

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\  
 Data File : VY001426.D  
 Acq On : 30 Jan 2020 13:47  
 Operator : SY/MD  
 Sample : VY0130SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/31/2020 4:26:12 PM

Quant Time: Jan 30 15:27:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.83  | 168  | 191317   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.72  | 114  | 332562   | 50.00 | ug/l  | 0.01     |
| 63) Chlorobenzene-d5       | 11.51 | 117  | 291620   | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 135758   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.17   | 65  | 105651   | 50.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.50% |      |
| 35) Dibromofluoromethane  | 7.75   | 113 | 98632    | 50.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.06% |      |
| 50) Toluene-d8            | 10.20  | 98  | 404281   | 53.31 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.62% |      |
| 62) 4-Bromofluorobenzene  | 12.50  | 95  | 146849   | 48.63 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.26%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.92 | 85  | 36130  | 23.947  | ug/l   | 99     |
| 3) Chloromethane              | 2.13 | 50  | 51285  | 22.491  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.27 | 62  | 52529  | 22.093  | ug/l   | 96     |
| 5) Bromomethane               | 2.68 | 94  | 34553  | 21.578  | ug/l   | 96     |
| 6) Chloroethane               | 2.82 | 64  | 34556  | 22.745  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 3.16 | 101 | 71044  | 23.353  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.57 | 74  | 27807  | 21.653  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.94 | 101 | 45845  | 23.664  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.13 | 142 | 51933  | 20.325  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.00 | 59  | 33735  | 118.714 | ug/l # | 95     |
| 12) 1,1-Dichloroethene        | 3.91 | 96  | 46121  | 22.705  | ug/l   | 97     |
| 13) Acrolein                  | 3.77 | 56  | 17706  | 107.300 | ug/l   | 96     |
| 14) Allyl chloride            | 4.52 | 41  | 80986  | 22.357  | ug/l   | 100    |
| 15) Acrylonitrile             | 5.21 | 53  | 71373  | 108.576 | ug/l   | 98     |
| 16) Acetone                   | 3.99 | 43  | 66806  | 117.811 | ug/l # | 88     |
| 17) Carbon Disulfide          | 4.24 | 76  | 142039 | 22.233  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.52 | 43  | 36984  | 21.066  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.27 | 73  | 127361 | 21.414  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.77 | 84  | 60299  | 20.998  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.27 | 96  | 51621  | 21.878  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.16 | 45  | 165594 | 21.527  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.11 | 43  | 536189 | 107.370 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.07 | 63  | 90659  | 22.360  | ug/l   | 98     |
| 25) 2-Butanone                | 7.03 | 43  | 101336 | 111.836 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.02 | 77  | 80208  | 22.209  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.03 | 96  | 58194  | 22.068  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.37 | 49  | 30292  | 18.116  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.39 | 42  | 62982  | 106.839 | ug/l   | 99     |
| 30) Chloroform                | 7.55 | 83  | 85566  | 21.531  | ug/l   | 99     |
| 31) Cyclohexane               | 7.82 | 56  | 93007  | 23.104  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 7.74 | 97  | 74571  | 22.223  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.96 | 75  | 72198  | 22.979  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.12 | 43  | 42224  | 21.996  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.94 | 117 | 63638  | 22.727  | ug/l   | 94     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\  
 Data File : VY001426.D  
 Acq On : 30 Jan 2020 13:47  
 Operator : SY/MD  
 Sample : VY0130SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/31/2020 4:26:12 PM

Quant Time: Jan 30 15:27:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.21  | 83   | 95731    | 23.785  | ug/l   | 97       |
| 40) Benzene                    | 8.19  | 78   | 212839   | 22.593  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.36  | 41   | 23383m   | 23.605  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.27  | 62   | 58283    | 22.141  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.30  | 43   | 82347    | 22.061  | ug/l   | 100      |
| 44) Trichloroethene            | 8.97  | 130  | 54532    | 22.558  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 53239    | 22.355  | ug/l   | 99       |
| 46) Dibromomethane             | 9.33  | 93   | 27088    | 21.187  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.52  | 83   | 67230    | 21.997  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.32  | 41   | 36712    | 21.635  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.33  | 88   | 7314     | 405.667 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.10 | 43   | 210316   | 109.411 | ug/l   | 100      |
| 52) Toluene                    | 10.27 | 92   | 134116   | 22.458  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.49 | 75   | 73671    | 21.747  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.95  | 75   | 86095    | 22.142  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 41819    | 22.161  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.53 | 69   | 60977    | 21.379  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.81 | 76   | 73868    | 22.471  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.81  | 63   | 114547   | 116.062 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.85 | 43   | 151666   | 113.335 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.00 | 129  | 46033    | 21.811  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.11 | 107  | 38939    | 21.828  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.74 | 164  | 44889    | 24.098  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.53 | 112  | 138328   | 22.503  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.61 | 131  | 47051    | 22.429  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.61 | 91   | 258598   | 22.828  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.72 | 106  | 194436   | 45.956  | ug/l   | 98       |
| 69) o-Xylene                   | 12.05 | 106  | 90993    | 22.356  | ug/l   | 100      |
| 70) Styrene                    | 12.06 | 104  | 160113   | 22.421  | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 26713    | 21.332  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 244764   | 22.849  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.16 | 43   | 75797    | 21.616  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 52053    | 22.689  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.65 | 75   | 40283m   | 24.624  | ug/l   |          |
| 77) Bromobenzene               | 12.63 | 156  | 53256    | 22.445  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.69 | 91   | 299912   | 23.260  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 169386   | 22.995  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.83 | 105  | 204925   | 22.917  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 18895    | 21.858  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.87 | 91   | 178374   | 22.670  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.09 | 119  | 172547   | 22.892  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 204977   | 22.832  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.27 | 105  | 251627   | 23.497  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 221445   | 23.465  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.38 | 146  | 103293   | 22.604  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.46 | 146  | 102057   | 21.996  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.71 | 91   | 220231   | 23.188  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 40838    | 22.829  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 94204    | 22.354  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.37 | 75   | 8582     | 21.678  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\  
 Data File : VY001426.D  
 Acq On : 30 Jan 2020 13:47  
 Operator : SY/MD  
 Sample : VY0130SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

Manual Integrations  
 APPROVED

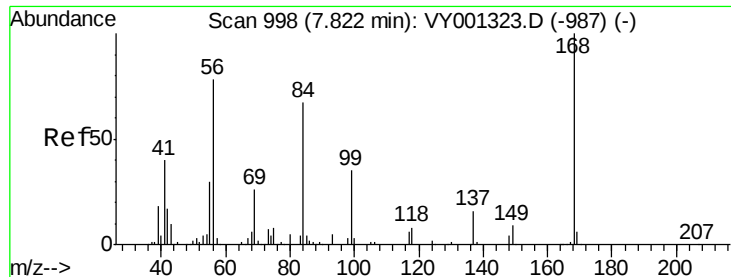
MMDadoda  
 1/31/2020 4:26:12 PM

Quant Time: Jan 30 15:27:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 60509    | 21.393 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 30139    | 21.884 | ug/l  | 97       |
| 95) Naphthalene            | 15.25 | 128  | 139758   | 21.609 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 53776    | 21.674 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion:168 Resp: 191317

Ion Ratio Lower Upper

168 100

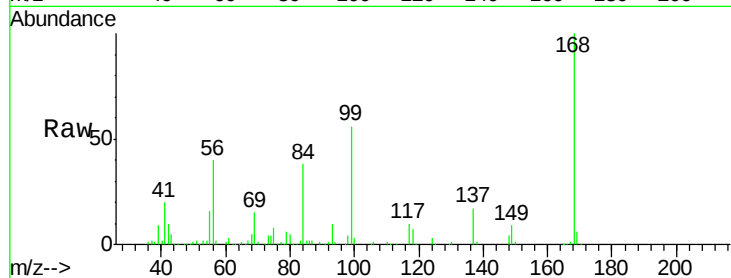
99 55.7 44.3 66.5

Manual Integrations

APPROVED

MMDadoda

1/31/2020 4:26:12 PM

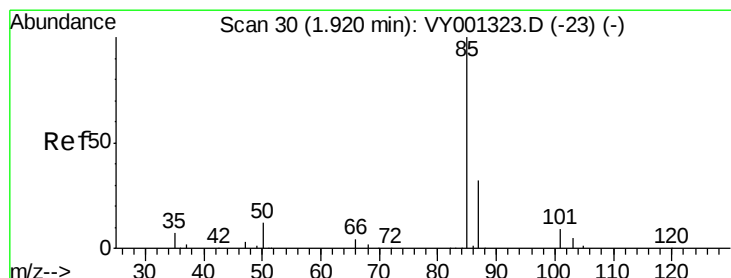
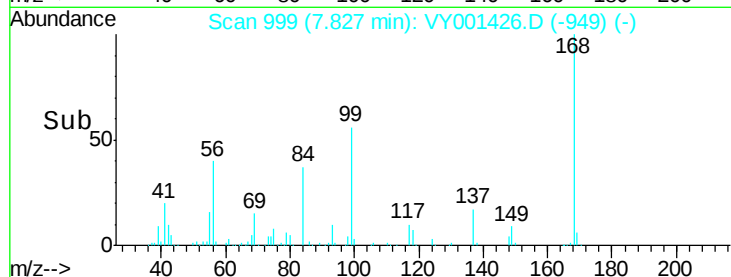


Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.83

Time-->



#2

Dichlorodifluoromethane

Concen: 23.947 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001426.D

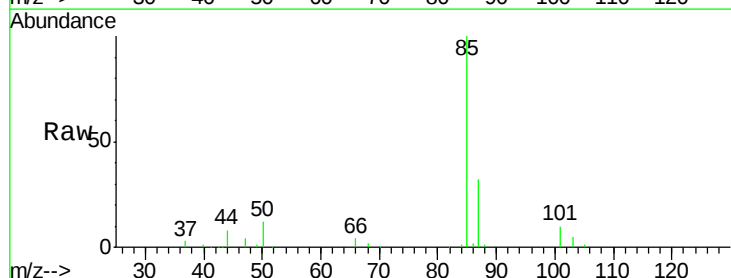
Acq: 30 Jan 2020 13:47

Tgt Ion: 85 Resp: 36130

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0

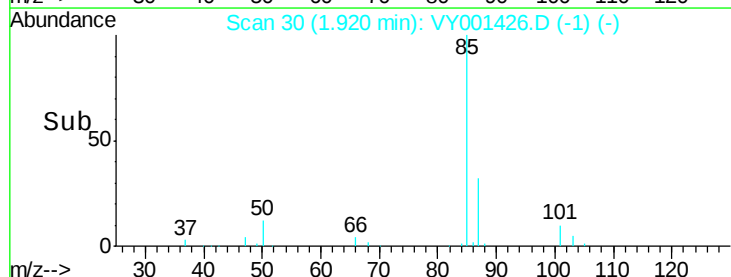


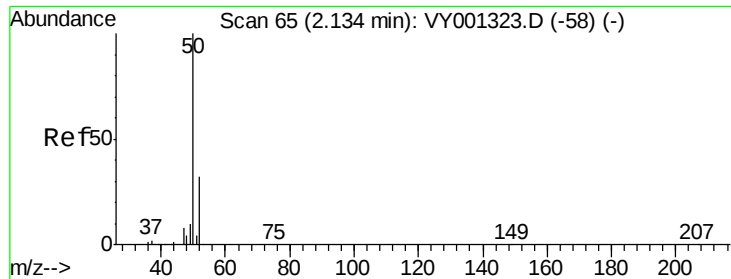
Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.92

Time-->





#3

Chloromethane

Concen: 22.491 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Tot Ion: 50 Resp: 51285

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5

Instrument :

MSVOA\_Y

ClientSampleId :

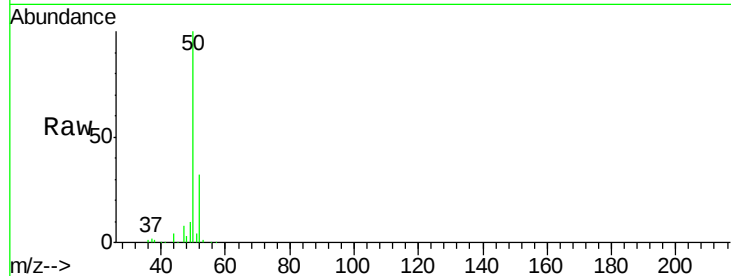
VY0130SBS01

Manual Integrations

APPROVED

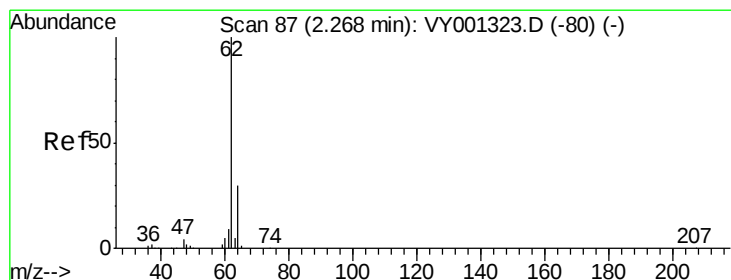
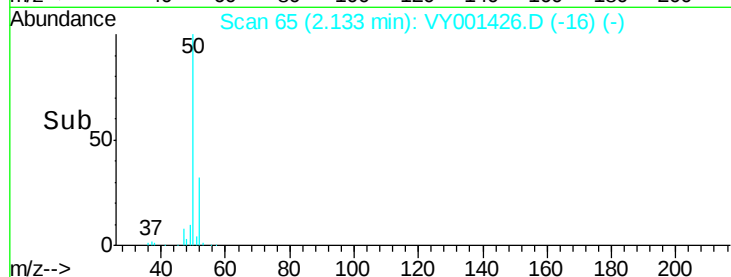
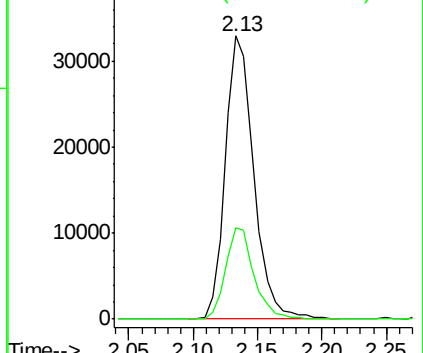
MMDadoda

1/31/2020 4:26:12 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.093 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001426.D

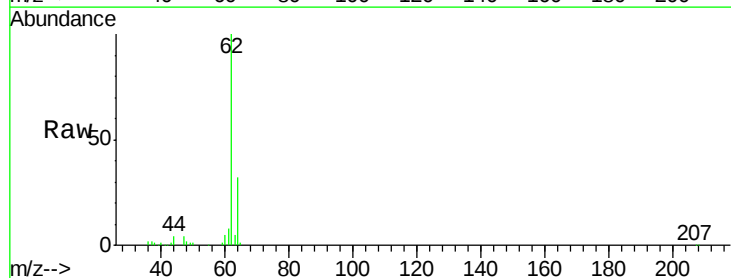
Acq: 30 Jan 2020 13:47

Tgt Ion: 62 Resp: 52529

Ion Ratio Lower Upper

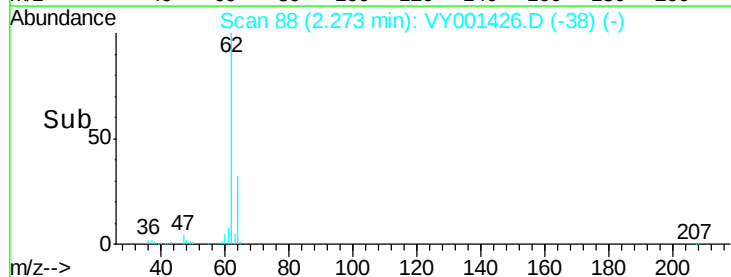
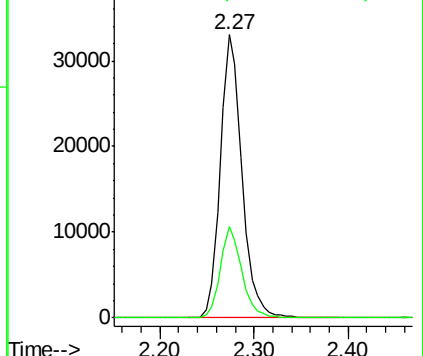
62 100

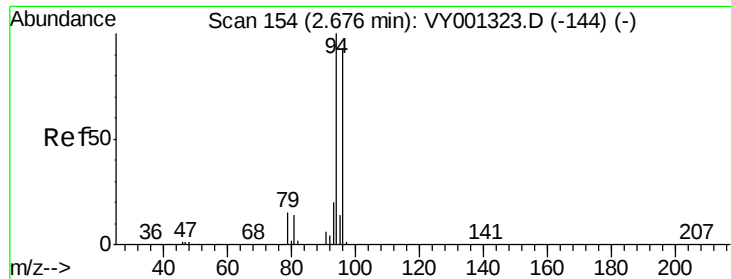
64 32.1 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.578 ug/l

RT: 2.68 min Scan# 154

Delta R.T. -0.00 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 94 Resp: 34553

Ion Ratio Lower Upper

94 100

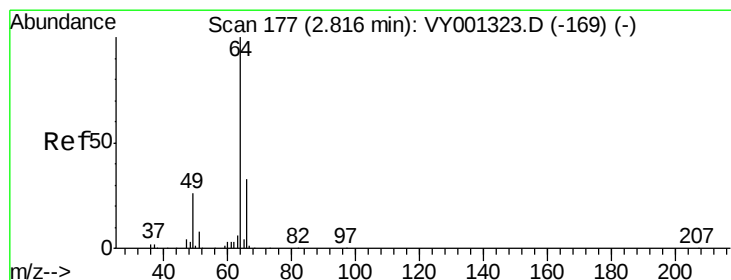
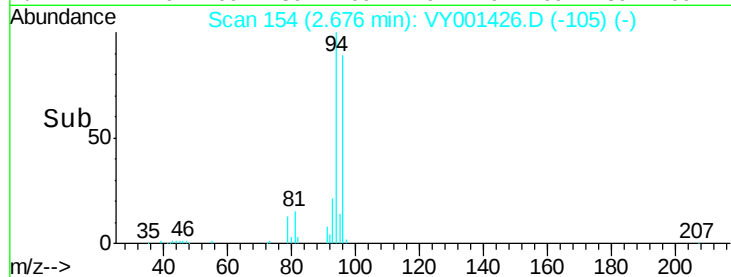
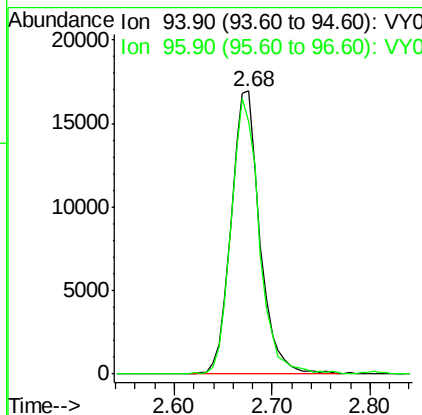
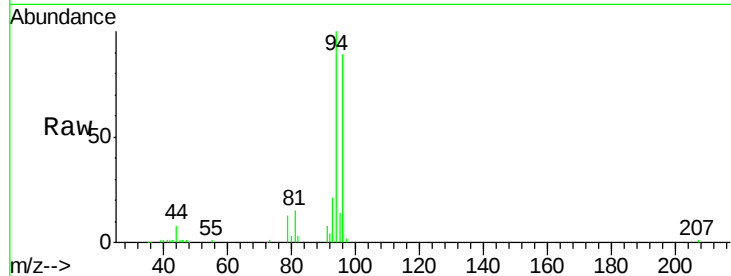
96 89.5 74.6 111.8

Manual Integrations

APPROVED

MMDadoda

1/31/2020 4:26:12 PM



#6

Chloroethane

Concen: 22.745 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001426.D

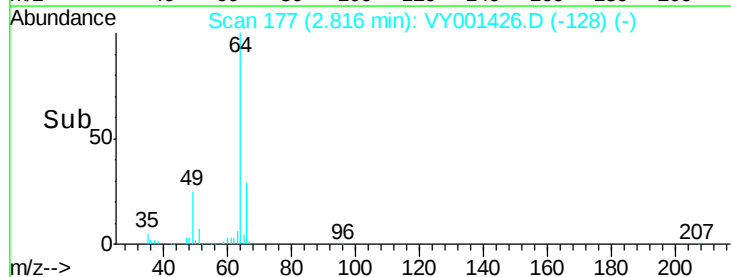
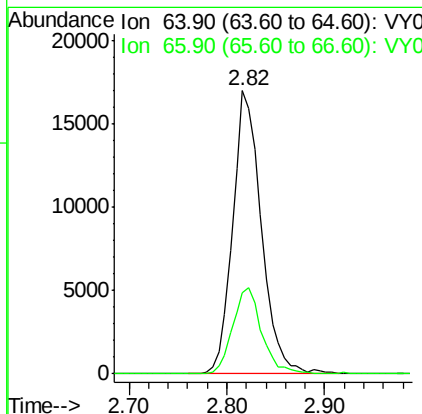
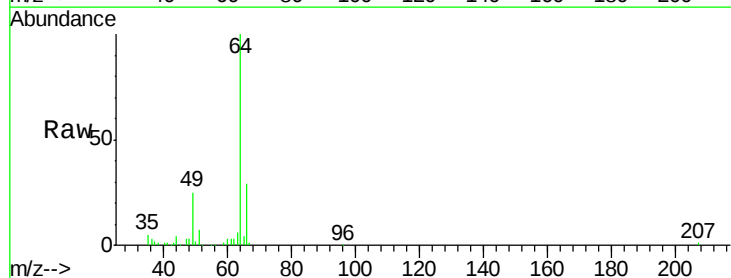
Acq: 30 Jan 2020 13:47

