

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\  
 Data File : VY002275.D  
 Acq On : 13 Apr 2020 13:02  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/14/2020 10:01:45 AM

Quant Time: Apr 14 08:55:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 180325   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 322245   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 286843   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 127780   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.16   | 65  | 97161    | 48.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.90%  |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 97936    | 51.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.16% |      |
| 50) Toluene-d8            | 10.19  | 98  | 401655   | 50.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.10% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 137326   | 51.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.72% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 88575   | 48.602  | ug/l | 97     |
| 3) Chloromethane              | 2.12 | 50  | 103108  | 44.953  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.26 | 62  | 111491  | 45.667  | ug/l | 99     |
| 5) Bromomethane               | 2.66 | 94  | 65923   | 43.727  | ug/l | 99     |
| 6) Chloroethane               | 2.80 | 64  | 64592   | 45.876  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.14 | 101 | 153780  | 48.775  | ug/l | 99     |
| 8) Diethyl Ether              | 3.55 | 74  | 64966   | 48.469  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.92 | 101 | 104658  | 48.867  | ug/l | 100    |
| 10) Methyl Iodide             | 4.11 | 142 | 128572  | 51.647  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.98 | 59  | 51031   | 237.167 | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 3.89 | 96  | 107573  | 49.405  | ug/l | 95     |
| 13) Acrolein                  | 3.75 | 56  | 62251   | 240.757 | ug/l | 98     |
| 14) Allyl chloride            | 4.50 | 41  | 167958  | 47.768  | ug/l | 99     |
| 15) Acrylonitrile             | 5.19 | 53  | 160004  | 233.436 | ug/l | 99     |
| 16) Acetone                   | 3.97 | 43  | 144845  | 274.238 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.21 | 76  | 353258  | 48.852  | ug/l | 99     |
| 18) Methyl Acetate            | 4.50 | 43  | 76658   | 46.792  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 276966  | 48.385  | ug/l | 98     |
| 20) Methylene Chloride        | 4.74 | 84  | 116752  | 44.973  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 5.24 | 96  | 118075  | 48.312  | ug/l | 97     |
| 22) Diisopropyl ether         | 6.14 | 45  | 337092  | 47.639  | ug/l | 98     |
| 23) Vinyl Acetate             | 6.08 | 43  | 1074365 | 238.259 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.04 | 63  | 193354  | 48.041  | ug/l | 99     |
| 25) 2-Butanone                | 7.00 | 43  | 203972  | 244.027 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.00 | 77  | 162555  | 48.283  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 127910  | 48.011  | ug/l | 98     |
| 28) Bromochloromethane        | 7.35 | 49  | 79255   | 45.617  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.36 | 42  | 127878  | 231.444 | ug/l | 99     |
| 30) Chloroform                | 7.52 | 83  | 182966  | 48.226  | ug/l | 99     |
| 31) Cyclohexane               | 7.80 | 56  | 196494  | 46.511  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 157381  | 49.839  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 155463  | 48.979  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.09 | 43  | 84998   | 46.875  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 135039  | 49.738  | ug/l | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\  
 Data File : VY002275.D  
 Acq On : 13 Apr 2020 13:02  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/14/2020 10:01:45 AM

Quant Time: Apr 14 08:55:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 213468   | 49.440   | ug/l   | 98       |
| 40) Benzene                    | 8.17  | 78   | 466713   | 48.464   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.33  | 41   | 46063m   | 43.062   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 114008   | 47.792   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.28  | 43   | 157254   | 47.551   | ug/l   | 99       |
| 44) Trichloroethene            | 8.95  | 130  | 131571   | 46.470   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 114223   | 47.804   | ug/l   | 100      |
| 46) Dibromomethane             | 9.31  | 93   | 59968    | 48.001   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.51  | 83   | 141639   | 49.410   | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.30  | 41   | 70998    | 47.880   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 17955    | 1015.997 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 416612   | 241.762  | ug/l   | 100      |
| 52) Toluene                    | 10.25 | 92   | 283388   | 48.829   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 156260   | 50.031   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 186421   | 49.647   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 89581    | 48.977   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 131000   | 50.182   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 156042   | 48.537   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.79  | 63   | 330365   | 244.380  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.84 | 43   | 296230   | 247.690  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 98257    | 50.380   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 84963    | 48.793   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.73 | 164  | 138314   | 47.694   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.52 | 112  | 288509   | 48.386   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 97564    | 49.559   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.60 | 91   | 540885   | 49.551   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.71 | 106  | 399922   | 97.819   | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 189928   | 49.482   | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 325808   | 48.925   | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 55740    | 52.066   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 505985   | 50.404   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.15 | 43   | 142106   | 49.869   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 71295    | 58.702   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 66462m   | 44.792   | ug/l   |          |
| 77) Bromobenzene               | 12.62 | 156  | 109910   | 49.765   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.68 | 91   | 617077   | 49.426   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 339461   | 50.032   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 419298   | 50.505   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 39639    | 51.959   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 356133   | 50.080   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 351543   | 50.552   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 415710   | 50.144   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.26 | 105  | 517098   | 49.916   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 450988   | 50.582   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.38 | 146  | 211570   | 49.429   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 214848   | 49.449   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 450922   | 49.340   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.97 | 117  | 86129    | 50.694   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 192406   | 49.470   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.37 | 75   | 14456    | 49.213   | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\  
Data File : VY002275.D  
Acq On : 13 Apr 2020 13:02  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

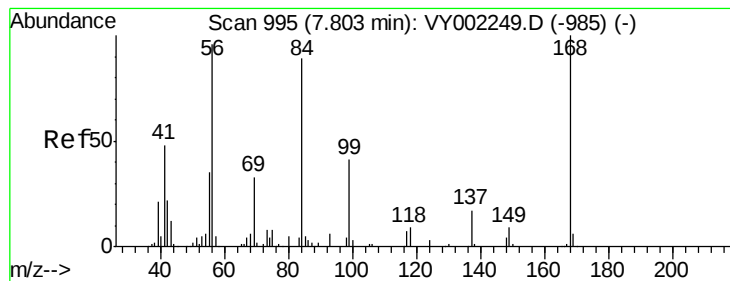
MMDadoda  
4/14/2020 10:01:45 AM

Quant Time: Apr 14 08:55:57 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 08 15:15:02 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 123310   | 48.506 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 61836    | 48.294 | ug/l  | 98       |
| 95) Naphthalene            | 15.25 | 128  | 280419   | 50.379 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 106789   | 48.377 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 180325

Ion Ratio Lower Upper

168 100

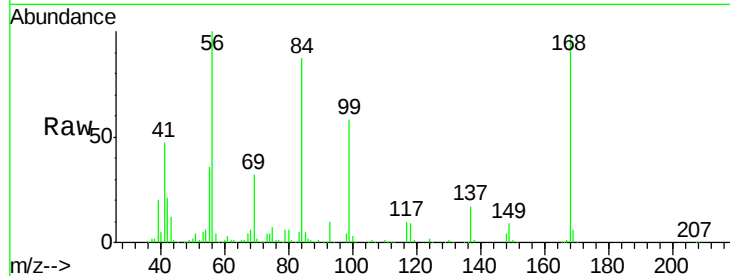
99 59.9 48.0 72.0

Manual Integrations

APPROVED

MMDadoda

4/14/2020 10:01:45 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

80000

60000

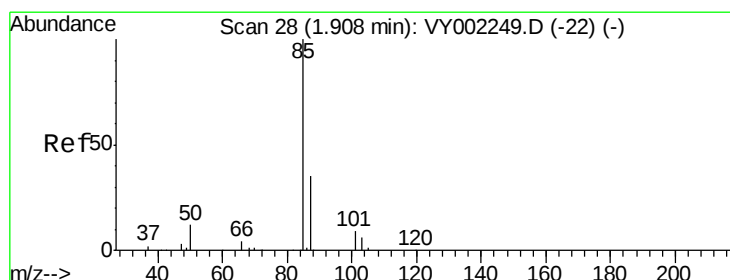
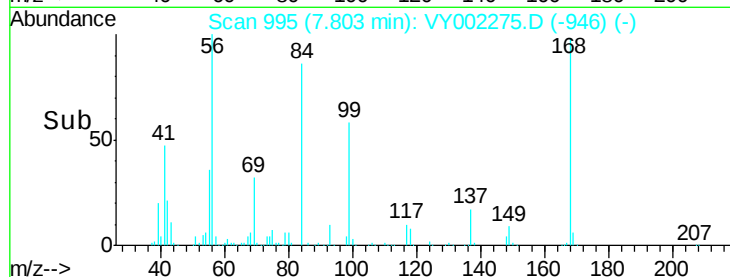
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.602 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002275.D

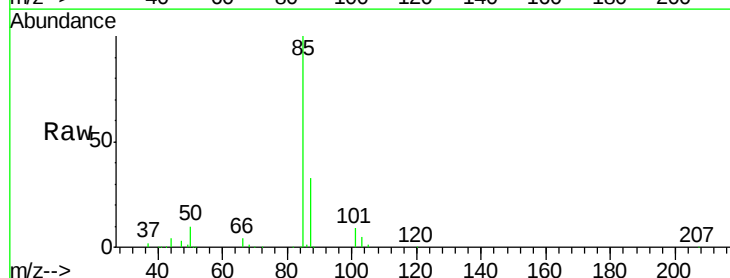
Acq: 13 Apr 2020 13:02

Tgt Ion: 85 Resp: 88575

Ion Ratio Lower Upper

85 100

87 33.0 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

60000

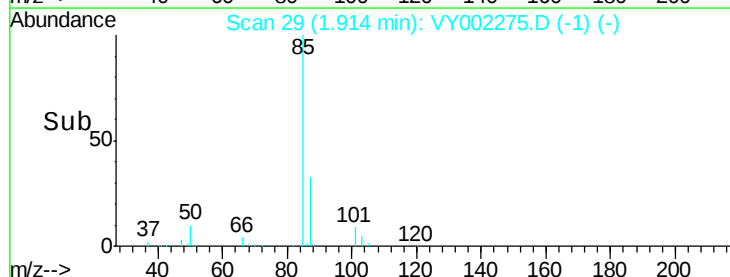
40000

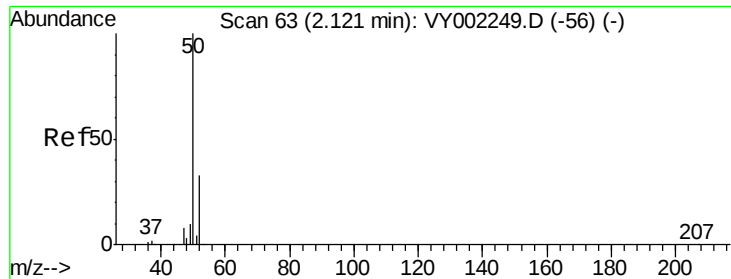
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.953 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 103108

Ion Ratio Lower Upper

50 100

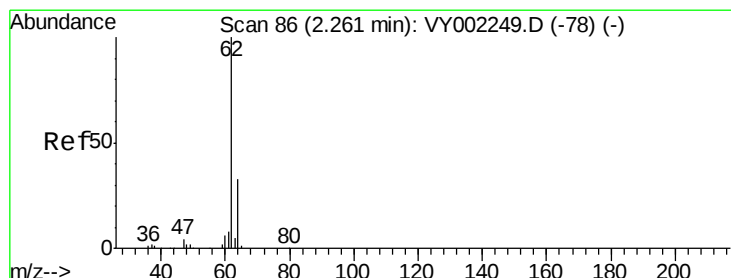
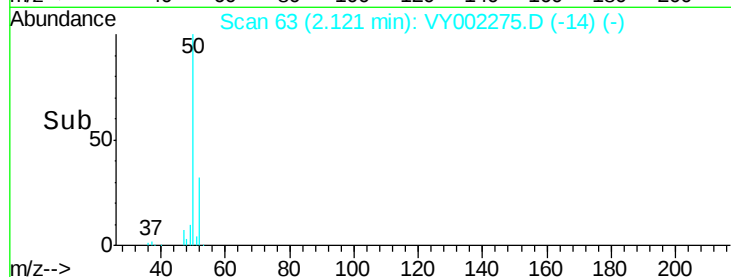
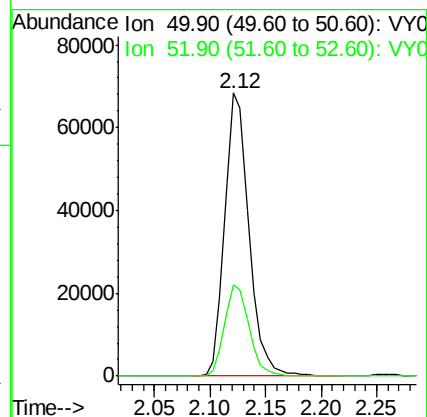
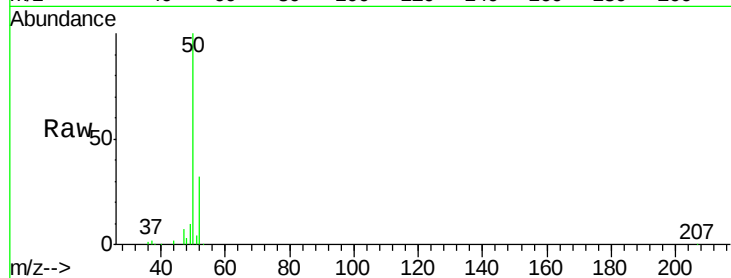
52 32.1 26.6 39.8

Manual Integrations

APPROVED

MMDadoda

4/14/2020 10:01:45 AM



#4

Vinyl Chloride

Concen: 45.667 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002275.D

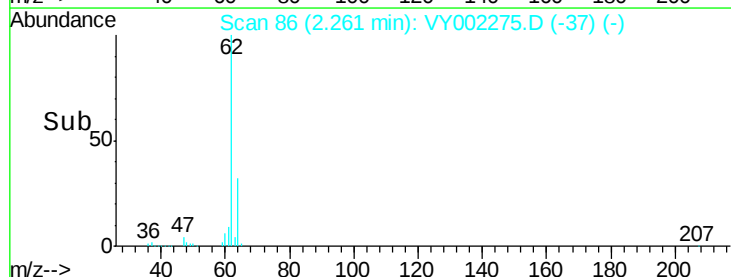
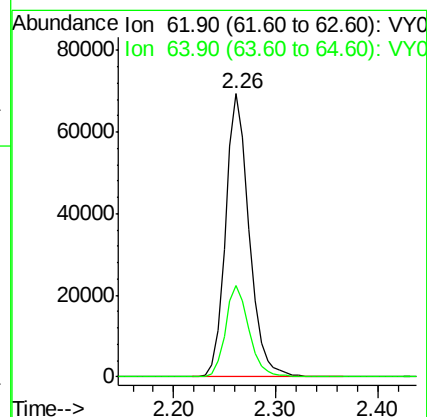
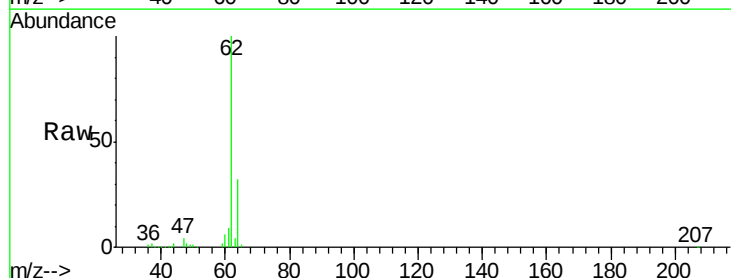
Acq: 13 Apr 2020 13:02

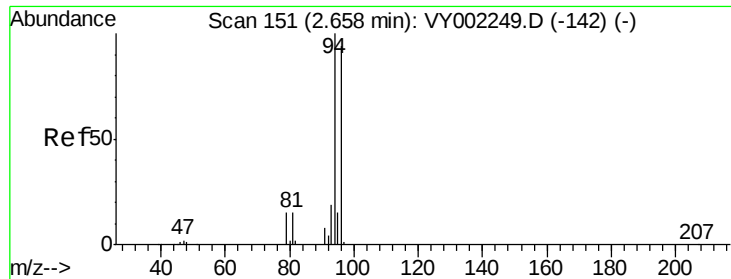
Tgt Ion: 62 Resp: 111491

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2





#5

Bromomethane

Concen: 43.727 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 65923

Ion Ratio Lower Upper

94 100

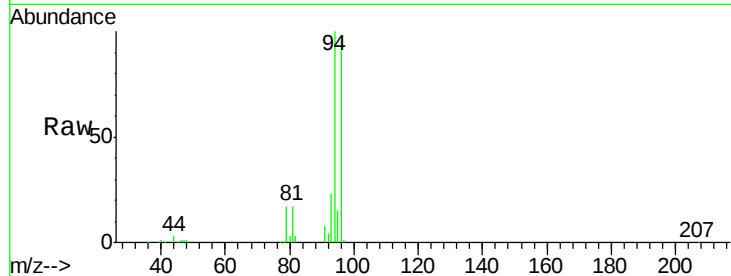
96 95.3 75.6 113.4

Manual Integrations

APPROVED

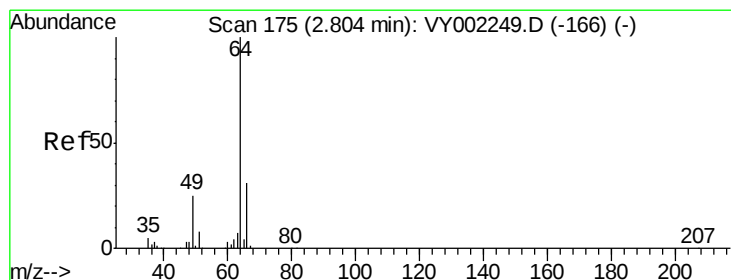
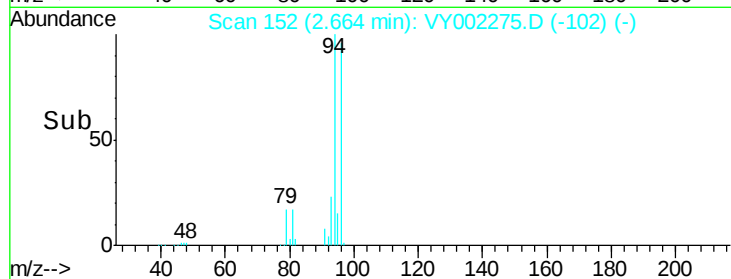
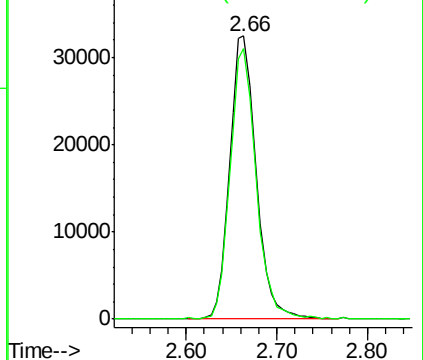
MMDadoda

4/14/2020 10:01:45 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.876 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002275.D

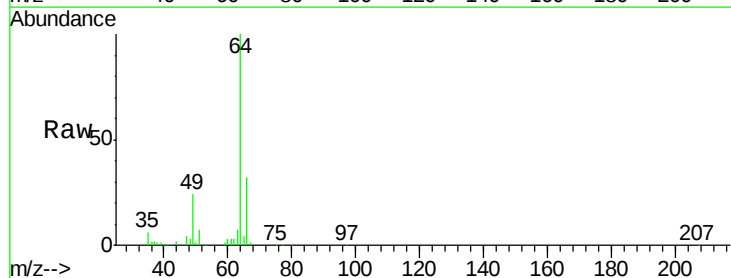
Acq: 13 Apr 2020 13:02

Tgt Ion: 64 Resp: 64592

Ion Ratio Lower Upper

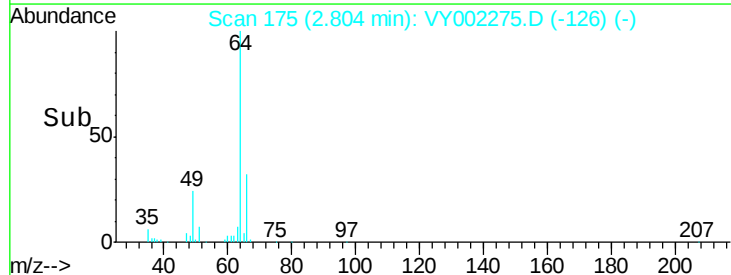
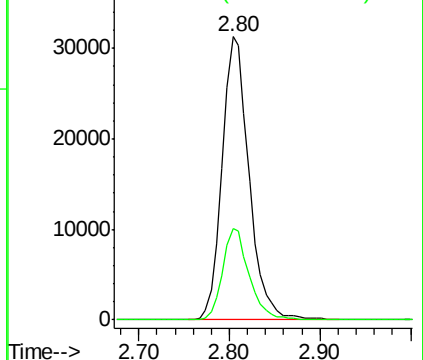
64 100

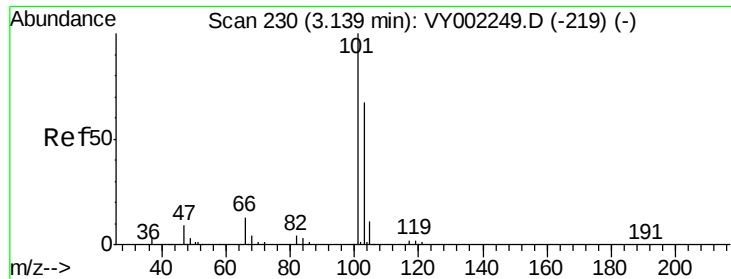
66 32.3 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

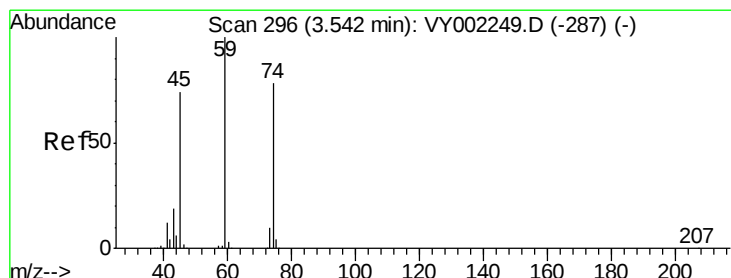
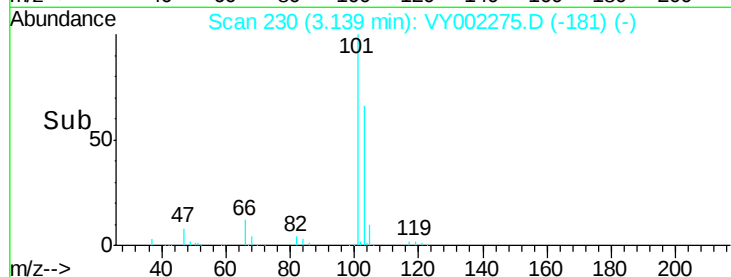
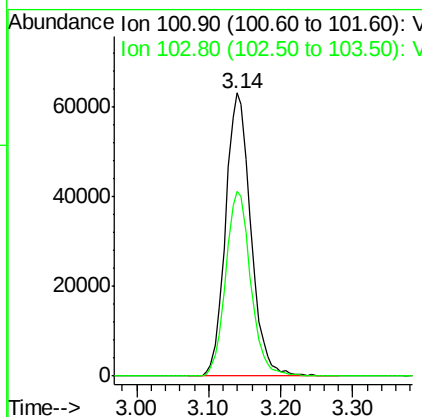
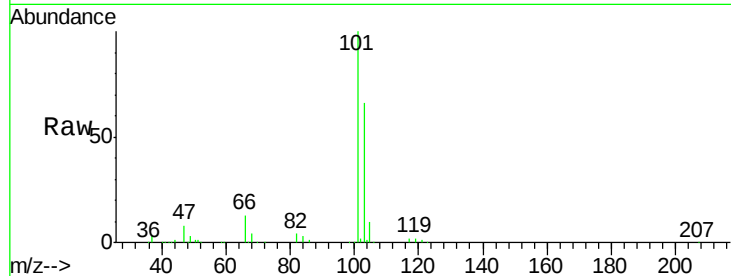
Trichlorofluoromethane  
 Concen: 48.775 ug/l  
 RT: 3.14 min Scan# 230  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.5  | 53.3  | 79.9  |

Manual Integrations  
 APPROVED

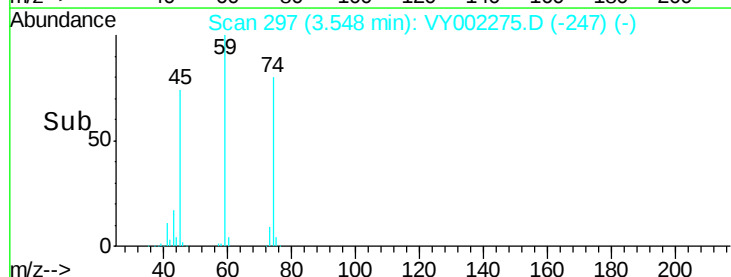
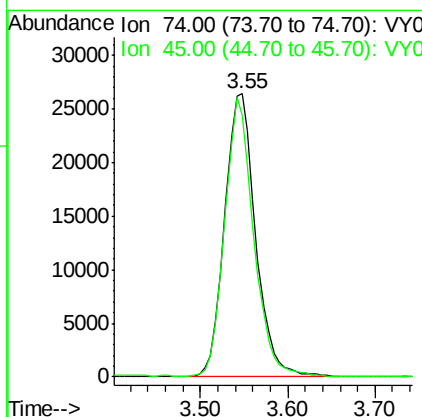
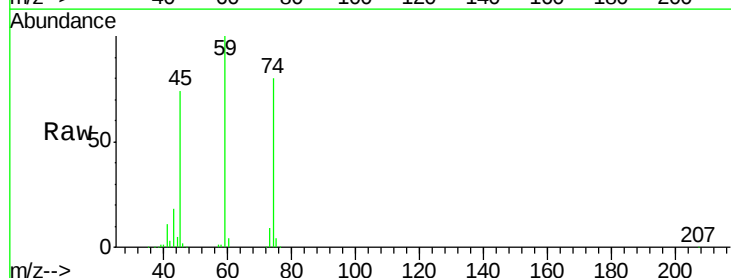
MMDadoda  
 4/14/2020 10:01:45 AM

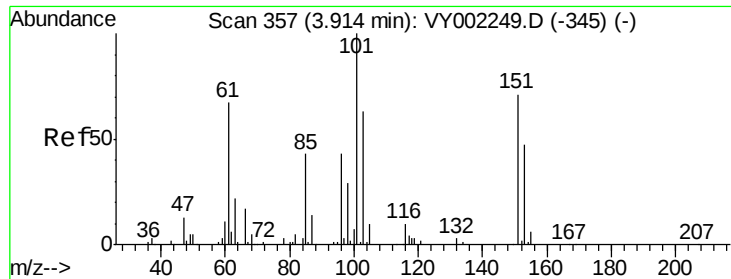


#8

Diethyl Ether  
 Concen: 48.469 ug/l  
 RT: 3.55 min Scan# 297  
 Delta R.T. 0.01 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 92.9  | 48.0  | 144.2 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.867 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

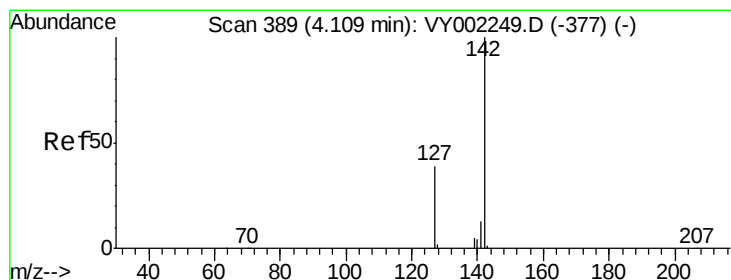
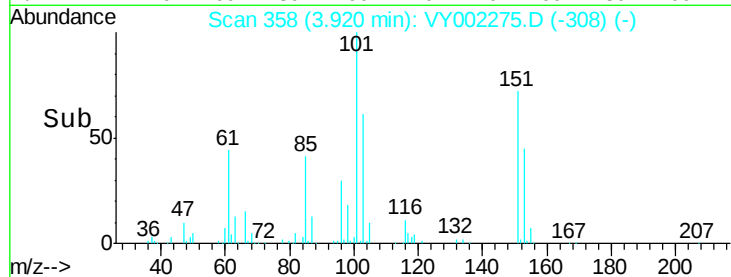
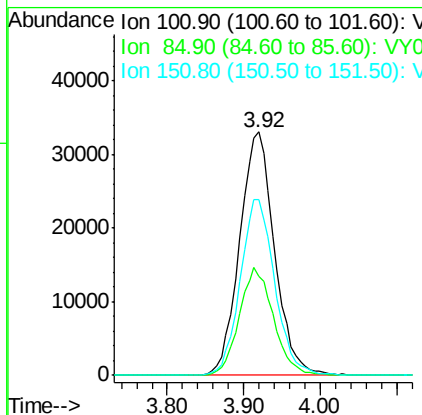
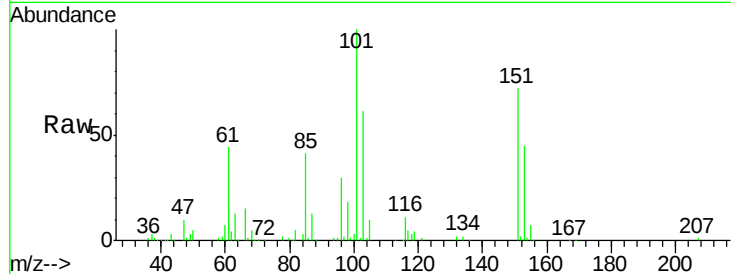
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 104658 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.5  | 34.6  | 52.0   |
| 151       | 71.8  | 57.6  | 86.4   |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM



#10

Methyl Iodide

Concen: 51.647 ug/l

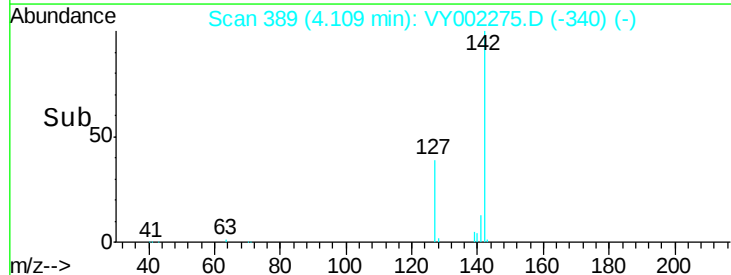
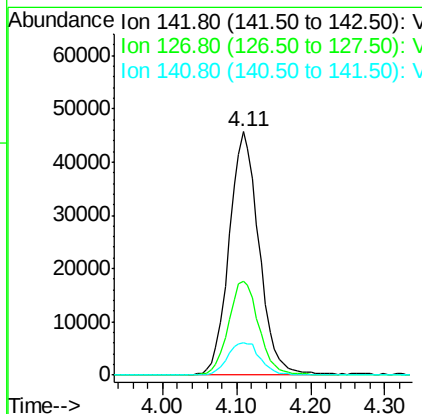
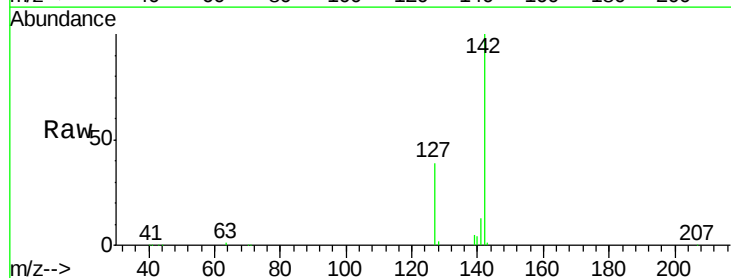
RT: 4.11 min Scan# 389

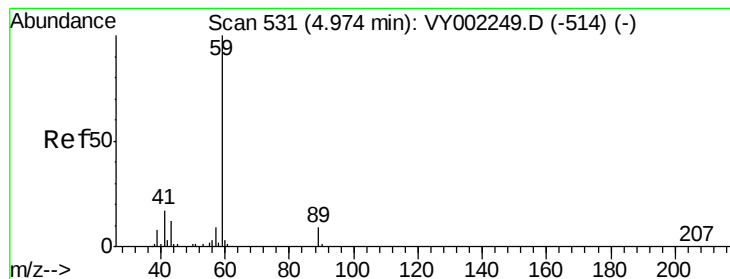
Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 128572 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.4  | 32.4  | 48.6   |
| 141       | 14.5  | 11.2  | 16.8   |





