

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\  
 Data File : VY003483.D  
 Acq On : 03 Nov 2020 11:48  
 Operator : SY/MD  
 Sample : VY1103SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/4/2020 11:57:39 AM

Quant Time: Nov 04 00:36:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y110220S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 02 12:40:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 242225   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 350764   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 317144   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 165534   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 121570   | 48.96 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.92% |      |
| 35) Dibromofluoromethane  | 7.73   | 113 | 104538   | 48.98 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.96% |      |
| 50) Toluene-d8            | 10.18  | 98  | 428177   | 48.22 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.44% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 141424   | 48.07 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.14% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 41585  | 21.698  | ug/l | 99     |
| 3) Chloromethane              | 2.12 | 50  | 54084  | 21.436  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.26 | 62  | 60137  | 21.234  | ug/l | 97     |
| 5) Bromomethane               | 2.65 | 94  | 46017  | 19.447  | ug/l | 98     |
| 6) Chloroethane               | 2.80 | 64  | 35170  | 20.835  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 75709  | 21.060  | ug/l | 100    |
| 8) Diethyl Ether              | 3.54 | 74  | 23913  | 21.692  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 42505  | 21.393  | ug/l | 99     |
| 10) Methyl Iodide             | 4.10 | 142 | 39658  | 22.260  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.97 | 59  | 26961  | 96.382  | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 40855  | 20.667  | ug/l | 97     |
| 13) Acrolein                  | 3.74 | 56  | 21820  | 105.880 | ug/l | 98     |
| 14) Allyl chloride            | 4.49 | 41  | 74982  | 20.790  | ug/l | 100    |
| 15) Acrylonitrile             | 5.18 | 53  | 58651  | 99.671  | ug/l | 99     |
| 16) Acetone                   | 3.96 | 43  | 74866  | 91.391  | ug/l | 96     |
| 17) Carbon Disulfide          | 4.21 | 76  | 134502 | 21.002  | ug/l | 99     |
| 18) Methyl Acetate            | 4.49 | 43  | 30824  | 19.911  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 104555 | 21.354  | ug/l | 98     |
| 20) Methylene Chloride        | 4.73 | 84  | 49660  | 21.526  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 47361  | 20.690  | ug/l | 97     |
| 22) Diisopropyl ether         | 6.13 | 45  | 137382 | 21.717  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.08 | 43  | 501403 | 105.478 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.04 | 63  | 85442  | 21.255  | ug/l | 99     |
| 25) 2-Butanone                | 7.00 | 43  | 99201  | 96.823  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 79970  | 21.354  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 52837  | 21.302  | ug/l | 100    |
| 28) Bromochloromethane        | 7.35 | 49  | 41097  | 20.322  | ug/l | 96     |
| 29) Tetrahydrofuran           | 7.36 | 42  | 53495  | 99.922  | ug/l | 99     |
| 30) Chloroform                | 7.52 | 83  | 83849  | 21.237  | ug/l | 97     |
| 31) Cyclohexane               | 7.80 | 56  | 77631  | 20.857  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 77429  | 21.021  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.92 | 75  | 70371  | 21.279  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.09 | 43  | 41736  | 20.323  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 70021  | 20.409  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\  
 Data File : VY003483.D  
 Acq On : 03 Nov 2020 11:48  
 Operator : SY/MD  
 Sample : VY1103SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 11/4/2020 11:57:39 AM

Quant Time: Nov 04 00:36:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y110220S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 02 12:40:51 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 76276    | 20.713  | ug/l   | 98       |
| 40) Benzene                    | 8.17  | 78   | 190153   | 20.661  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.33  | 41   | 21087m   | 19.229  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 58698    | 20.355  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 74283    | 20.127  | ug/l   | 99       |
| 44) Trichloroethene            | 8.94  | 130  | 53165    | 20.577  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 48431    | 20.838  | ug/l   | 99       |
| 46) Dibromomethane             | 9.31  | 93   | 26224    | 20.508  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.50  | 83   | 65172    | 20.824  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 34123    | 19.627  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 6259     | 392.294 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 200427   | 101.926 | ug/l   | 99       |
| 52) Toluene                    | 10.25 | 92   | 118796   | 20.637  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 69037    | 20.728  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 77999    | 20.811  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 37642    | 20.738  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 48921    | 20.121  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 65604    | 20.785  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 131378   | 106.593 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.83 | 43   | 141089   | 96.907  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 45491    | 20.391  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 35372    | 20.185  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.72 | 164  | 49155    | 20.754  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.52 | 112  | 127827   | 20.747  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 48284    | 20.780  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.60 | 91   | 229605   | 20.551  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.70 | 106  | 174635   | 41.248  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 80986    | 20.795  | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 137032   | 20.723  | ug/l   | 99       |
| 71) Bromoform                  | 12.21 | 173  | 30848    | 19.918  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.33 | 105  | 224320   | 20.745  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 63267    | 20.656  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 46817    | 20.270  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 36186m   | 20.660  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 55802    | 20.311  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.67 | 91   | 268338   | 21.068  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 146972   | 20.654  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 186484   | 20.815  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 16739    | 19.947  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 156333   | 21.023  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 164316   | 20.679  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 187657   | 20.957  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.25 | 105  | 226204   | 21.025  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 206918   | 20.737  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 106336   | 20.777  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 105772   | 20.784  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 193872   | 21.273  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 35415    | 21.089  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 93953    | 20.665  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 8177     | 19.557  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\  
Data File : VY003483.D  
Acq On : 03 Nov 2020 11:48  
Operator : SY/MD  
Sample : VY1103SBS01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM

Quant Time: Nov 04 00:36:06 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y110220S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 02 12:40:51 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 67696    | 21.050 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 43957    | 21.248 | ug/l  | 99       |
| 95) Naphthalene            | 15.24 | 128  | 129015   | 20.034 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 61013    | 21.091 | ug/l  | 99       |

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

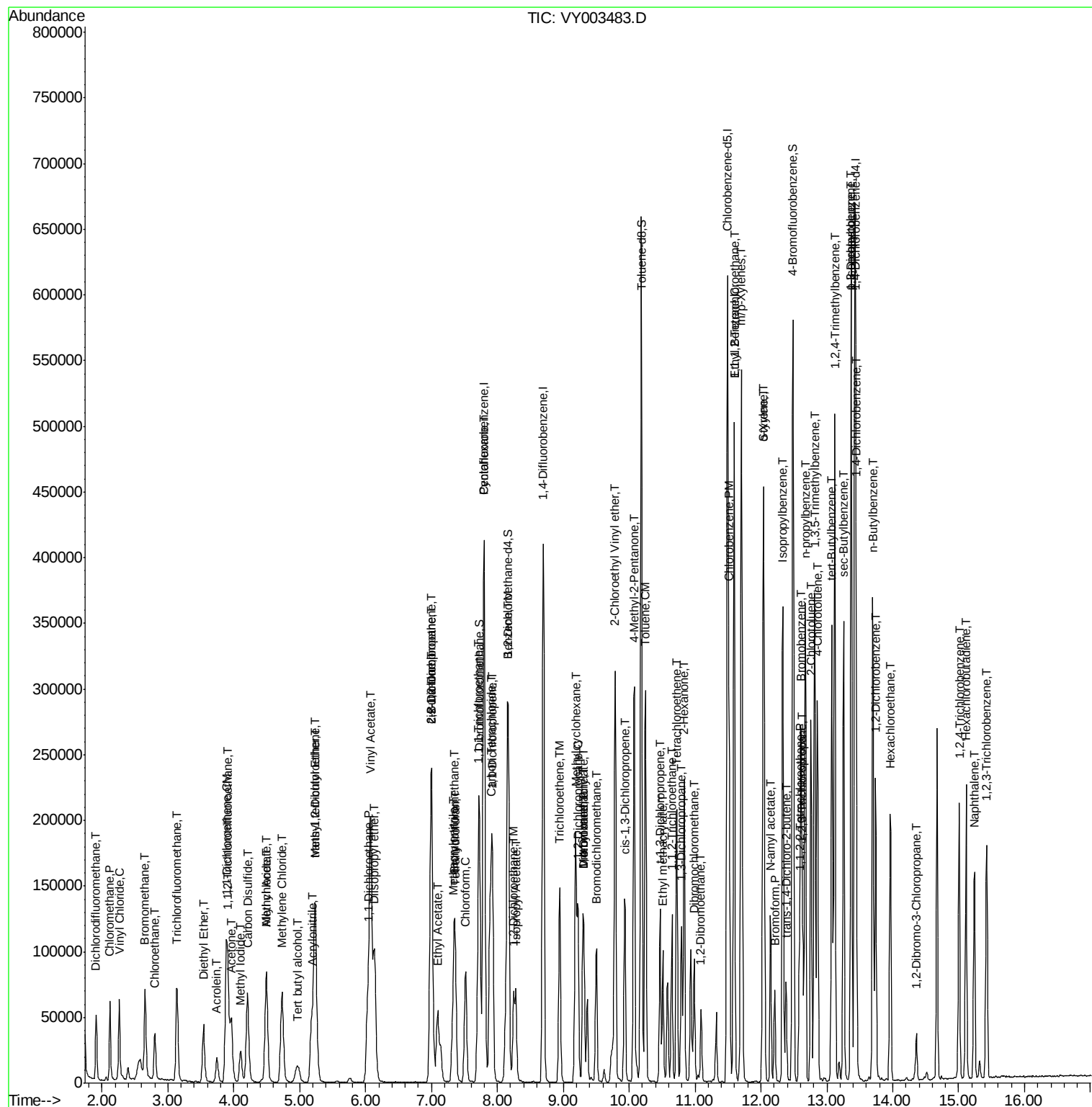
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110320\  
Data File : VY003483.D  
Acq On : 03 Nov 2020 11:48  
Operator : SY/MD  
Sample : VY1103SBS01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

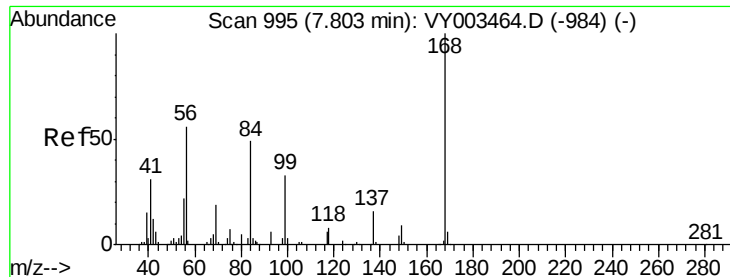
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM

Quant Time: Nov 04 00:36:06 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y110220S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 02 12:40:51 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion:168 Resp: 242225

Ion Ratio Lower Upper

168 100

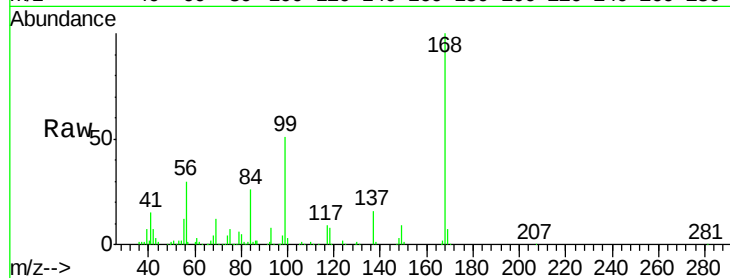
99 51.3 39.7 59.5

Manual Integrations

APPROVED

MMDadoda

11/4/2020 11:57:39 AM



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

120000

100000

80000

60000

40000

20000

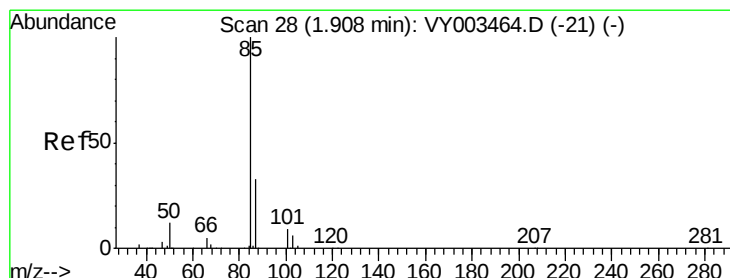
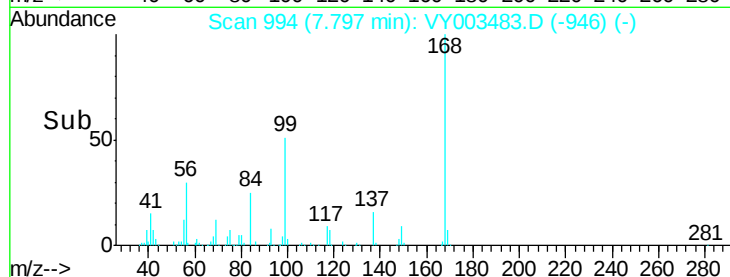
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.698 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY003483.D

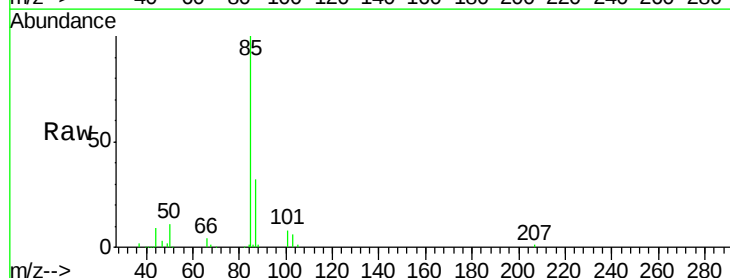
Acq: 03 Nov 2020 11:48

Tgt Ion: 85 Resp: 41585

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

30000

25000

20000

15000

10000

5000

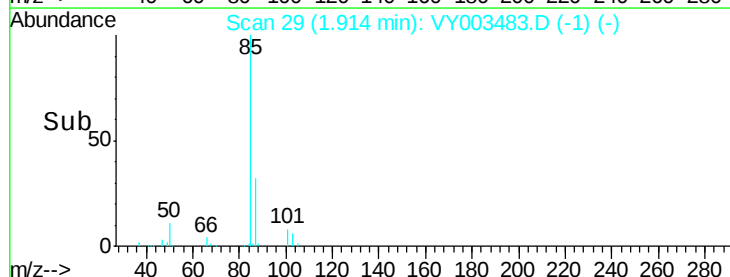
0

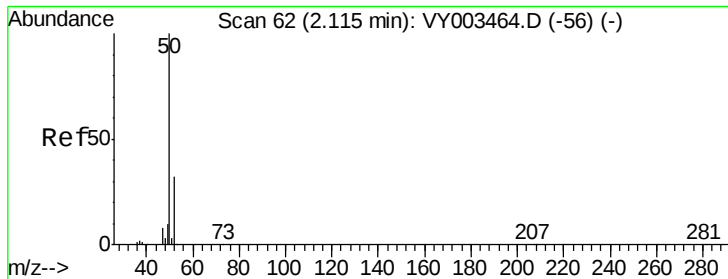
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 21.436 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 50 Resp: 54084

Ion Ratio Lower Upper

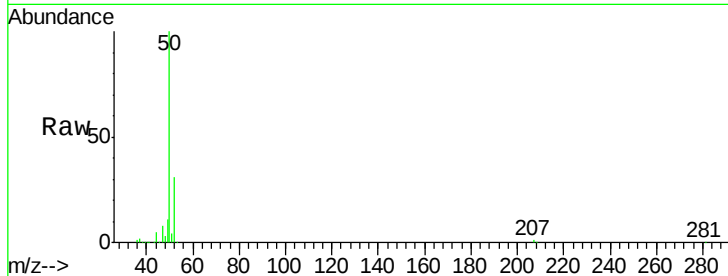
50 100

52 31.4 25.6 38.4

Manual Integrations  
APPROVED

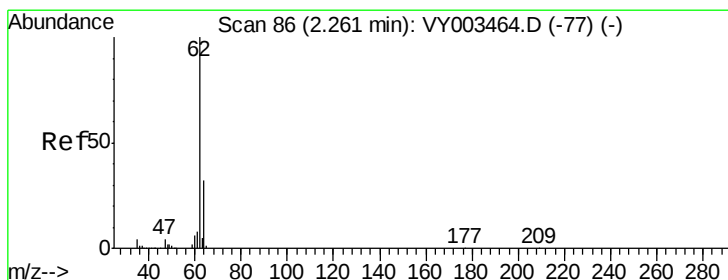
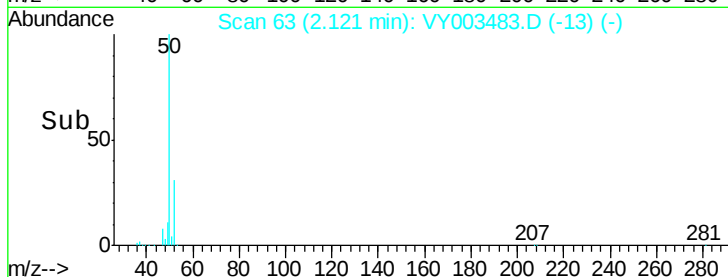
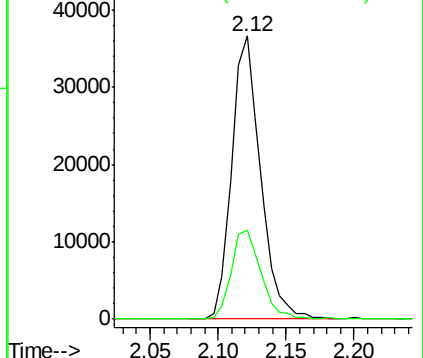
MMDadoda

11/4/2020 11:57:39 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.234 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003483.D

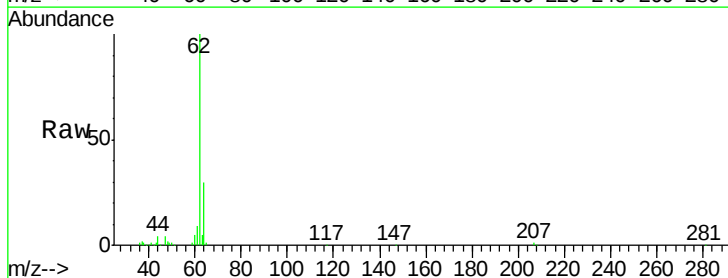
Acq: 03 Nov 2020 11:48

Tgt Ion: 62 Resp: 60137

Ion Ratio Lower Upper

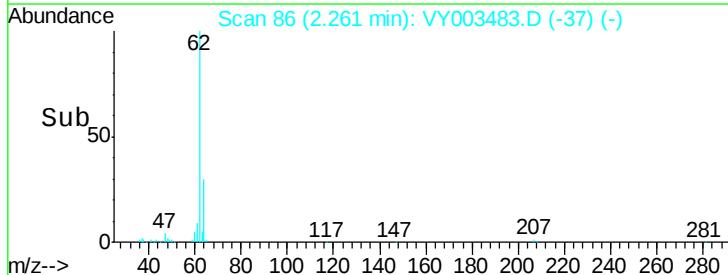
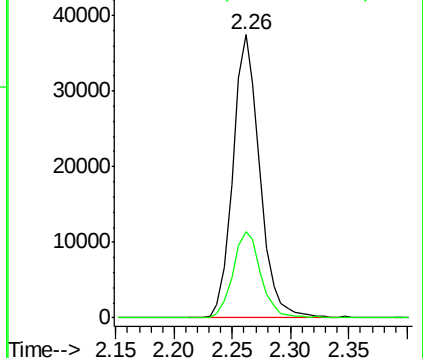
62 100

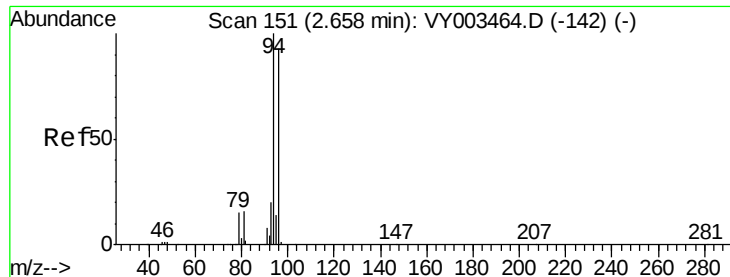
64 30.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.447 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 94 Resp: 46017

Ion Ratio Lower Upper

94 100

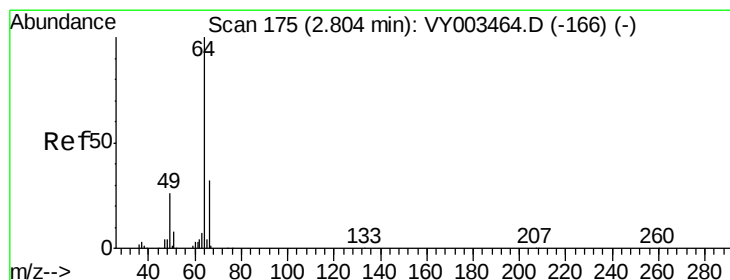
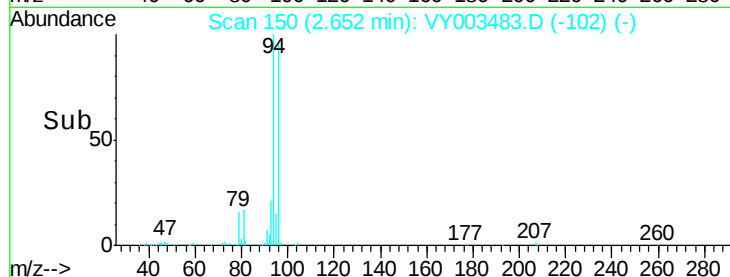
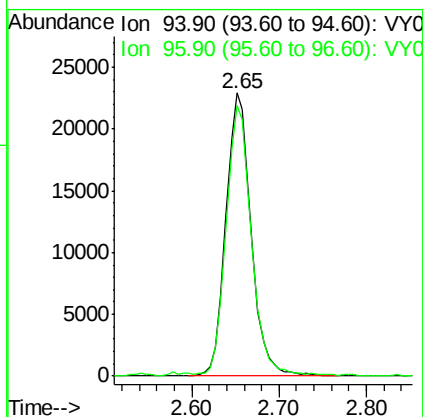
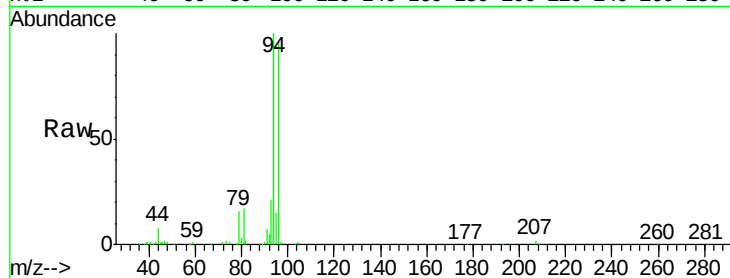
96 95.3 74.6 112.0

Manual Integrations

APPROVED

MMDadoda

11/4/2020 11:57:39 AM



#6

Chloroethane

Concen: 20.835 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003483.D

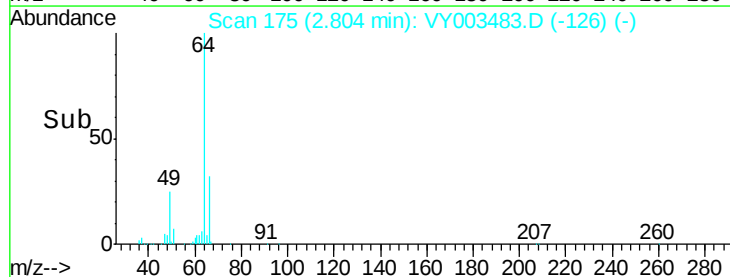
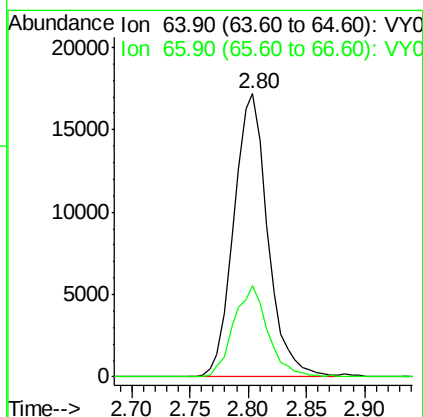
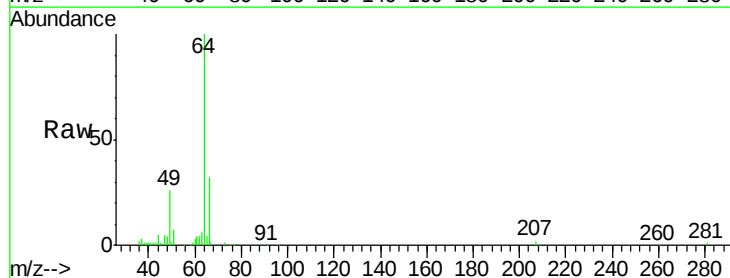
Acq: 03 Nov 2020 11:48

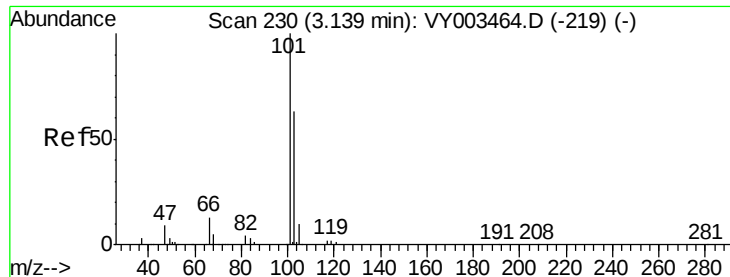
Tgt Ion: 64 Resp: 35170

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4





#7

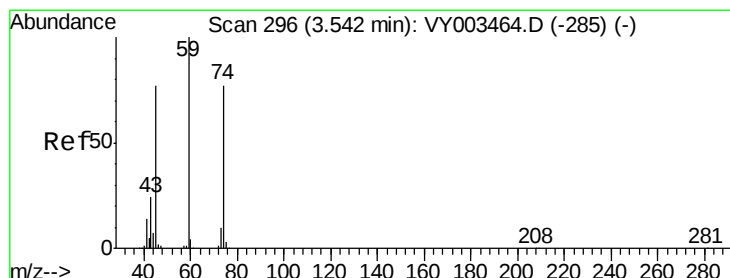
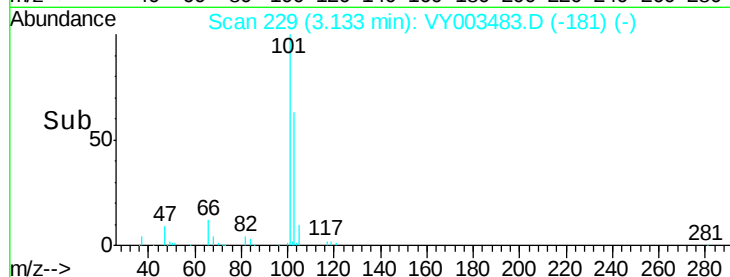
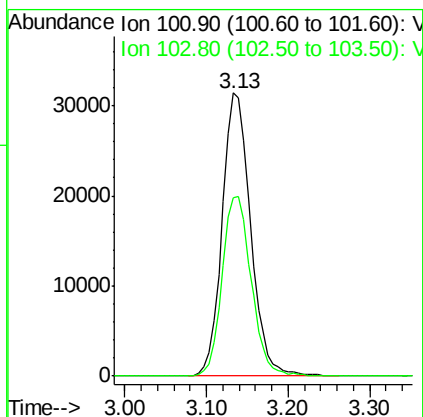
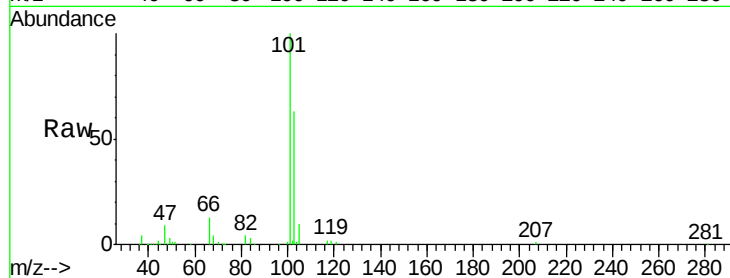
Trichlorofluoromethane  
Concen: 21.060 ug/l  
RT: 3.13 min Scan# 229  
Delta R.T. -0.01 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.1  | 50.7  | 76.1  |

Manual Integrations  
APPROVED

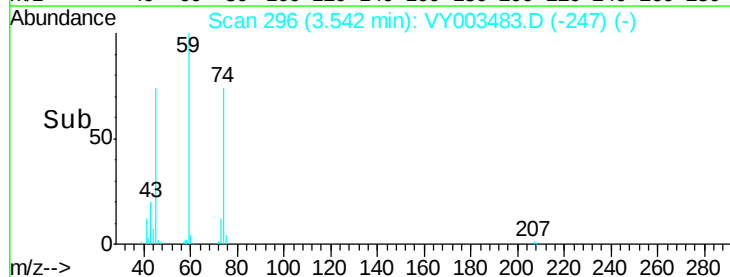
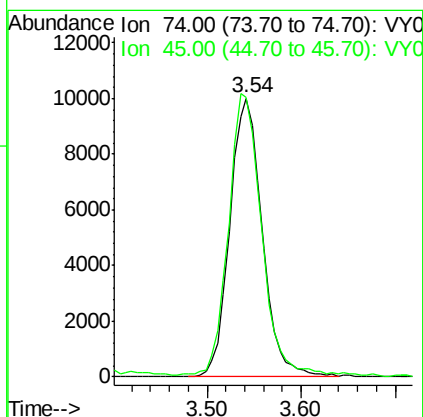
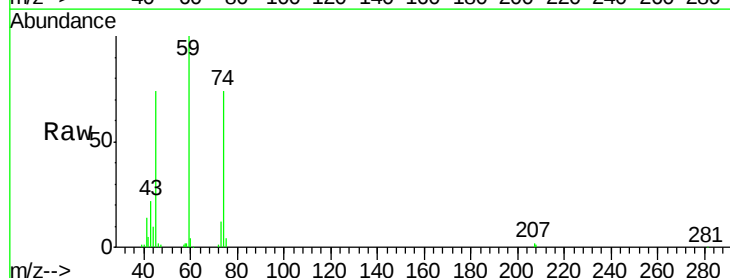
MMDadoda  
11/4/2020 11:57:39 AM

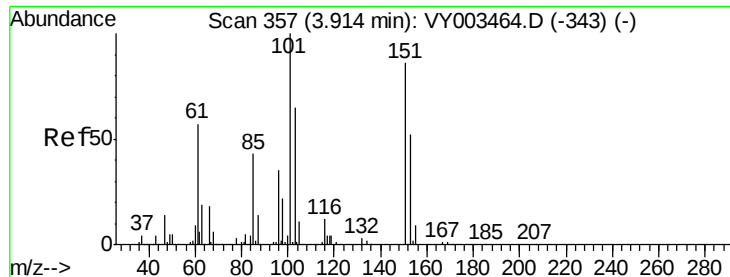


#8

Diethyl Ether  
Concen: 21.692 ug/l  
RT: 3.54 min Scan# 296  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 103.0 | 50.7  | 152.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.393 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

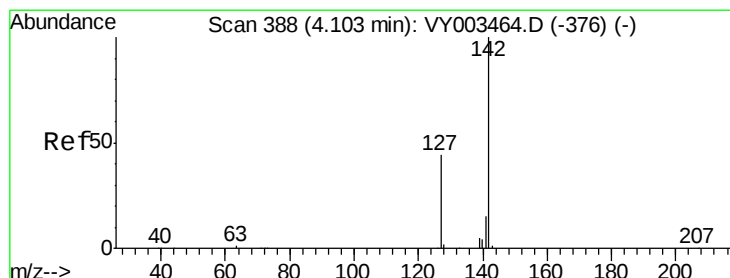
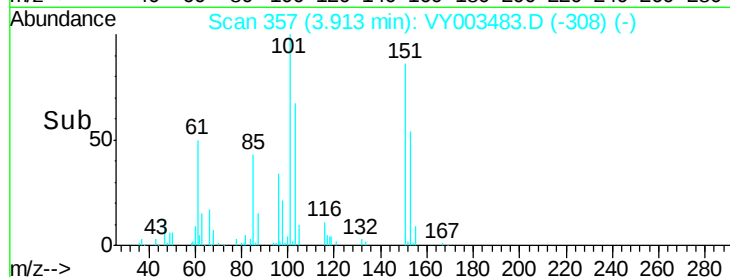
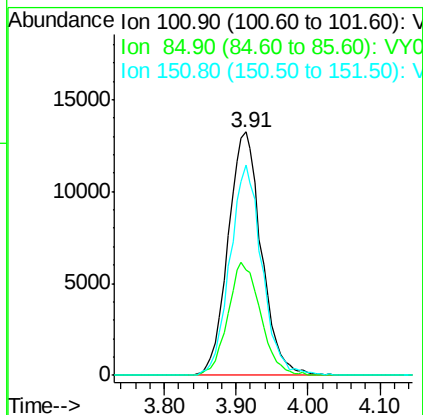
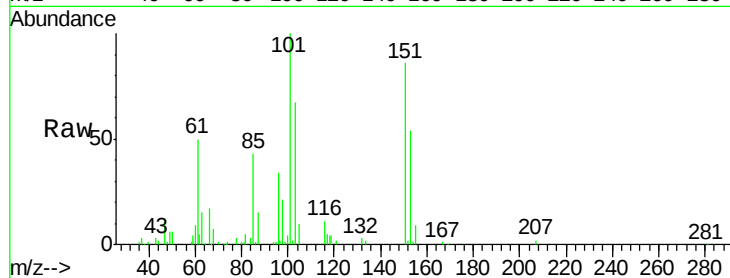
ClientSampleId :

VY1103SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 42505 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.5  | 35.8  | 53.8  |
| 151       | 83.1  | 67.6  | 101.4 |