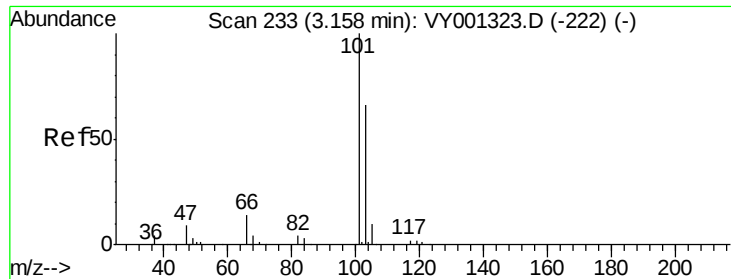
Tgt Ion: 64 Resp: 34556

Ion Ratio Lower Upper

64 100

66 28.9 26.8 40.2





#7

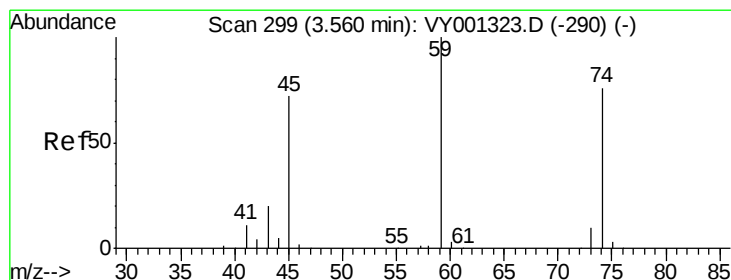
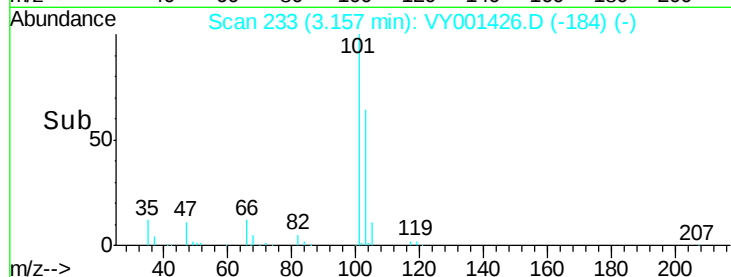
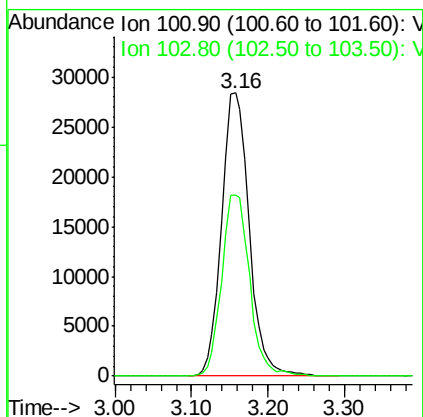
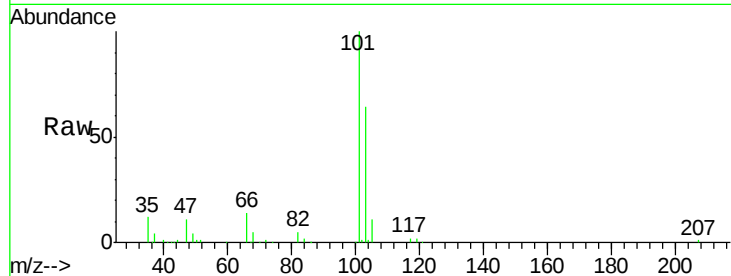
Trichlorofluoromethane  
Concen: 23.353 ug/l  
RT: 3.16 min Scan# 233  
Delta R.T. -0.00 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

Tot Ion:101 Resp: 71044  
Ion Ratio Lower Upper  
101 100  
103 64.1 52.5 78.7

Manual Integrations  
APPROVED

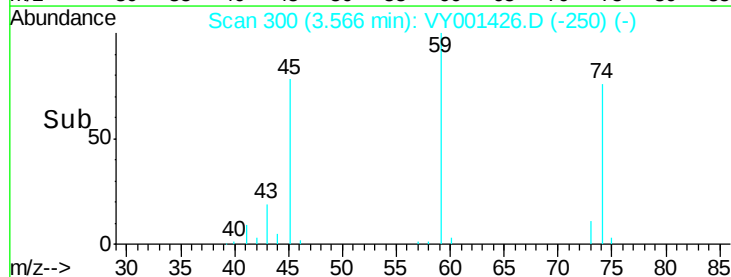
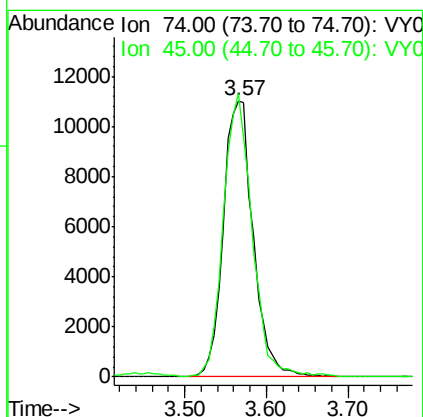
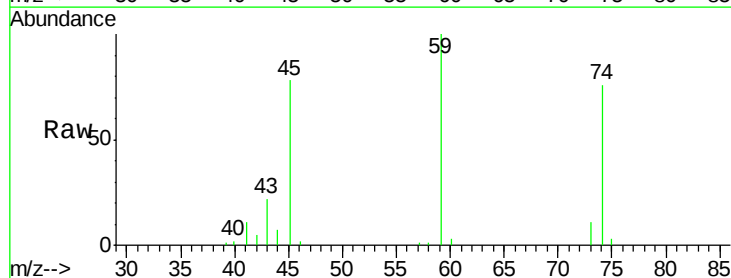
MMDadoda  
1/31/2020 4:26:12 PM



#8

Diethyl Ether  
Concen: 21.653 ug/l  
RT: 3.57 min Scan# 300  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Tgt Ion: 74 Resp: 27807  
Ion Ratio Lower Upper  
74 100  
45 99.2 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.664 ug/l

RT: 3.94 min Scan# 362

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

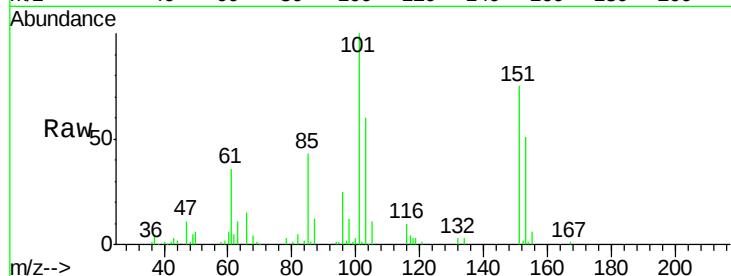
ClientSampleId :

VY0130SBS01

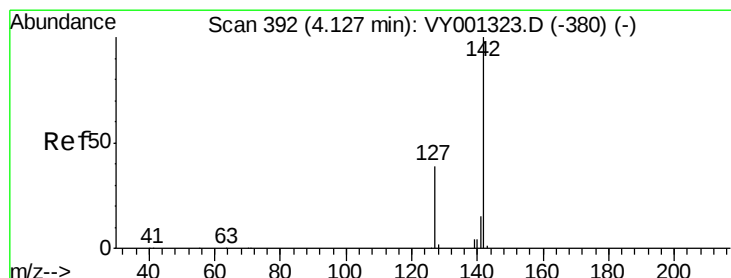
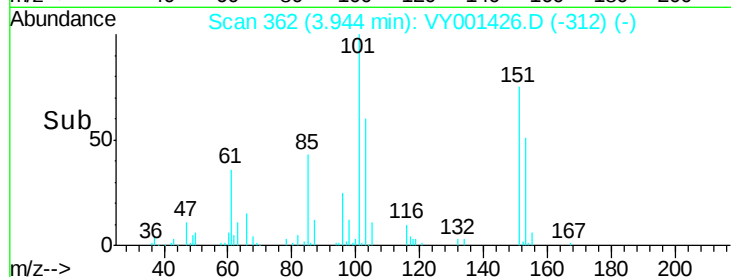
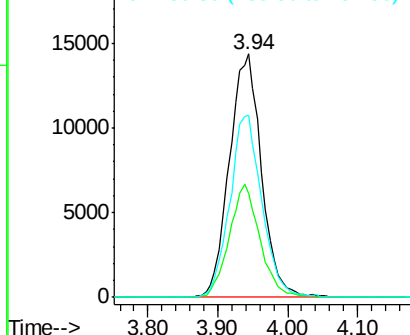
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 45845 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.5  | 34.9  | 52.3  |
| 151       | 74.9  | 59.9  | 89.9  |

Manual Integrations  
APPROVED

MMDadoda  
1/31/2020 4:26:12 PM



Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.325 ug/l

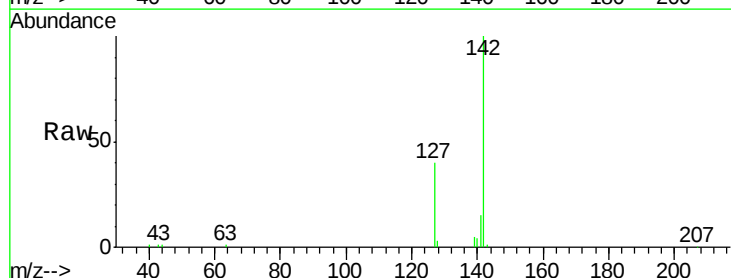
RT: 4.13 min Scan# 392

Delta R.T. -0.00 min

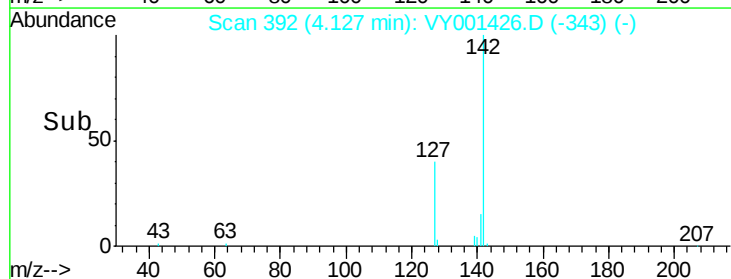
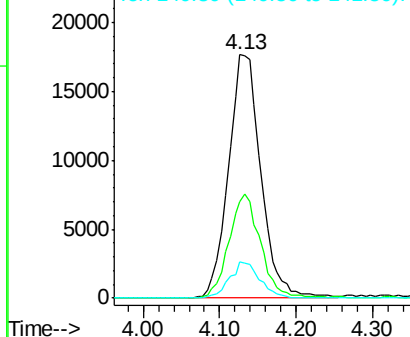
Lab File: VY001426.D

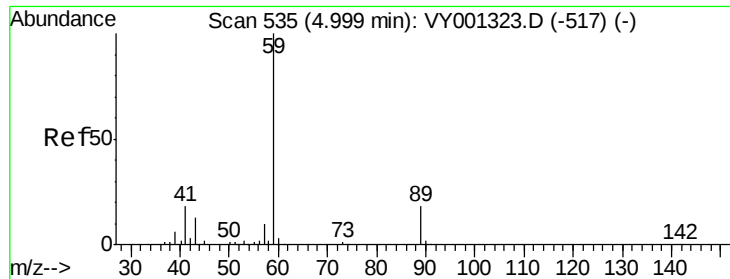
Acq: 30 Jan 2020 13:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 51933 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.4  | 31.6  | 47.4  |
| 141       | 14.0  | 11.2  | 16.8  |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





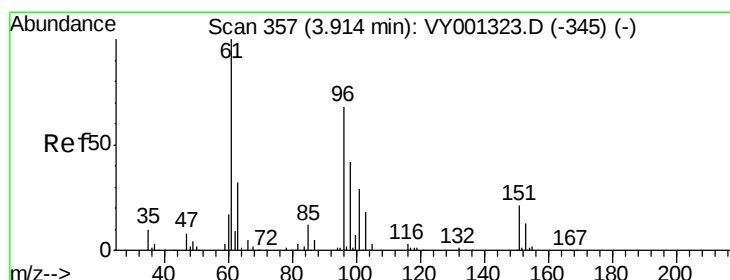
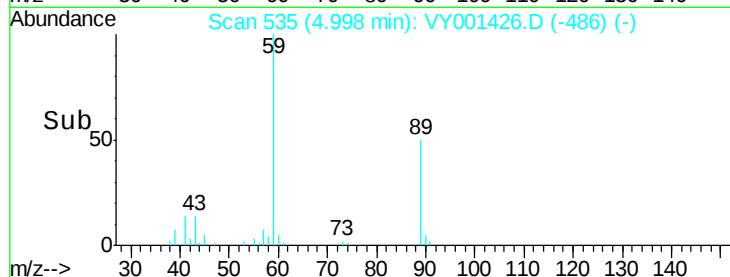
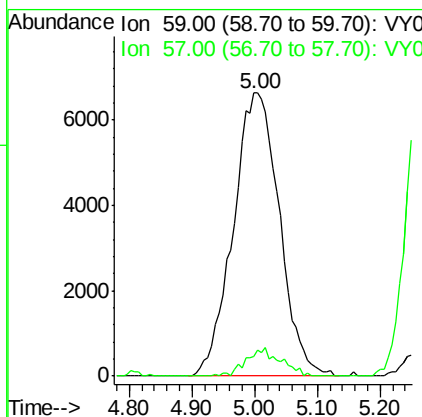
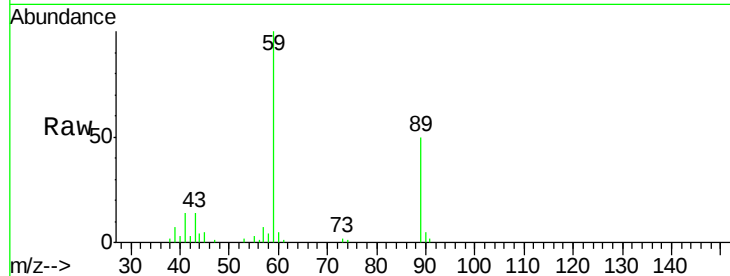
#11  
Tert butyl alcohol  
Concen: 118.714 ug/l  
RT: 5.00 min Scan# 535  
Delta R.T. -0.00 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

Tot Ion: 59 Resp: 33735  
Ion Ratio Lower Upper  
59 100  
57 7.4 7.4 11.2#

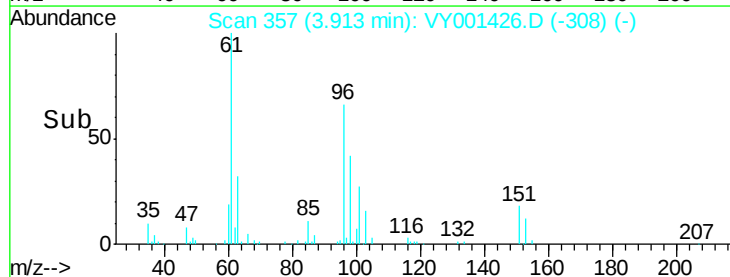
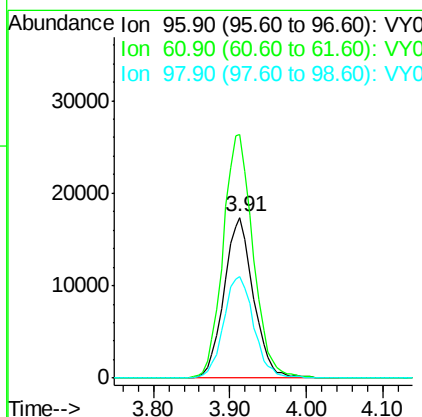
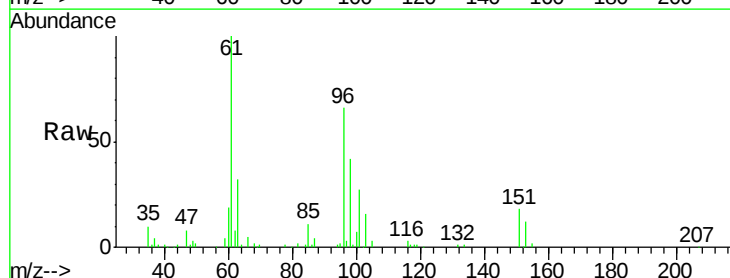
Manual Integrations  
APPROVED

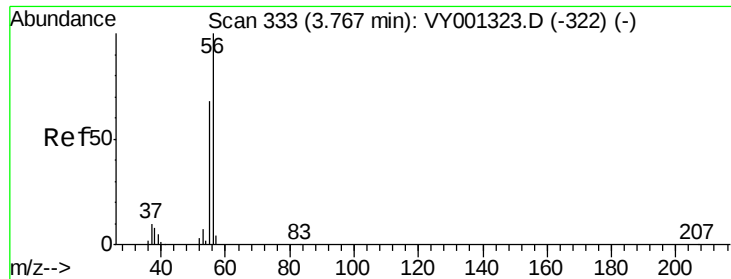
MMDadoda  
1/31/2020 4:26:12 PM



#12  
1,1-Dichloroethene  
Concen: 22.705 ug/l  
RT: 3.91 min Scan# 357  
Delta R.T. -0.00 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Tgt Ion: 96 Resp: 46121  
Ion Ratio Lower Upper  
96 100  
61 151.7 118.0 177.0  
98 63.5 49.4 74.2





#13

Acrolein

Concen: 107.300 ug/l

RT: 3.77 min Scan# 333

Delta R.T. -0.00 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 56 Resp: 17706

Ion Ratio Lower Upper

56 100

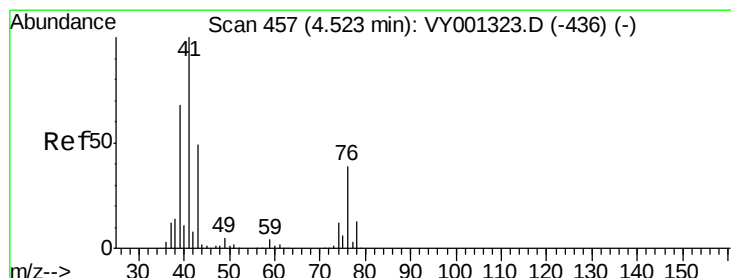
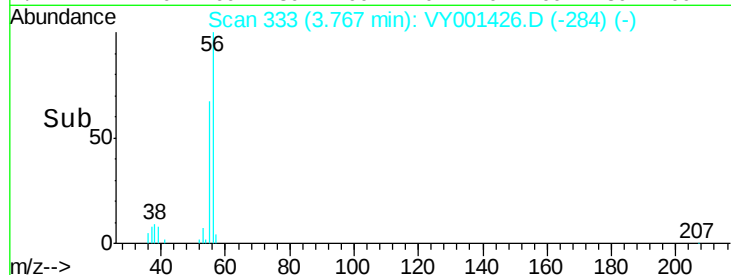
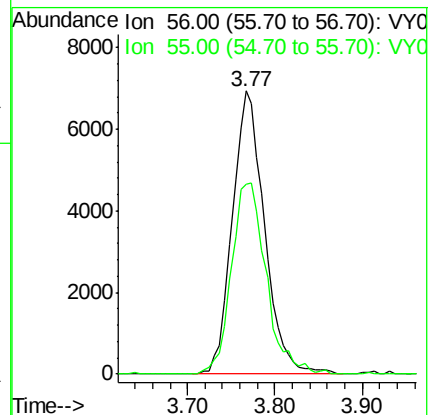
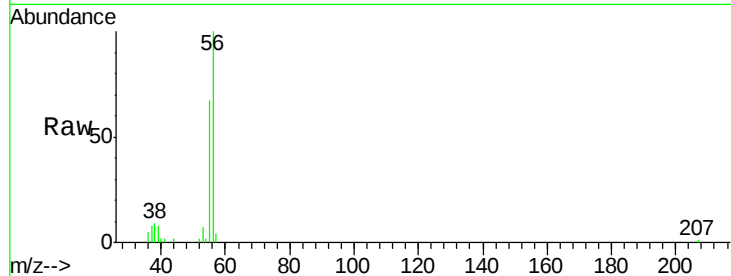
55 73.0 55.9 83.9

Manual Integrations

APPROVED

MMDadoda

1/31/2020 4:26:12 PM



#14

Allyl chloride

Concen: 22.357 ug/l

RT: 4.52 min Scan# 457

Delta R.T. -0.00 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

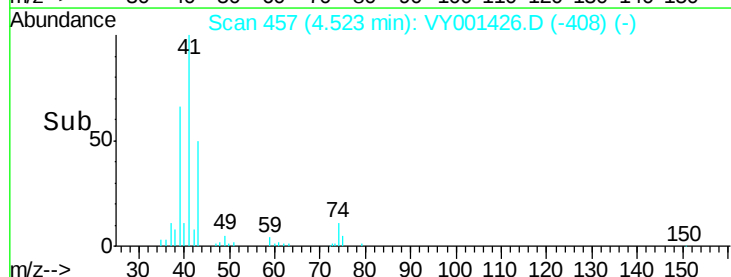
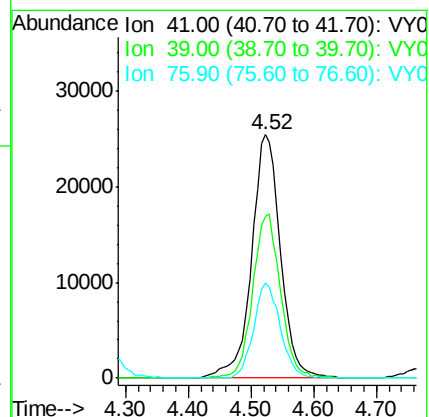
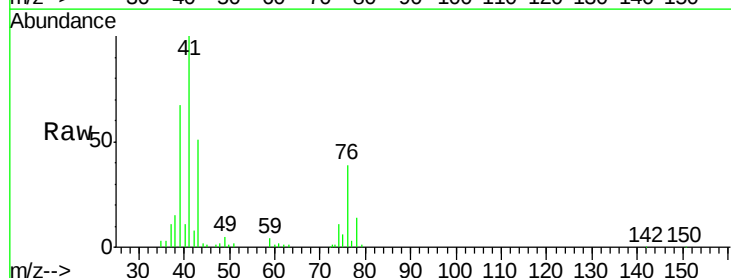
Tgt Ion: 41 Resp: 80986

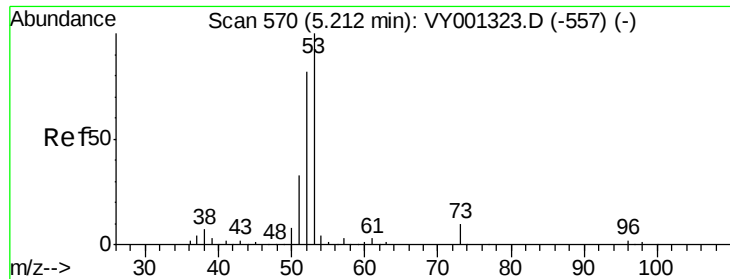
Ion Ratio Lower Upper

41 100

39 65.0 52.2 78.4

76 36.1 29.1 43.7





#15

Acrylonitrile

Concen: 108.576 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

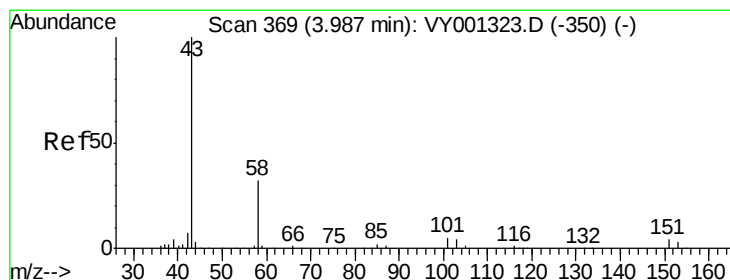
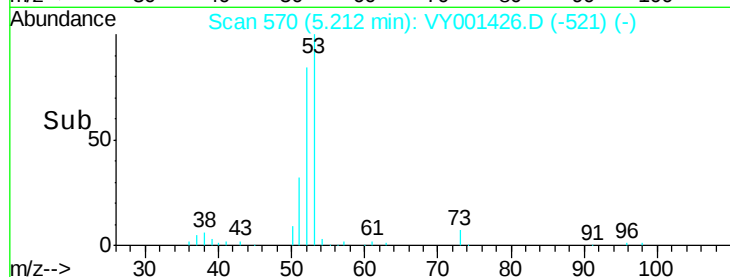
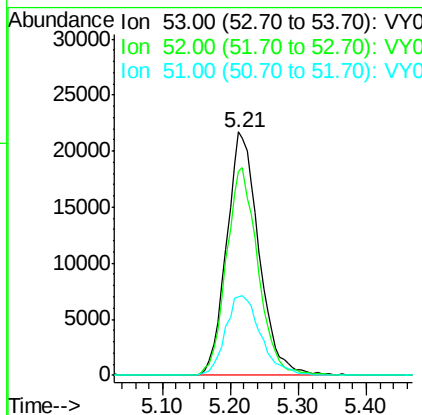
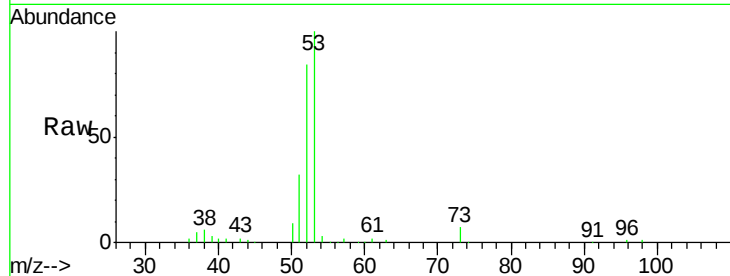
ClientSampleId :

