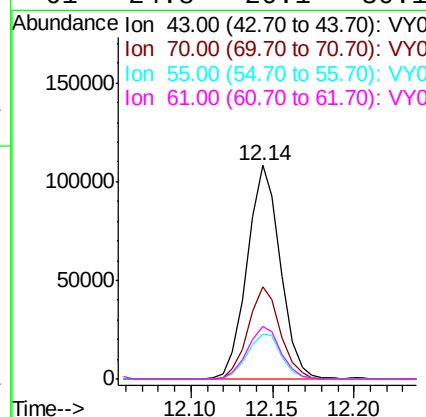
Manual Integrations  
APPROVED

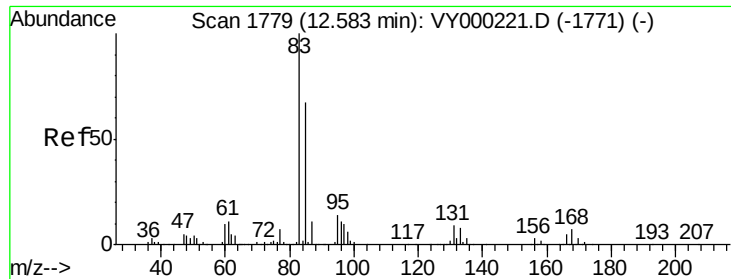
MMDadoda  
10/14/2019 1:33:17 PM



#74  
N-ethyl acetate  
Concen: 17.395 ug/l  
RT: 12.14 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 42.2  | 34.9  | 52.3  |
| 55      | 22.0  | 18.2  | 27.2  |
| 61      | 24.8  | 20.1  | 30.1  |





#75

1,1,2,2-Tetrachloroethane

Concen: 18.343 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

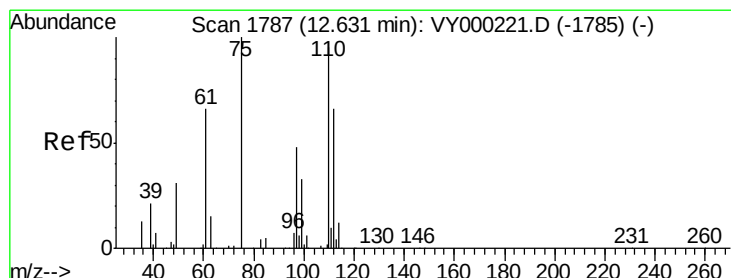
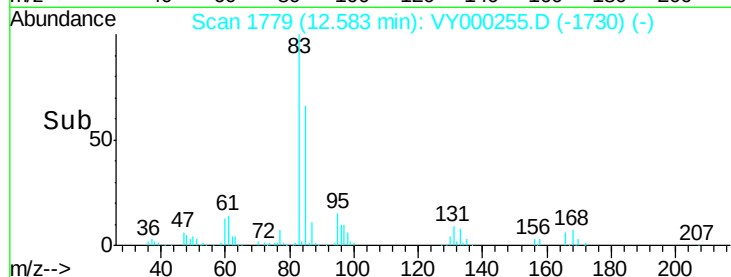
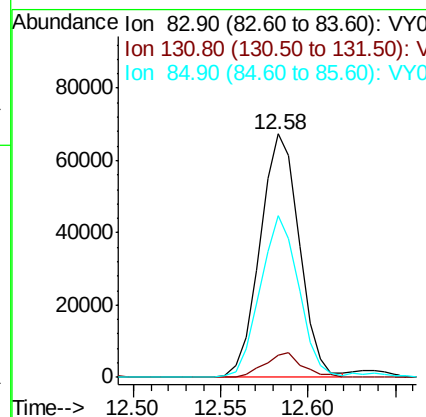
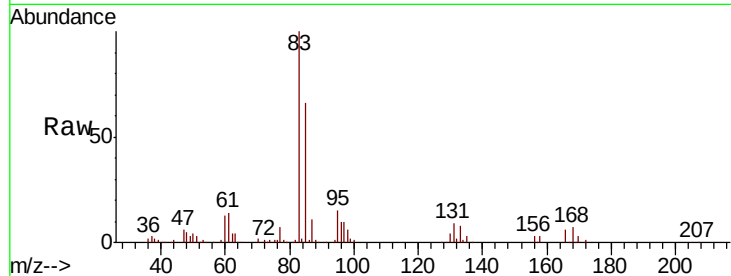
ClientSampleId :

VY1010WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 104931 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.9   | 4.8   | 14.3   |
| 85        | 65.0  | 32.5  | 97.5   |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#76

1,2,3-Trichloropropane

Concen: 19.093 ug/l m

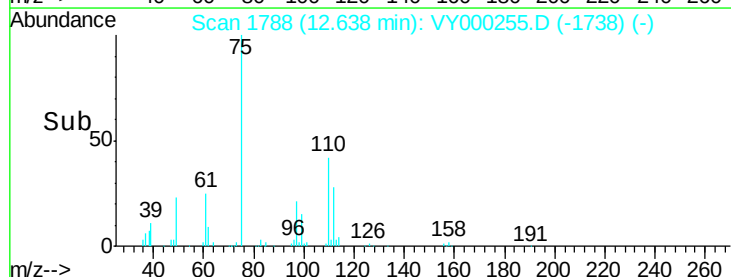
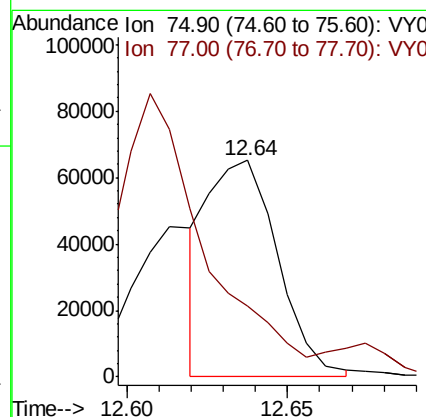
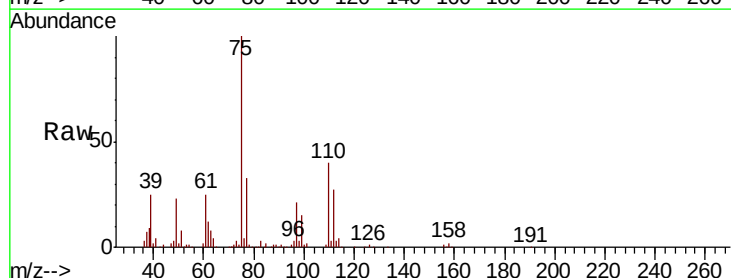
RT: 12.64 min Scan# 1788

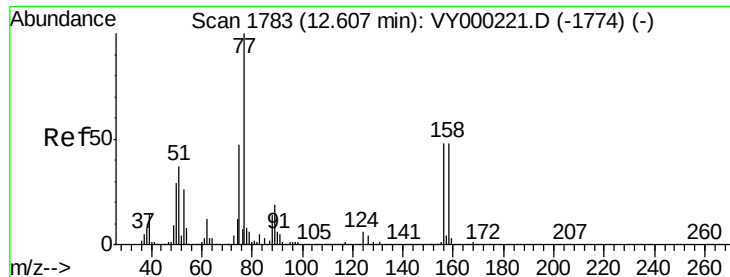
Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 99713 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 18.472 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion:156 Resp: 72606