#11

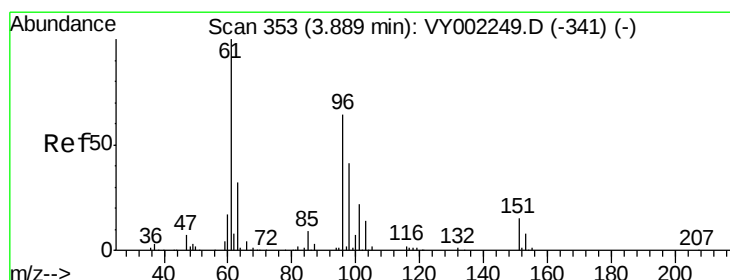
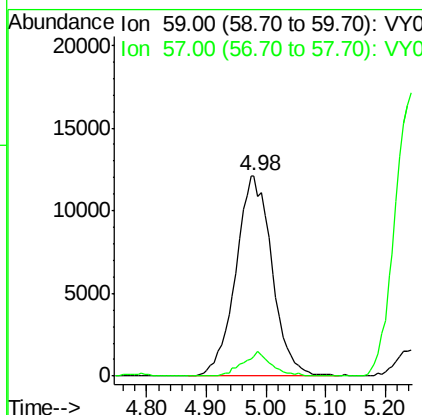
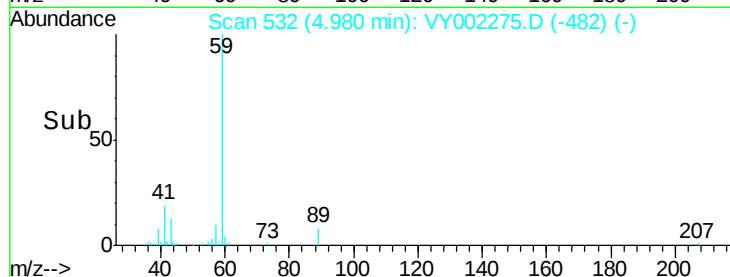
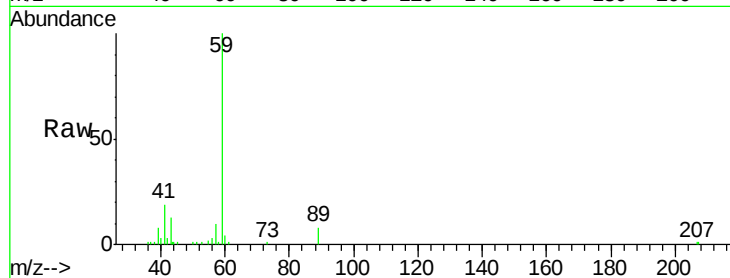
Tert butyl alcohol  
Concen: 237.167 ug/l  
RT: 4.98 min Scan# 532  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 59  | Resp  | 51031 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 57        | 9.6 | 6.6   | 9.8   |

Manual Integrations  
APPROVED

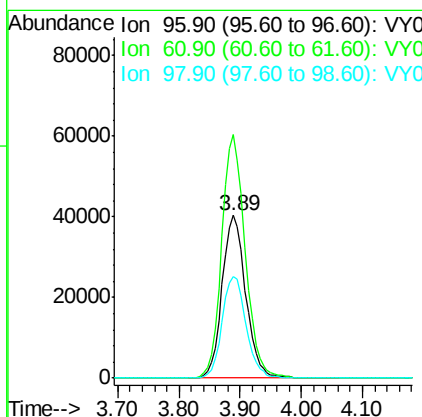
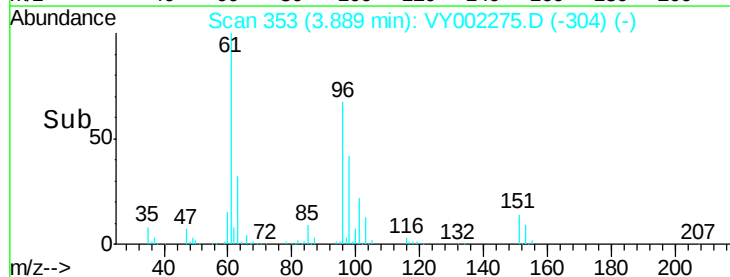
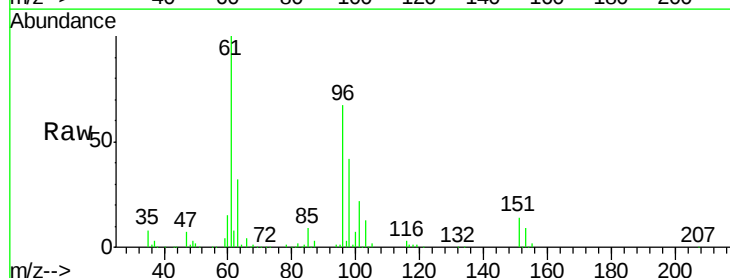
MMDadoda  
4/14/2020 10:01:45 AM

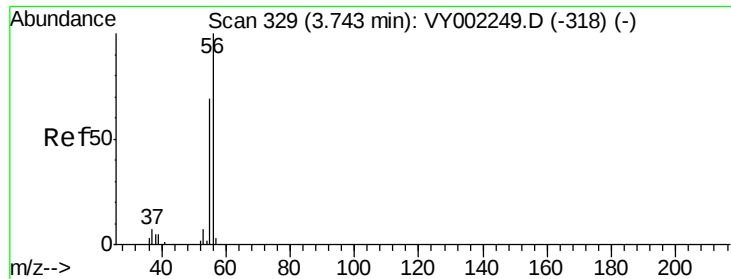


#12

1,1-Dichloroethene  
Concen: 49.405 ug/l  
RT: 3.89 min Scan# 353  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion   | 96    | Resp  | 107573 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 149.9 | 125.9 | 188.9  |
| 98        | 62.5  | 51.1  | 76.7   |





#13

Acrolein

Concen: 240.757 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 62251

Ion Ratio Lower Upper

56 100

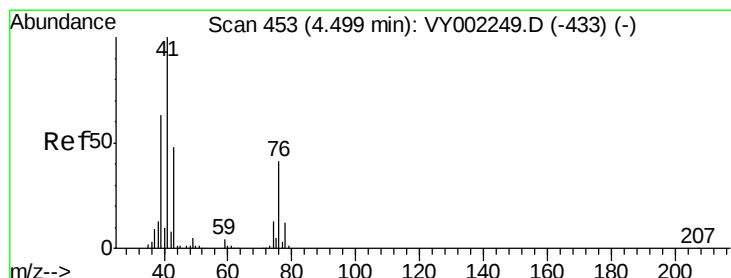
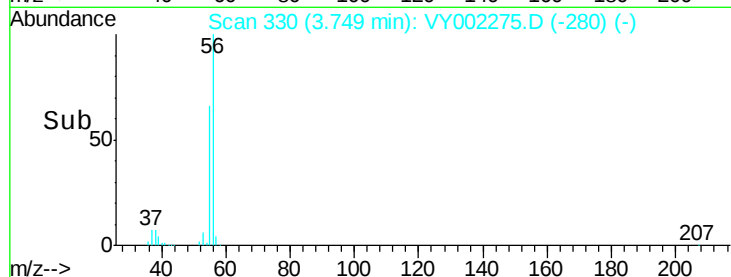
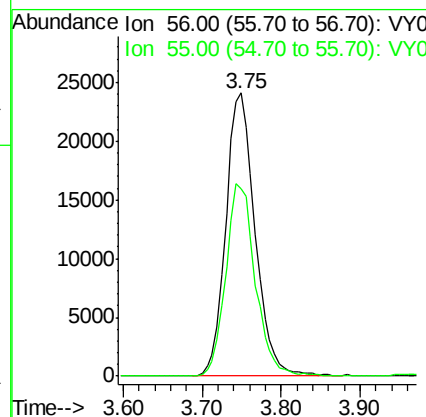
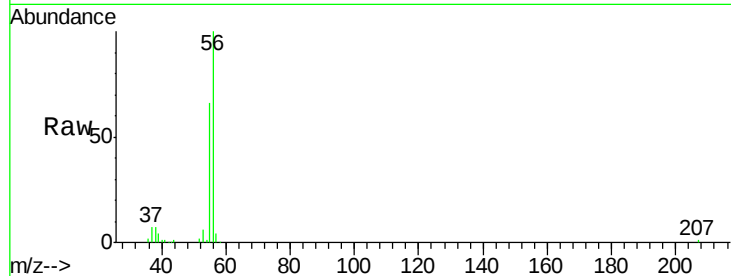
55 68.4 55.8 83.8

Manual Integrations

APPROVED

MMDadoda

4/14/2020 10:01:45 AM



#14

Allyl chloride

Concen: 47.768 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

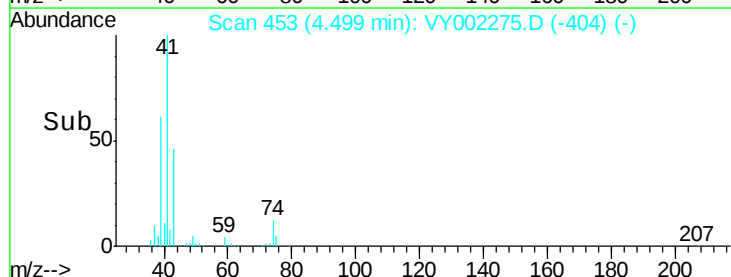
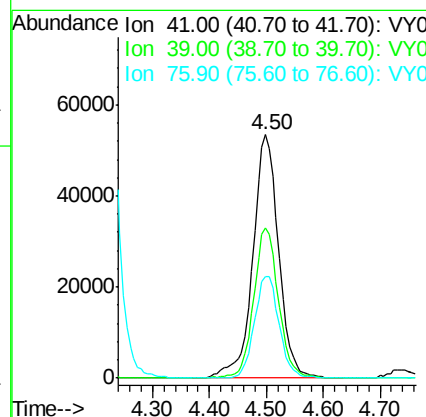
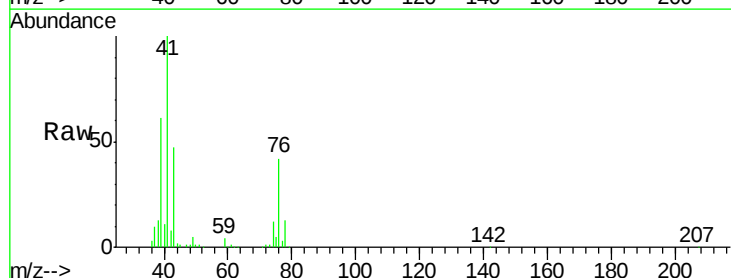
Tgt Ion: 41 Resp: 167958

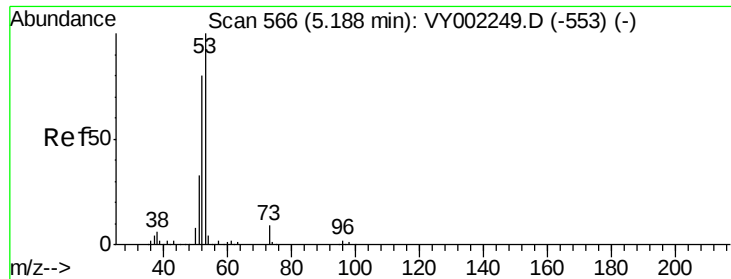
Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 40.2 31.0 46.6





#15

Acrylonitrile

Concen: 233.436 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

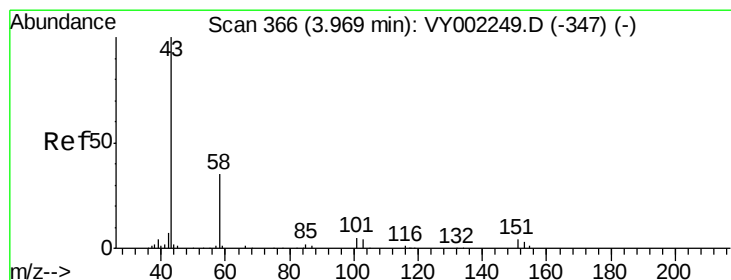
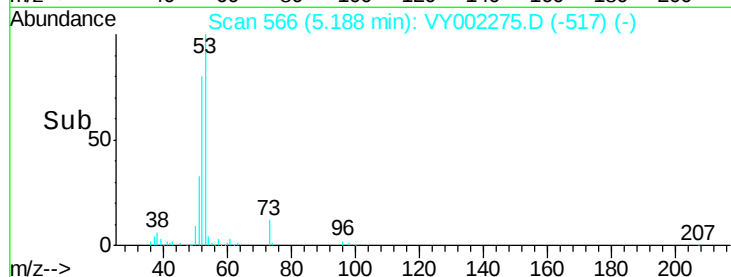
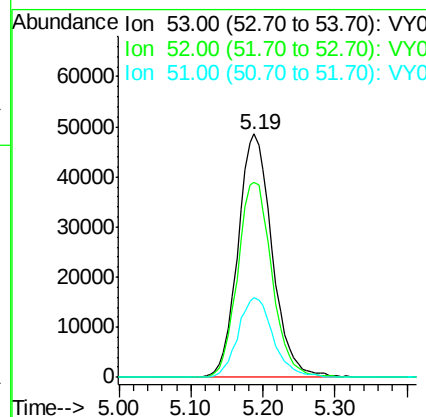
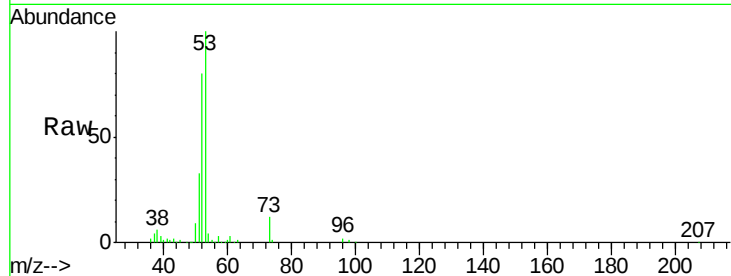
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 160004 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 80.8  | 65.1  | 97.7   |
| 51       | 33.8  | 27.1  | 40.7   |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM



#16

Acetone

Concen: 274.238 ug/l

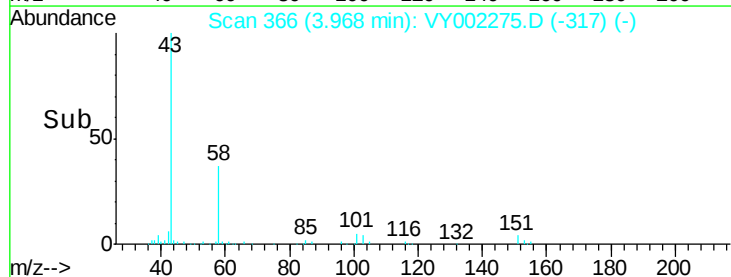
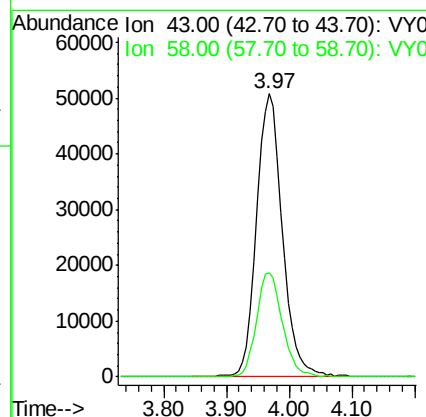
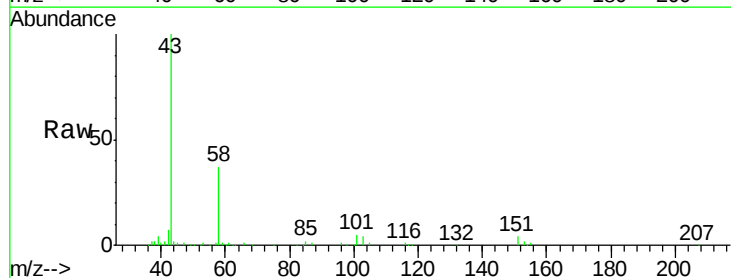
RT: 3.97 min Scan# 366

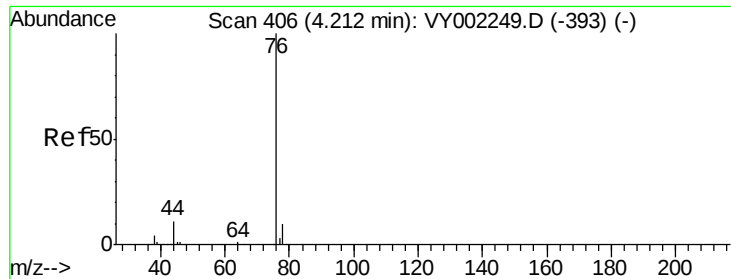
Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 144845 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 36.9  | 28.5  | 42.7   |





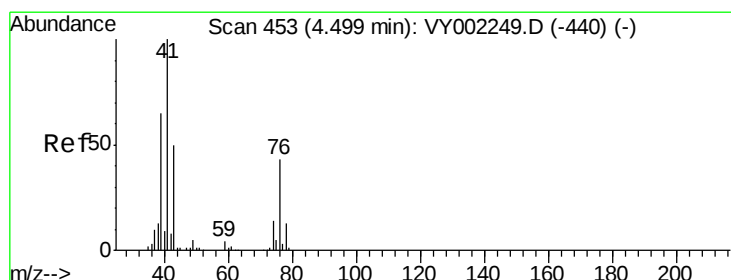
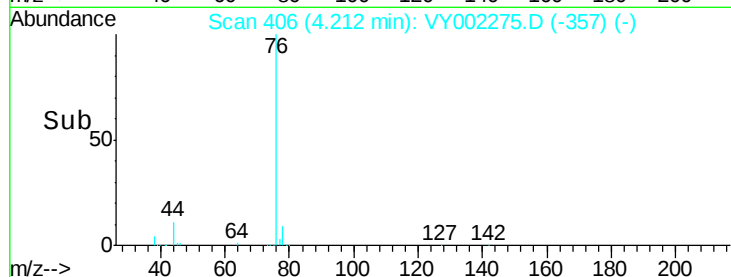
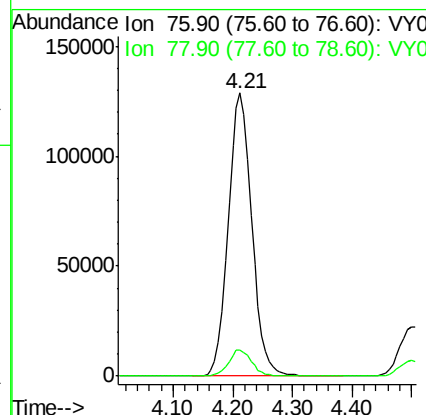
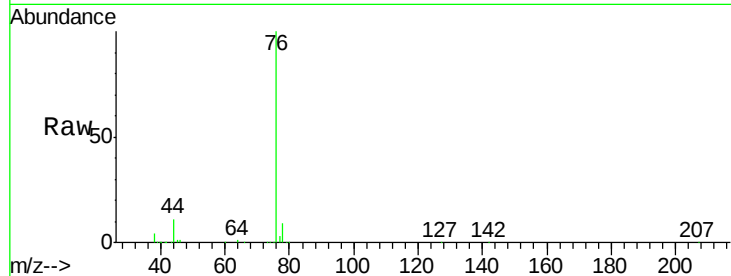
#17  
Carbon Disulfide  
Concen: 48.852 ug/l  
RT: 4.21 min Scan# 406  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.7   | 11.5  |

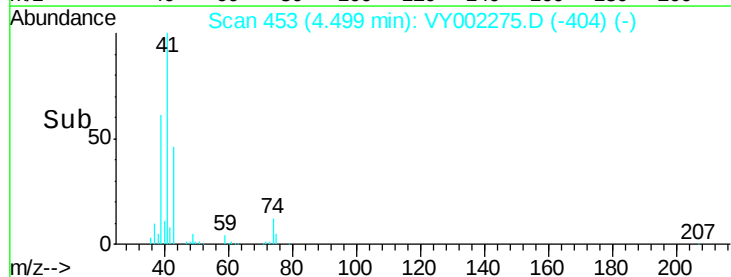
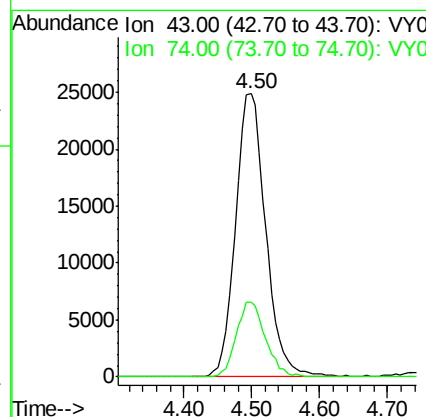
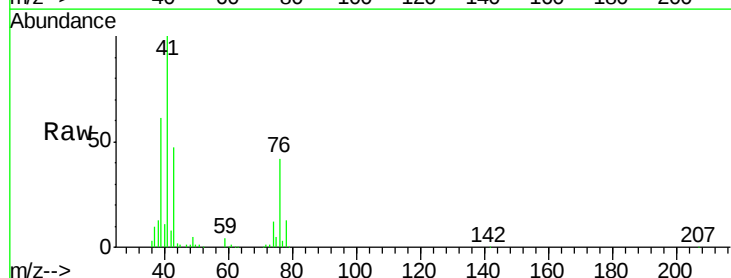
Manual Integrations  
APPROVED

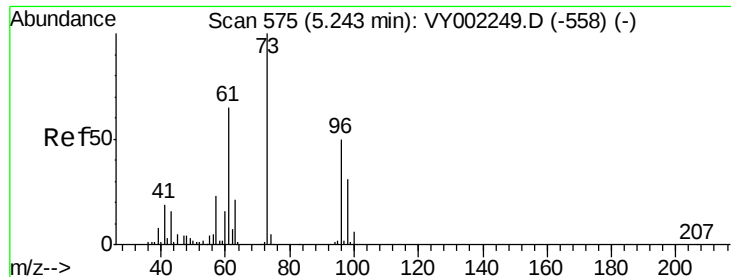
MMDadoda  
4/14/2020 10:01:45 AM



#18  
Methyl Acetate  
Concen: 46.792 ug/l  
RT: 4.50 min Scan# 453  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.8  | 20.3  | 30.5  |





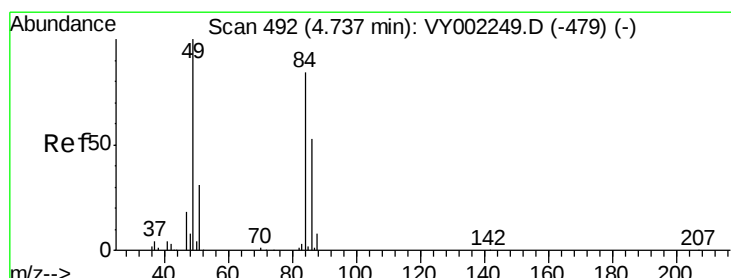
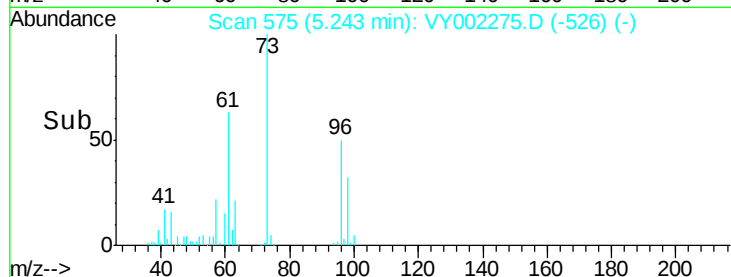
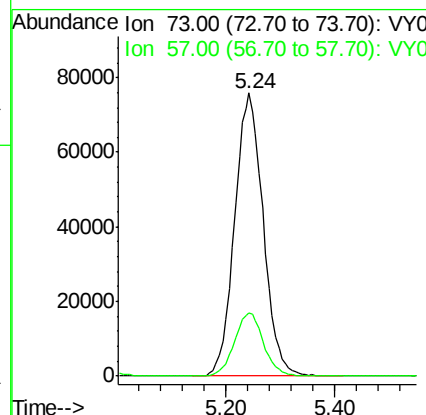
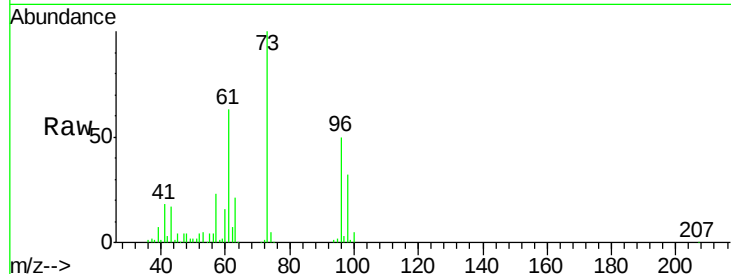
#19  
Methvl tert-butvl Ether  
Concen: 48.385 ug/l  
RT: 5.24 min Scan# 575  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 276966  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.7 28.1

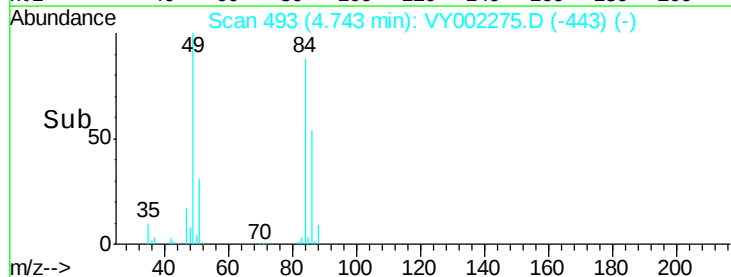
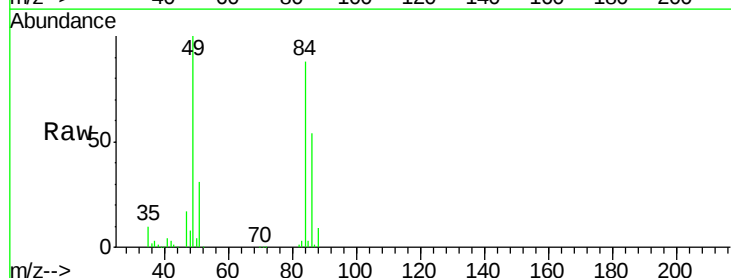
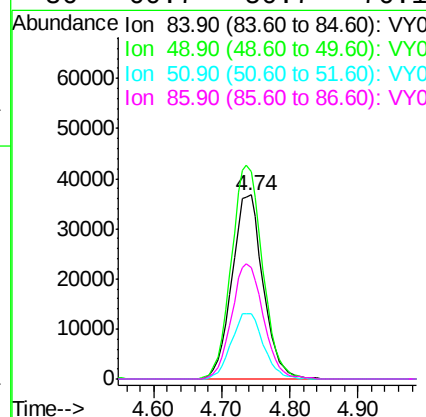
Manual Integrations  
APPROVED

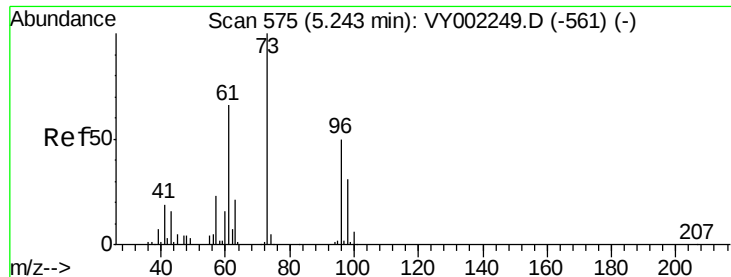
MMDadoda  
4/14/2020 10:01:45 AM



#20  
Methylene Chloride  
Concen: 44.973 ug/l  
RT: 4.74 min Scan# 493  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Tgt Ion: 84 Resp: 116752  
Ion Ratio Lower Upper  
84 100  
49 113.1 95.5 143.3  
51 35.5 29.5 44.3  
86 60.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.312 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 118075

Ion Ratio Lower Upper

96 100

61 126.6 104.6 157.0

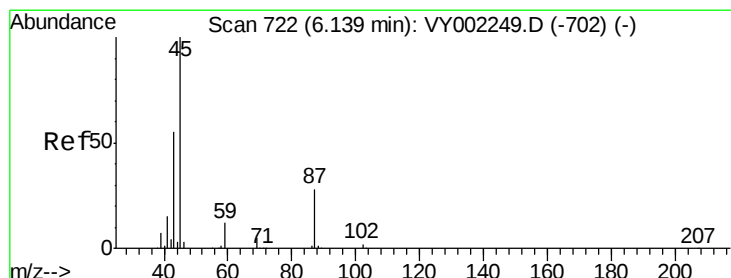
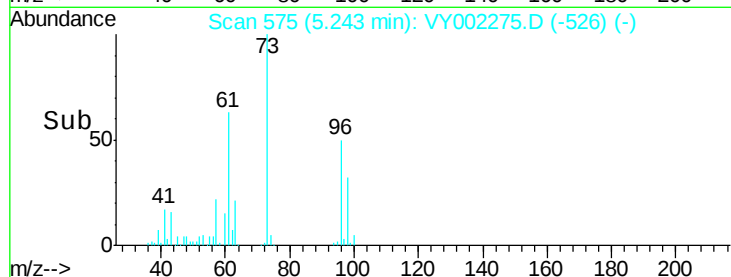
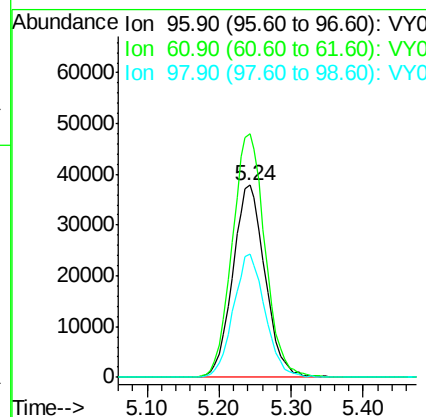
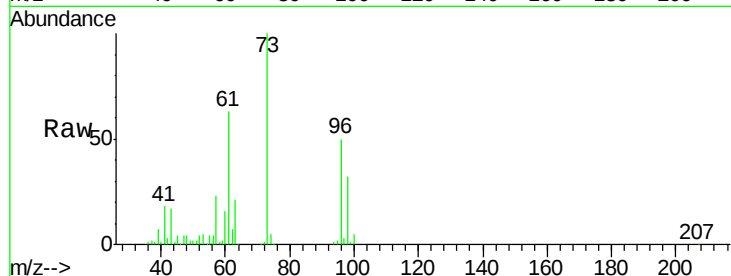
98 64.0 50.1 75.1

Manual Integrations

APPROVED

MMDadoda

4/14/2020 10:01:45 AM



#22

Diisopropyl ether

Concen: 47.639 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Tgt Ion: 45 Resp: 337092

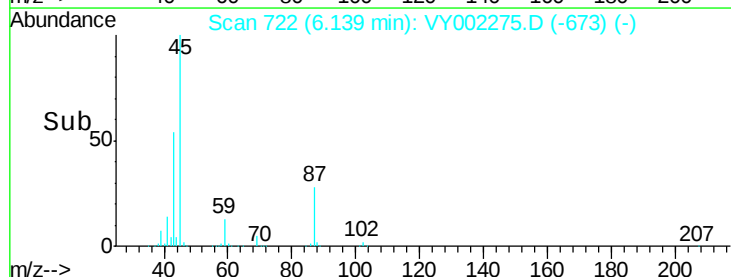
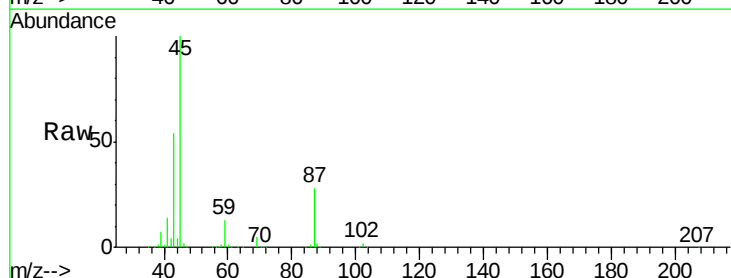
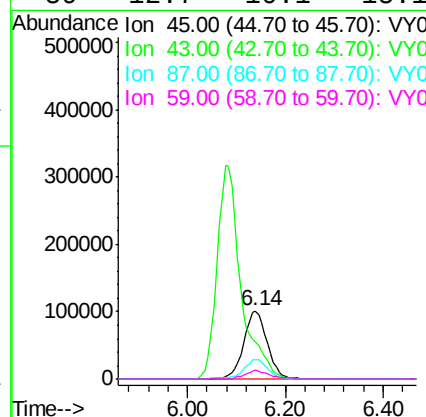
Ion Ratio Lower Upper

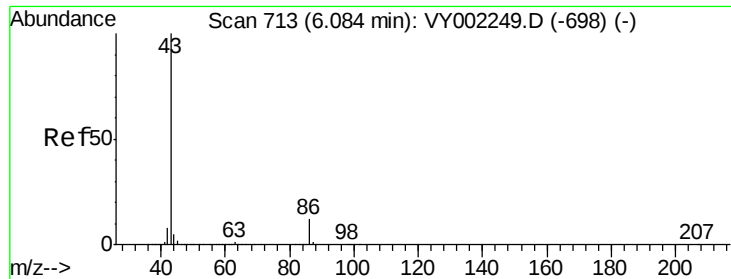
45 100

43 54.2 44.7 67.1

87 28.3 23.0 34.4

59 12.7 10.1 15.1





#23

Vinyl Acetate

Concen: 238.259 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1074365

Ion Ratio Lower Upper

43 100

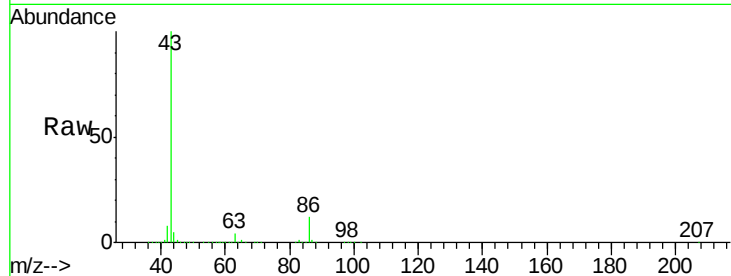
86 12.0 9.2 13.8

Manual Integrations

APPROVED

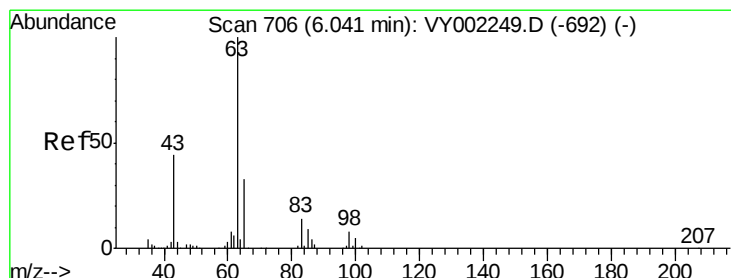
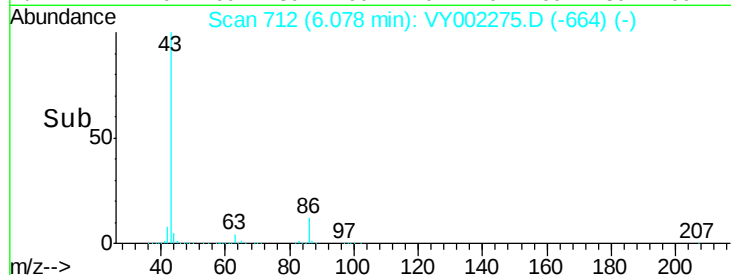
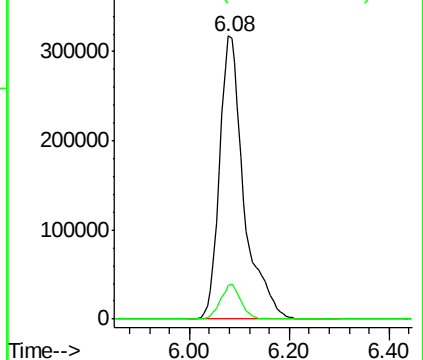
MMDadoda