VY0130SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 71373 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.5  | 65.3  | 97.9  |
| 51       | 35.6  | 28.4  | 42.6  |

Manual Integrations  
APPROVED

MMDadoda  
1/31/2020 4:26:12 PM



#16

Acetone

Concen: 117.811 ug/l

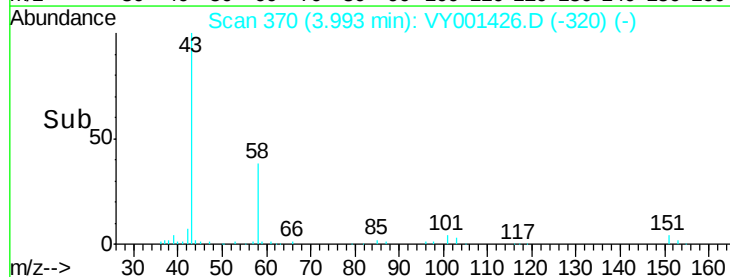
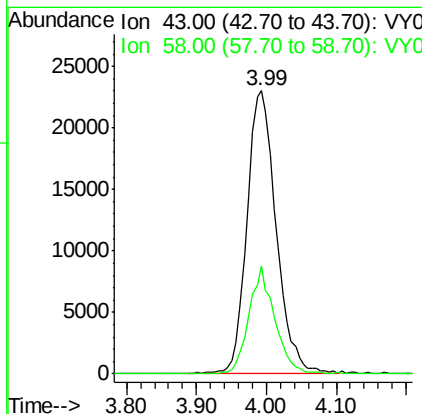
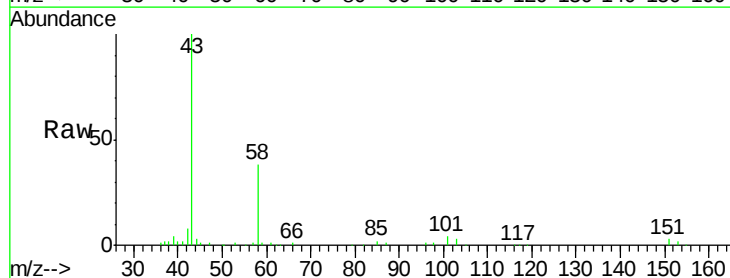
RT: 3.99 min Scan# 370

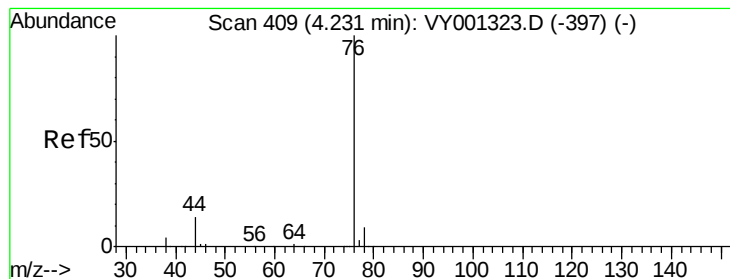
Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 66806 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 38.1  | 25.4  | 38.0# |





#17

Carbon Disulfide

Concen: 22.233 ug/l

RT: 4.24 min Scan# 410

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 76 Resp: 142039

Ion Ratio Lower Upper

76 100

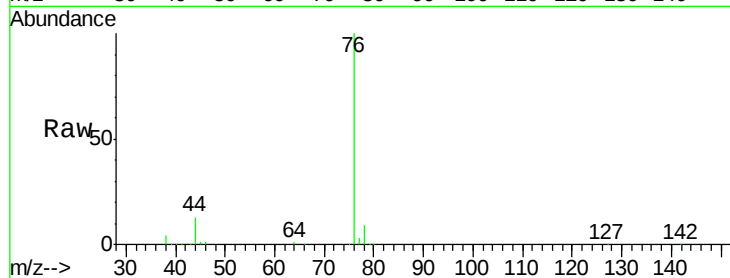
78 8.8 7.0 10.6

Manual Integrations

APPROVED

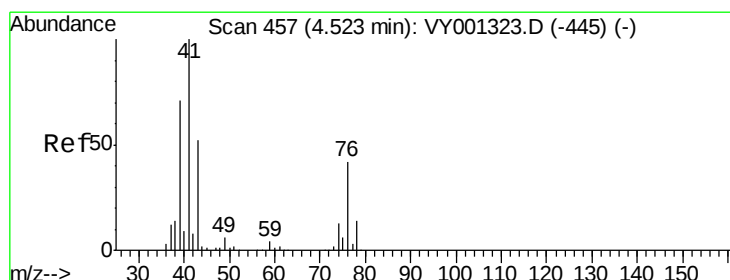
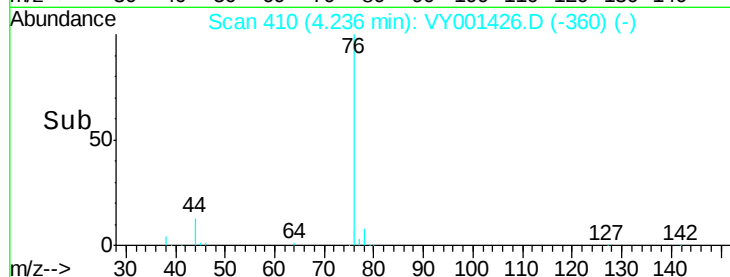
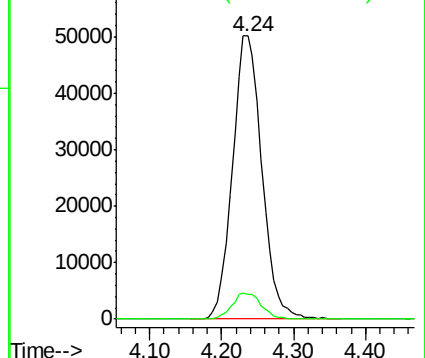
MMDadoda

1/31/2020 4:26:12 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.066 ug/l

RT: 4.52 min Scan# 457

Delta R.T. -0.00 min

Lab File: VY001426.D

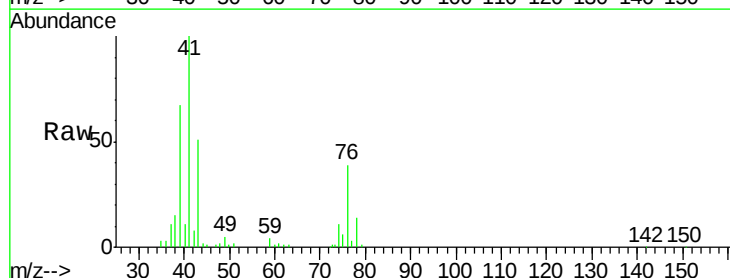
Acq: 30 Jan 2020 13:47

Tgt Ion: 43 Resp: 36984

Ion Ratio Lower Upper

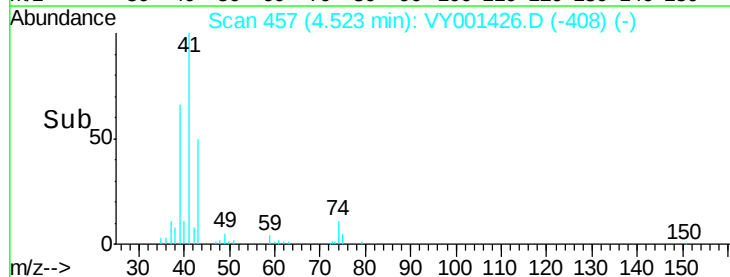
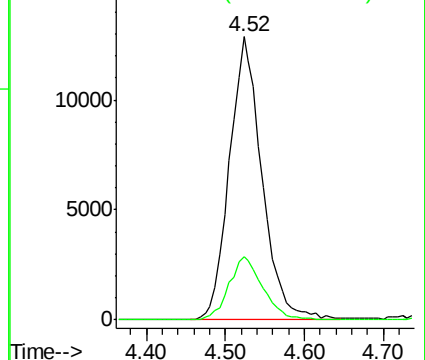
43 100

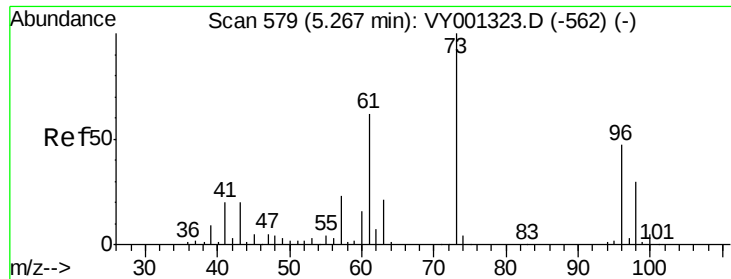
74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





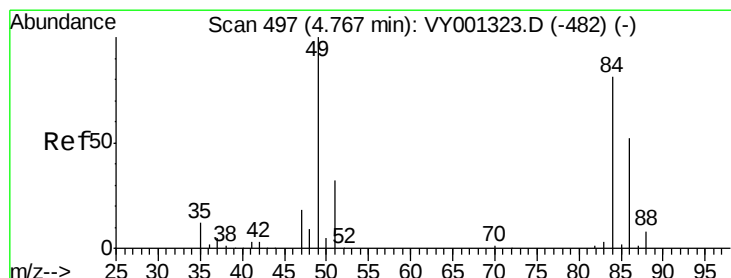
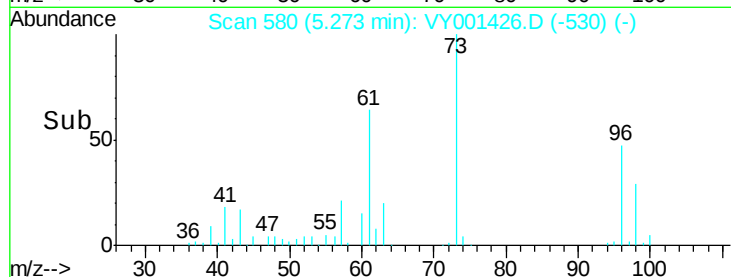
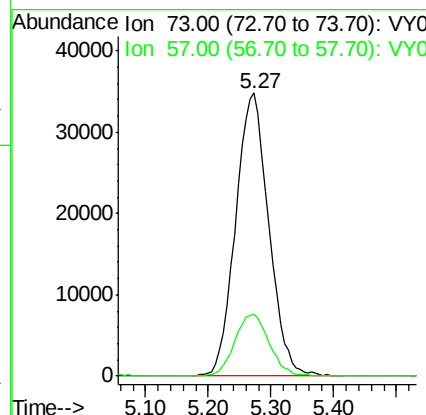
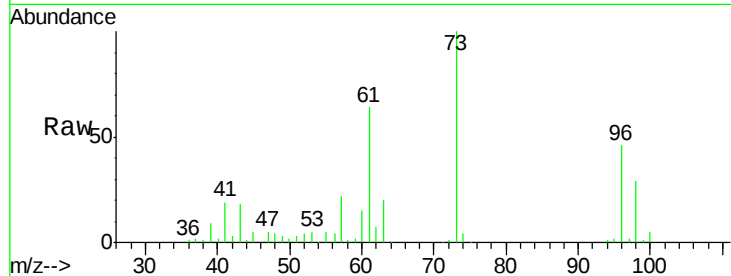
#19  
Methvl tert-butvl Ether  
Concen: 21.414 ug/l  
RT: 5.27 min Scan# 580  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

Tot Ion: 73 Resp: 127361  
Ion Ratio Lower Upper  
73 100  
57 21.7 18.2 27.2

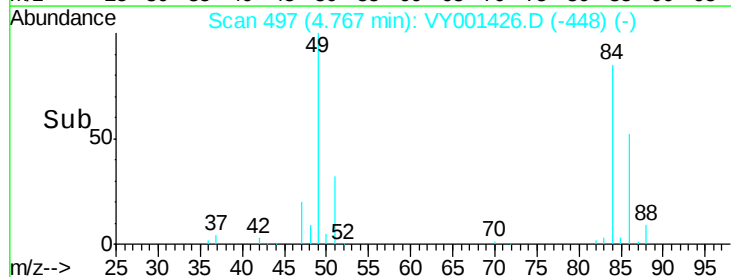
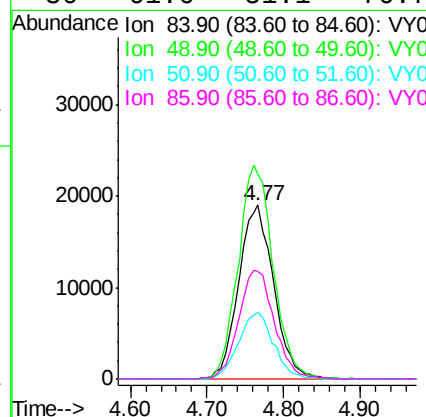
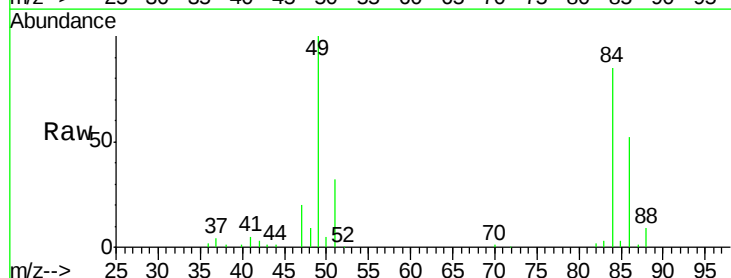
Manual Integrations  
APPROVED

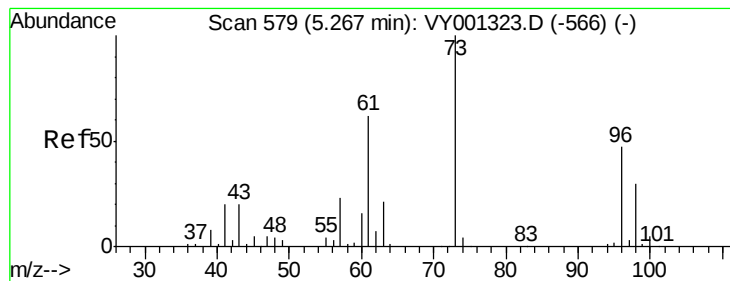
MMDadoda  
1/31/2020 4:26:12 PM



#20  
Methylene Chloride  
Concen: 20.998 ug/l  
RT: 4.77 min Scan# 497  
Delta R.T. -0.00 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Tgt Ion: 84 Resp: 60299  
Ion Ratio Lower Upper  
84 100  
49 117.7 98.3 147.5  
51 37.9 31.6 47.4  
86 61.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 21.878 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 96 Resp: 51621

Ion Ratio Lower Upper

96 100

61 137.1 106.8 160.2

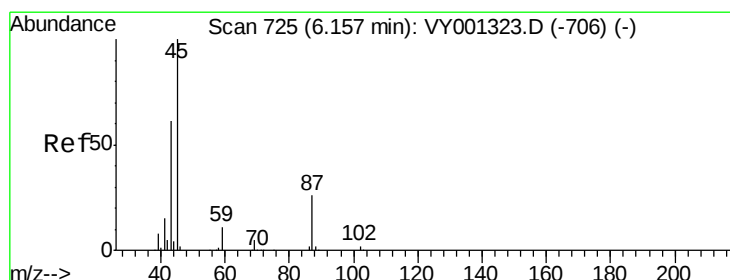
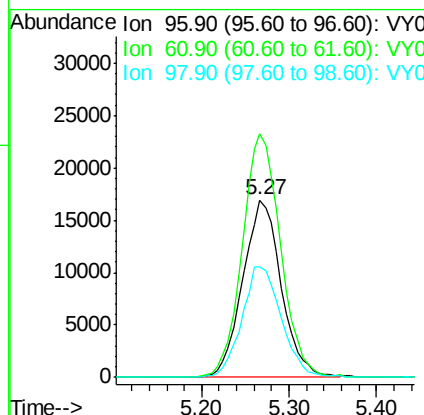
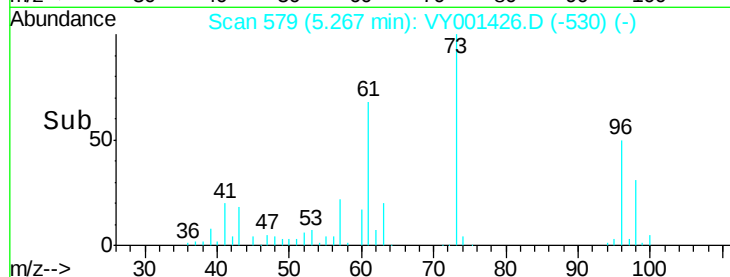
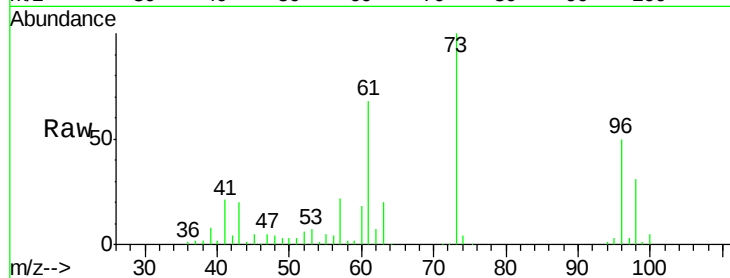
98 62.1 51.0 76.6

Manual Integrations

APPROVED

MMDadoda

1/31/2020 4:26:12 PM



#22

Diisopropyl ether

Concen: 21.527 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Tgt Ion: 45 Resp: 165594

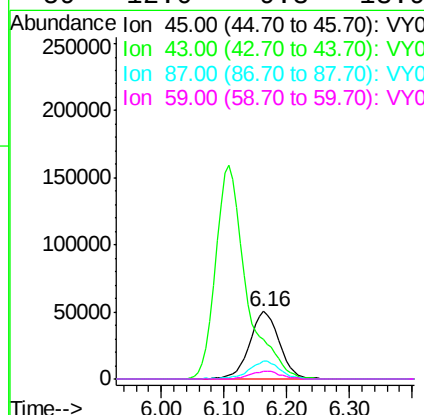
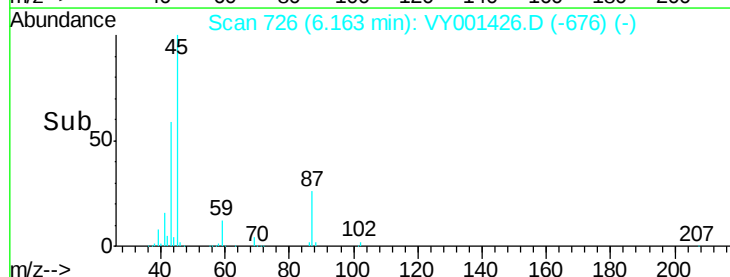
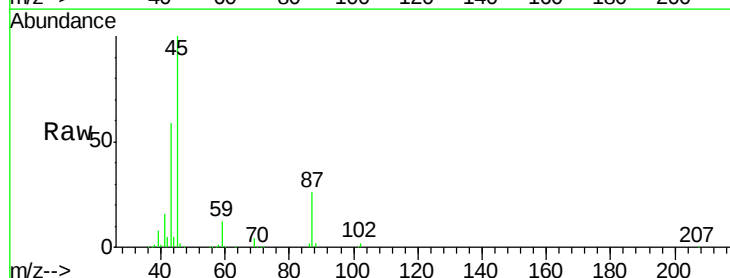
Ion Ratio Lower Upper

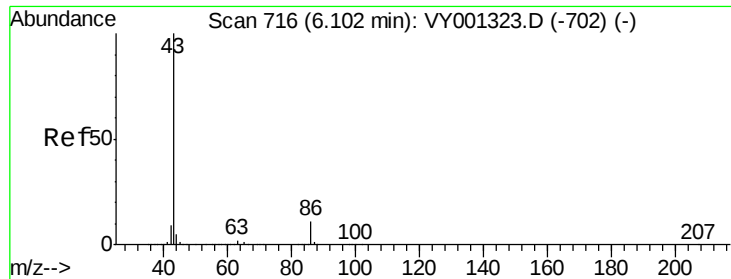
45 100

43 58.4 49.2 73.8

87 25.9 21.4 32.2

59 12.0 9.3 13.9





#23

Vinyl Acetate

Concen: 107.370 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 43 Resp: 536189

Ion Ratio Lower Upper

43 100

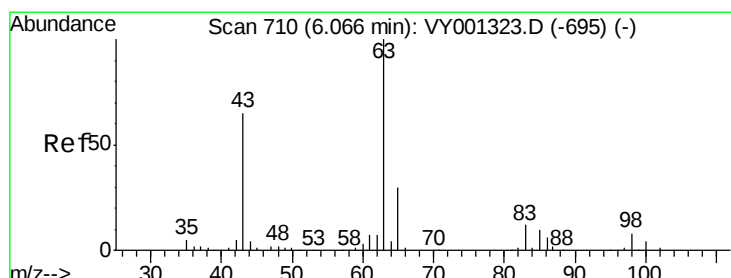
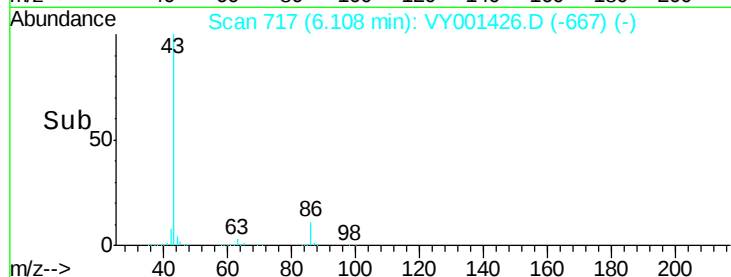
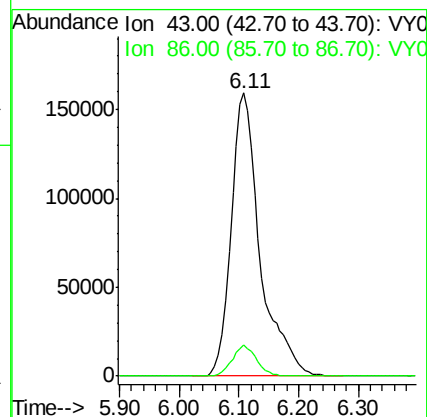
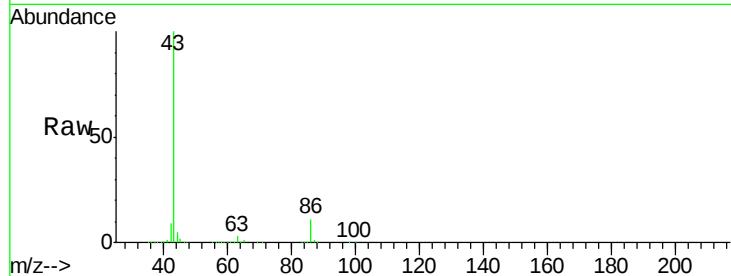
86 11.0 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