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM



#10

Methyl Iodide

Concen: 22.260 ug/l

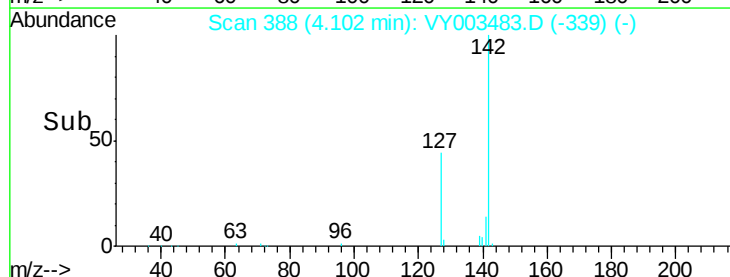
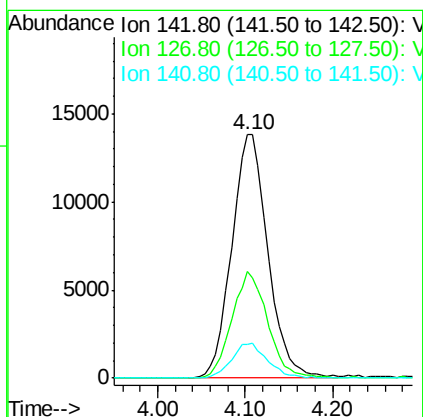
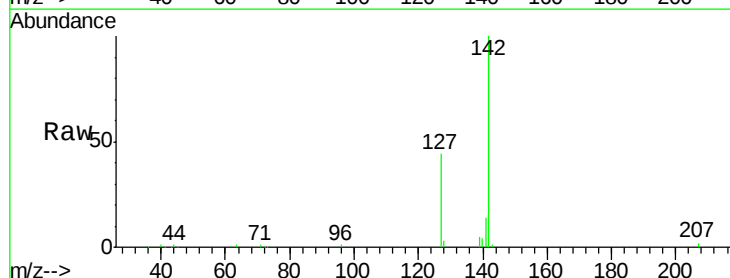
RT: 4.10 min Scan# 388

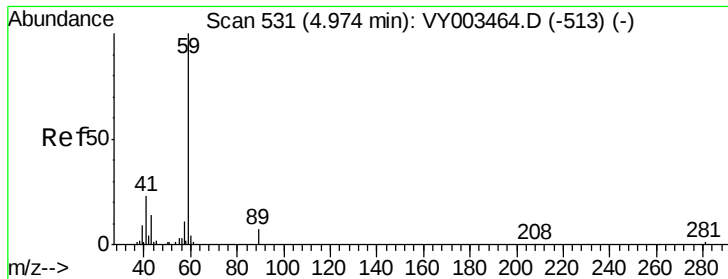
Delta R.T. 0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 39658 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.4  | 34.5  | 51.7  |
| 141       | 14.1  | 11.8  | 17.8  |





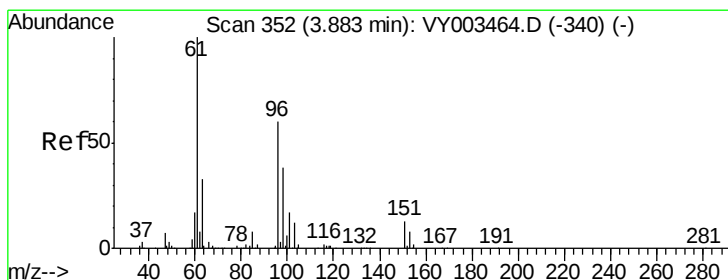
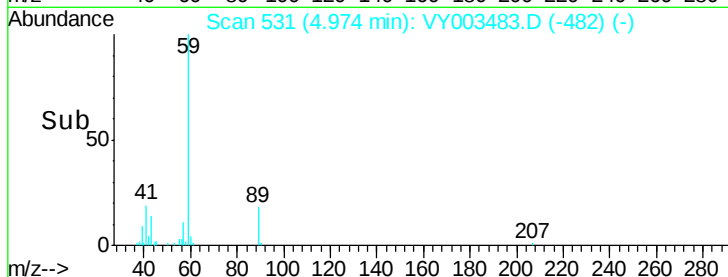
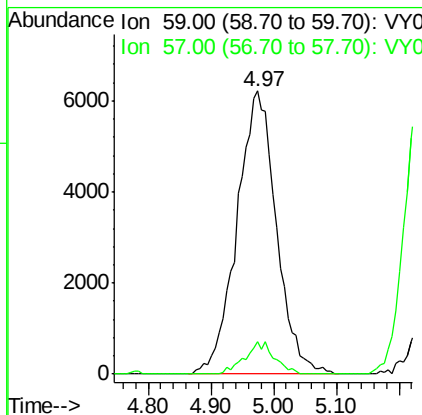
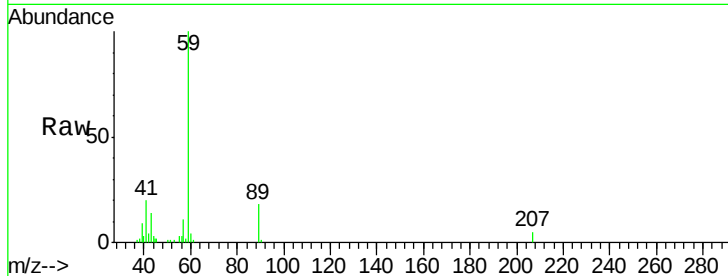
#11  
Tert butyl alcohol  
Concen: 96.382 ug/l  
RT: 4.97 min Scan# 531  
Delta R.T. 0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 8.7   | 7.9   | 11.9  |

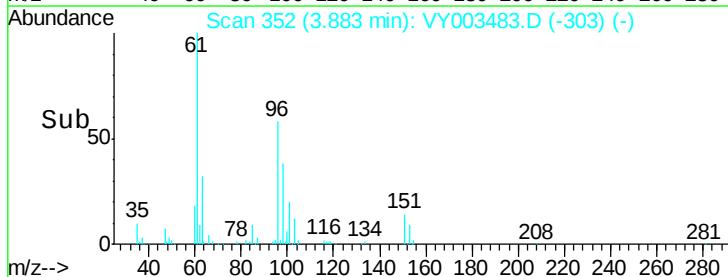
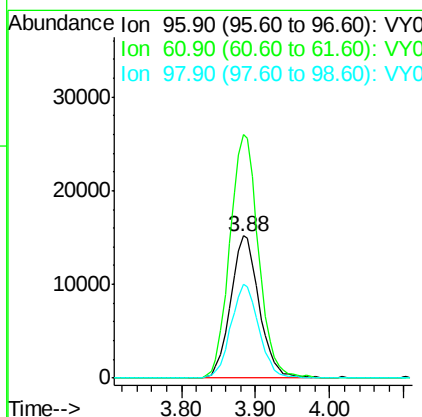
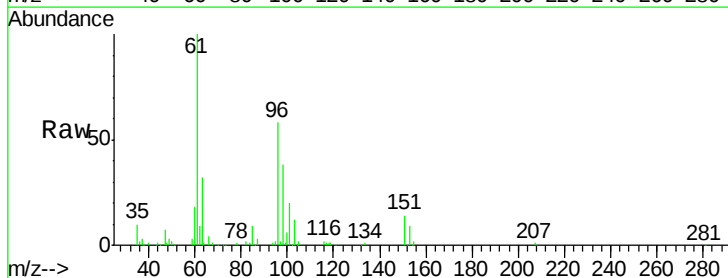
Manual Integrations  
APPROVED

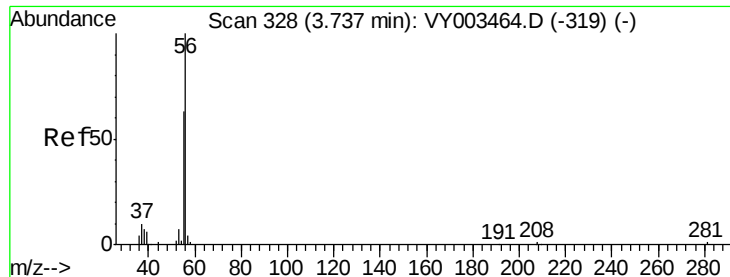
MMDadoda  
11/4/2020 11:57:39 AM



#12  
1,1-Dichloroethene  
Concen: 20.667 ug/l  
RT: 3.88 min Scan# 352  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 171.4 | 133.6 | 200.4 |
| 98      | 65.7  | 50.2  | 75.2  |





#13

Acrolein

Concen: 105.880 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 56 Resp: 21820

Ion Ratio Lower Upper

56 100

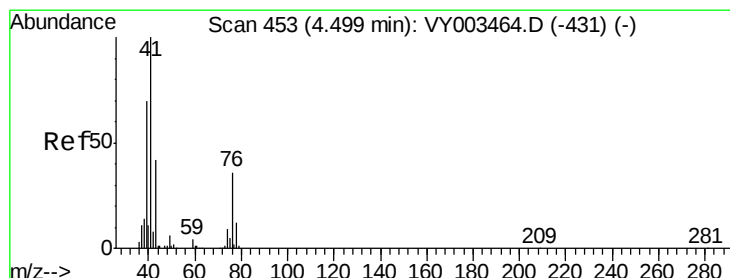
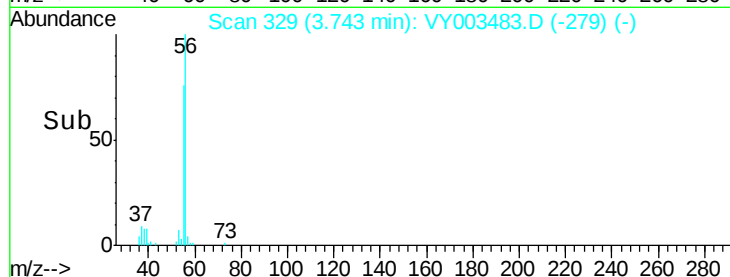
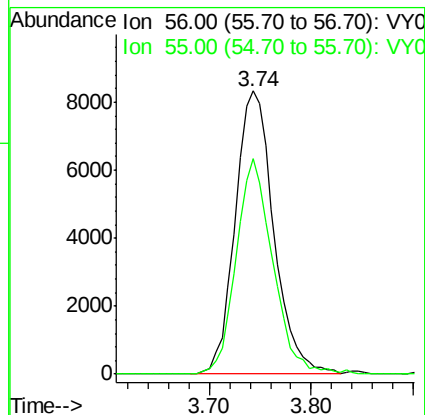
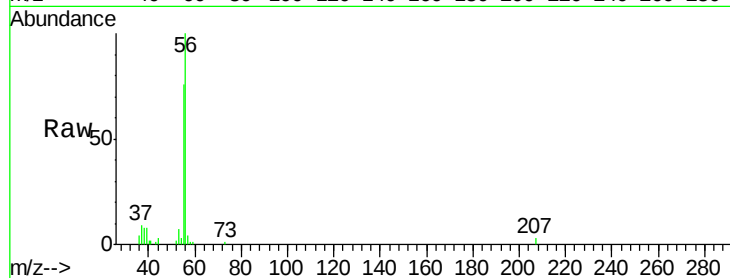
55 72.1 56.6 85.0

Manual Integrations

APPROVED

MMDadoda

11/4/2020 11:57:39 AM



#14

Allyl chloride

Concen: 20.790 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

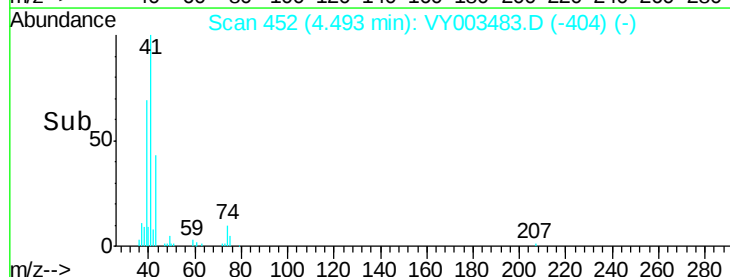
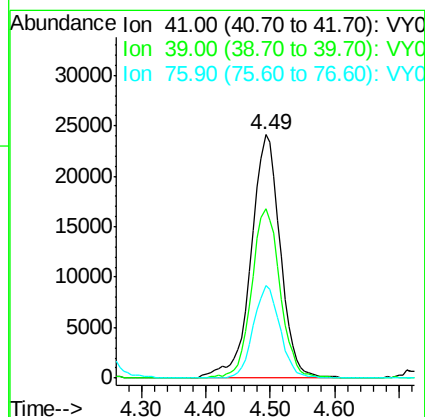
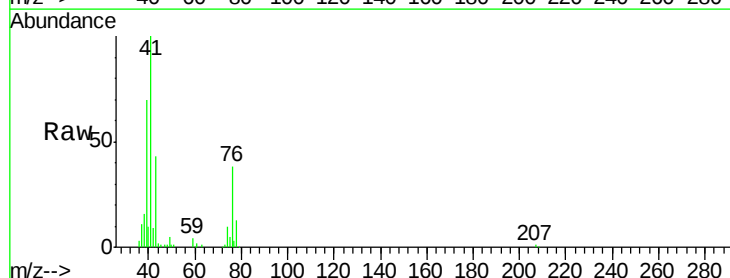
Tgt Ion: 41 Resp: 74982

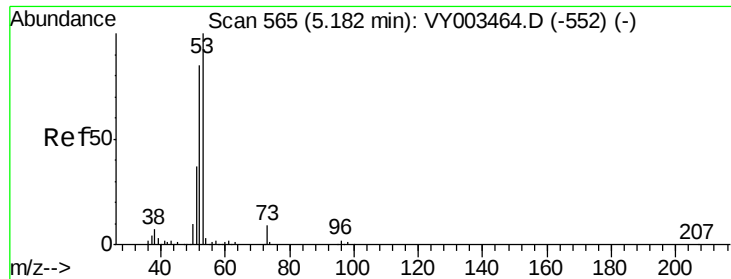
Ion Ratio Lower Upper

41 100

39 67.8 54.4 81.6

76 34.5 27.6 41.4





#15

Acrylonitrile

Concen: 99.671 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

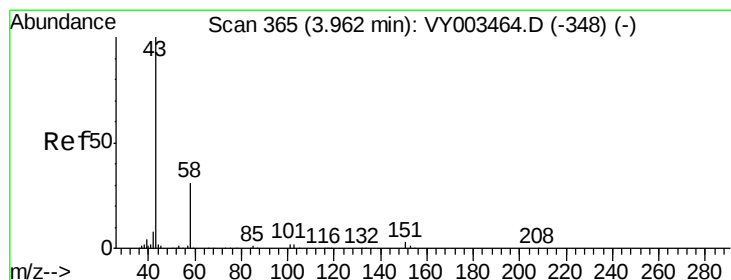
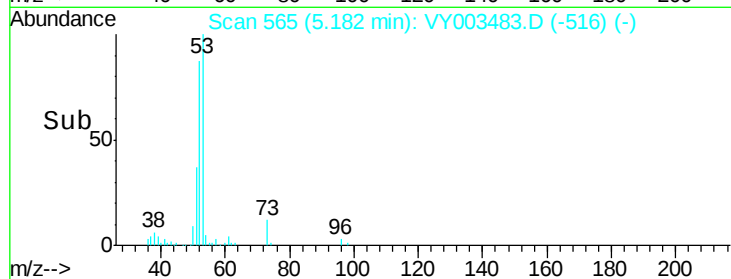
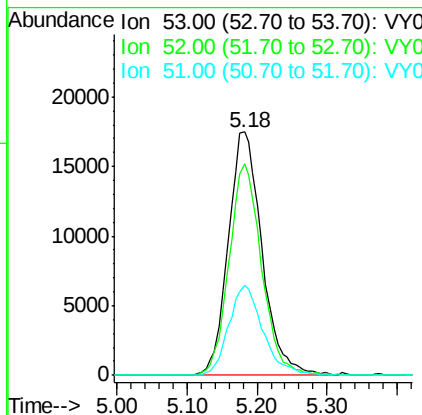
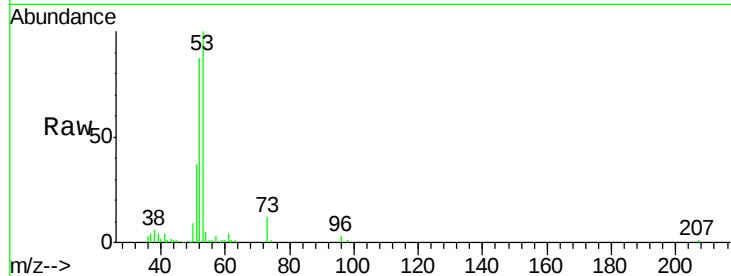
ClientSampleId :

VY1103SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 58651 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 83.5  | 66.9  | 100.3 |
| 51        | 37.4  | 29.3  | 43.9  |

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM



#16

Acetone

Concen: 91.391 ug/l

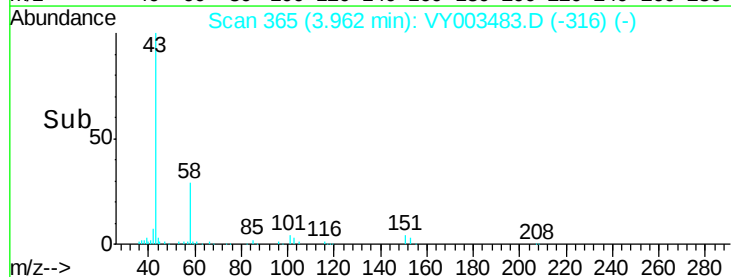
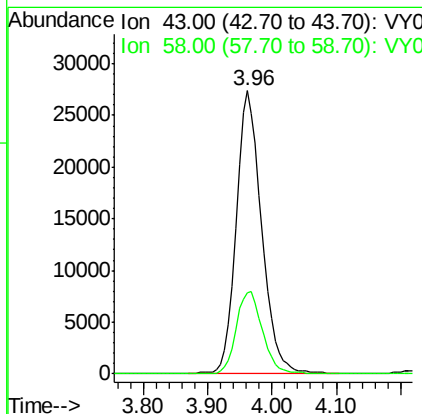
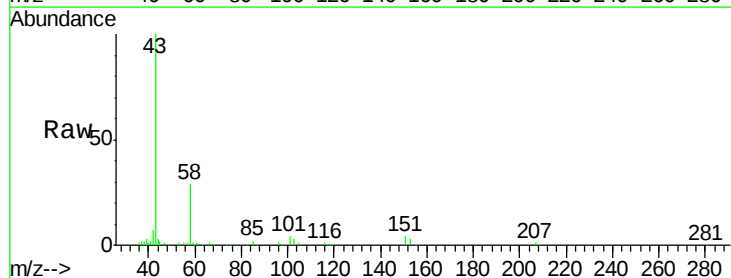
RT: 3.96 min Scan# 365

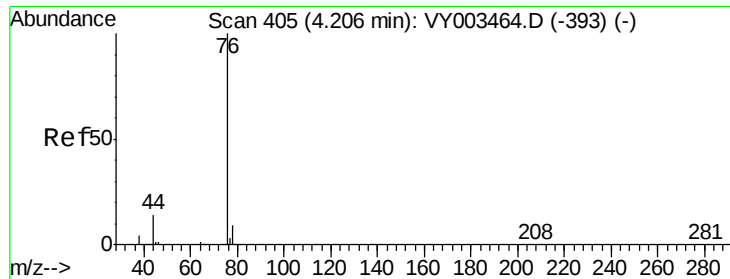
Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 74866 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 28.8  | 25.0  | 37.4  |





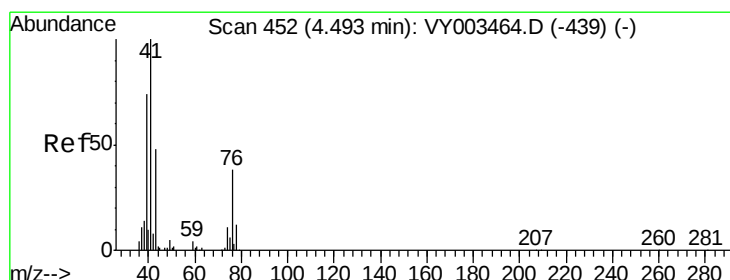
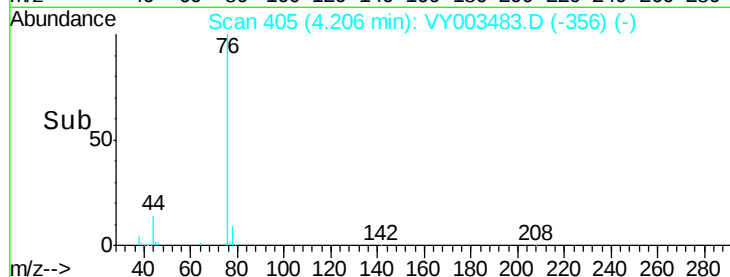
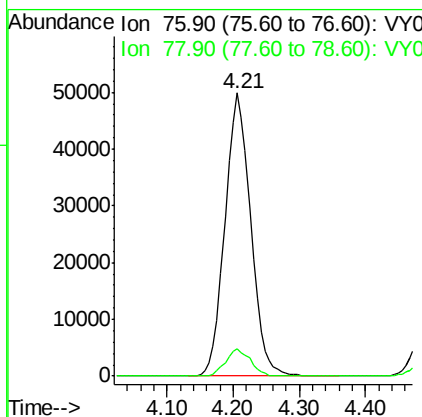
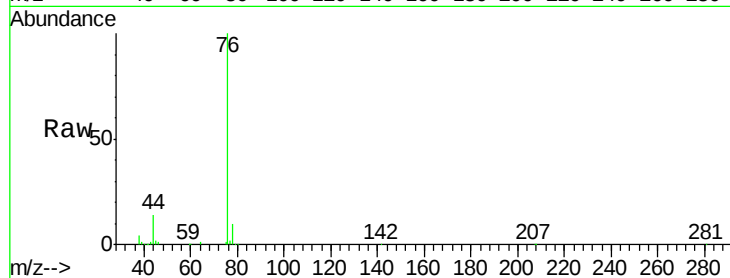
#17  
Carbon Disulfide  
Concen: 21.002 ug/l  
RT: 4.21 min Scan# 405  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.7   | 7.4   | 11.2  |

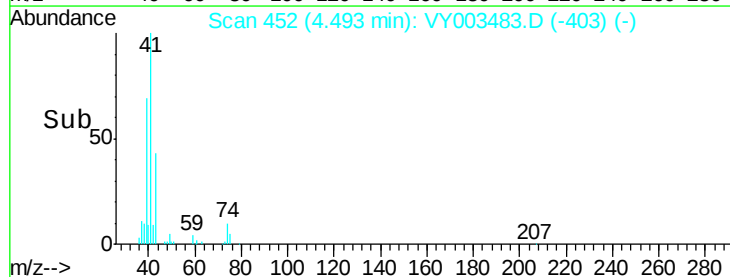
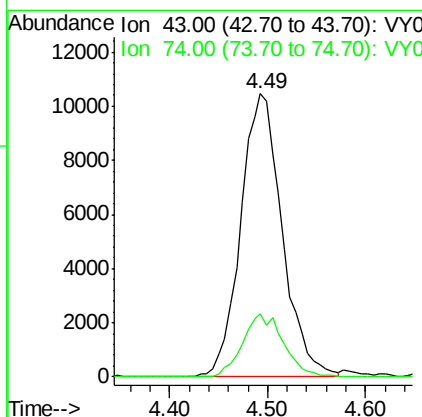
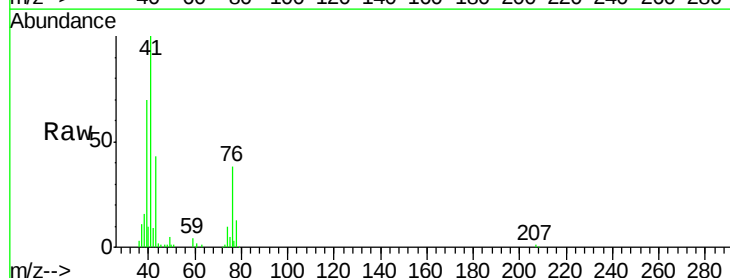
Manual Integrations  
APPROVED

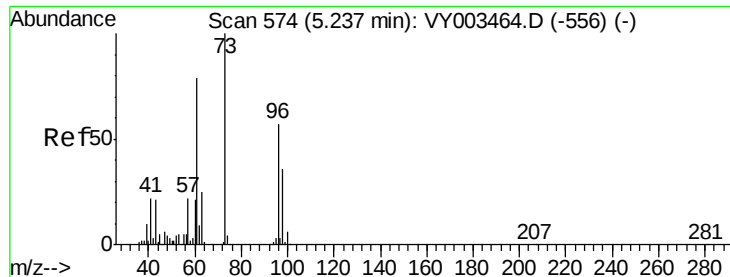
MMDadoda  
11/4/2020 11:57:39 AM



#18  
Methyl Acetate  
Concen: 19.911 ug/l  
RT: 4.49 min Scan# 452  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.9  | 18.4  | 27.6  |





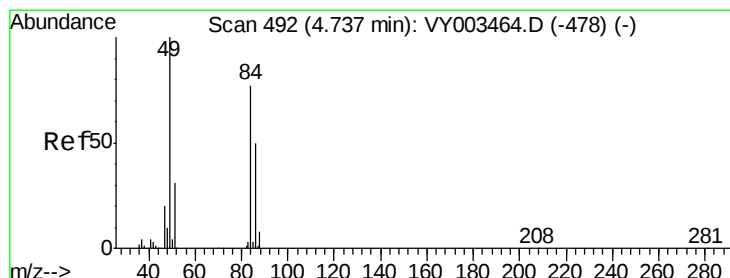
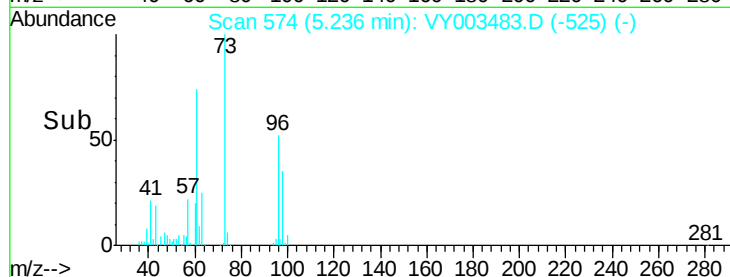
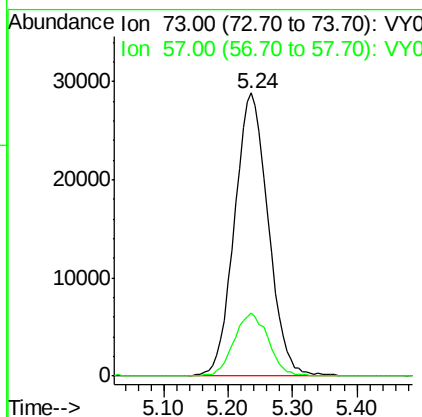
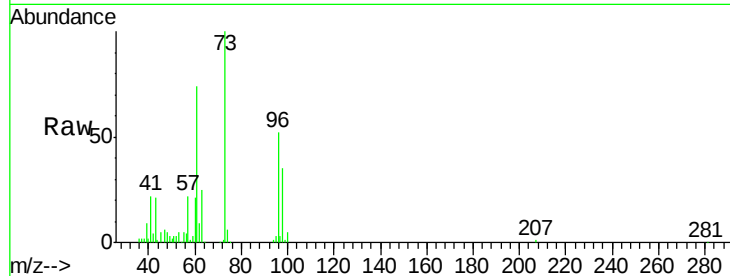
#19  
Methvl tert-butvl Ether  
Concen: 21.354 ug/l  
RT: 5.24 min Scan# 574  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.4  | 17.2  | 25.8  |

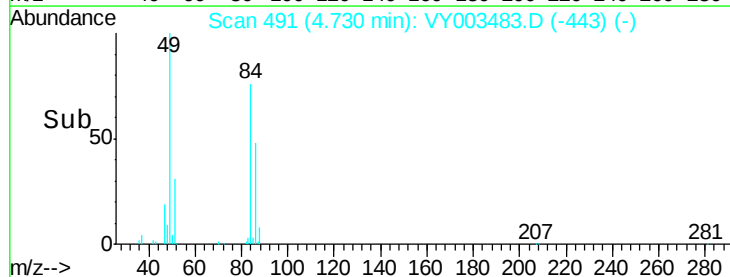
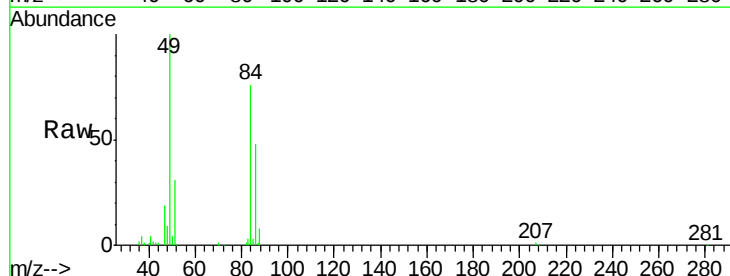
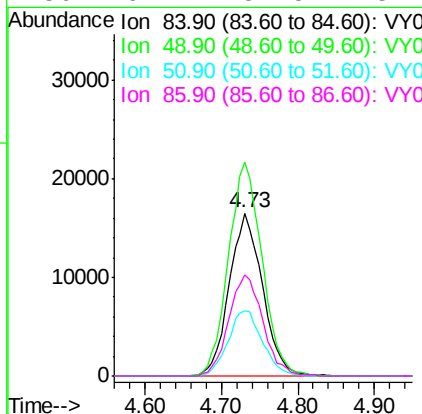
Manual Integrations  
APPROVED

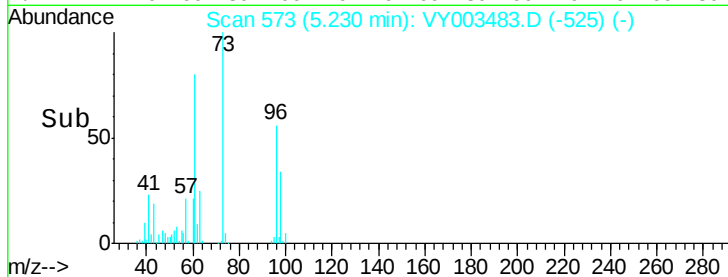
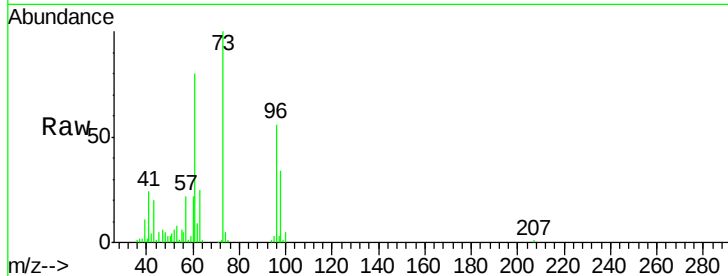
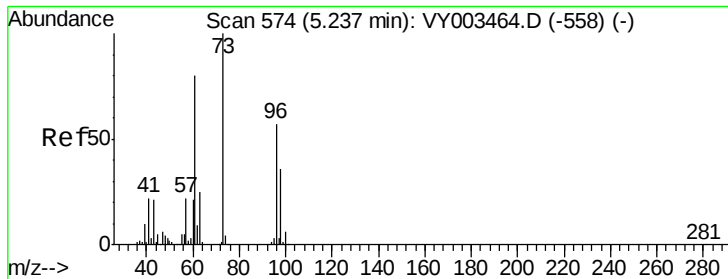
MMDadoda  
11/4/2020 11:57:39 AM



#20  
Methylene Chloride  
Concen: 21.526 ug/l  
RT: 4.73 min Scan# 491  
Delta R.T. -0.01 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 131.1 | 104.3 | 156.5 |
| 51      | 40.0  | 32.5  | 48.7  |
| 86      | 62.4  | 52.5  | 78.7  |





#21

trans-1,2-Dichloroethene

Concen: 20.690 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 96    | Resp: | 47361 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 141.8 | 111.3 | 166.9 |
| 98        | 60.1  | 50.3  | 75.5  |

Instrument :

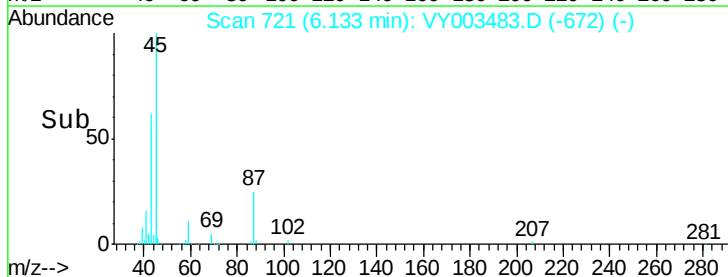
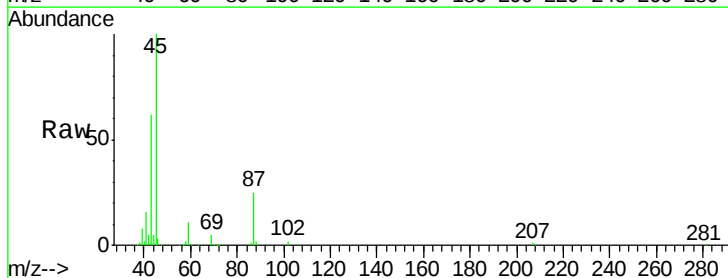
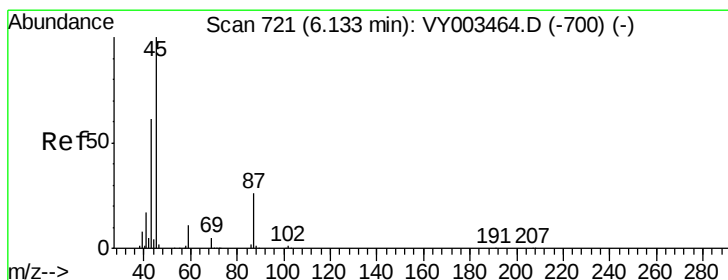
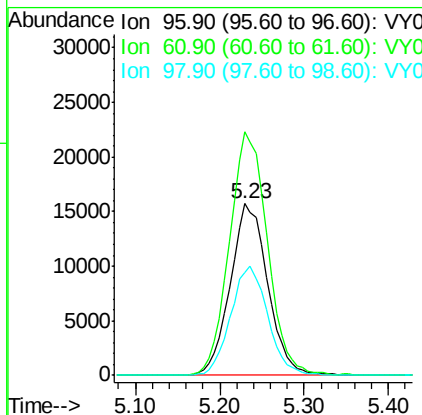
MSVOA\_Y