4/14/2020 10:01:45 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: 48.041 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

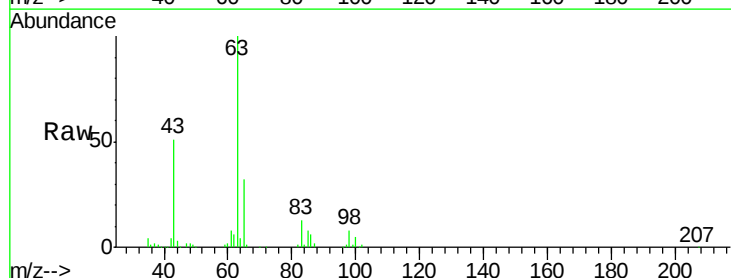
Tgt Ion: 63 Resp: 193354

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

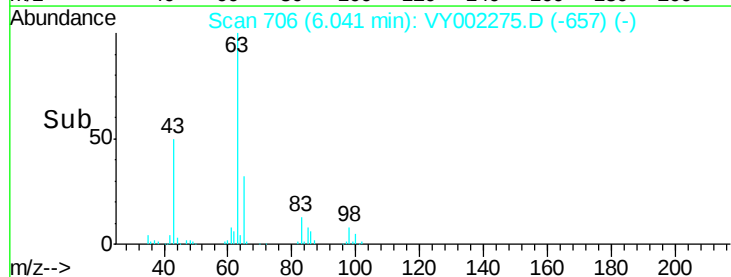
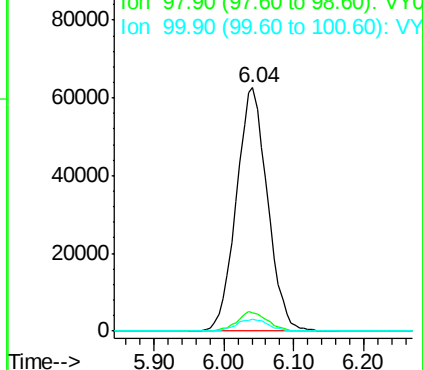
100 4.9 2.4 7.1

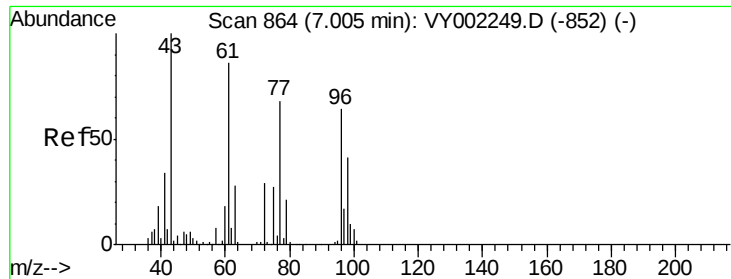


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 244.027 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 203972

Ion Ratio Lower Upper

43 100

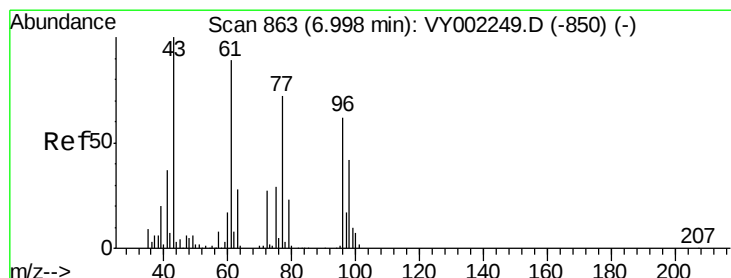
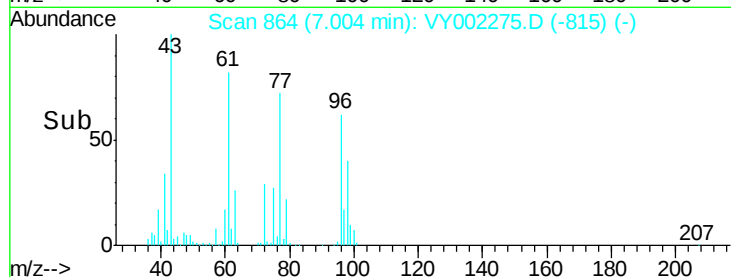
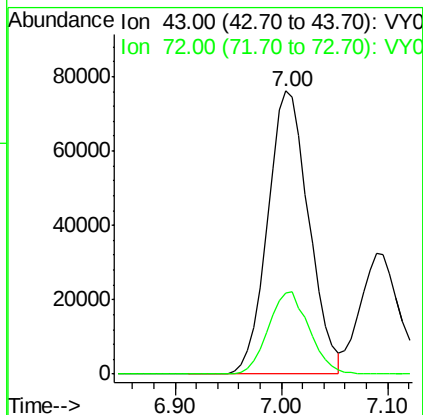
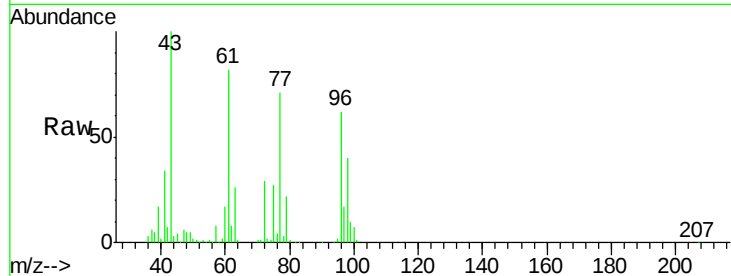
72 28.5 23.2 34.8

Manual Integrations

APPROVED

MMDadoda

4/14/2020 10:01:45 AM



#26

2,2-Dichloropropane

Concen: 48.283 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002275.D

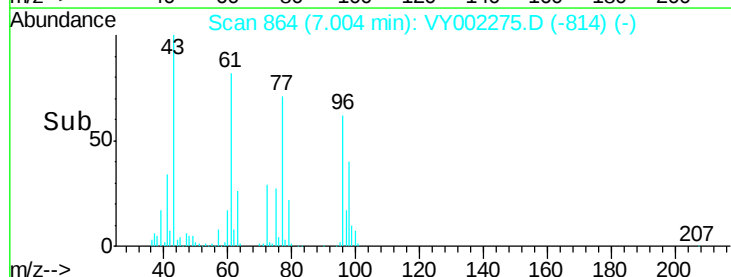
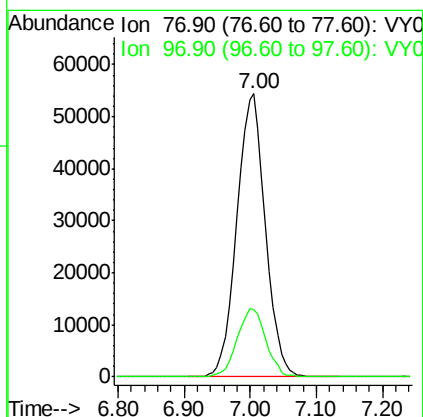
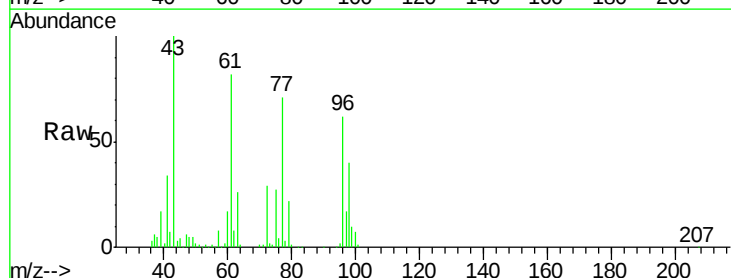
Acq: 13 Apr 2020 13:02

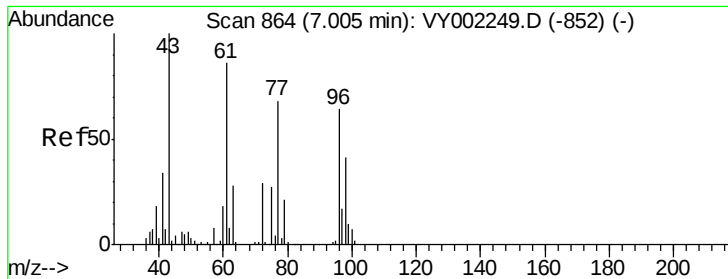
Tgt Ion: 77 Resp: 162555

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6





#27

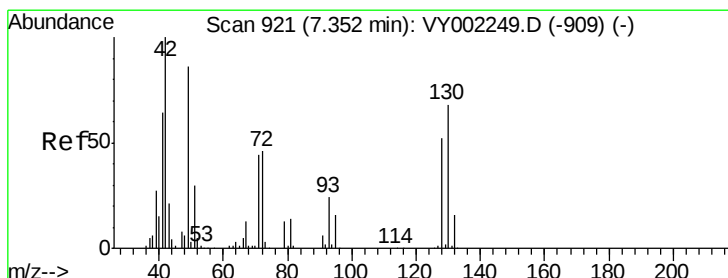
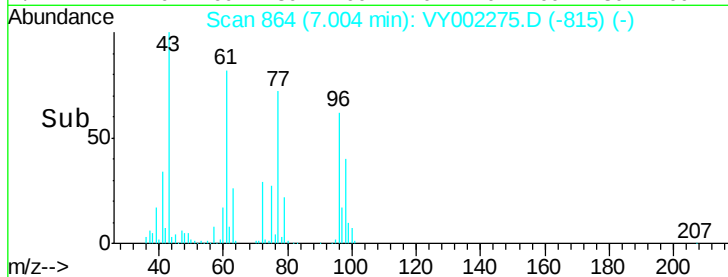
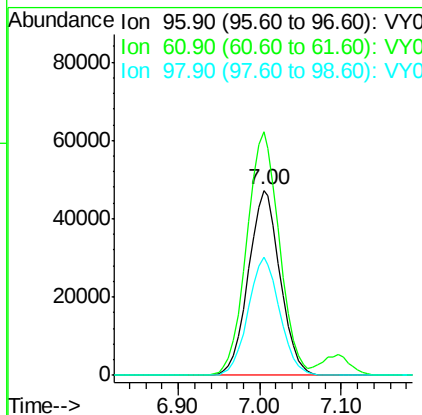
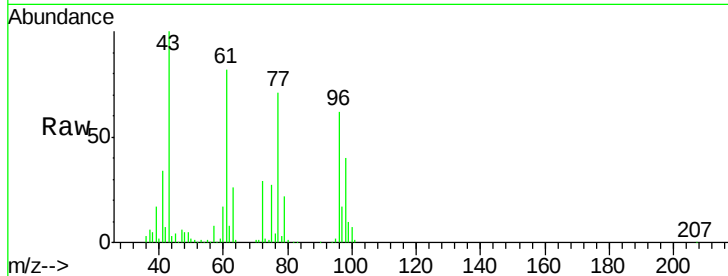
cis-1,2-Dichloroethene  
 Concen: 48.011 ug/l  
 RT: 7.00 min Scan# 864  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 135.4 | 0.0  | 278.0 |       |
| 98      | 63.6  | 0.0  | 128.6 |       |

Manual Integrations  
 APPROVED

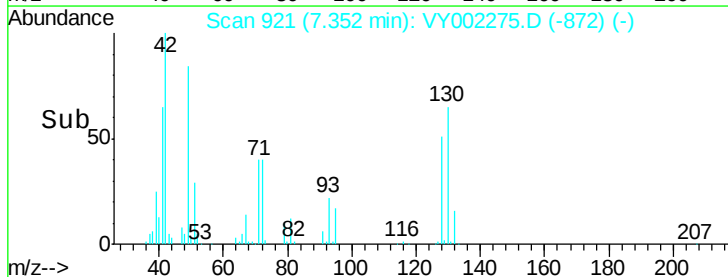
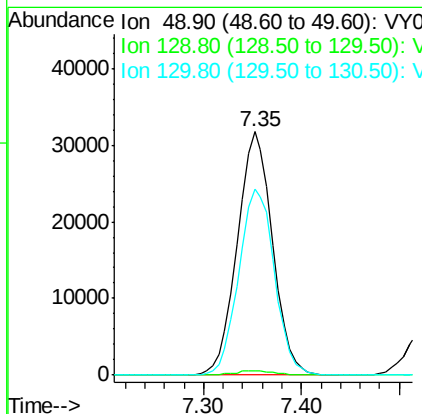
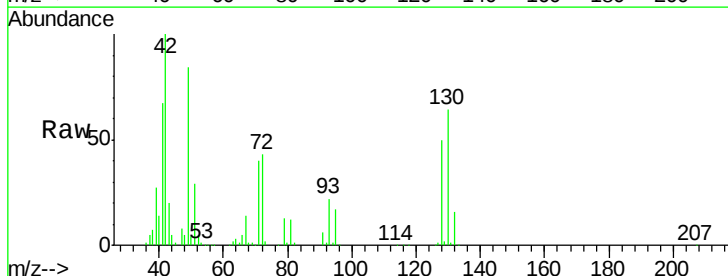
MMDadoda  
 4/14/2020 10:01:45 AM

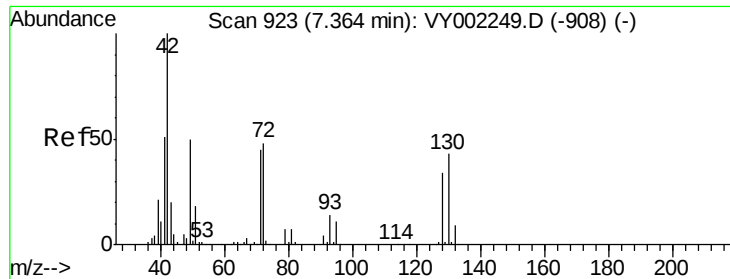


#28

Bromochloromethane  
 Concen: 45.617 ug/l  
 RT: 7.35 min Scan# 921  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.1   | 0.0  | 4.2   |       |
| 130     | 77.8  | 60.9 | 91.3  |       |





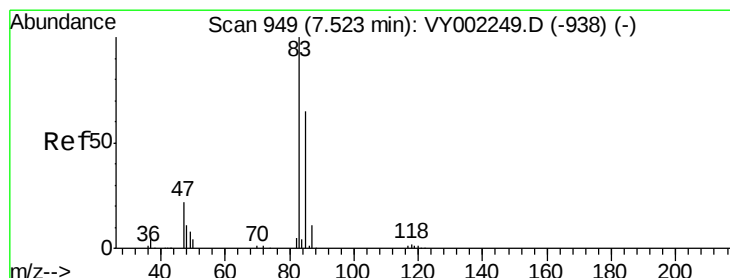
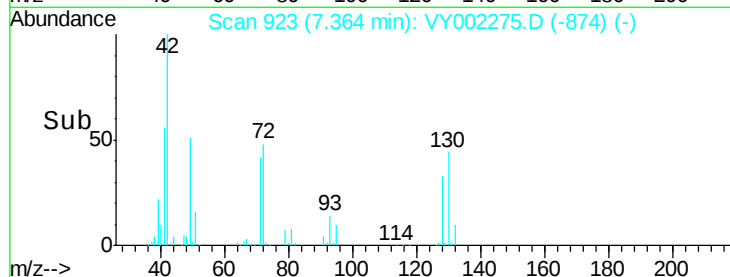
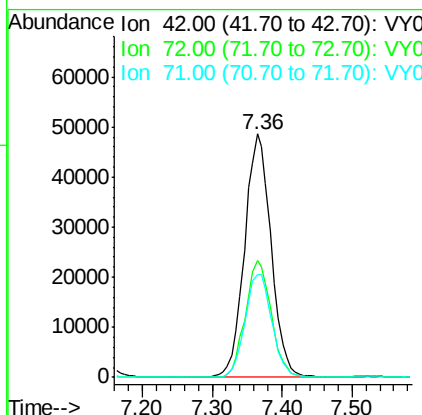
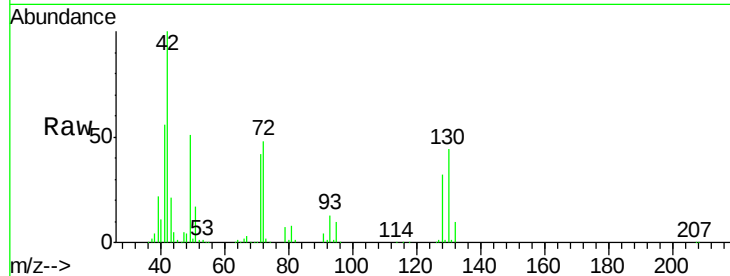
#29  
Tetrahydrofuran  
Concen: 231.444 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.8  | 36.7  | 55.1  |
| 71      | 42.8  | 34.7  | 52.1  |

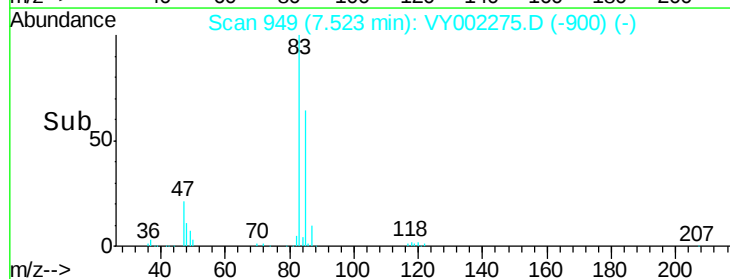
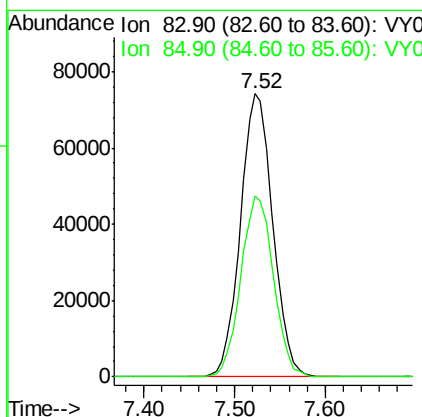
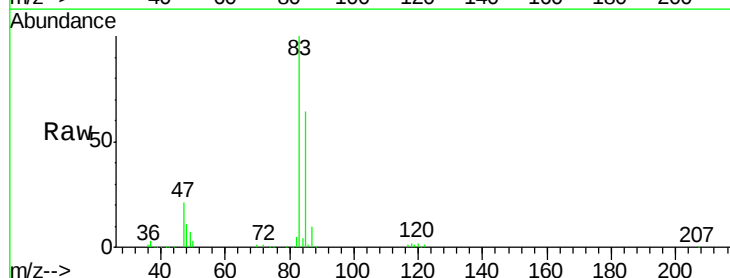
Manual Integrations  
APPROVED

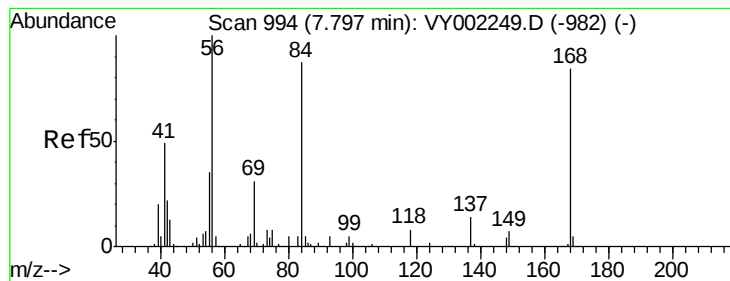
MMDadoda  
4/14/2020 10:01:45 AM



#30  
Chloroform  
Concen: 48.226 ug/l  
RT: 7.52 min Scan# 949  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 52.0  | 78.0  |





#31

Cyclohexane

Concen: 46.511 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 196494

Ion Ratio Lower Upper

56 100

69 32.0 25.0 37.6

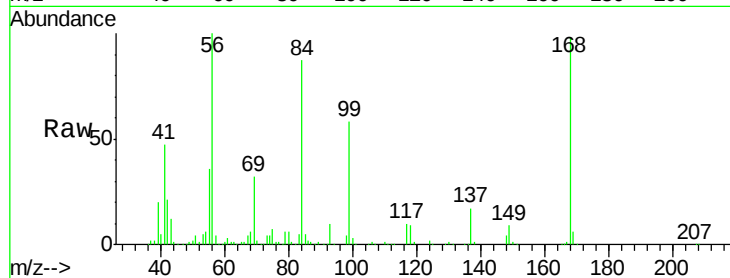
84 86.3 69.7 104.5

Manual Integrations

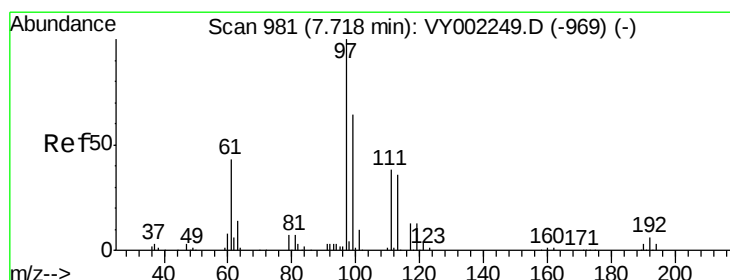
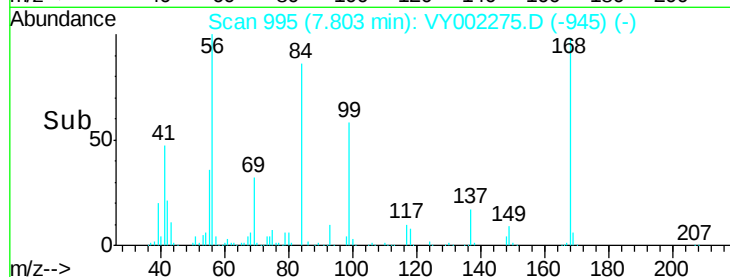
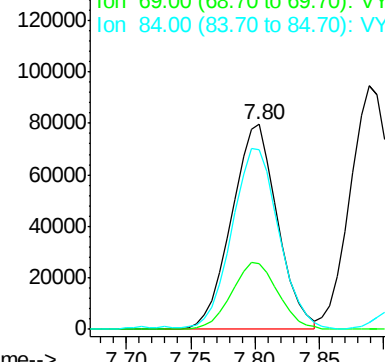
APPROVED

MMDadoda

4/14/2020 10:01:45 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.839 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

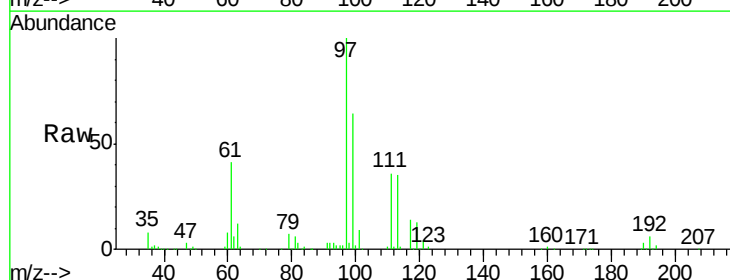
Tgt Ion: 97 Resp: 157381

Ion Ratio Lower Upper

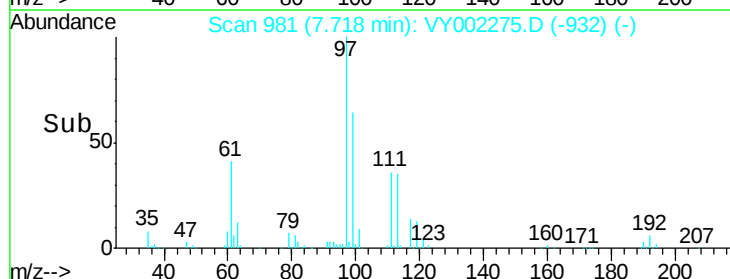
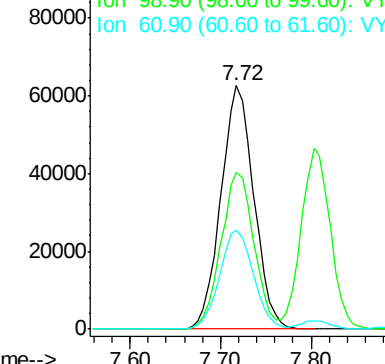
97 100

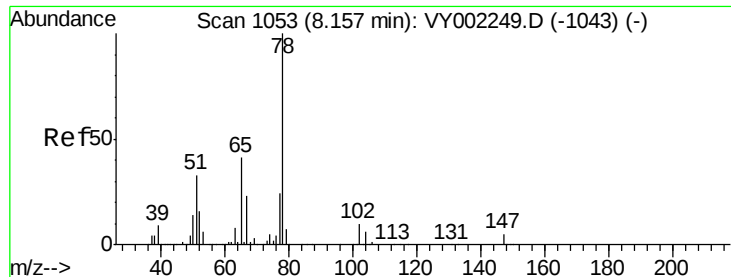
99 65.1 51.3 76.9

61 41.8 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VY0  
Ion 98.90 (98.60 to 99.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 48.451 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 97161

Ion Ratio Lower Upper

65 100

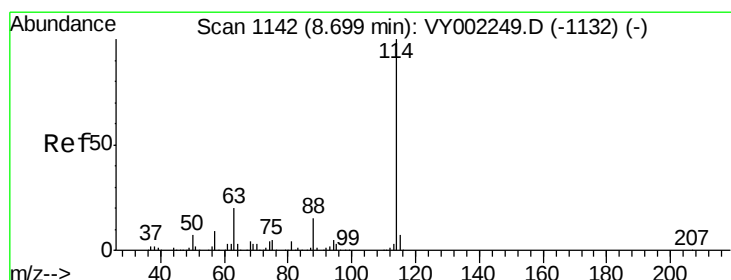
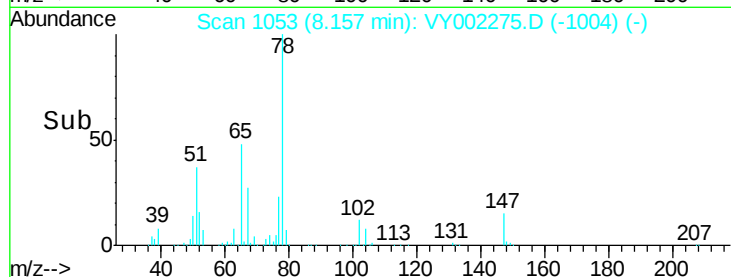
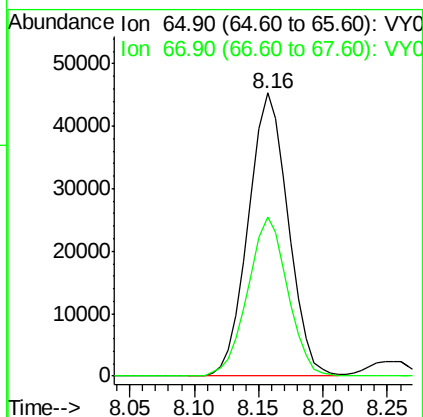
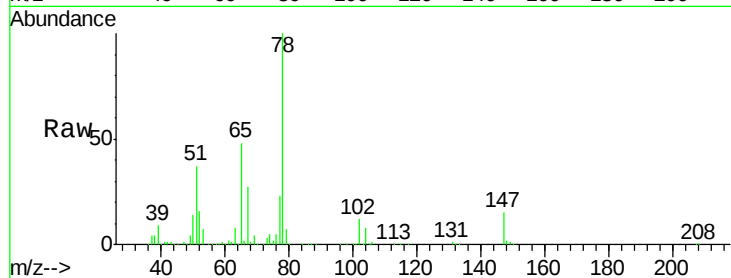
67 56.3 0.0 114.0

Manual Integrations

APPROVED

MMDadoda

4/14/2020 10:01:45 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

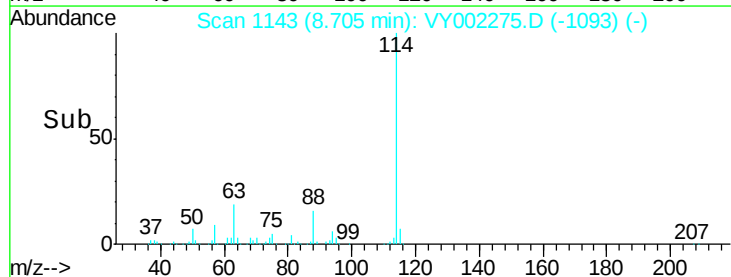
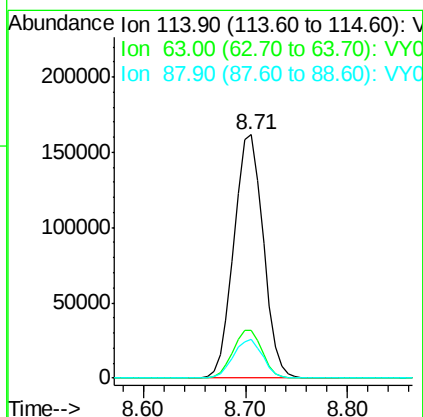
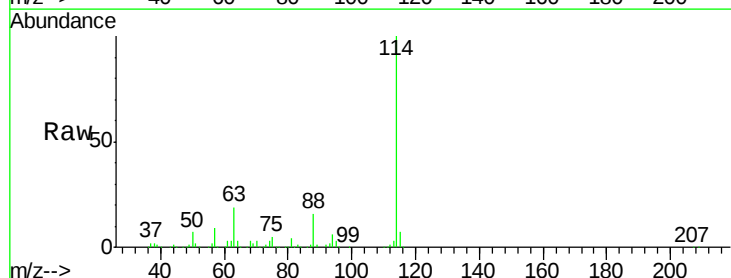
Tgt Ion: 114 Resp: 322245

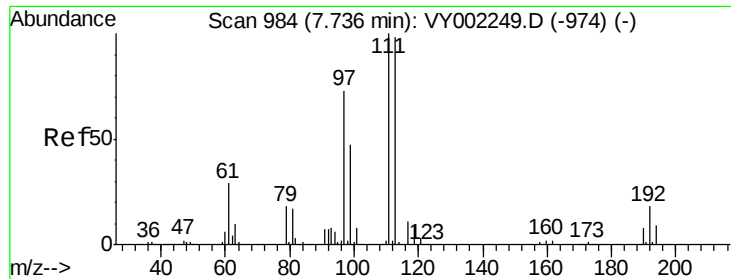
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

88 16.1 0.0 31.0





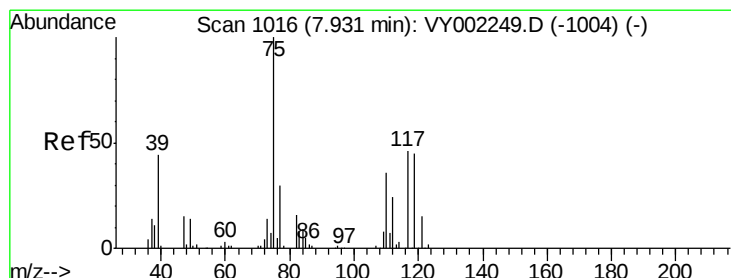
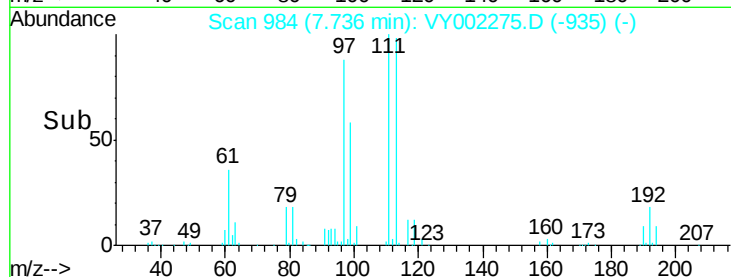
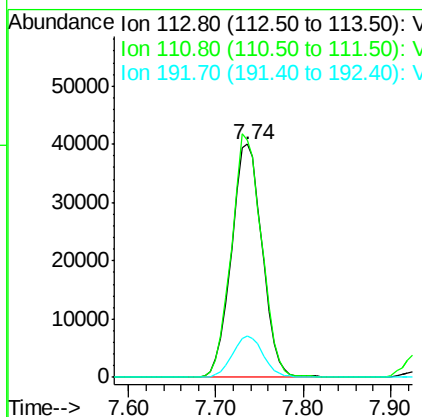
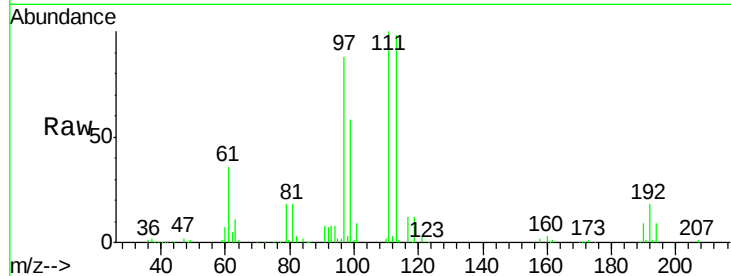
#35  
 Dibromofluoromethane  
 Concen: 51.076 ug/l  
 RT: 7.74 min Scan# 984  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 97936 |       |       |
| 111     | 102.5 | 83.5  | 125.3 |       |
| 192     | 17.6  | 14.7  | 22.1  |       |