Ion Ratio Lower Upper

156 100

77 227.7 118.1 354.3

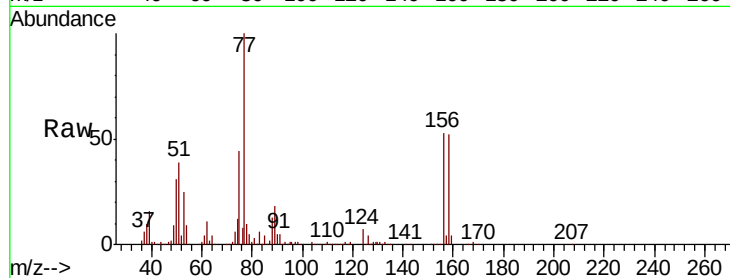
158 98.5 47.8 143.3

Manual Integrations

APPROVED

MMDadoda

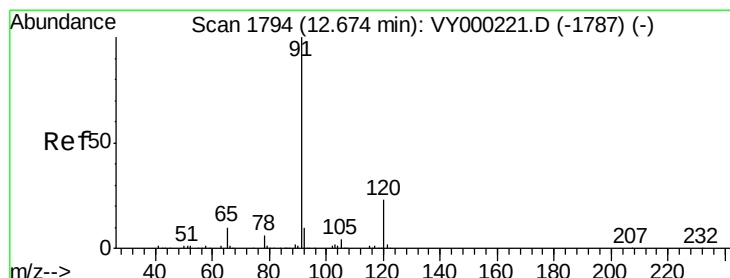
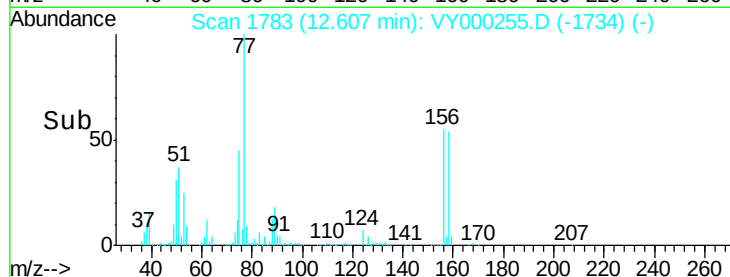
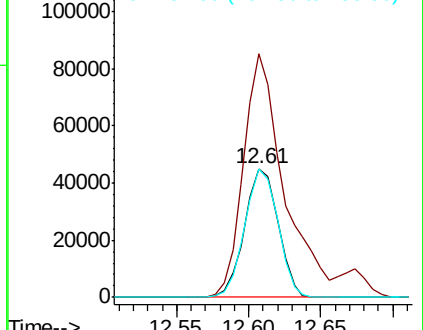
10/14/2019 1:33:17 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.428 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000255.D

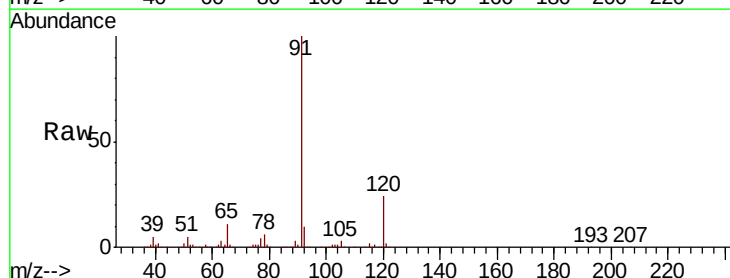
Acq: 10 Oct 2019 16:00

Tgt Ion: 91 Resp: 360795

Ion Ratio Lower Upper

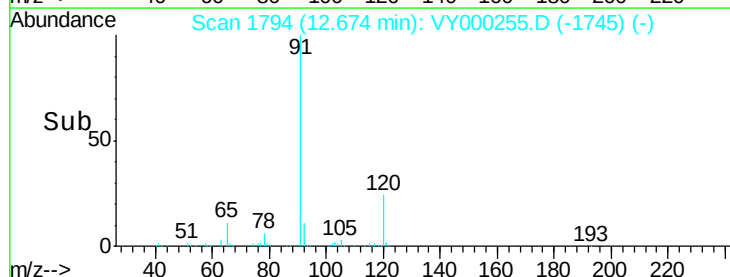
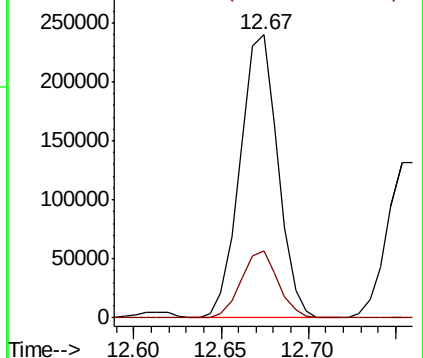
91 100

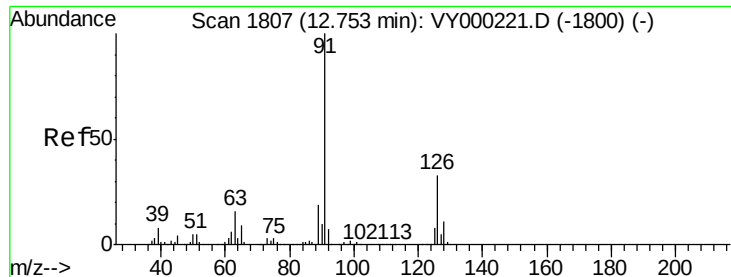
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.620 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion: 91 Resp: 209886

Ion Ratio Lower Upper

91 100

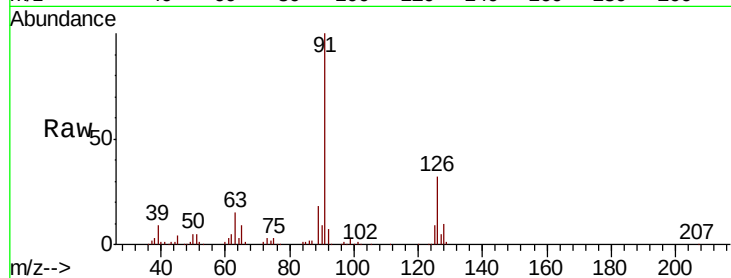
126 34.1 17.2 51.6

Manual Integrations

APPROVED

MMDadoda

10/14/2019 1:33:17 PM

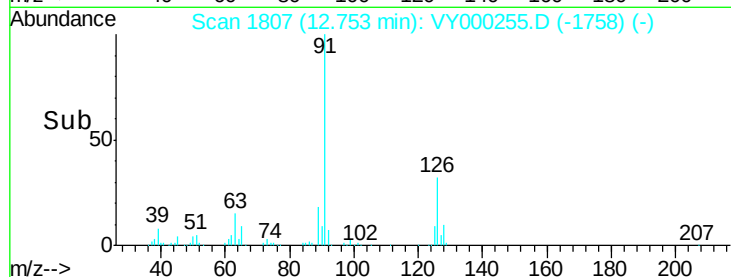


Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)

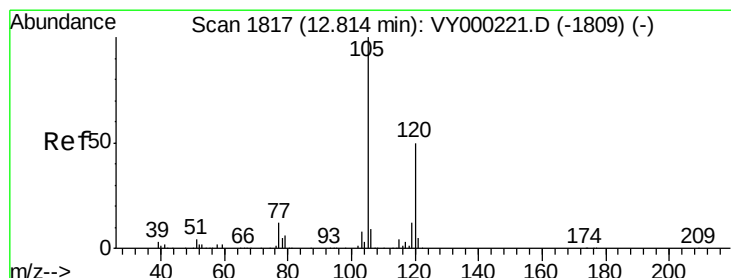
Ion 125.90 (125.60 to 126.60): VY000221.D (-1800) (-)