ClientSampleId :

VY1103SBS01

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM



#22

Diisopropyl ether

Concen: 21.717 ug/l

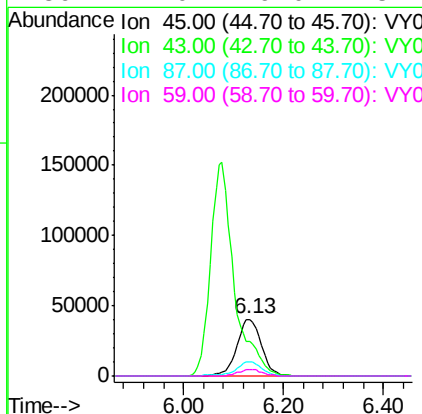
RT: 6.13 min Scan# 721

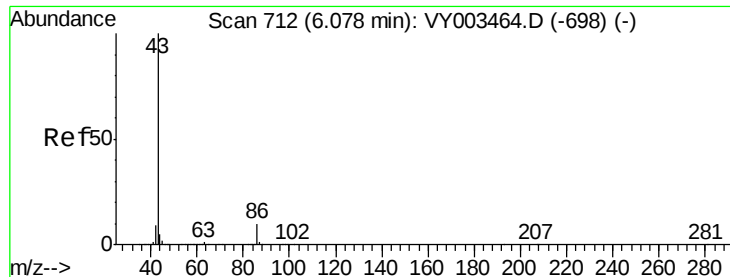
Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 137382 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 61.8  | 48.8  | 73.2   |
| 87        | 24.7  | 20.6  | 31.0   |
| 59        | 11.0  | 9.0   | 13.4   |





#23

Vinyl Acetate

Concen: 105.478 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 43 Resp: 501403

Ion Ratio Lower Upper

43 100

86 9.8

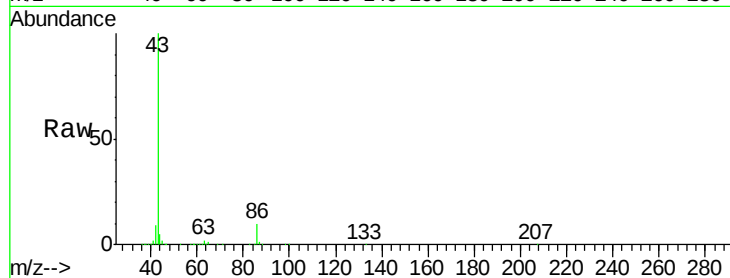
8.2 12.2

Manual Integrations

APPROVED

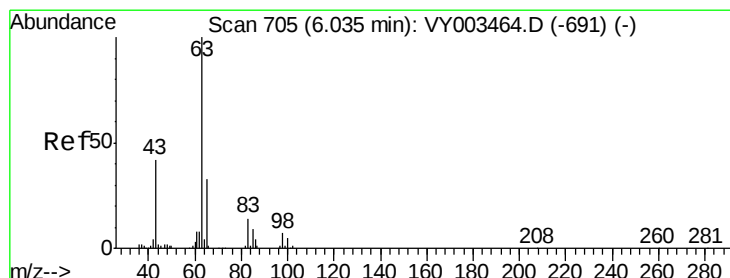
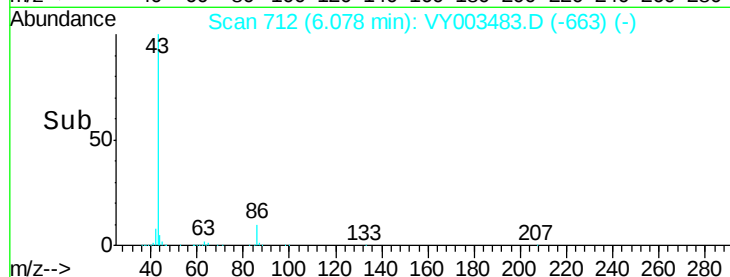
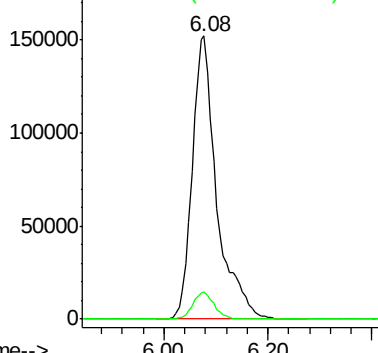
MMDadoda

11/4/2020 11:57:39 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.255 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Tgt Ion: 63 Resp: 85442

Ion Ratio Lower Upper

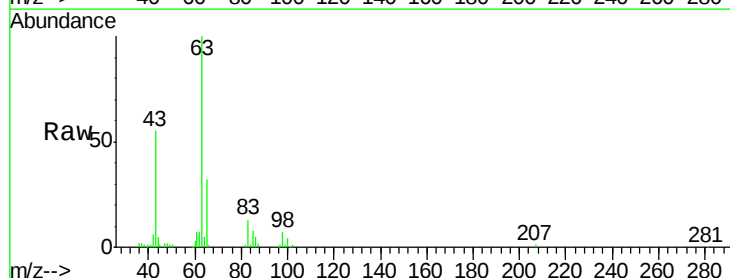
63 100

98 7.0

3.6 10.8

100 4.0

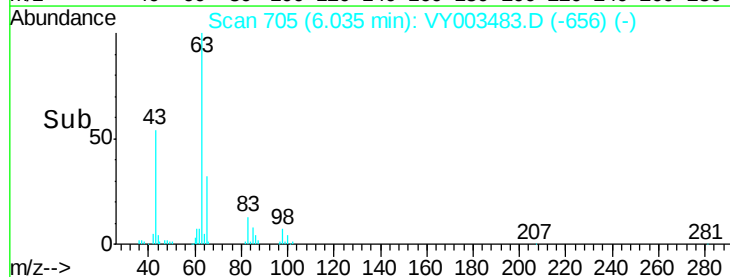
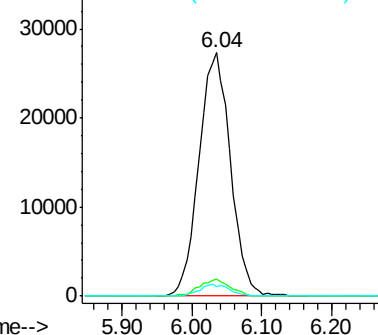
2.3 6.9

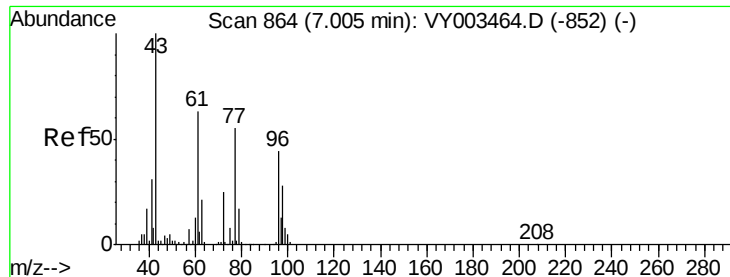


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 96.823 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 43 Resp: 99201

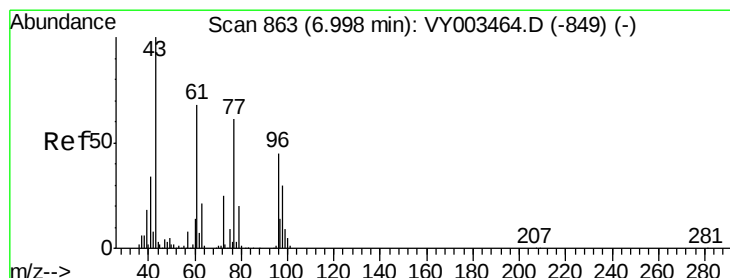
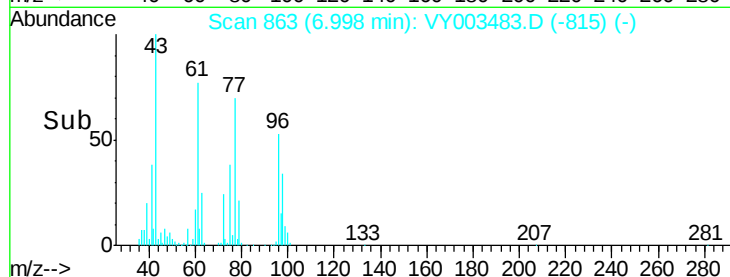
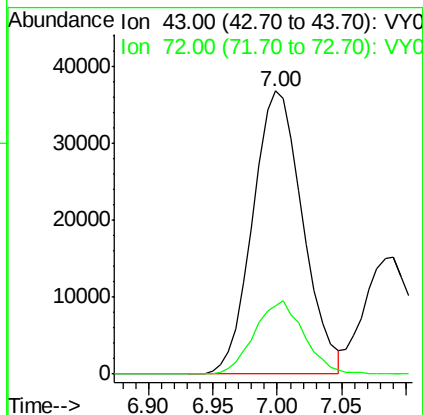
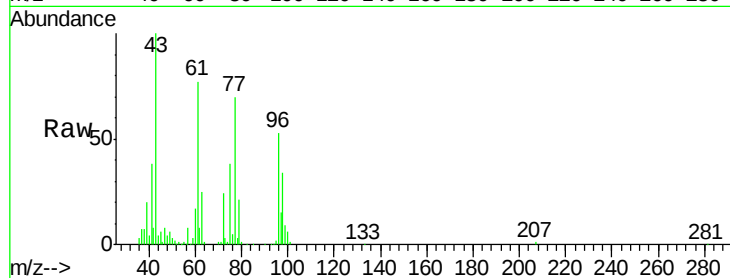
Ion Ratio Lower Upper

43 100

72 24.3 20.1 30.1

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM



#26

2,2-Dichloropropane

Concen: 21.354 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003483.D

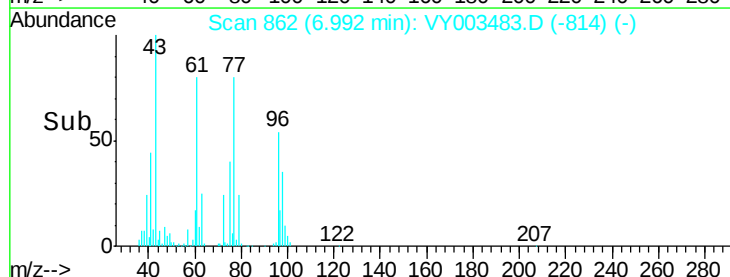
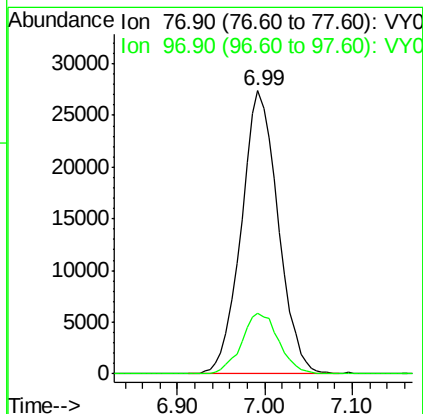
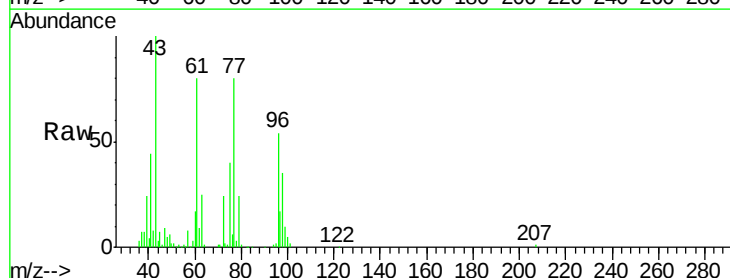
Acq: 03 Nov 2020 11:48

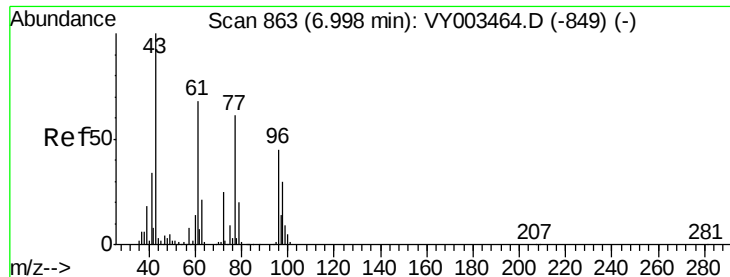
Tgt Ion: 77 Resp: 79970

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.6





#27

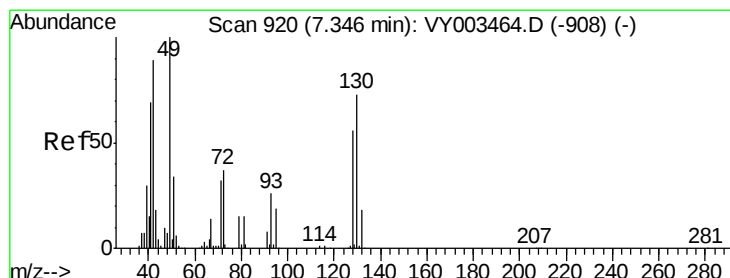
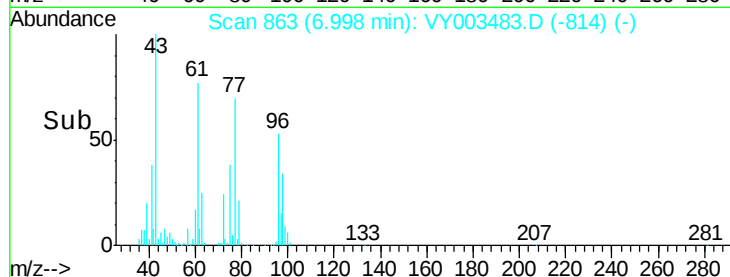
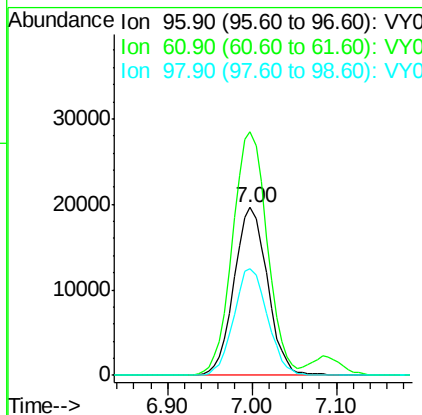
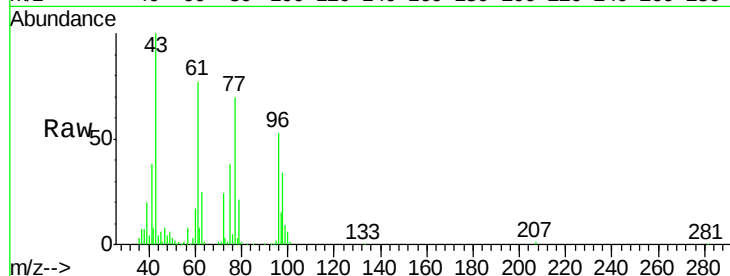
cis-1,2-Dichloroethene  
Concen: 21.302 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.9 | 0.0   | 299.2 |
| 98      | 63.9  | 0.0   | 128.6 |

Manual Integrations  
APPROVED

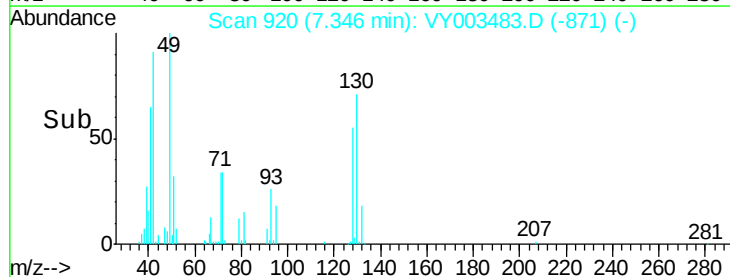
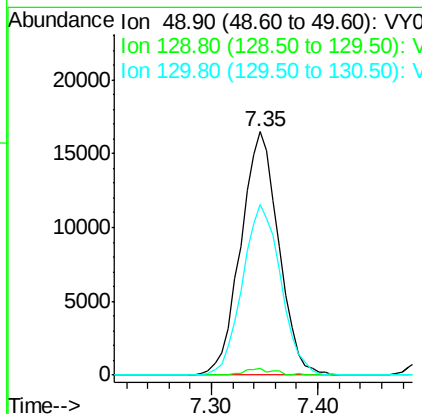
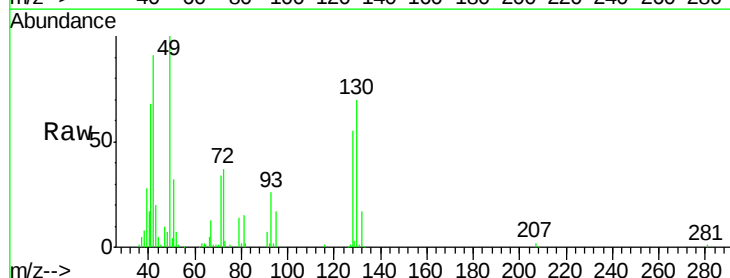
MMDadoda  
11/4/2020 11:57:39 AM

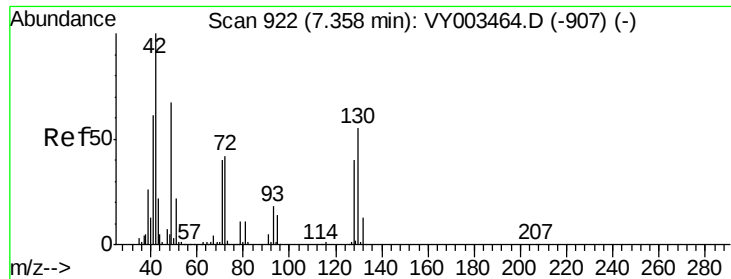


#28

Bromochloromethane  
Concen: 20.322 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.9   | 0.0   | 4.2   |
| 130     | 71.2  | 60.0  | 90.0  |





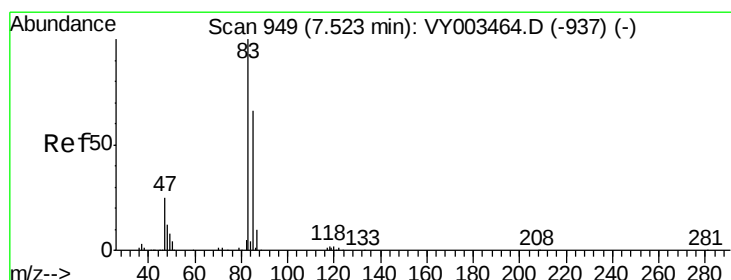
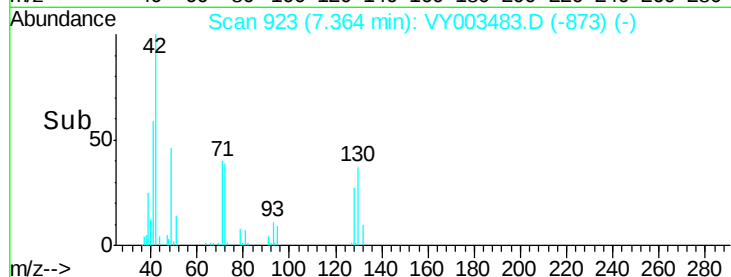
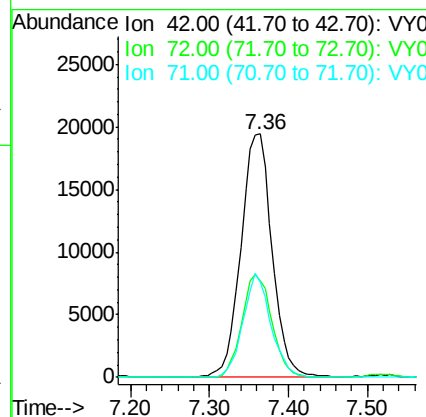
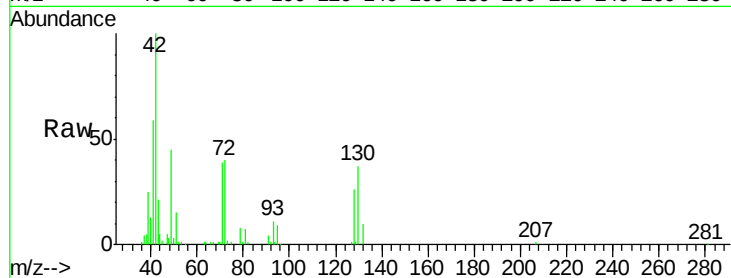
#29  
Tetrahydrofuran  
Concen: 99.922 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. 0.01 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 53495 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 40.7  | 32.8  | 49.2  |
| 71       | 38.1  | 30.7  | 46.1  |

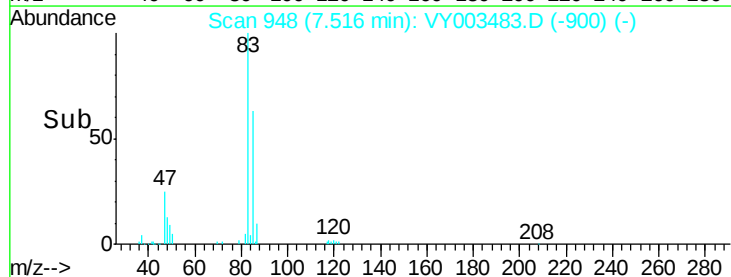
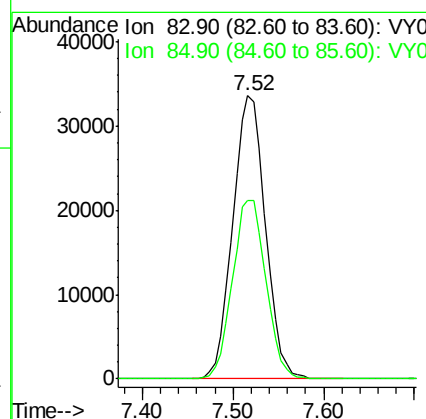
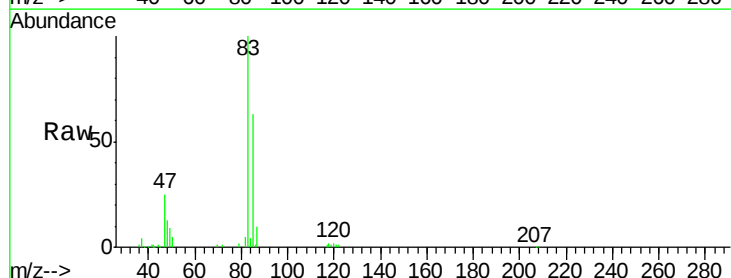
Manual Integrations  
APPROVED

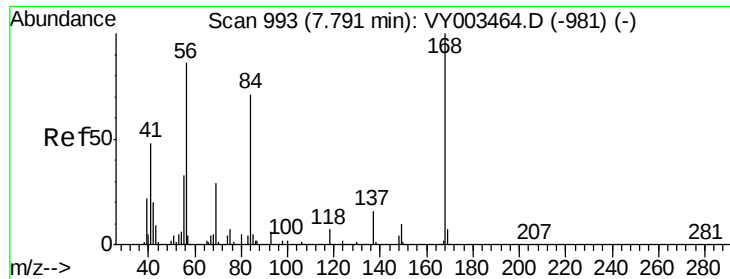
MMDadoda  
11/4/2020 11:57:39 AM



#30  
Chloroform  
Concen: 21.237 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 83849 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.2  | 52.6  | 79.0  |





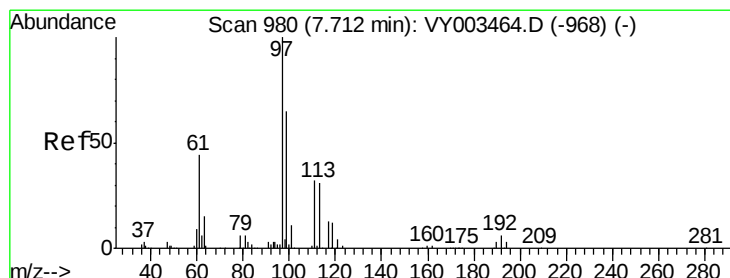
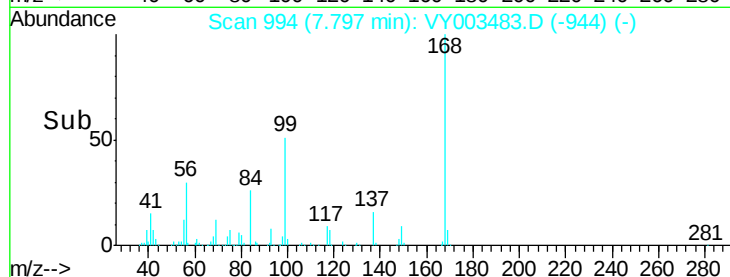
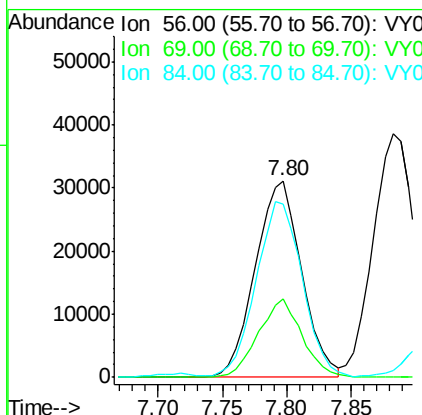
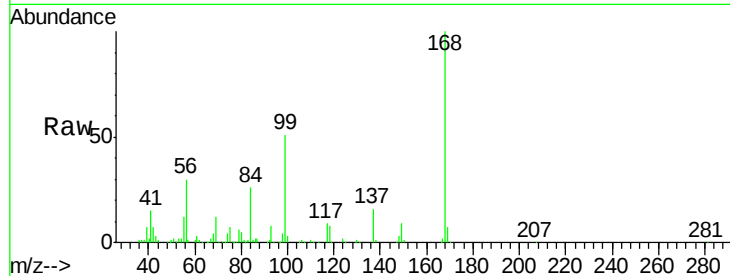
#31  
Cyclohexane  
Concen: 20.857 ug/l  
RT: 7.80 min Scan# 994  
Delta R.T. 0.01 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 39.7  | 26.6  | 39.8  |
| 84      | 86.3  | 65.9  | 98.9  |

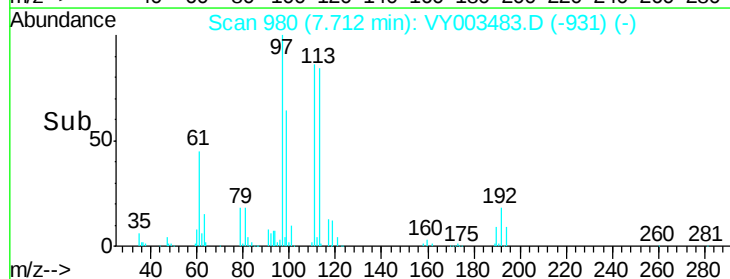
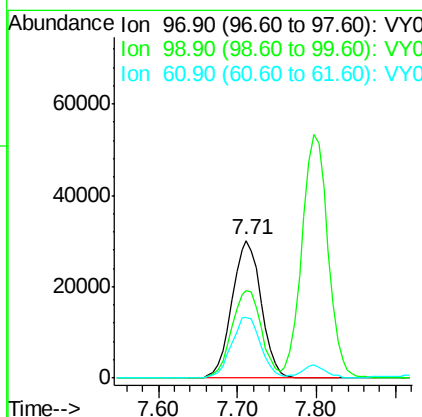
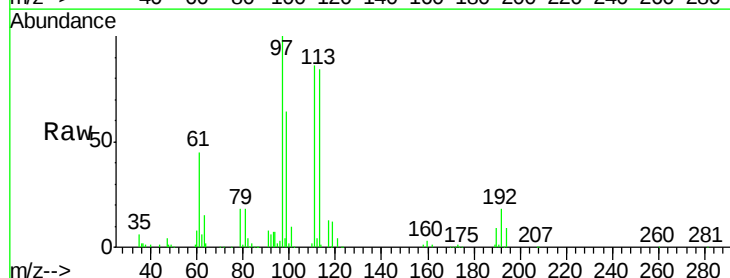
Manual Integrations  
APPROVED

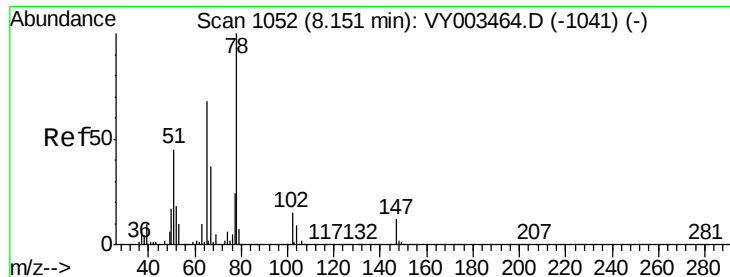
MMDadoda  
11/4/2020 11:57:39 AM



#32  
1,1,1-Trichloroethane  
Concen: 21.021 ug/l  
RT: 7.71 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.0  | 51.6  | 77.4  |
| 61      | 44.6  | 35.1  | 52.7  |





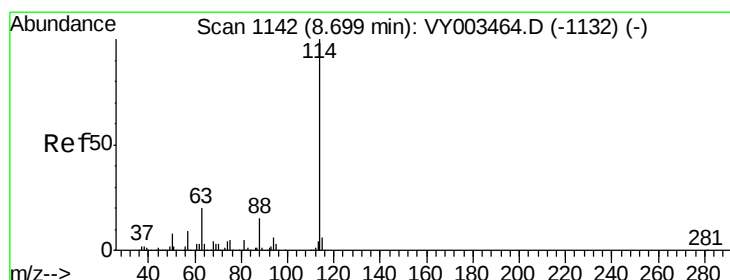
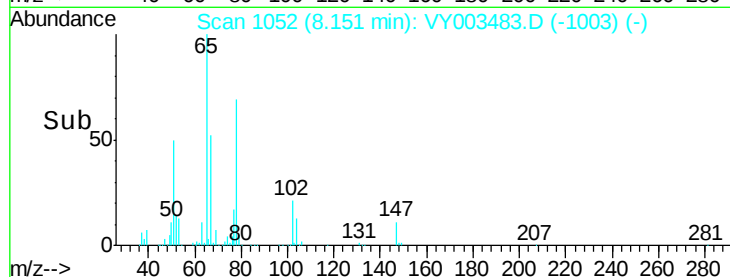
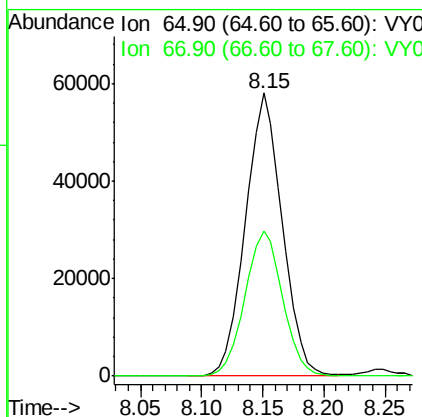
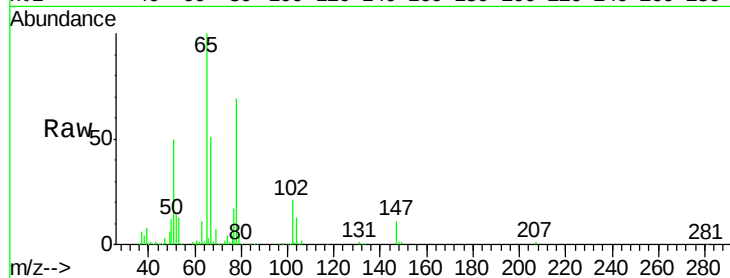
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.956 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 52.6  | 0.0  | 106.0 |       |

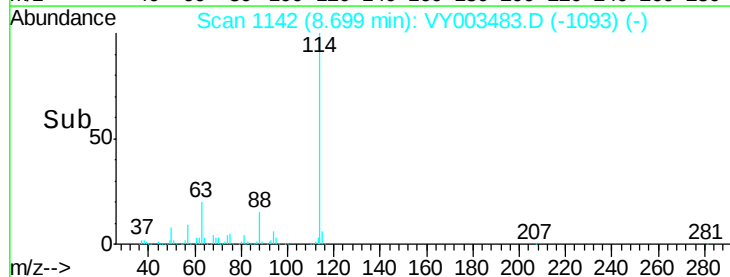
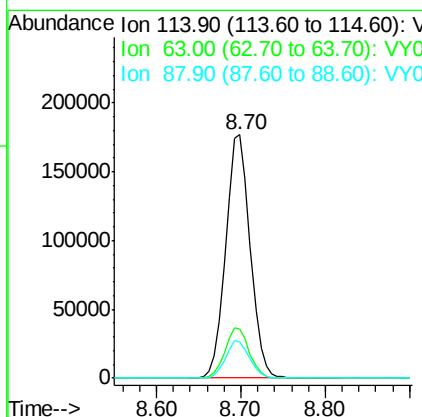
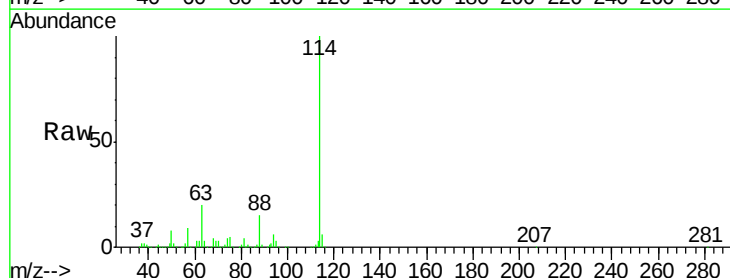
Manual Integrations  
 APPROVED