1/31/2020 4:26:12 PM



#24

1,1-Dichloroethane

Concen: 22.360 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

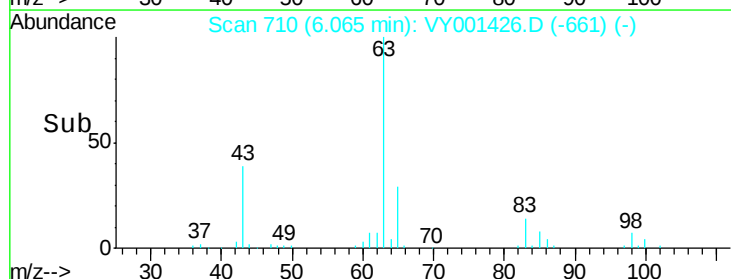
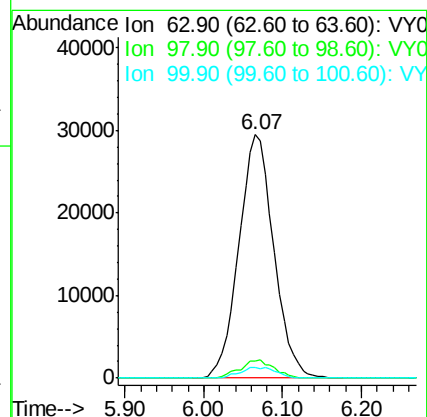
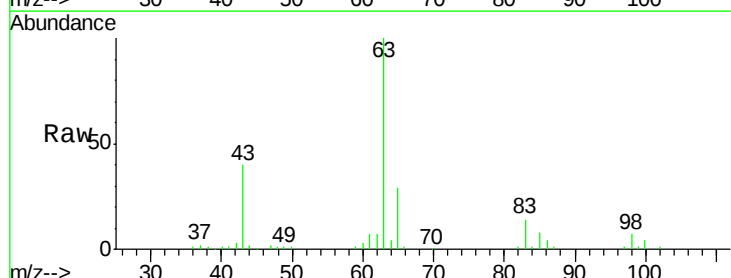
Tgt Ion: 63 Resp: 90659

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 111.836 ug/l

RT: 7.03 min Scan# 869

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 43 Resp: 101336

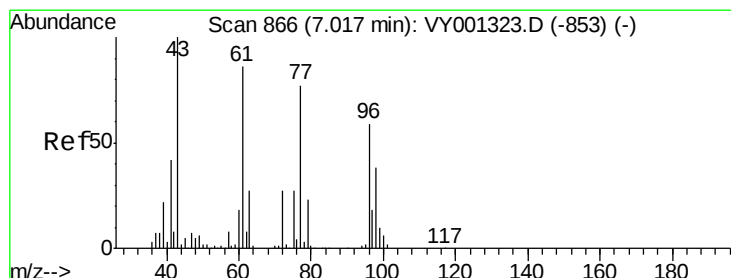
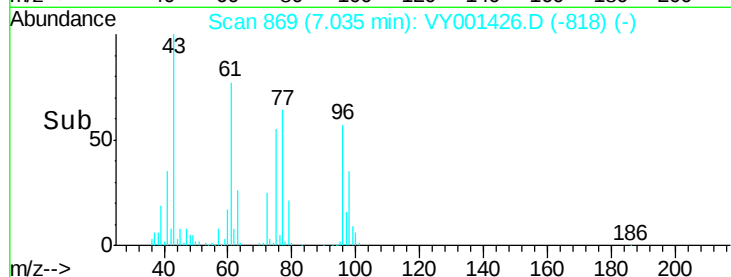
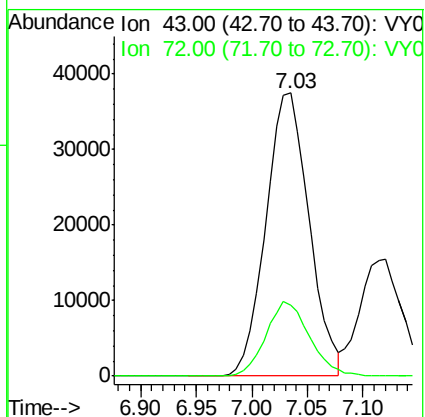
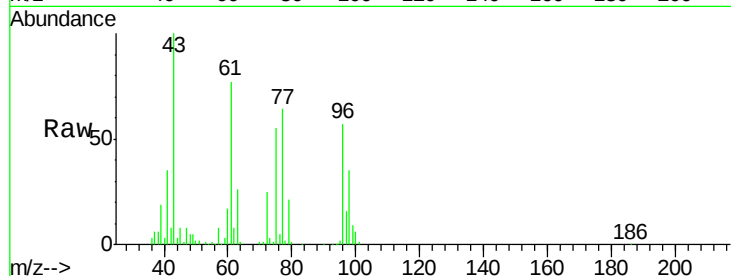
Ion Ratio Lower Upper

43 100

72 25.0 20.6 31.0

Manual Integrations  
APPROVED

MMDadoda  
1/31/2020 4:26:12 PM



#26

2,2-Dichloropropane

Concen: 22.209 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001426.D

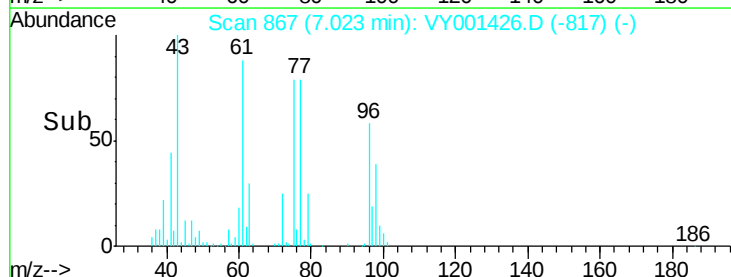
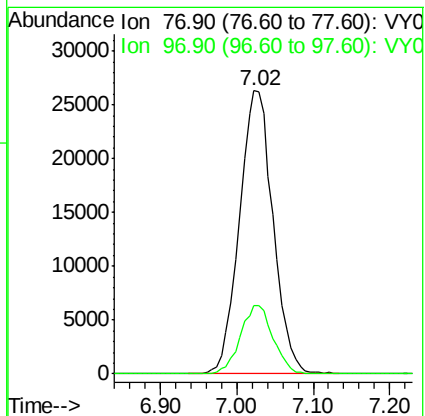
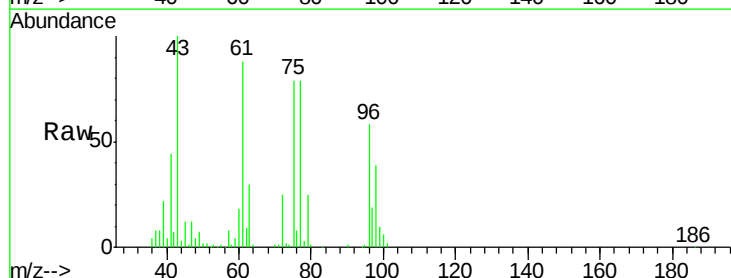
Acq: 30 Jan 2020 13:47

Tgt Ion: 77 Resp: 80208

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5





#27

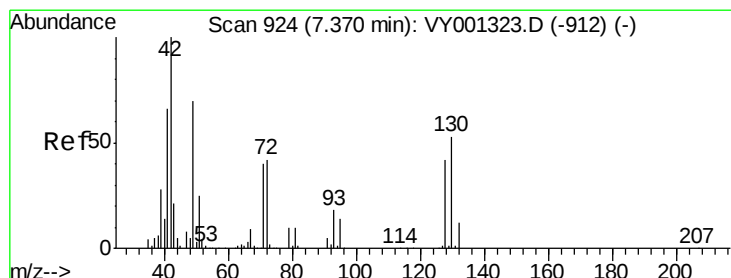
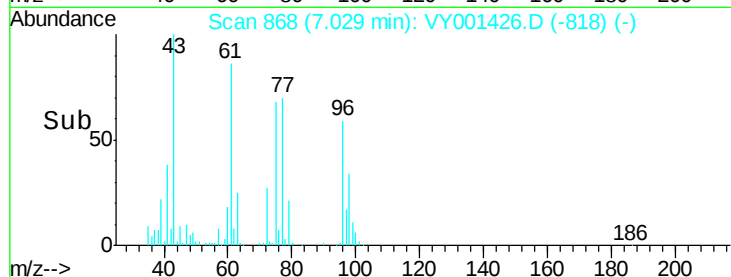
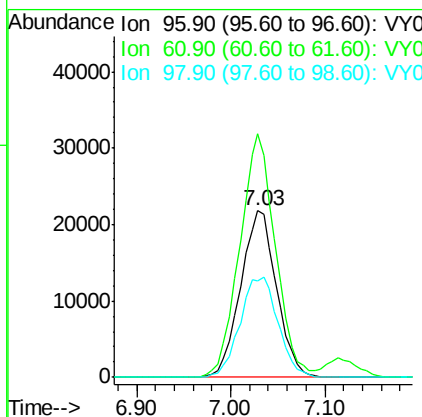
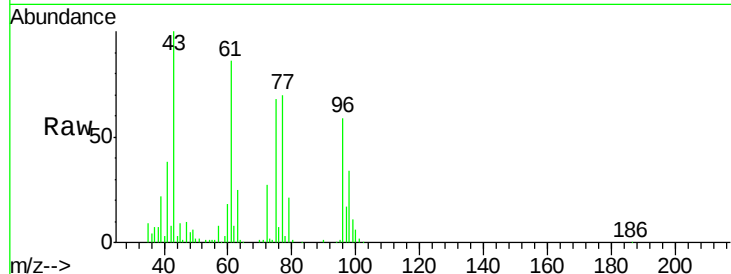
cis-1,2-Dichloroethene  
Concen: 22.068 ug/l  
RT: 7.03 min Scan# 868  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 58194 |       |       |
| 61      | 144.4 | 0.0   | 284.8 |       |
| 98      | 63.4  | 0.0   | 128.4 |       |

Manual Integrations  
APPROVED

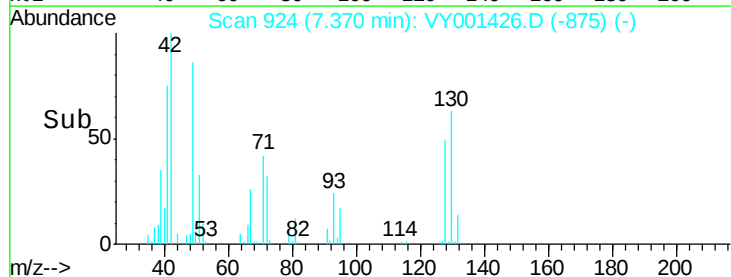
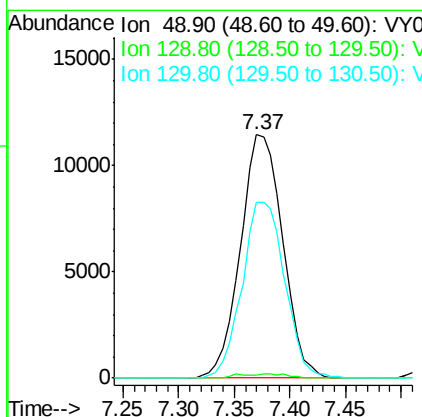
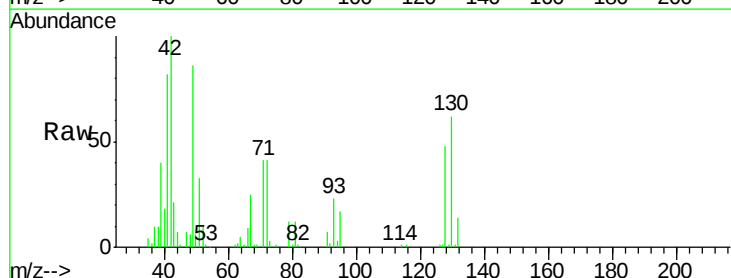
MMDadoda  
1/31/2020 4:26:12 PM

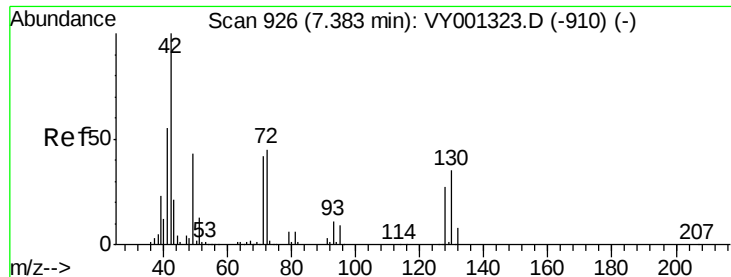


#28

Bromochloromethane  
Concen: 18.116 ug/l  
RT: 7.37 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 30292 |       |       |
| 129     | 1.0   | 0.0   | 4.0   |       |
| 130     | 72.9  | 58.9  | 88.3  |       |





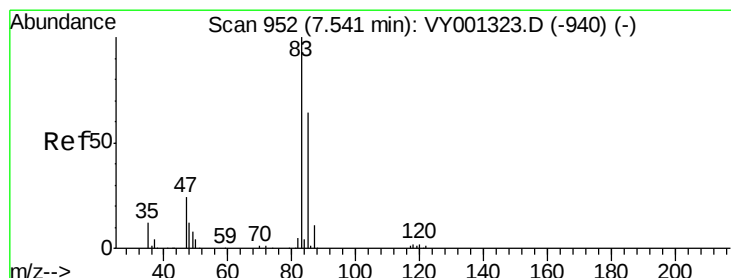
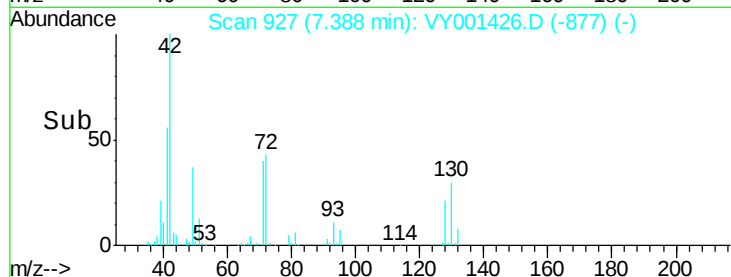
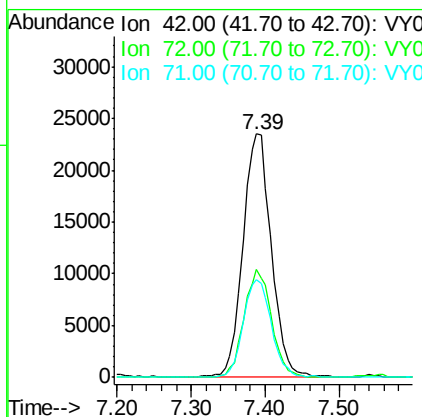
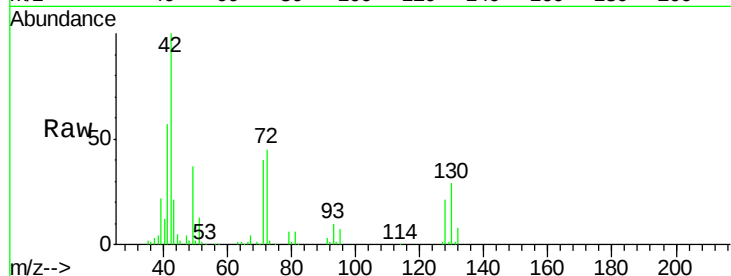
#29  
Tetrahydrofuran  
Concen: 106.839 ug/l  
RT: 7.39 min Scan# 927  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.8  | 34.6  | 51.8  |
| 71      | 39.6  | 32.6  | 48.8  |

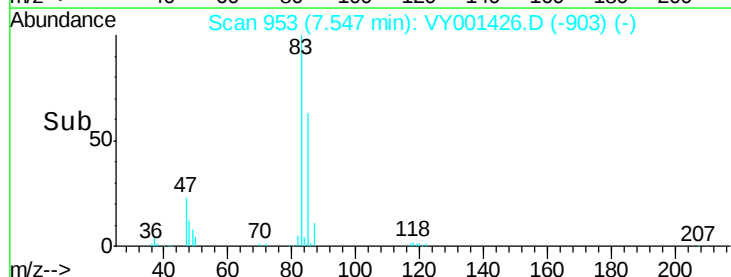
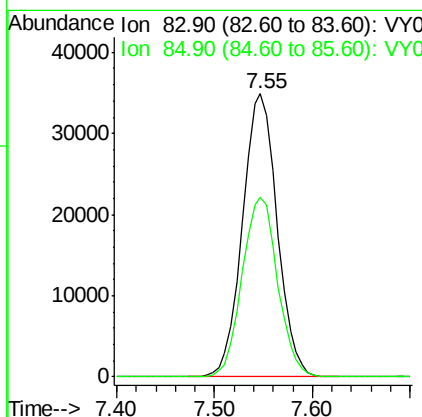
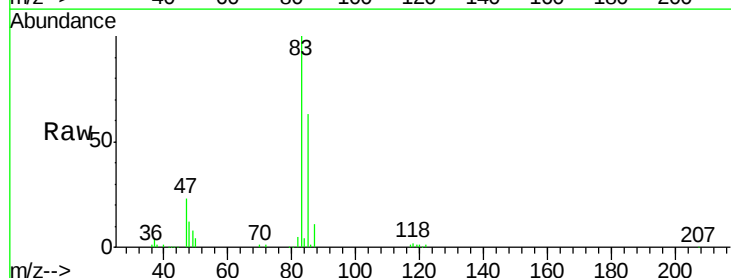
Manual Integrations  
APPROVED

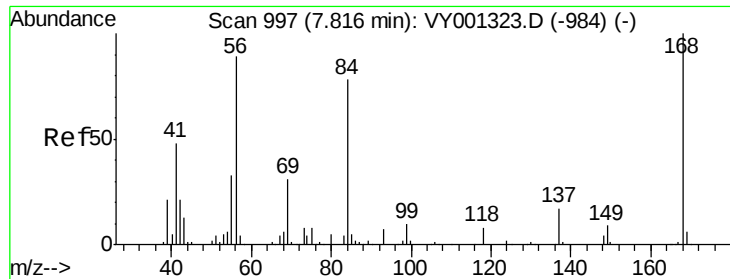
MMDadoda  
1/31/2020 4:26:12 PM



#30  
Chloroform  
Concen: 21.531 ug/l  
RT: 7.55 min Scan# 953  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.4  | 51.5  | 77.3  |





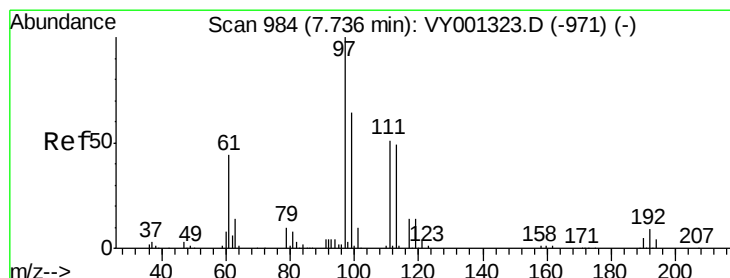
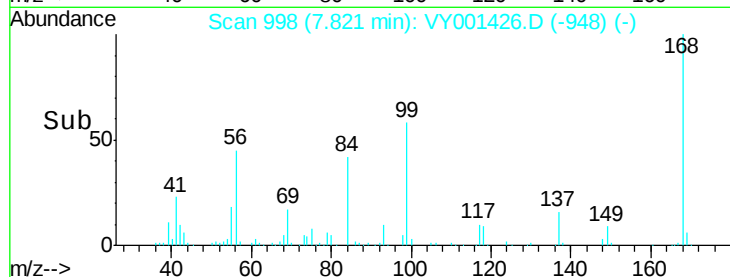
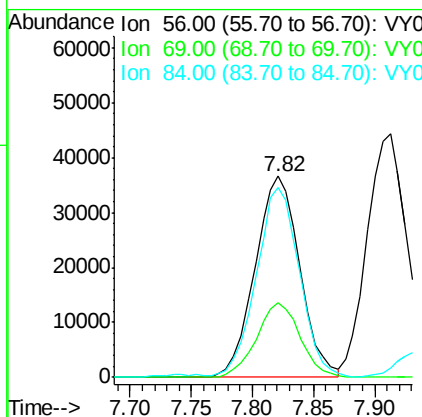
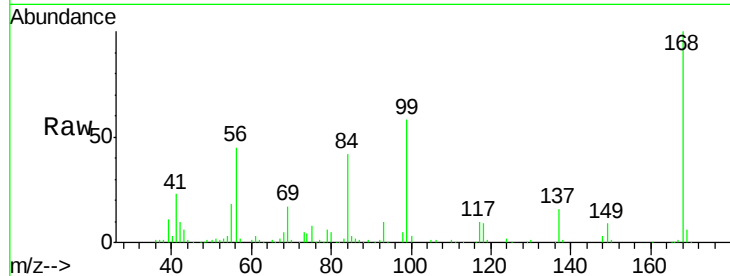
#31  
Cyclohexane  
Concen: 23.104 ug/l  
RT: 7.82 min Scan# 998  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 37.2  | 27.6  | 41.4  |
| 84      | 93.2  | 69.7  | 104.5 |

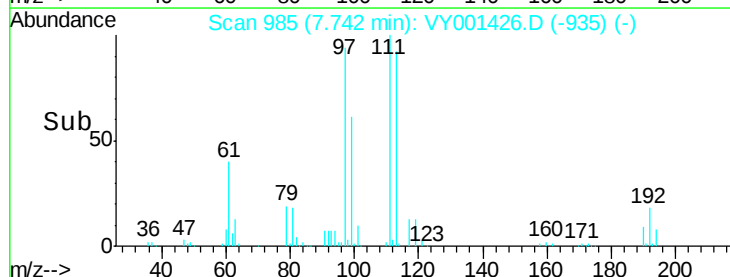
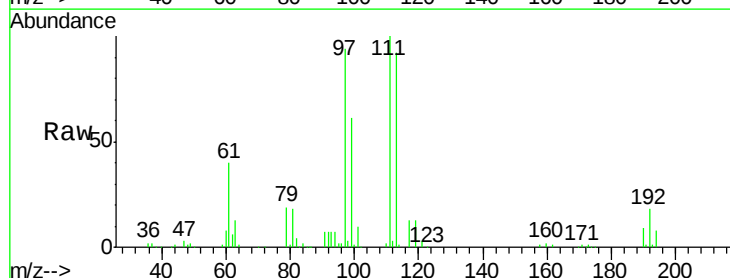
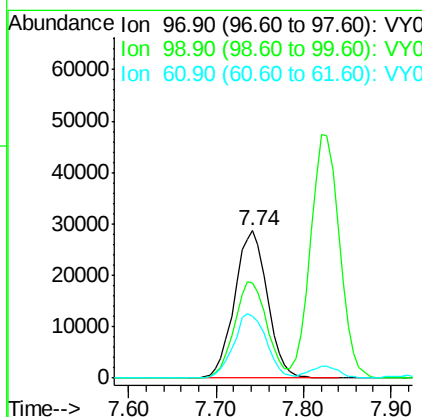
Manual Integrations  
APPROVED