12.75

12.80



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.741 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000255.D

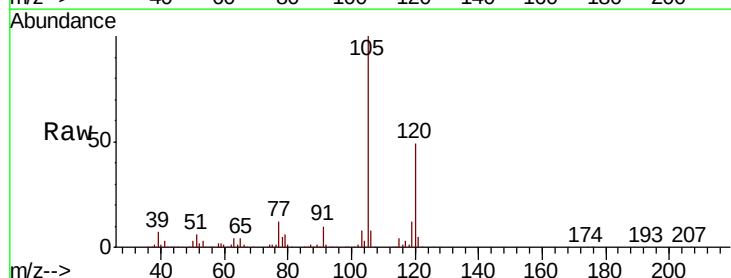
Acq: 10 Oct 2019 16:00

Tgt Ion: 105 Resp: 262115

Ion Ratio Lower Upper

105 100

120 50.8 24.8 74.4

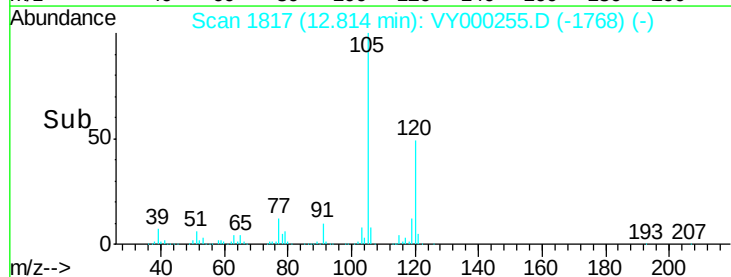


Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)

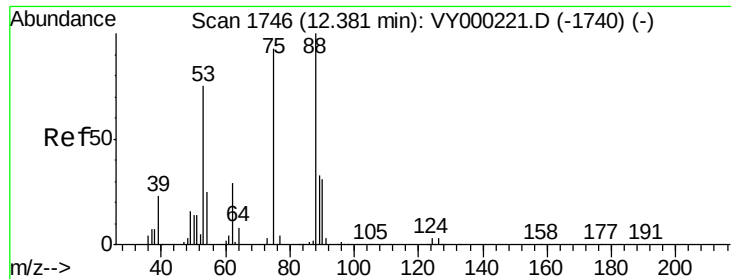
Ion 120.00 (119.70 to 120.70): VY000221.D (-1809) (-)

12.81

12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 16.297 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

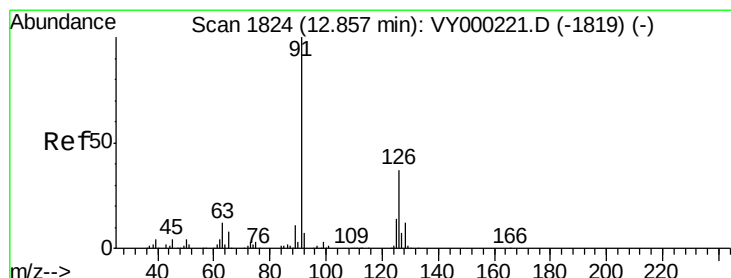
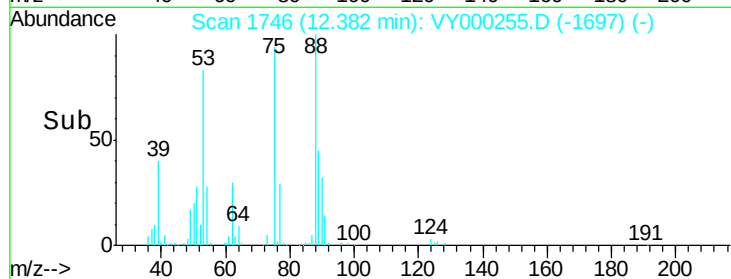
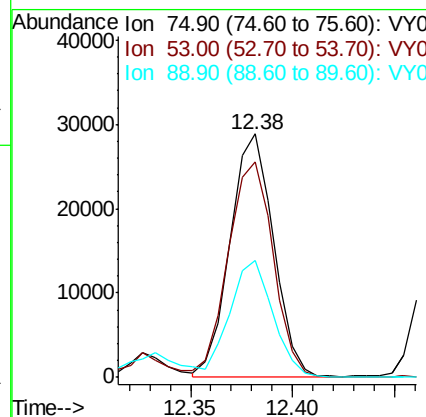
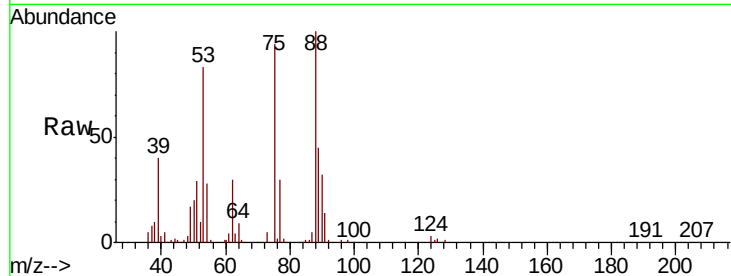
ClientSampleId :

VY1010WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 42335 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 92.4  | 66.5  | 99.7  |
| 89       | 47.7  | 46.9  | 70.3  |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#82

4-Chlorotoluene

Concen: 18.771 ug/l

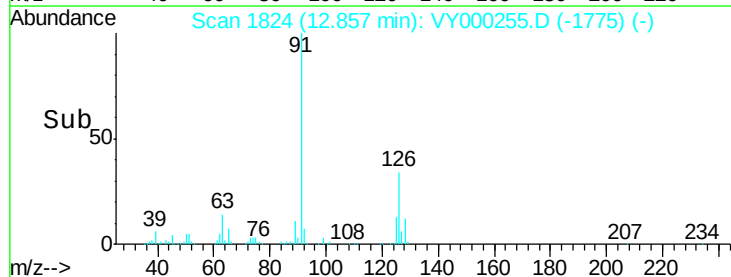
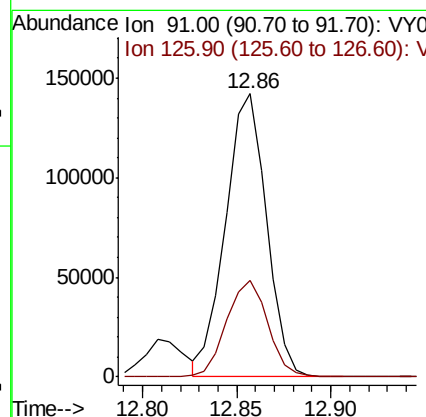
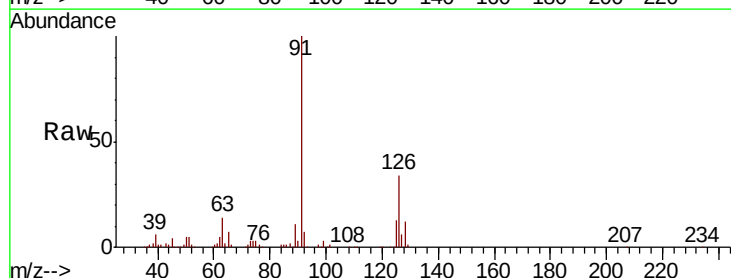
RT: 12.86 min Scan# 1824