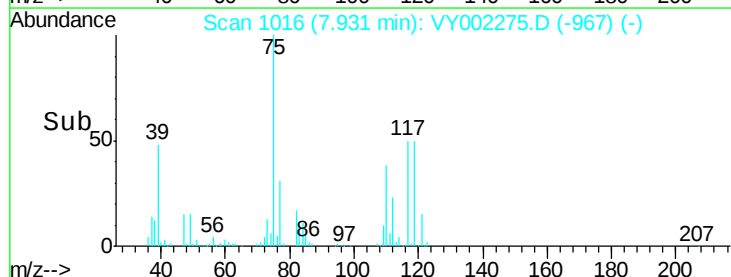
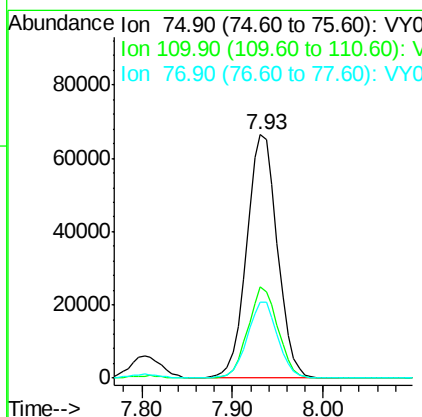
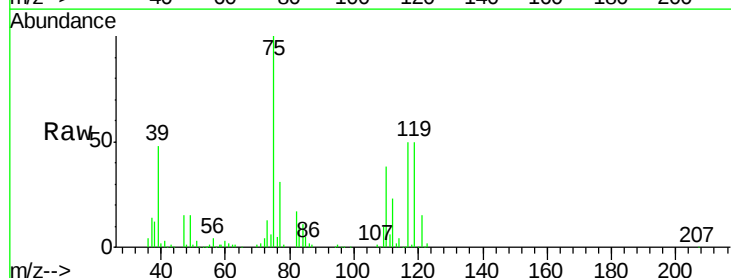
Manual Integrations  
 APPROVED

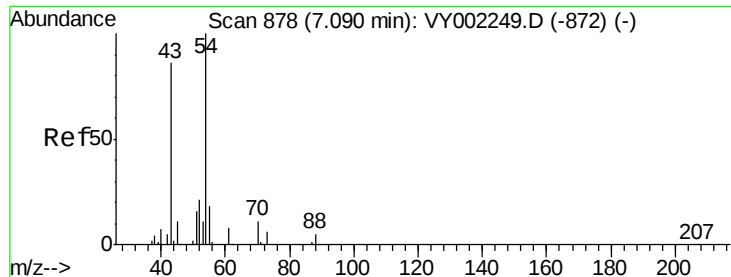
MMDadoda  
 4/14/2020 10:01:45 AM



#36  
 1,1-Dichloropropene  
 Concen: 48.979 ug/l  
 RT: 7.93 min Scan# 1016  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 155463 |       |       |
| 110     | 36.5  | 17.8   | 53.3  |       |
| 77      | 31.1  | 24.4   | 36.6  |       |





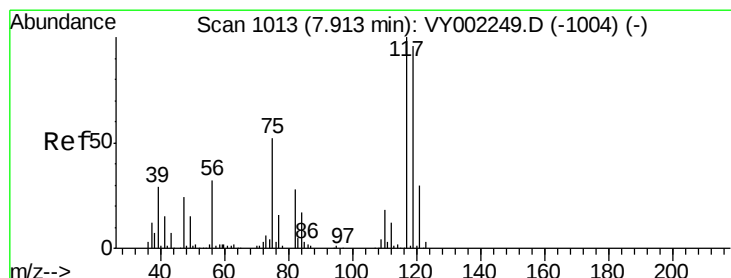
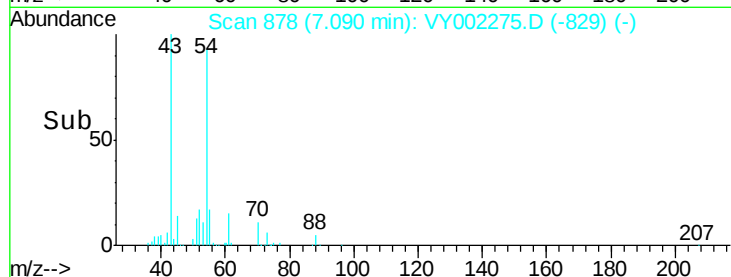
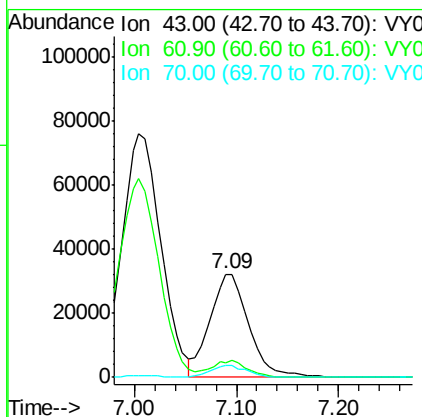
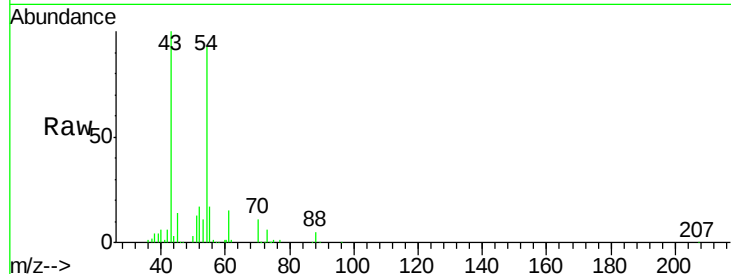
#37  
Ethyl Acetate  
Concen: 46.875 ug/l  
RT: 7.09 min Scan# 878  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.4  | 11.8  | 17.6  |
| 70      | 11.4  | 9.1   | 13.7  |

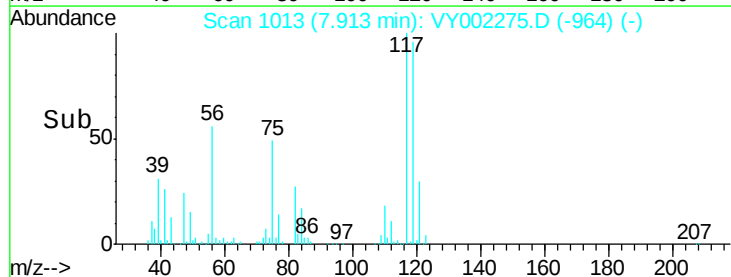
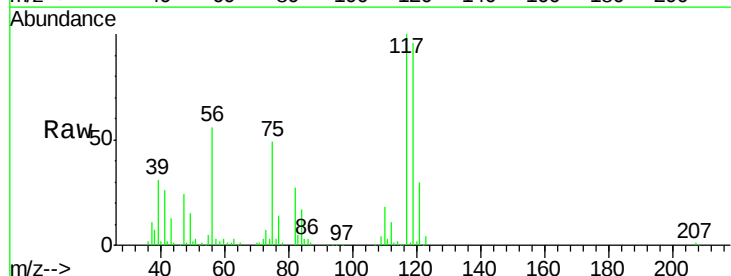
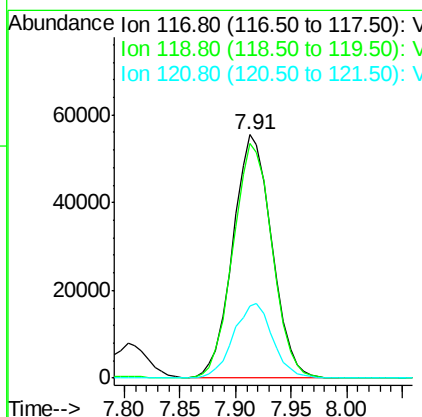
Manual Integrations  
APPROVED

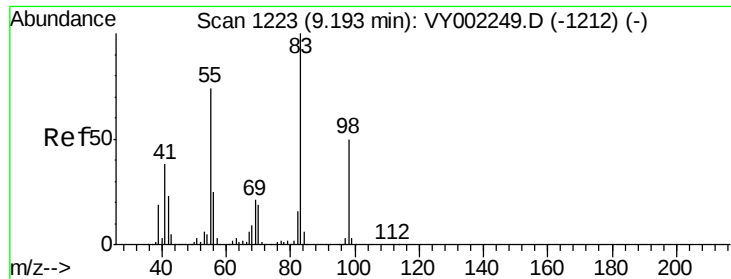
MMDadoda  
4/14/2020 10:01:45 AM



#38  
Carbon Tetrachloride  
Concen: 49.738 ug/l  
RT: 7.91 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 77.1  | 115.7 |
| 121     | 29.7  | 23.9  | 35.9  |





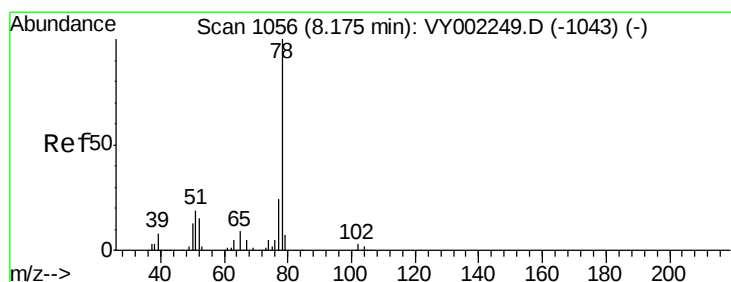
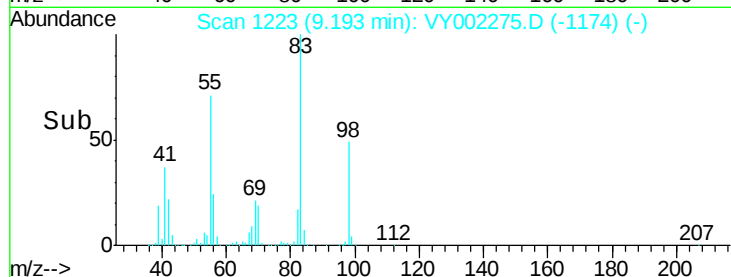
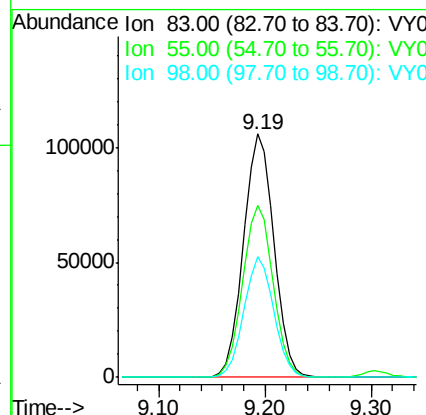
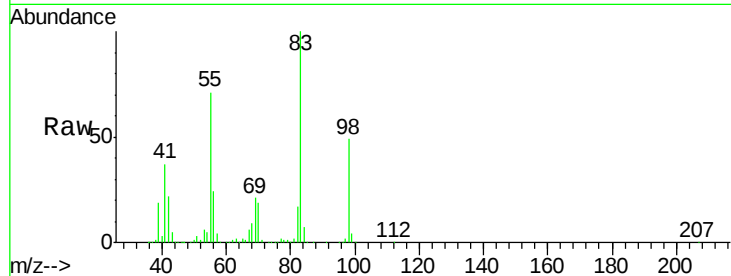
#39  
Methylvlcvclohexane  
Concen: 49.440 ug/l  
RT: 9.19 min Scan# 1223  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 70.8  | 59.3  | 88.9  |
| 98      | 49.5  | 39.6  | 59.4  |

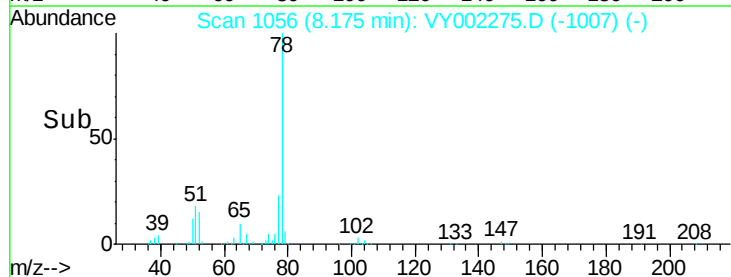
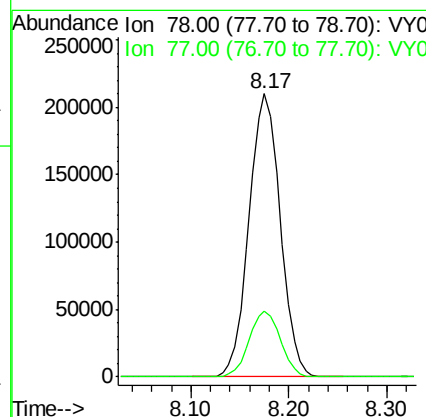
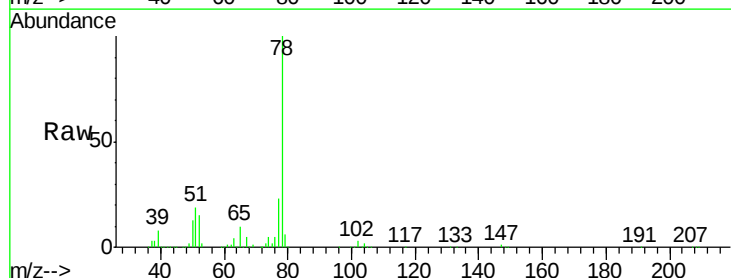
Manual Integrations  
APPROVED

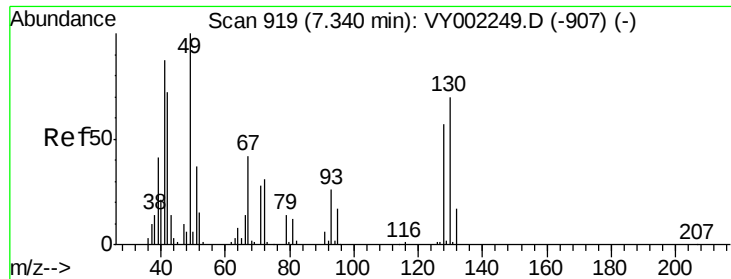
MMDadoda  
4/14/2020 10:01:45 AM



#40  
Benzene  
Concen: 48.464 ug/l  
RT: 8.17 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 18.9  | 28.3  |





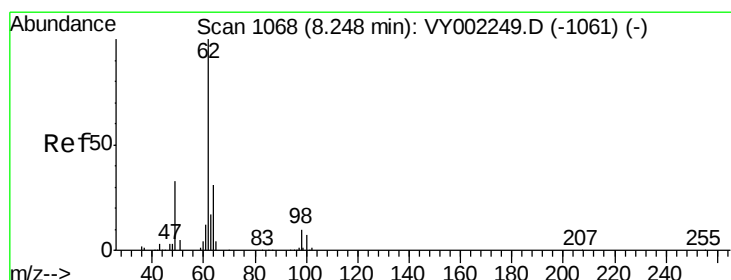
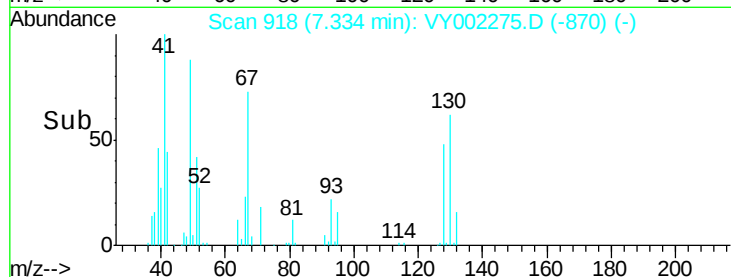
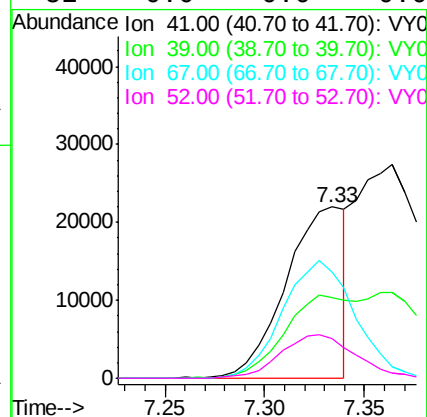
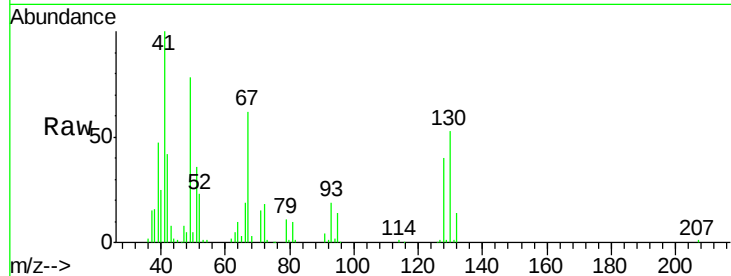
#41  
Methacrylonitrile  
Concen: 43.062 ug/l m  
RT: 7.33 min Scan# 918  
Delta R.T. -0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 41    | Resp  | 46063 |
|-----------|-------|-------|-------|
| 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   |

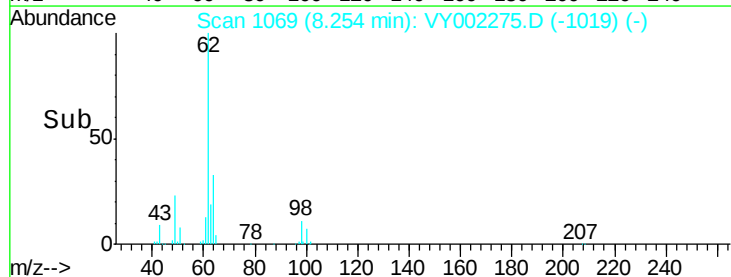
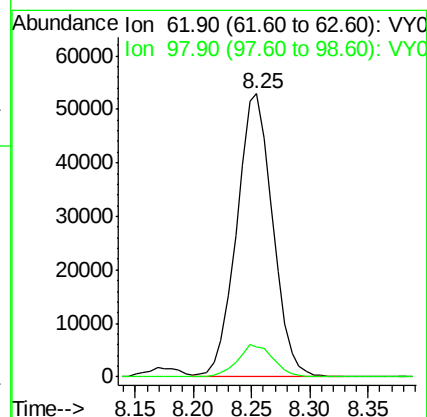
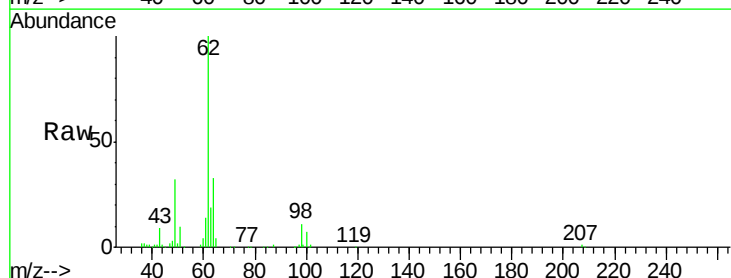
Manual Integrations  
APPROVED

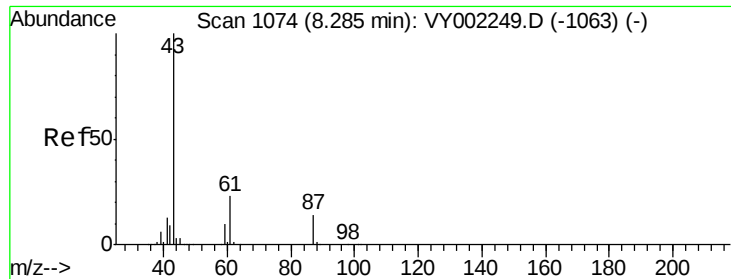
MMDadoda  
4/14/2020 10:01:45 AM



#42  
1,2-Dichloroethane  
Concen: 47.792 ug/l  
RT: 8.25 min Scan# 1069  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion   | 62    | Resp  | 114008 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 11.3  | 0.0   | 22.6   |





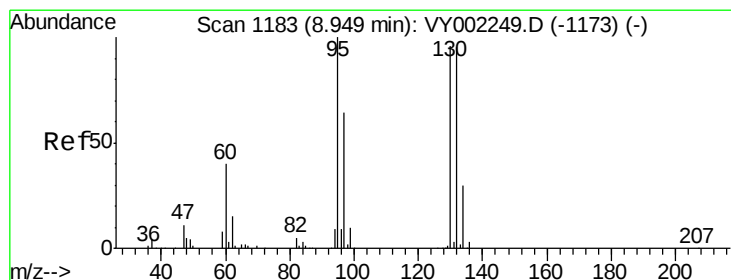
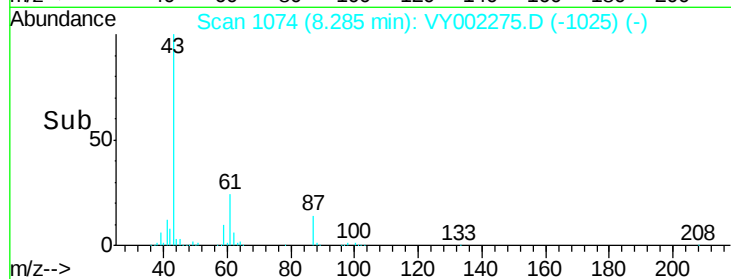
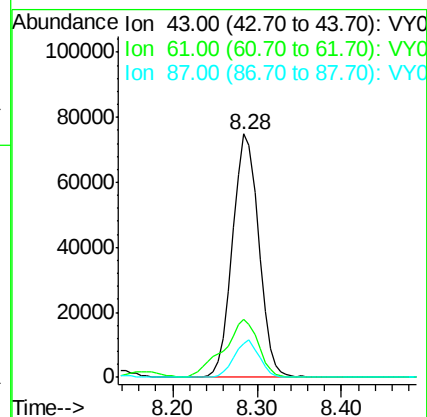
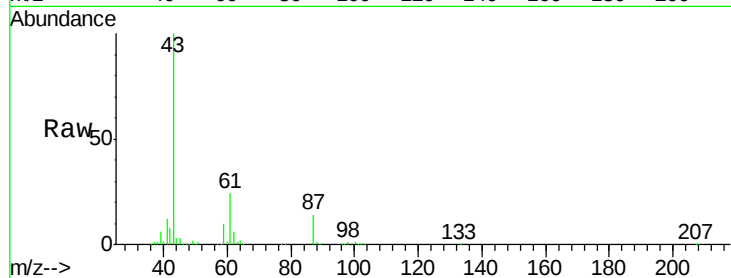
#43  
Isopropyl Acetate  
Concen: 47.551 ug/l  
RT: 8.28 min Scan# 1074  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 31.5  | 24.9  | 37.3  |
| 87      | 14.7  | 11.7  | 17.5  |

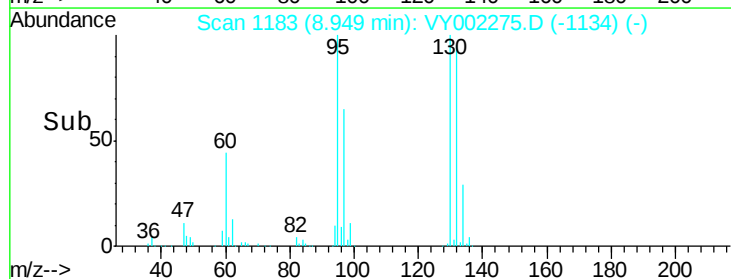
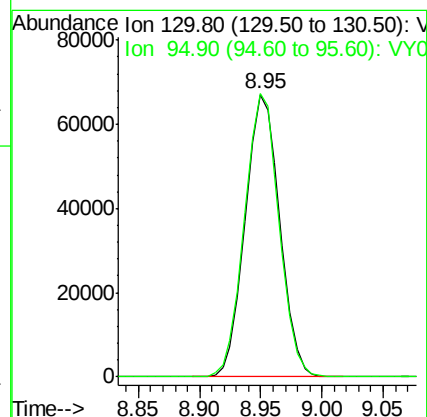
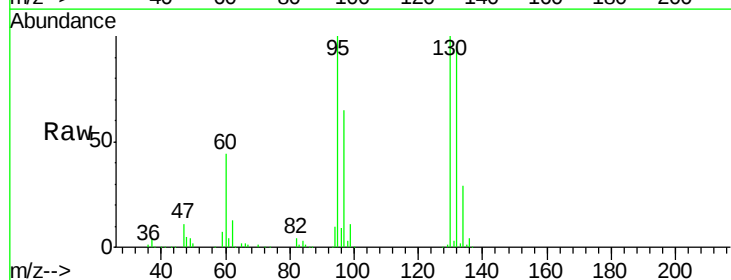
Manual Integrations  
APPROVED

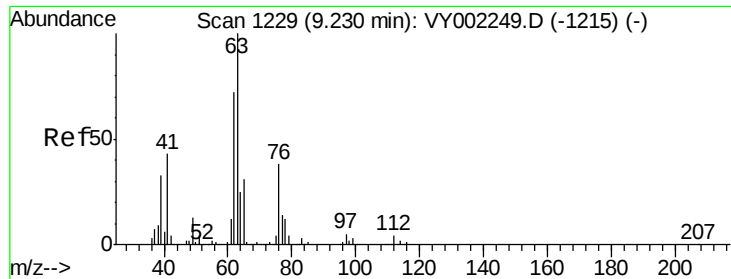
MMDadoda  
4/14/2020 10:01:45 AM



#44  
Trichloroethene  
Concen: 46.470 ug/l  
RT: 8.95 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 100.2 | 0.0   | 208.2 |





#45

1,2-Dichloropropane

Concen: 47.804 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 114223

Ion Ratio Lower Upper

63 100

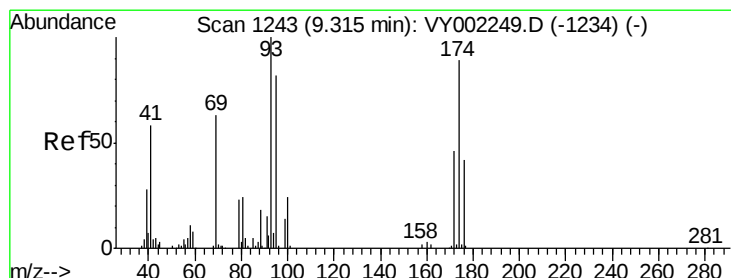
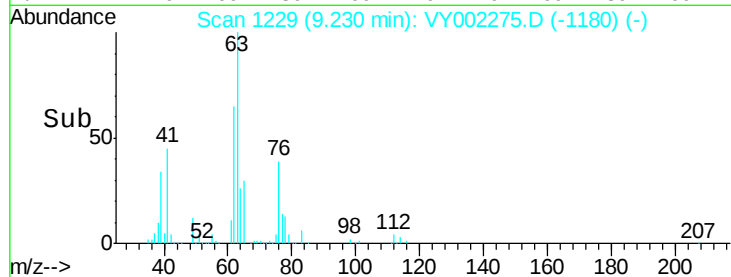
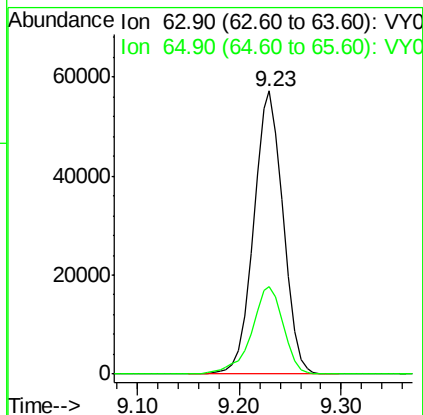
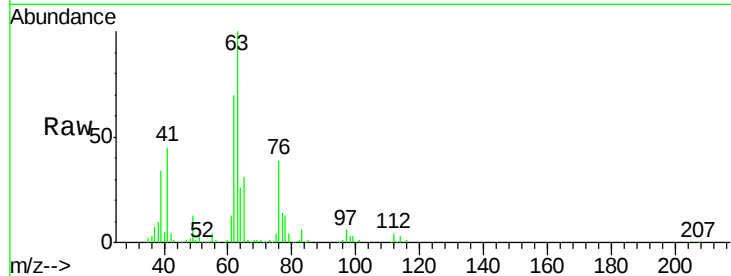
65 30.9 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

4/14/2020 10:01:45 AM



#46

Dibromomethane

Concen: 48.001 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

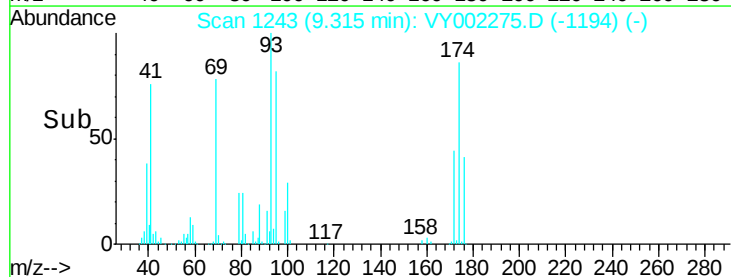
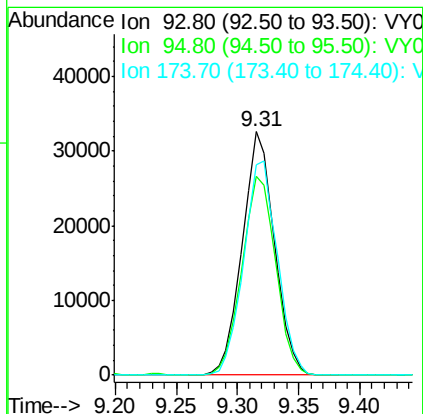
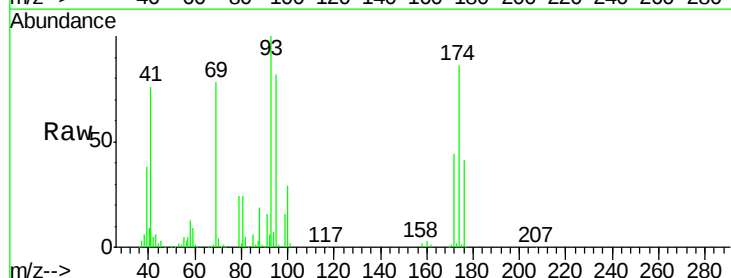
Tgt Ion: 93 Resp: 59968

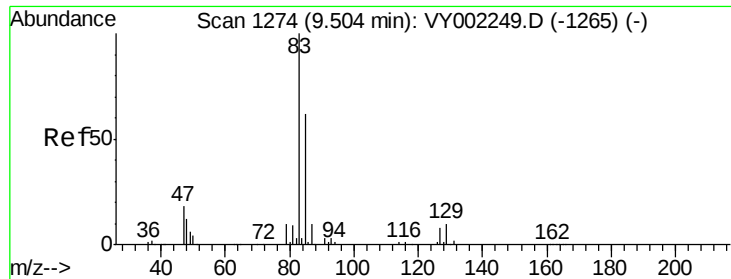
Ion Ratio Lower Upper

93 100

95 85.0 67.3 100.9

174 91.7 72.5 108.7





#47

Bromodichloromethane

Concen: 49.410 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

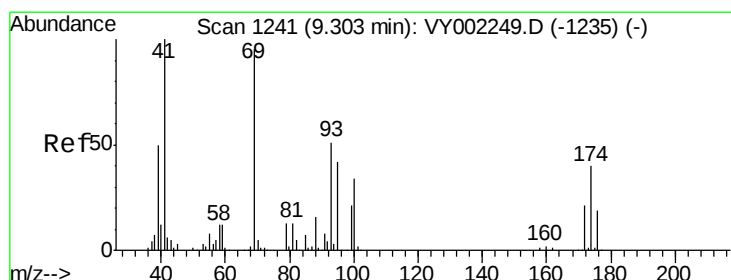
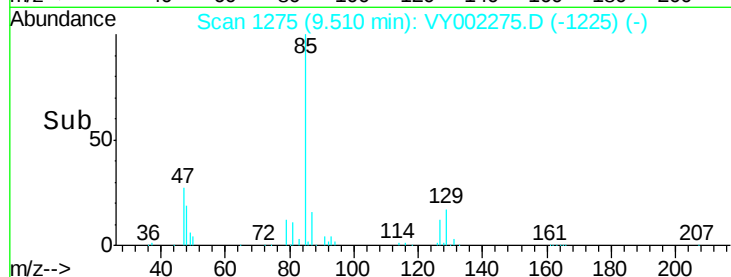
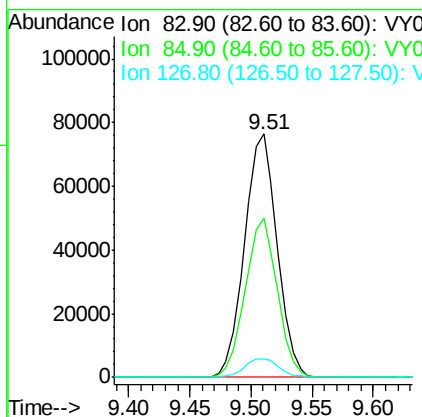
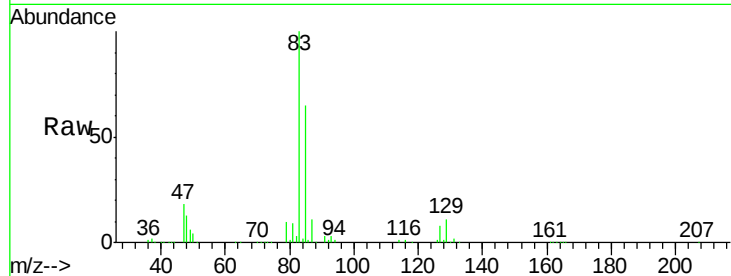
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 141639 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.1  | 49.7  | 74.5   |
| 127      | 7.7   | 6.2   | 9.4    |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM



#48

Methyl methacrylate

Concen: 47.880 ug/l

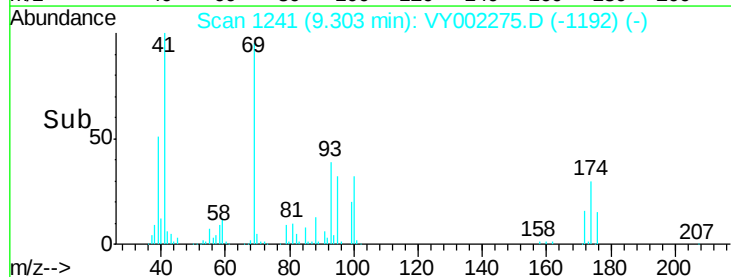
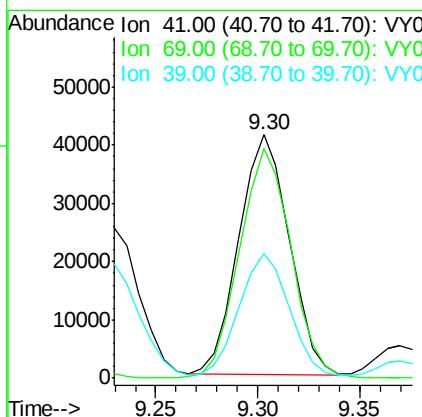
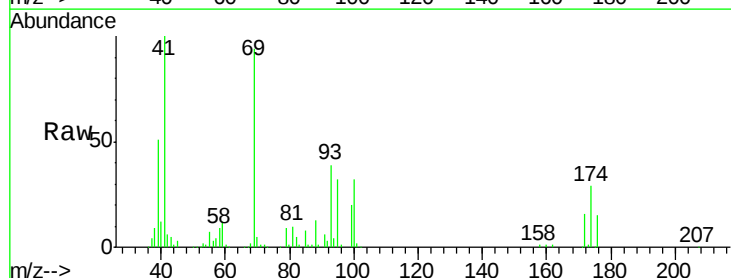
RT: 9.30 min Scan# 1241

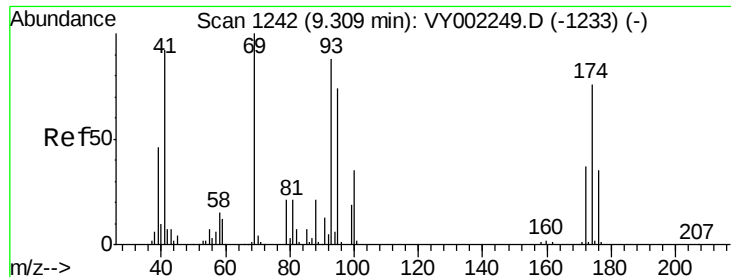
Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 70998 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 97.7  | 76.7  | 115.1 |
| 39       | 50.2  | 40.5  | 60.7  |





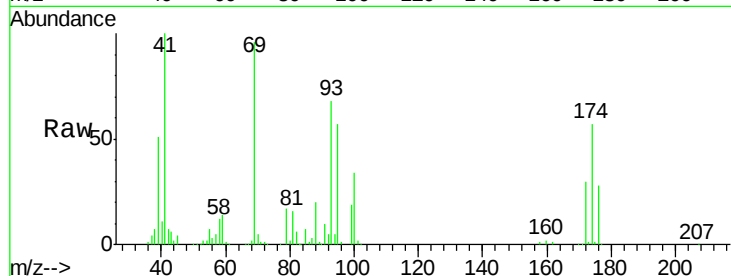
#49  
1,4-Dioxane  
Concen: 1015.997 ug/l  
RT: 9.31 min Scan# 1242  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 17955 |       |       |
| 43      | 27.0  |       | 22.2  | 33.2  |
| 58      | 65.3  |       | 57.6  | 86.4  |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM

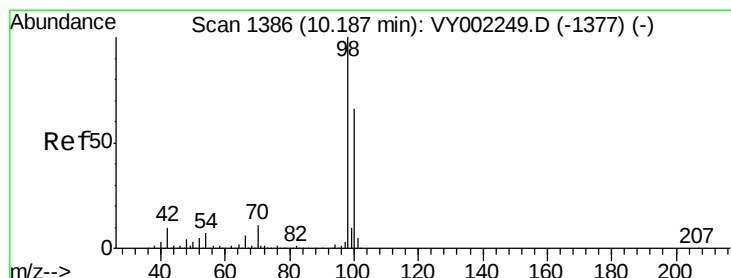
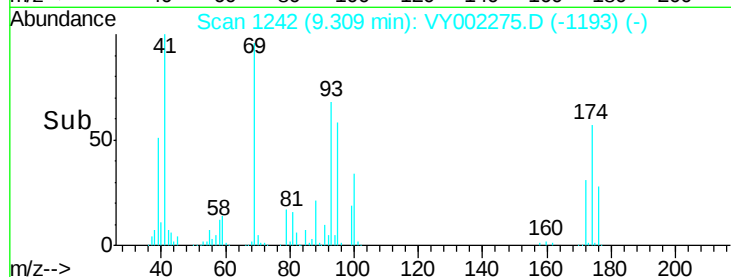
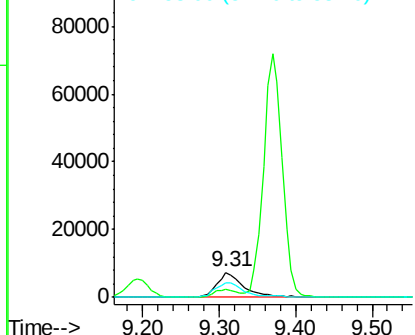


Abundance

Ion 88.00 (87.70 to 88.70): VY0

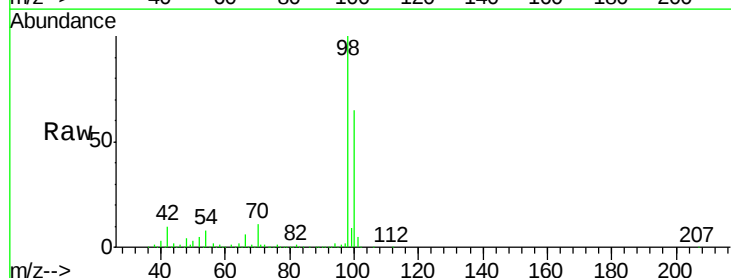
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50  
Toluene-d8  
Concen: 50.046 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

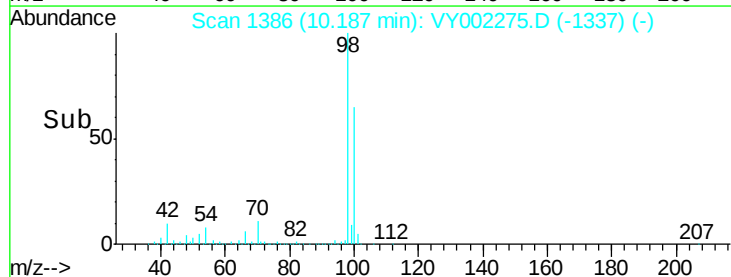
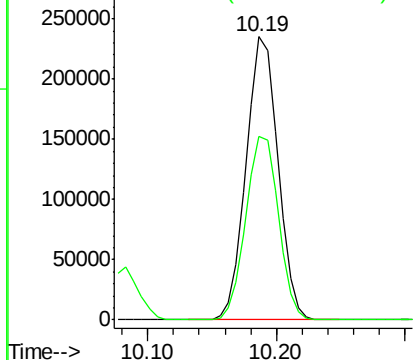
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 98      | 100   | 401655 |       |       |
| 100     | 66.6  |        | 52.6  | 78.8  |

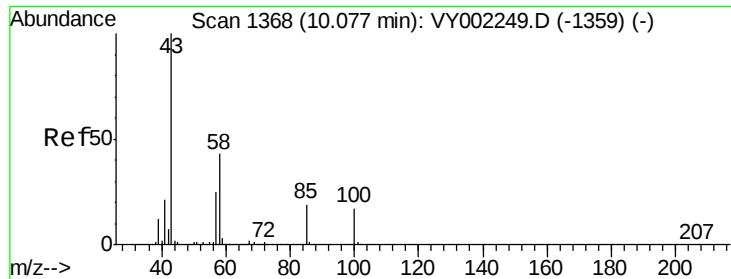


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





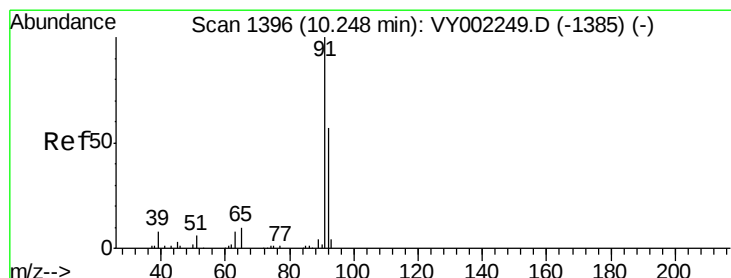
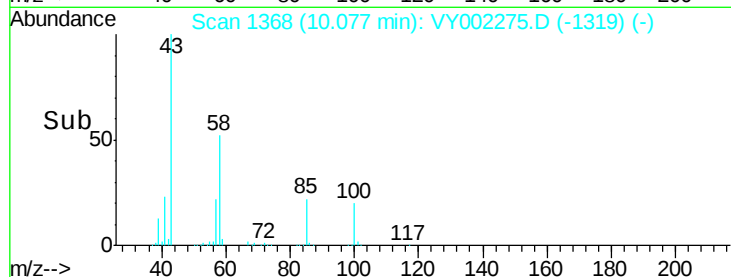
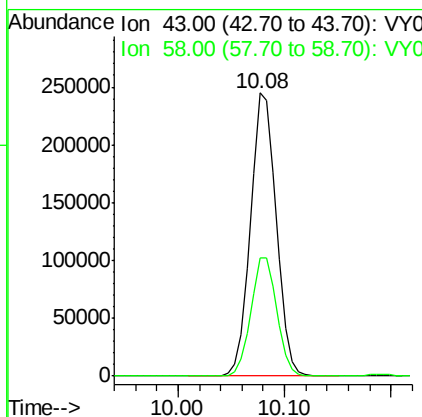
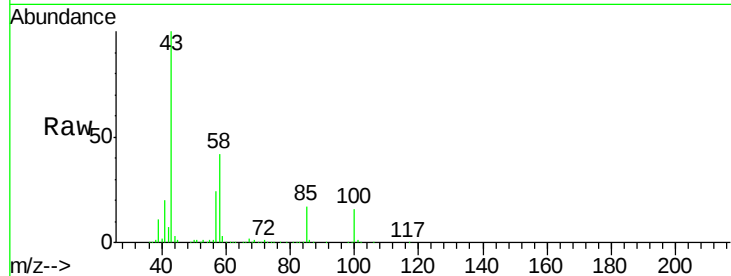
#51  
4-Methyl-2-Pentanone  
Concen: 241.762 ug/l  
RT: 10.08 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 416612  
Ion Ratio Lower Upper  
43 100  
58 42.2 33.8 50.8

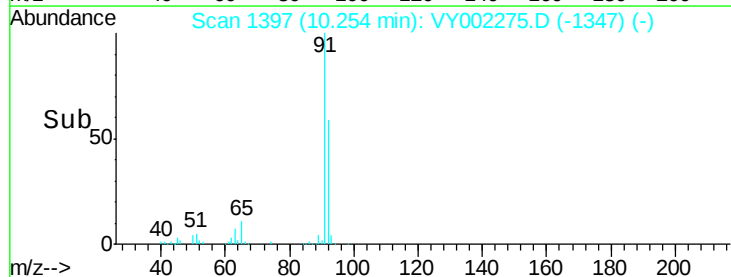
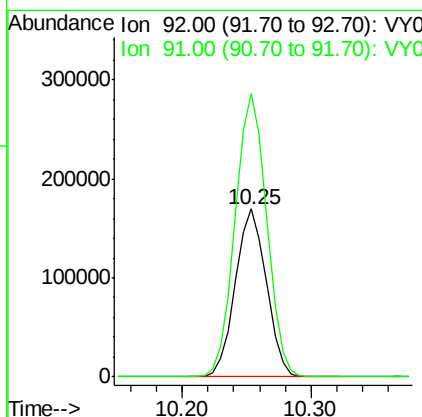
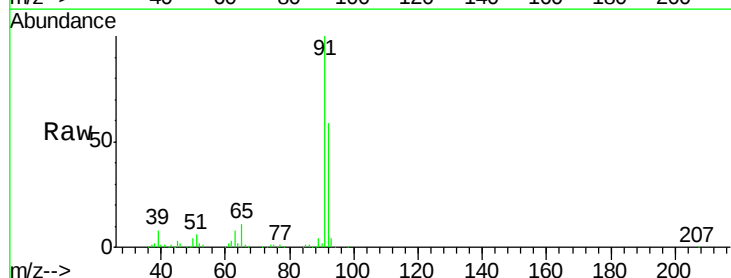
Manual Integrations  
APPROVED

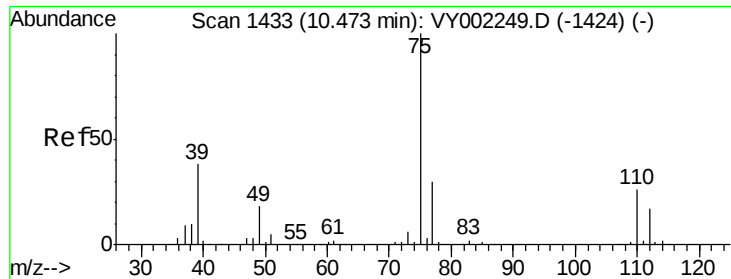
MMDadoda  
4/14/2020 10:01:45 AM



#52  
Toluene  
Concen: 48.829 ug/l  
RT: 10.25 min Scan# 1397  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Tgt Ion: 92 Resp: 283388  
Ion Ratio Lower Upper  
92 100  
91 170.8 139.0 208.6





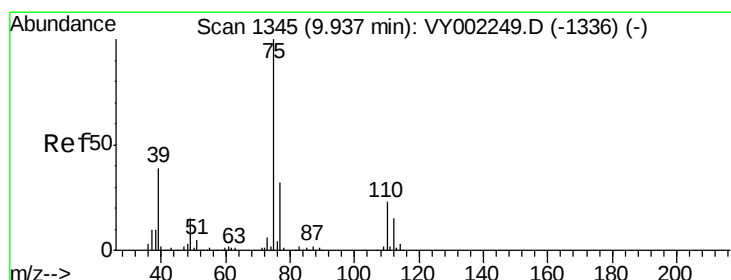
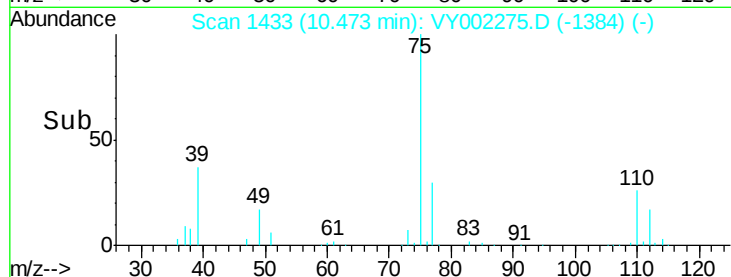
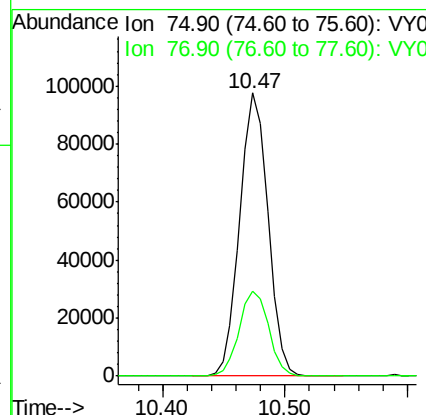
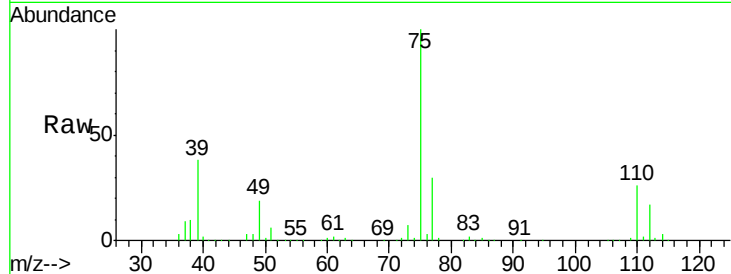
#53  
 t-1,3-Dichloropropene  
 Concen: 50.031 ug/l  
 RT: 10.47 min Scan# 1433  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 156260 |       |       |
| 77      | 29.9  | 24.2   | 36.2  |       |

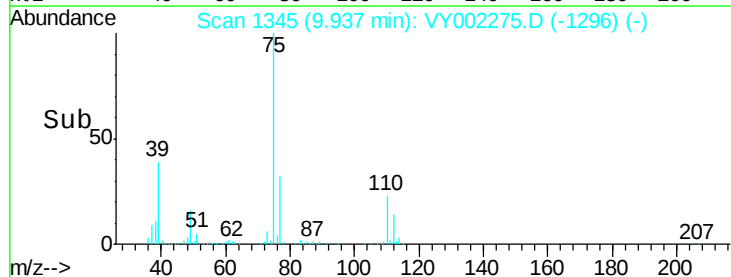
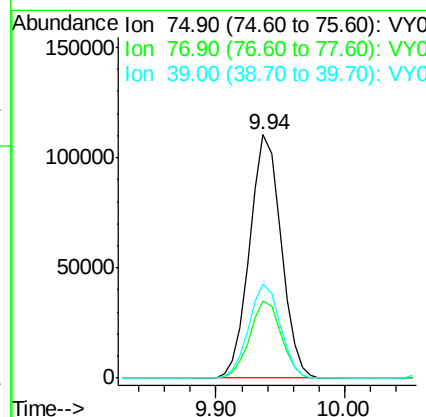
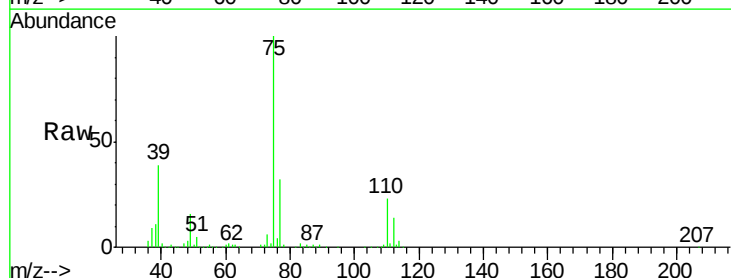
Manual Integrations  
 APPROVED

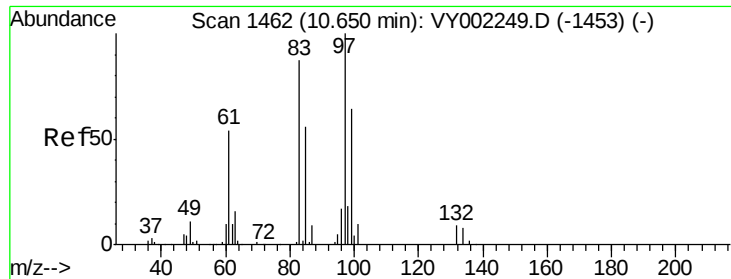
MMDadoda  
 4/14/2020 10:01:45 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.647 ug/l  
 RT: 9.94 min Scan# 1345  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 186421 |       |       |
| 77      | 31.9  | 25.8   | 38.8  |       |
| 39      | 38.7  | 30.8   | 46.2  |       |





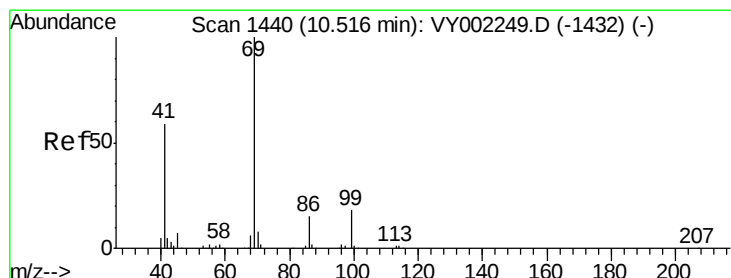
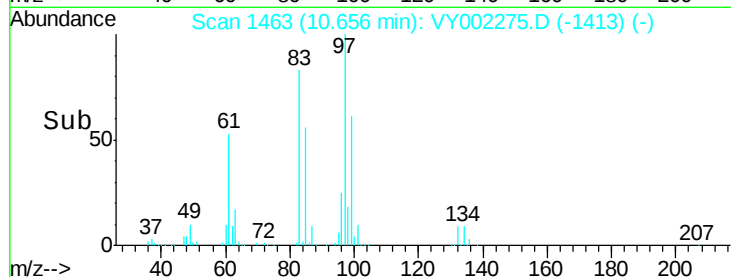
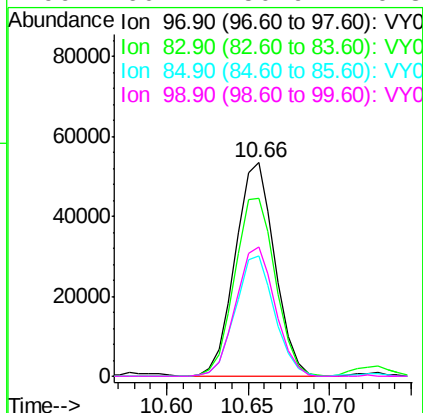
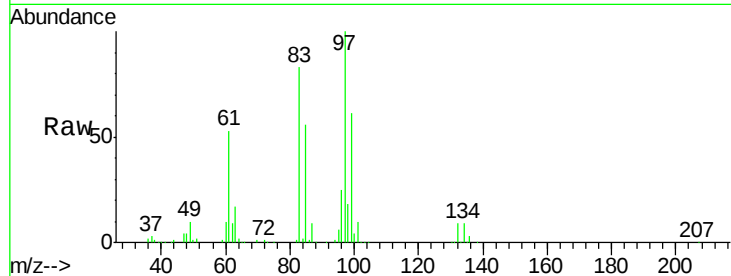
#55  
 1,1,2-Trichloroethane  
 Concen: 48.977 ug/l  
 RT: 10.66 min Scan# 1463  
 Delta R.T. 0.01 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 89581 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.5  | 69.5  | 104.3 |
| 85       | 56.4  | 45.2  | 67.8  |
| 99       | 60.7  | 50.9  | 76.3  |

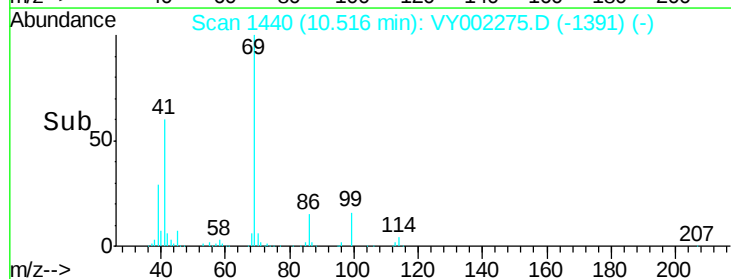
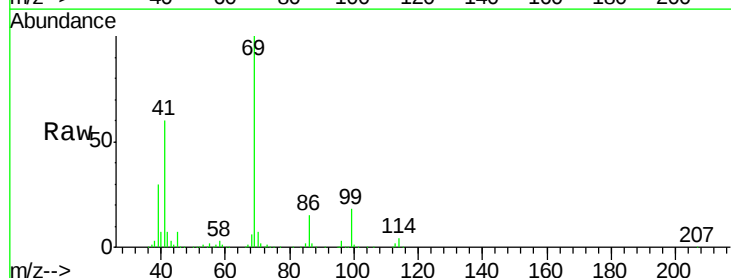
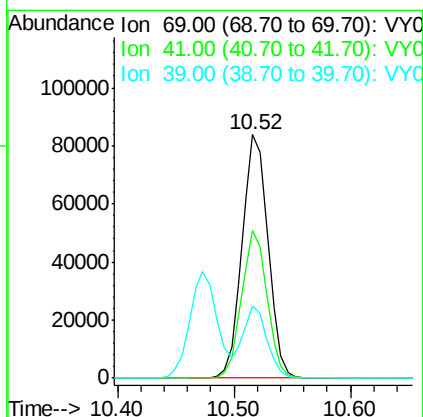
Manual Integrations  
 APPROVED

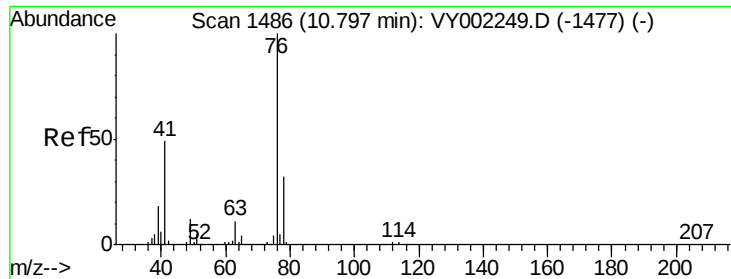
MMDadoda  
 4/14/2020 10:01:45 AM



#56  
 Ethyl methacrylate  
 Concen: 50.182 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 131000 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 58.7  | 47.9  | 71.9   |
| 39       | 27.5  | 23.8  | 35.6   |





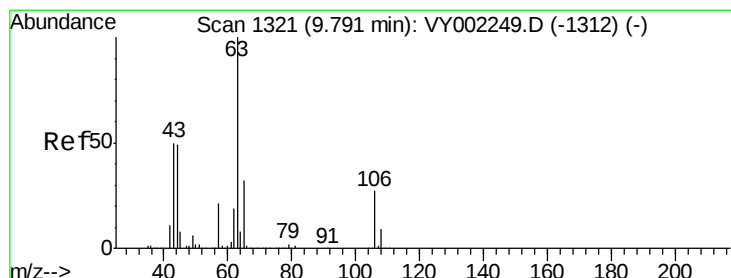
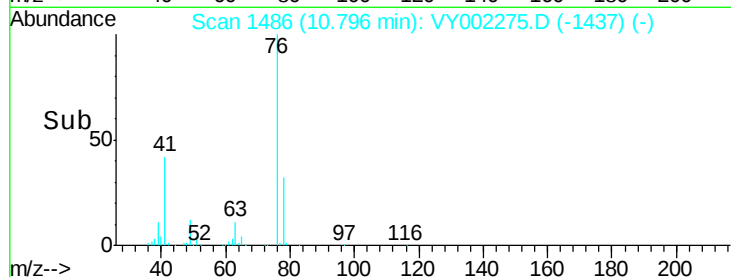
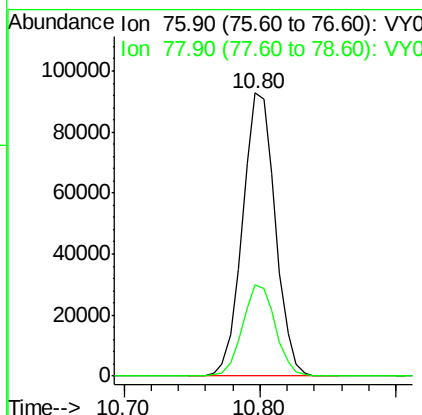
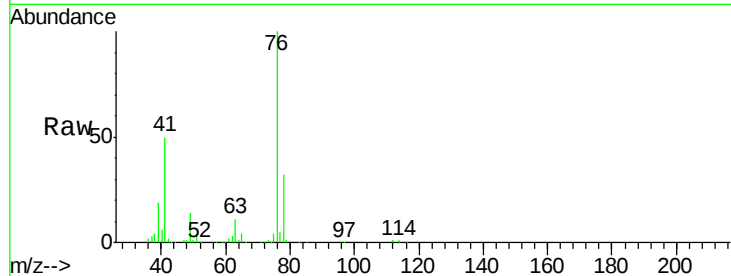
#57  
 1,3-Dichloropropane  
 Concen: 48.537 ug/l  
 RT: 10.80 min Scan# 1486  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 156042  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.8 38.6

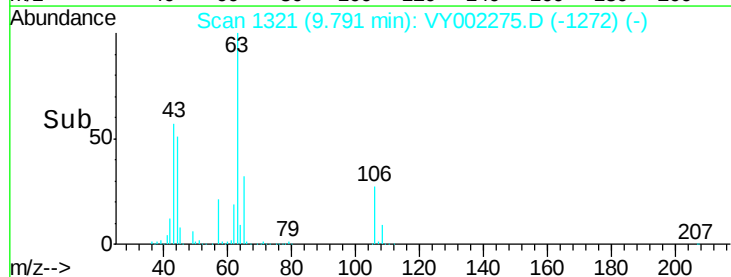
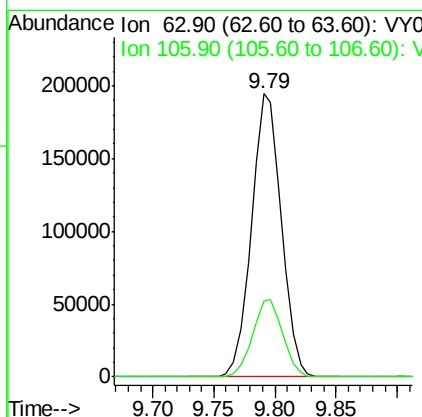
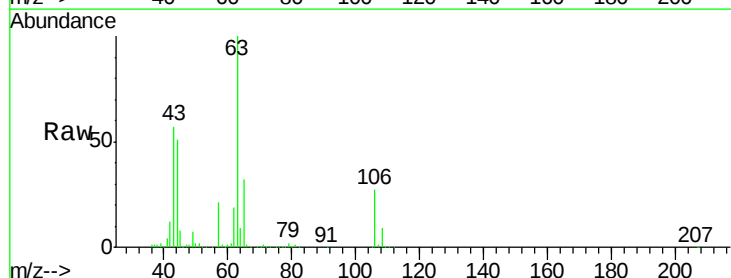
Manual Integrations  
 APPROVED

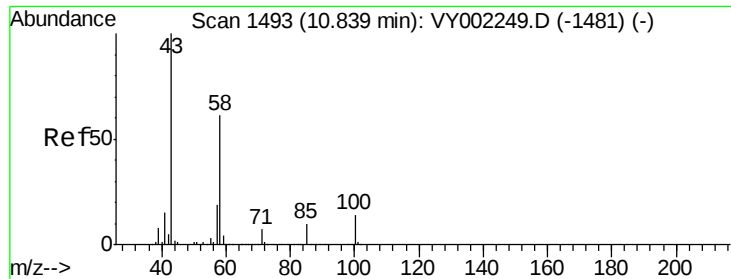
MMDadoda  
 4/14/2020 10:01:45 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 244.380 ug/l  
 RT: 9.79 min Scan# 1321  
 Delta R.T. -0.00 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Tgt Ion: 63 Resp: 330365  
 Ion Ratio Lower Upper  
 63 100  
 106 27.7 22.2 33.2





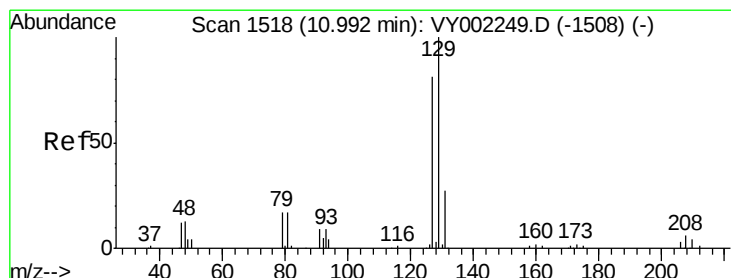
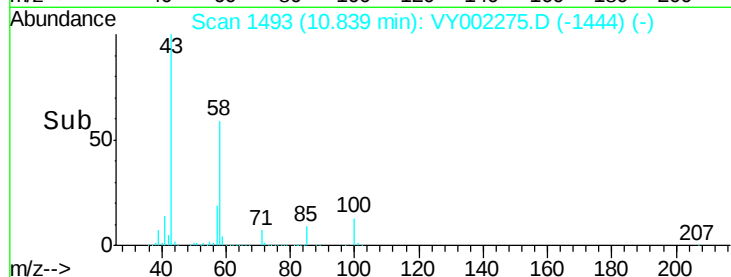
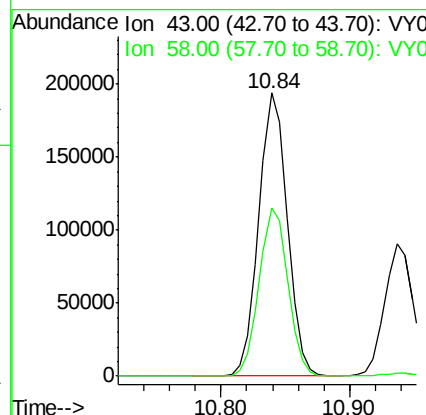
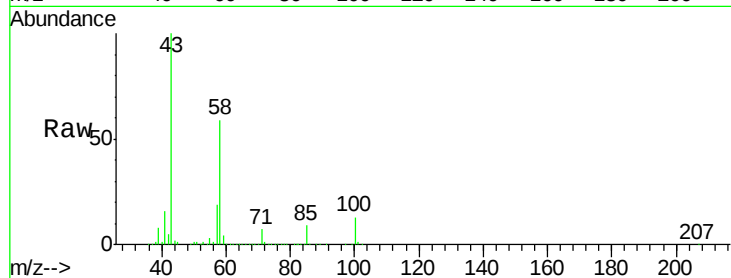
#59  
2-Hexanone  
Concen: 247.690 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43   | Resp  | 296230 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 59.9 | 29.8  | 89.3   |