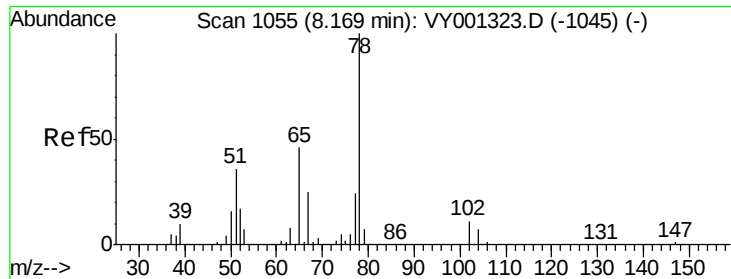
MMDadoda  
1/31/2020 4:26:12 PM



#32  
1,1,1-Trichloroethane  
Concen: 22.223 ug/l  
RT: 7.74 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.8  | 51.3  | 76.9  |
| 61      | 44.3  | 35.9  | 53.9  |





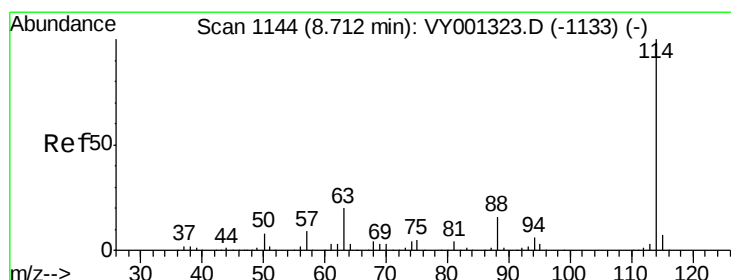
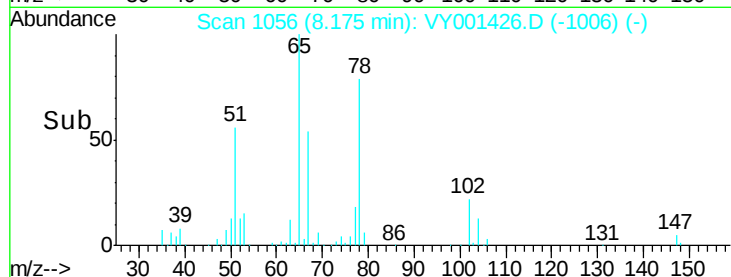
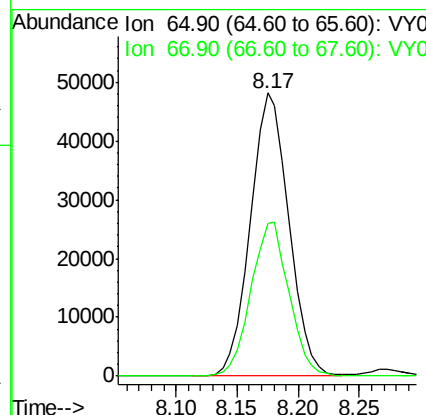
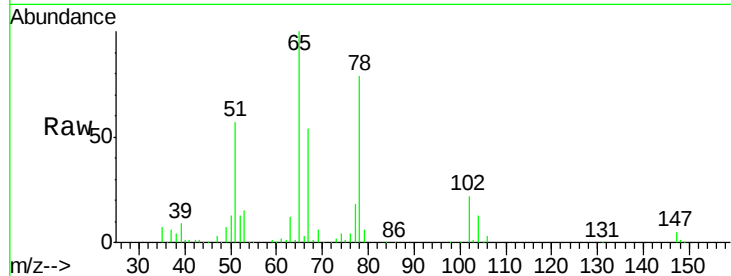
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.750 ug/l  
 RT: 8.17 min Scan# 1056  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 105651 |       |       |
| 67      | 53.7  | 0.0    | 108.6 |       |

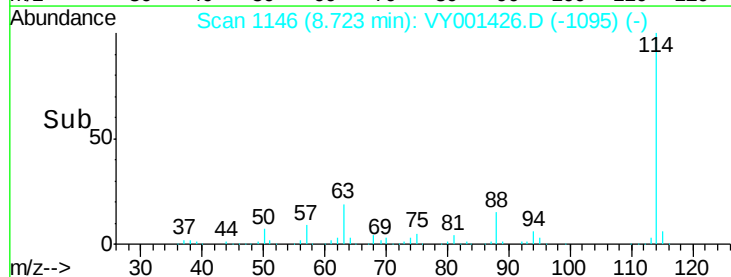
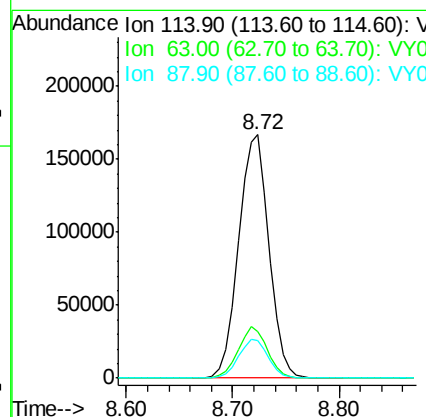
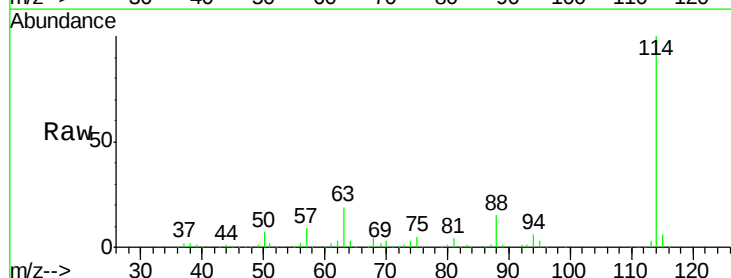
Manual Integrations  
 APPROVED

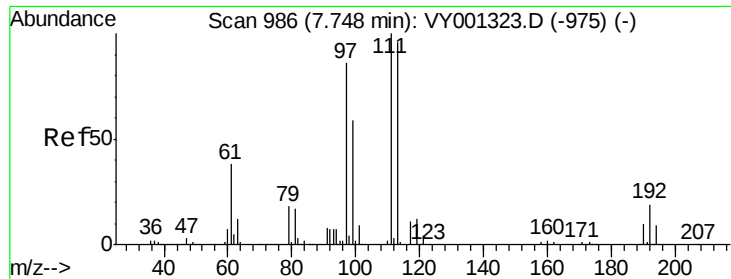
MMDadoda  
 1/31/2020 4:26:12 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.72 min Scan# 1146  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 332562 |       |       |
| 63      | 19.0  | 0.0    | 40.8  |       |
| 88      | 15.3  | 0.0    | 31.0  |       |





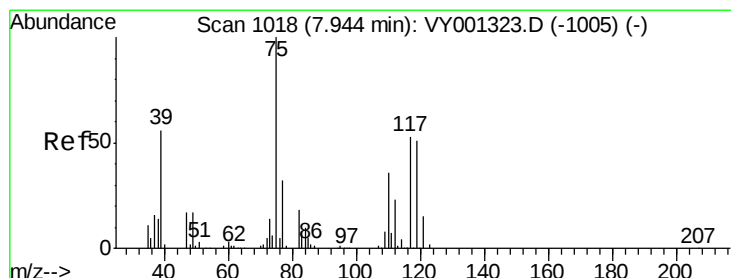
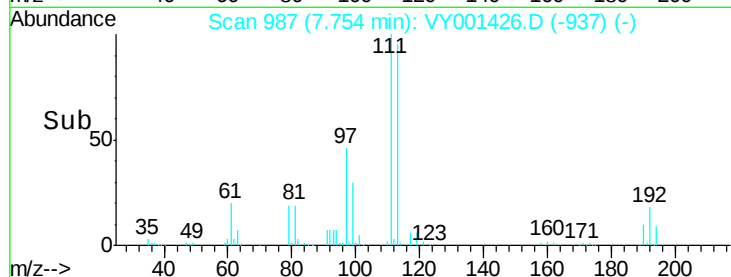
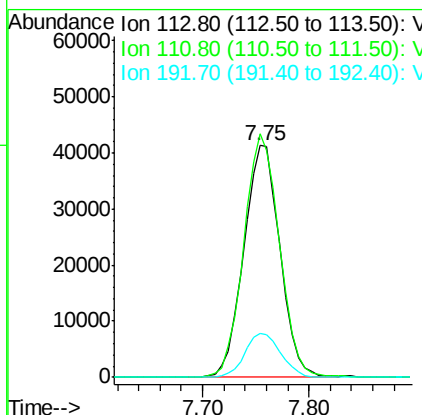
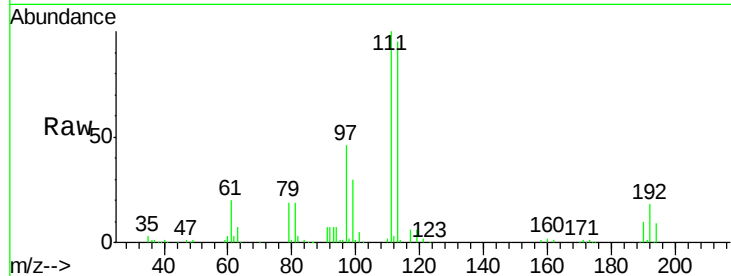
#35  
Dibromofluoromethane  
Concen: 50.533 ug/l  
RT: 7.75 min Scan# 987  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.5 | 82.8  | 124.2 |
| 192     | 19.0  | 15.5  | 23.3  |

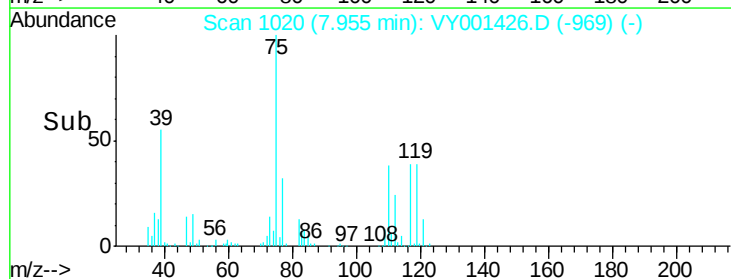
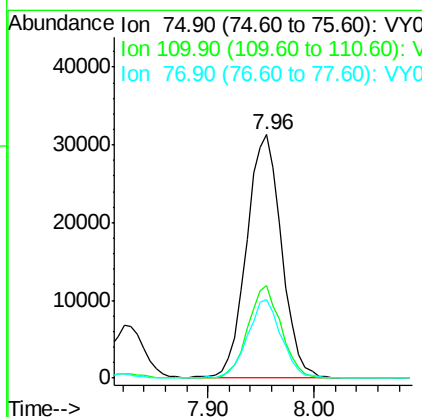
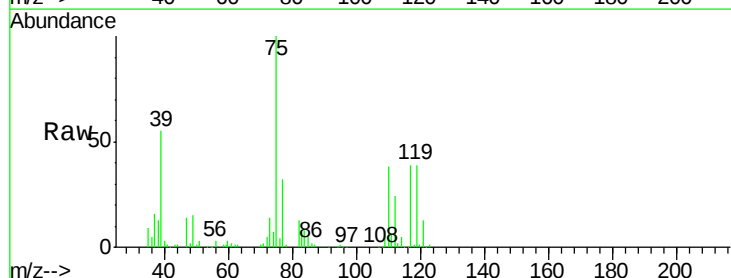
Manual Integrations  
APPROVED

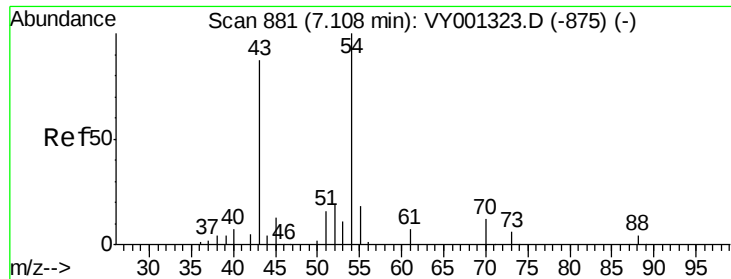
MMDadoda  
1/31/2020 4:26:12 PM



#36  
1,1-Dichloropropene  
Concen: 22.979 ug/l  
RT: 7.96 min Scan# 1020  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.8  | 17.6  | 52.8  |
| 77      | 31.3  | 24.7  | 37.1  |





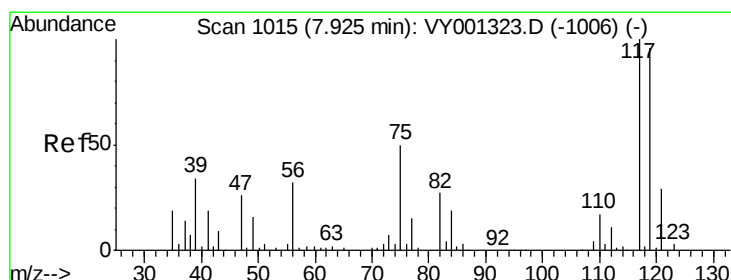
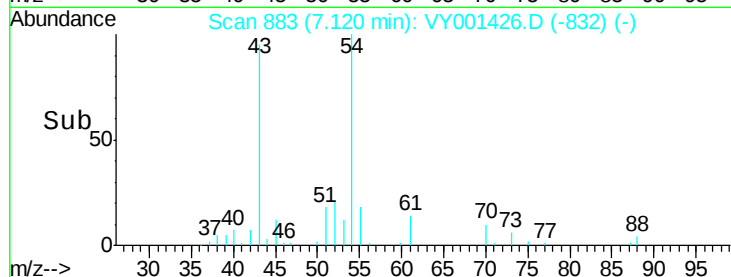
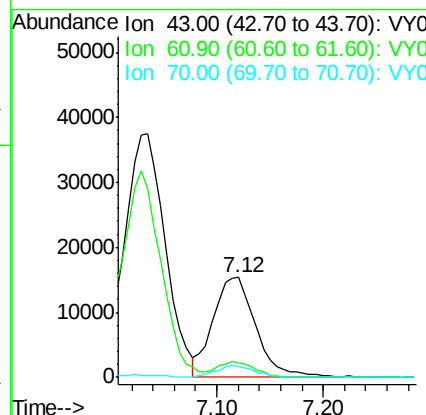
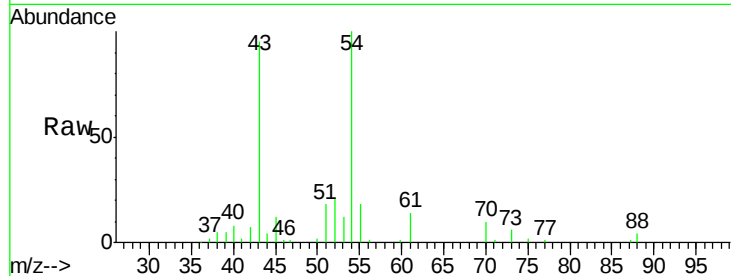
#37  
Ethyl Acetate  
Concen: 21.996 ug/l  
RT: 7.12 min Scan# 883  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.6  | 11.3  | 16.9  |
| 70      | 11.0  | 8.7   | 13.1  |

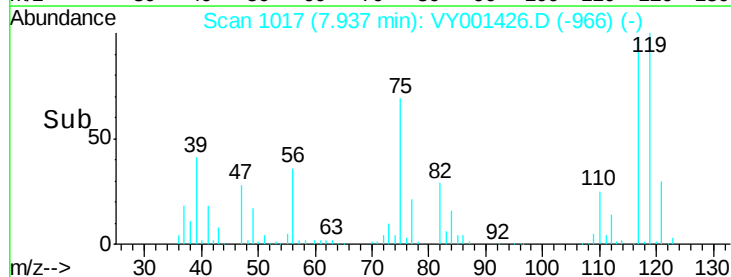
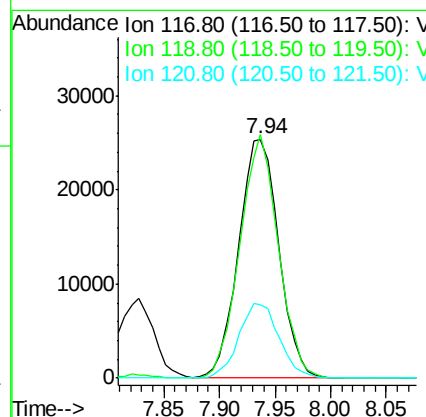
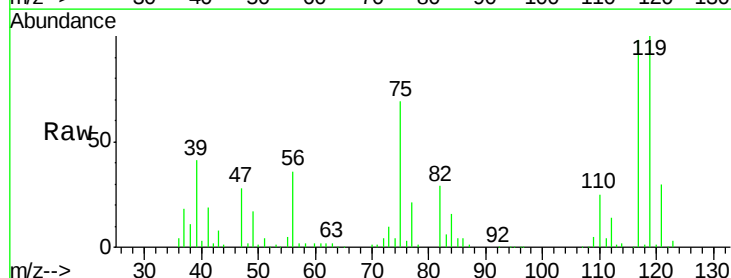
Manual Integrations  
APPROVED

MMDadoda  
1/31/2020 4:26:12 PM



#38  
Carbon Tetrachloride  
Concen: 22.727 ug/l  
RT: 7.94 min Scan# 1017  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 102.0 | 76.3  | 114.5 |
| 121     | 30.9  | 23.5  | 35.3  |





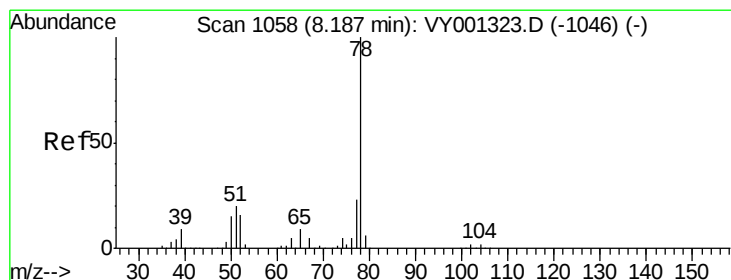
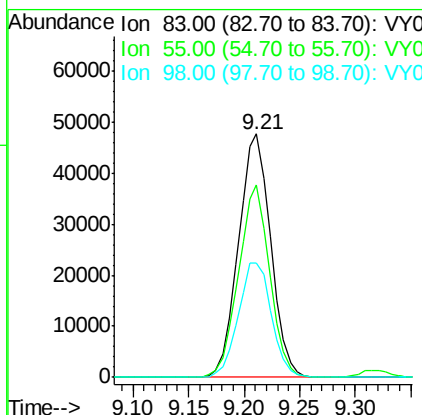
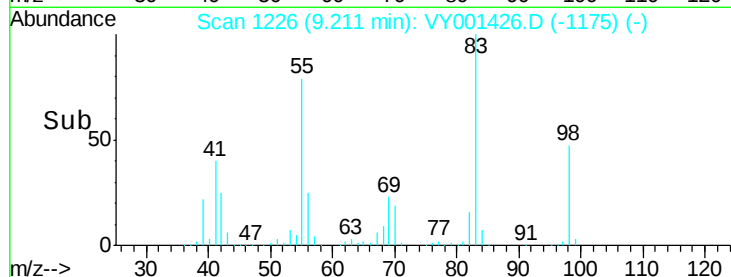
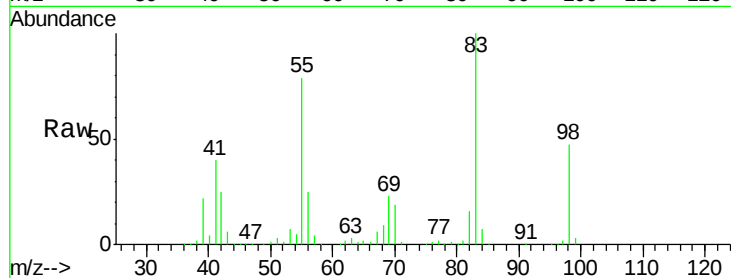
#39  
Methvlcvclohexane  
Concen: 23.785 ug/l  
RT: 9.21 min Scan# 1226  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 79.1  | 60.7  | 91.1  |
| 98      | 46.8  | 37.8  | 56.8  |

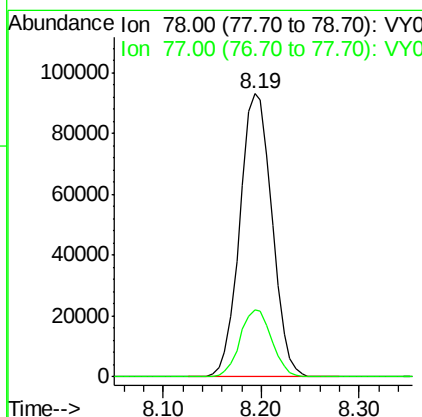
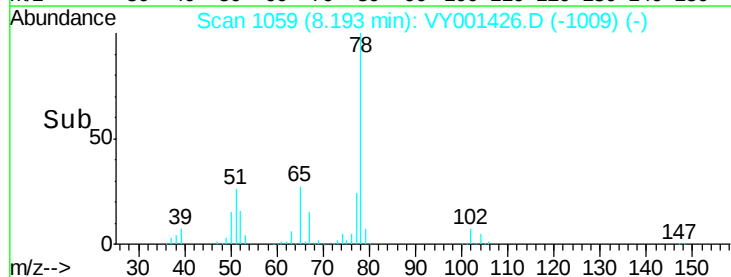
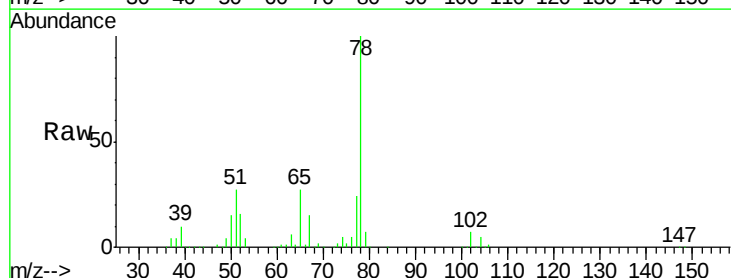
Manual Integrations  
APPROVED

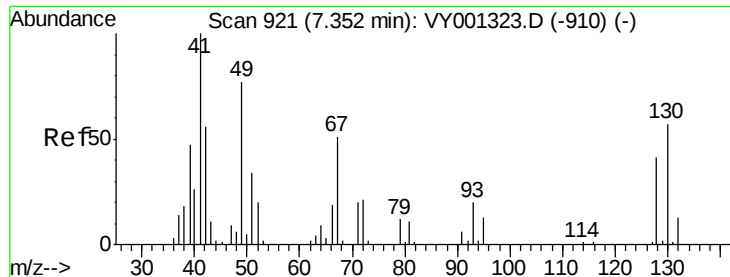
MMDadoda  
1/31/2020 4:26:12 PM



#40  
Benzene  
Concen: 22.593 ug/l  
RT: 8.19 min Scan# 1059  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 18.6  | 27.8  |