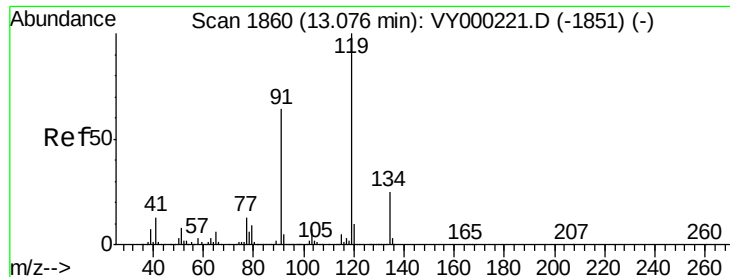
Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 214312 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 34.3  | 17.3  | 52.0   |





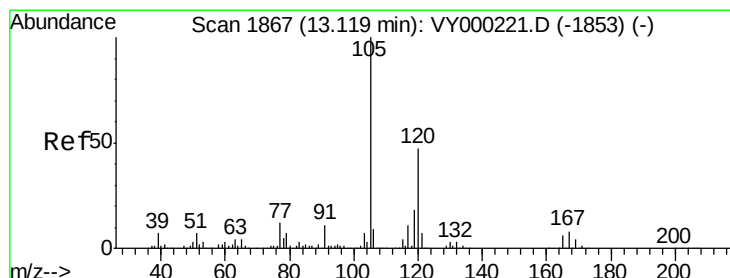
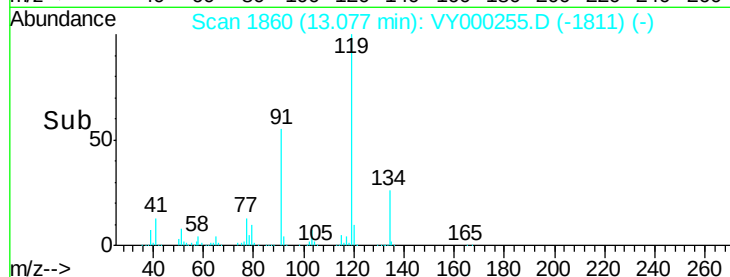
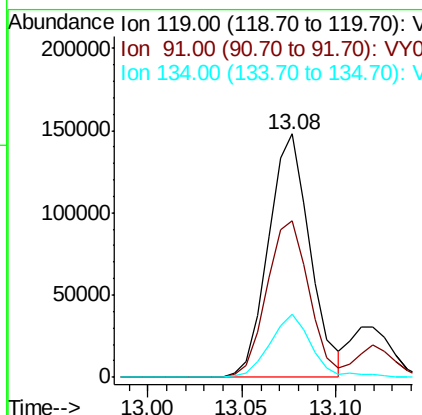
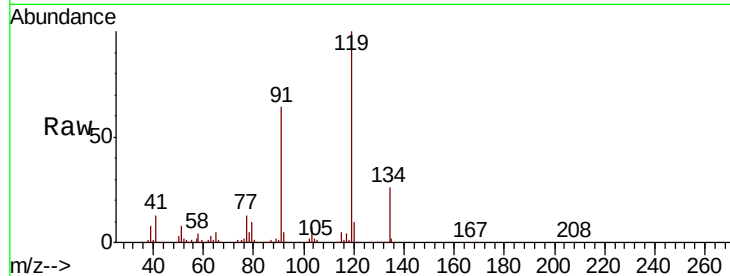
#83  
 tert-Butylbenzene  
 Concen: 18.649 ug/l  
 RT: 13.08 min Scan# 1860  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 65.5  | 32.4  | 97.2  |
| 134     | 26.5  | 13.2  | 39.6  |

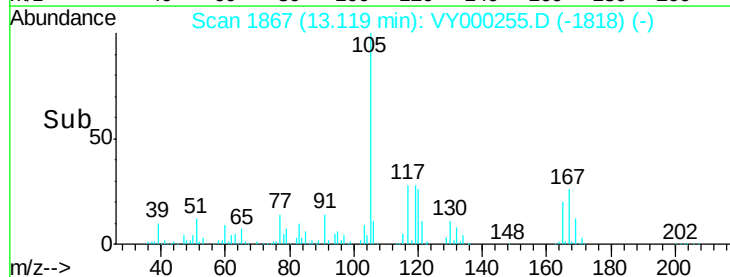
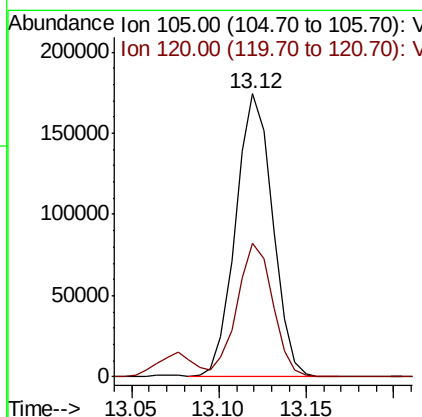
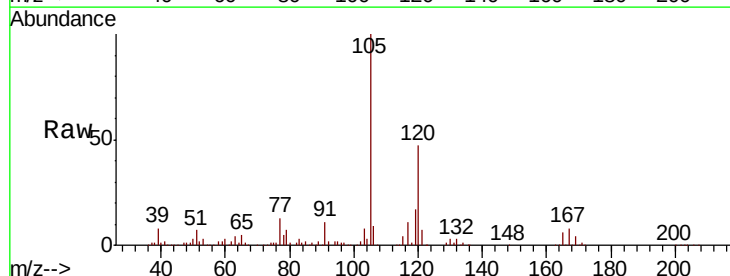
Manual Integrations  
 APPROVED

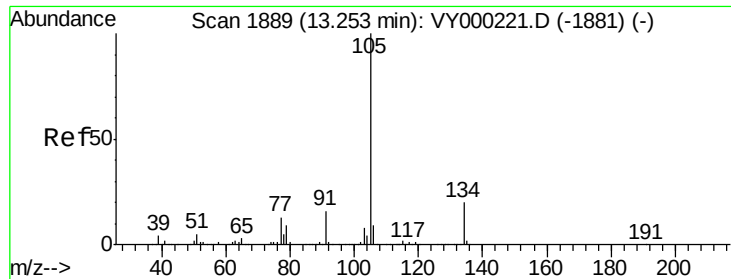
MMDadoda  
 10/14/2019 1:33:17 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.394 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.7  | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 18.463 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

ClientSampleId :