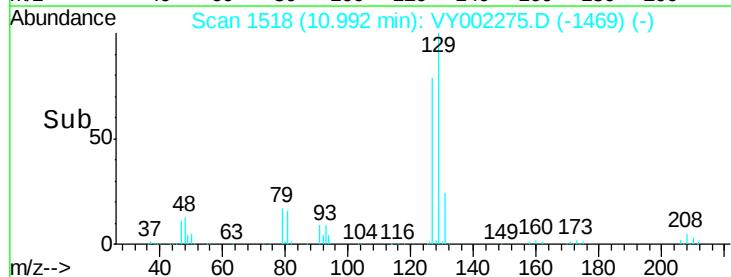
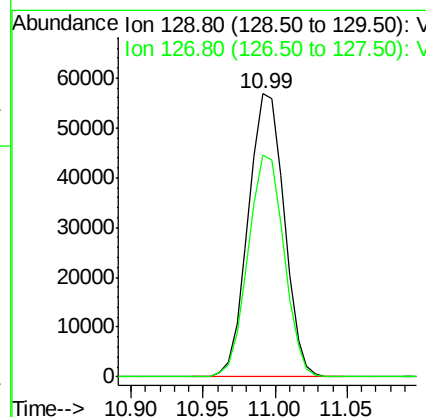
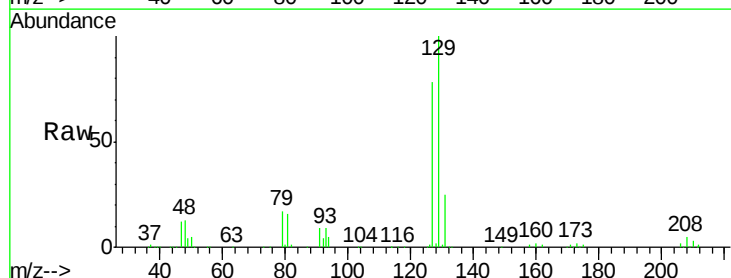
Manual Integrations  
APPROVED

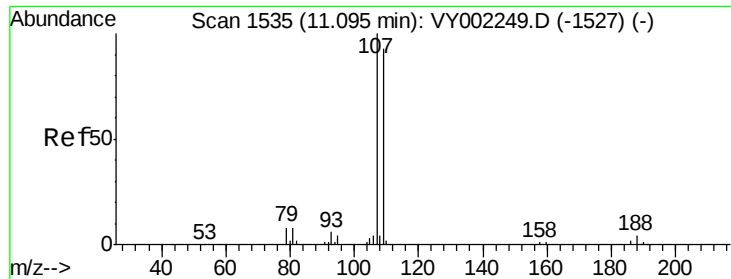
MMDadoda  
4/14/2020 10:01:45 AM



#60  
Dibromochloromethane  
Concen: 50.380 ug/l  
RT: 10.99 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion   | 129  | Resp  | 98257 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 129       | 100  |       |       |
| 127       | 78.1 | 39.0  | 117.0 |





#61

1,2-Dibromoethane

Concen: 48.793 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 84963

Ion Ratio Lower Upper

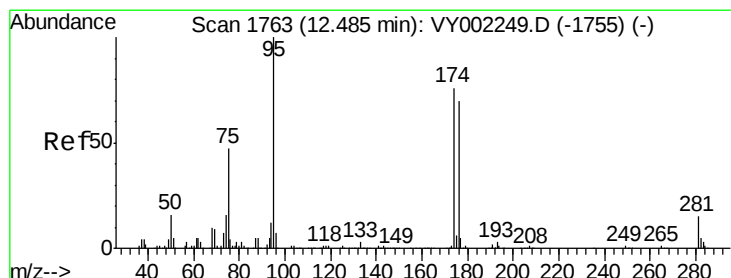
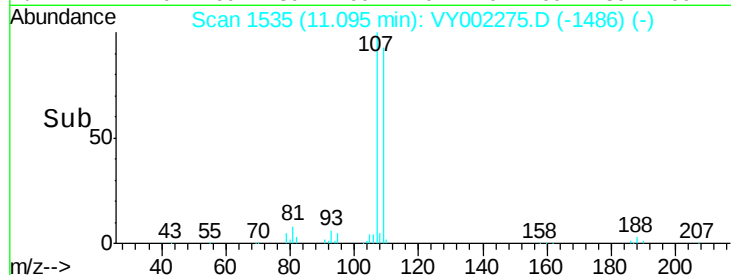
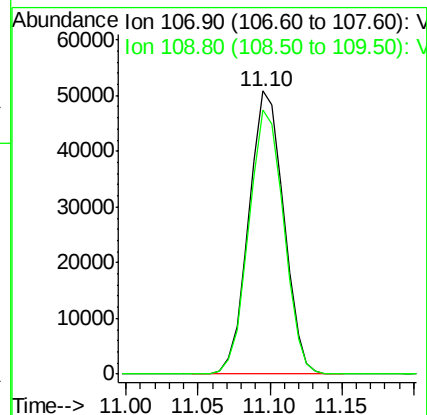
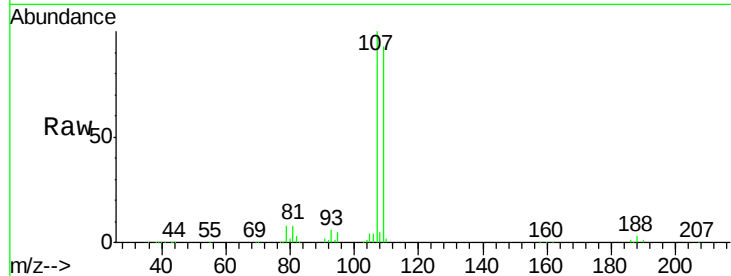
107 100

109 93.7 75.6 113.4

Manual Integrations  
APPROVED

MMDadoda

4/14/2020 10:01:45 AM



#62

4-Bromofluorobenzene

Concen: 51.864 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

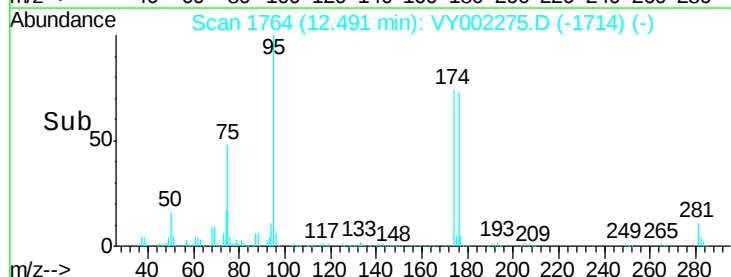
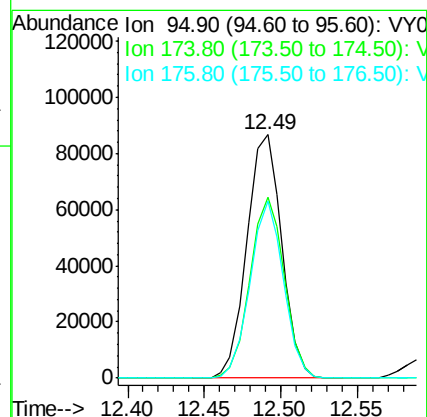
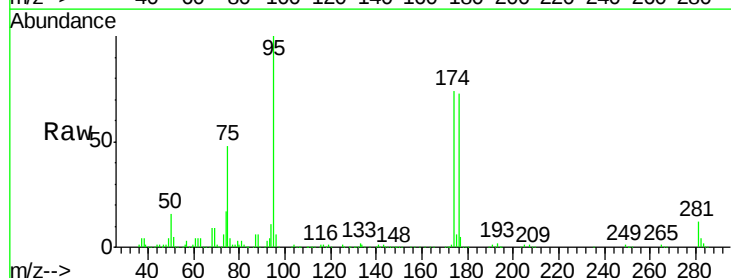
Tgt Ion: 95 Resp: 137326

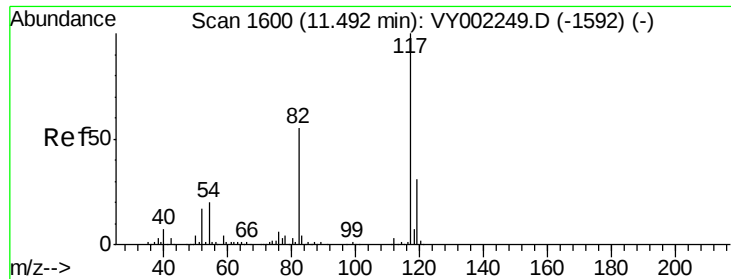
Ion Ratio Lower Upper

95 100

174 73.1 0.0 150.6

176 69.4 0.0 141.4





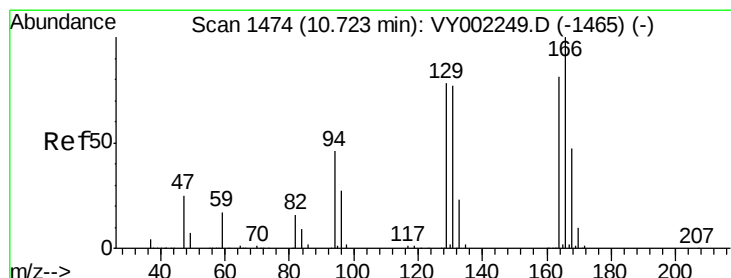
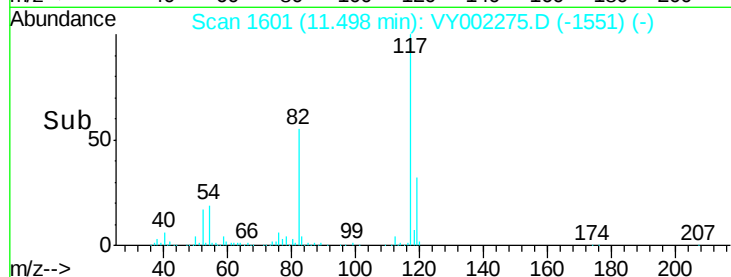
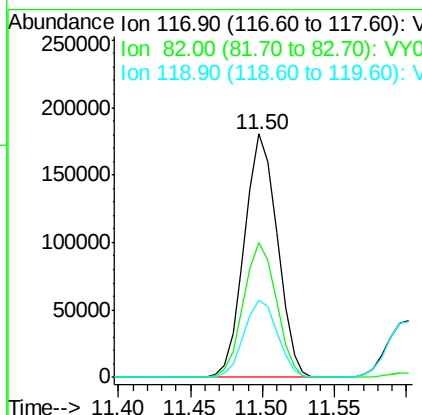
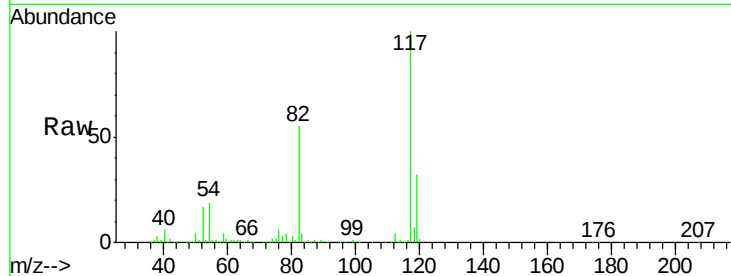
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 286843 |       |       |
| 82      | 55.4  |        | 44.2  | 66.4  |
| 119     | 31.7  |        | 25.1  | 37.7  |

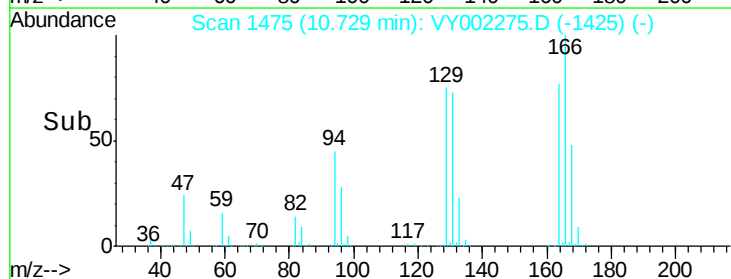
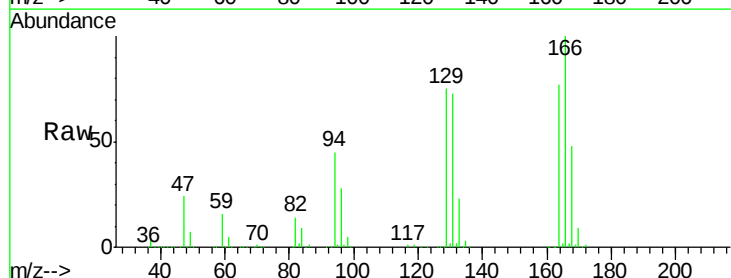
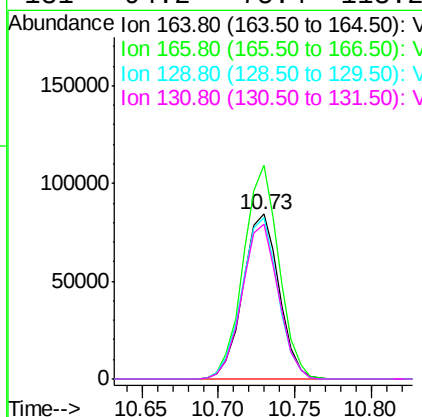
Manual Integrations  
APPROVED

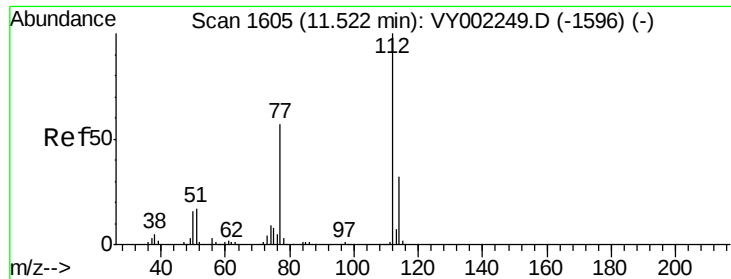
MMDadoda  
4/14/2020 10:01:45 AM



#64  
Tetrachloroethene  
Concen: 47.694 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 138314 |       |       |
| 166     | 129.5 |        | 98.4  | 147.6 |
| 129     | 97.6  |        | 76.6  | 115.0 |
| 131     | 94.2  |        | 75.4  | 113.2 |





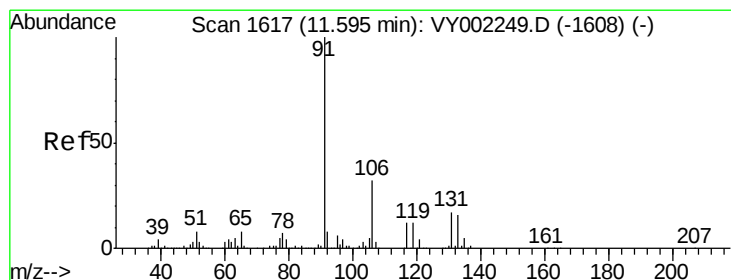
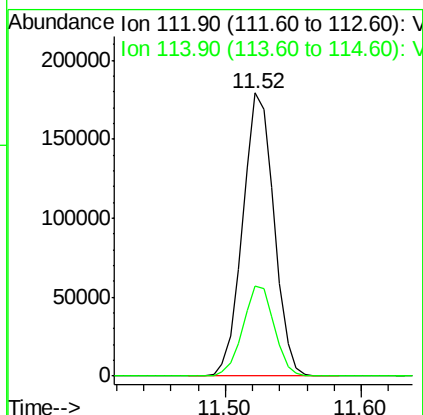
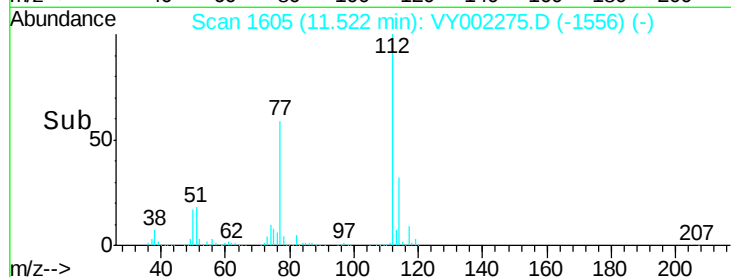
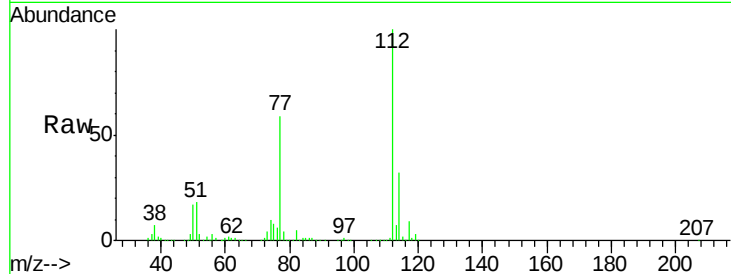
#65  
Chlorobenzene  
Concen: 48.386 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.9  | 25.6  | 38.4  |

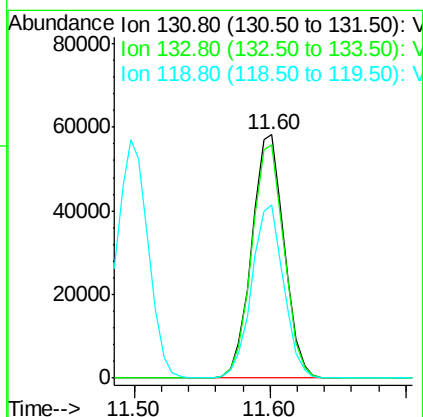
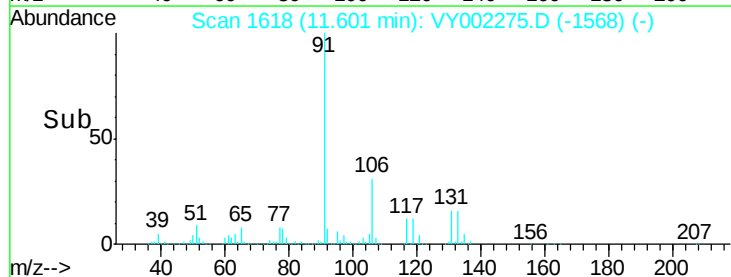
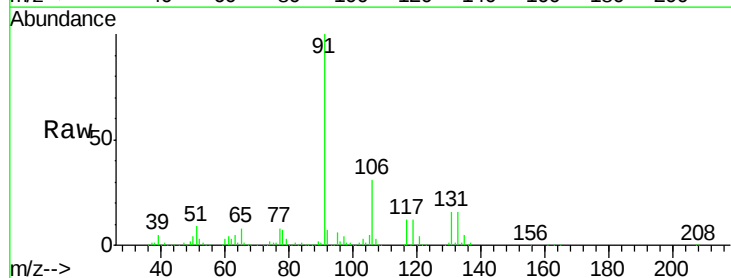
Manual Integrations  
APPROVED

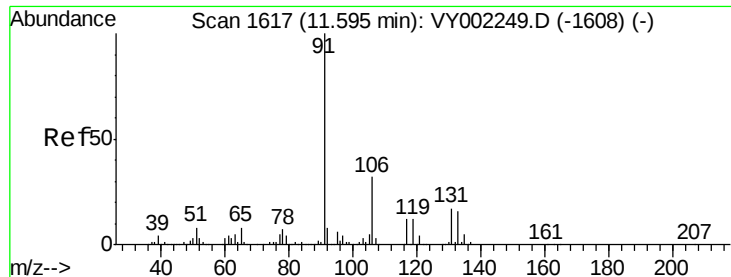
MMDadoda  
4/14/2020 10:01:45 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.559 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.9  | 46.5  | 139.3 |
| 119     | 70.1  | 34.5  | 103.6 |





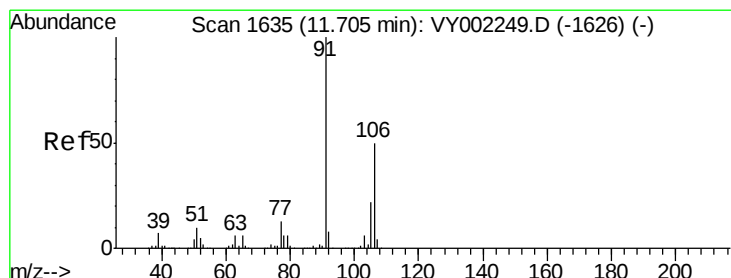
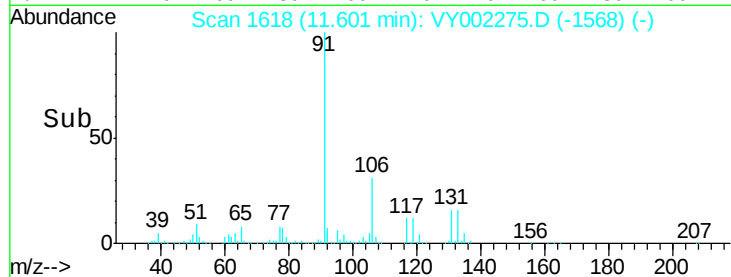
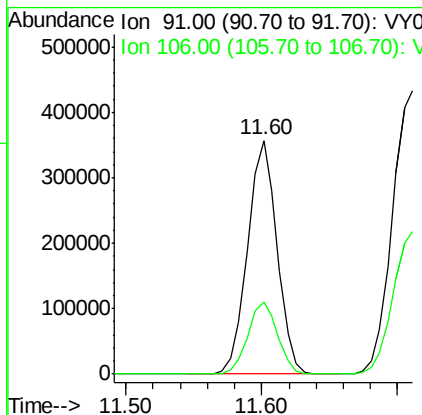
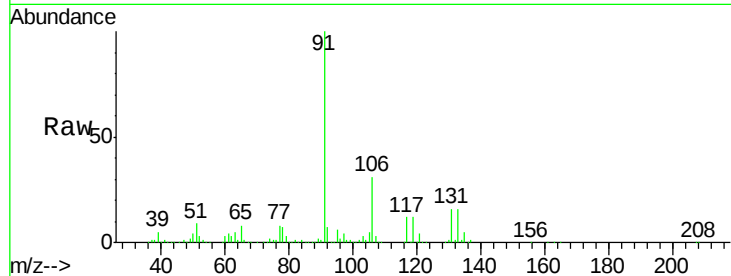
#67  
Ethyl Benzene  
Concen: 49.551 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 540885  
Ion Ratio Lower Upper  
91 100  
106 31.0 25.4 38.0

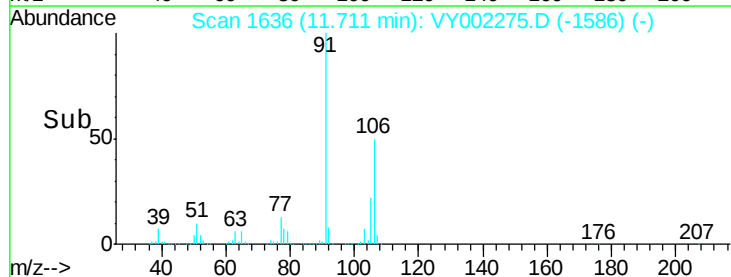
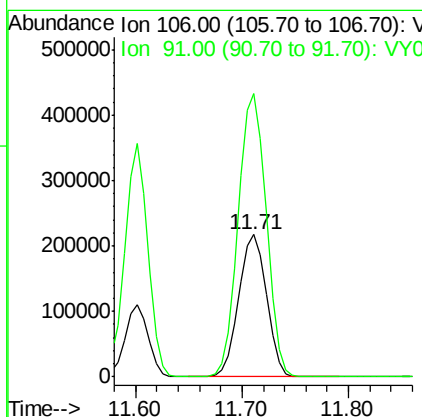
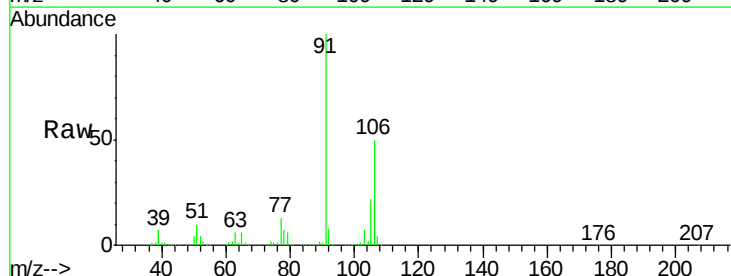
Manual Integrations  
APPROVED

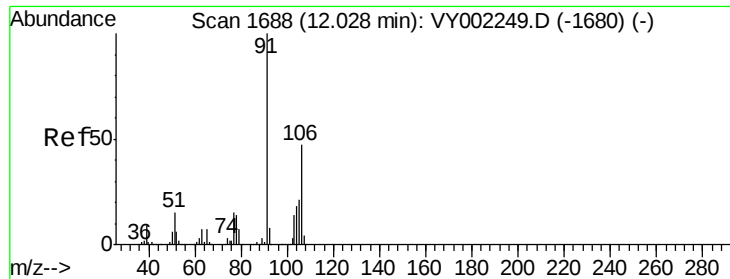
MMDadoda  
4/14/2020 10:01:45 AM



#68  
m/p-Xylenes  
Concen: 97.819 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Tgt Ion: 106 Resp: 399922  
Ion Ratio Lower Upper  
106 100  
91 200.5 159.8 239.6





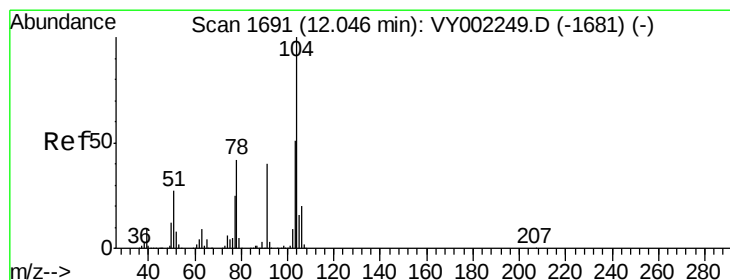
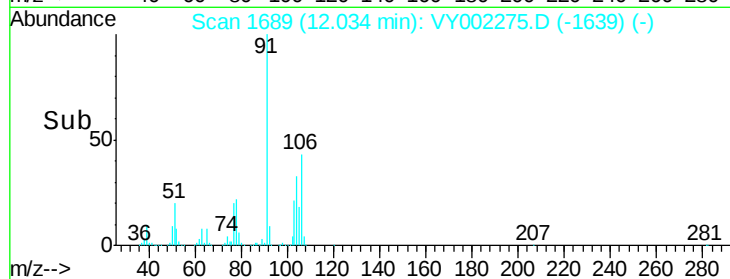
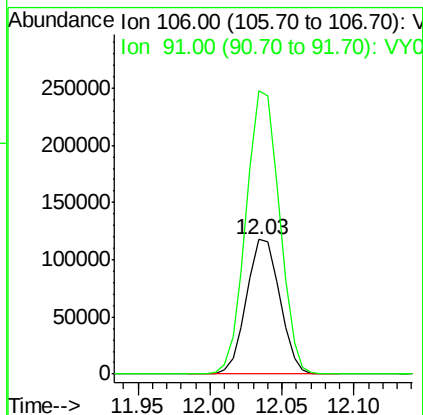
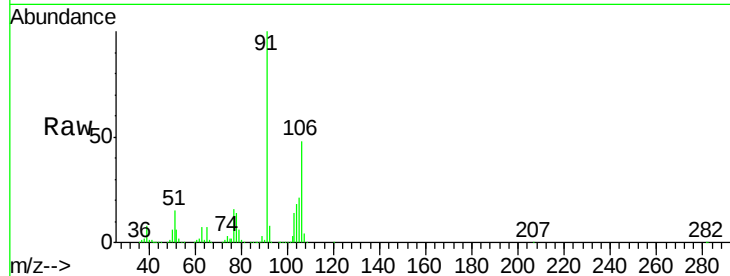
#69  
o-Xylene  
Concen: 49.482 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 189928 |       |       |
| 91      | 209.2 | 105.8 | 317.3  |       |       |

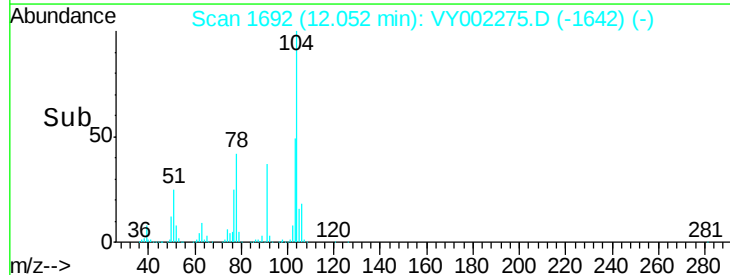
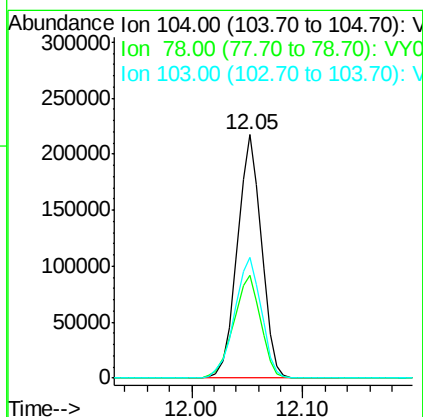
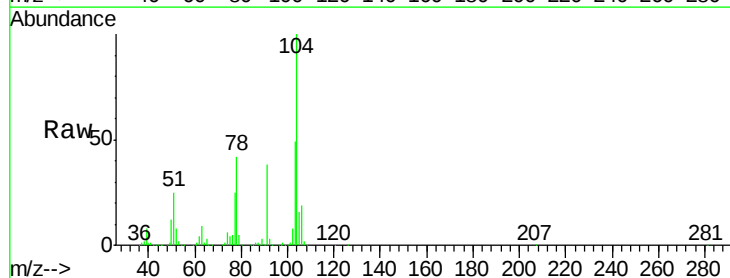
Manual Integrations  
APPROVED

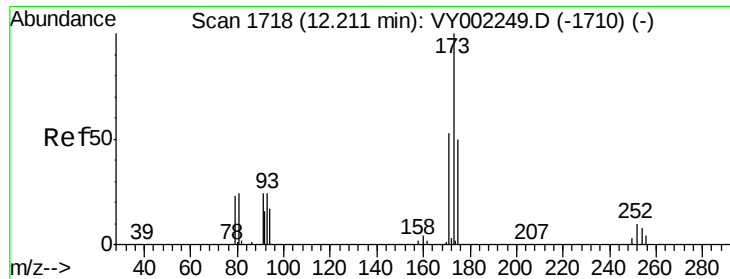
MMDadoda  
4/14/2020 10:01:45 AM



#70  
Styrene  
Concen: 48.925 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 325808 |       |       |
| 78      | 47.3 | 37.2  | 55.8   |       |       |
| 103     | 54.7 | 43.4  | 65.0   |       |       |





#71

Bromoform

Concen: 52.066 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 55740

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.3

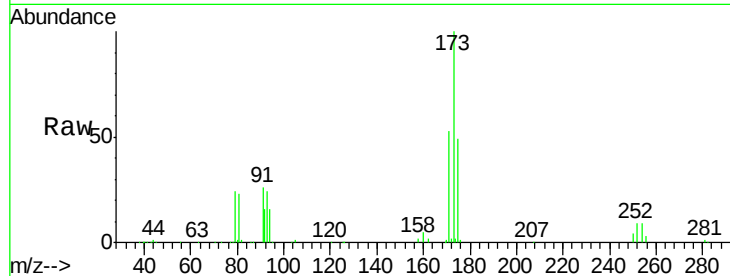
254 0.0 0.0 0.0

Manual Integrations

APPROVED

MMDadoda

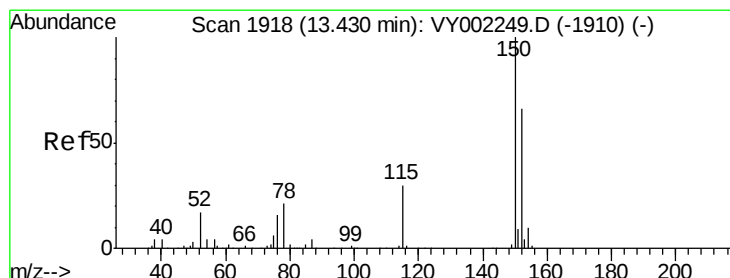
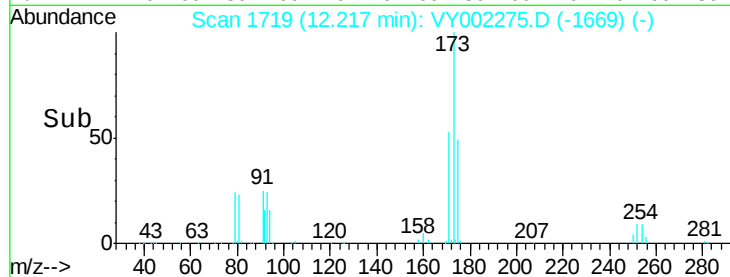
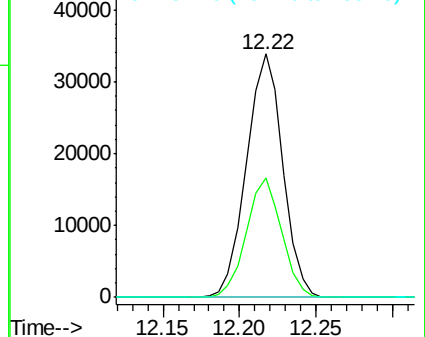
4/14/2020 10:01:45 AM