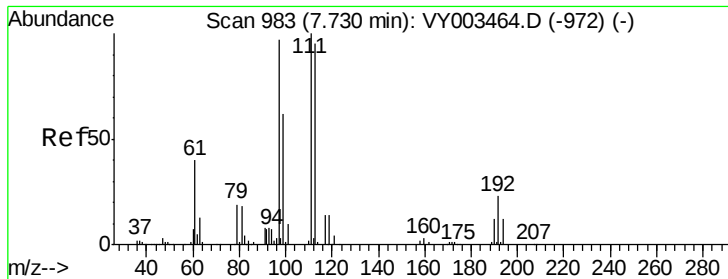
MMDadoda  
 11/4/2020 11:57:39 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 20.0  | 0.0  | 40.6  |       |
| 88      | 14.8  | 0.0  | 29.4  |       |





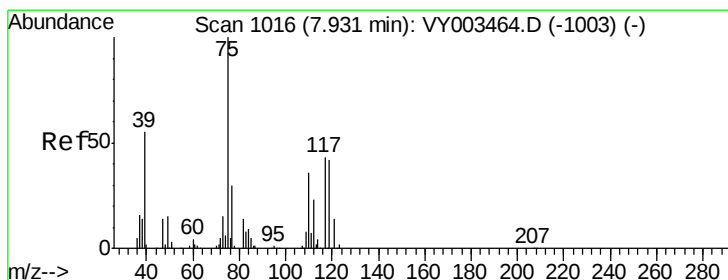
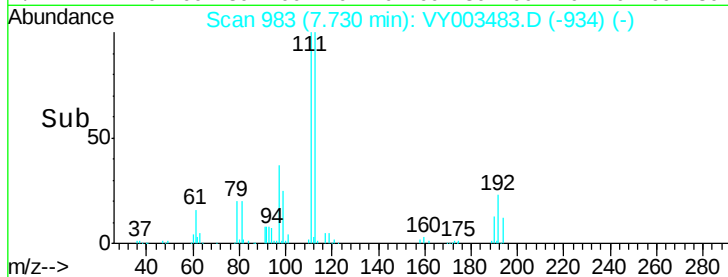
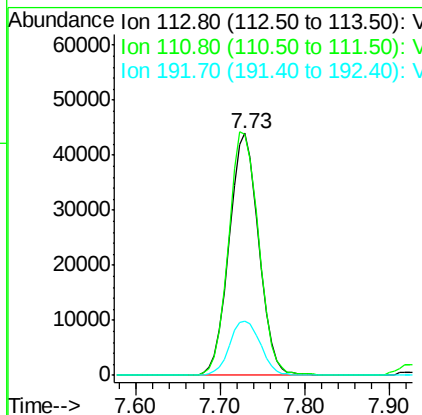
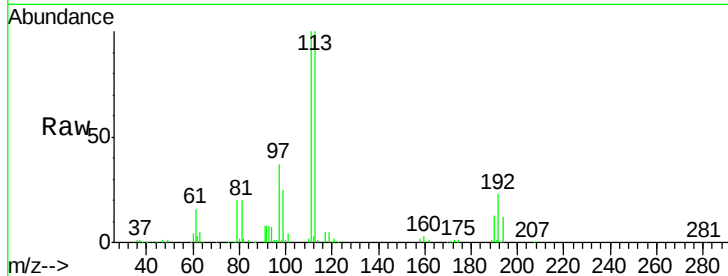
#35  
 Dibromofluoromethane  
 Concen: 48.976 ug/l  
 RT: 7.73 min Scan# 983  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 102.5 | 81.8 | 122.6 |       |
| 192     | 23.6  | 18.8 | 28.2  |       |

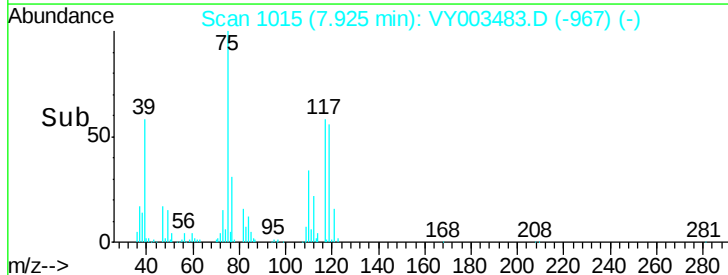
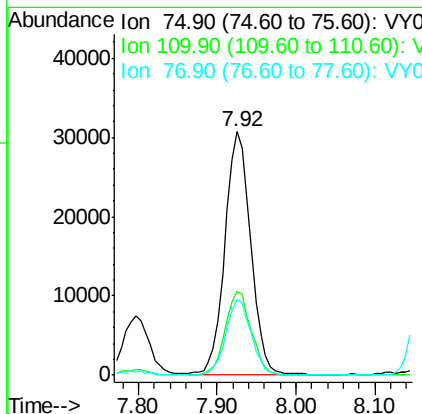
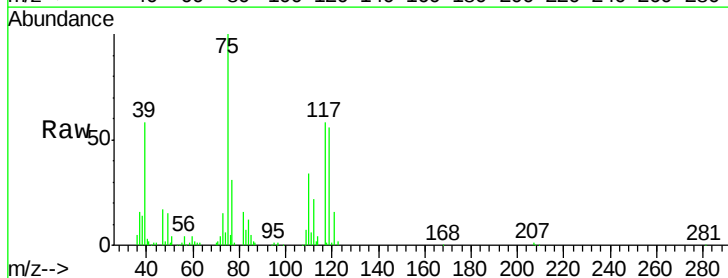
Manual Integrations  
 APPROVED

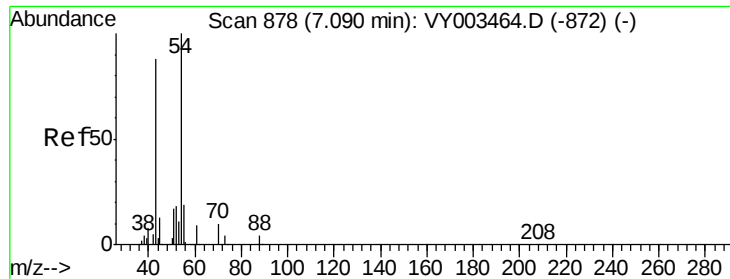
MMDadoda  
 11/4/2020 11:57:39 AM



#36  
 1,1-Dichloropropene  
 Concen: 21.279 ug/l  
 RT: 7.92 min Scan# 1015  
 Delta R.T. -0.01 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 34.1  | 17.6 | 52.9  |       |
| 77      | 30.5  | 24.7 | 37.1  |       |





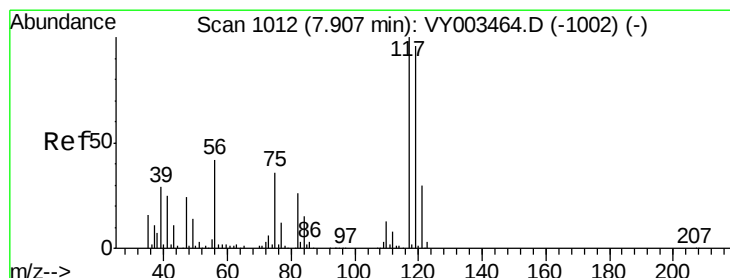
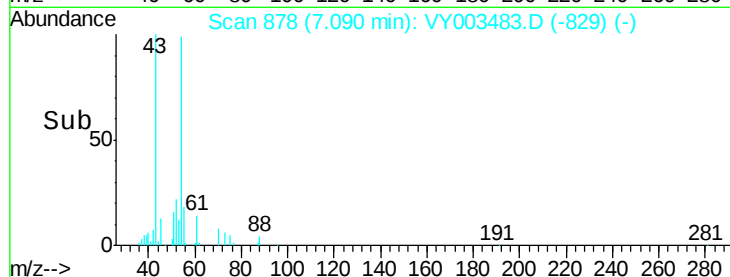
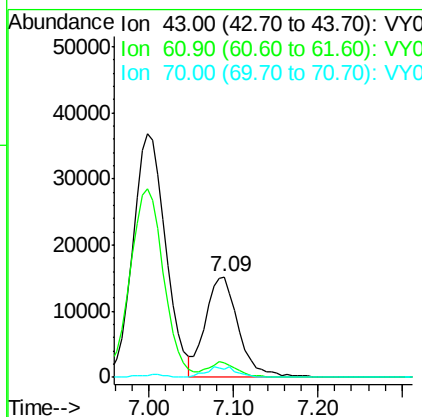
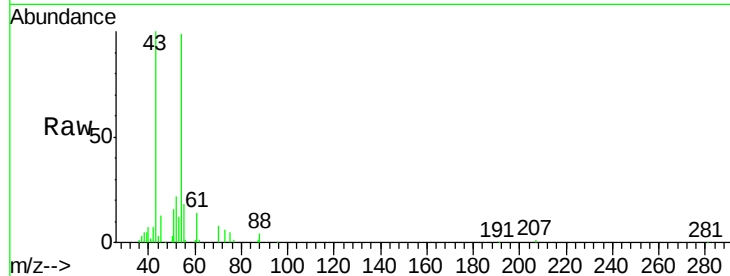
#37  
Ethyl Acetate  
Concen: 20.323 ug/l  
RT: 7.09 min Scan# 878  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.1  | 11.0  | 16.6  |
| 70      | 9.6   | 7.9   | 11.9  |

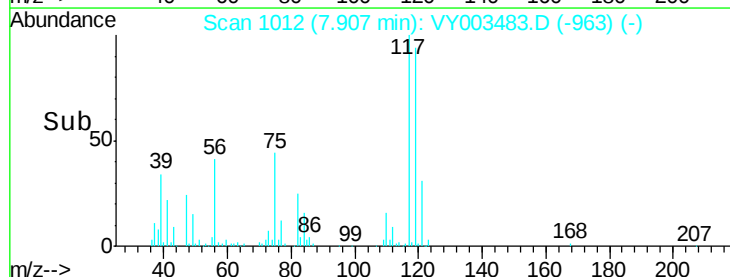
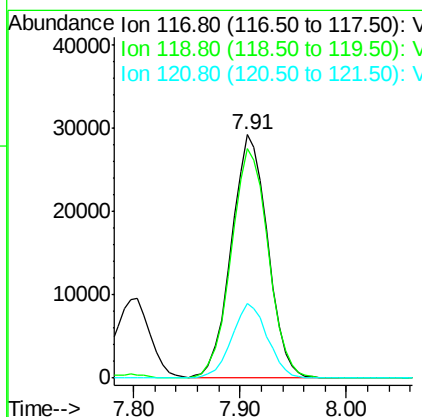
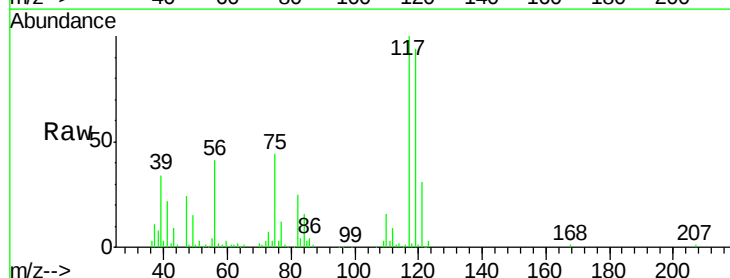
Manual Integrations  
APPROVED

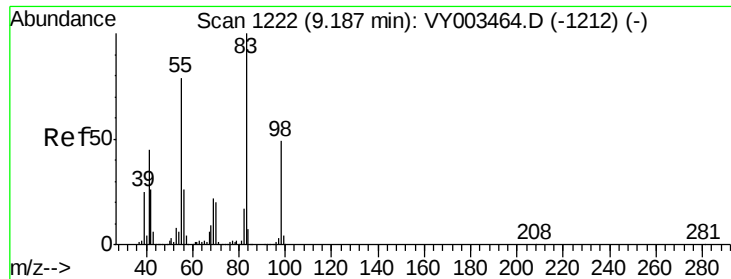
MMDadoda  
11/4/2020 11:57:39 AM



#38  
Carbon Tetrachloride  
Concen: 20.409 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.5  | 76.2  | 114.4 |
| 121     | 30.7  | 24.2  | 36.4  |





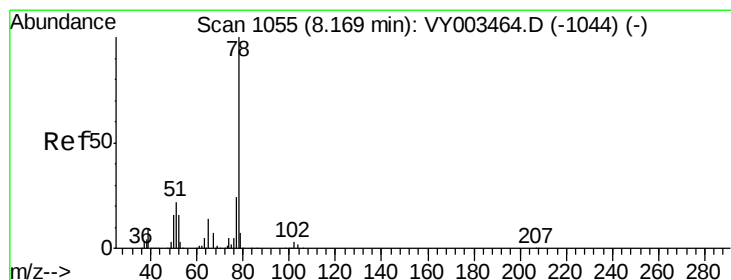
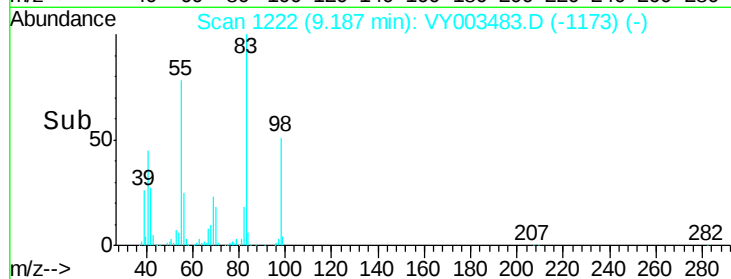
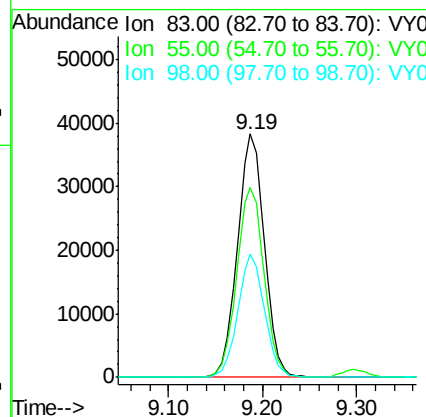
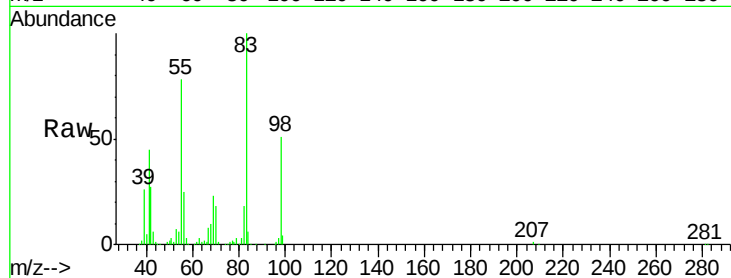
#39  
Methvlcvclohexane  
Concen: 20.713 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 78.2  | 63.5  | 95.3  |
| 98      | 50.6  | 39.4  | 59.2  |

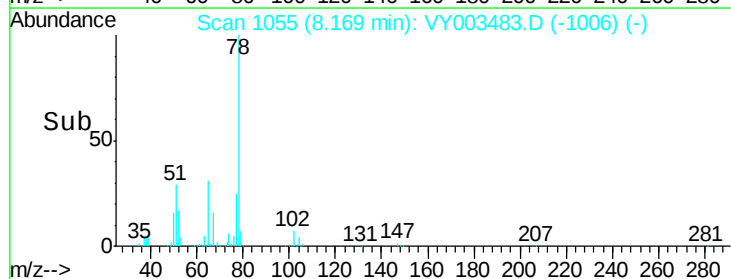
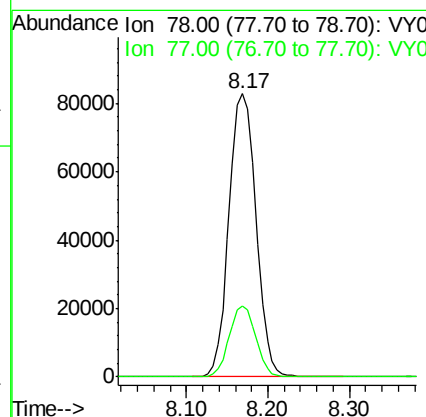
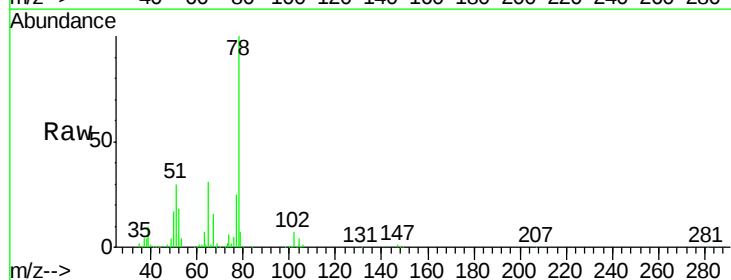
Manual Integrations  
APPROVED

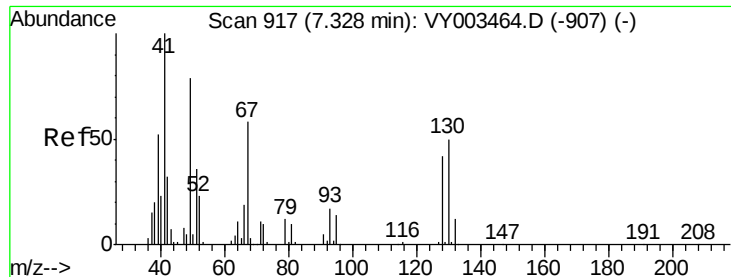
MMDadoda  
11/4/2020 11:57:39 AM



#40  
Benzene  
Concen: 20.661 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.0  | 19.4  | 29.0  |





#41

Methacrylonitrile

Concen: 19.229 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 41 Resp: 21087

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

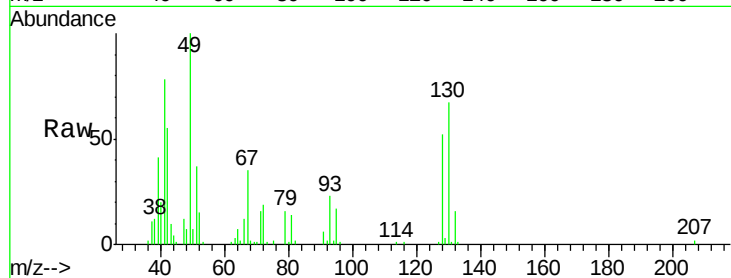
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations  
APPROVED

MMDadoda

11/4/2020 11:57:39 AM

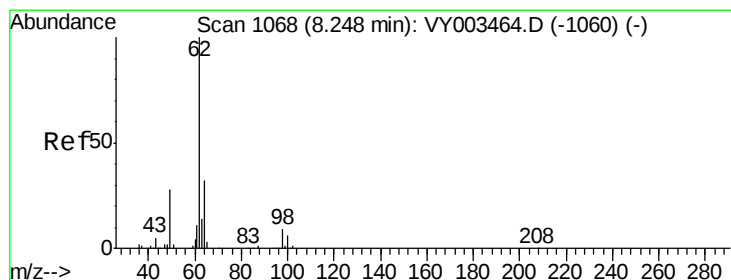
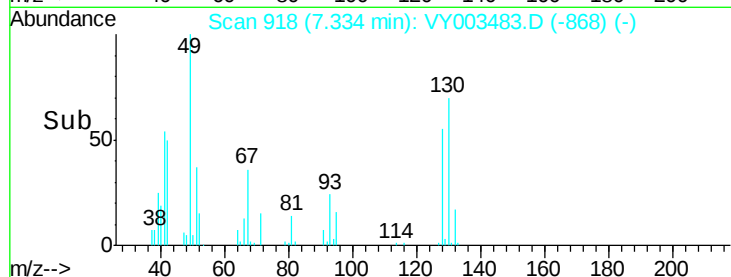
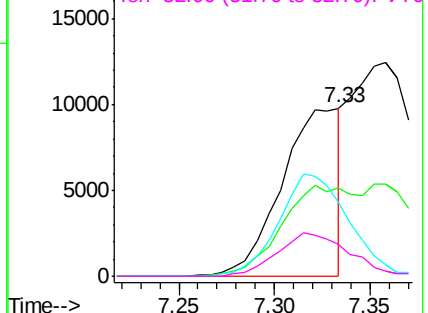


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.355 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY003483.D

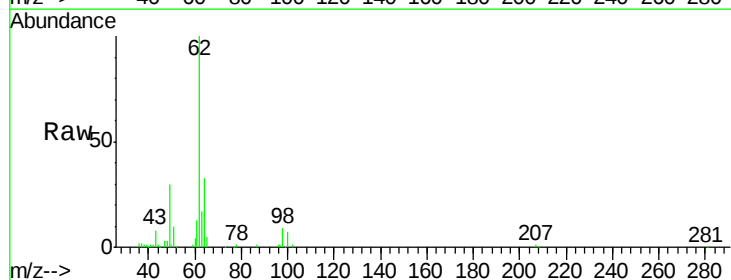
Acq: 03 Nov 2020 11:48

Tgt Ion: 62 Resp: 58698

Ion Ratio Lower Upper

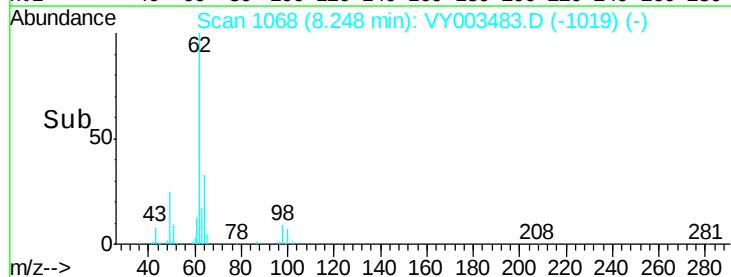
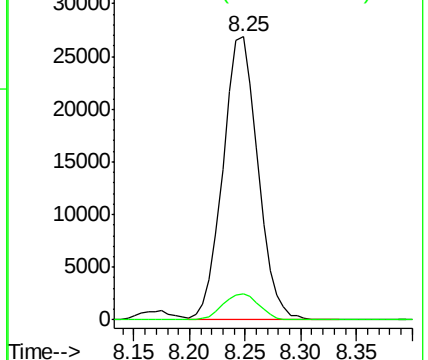
62 100

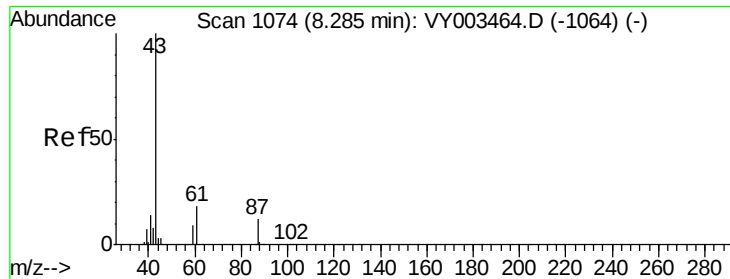
98 9.5 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

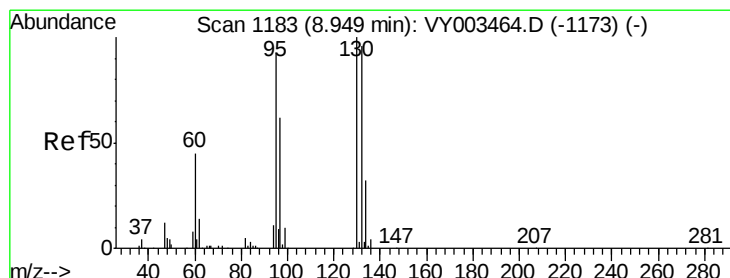
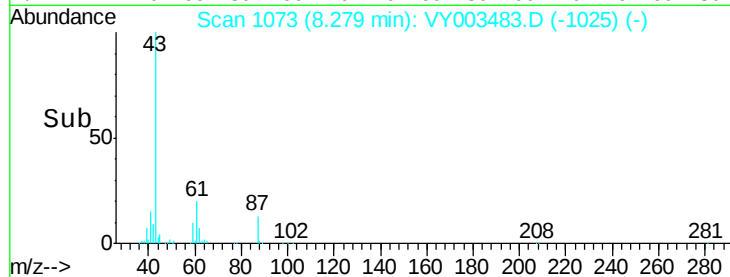
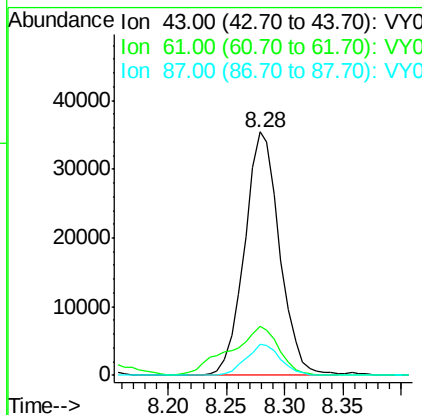
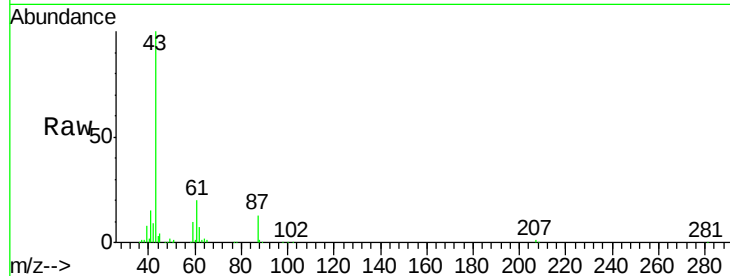
Isopropyl Acetate  
 Concen: 20.127 ug/l  
 RT: 8.28 min Scan# 1073  
 Delta R.T. -0.01 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

| Tot Ion   | 43   | Resp  | 74283 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 61        | 28.0 | 21.9  | 32.9  |
| 87        | 12.4 | 10.0  | 15.0  |

Manual Integrations  
 APPROVED

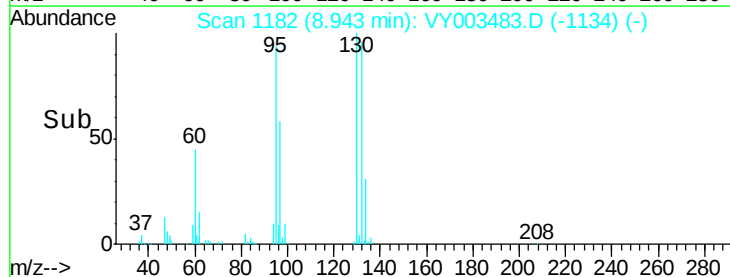
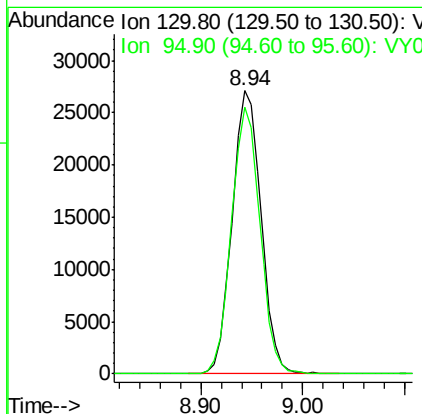
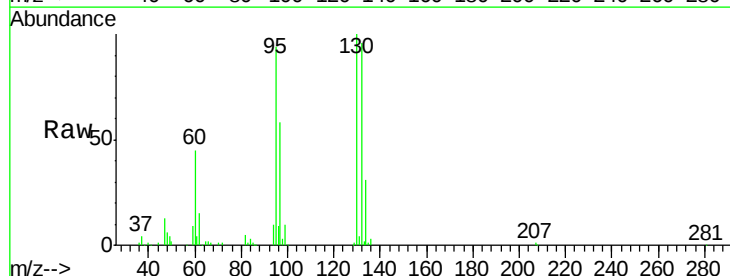
MMDadoda  
 11/4/2020 11:57:39 AM

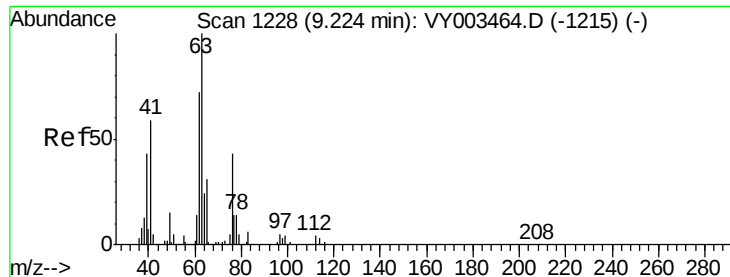


#44

Trichloroethene  
 Concen: 20.577 ug/l  
 RT: 8.94 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

| Tgt Ion   | 130  | Resp  | 53165 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 130       | 100  |       |       |
| 95        | 94.1 | 0.0   | 186.6 |





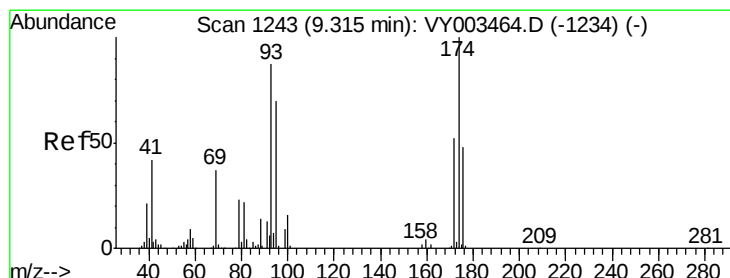
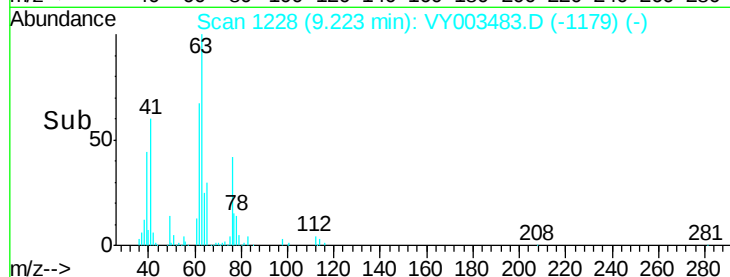
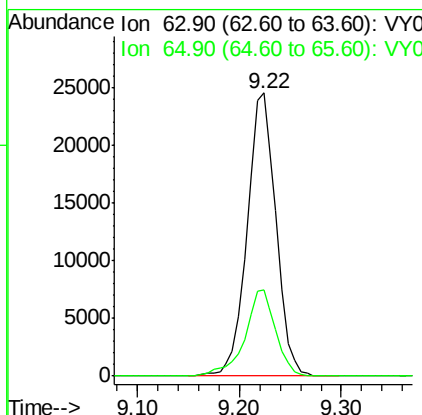
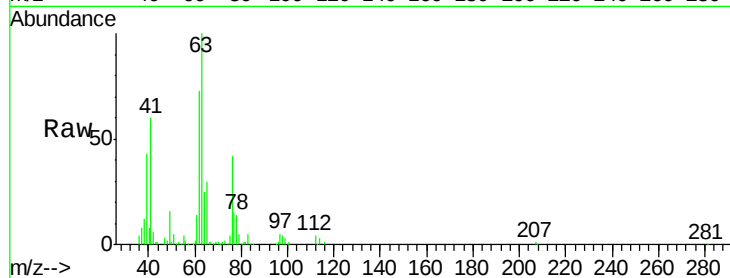
#45  
 1,2-Dichloropropane  
 Concen: 20.838 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.4  | 24.6  | 36.8  |

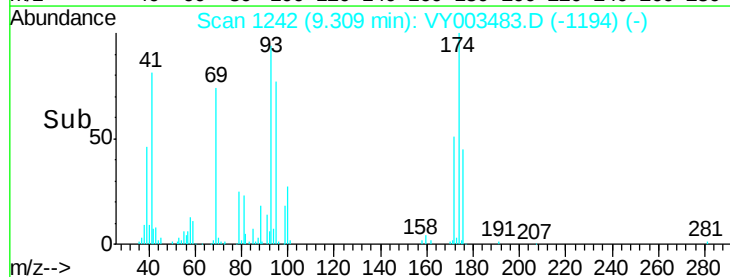
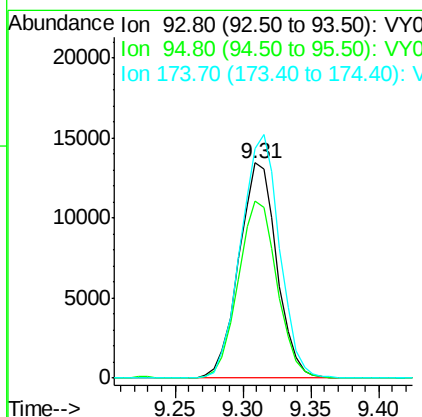
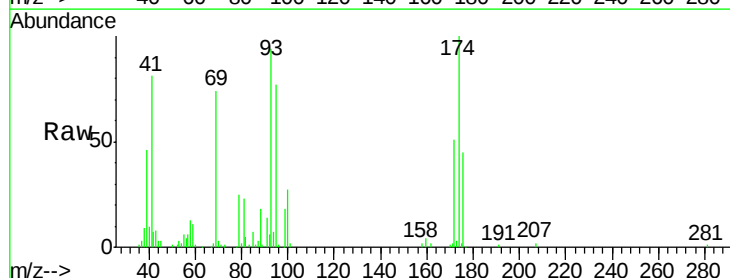
Manual Integrations  
 APPROVED

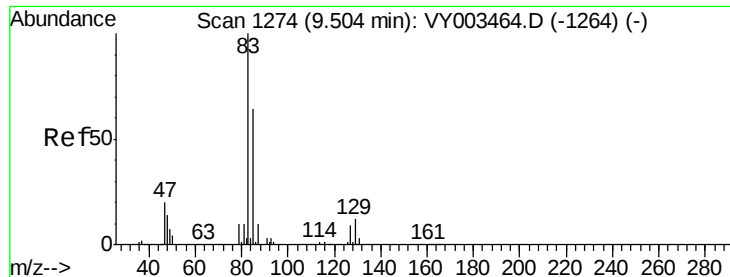
MMDadoda  
 11/4/2020 11:57:39 AM



#46  
 Dibromomethane  
 Concen: 20.508 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.01 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.9  | 65.0  | 97.6  |
| 174     | 115.3 | 91.8  | 137.6 |