VY1010WBSD01

Tot Ion:105 Resp: 309358

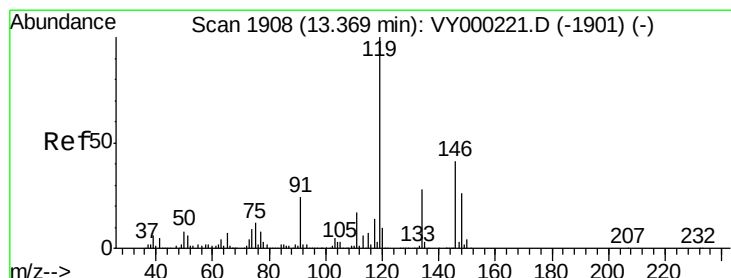
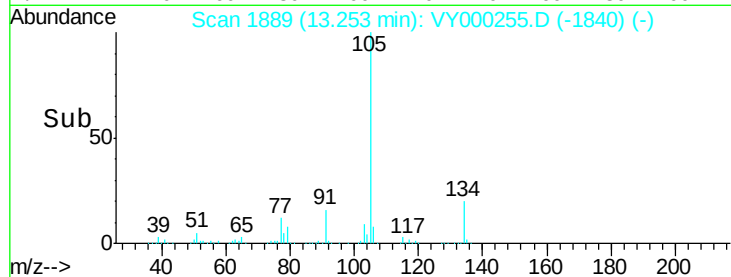
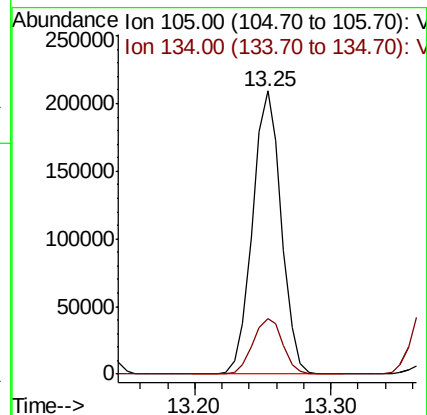
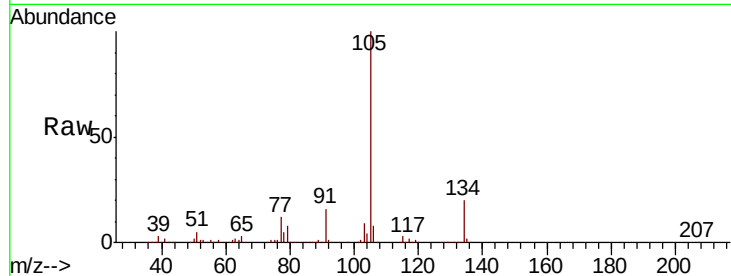
Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#86

p-Isopropyltoluene

Concen: 18.761 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

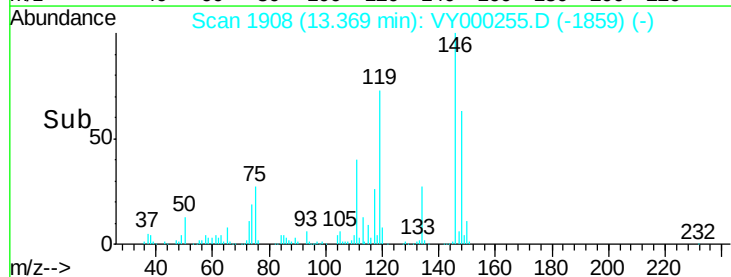
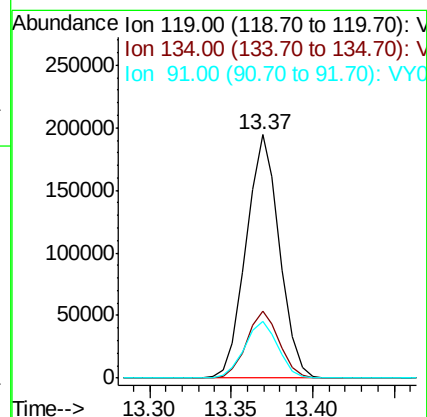
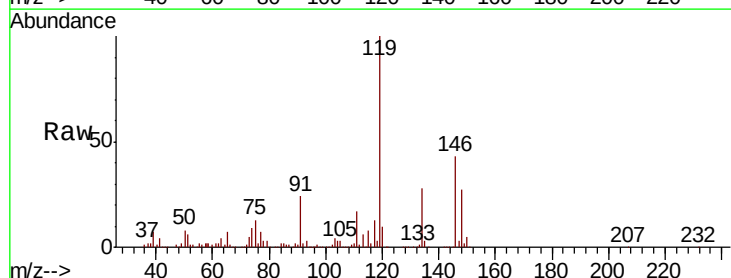
Tgt Ion:119 Resp: 276438

Ion Ratio Lower Upper

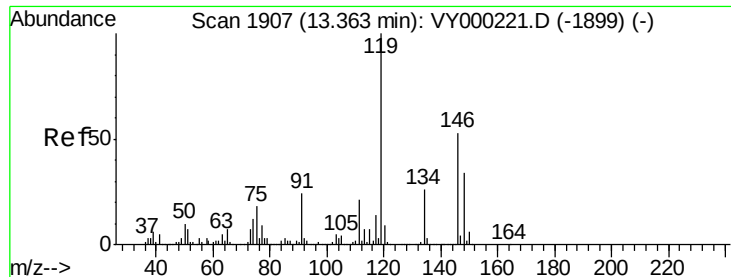
119 100

134 27.1 13.3 39.9

91 23.2 11.7 35.1







#87

1,3-Dichlorobenzene

Concen: 19.237 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

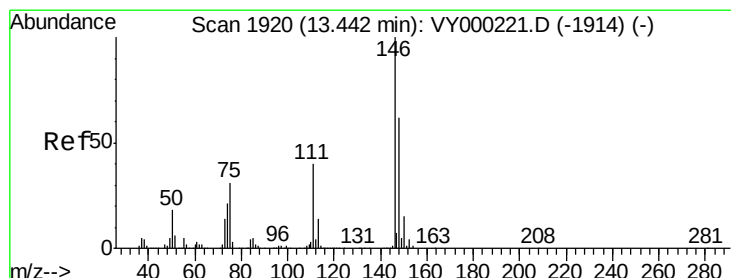
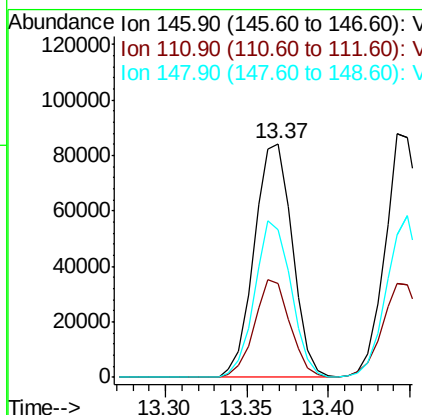
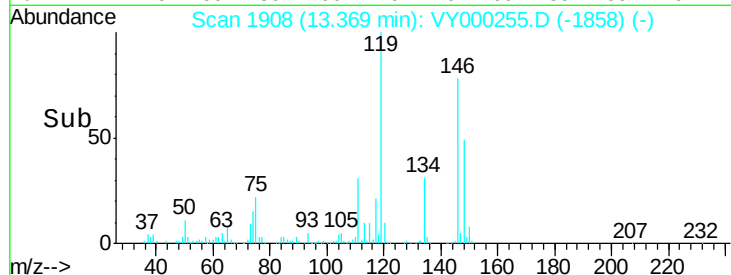
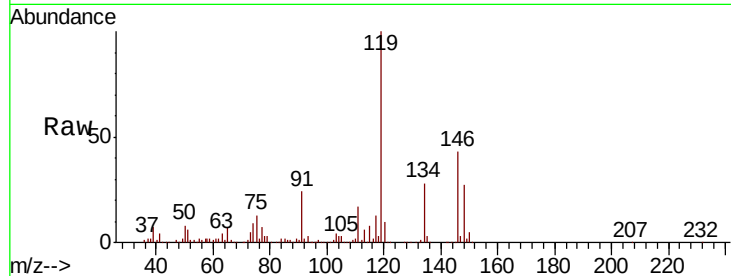
ClientSampleId :

VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.2  | 20.3  | 60.8  |
| 148     | 64.0  | 31.7  | 95.1  |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#88