#41

Methacrylonitrile

Concen: 23.605 ug/l m

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion: 41 Resp: 23383

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

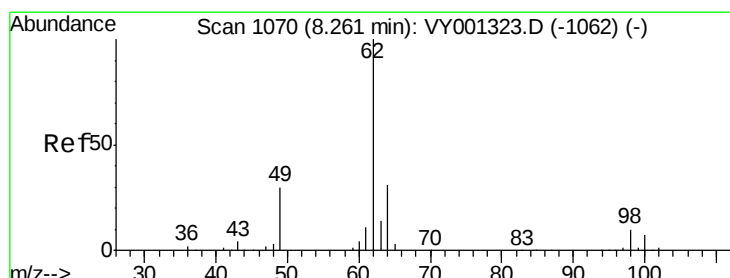
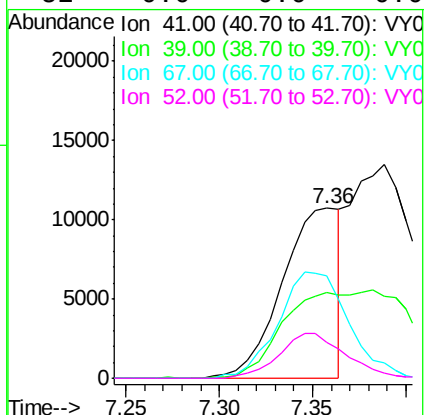
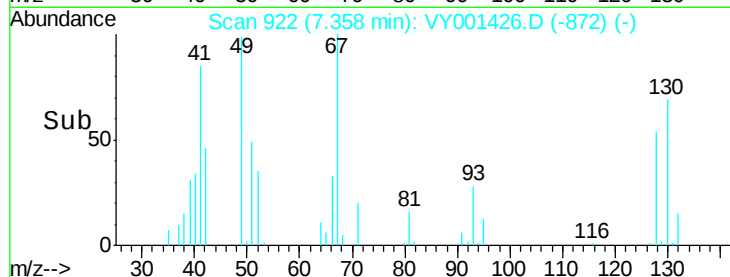
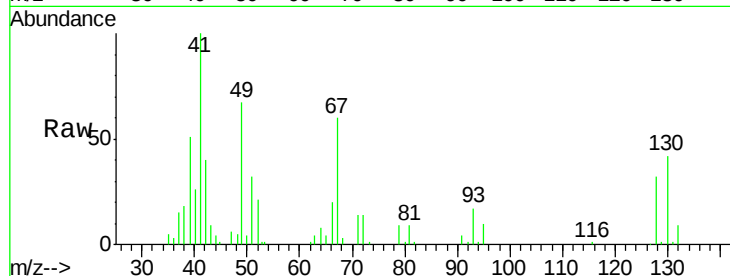
52 0.0 0.0 0.0

Manual Integrations

APPROVED

MMDadoda

1/31/2020 4:26:12 PM



#42

1,2-Dichloroethane

Concen: 22.141 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. 0.01 min

Lab File: VY001426.D

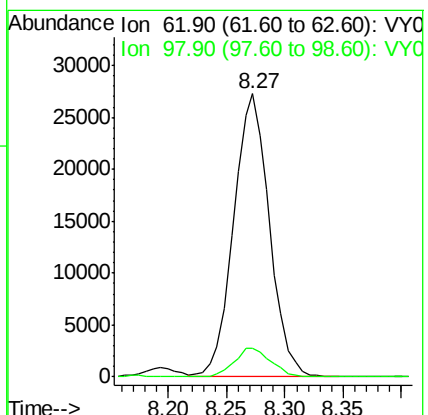
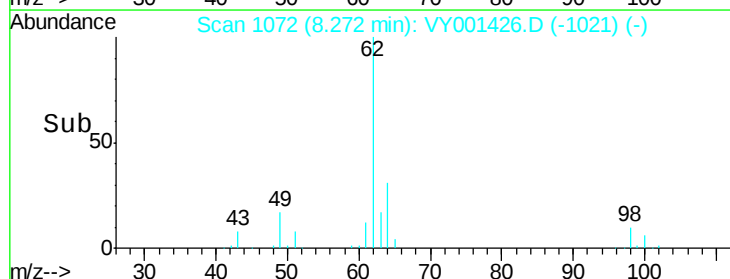
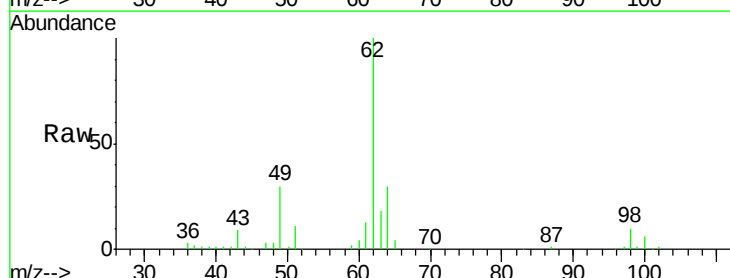
Acq: 30 Jan 2020 13:47

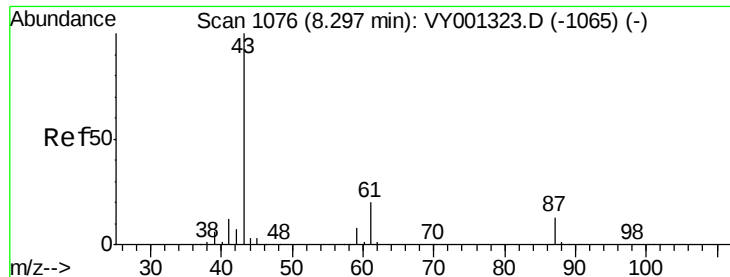
Tgt Ion: 62 Resp: 58283

Ion Ratio Lower Upper

62 100

98 10.4 0.0 20.8





#43

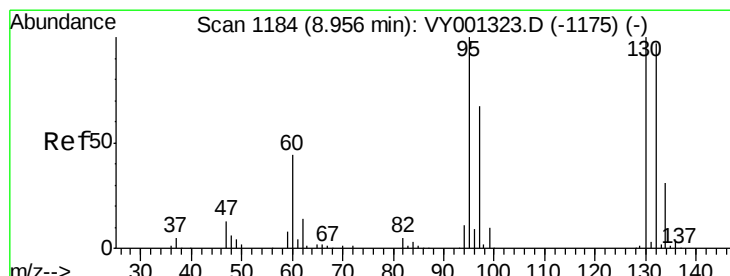
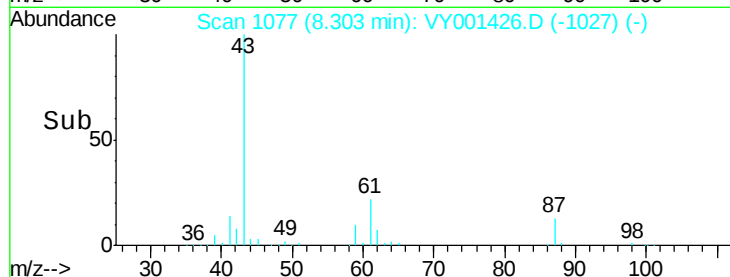
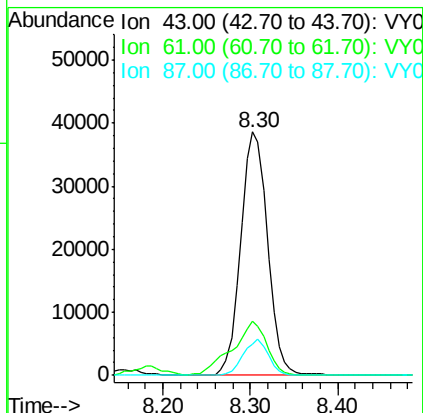
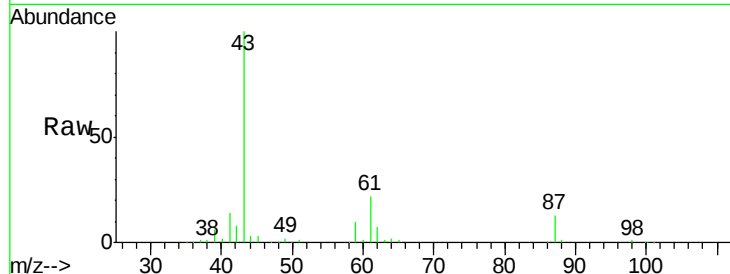
Isopropyl Acetate  
 Concen: 22.061 ug/l  
 RT: 8.30 min Scan# 1077  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | 43    | 61   | 87   |
|---------|-------|------|------|
| Resp    | 82347 |      |      |
| Ratio   | 100   | 28.7 | 13.7 |
| Lower   |       | 22.7 | 11.0 |
| Upper   |       | 34.1 | 16.4 |

Manual Integrations  
 APPROVED

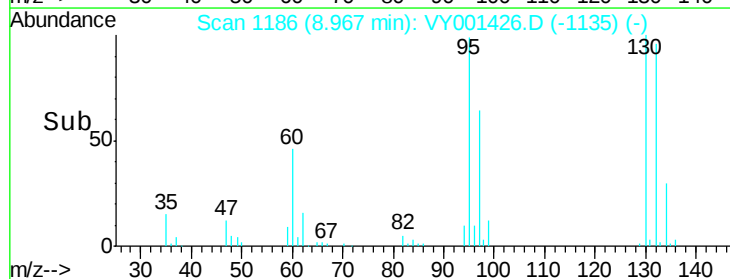
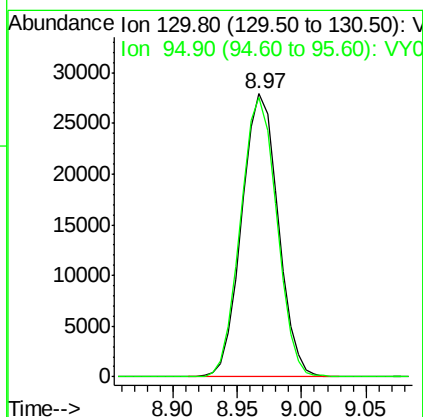
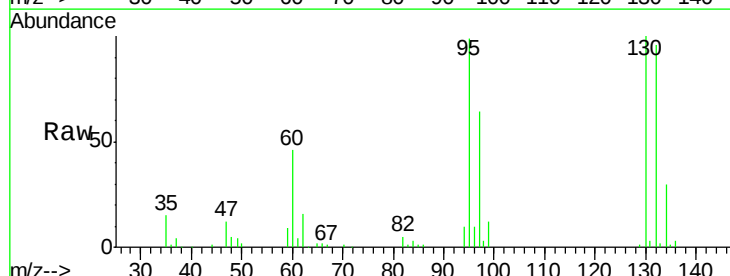
MMDadoda  
 1/31/2020 4:26:12 PM

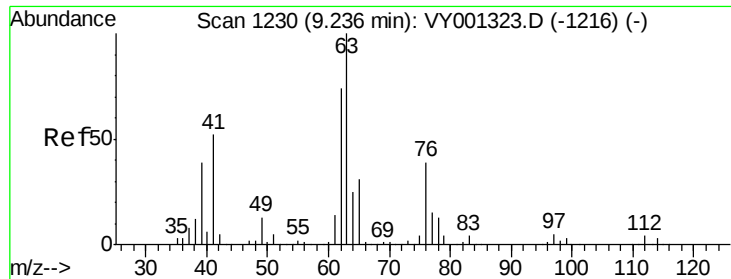


#44

Trichloroethene  
 Concen: 22.558 ug/l  
 RT: 8.97 min Scan# 1186  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | 130   | 95    |
|---------|-------|-------|
| Resp    | 54532 |       |
| Ratio   | 100   | 98.6  |
| Lower   |       | 0.0   |
| Upper   |       | 200.0 |





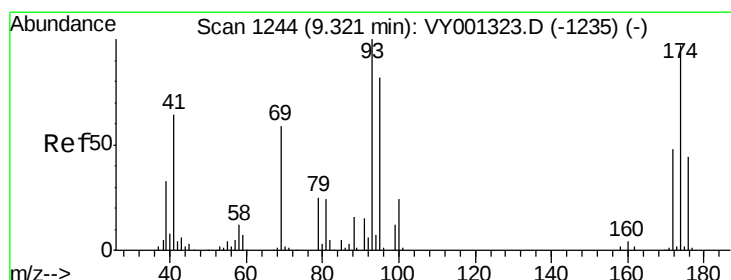
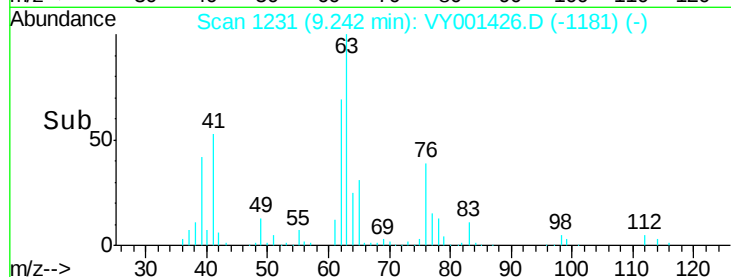
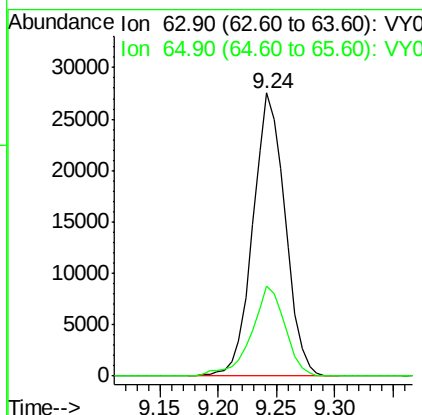
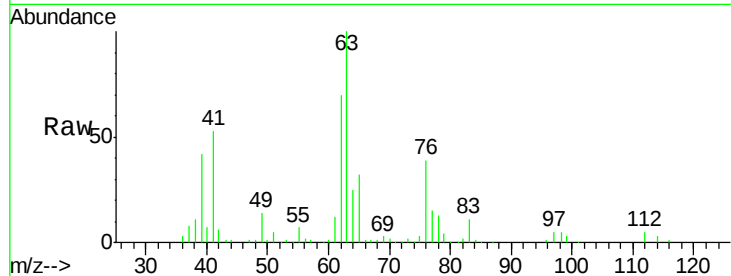
#45  
 1,2-Dichloropropane  
 Concen: 22.355 ug/l  
 RT: 9.24 min Scan# 1231  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

Tot Ion: 63 Resp: 53239  
 Ion Ratio Lower Upper  
 63 100  
 65 31.8 24.9 37.3

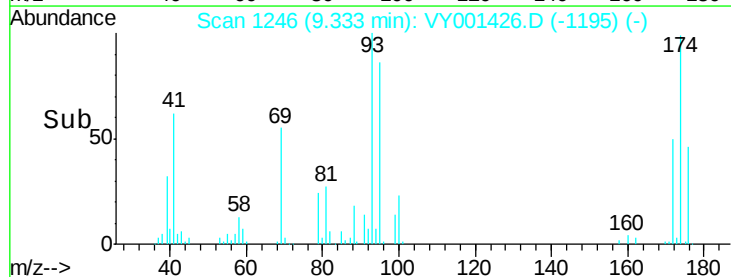
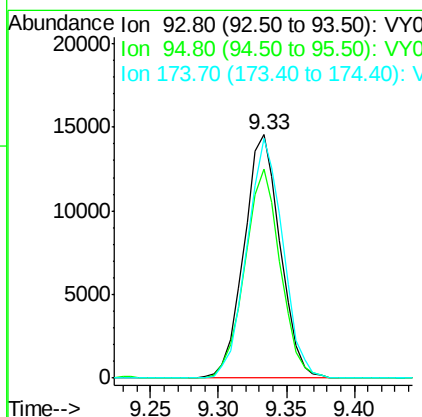
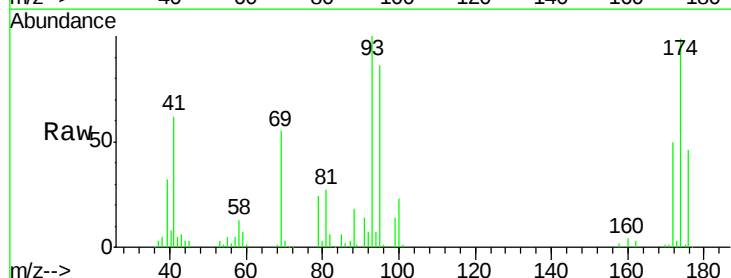
Manual Integrations  
 APPROVED

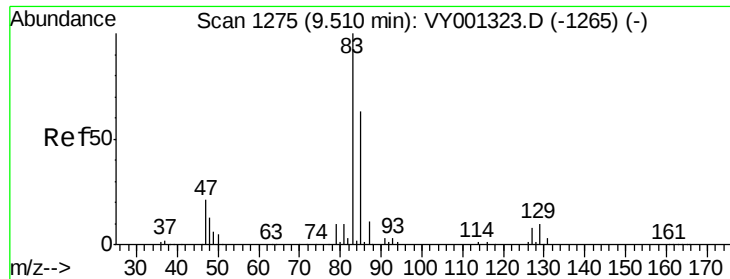
MMDadoda  
 1/31/2020 4:26:12 PM



#46  
 Dibromomethane  
 Concen: 21.187 ug/l  
 RT: 9.33 min Scan# 1246  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Tgt Ion: 93 Resp: 27088  
 Ion Ratio Lower Upper  
 93 100  
 95 84.6 66.5 99.7  
 174 97.8 77.9 116.9





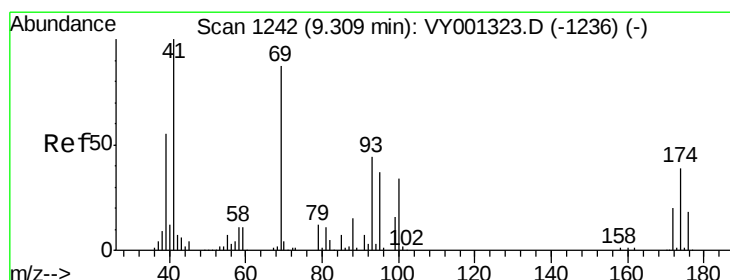
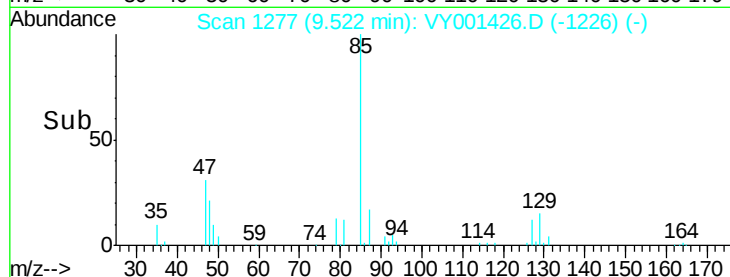
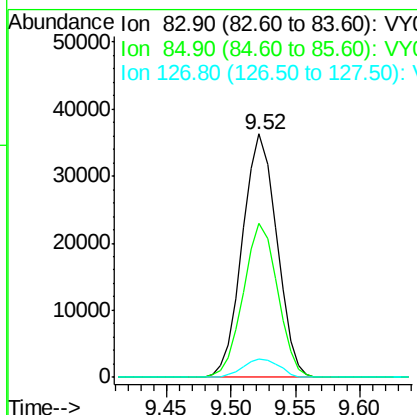
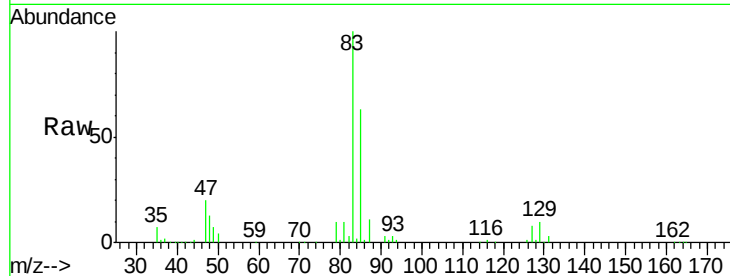
#47  
Bromodichloromethane  
Concen: 21.997 ug/l  
RT: 9.52 min Scan# 1277  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion   | 83   | Resp  | 67230 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 63.5 | 50.2  | 75.2  |
| 127       | 7.7  | 6.4   | 9.6   |

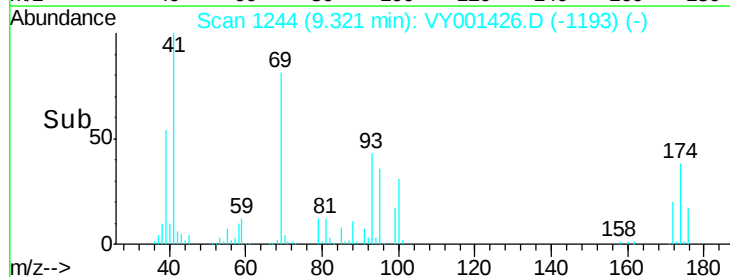
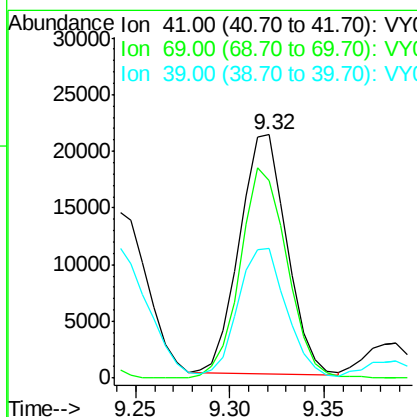
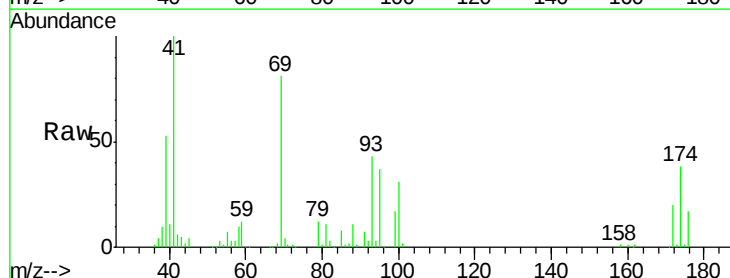
Manual Integrations  
APPROVED

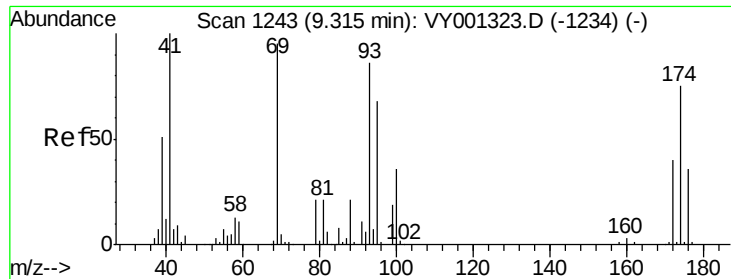
MMDadoda  
1/31/2020 4:26:12 PM



#48  
Methyl methacrylate  
Concen: 21.635 ug/l  
RT: 9.32 min Scan# 1244  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion   | 41   | Resp  | 36712 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 87.6 | 70.2  | 105.4 |
| 39        | 56.2 | 45.7  | 68.5  |