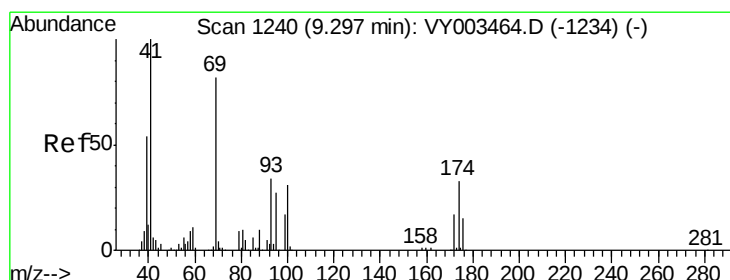
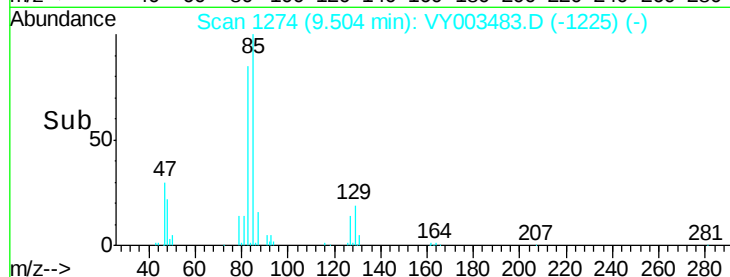
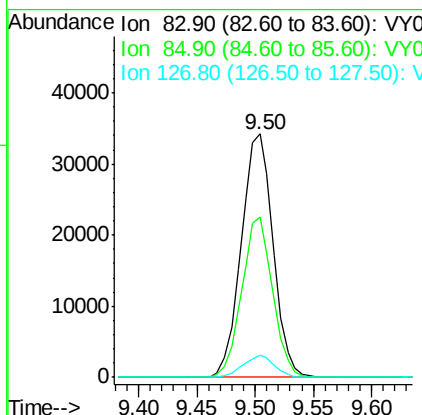
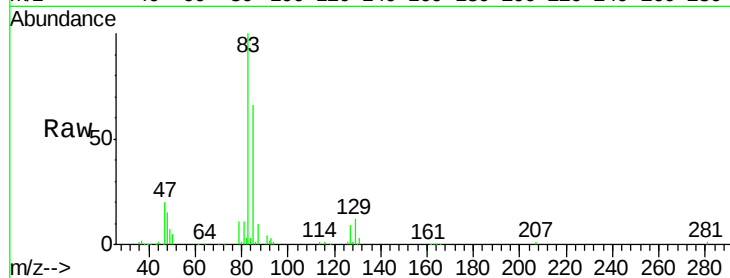
#47  
Bromodichloromethane  
Concen: 20.824 ug/l  
RT: 9.50 min Scan# 1274  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.9  | 51.0  | 76.6  |
| 127     | 8.9   | 7.1   | 10.7  |

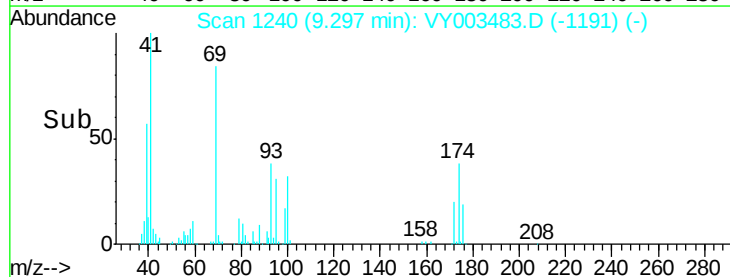
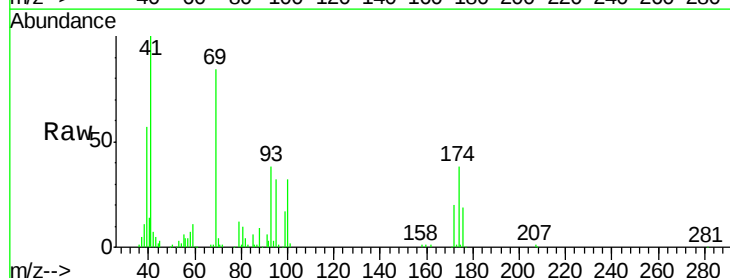
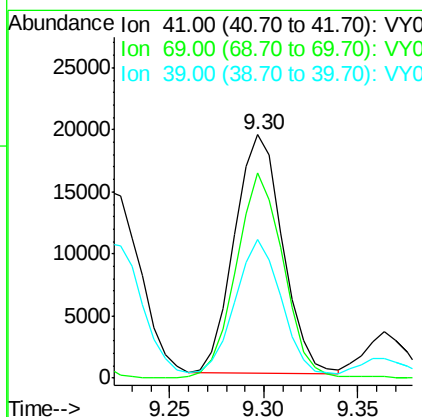
Manual Integrations  
APPROVED

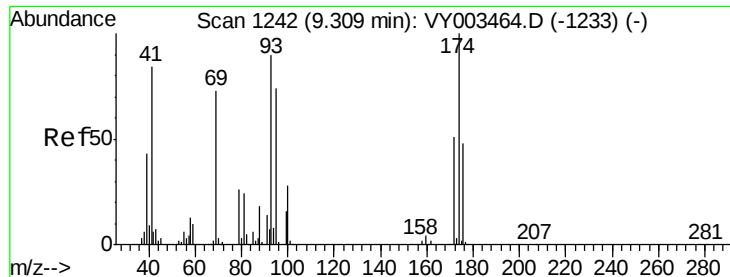
MMDadoda  
11/4/2020 11:57:39 AM



#48  
Methyl methacrylate  
Concen: 19.627 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 84.5  | 65.9  | 98.9  |
| 39      | 57.7  | 43.2  | 64.8  |





#49

1,4-Dioxane

Concen: 392.294 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

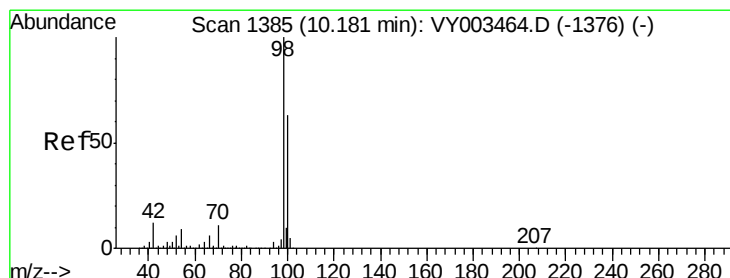
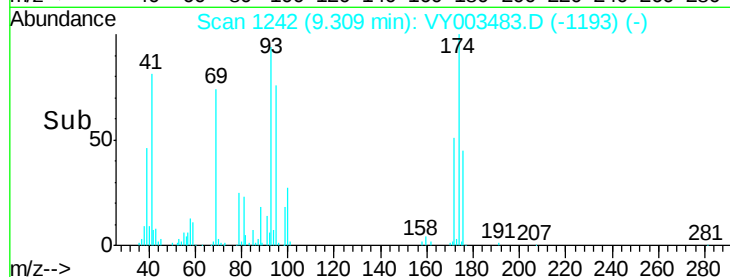
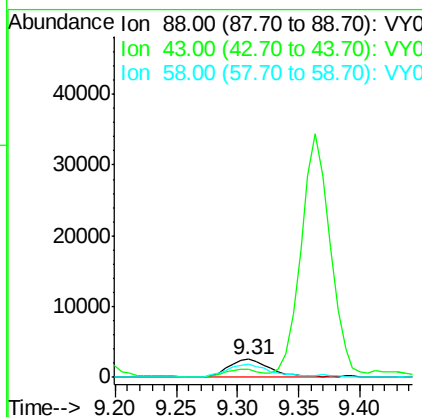
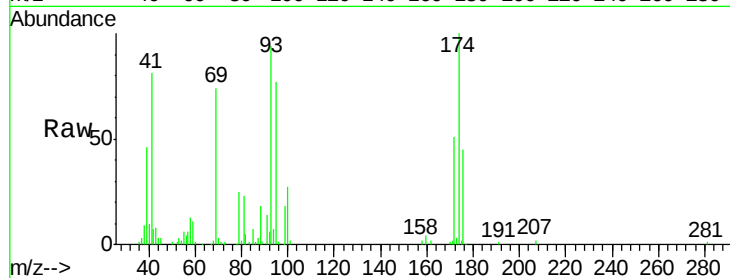
ClientSampleId :

VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.1  | 27.6  | 41.4  |
| 58      | 74.8  | 54.2  | 81.2  |

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM



#50

Toluene-d8

Concen: 48.220 ug/l

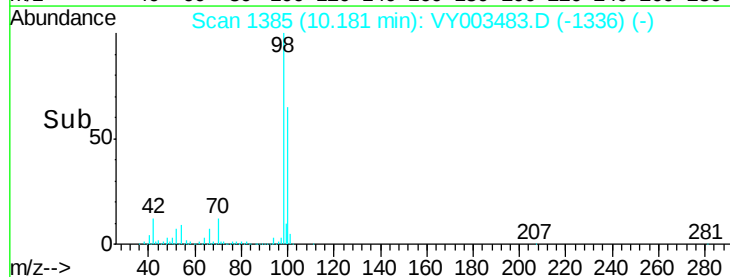
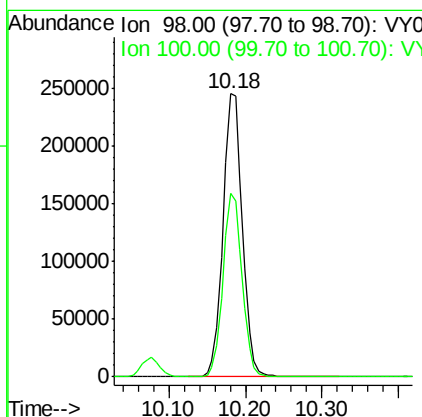
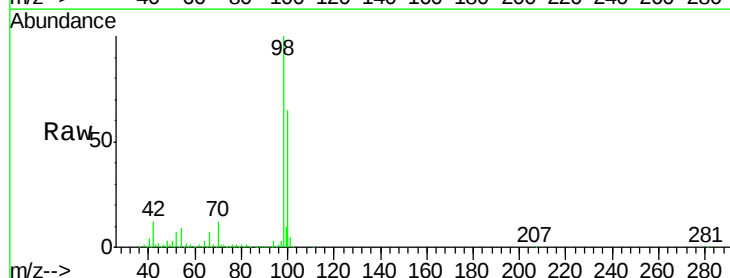
RT: 10.18 min Scan# 1385

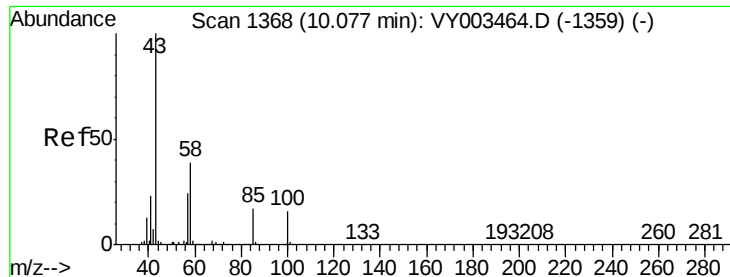
Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.1  | 50.9  | 76.3  |





#51

4-Methyl-2-Pentanone

Concen: 101.926 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion: 43 Resp: 200427

Ion Ratio Lower Upper

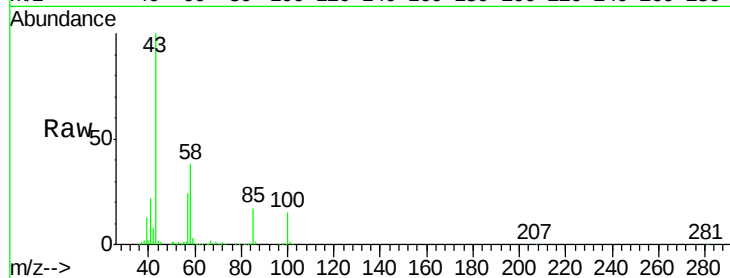
43 100

58 38.3 31.0 46.4

Manual Integrations  
APPROVED

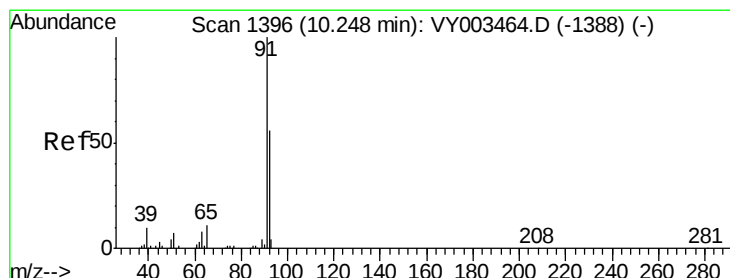
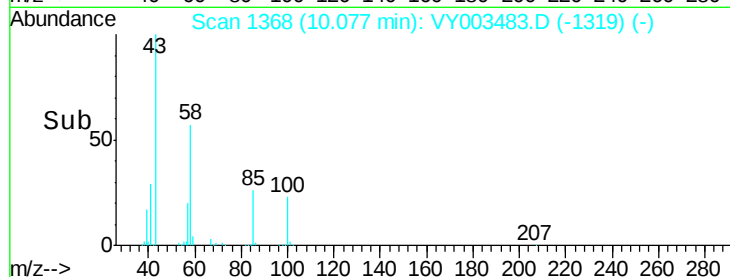
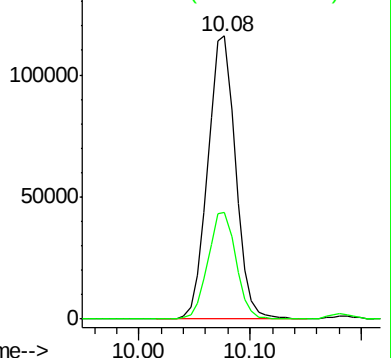
MMDadoda

11/4/2020 11:57:39 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.637 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY003483.D

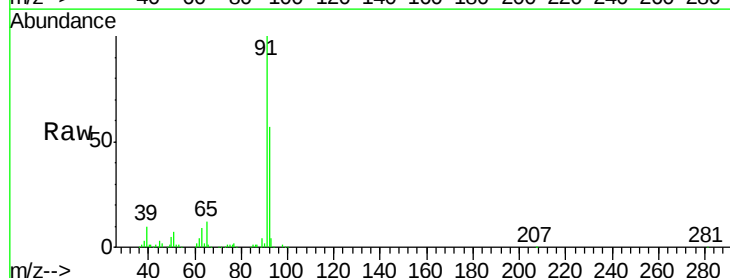
Acq: 03 Nov 2020 11:48

Tgt Ion: 92 Resp: 118796

Ion Ratio Lower Upper

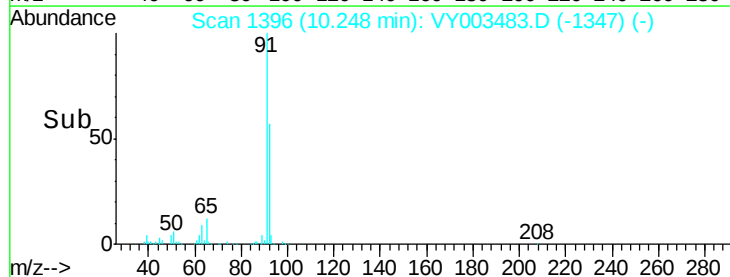
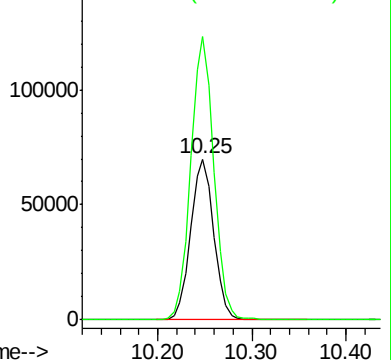
92 100

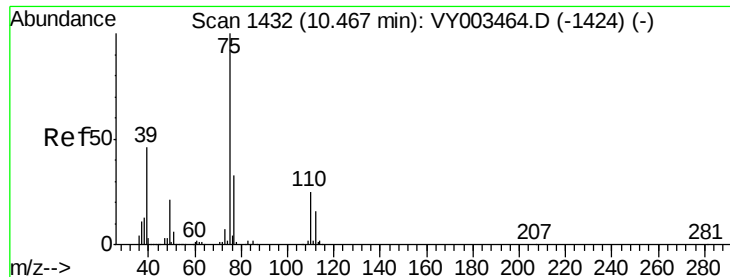
91 176.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





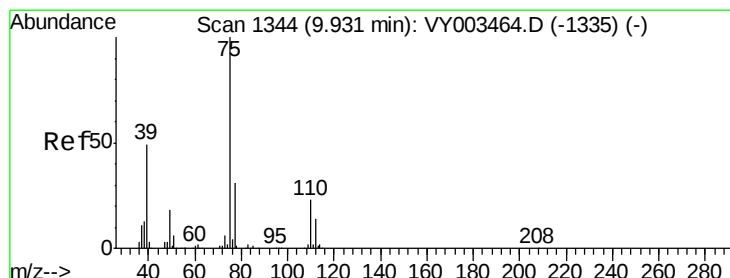
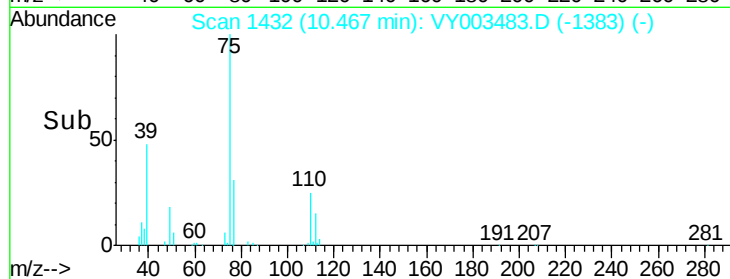
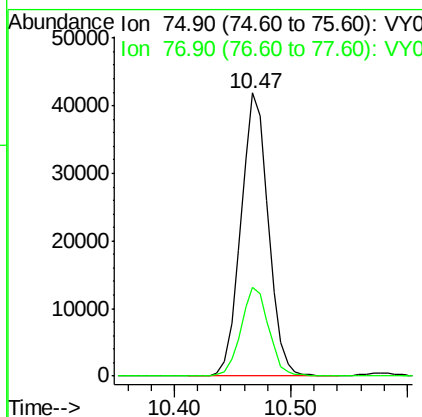
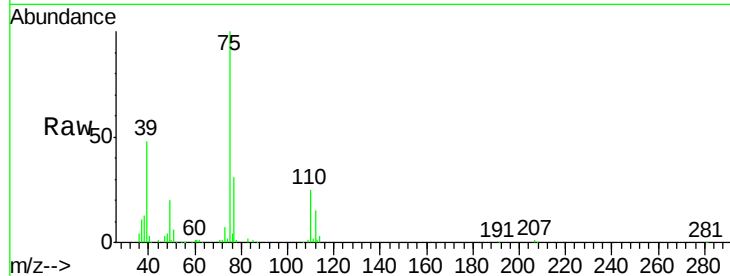
#53  
t-1,3-Dichloropropene  
Concen: 20.728 ug/l  
RT: 10.47 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.2  | 26.2  | 39.4  |

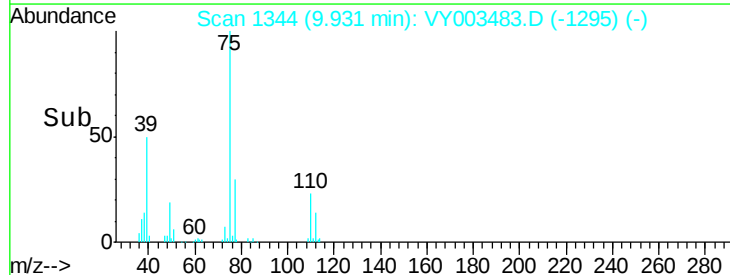
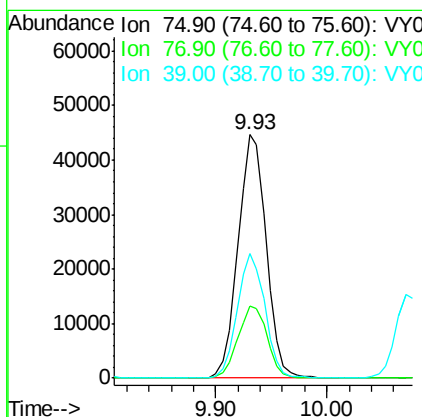
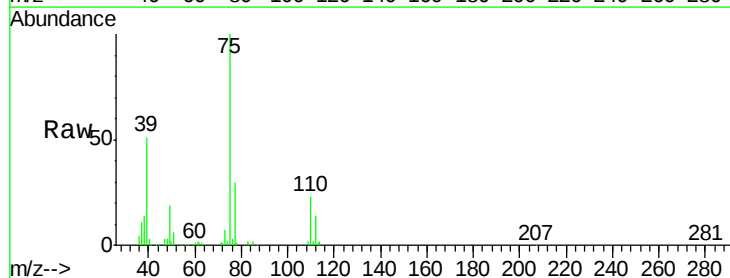
Manual Integrations  
APPROVED

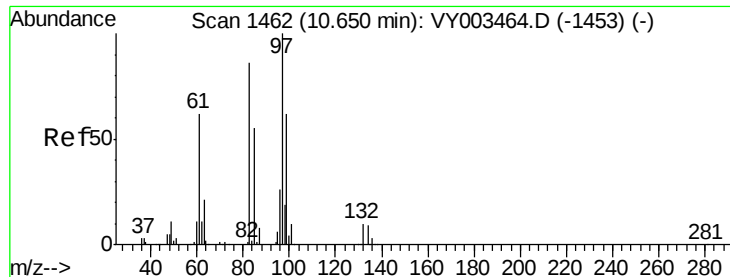
MMDadoda  
11/4/2020 11:57:39 AM



#54  
cis-1,3-Dichloropropene  
Concen: 20.811 ug/l  
RT: 9.93 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.8  | 24.5  | 36.7  |
| 39      | 51.0  | 39.0  | 58.4  |





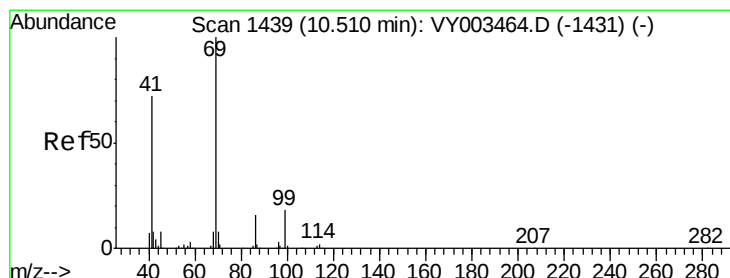
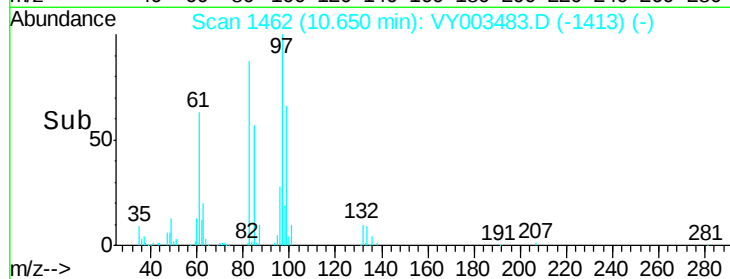
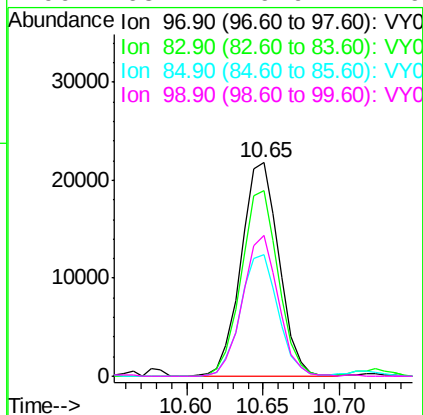
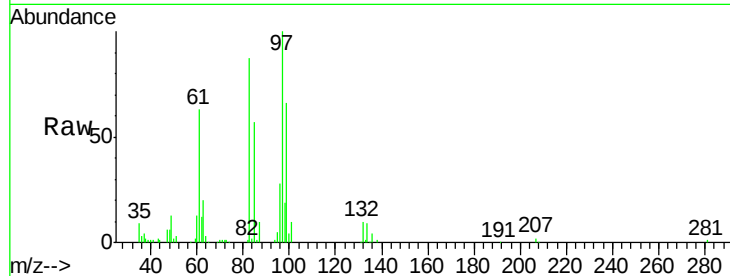
#55  
 1,1,2-Trichloroethane  
 Concen: 20.738 ug/l  
 RT: 10.65 min Scan# 1462  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 37642 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.2  | 68.6  | 102.8 |
| 85       | 56.7  | 43.8  | 65.6  |
| 99       | 65.7  | 49.9  | 74.9  |

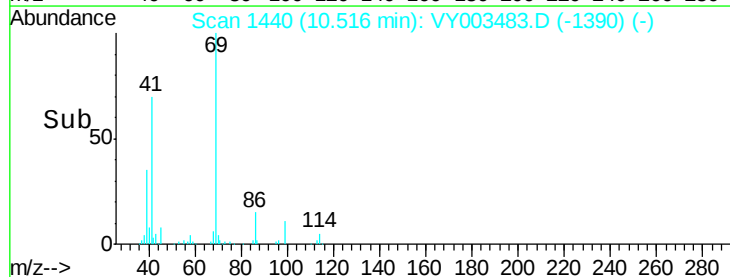
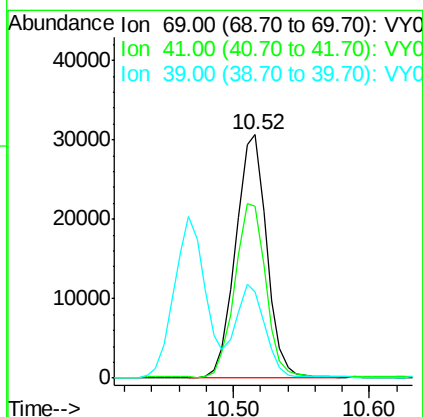
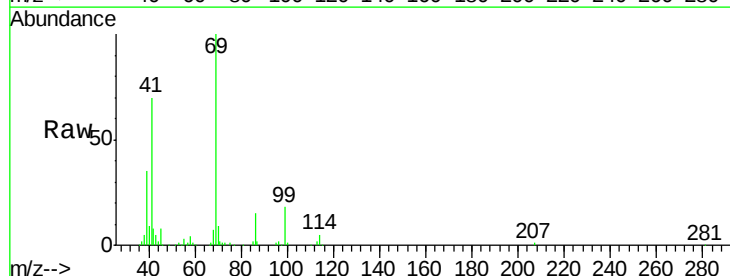
Manual Integrations  
 APPROVED

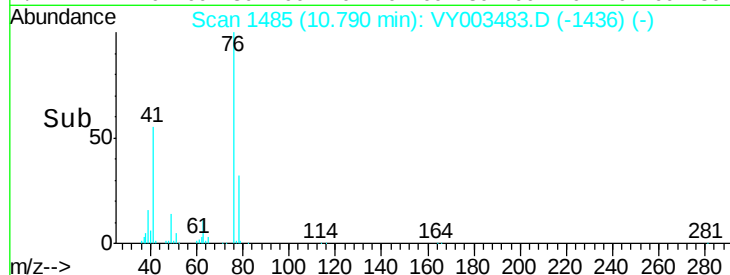
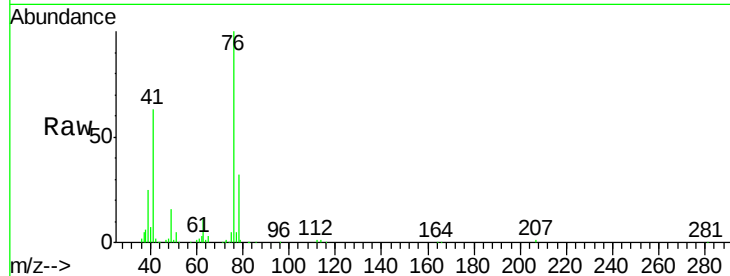
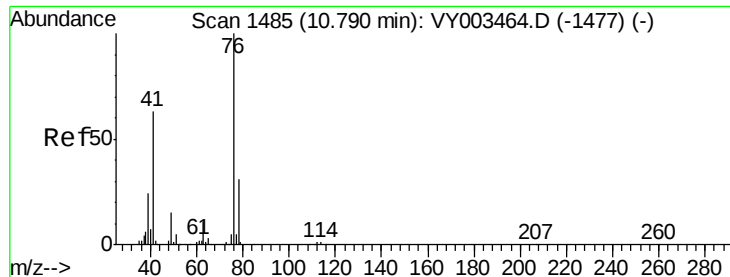
MMDadoda  
 11/4/2020 11:57:39 AM



#56  
 Ethyl methacrylate  
 Concen: 20.121 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. 0.01 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 48921 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 71.2  | 55.4  | 83.2  |
| 39       | 36.9  | 28.7  | 43.1  |





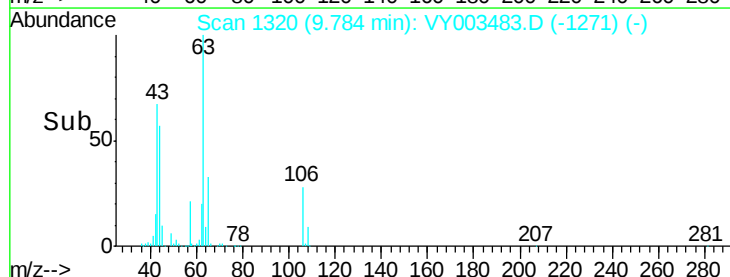
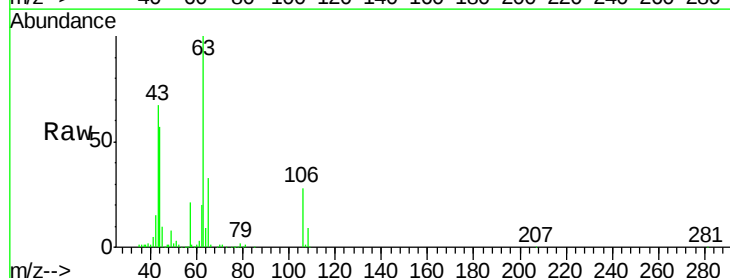
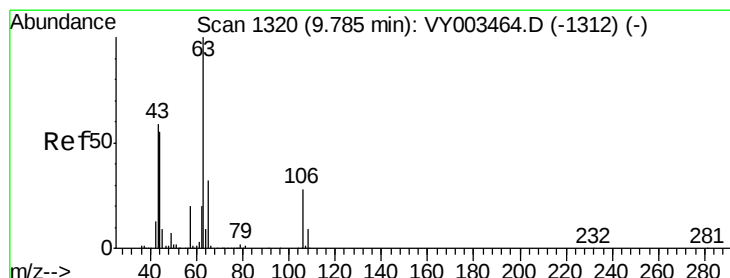
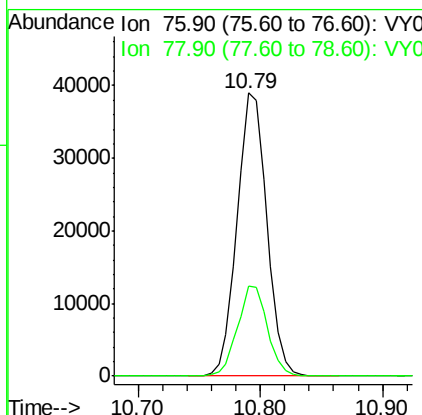
#57  
 1,3-Dichloropropane  
 Concen: 20.785 ug/l  
 RT: 10.79 min Scan# 1485  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Tot Ion: 76 Resp: 65604  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.8 38.8

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

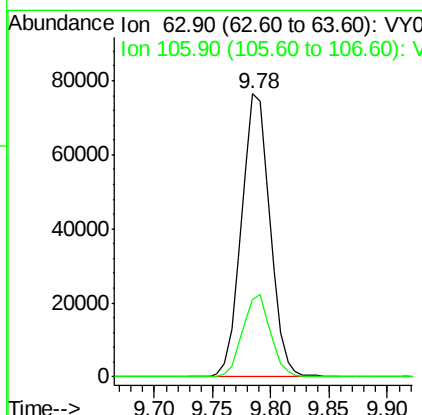
Manual Integrations  
 APPROVED

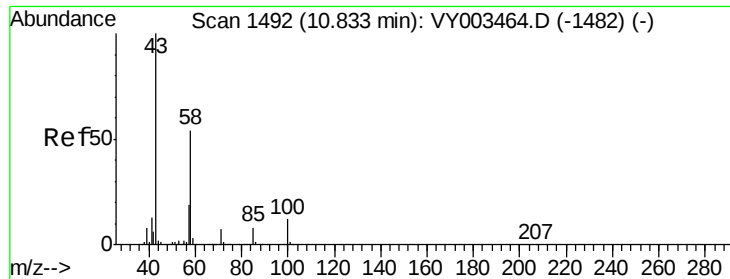
MMDadoda  
 11/4/2020 11:57:39 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 106.593 ug/l  
 RT: 9.78 min Scan# 1320  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Tgt Ion: 63 Resp: 131378  
 Ion Ratio Lower Upper  
 63 100  
 106 28.4 22.3 33.5