1,4-Dichlorobenzene

Concen: 18.503 ug/l

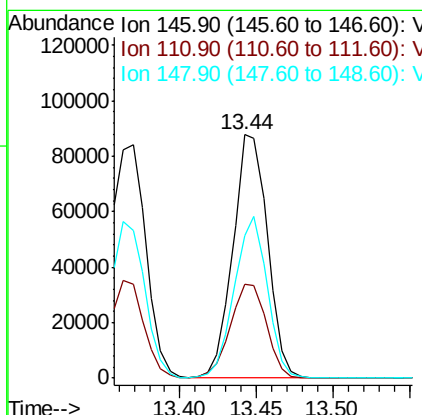
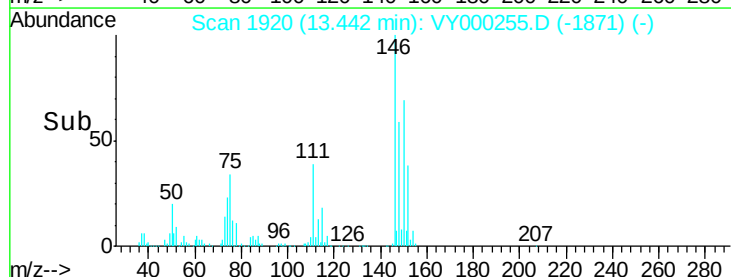
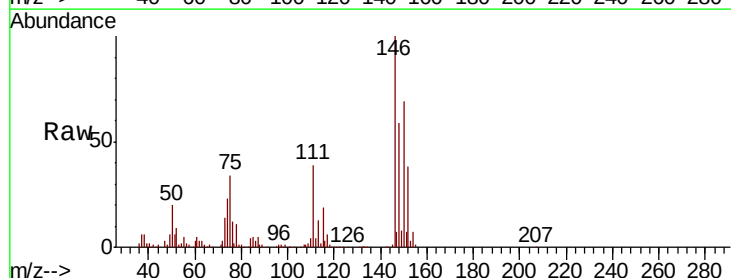
RT: 13.44 min Scan# 1920

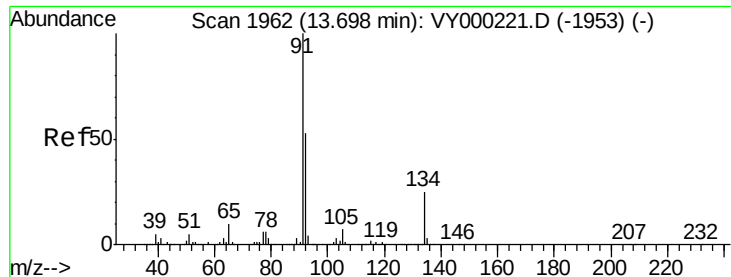
Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 19.8  | 59.3  |
| 148     | 63.3  | 31.6  | 94.8  |





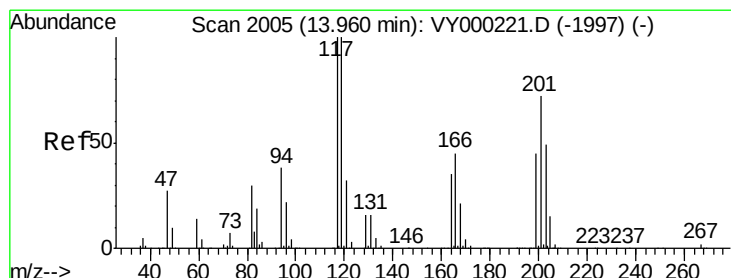
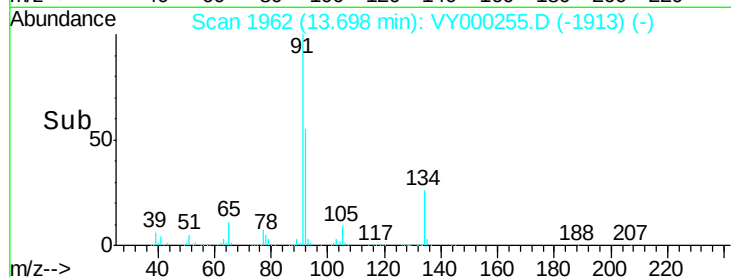
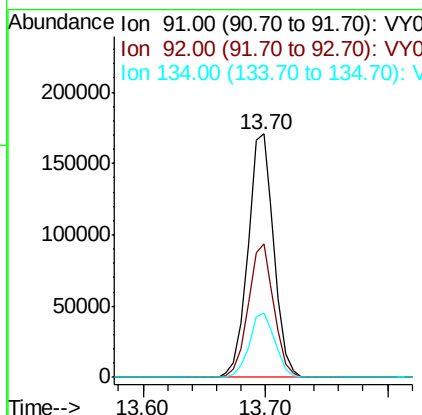
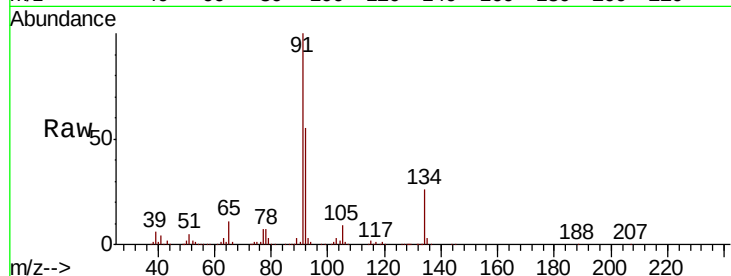
#89  
n-Butylbenzene  
Concen: 17.977 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.3  | 27.0  | 80.8  |
| 134     | 26.3  | 12.8  | 38.4  |

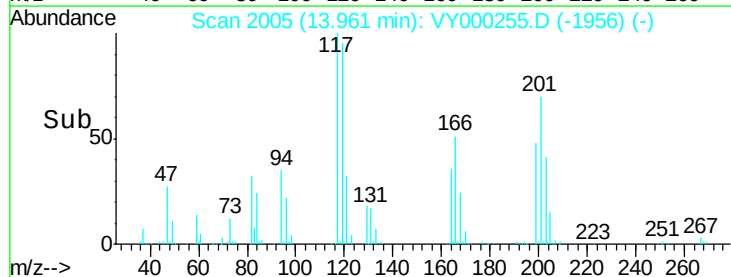
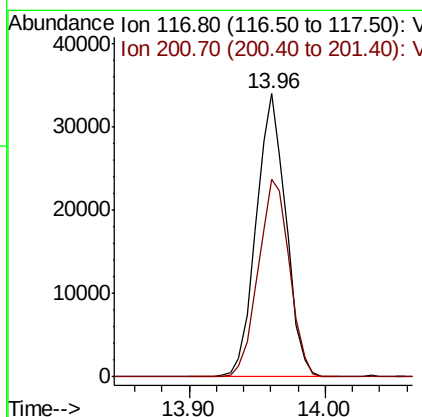
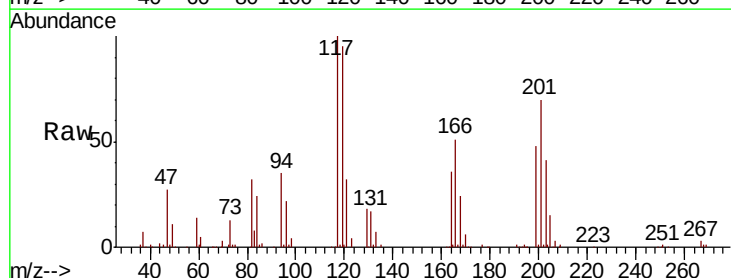
Manual Integrations  
APPROVED