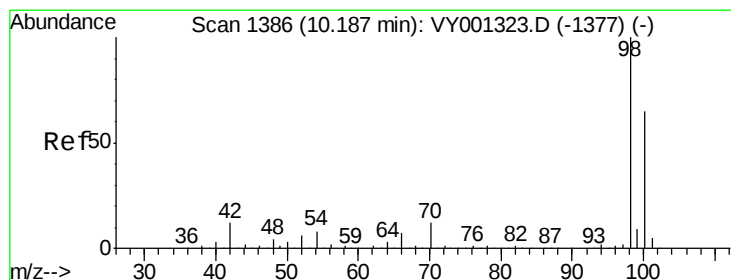
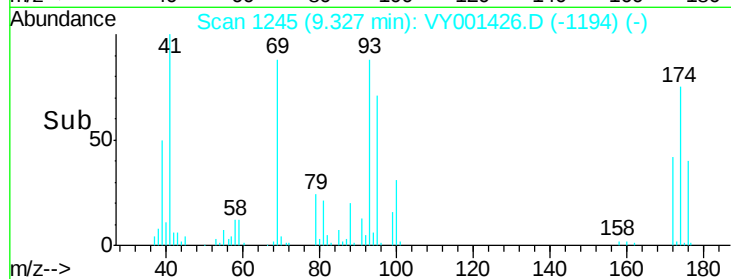
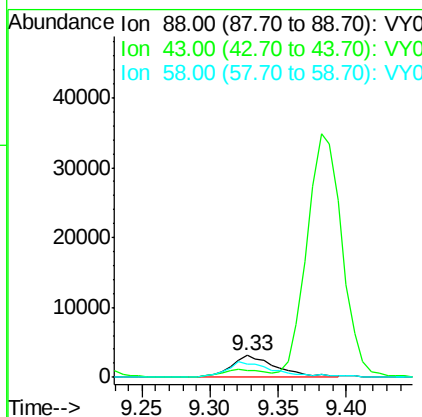
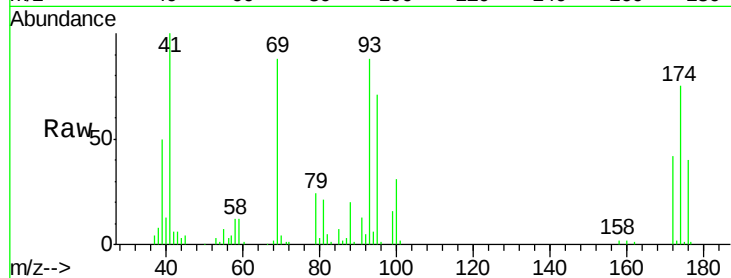
#49  
 1,4-Dioxane  
 Concen: 405.667 ug/l  
 RT: 9.33 min Scan# 1245  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.6  | 28.2  | 42.2  |
| 58      | 76.3  | 55.6  | 83.4  |

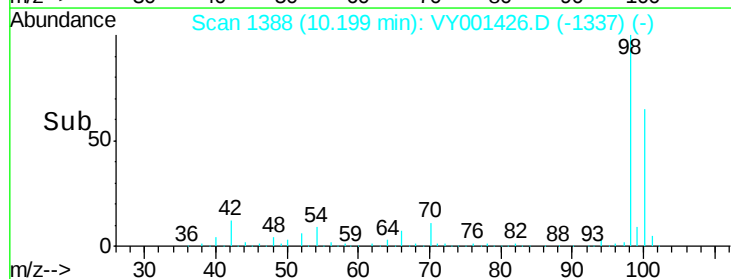
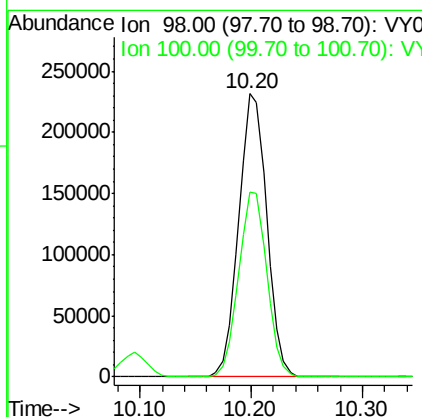
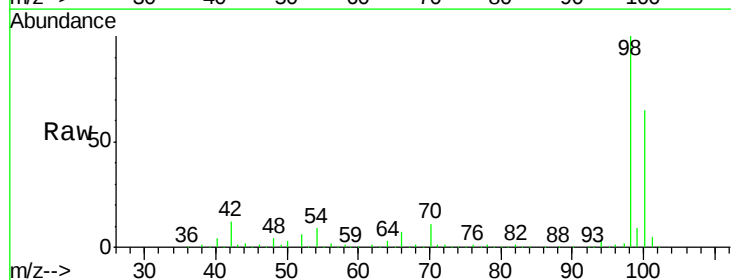
Manual Integrations  
 APPROVED

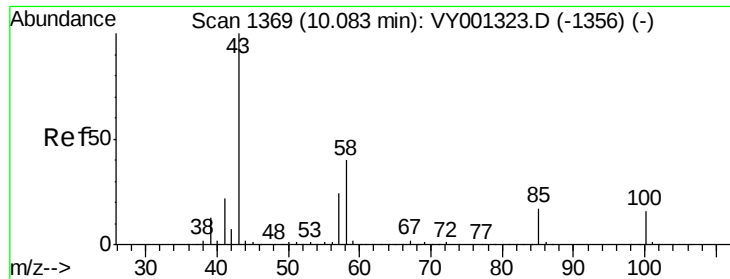
MMDadoda  
 1/31/2020 4:26:12 PM



#50  
 Toluene-d8  
 Concen: 53.312 ug/l  
 RT: 10.20 min Scan# 1388  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.7  | 52.6  | 79.0  |





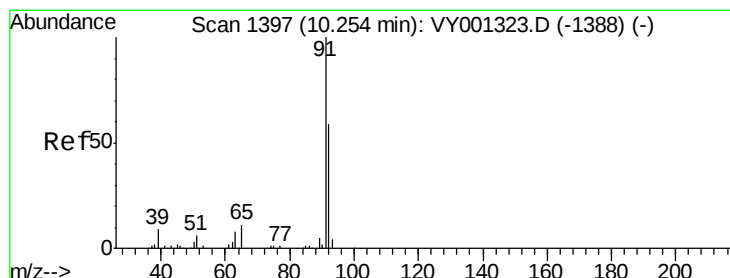
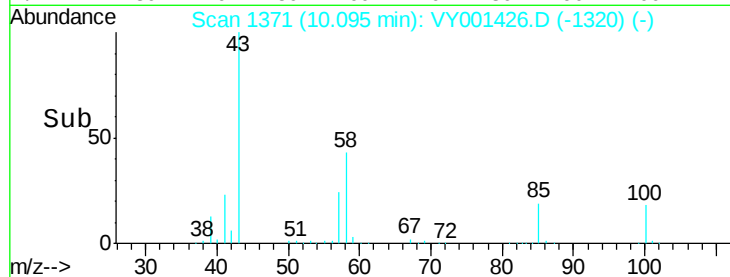
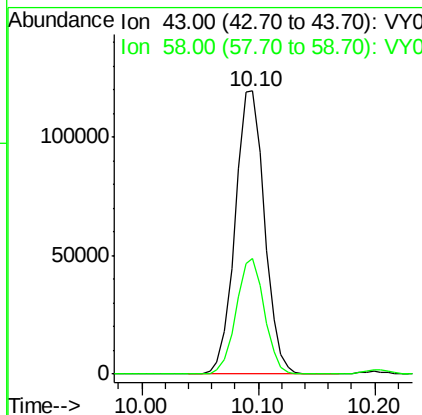
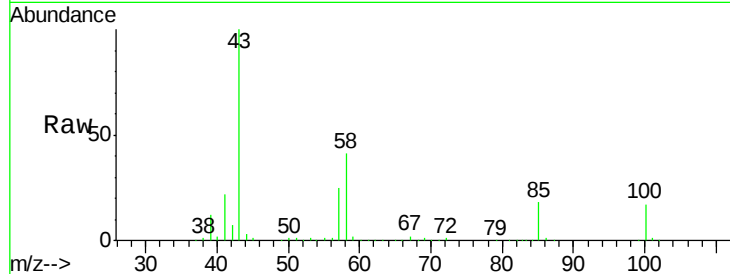
#51  
4-Methyl-2-Pentanone  
Concen: 109.411 ug/l  
RT: 10.10 min Scan# 1371  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.5  | 31.5  | 47.3  |

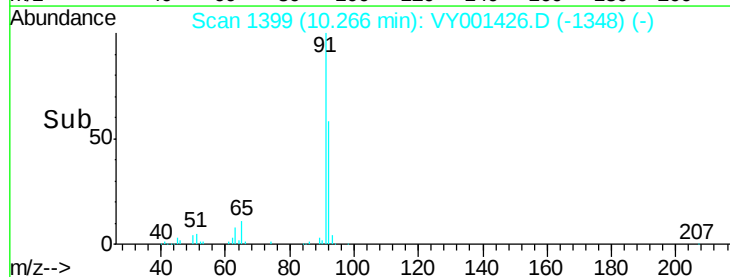
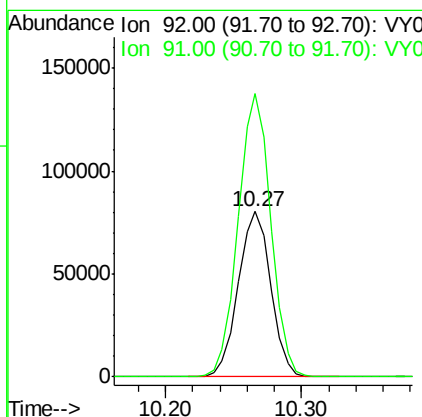
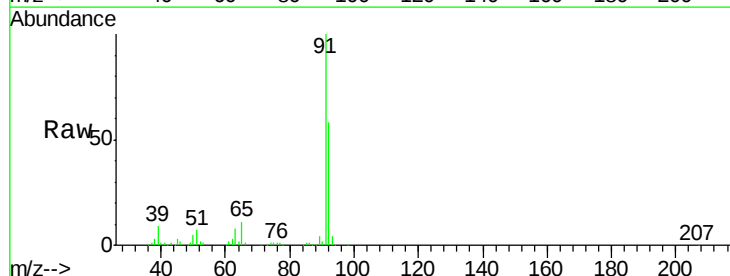
Manual Integrations  
APPROVED

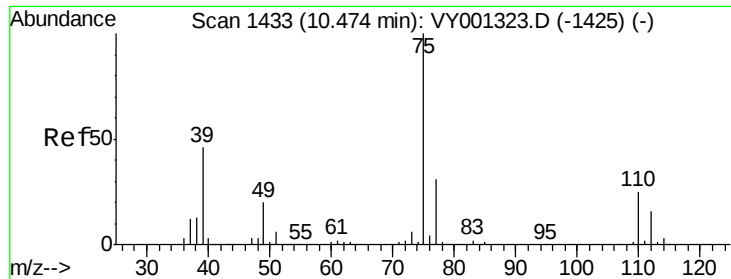
MMDadoda  
1/31/2020 4:26:12 PM



#52  
Toluene  
Concen: 22.458 ug/l  
RT: 10.27 min Scan# 1399  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 171.4 | 136.4 | 204.6 |





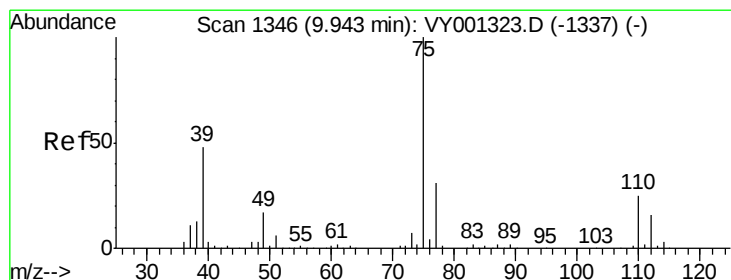
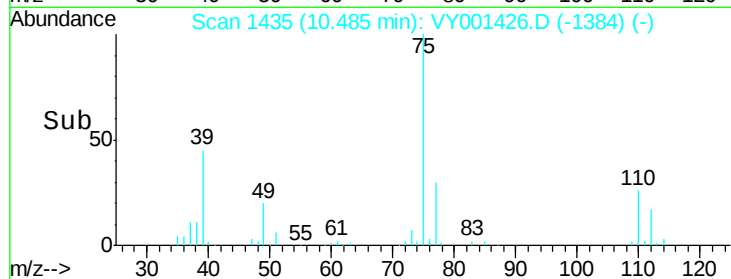
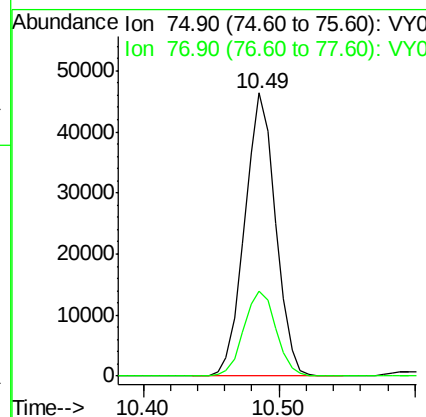
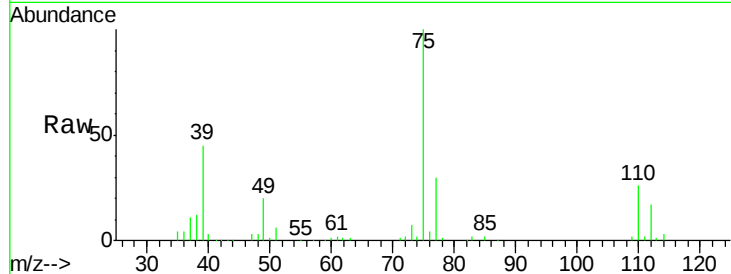
#53  
t-1,3-Dichloropropene  
Concen: 21.747 ug/l  
RT: 10.49 min Scan# 1435  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

Tot Ion: 75 Resp: 73671  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.2 37.8

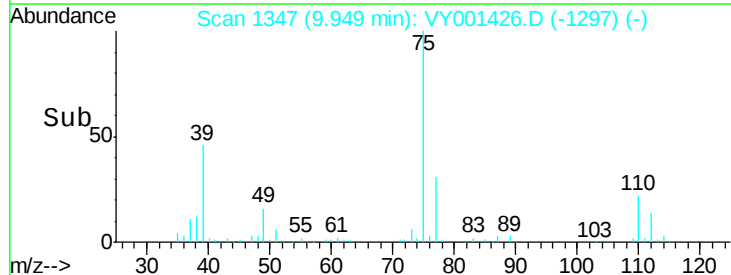
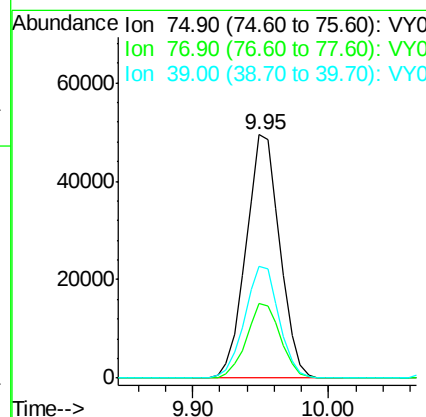
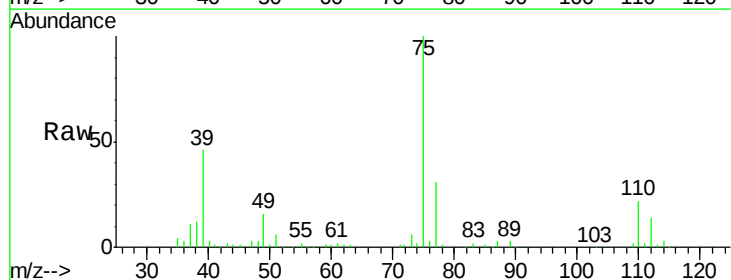
Manual Integrations  
APPROVED

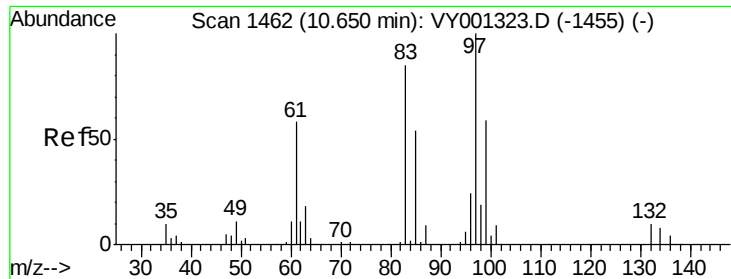
MMDadoda  
1/31/2020 4:26:12 PM



#54  
cis-1,3-Dichloropropene  
Concen: 22.142 ug/l  
RT: 9.95 min Scan# 1347  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Tgt Ion: 75 Resp: 86095  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.0 37.6  
39 46.1 38.2 57.4





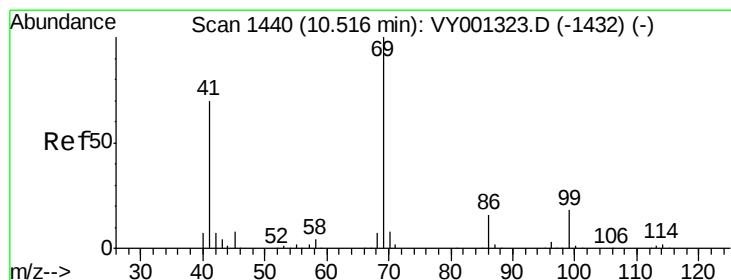
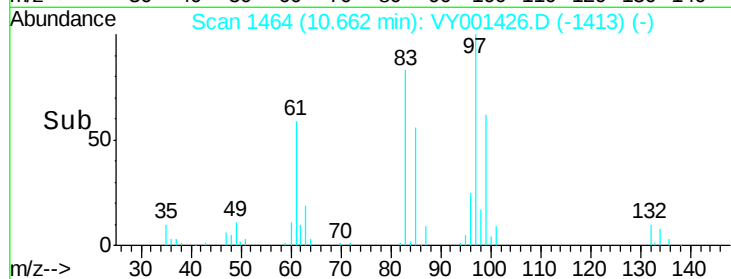
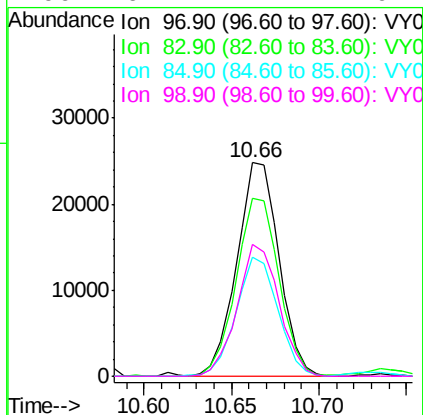
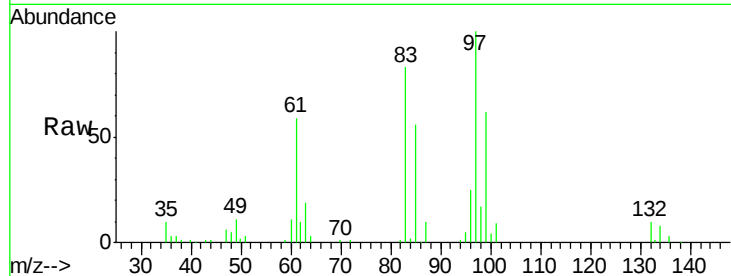
#55  
 1,1,2-Trichloroethane  
 Concen: 22.161 ug/l  
 RT: 10.66 min Scan# 1464  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 41819 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.1  | 68.0  | 102.0 |
| 85       | 55.2  | 43.6  | 65.4  |
| 99       | 61.7  | 47.1  | 70.7  |

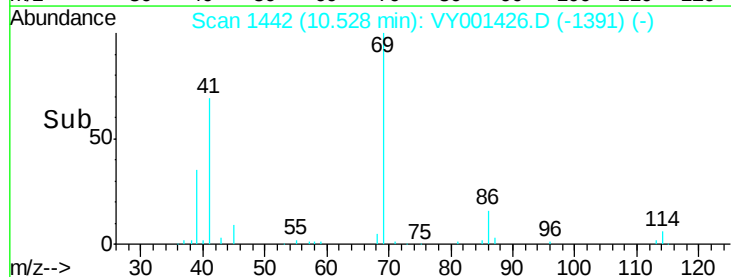
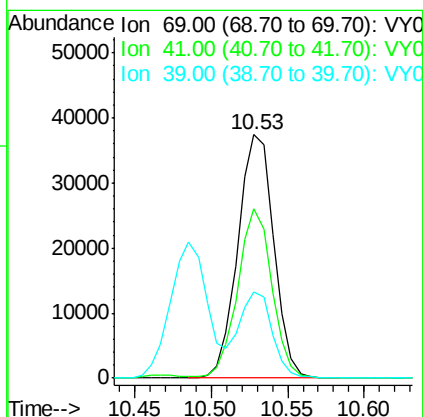
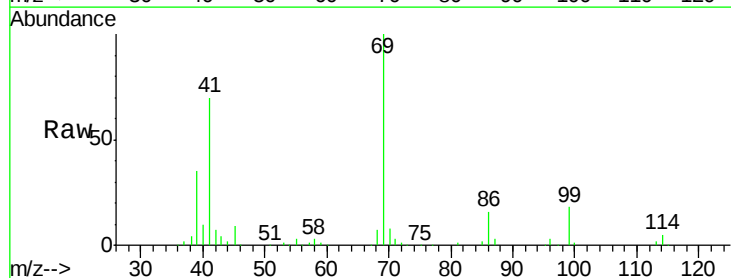
Manual Integrations  
 APPROVED

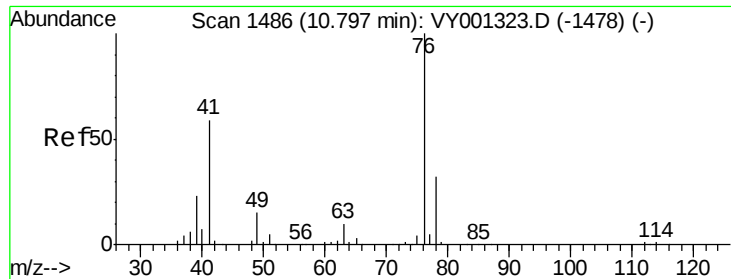
MMDadoda  
 1/31/2020 4:26:12 PM



#56  
 Ethyl methacrylate  
 Concen: 21.379 ug/l  
 RT: 10.53 min Scan# 1442  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 60977 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.8  | 54.1  | 81.1  |
| 39       | 32.4  | 26.8  | 40.2  |





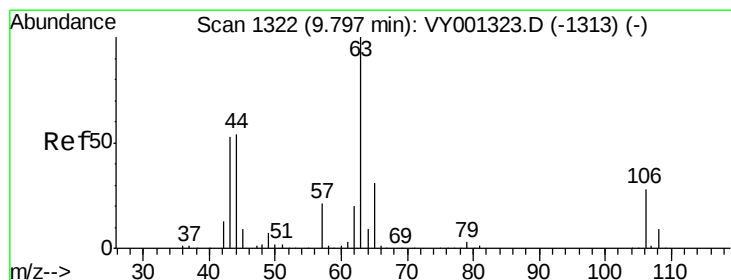
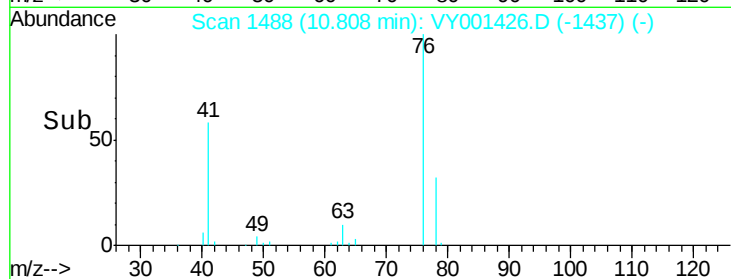
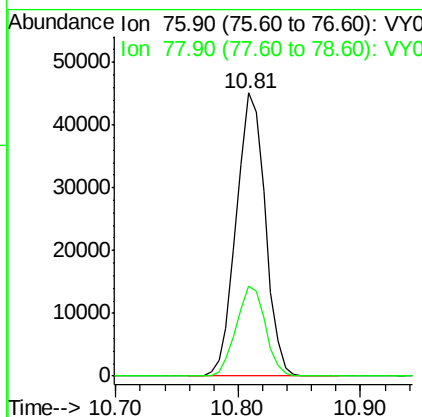
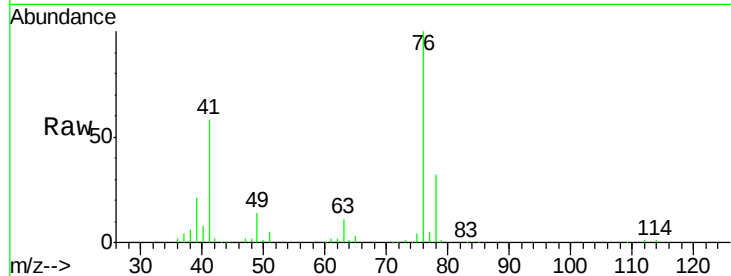
#57  
 1,3-Dichloropropane  
 Concen: 22.471 ug/l  
 RT: 10.81 min Scan# 1488  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.8  | 25.8  | 38.8  |