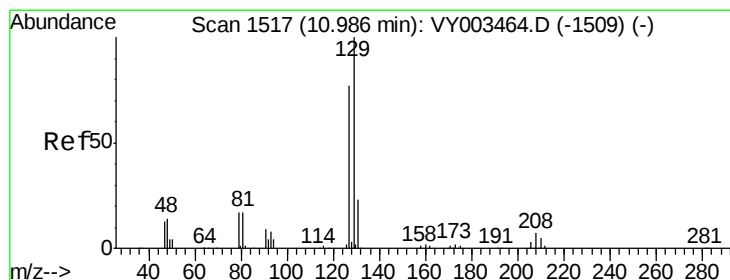
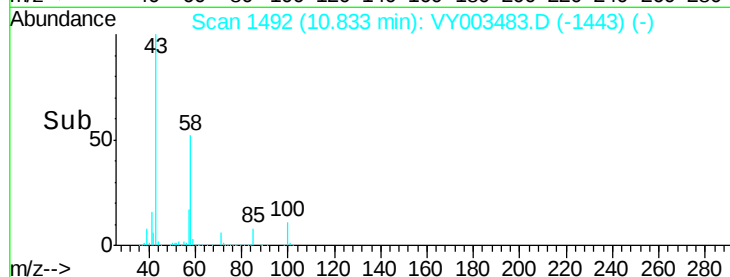
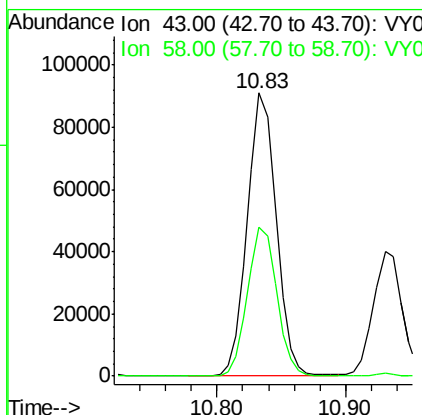
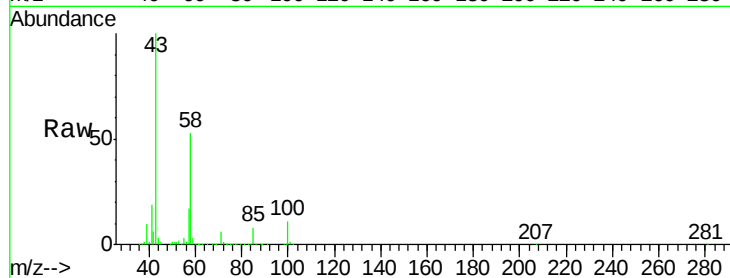
#59  
2-Hexanone  
Concen: 96.907 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampled :  
VY1103SBS01

Tot Ion: 43 Resp: 141089  
Ion Ratio Lower Upper  
43 100  
58 53.4 26.8 80.3

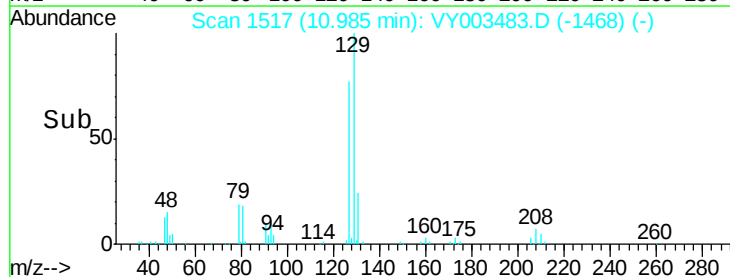
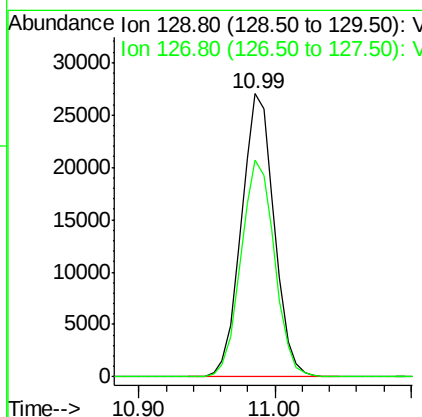
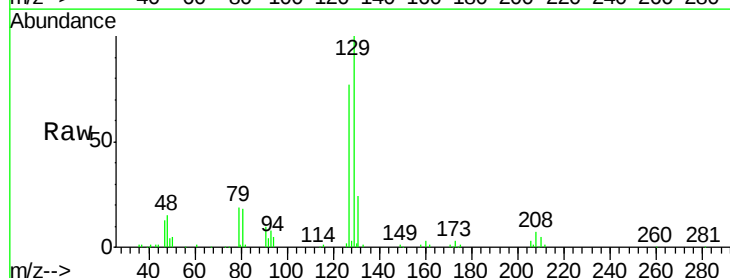
Manual Integrations  
APPROVED

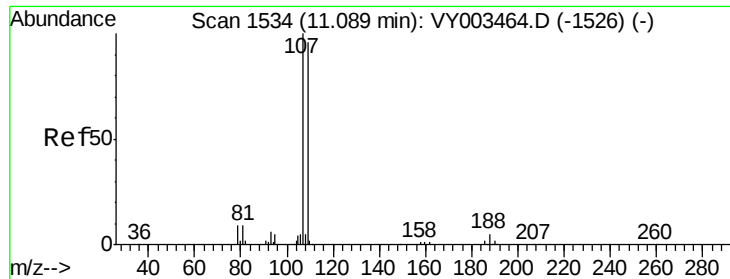
MMDadoda  
11/4/2020 11:57:39 AM



#60  
Dibromochloromethane  
Concen: 20.391 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Tgt Ion: 129 Resp: 45491  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.8 116.3





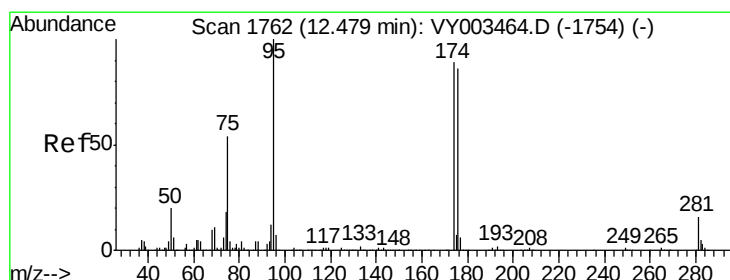
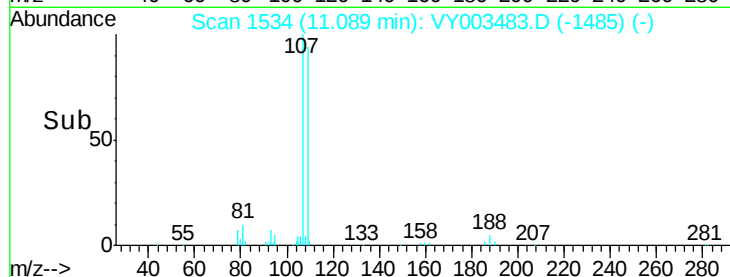
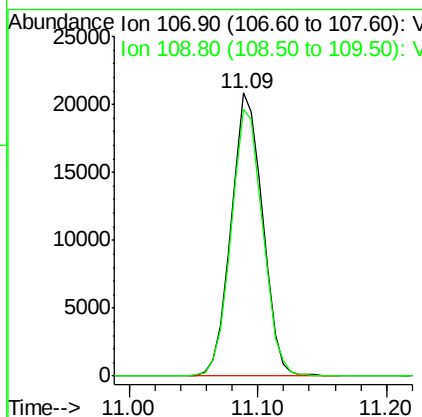
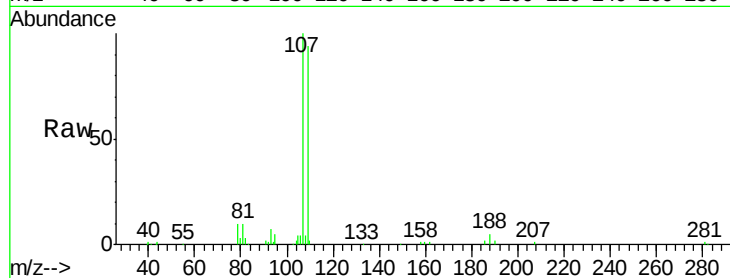
#61  
 1,2-Dibromoethane  
 Concen: 20.185 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

Tot Ion: 107 Resp: 35372  
 Ion Ratio Lower Upper  
 107 100  
 109 95.5 76.5 114.7

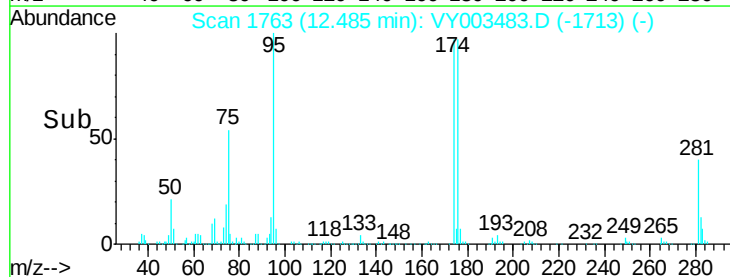
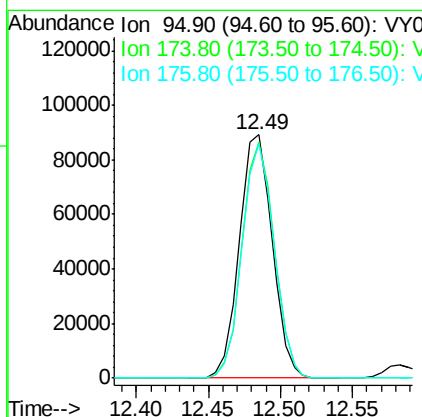
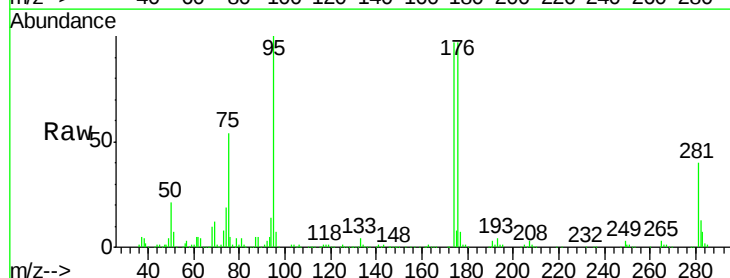
Manual Integrations  
 APPROVED

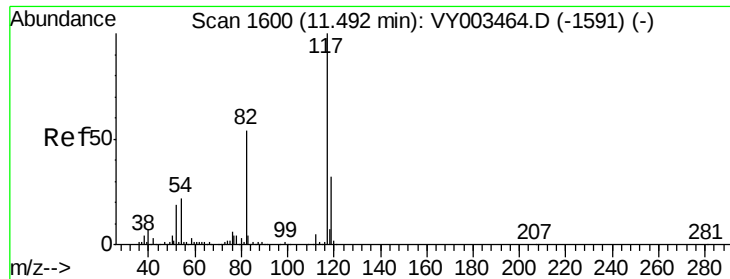
MMDadoda  
 11/4/2020 11:57:39 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.069 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. 0.01 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Tgt Ion: 95 Resp: 141424  
 Ion Ratio Lower Upper  
 95 100  
 174 94.9 0.0 193.0  
 176 93.7 0.0 187.4





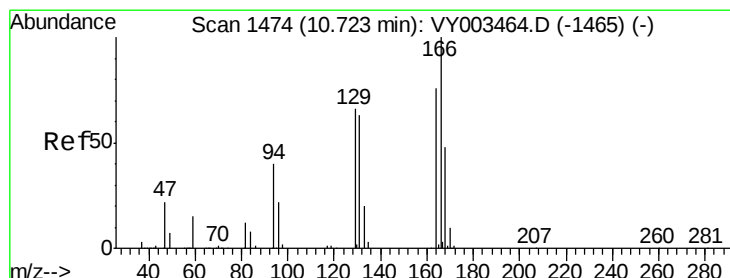
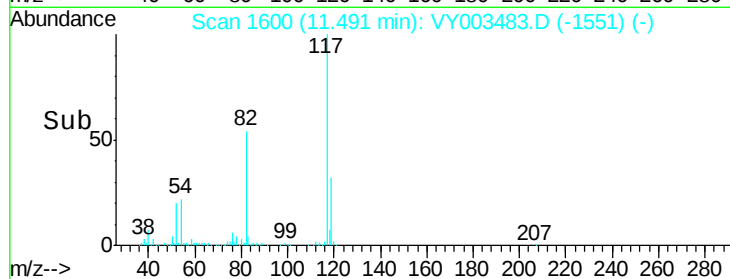
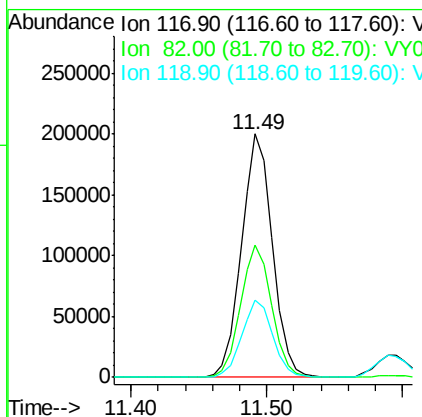
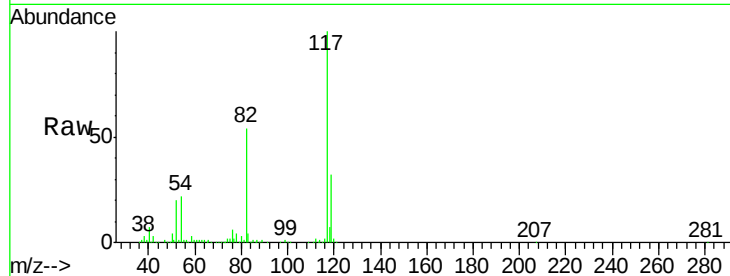
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 317144 |       |       |
| 82      | 54.3  | 43.4   | 65.2  |       |
| 119     | 31.7  | 25.8   | 38.6  |       |

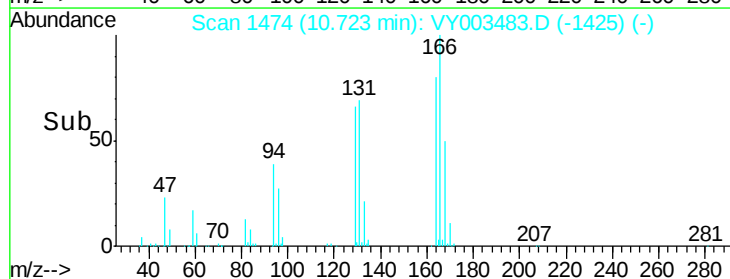
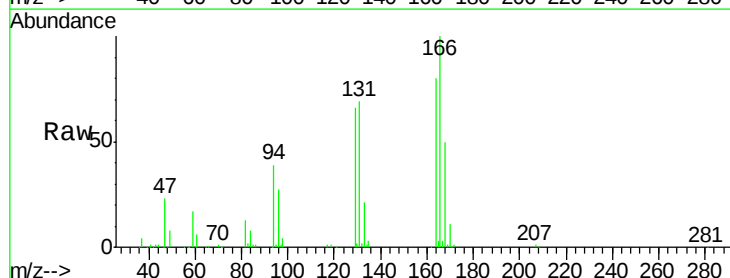
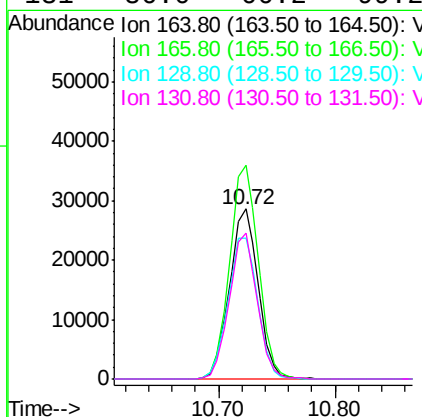
Manual Integrations  
APPROVED

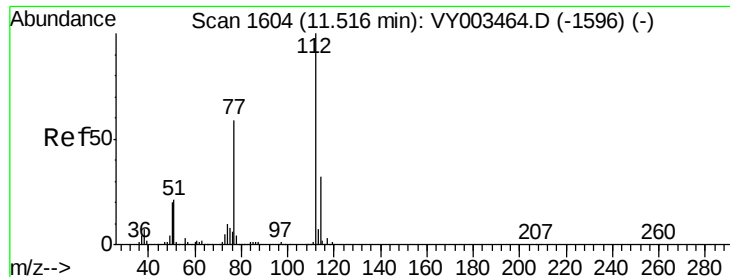
MMDadoda  
11/4/2020 11:57:39 AM



#64  
Tetrachloroethene  
Concen: 20.754 ug/l  
RT: 10.72 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 49155 |       |       |
| 166     | 125.5 | 104.9 | 157.3 |       |
| 129     | 82.9  | 68.9  | 103.3 |       |
| 131     | 86.0  | 66.2  | 99.2  |       |





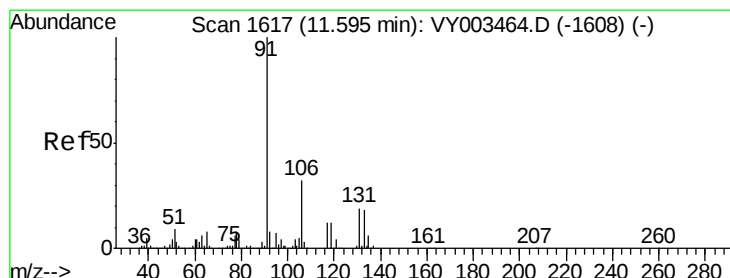
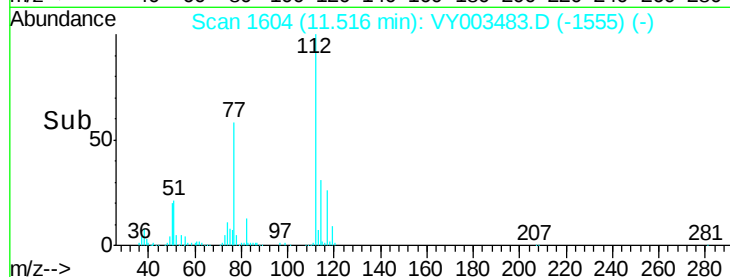
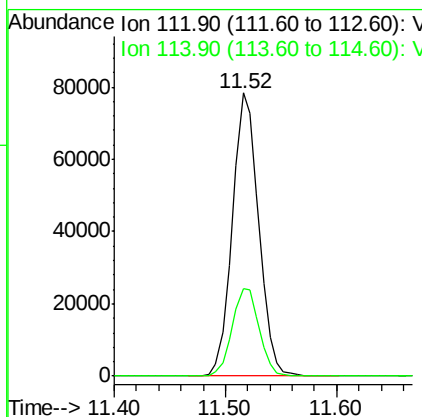
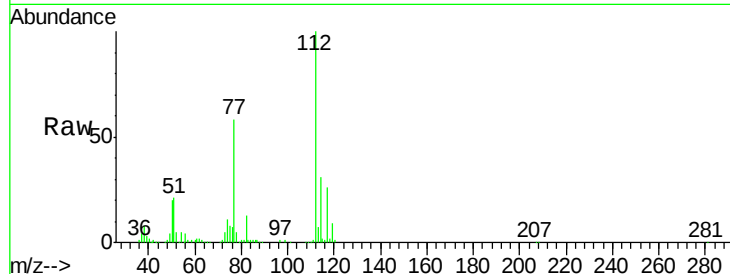
#65  
Chlorobenzene  
Concen: 20.747 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.1  | 25.5  | 38.3  |

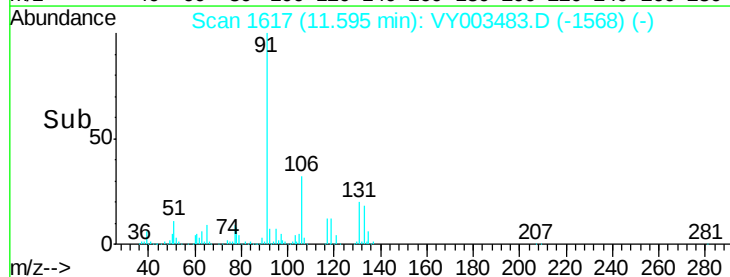
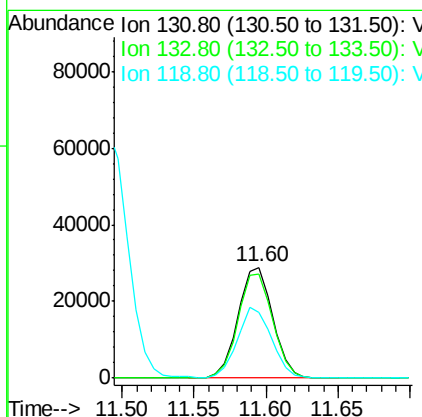
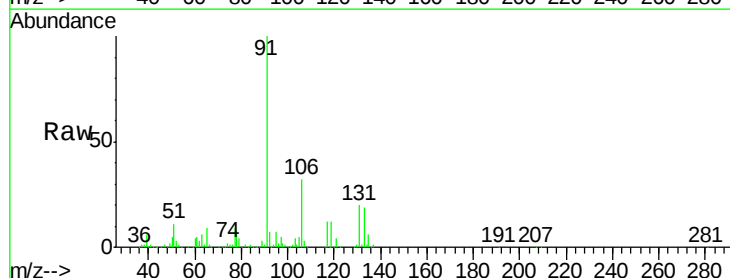
Manual Integrations  
APPROVED

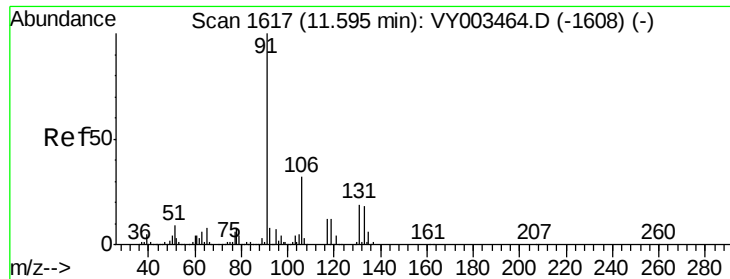
MMDadoda  
11/4/2020 11:57:39 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.780 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.1  | 47.4  | 142.2 |
| 119     | 63.0  | 31.6  | 95.0  |





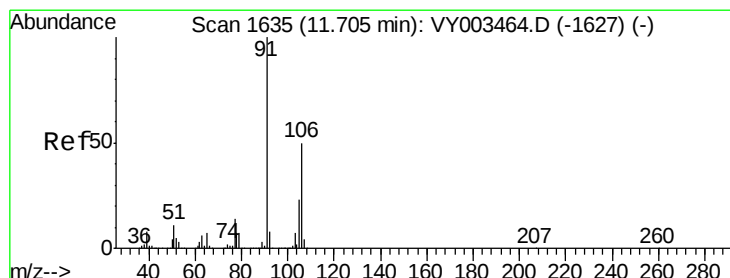
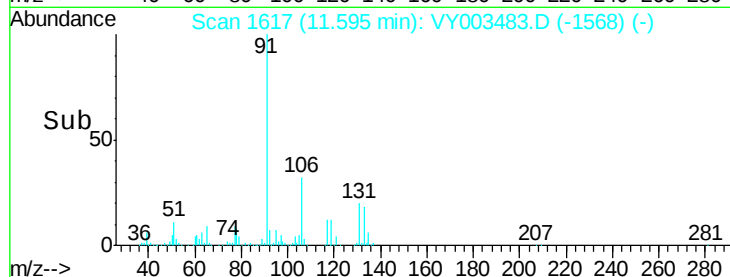
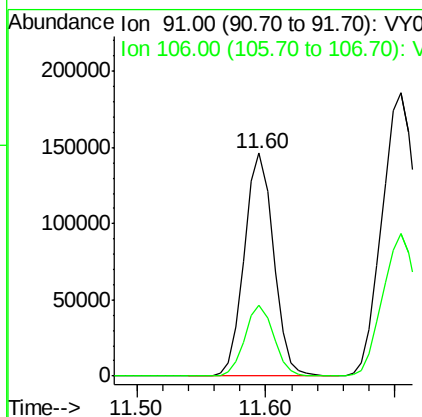
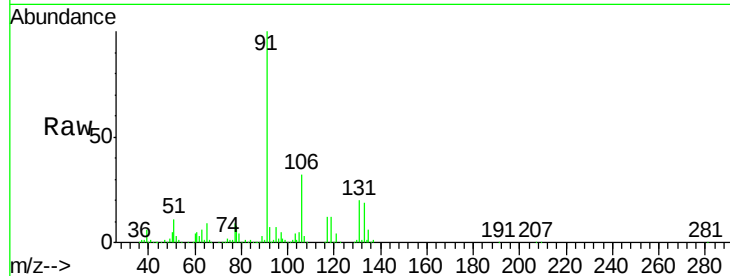
#67  
Ethyl Benzene  
Concen: 20.551 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

Tot Ion: 91 Resp: 229605  
Ion Ratio Lower Upper  
91 100  
106 31.9 25.4 38.0

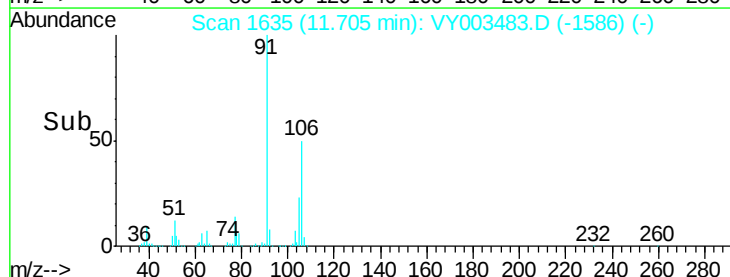
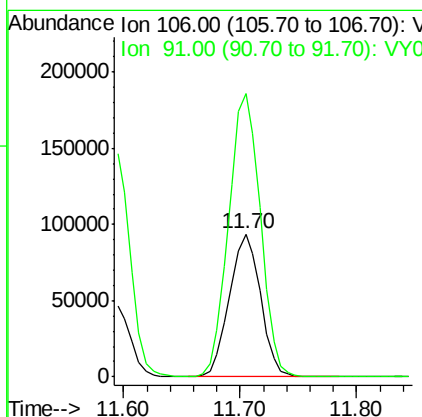
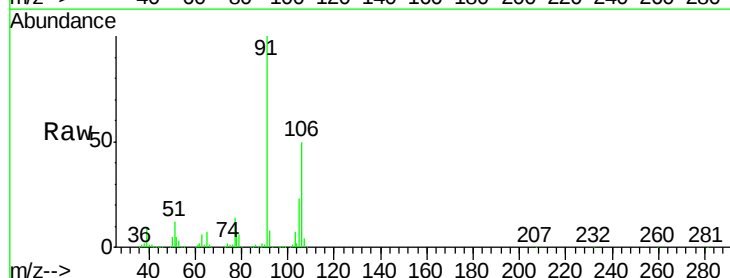
Manual Integrations  
APPROVED

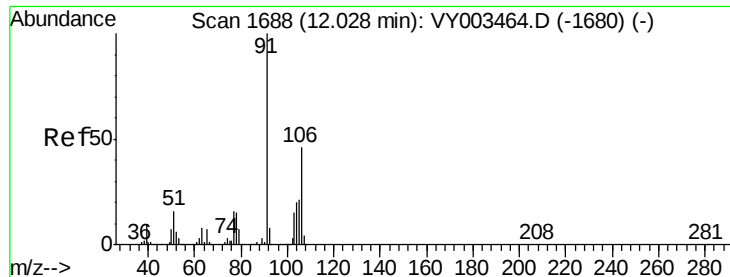
MMDadoda  
11/4/2020 11:57:39 AM



#68  
m/p-Xylenes  
Concen: 41.248 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Tgt Ion: 106 Resp: 174635  
Ion Ratio Lower Upper  
106 100  
91 202.1 161.0 241.6





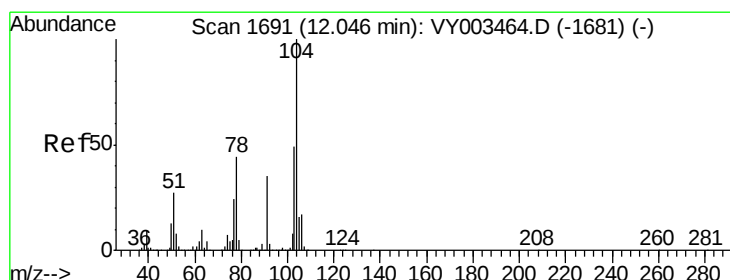
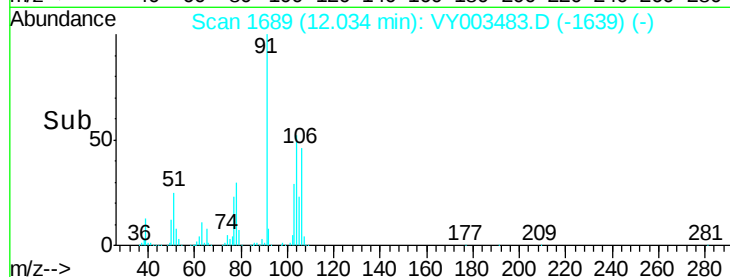
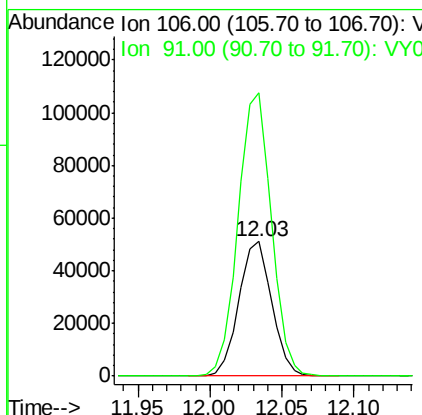
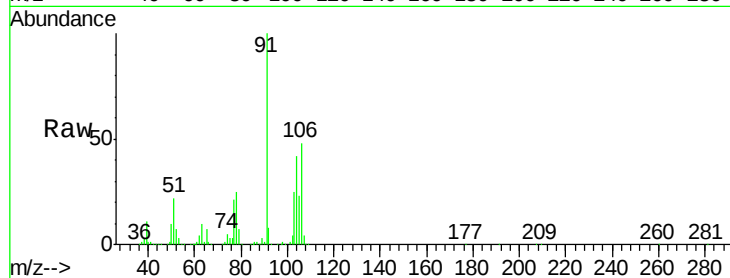
#69  
o-Xylene  
Concen: 20.795 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. 0.01 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

Tot Ion:106 Resp: 80986  
Ion Ratio Lower Upper  
106 100  
91 213.1 105.5 316.5

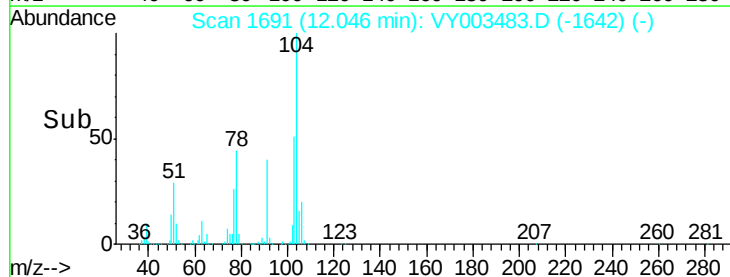
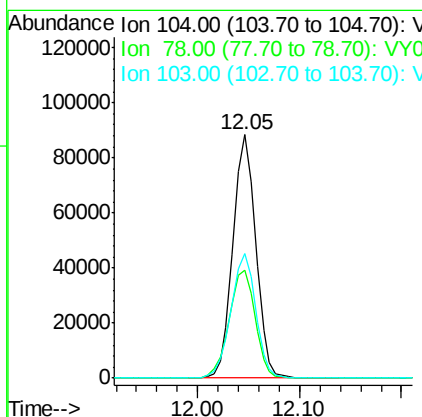
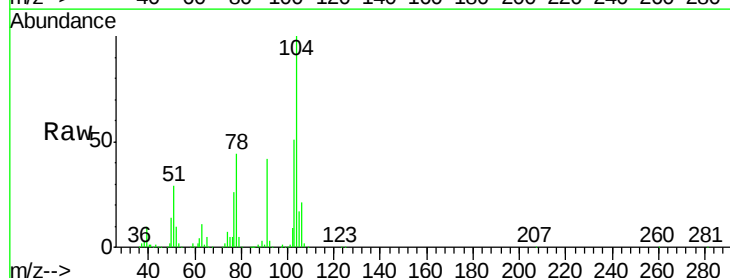
Manual Integrations  
APPROVED

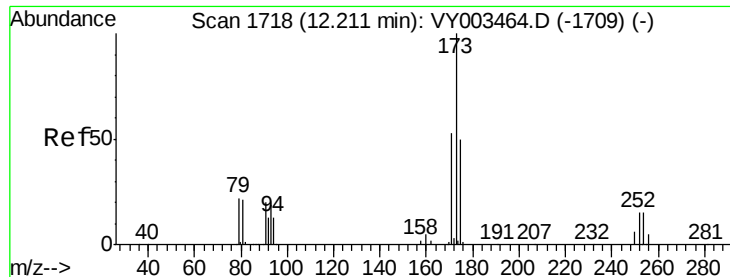
MMDadoda  
11/4/2020 11:57:39 AM



#70  
Styrene  
Concen: 20.723 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Tgt Ion:104 Resp: 137032  
Ion Ratio Lower Upper  
104 100  
78 50.3 39.5 59.3  
103 55.3 44.2 66.2





#71

Bromoform

Concen: 19.918 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion:173 Resp: 30848

Ion Ratio Lower Upper

173 100

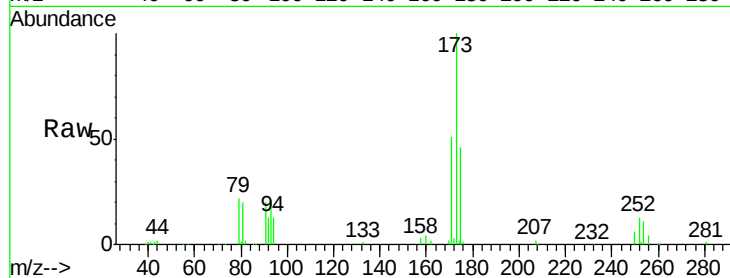
175 48.7 24.7 74.1

254 0.0 0.2 0.2#

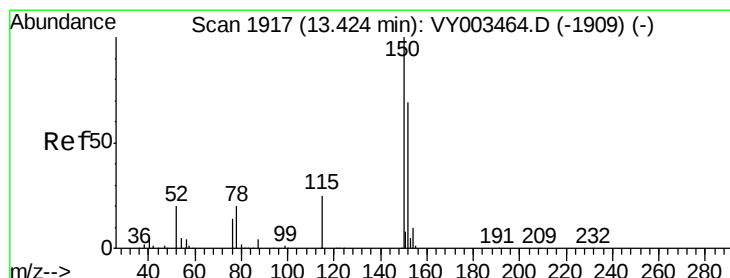
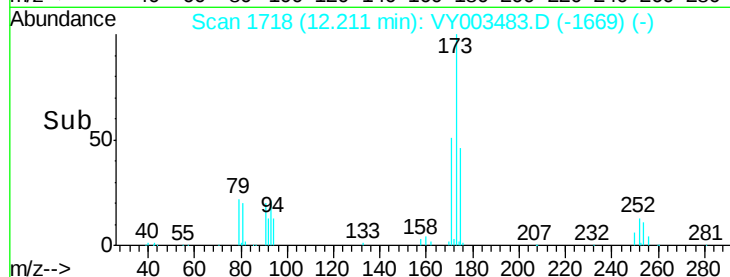
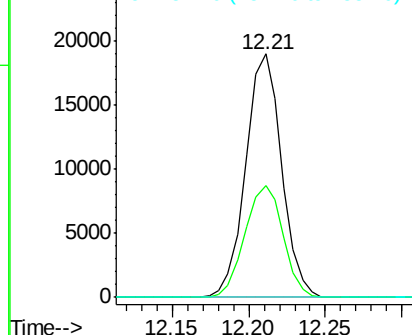
Manual Integrations  
APPROVED