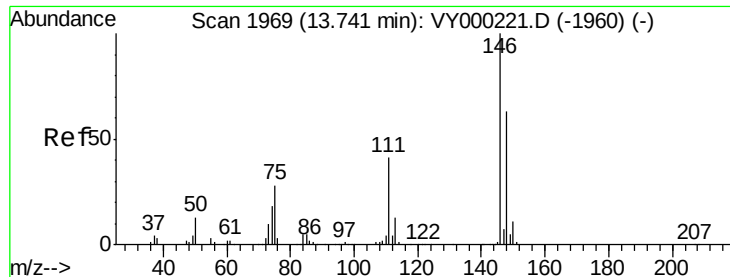
MMDadoda  
10/14/2019 1:33:17 PM



#90  
Hexachloroethane  
Concen: 18.752 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 73.2  | 35.5  | 106.5 |





#91

1,2-Dichlorobenzene

Concen: 18.879 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

Instrument :

MSVOA\_Y

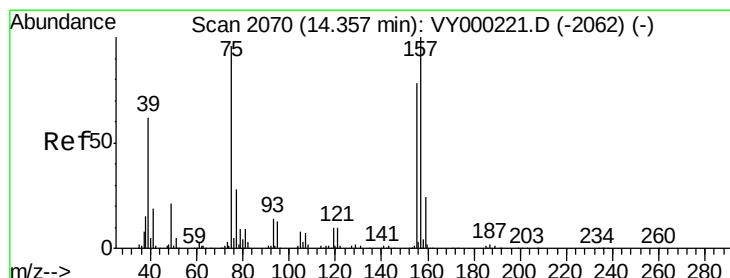
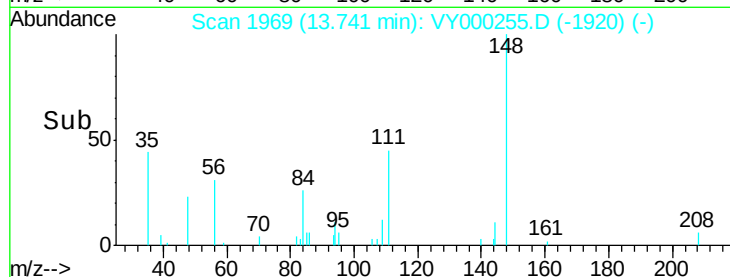
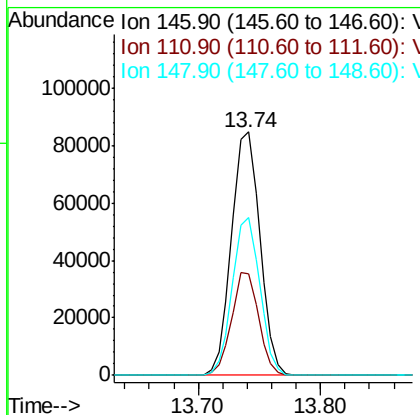
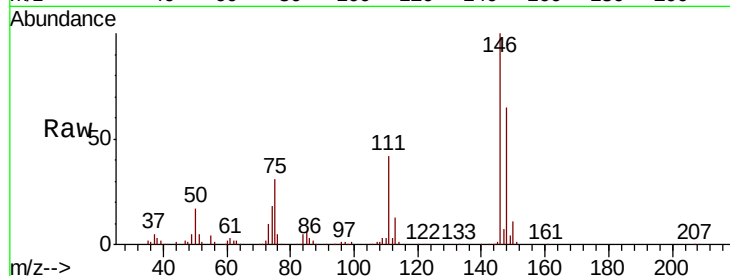
ClientSampleId :

VY1010WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 136125 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.2  | 20.9  | 62.8   |
| 148       | 62.9  | 31.6  | 95.0   |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.702 ug/l

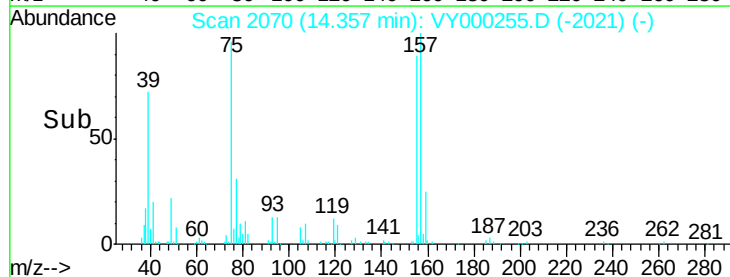
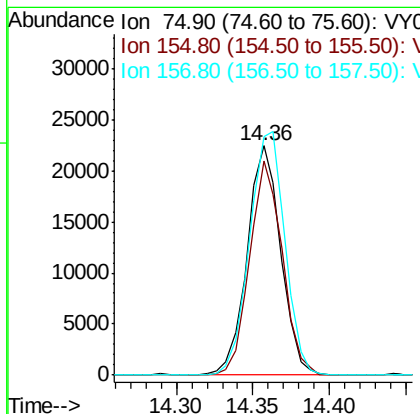
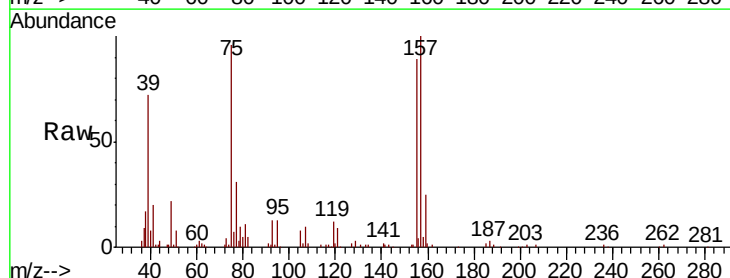
RT: 14.36 min Scan# 2070

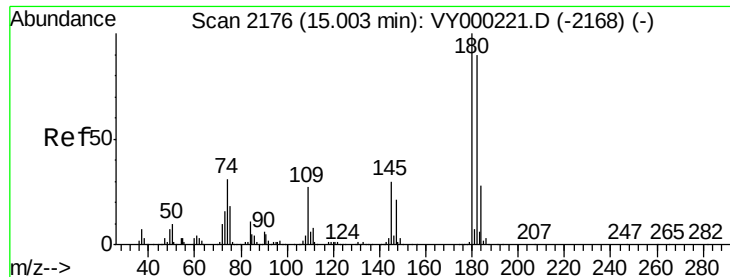
Delta R.T. 0.00 min

Lab File: VY000255.D

Acq: 10 Oct 2019 16:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 34284 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 90.7  | 42.4  | 127.3 |
| 157       | 111.9 | 53.8  | 161.5 |