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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

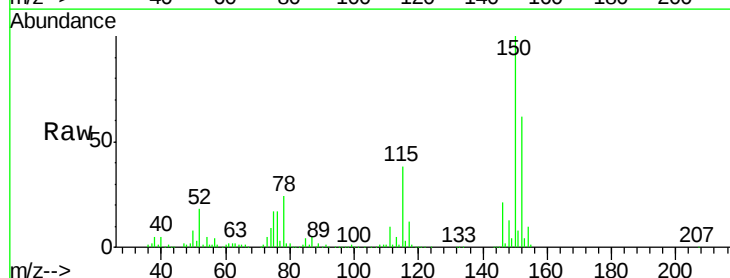
Tgt Ion:152 Resp: 127780

Ion Ratio Lower Upper

152 100

115 61.2 30.7 92.1

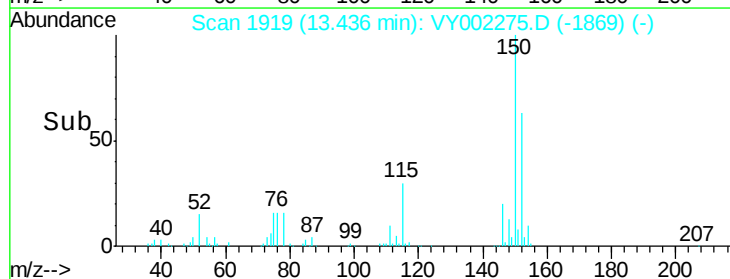
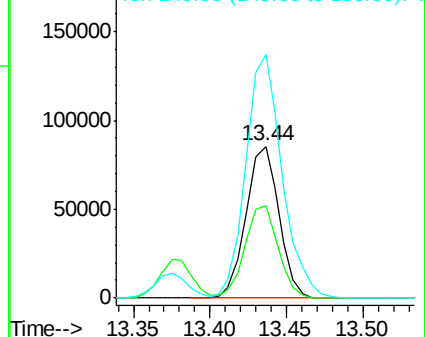
150 176.8 0.0 350.6

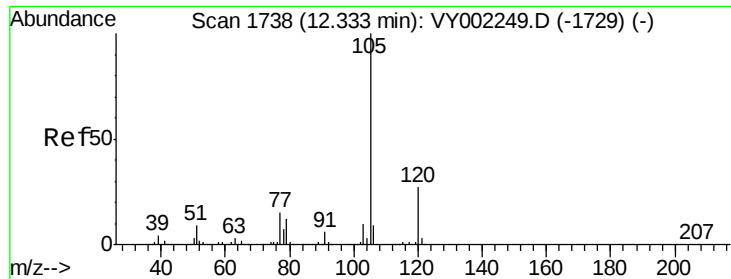


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





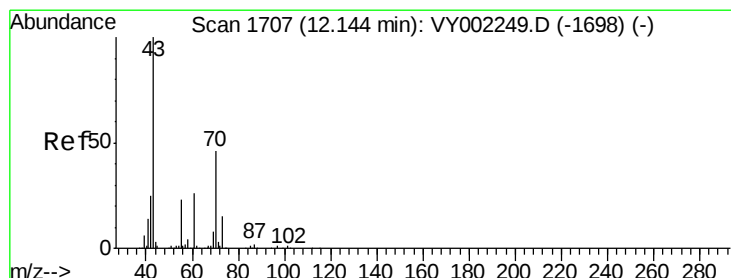
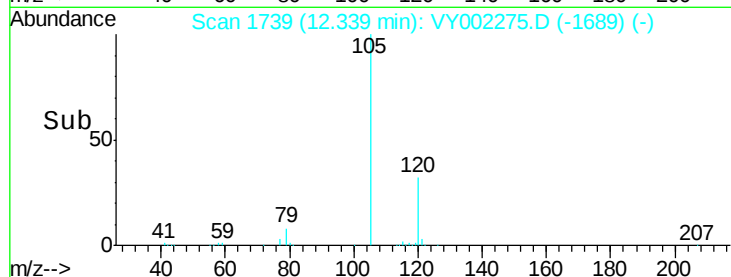
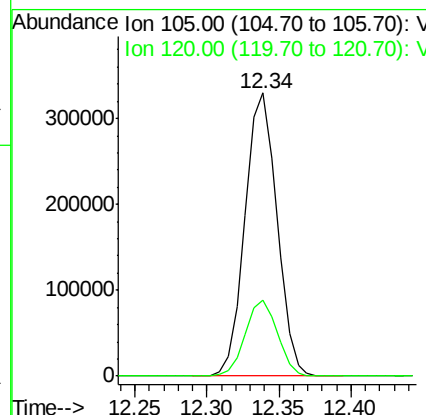
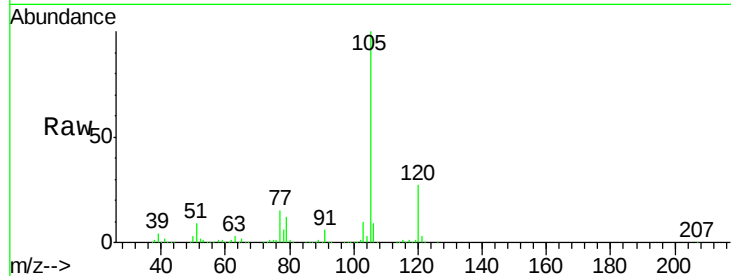
#73  
Isopropylbenzene  
Concen: 50.404 ug/l  
RT: 12.34 min Scan# 1739  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 505985 |       |       |
| 120     | 27.0  | 13.3   | 39.8  |       |

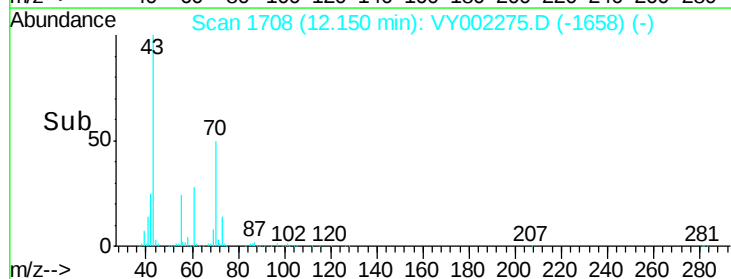
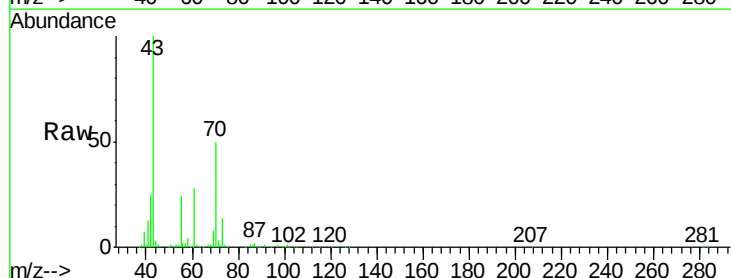
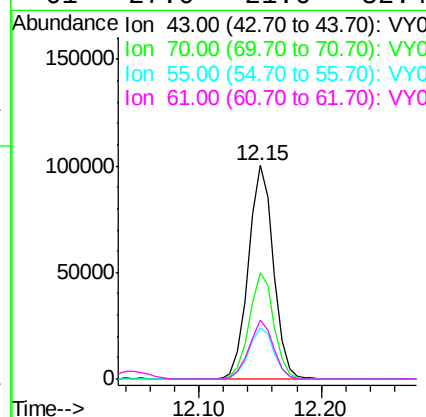
Manual Integrations  
APPROVED

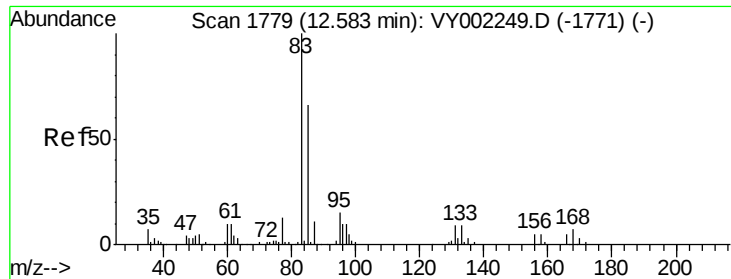
MMDadoda  
4/14/2020 10:01:45 AM



#74  
N-ethyl acetate  
Concen: 49.869 ug/l  
RT: 12.15 min Scan# 1708  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 142106 |       |       |
| 70      | 49.0  | 37.5   | 56.3  |       |
| 55      | 24.1  | 19.0   | 28.6  |       |
| 61      | 27.0  | 21.6   | 32.4  |       |





#75

1,1,2,2-Tetrachloroethane

Concen: 58.702 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

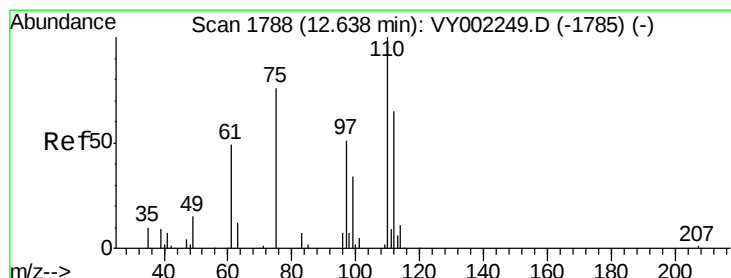
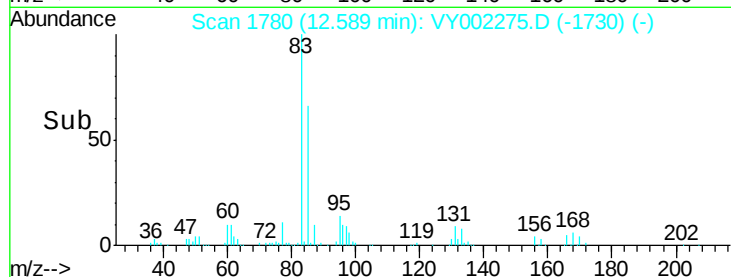
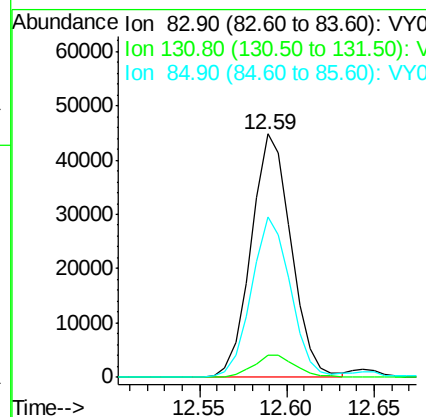
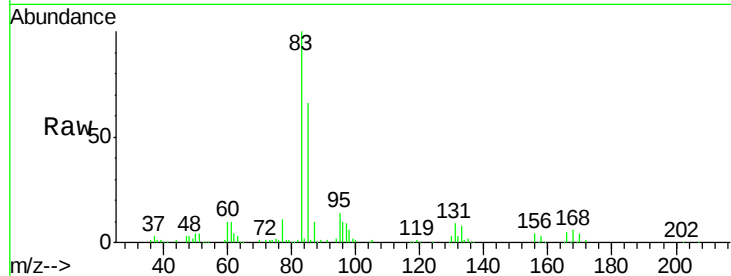
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 71295 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.8   | 4.9   | 14.7  |
| 85        | 63.9  | 32.6  | 97.8  |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM



#76

1,2,3-Trichloropropane

Concen: 44.792 ug/l m

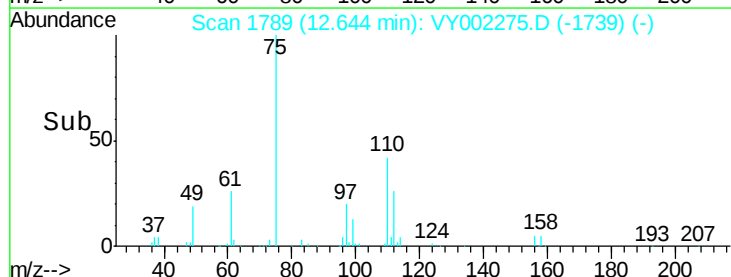
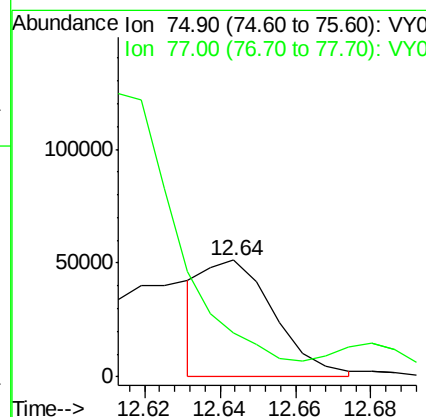
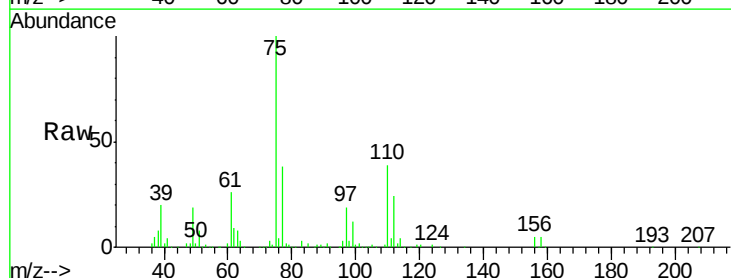
RT: 12.64 min Scan# 1789

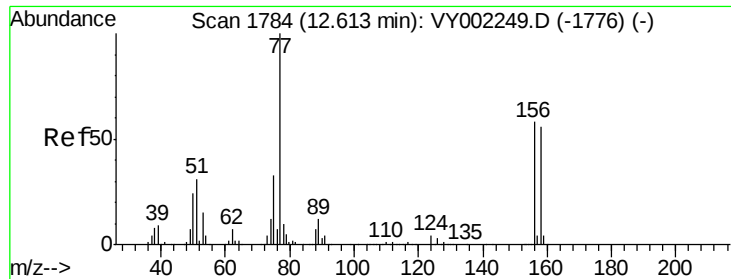
Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 66462 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 49.765 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

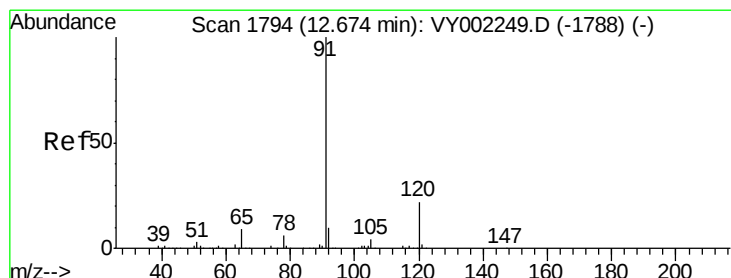
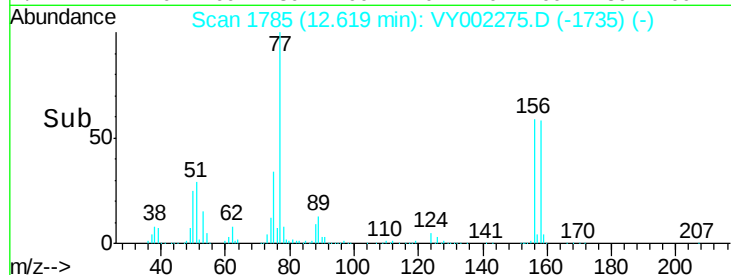
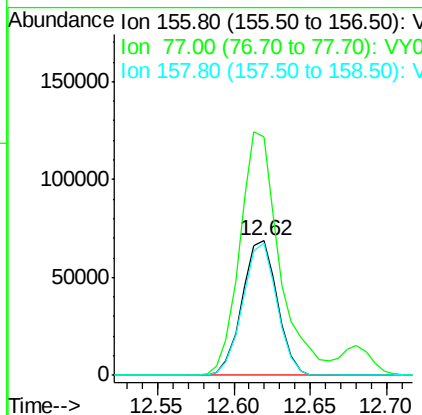
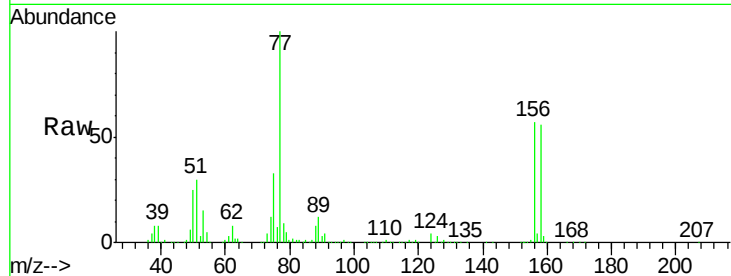
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 109910 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 204.7 | 101.3 | 303.9  |
| 158       | 96.0  | 48.3  | 144.8  |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM



#78

n-propylbenzene

Concen: 49.426 ug/l

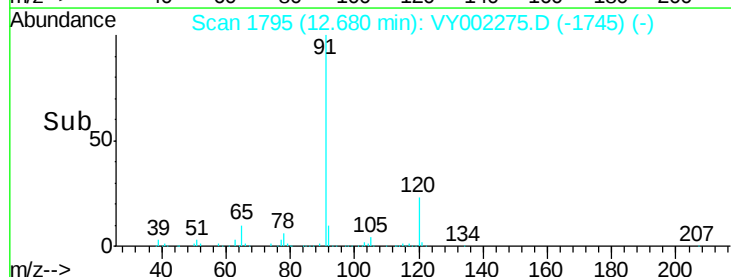
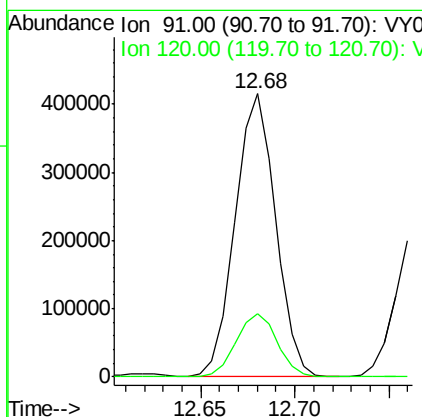
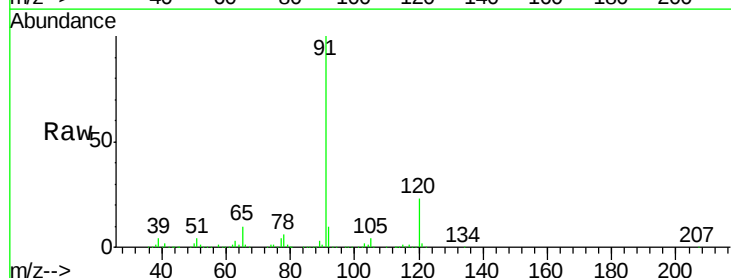
RT: 12.68 min Scan# 1795

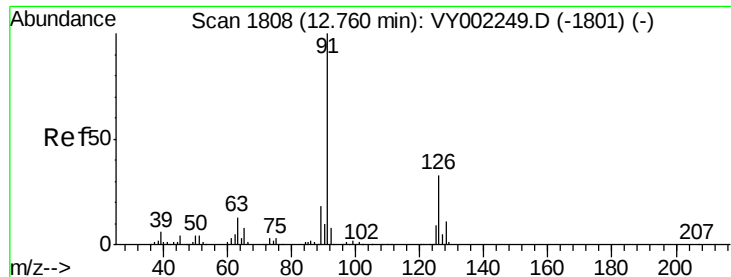
Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 617077 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.7  | 11.2  | 33.5   |





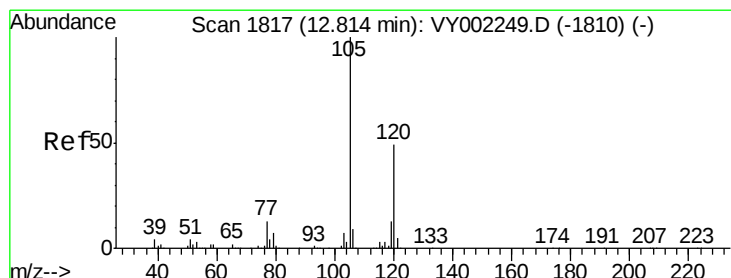
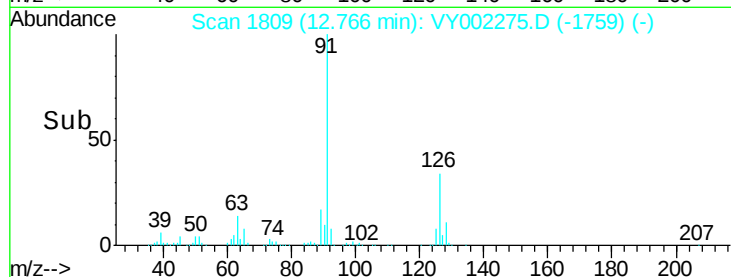
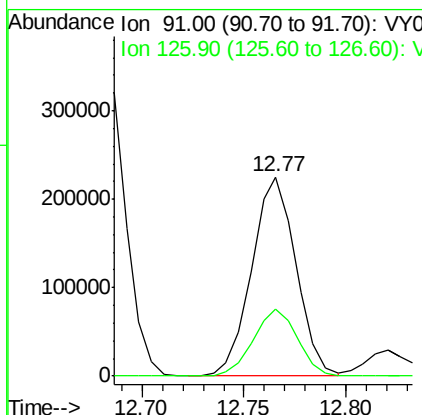
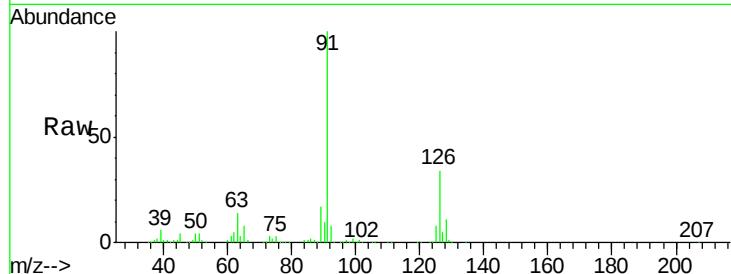
#79  
2-Chlorotoluene  
Concen: 50.032 ug/l  
RT: 12.77 min Scan# 1809  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 339461  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.9 50.7

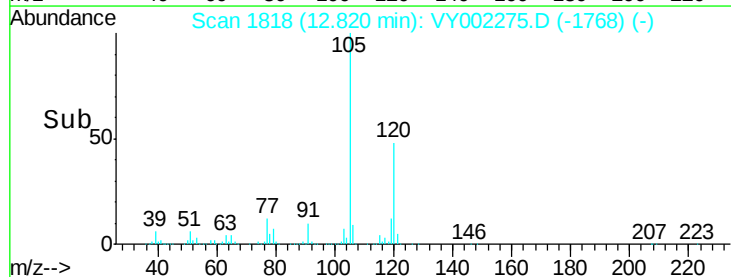
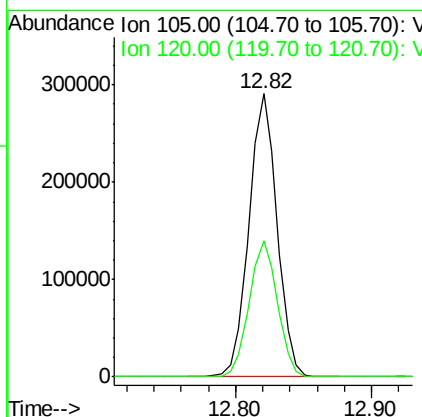
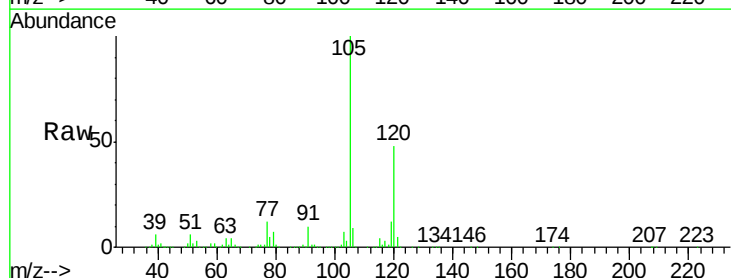
Manual Integrations  
APPROVED

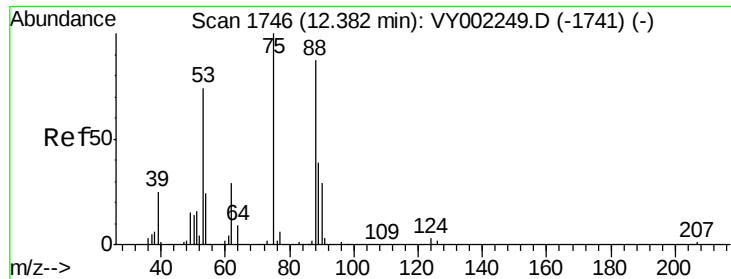
MMDadoda  
4/14/2020 10:01:45 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 50.505 ug/l  
RT: 12.82 min Scan# 1818  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Tgt Ion: 105 Resp: 419298  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.959 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

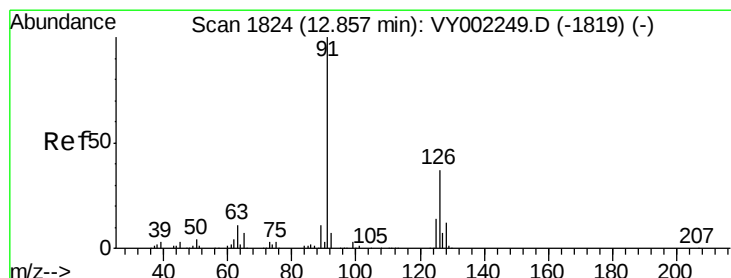
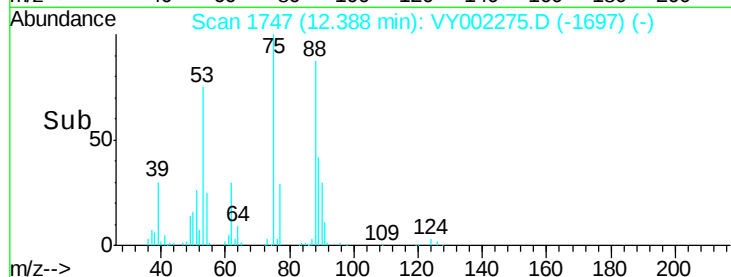
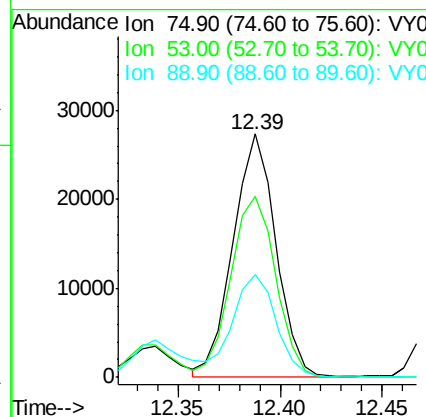
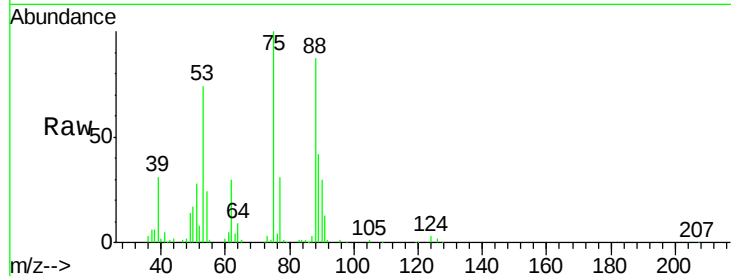
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 39639 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 78.5  | 59.8  | 89.8  |
| 89       | 42.9  | 37.0  | 55.6  |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM



#82

4-Chlorotoluene

Concen: 50.080 ug/l

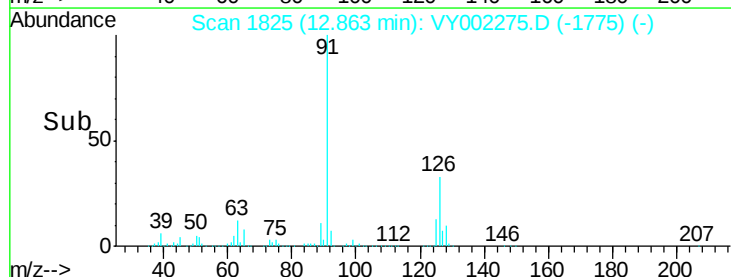
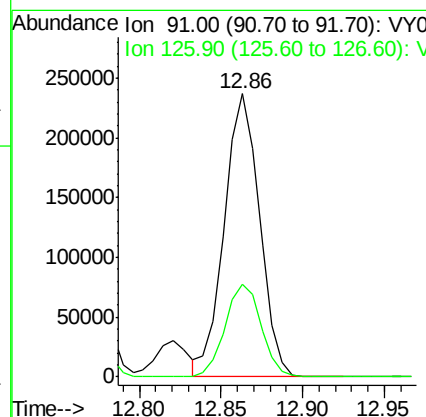
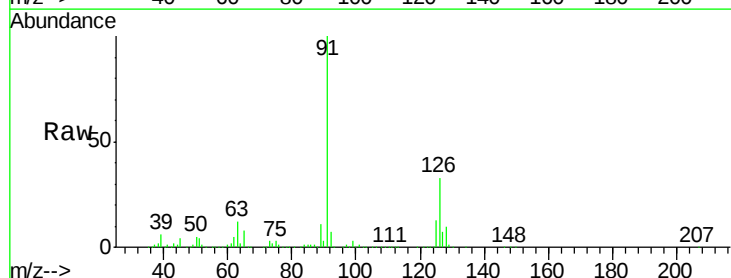
RT: 12.86 min Scan# 1825

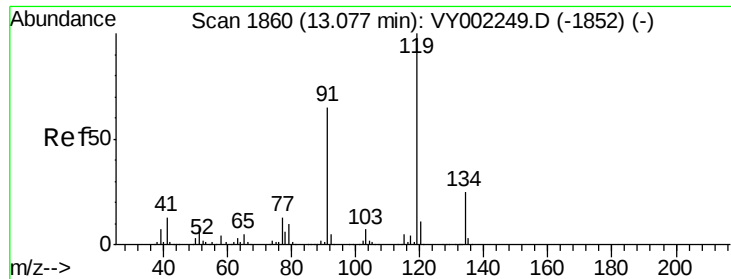
Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 356133 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 33.5  | 16.9  | 50.7   |





#83

tert-Butylbenzene

Concen: 50.552 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

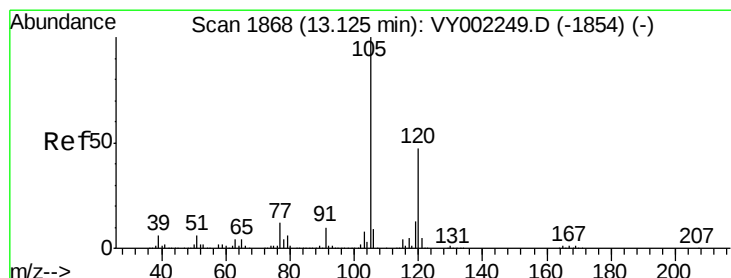
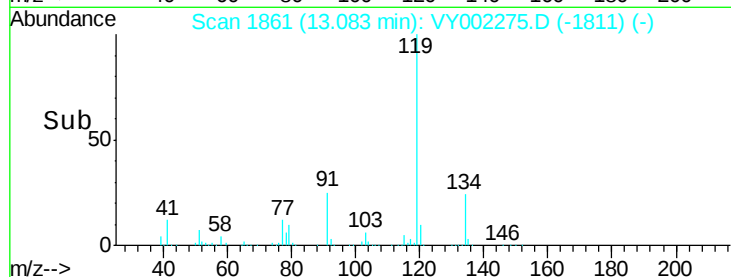
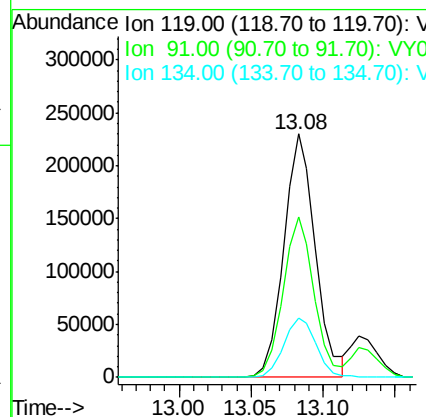
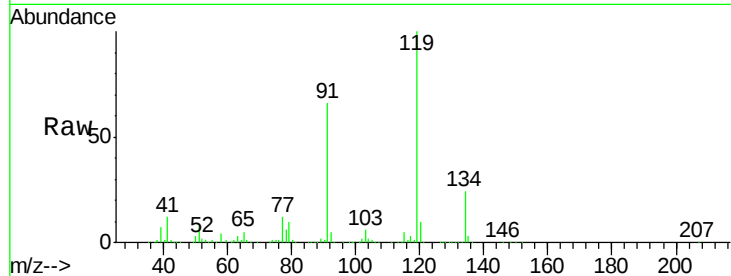
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 351543 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 65.2  | 32.4  | 97.0   |
| 134       | 25.5  | 12.6  | 37.6   |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM



#84

1,2,4-Trimethylbenzene

Concen: 50.144 ug/l

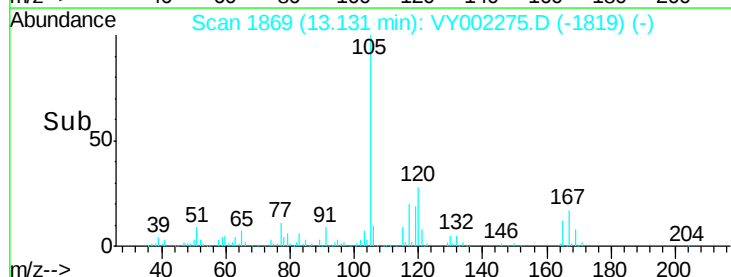
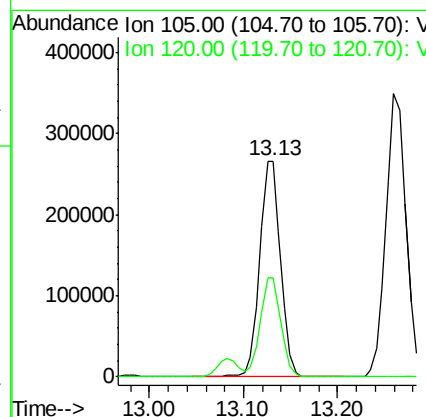
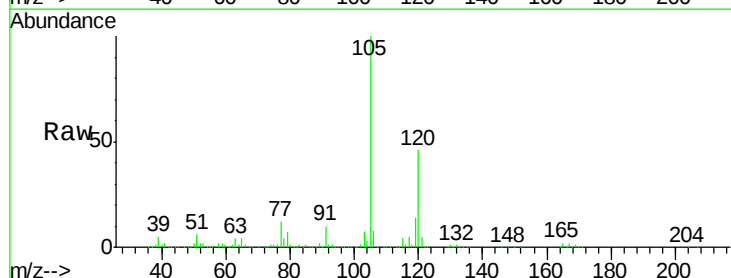
RT: 13.13 min Scan# 1869

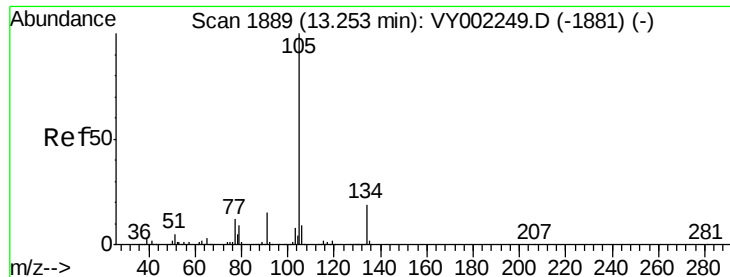
Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 415710 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.5  | 23.1  | 69.2   |





#85

sec-Butylbenzene

Concen: 49.916 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 517098

Ion Ratio Lower Upper

105 100

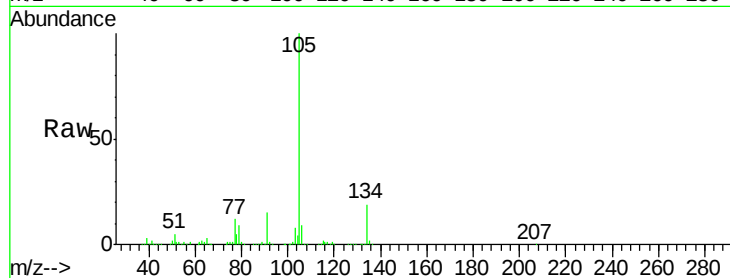
134 19.5 9.8 29.3

Manual Integrations

APPROVED

MMDadoda

4/14/2020 10:01:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

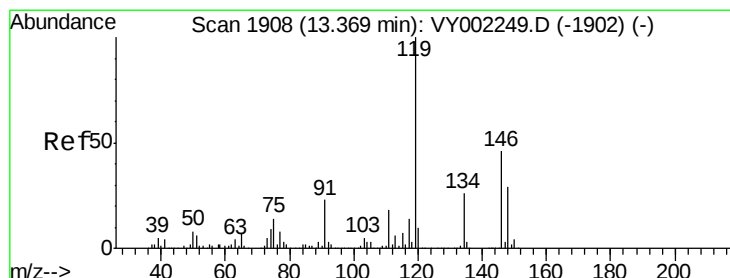
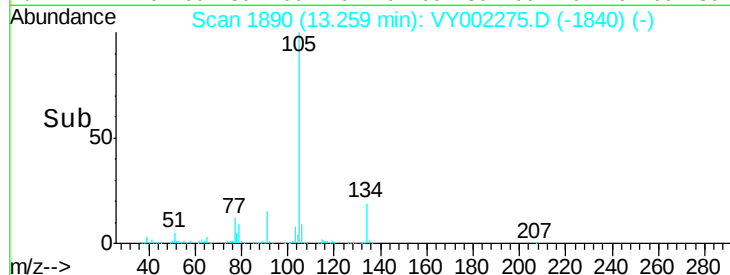
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.582 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002275.D

Acq: 13 Apr 2020 13:02

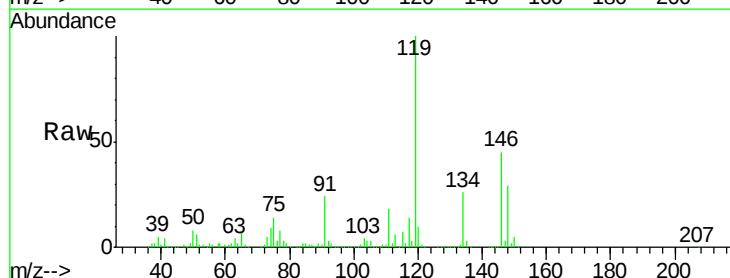
Tgt Ion:119 Resp: 450988

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 23.3 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

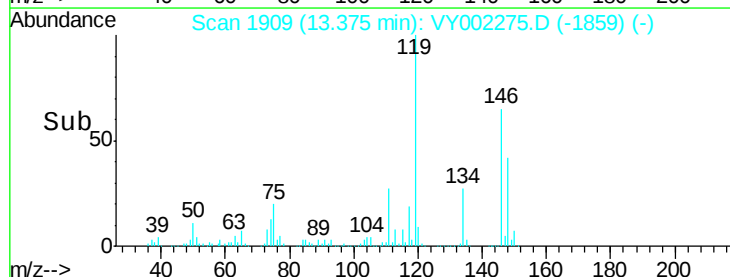
300000

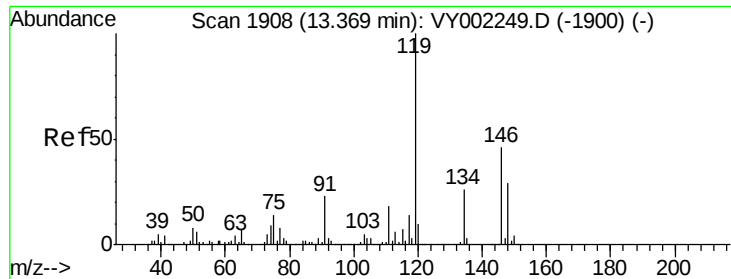
200000

100000

0

Time-->





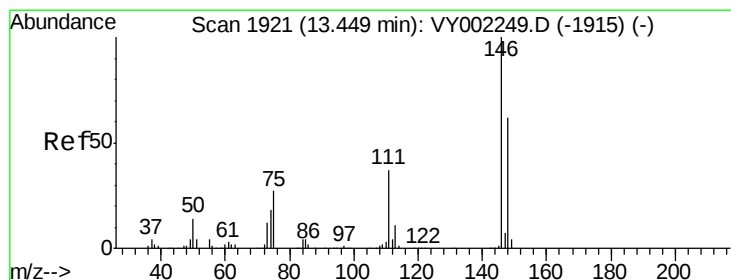
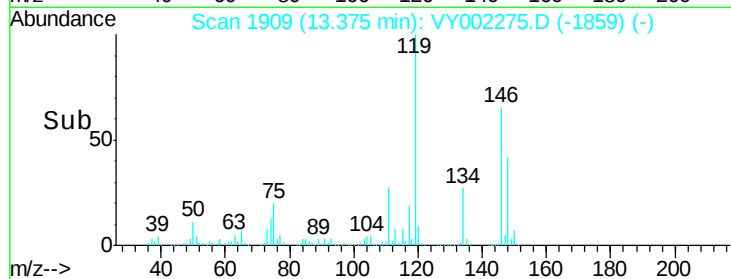
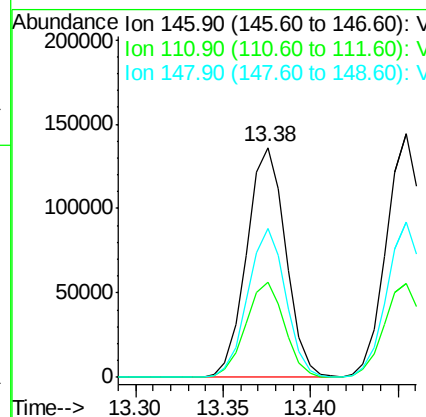
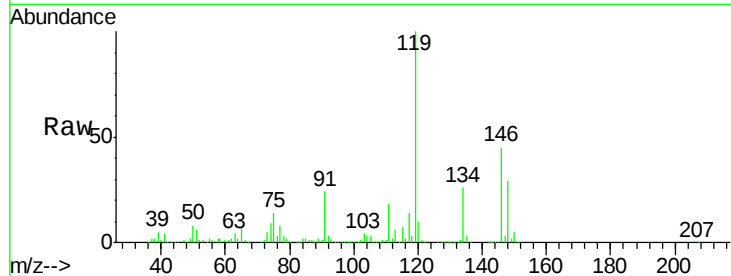
#87  
 1,3-Dichlorobenzene  
 Concen: 49.429 ug/l  
 RT: 13.38 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 211570 |       |       |
| 111     | 40.9  | 20.3   | 60.8  |       |
| 148     | 63.5  | 32.1   | 96.3  |       |

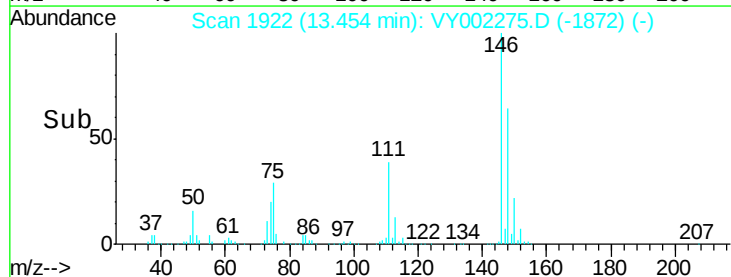
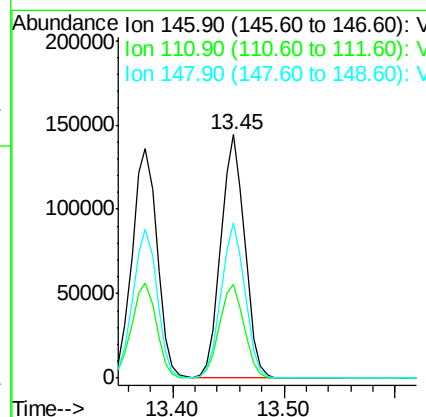
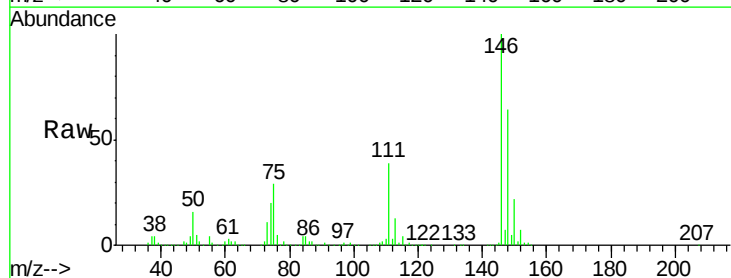
Manual Integrations  
 APPROVED

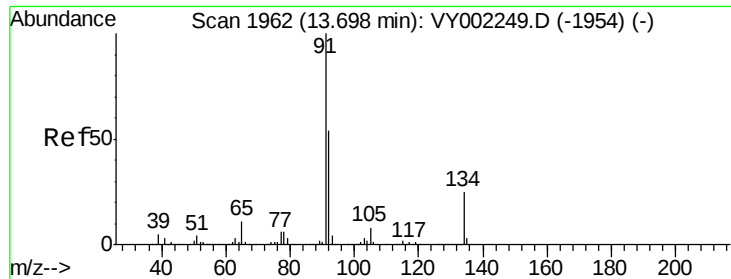
MMDadoda  
 4/14/2020 10:01:45 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.449 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. 0.01 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 214848 |       |       |
| 111     | 39.6  | 19.6   | 58.8  |       |
| 148     | 63.6  | 32.0   | 96.0  |       |





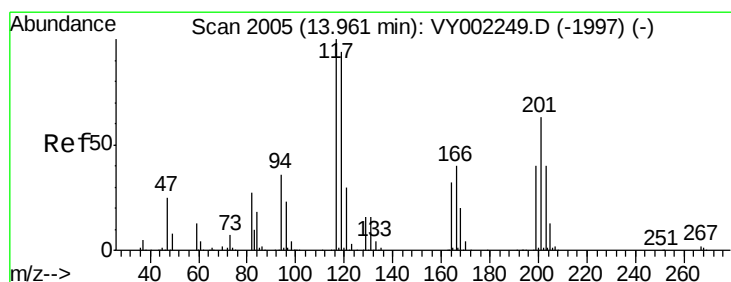
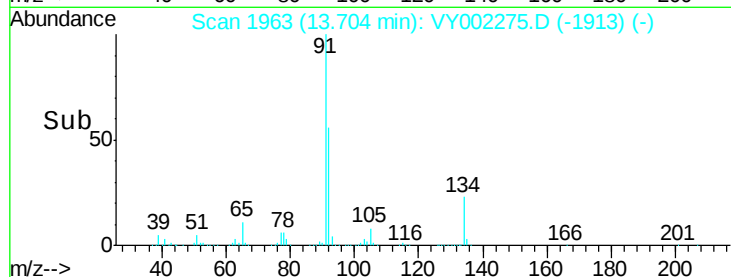
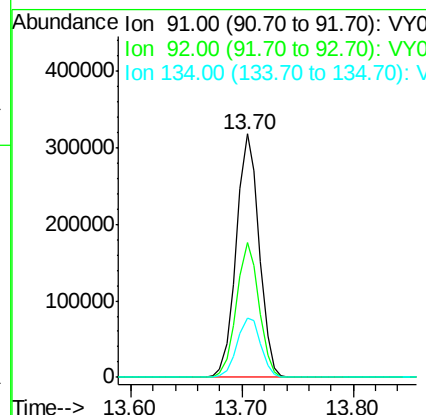
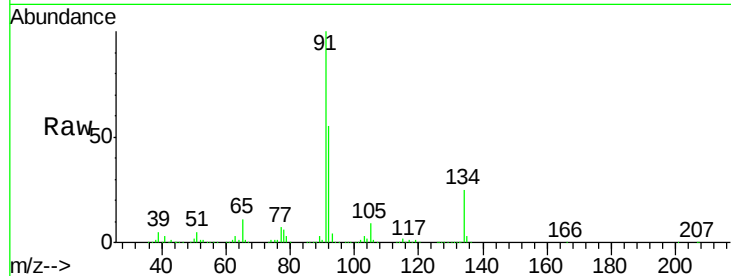
#89  
n-Butylbenzene  
Concen: 49.340 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 54.7  | 27.2 | 81.6  |       |
| 134     | 25.2  | 12.7 | 38.0  |       |

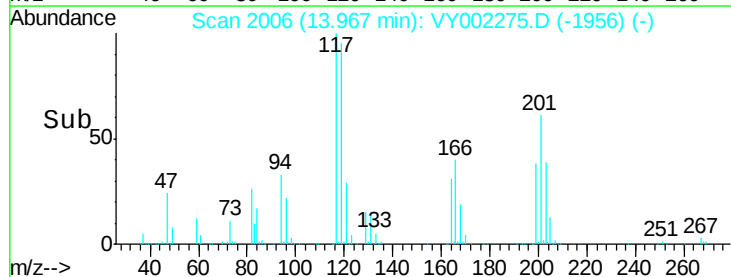
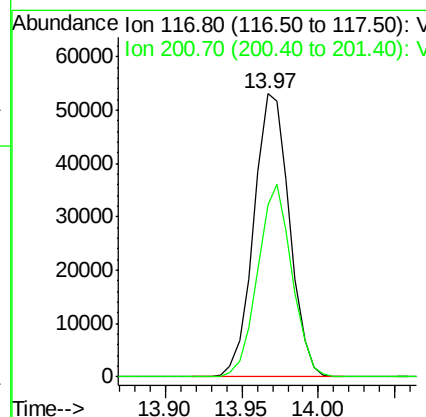
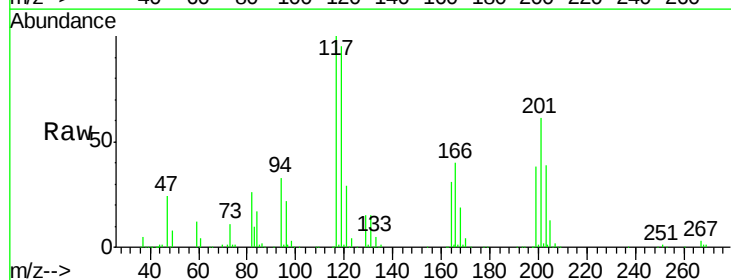
Manual Integrations  
APPROVED

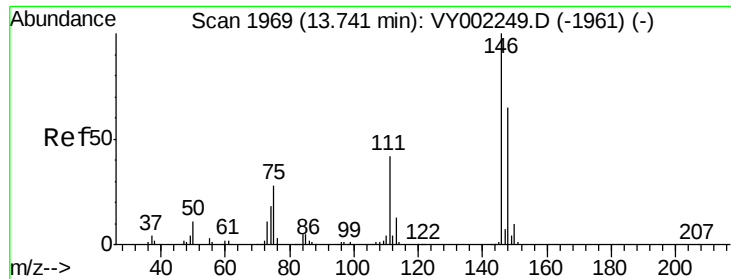
MMDadoda  
4/14/2020 10:01:45 AM



#90  
Hexachloroethane  
Concen: 50.694 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 65.3  | 33.1 | 99.2  |       |





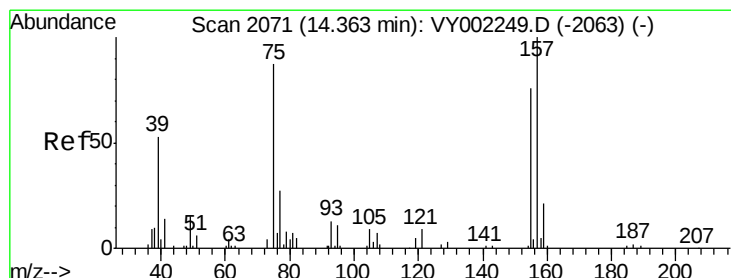
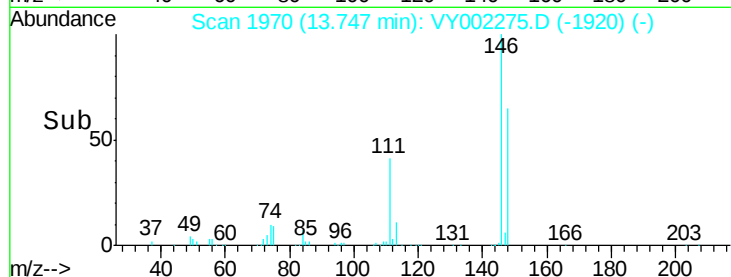
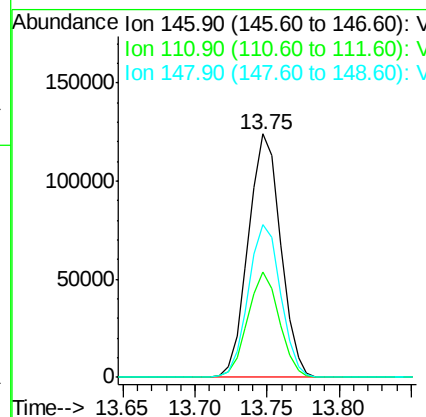
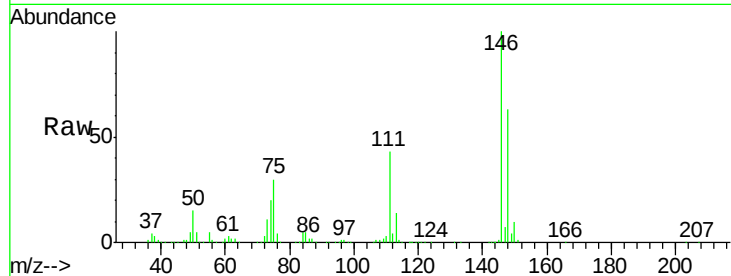
#91  
 1,2-Dichlorobenzene  
 Concen: 49.470 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. 0.01 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.3  | 21.1  | 63.1  |
| 148     | 62.7  | 31.9  | 95.9  |

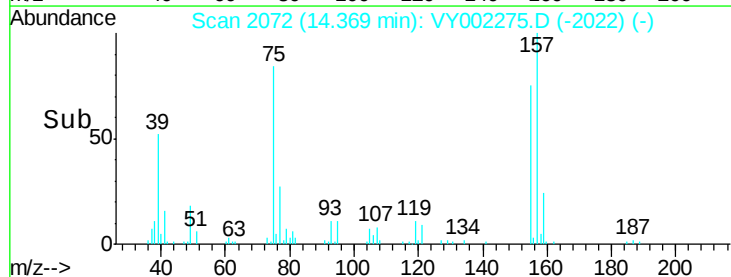
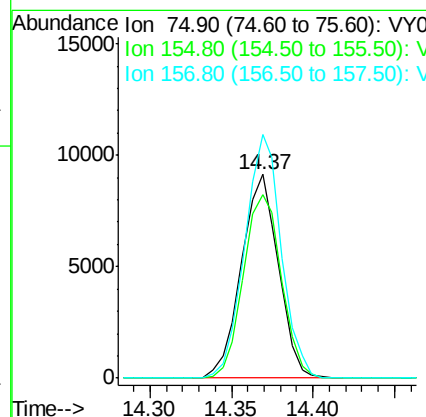
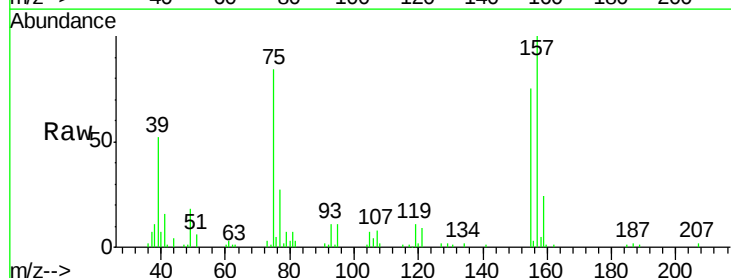
Manual Integrations  
 APPROVED

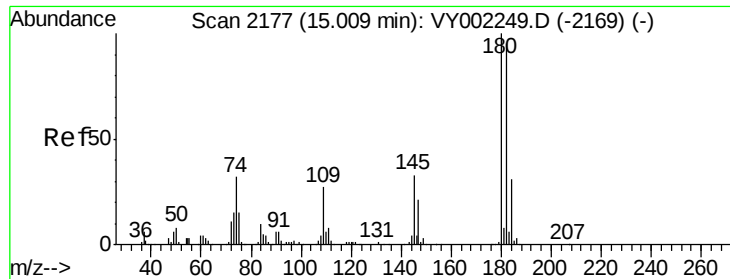
MMDadoda  
 4/14/2020 10:01:45 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.213 ug/l  
 RT: 14.37 min Scan# 2072  
 Delta R.T. 0.01 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.0  | 43.6  | 130.8 |
| 157     | 118.0 | 56.0  | 168.2 |





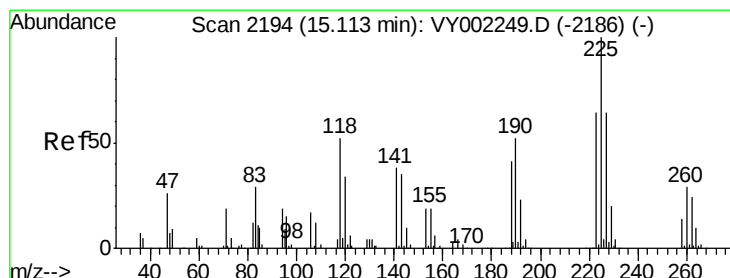
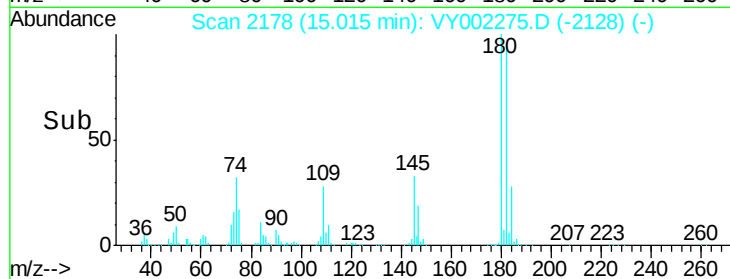
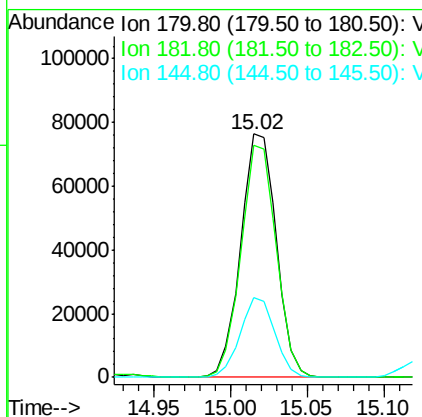
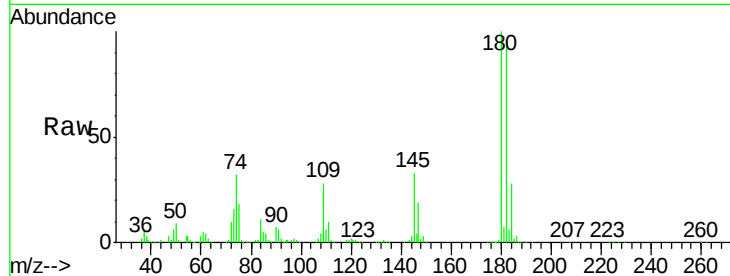
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.506 ug/l  
 RT: 15.02 min Scan# 2178  
 Delta R.T. 0.01 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 94.7  | 47.9 | 143.7 |       |
| 145     | 31.9  | 16.0 | 48.0  |       |

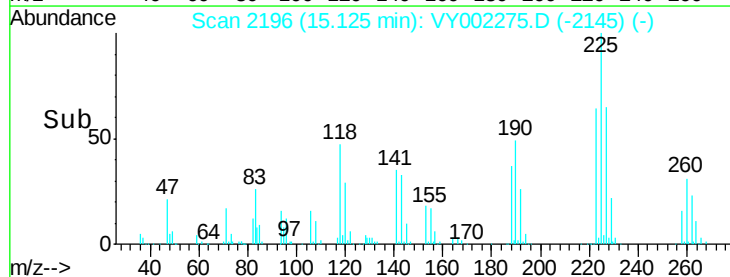
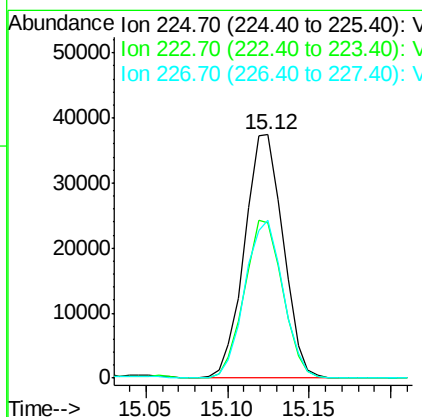
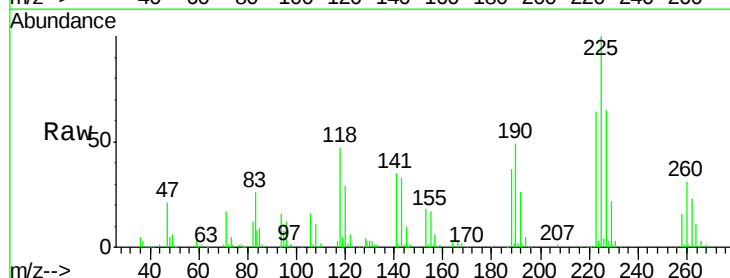
Manual Integrations  
 APPROVED

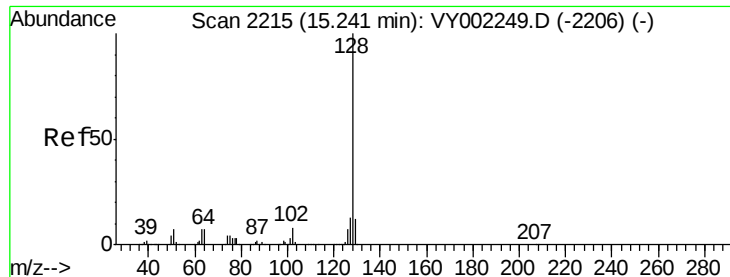
MMDadoda  
 4/14/2020 10:01:45 AM



#94  
 Hexachlorobutadiene  
 Concen: 48.294 ug/l  
 RT: 15.12 min Scan# 2196  
 Delta R.T. 0.01 min  
 Lab File: VY002275.D  
 Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.4  | 31.0 | 93.0  |       |
| 227     | 64.1  | 31.3 | 93.9  |       |





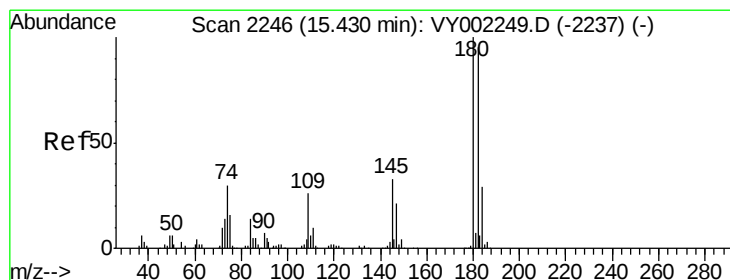
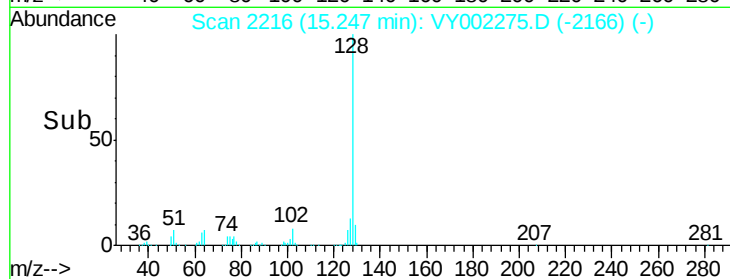
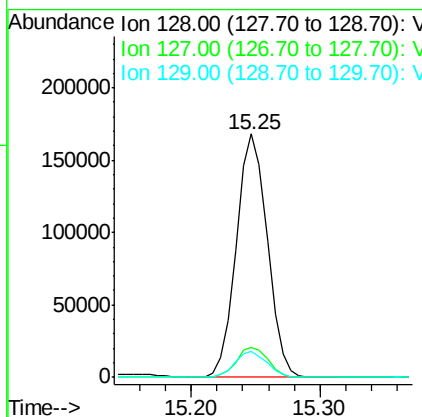
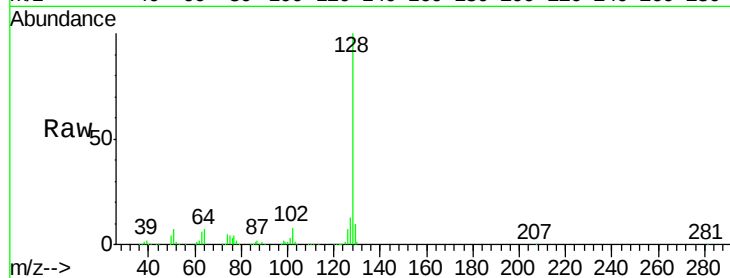
#95  
Naphthalene  
Concen: 50.379 ug/l  
RT: 15.25 min Scan# 2216  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 280419 |       |       |
| 127     | 12.7  |        | 10.1  | 15.1  |
| 129     | 10.8  |        | 8.7   | 13.1  |

Manual Integrations  
APPROVED

MMDadoda  
4/14/2020 10:01:45 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 48.377 ug/l  
RT: 15.44 min Scan# 2247  
Delta R.T. 0.01 min  
Lab File: VY002275.D  
Acq: 13 Apr 2020 13:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 106789 |       |       |
| 182     | 94.3  |        | 47.1  | 141.3 |
| 145     | 34.2  |        | 16.7  | 50.1  |