MMDadoda

11/4/2020 11:57:39 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

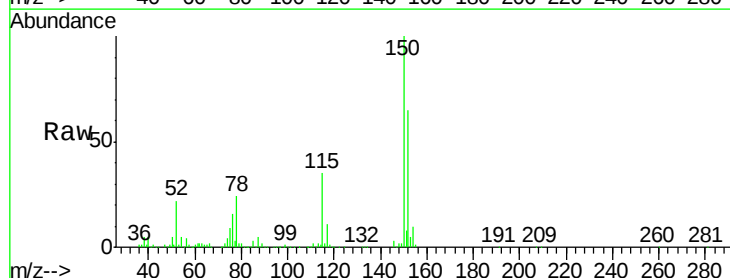
Tgt Ion:152 Resp: 165534

Ion Ratio Lower Upper

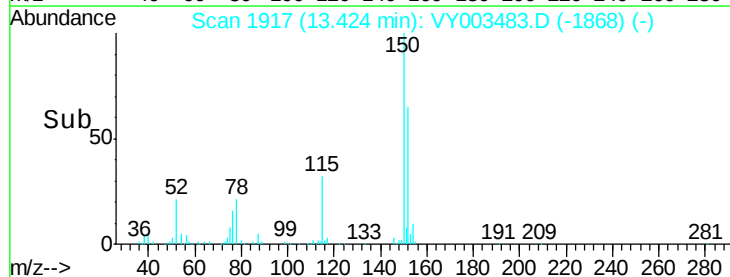
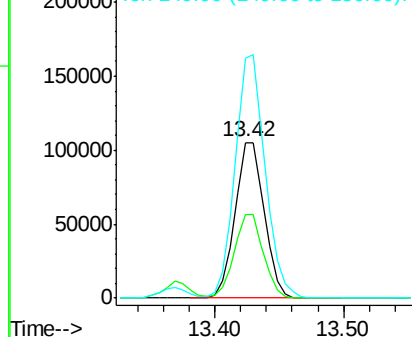
152 100

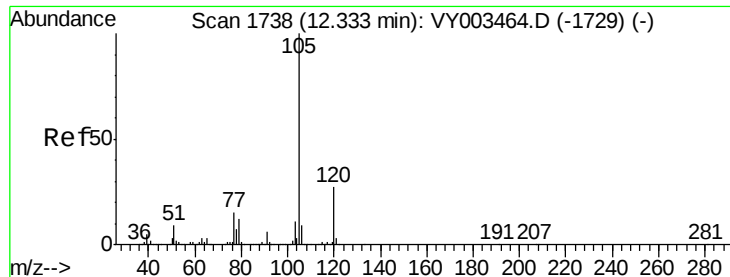
115 53.9 27.5 82.4

150 160.6 0.0 345.8



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





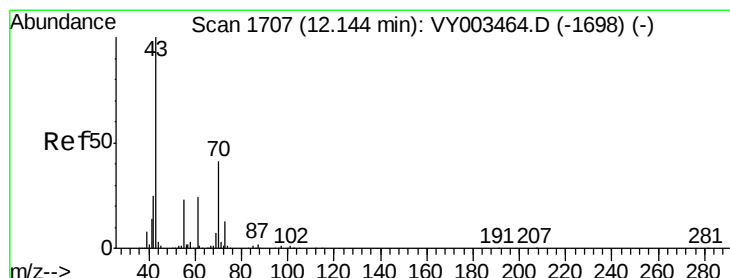
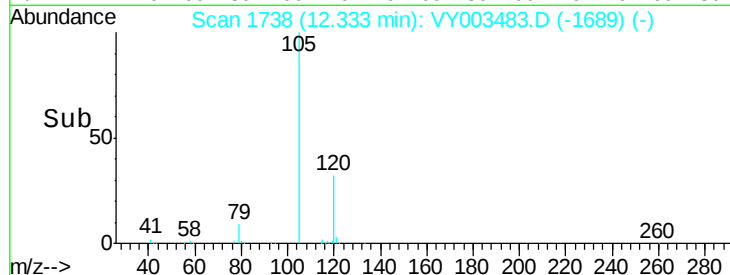
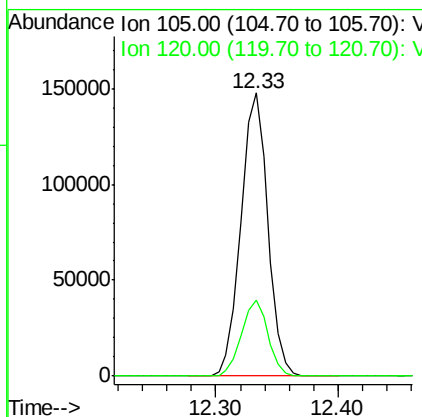
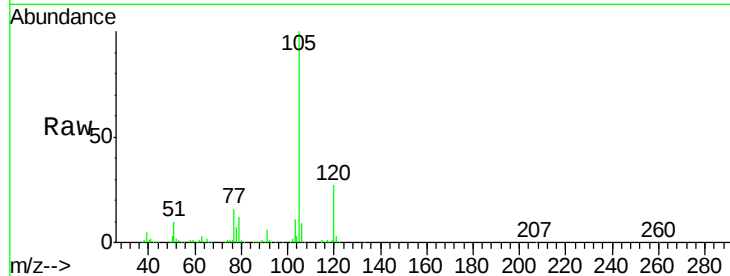
#73  
Isopropylbenzene  
Concen: 20.745 ug/l  
RT: 12.33 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.7  | 13.5  | 40.5  |

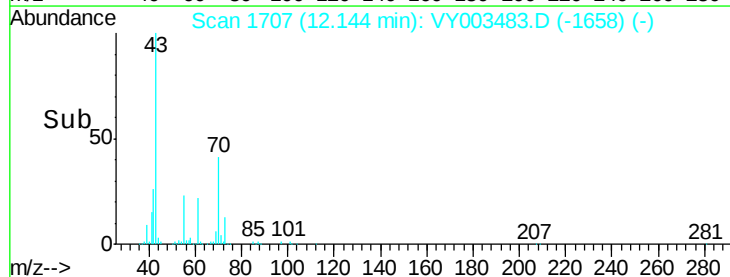
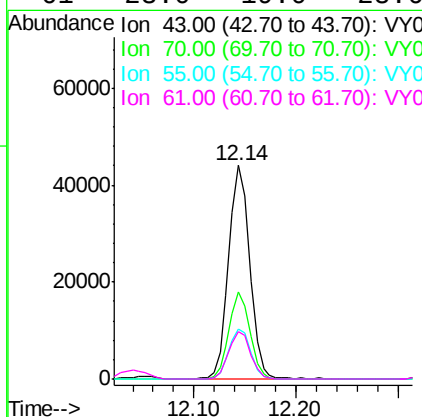
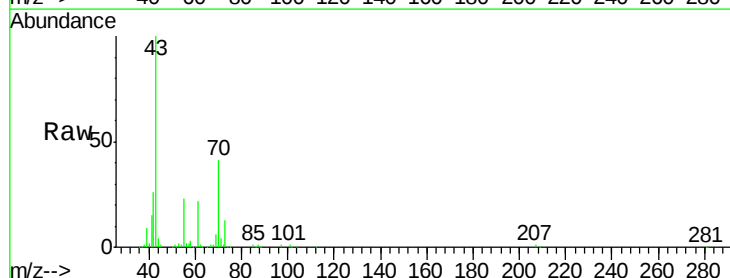
Manual Integrations  
APPROVED

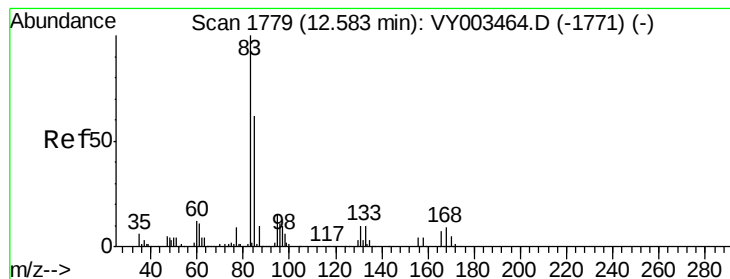
MMDadoda  
11/4/2020 11:57:39 AM



#74  
N-ethyl acetate  
Concen: 20.656 ug/l  
RT: 12.14 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 40.2  | 33.1  | 49.7  |
| 55      | 24.1  | 19.2  | 28.8  |
| 61      | 23.0  | 19.0  | 28.6  |





#75

1,1,2,2-Tetrachloroethane

Concen: 20.270 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

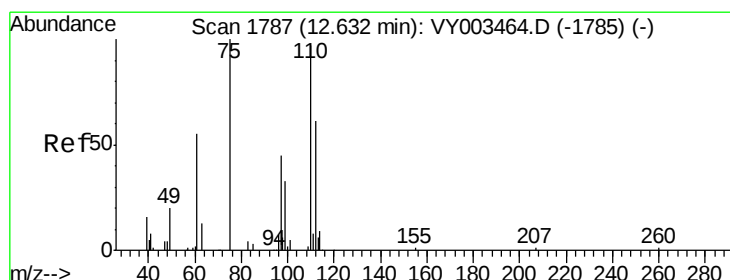
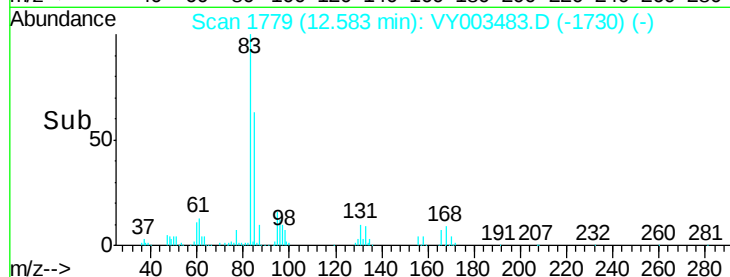
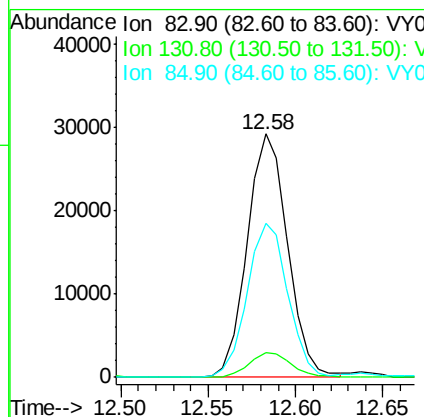
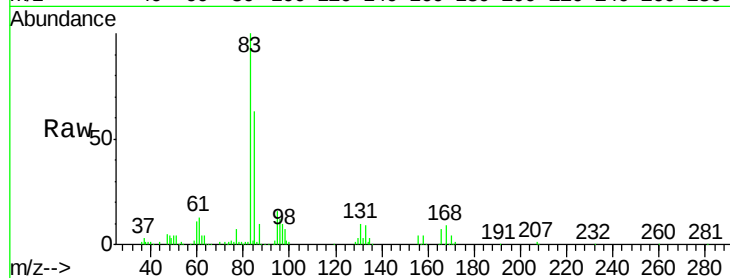
ClientSampleId :

VY1103SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 46817 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.8  | 5.4   | 16.2  |
| 85        | 63.5  | 32.0  | 96.2  |

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM



#76

1,2,3-Trichloropropane

Concen: 20.660 ug/l m

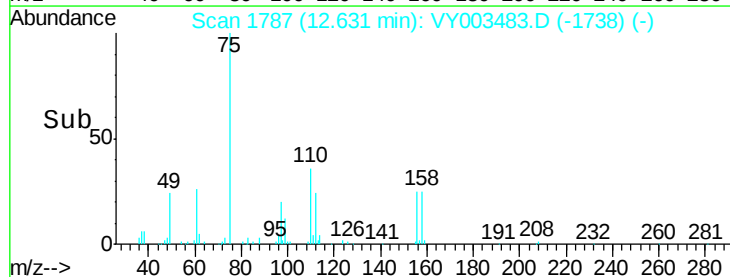
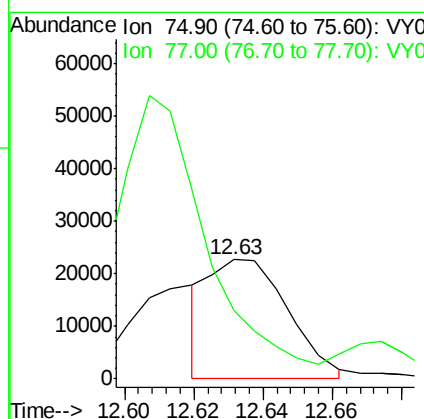
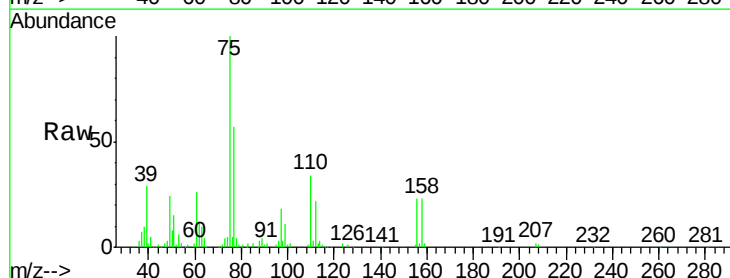
RT: 12.63 min Scan# 1787

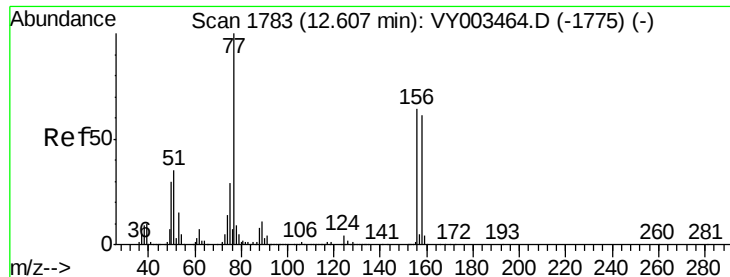
Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 36186 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.311 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1103SBS01

Tot Ion:156 Resp: 55802

Ion Ratio Lower Upper

156 100

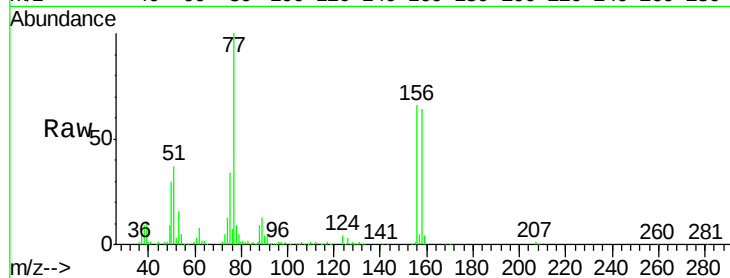
77 177.4 87.0 260.9

158 98.0 48.7 146.1

Manual Integrations  
APPROVED

MMDadoda

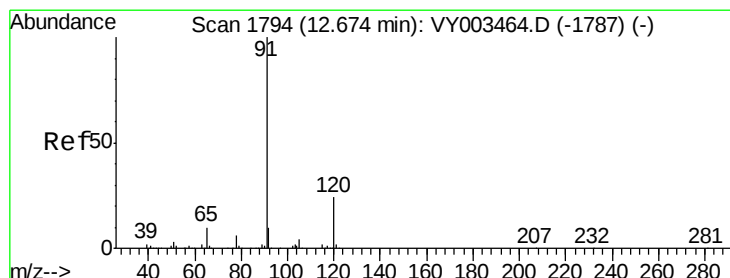
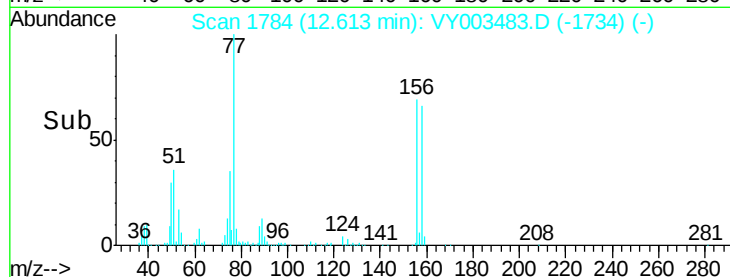
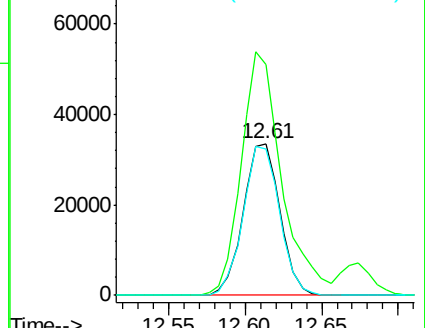
11/4/2020 11:57:39 AM



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: 21.068 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY003483.D

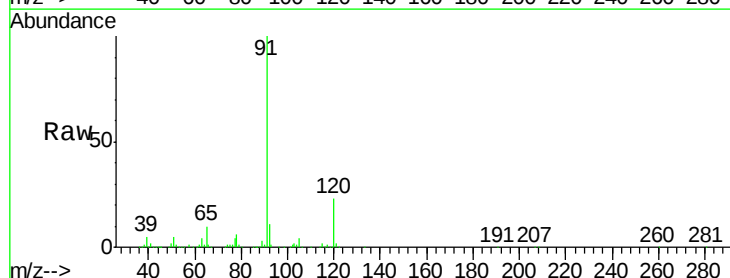
Acq: 03 Nov 2020 11:48

Tgt Ion: 91 Resp: 268338

Ion Ratio Lower Upper

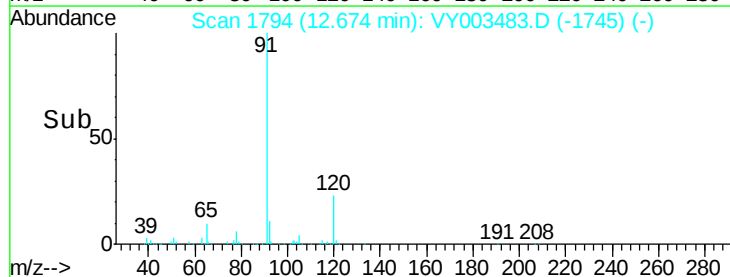
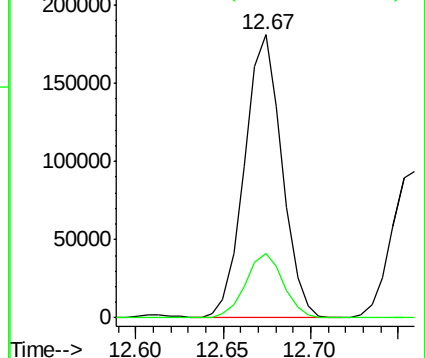
91 100

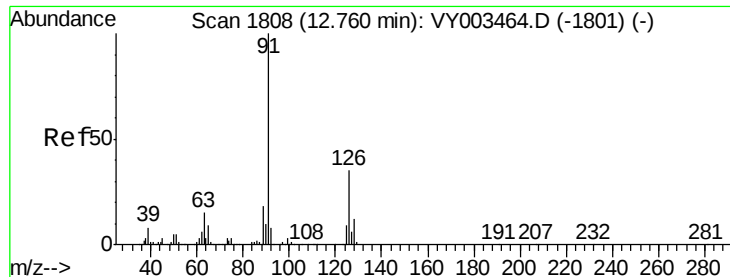
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





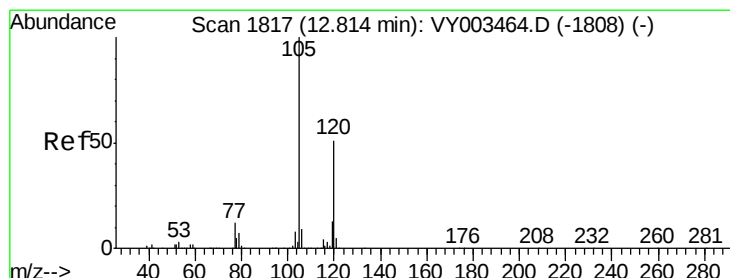
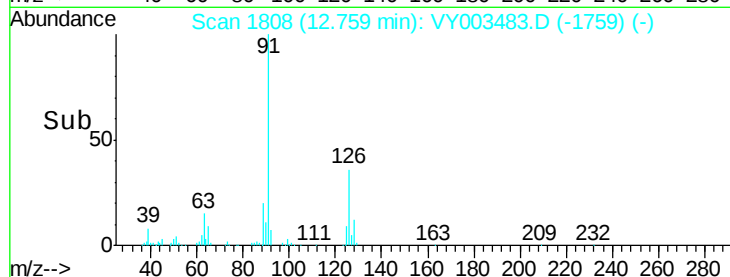
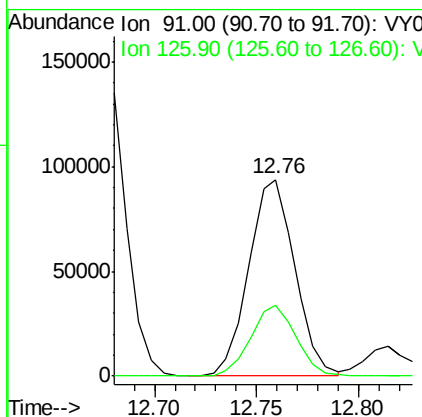
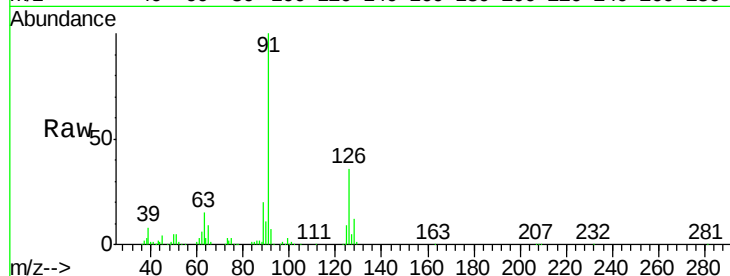
#79  
2-Chlorotoluene  
Concen: 20.654 ug/l  
RT: 12.76 min Scan# 1808  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

Tot Ion: 91 Resp: 146972  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.8 53.3

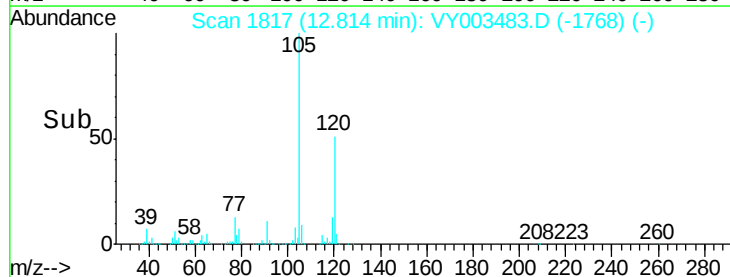
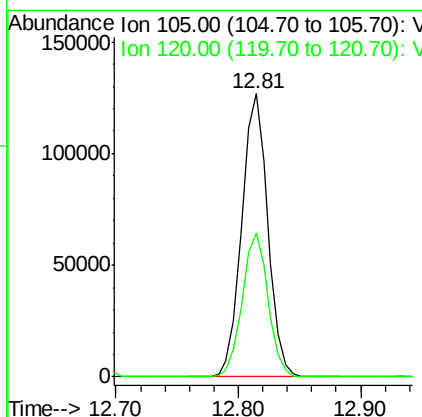
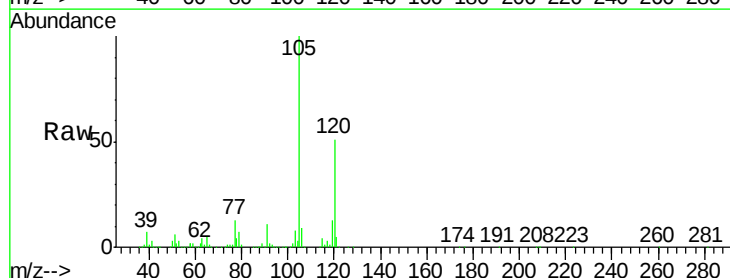
Manual Integrations  
APPROVED

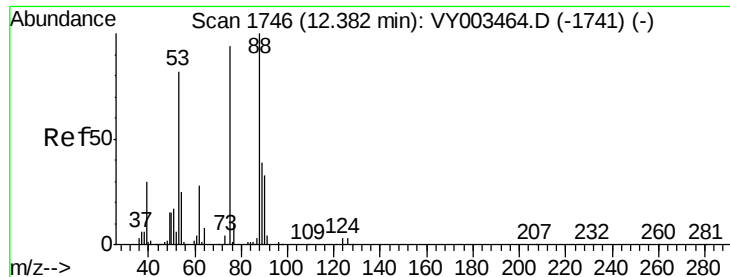
MMDadoda  
11/4/2020 11:57:39 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 20.815 ug/l  
RT: 12.81 min Scan# 1817  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Tgt Ion: 105 Resp: 186484  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.3 75.9





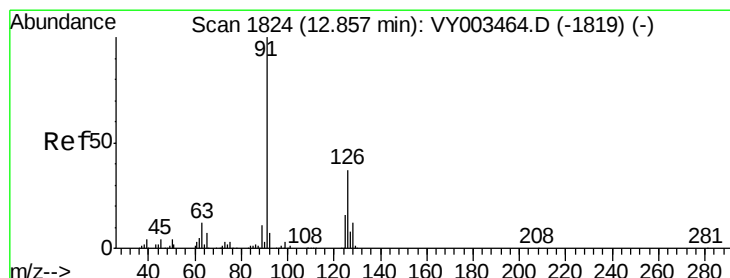
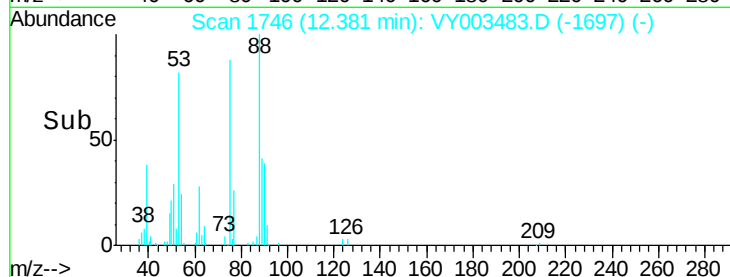
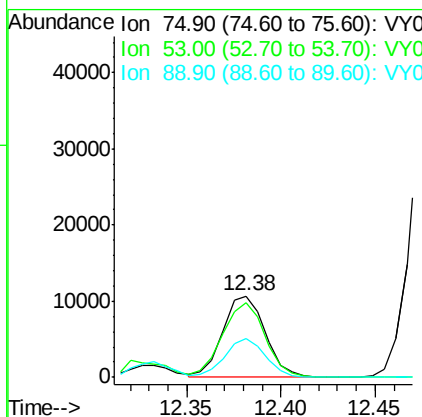
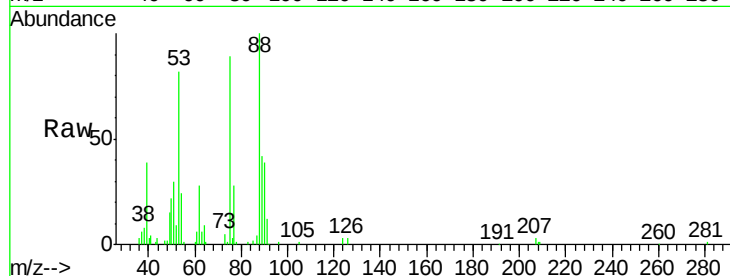
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.947 ug/l  
RT: 12.38 min Scan# 1746  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 92.0  | 74.7  | 112.1 |
| 89      | 45.3  | 35.8  | 53.8  |

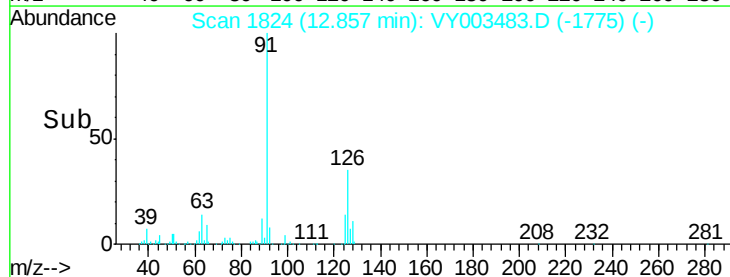
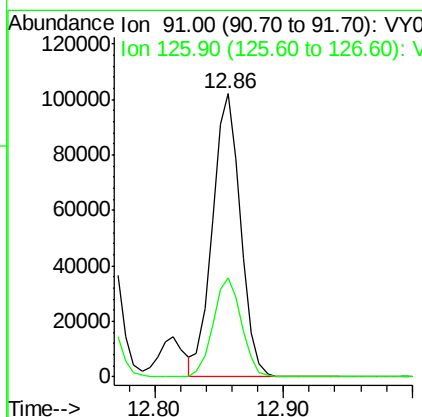
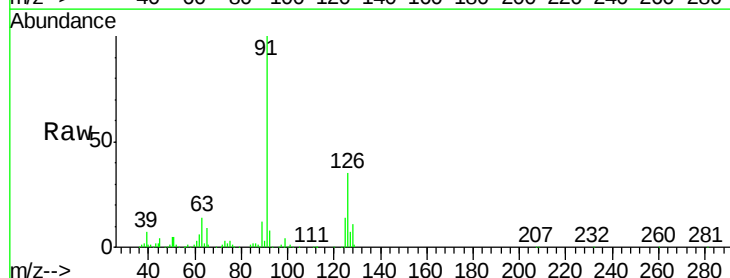
Manual Integrations  
APPROVED

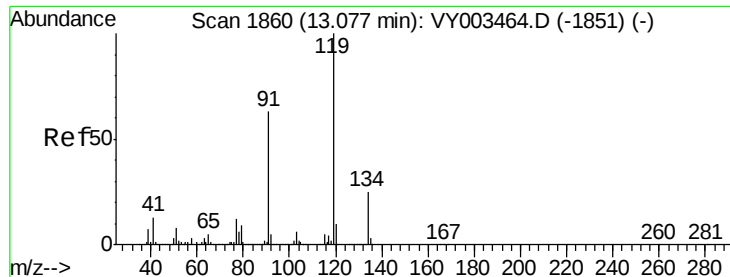
MMDadoda  
11/4/2020 11:57:39 AM



#82  
4-Chlorotoluene  
Concen: 21.023 ug/l  
RT: 12.86 min Scan# 1824  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.2  | 17.6  | 52.8  |





#83

tert-Butylbenzene

Concen: 20.679 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

Instrument :

MSVOA\_Y

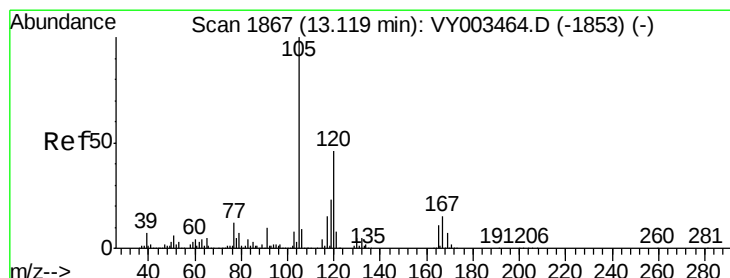
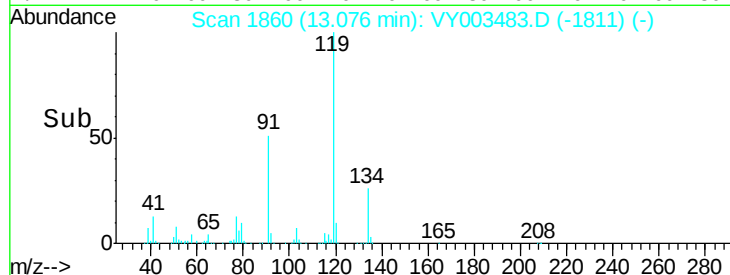
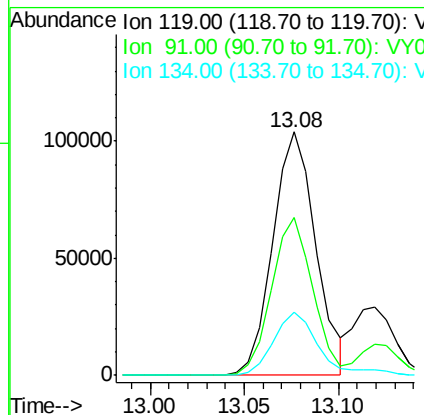
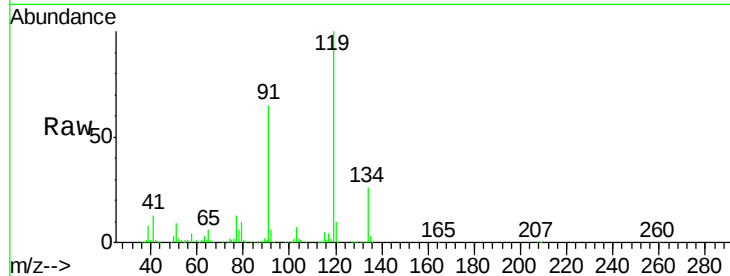
ClientSampleId :