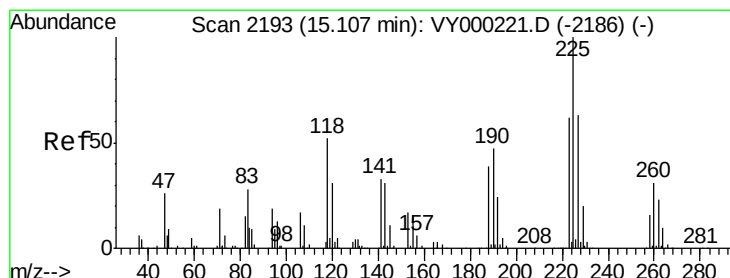
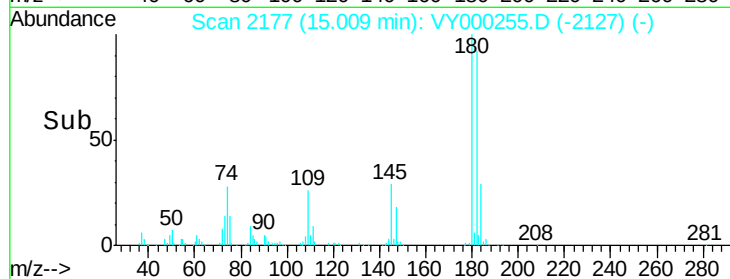
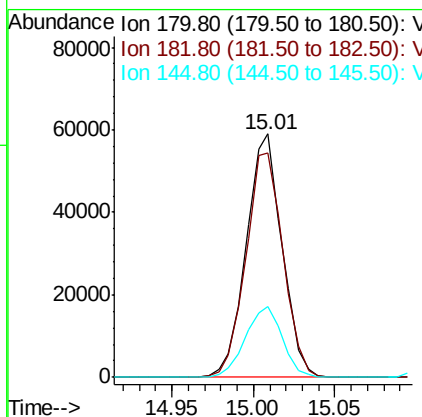
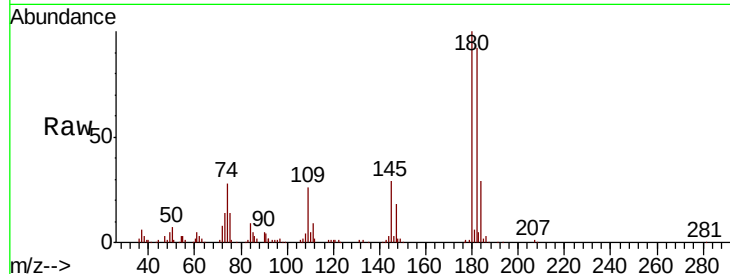
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.326 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. 0.01 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1010WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 95.9  | 47.2 | 141.6 |       |
| 145     | 30.1  | 15.3 | 45.8  |       |

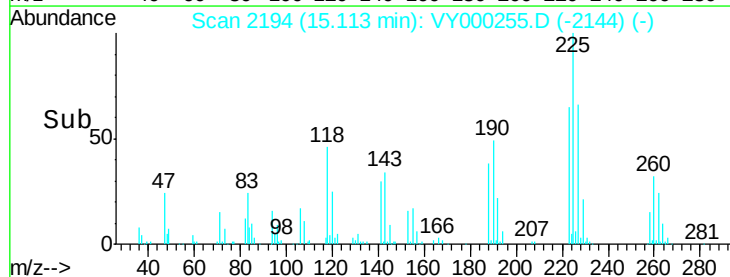
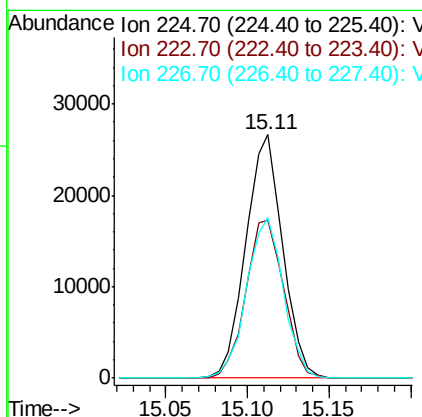
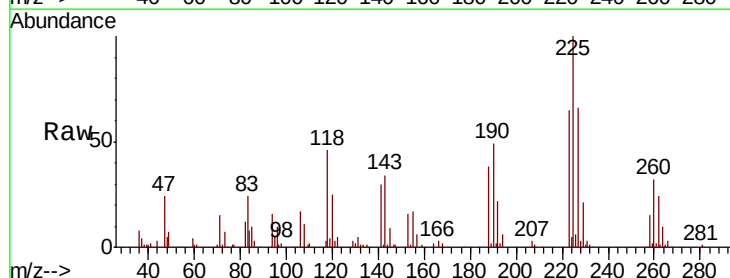
Manual Integrations  
 APPROVED

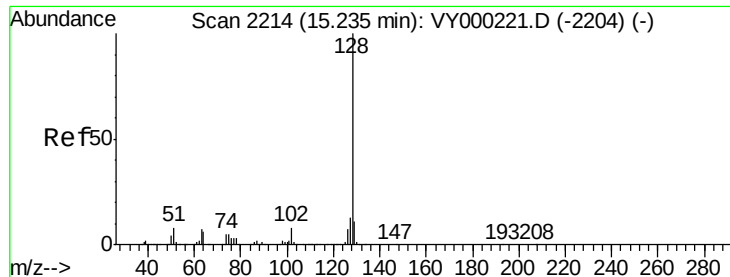
MMDadoda  
 10/14/2019 1:33:17 PM



#94  
 Hexachlorobutadiene  
 Concen: 17.873 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. 0.01 min  
 Lab File: VY000255.D  
 Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 67.0  | 31.9 | 95.5  |       |
| 227     | 65.9  | 31.5 | 94.5  |       |





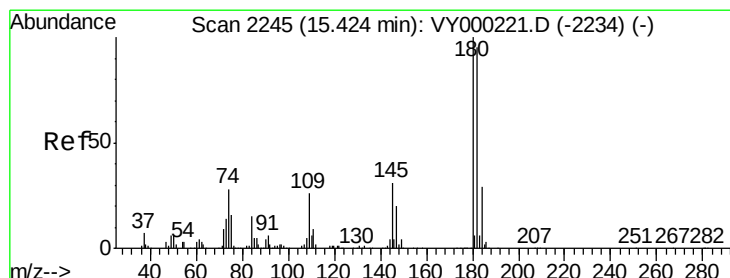
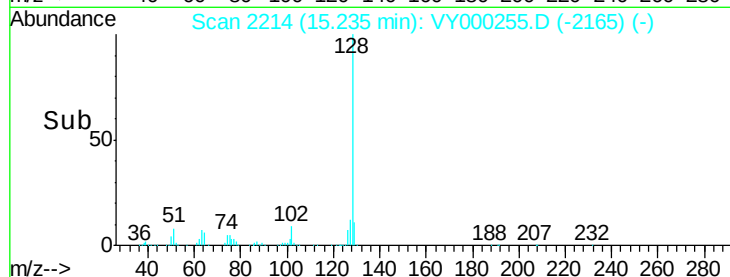
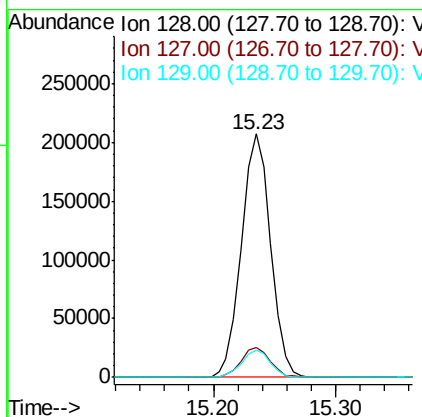
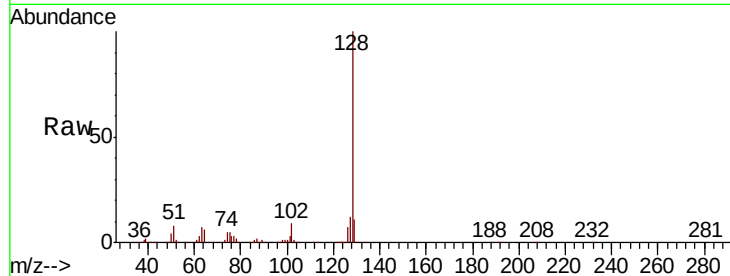
#95  
Naphthalene  
Concen: 18.541 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1010WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.5  | 10.2  | 15.2  |
| 129     | 11.0  | 8.6   | 13.0  |

Manual Integrations  
APPROVED

MMDadoda  
10/14/2019 1:33:17 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 19.031 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. 0.00 min  
Lab File: VY000255.D  
Acq: 10 Oct 2019 16:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 47.9  | 143.7 |
| 145     | 30.9  | 16.3  | 48.9  |