VY1103SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 164316 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 61.9  | 31.1  | 93.2   |
| 134       | 27.3  | 13.4  | 40.1   |

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.957 ug/l

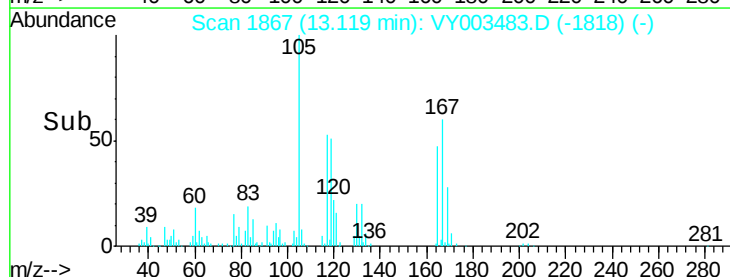
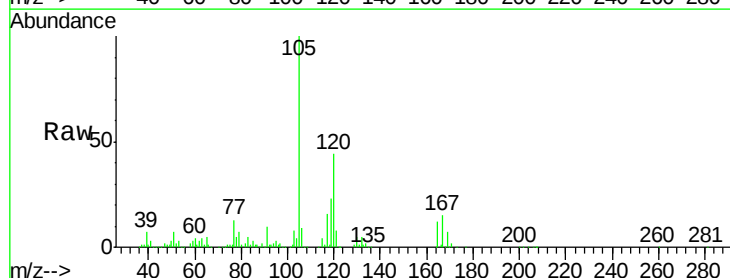
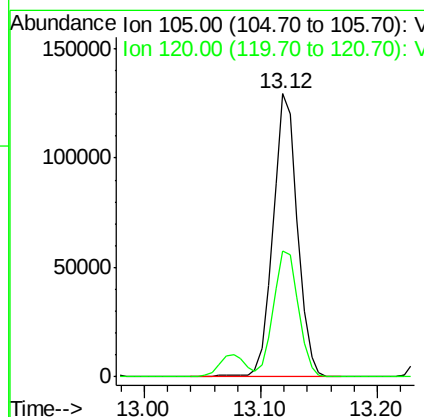
RT: 13.12 min Scan# 1867

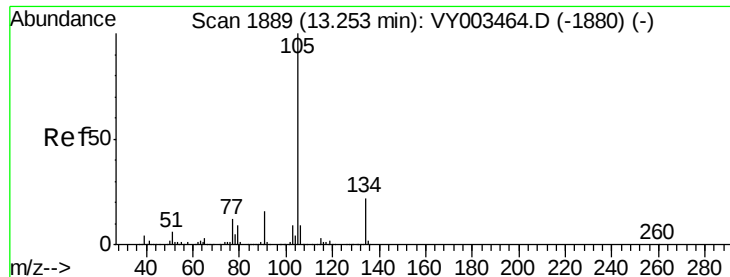
Delta R.T. -0.00 min

Lab File: VY003483.D

Acq: 03 Nov 2020 11:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 187657 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.8  | 22.9  | 68.8   |





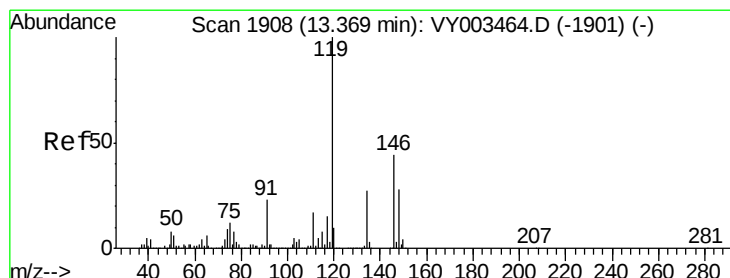
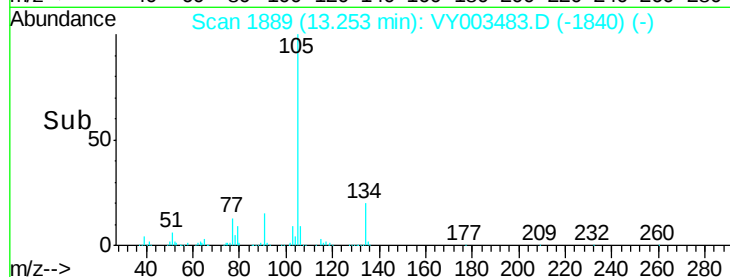
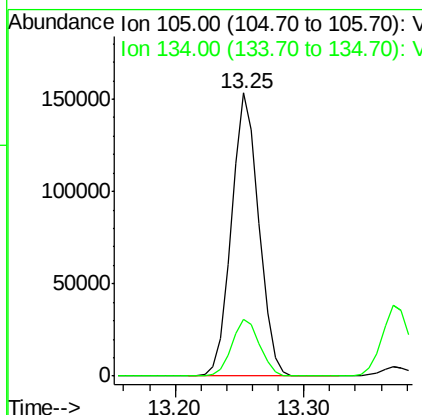
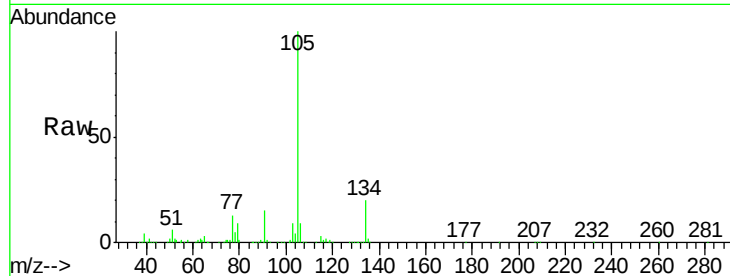
#85  
sec-Butylbenzene  
Concen: 21.025 ug/l  
RT: 13.25 min Scan# 1889  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.6  | 10.6  | 31.8  |

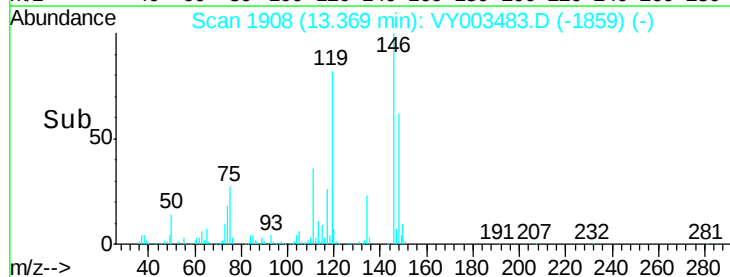
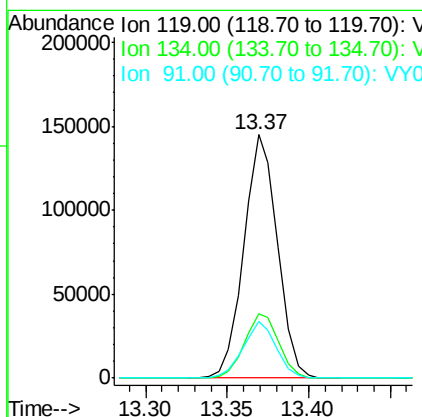
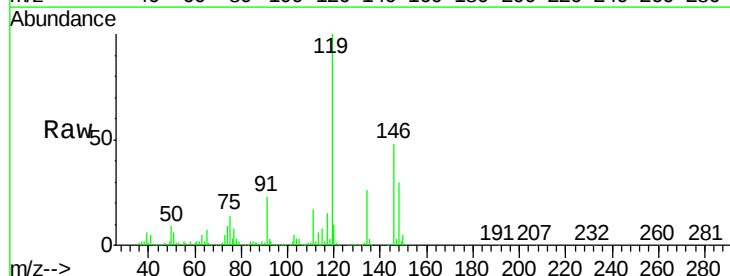
Manual Integrations  
APPROVED

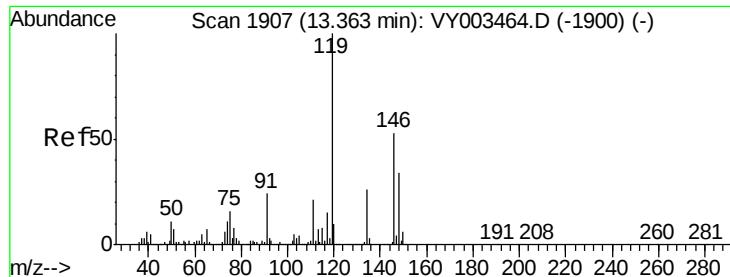
MMDadoda  
11/4/2020 11:57:39 AM



#86  
p-Isopropyltoluene  
Concen: 20.737 ug/l  
RT: 13.37 min Scan# 1908  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.1  | 13.6  | 40.7  |
| 91      | 22.8  | 11.4  | 34.2  |





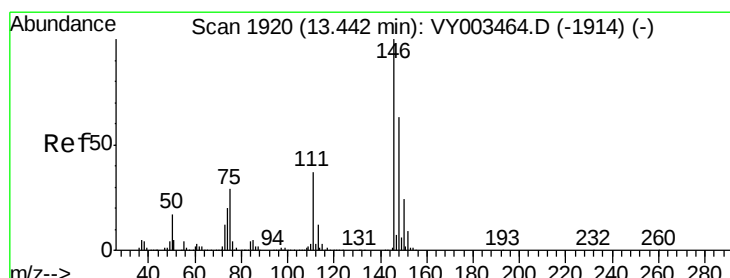
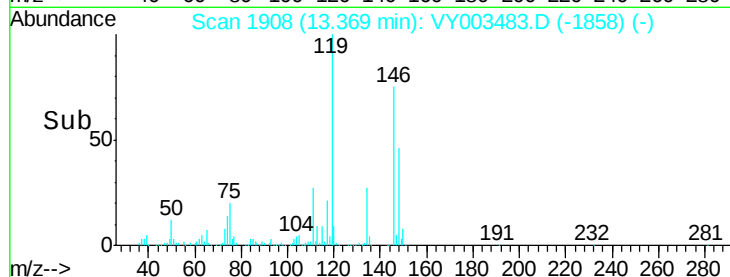
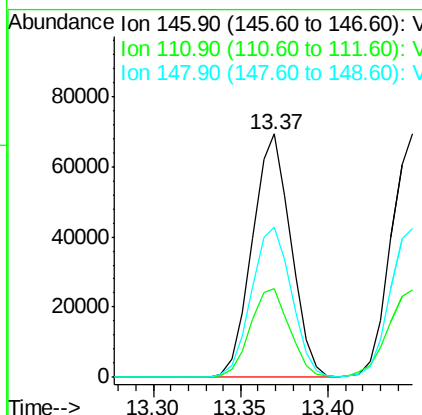
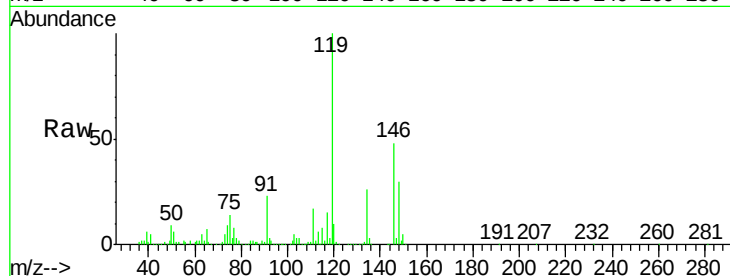
#87  
 1,3-Dichlorobenzene  
 Concen: 20.777 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. 0.01 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 19.1  | 57.1  |
| 148     | 64.1  | 32.4  | 97.0  |

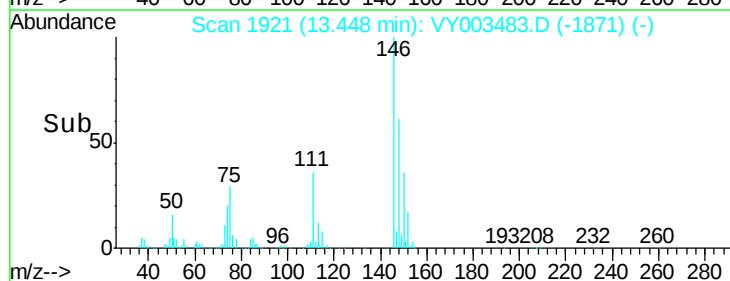
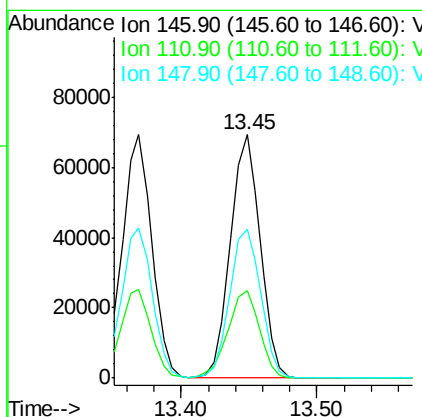
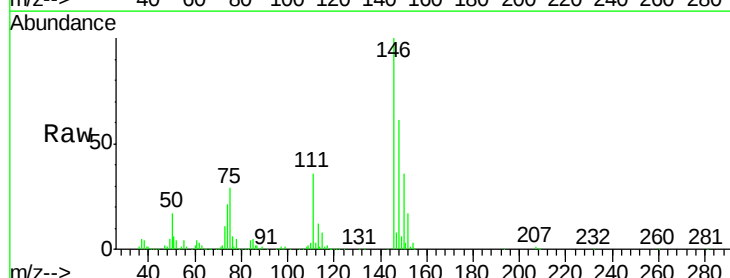
Manual Integrations  
 APPROVED

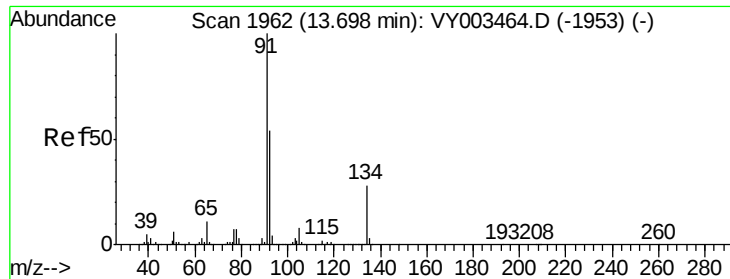
MMDadoda  
 11/4/2020 11:57:39 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.784 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. 0.01 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 18.3  | 54.8  |
| 148     | 63.9  | 32.0  | 96.0  |





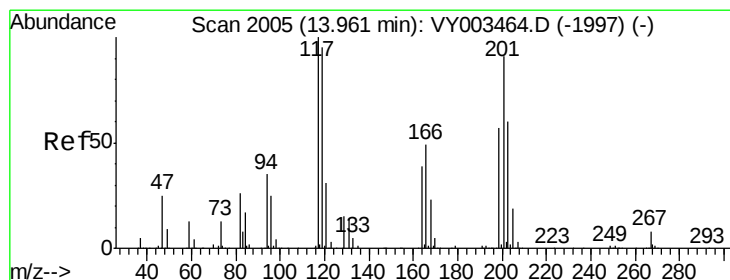
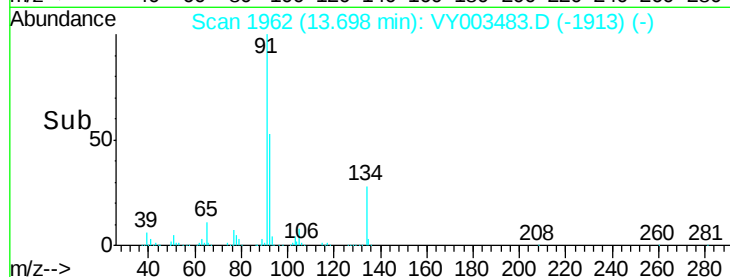
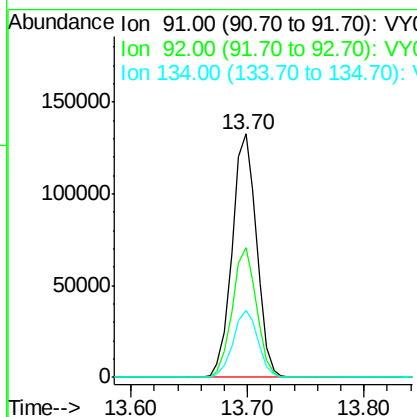
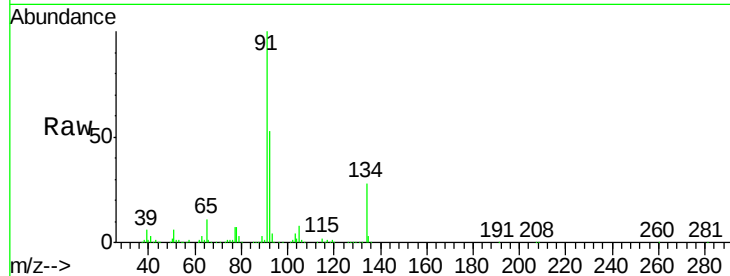
#89  
n-Butylbenzene  
Concen: 21.273 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.7  | 80.1  |
| 134     | 27.8  | 13.8  | 41.3  |

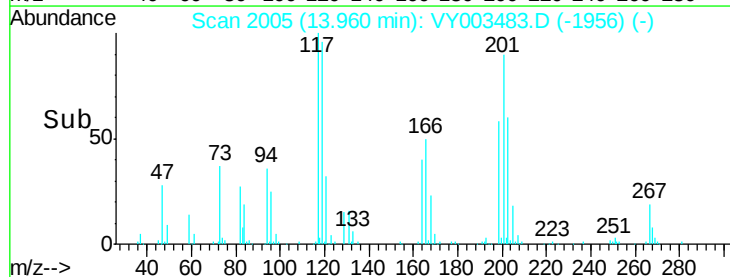
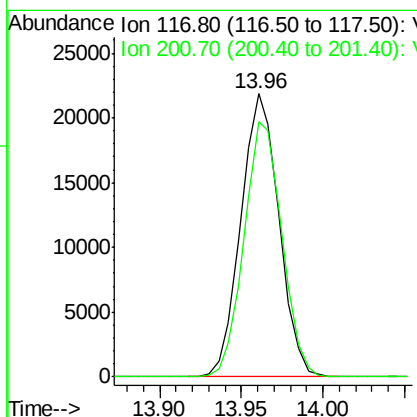
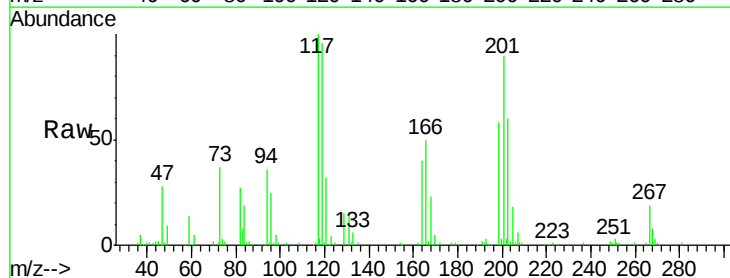
Manual Integrations  
APPROVED

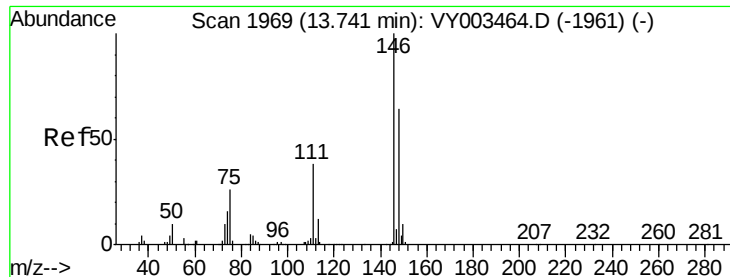
MMDadoda  
11/4/2020 11:57:39 AM



#90  
Hexachloroethane  
Concen: 21.089 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.8  | 46.6  | 139.8 |





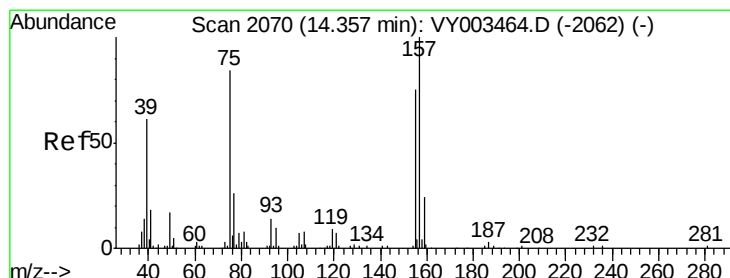
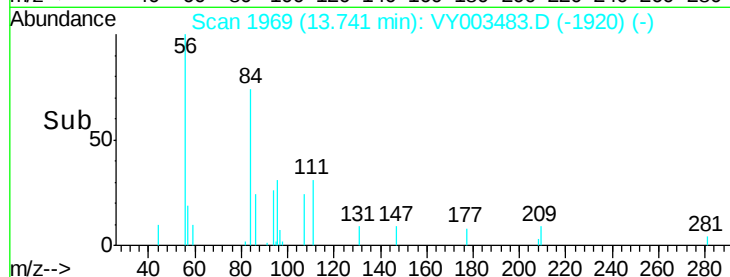
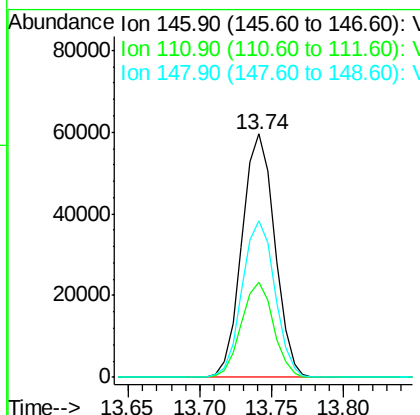
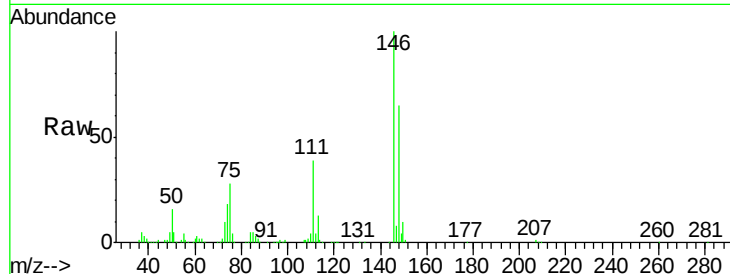
#91  
 1,2-Dichlorobenzene  
 Concen: 20.665 ug/l  
 RT: 13.74 min Scan# 1969  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 146     | 100   | 93953 |       |       |
| 111     | 38.1  | 19.3  | 57.8  |       |
| 148     | 64.3  | 32.3  | 96.8  |       |

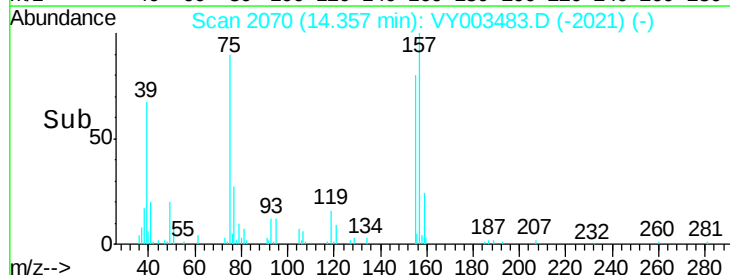
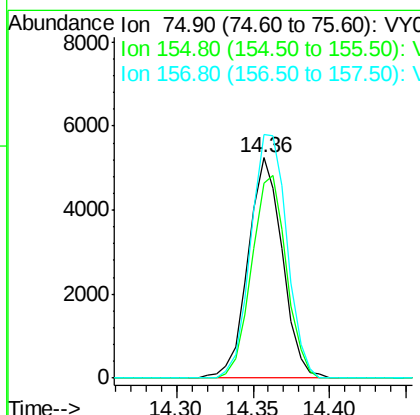
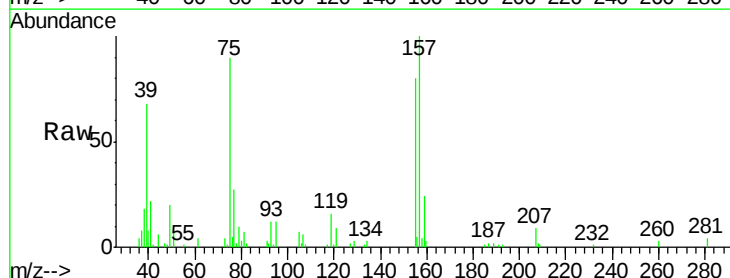
Manual Integrations  
 APPROVED

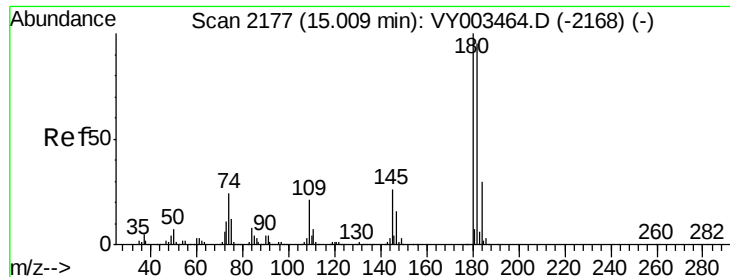
MMDadoda  
 11/4/2020 11:57:39 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.557 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   | 8177 |       |       |
| 155     | 92.8  | 45.6 | 136.7 |       |
| 157     | 116.4 | 60.3 | 180.8 |       |





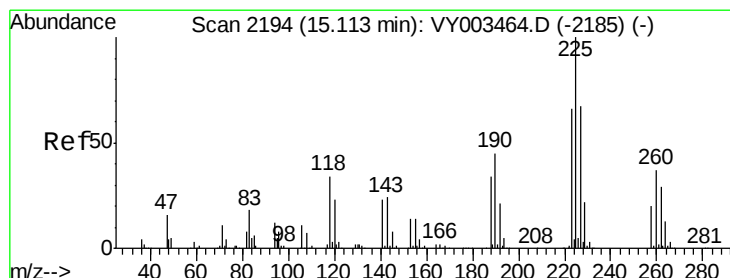
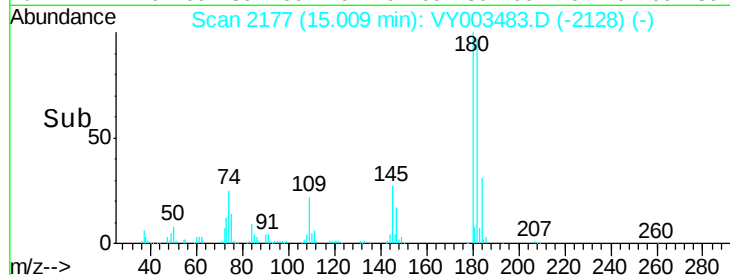
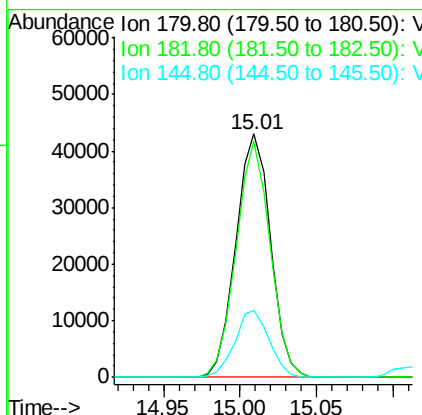
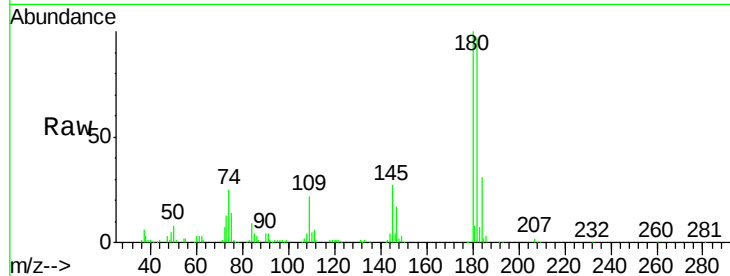
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.050 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1103SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 67696 |       |       |
| 182     | 95.0  | 48.1  | 144.3 |       |
| 145     | 27.3  | 13.8  | 41.3  |       |

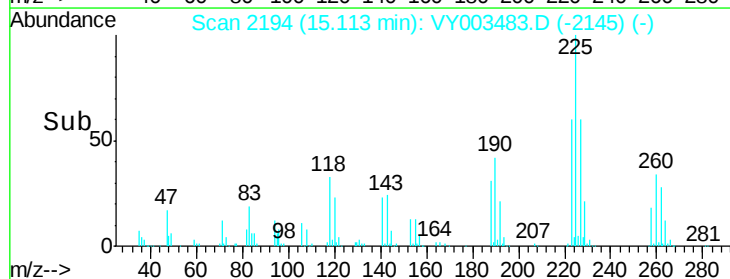
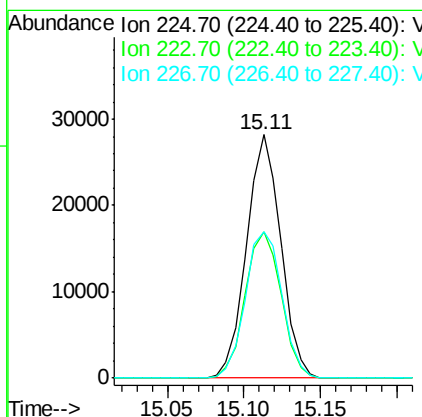
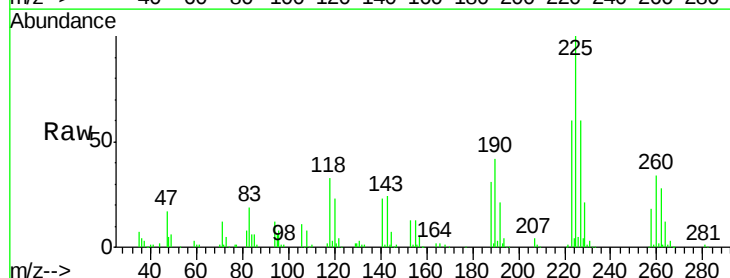
Manual Integrations  
 APPROVED

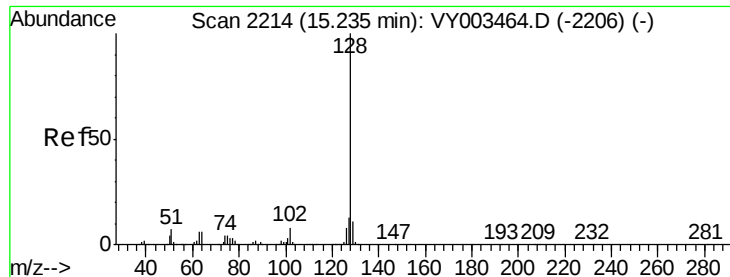
MMDadoda  
 11/4/2020 11:57:39 AM



#94  
 Hexachlorobutadiene  
 Concen: 21.248 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. -0.00 min  
 Lab File: VY003483.D  
 Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 43957 |       |       |
| 223     | 63.1  | 32.1  | 96.3  |       |
| 227     | 64.4  | 32.4  | 97.2  |       |





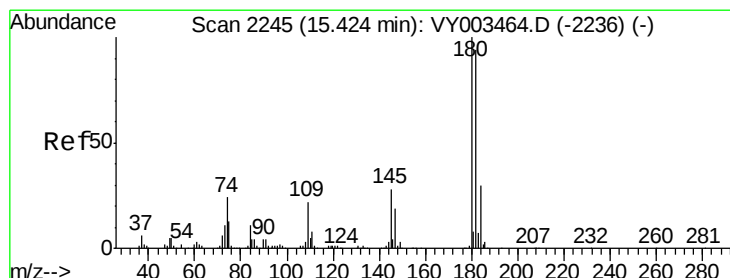
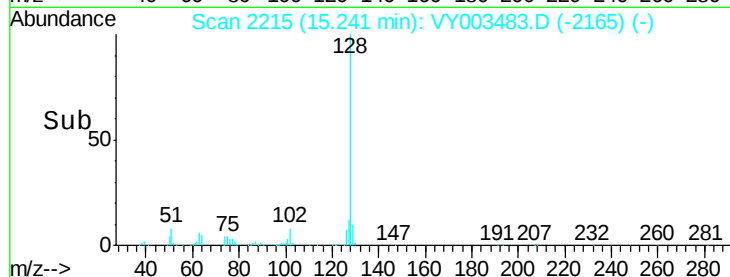
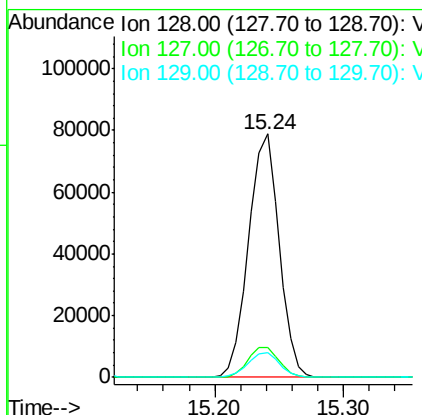
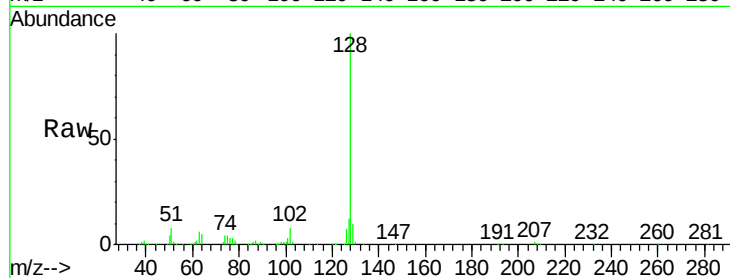
#95  
Naphthalene  
Concen: 20.034 ug/l  
RT: 15.24 min Scan# 2215  
Delta R.T. 0.01 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1103SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 129015 |       |       |
| 127     | 12.8  | 10.5   | 15.7  |       |
| 129     | 10.6  | 8.6    | 13.0  |       |

Manual Integrations  
APPROVED

MMDadoda  
11/4/2020 11:57:39 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 21.091 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. -0.00 min  
Lab File: VY003483.D  
Acq: 03 Nov 2020 11:48

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 61013 |       |       |
| 182     | 94.3  | 46.9  | 140.7 |       |
| 145     | 27.9  | 14.4  | 43.2  |       |