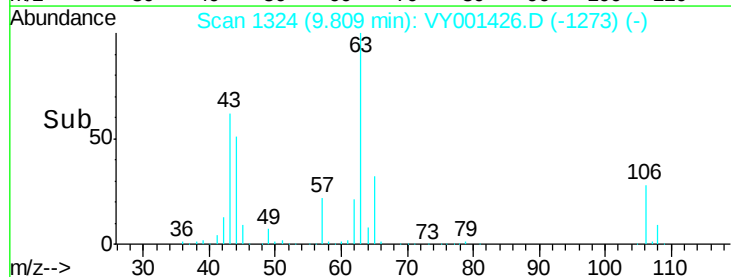
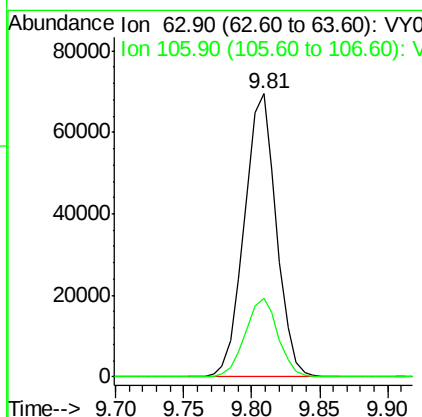
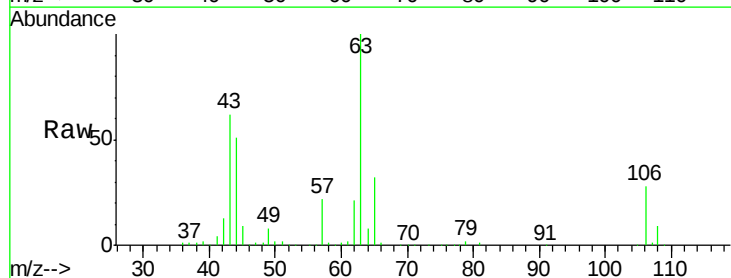
Manual Integrations  
 APPROVED

MMDadoda  
 1/31/2020 4:26:12 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 116.062 ug/l  
 RT: 9.81 min Scan# 1324  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.3  | 22.5  | 33.7  |





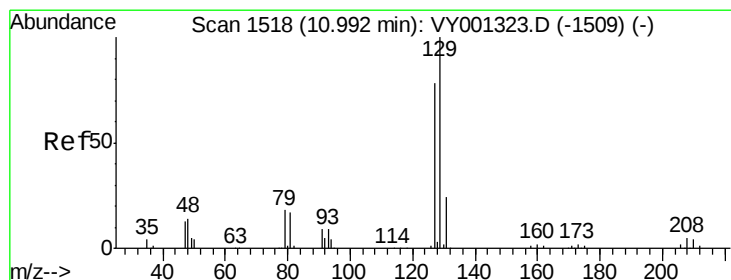
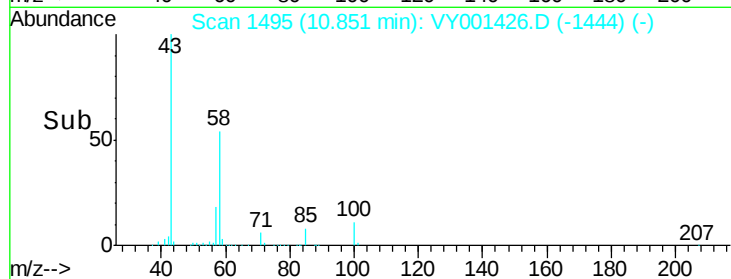
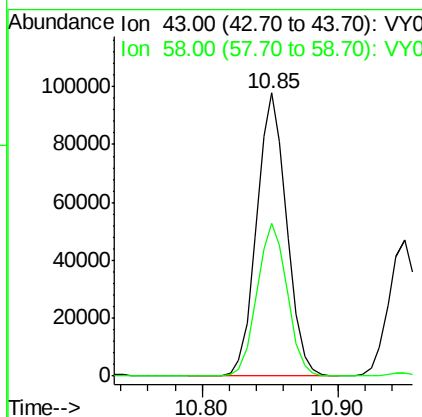
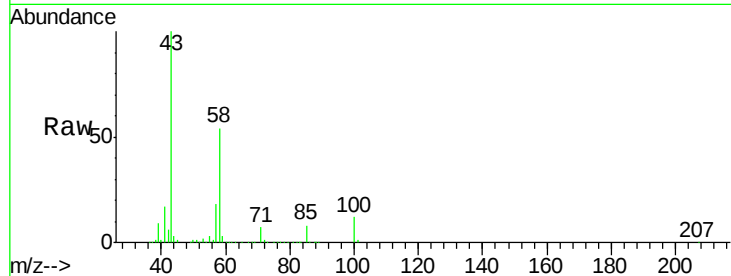
#59  
2-Hexanone  
Concen: 113.335 ug/l  
RT: 10.85 min Scan# 1495  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

Tot Ion: 43 Resp: 151666  
Ion Ratio Lower Upper  
43 100  
58 54.4 27.6 82.8

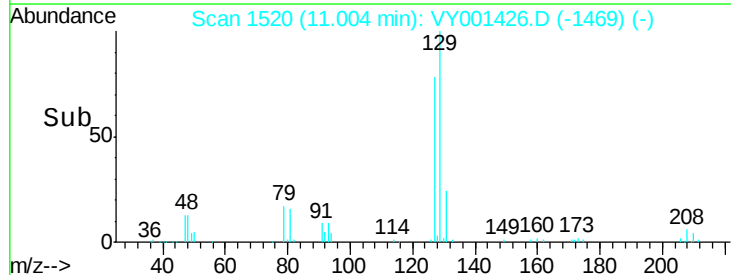
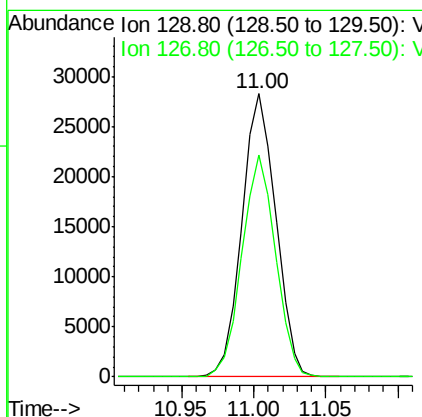
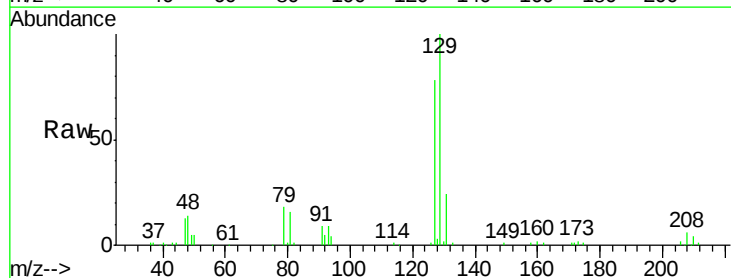
Manual Integrations  
APPROVED

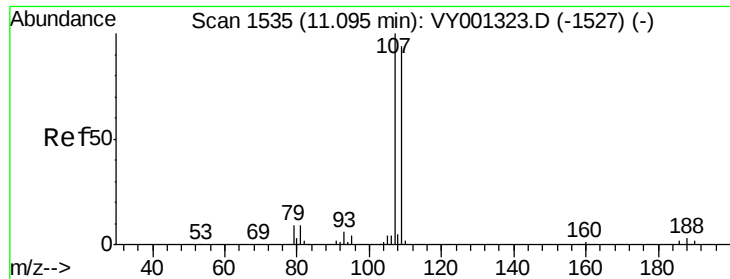
MMDadoda  
1/31/2020 4:26:12 PM



#60  
Dibromochloromethane  
Concen: 21.811 ug/l  
RT: 11.00 min Scan# 1520  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Tgt Ion: 129 Resp: 46033  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.8 116.4





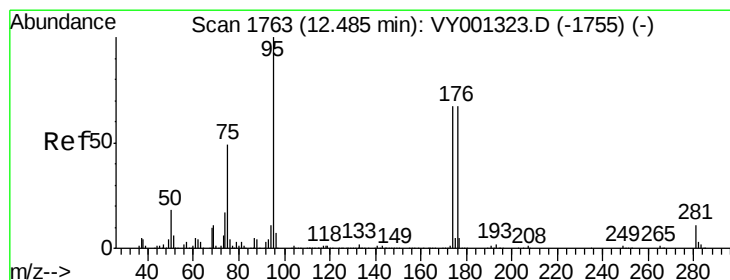
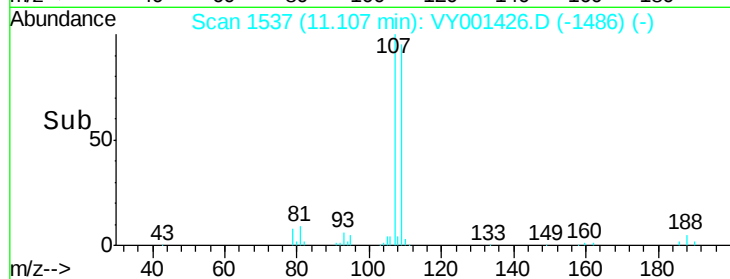
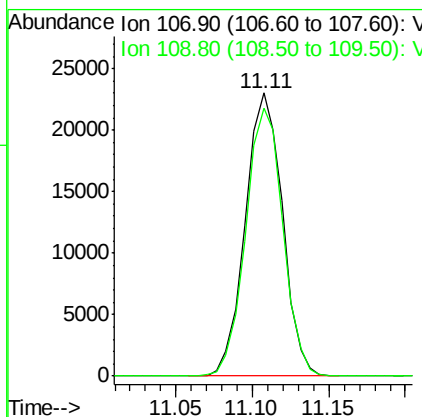
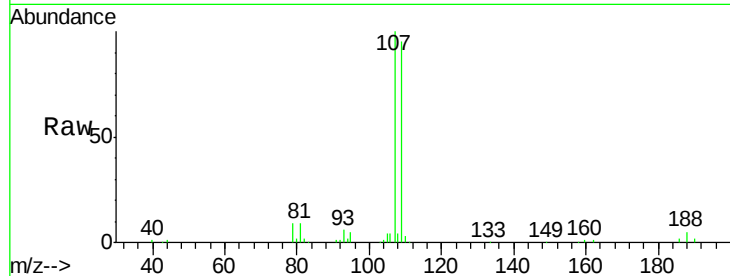
#61  
 1,2-Dibromoethane  
 Concen: 21.828 ug/l  
 RT: 11.11 min Scan# 1537  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.7  | 75.0  | 112.6 |

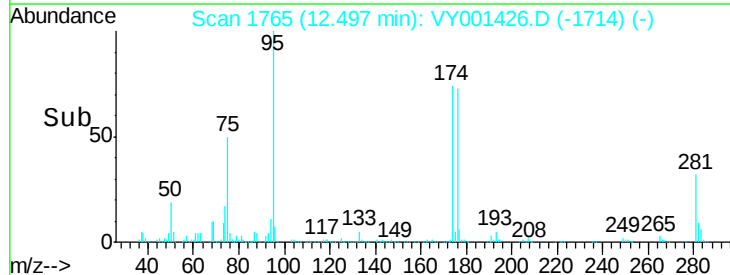
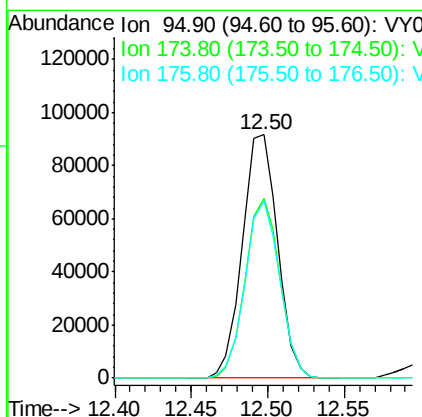
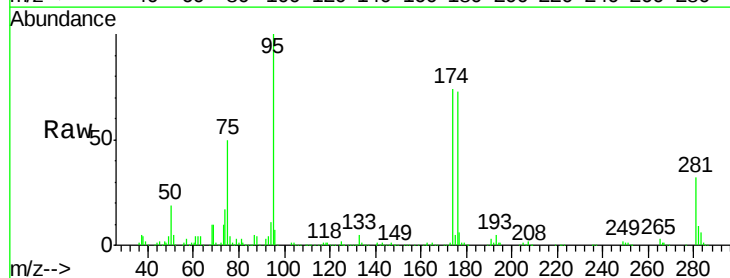
Manual Integrations  
 APPROVED

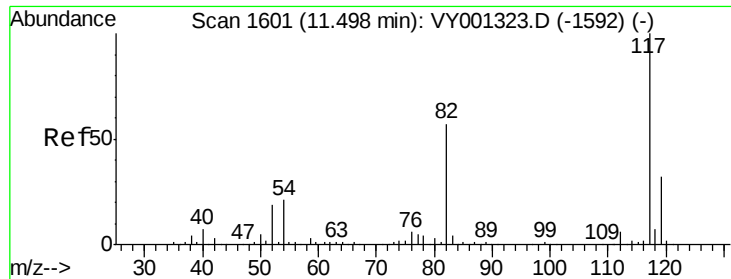
MMDadoda  
 1/31/2020 4:26:12 PM



#62  
 4-Bromofluorobenzene  
 Concen: 48.627 ug/l  
 RT: 12.50 min Scan# 1765  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 72.5  | 0.0   | 142.0 |
| 176     | 71.4  | 0.0   | 138.6 |





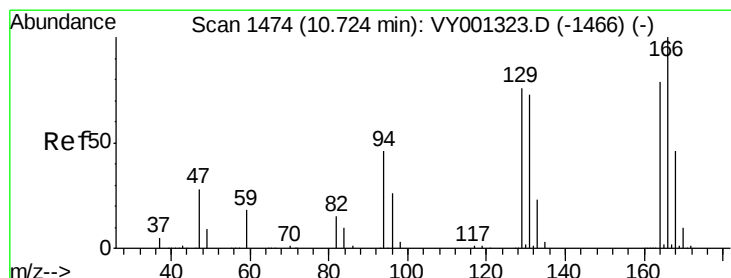
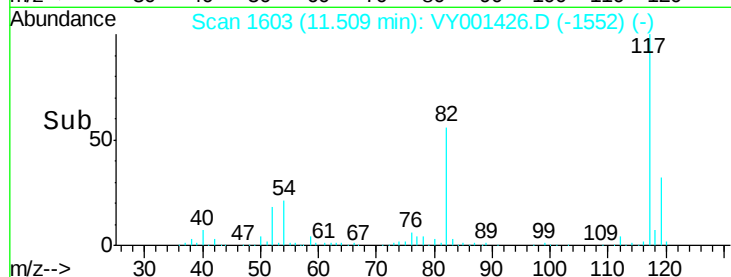
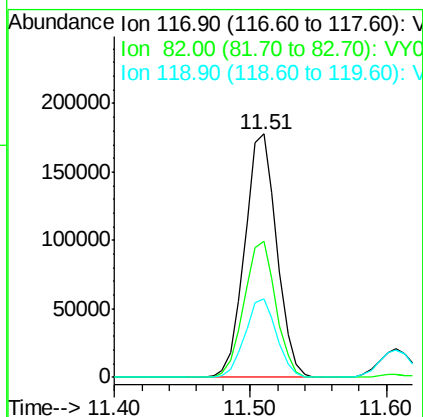
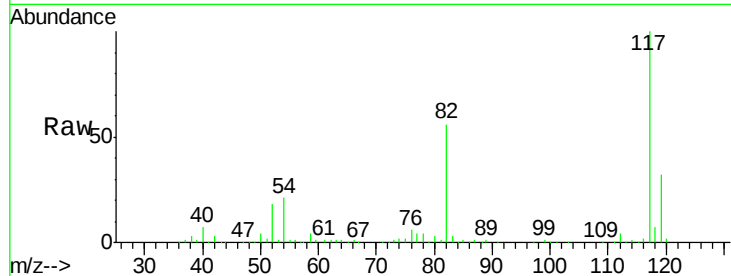
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.51 min Scan# 1603  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.8  | 45.5  | 68.3  |
| 119     | 32.2  | 25.8  | 38.6  |

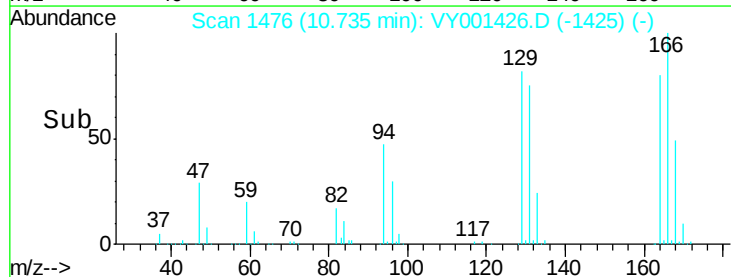
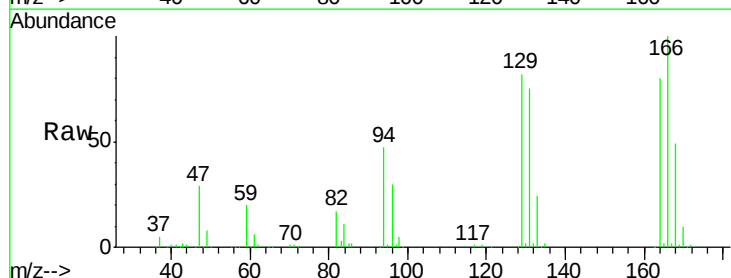
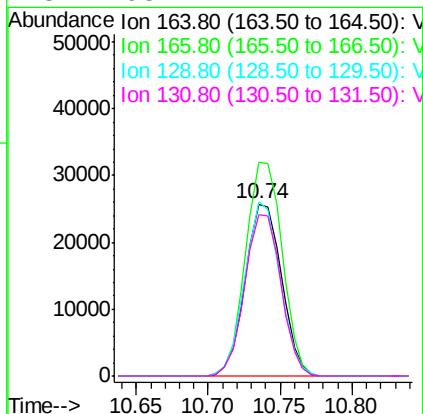
Manual Integrations  
APPROVED

MMDadoda  
1/31/2020 4:26:12 PM



#64  
Tetrachloroethene  
Concen: 24.098 ug/l  
RT: 10.74 min Scan# 1476  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 124.5 | 101.8 | 152.8 |
| 129     | 101.6 | 77.1  | 115.7 |
| 131     | 93.7  | 74.2  | 111.2 |





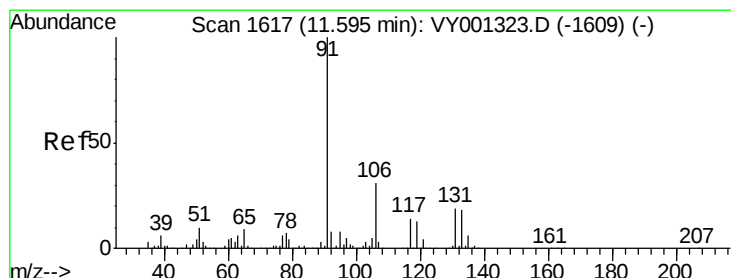
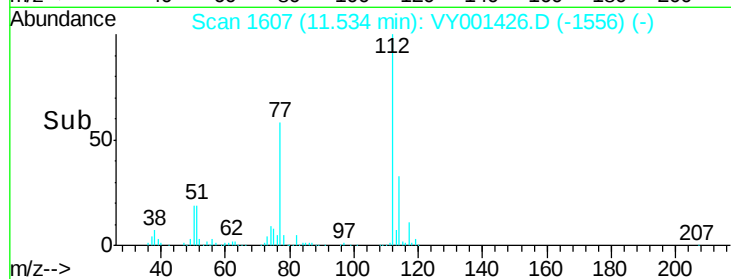
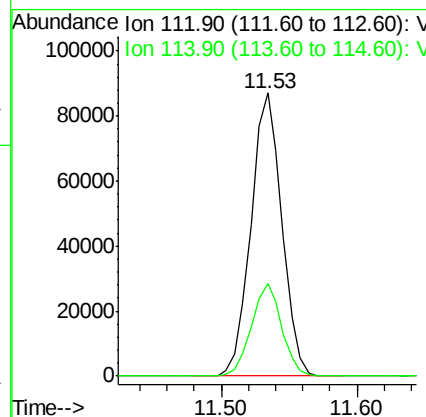
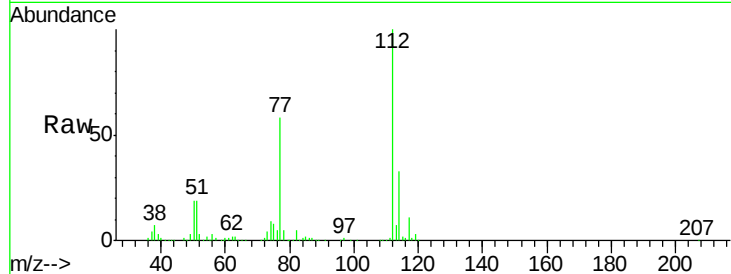
#65  
Chlorobenzene  
Concen: 22.503 ug/l  
RT: 11.53 min Scan# 1607  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 138328 |       |       |
| 114     | 32.5  | 25.8   | 38.6  |       |

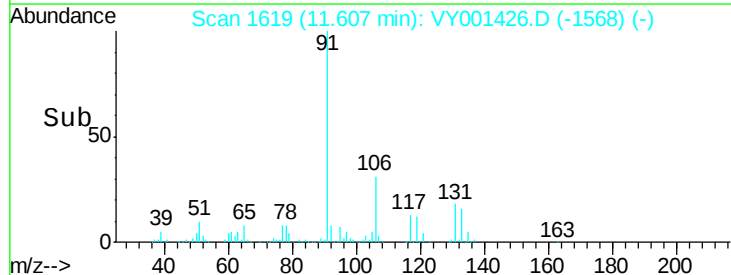
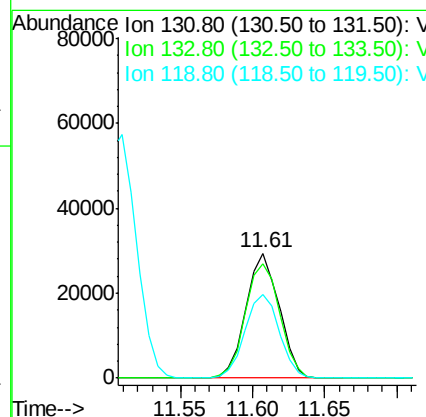
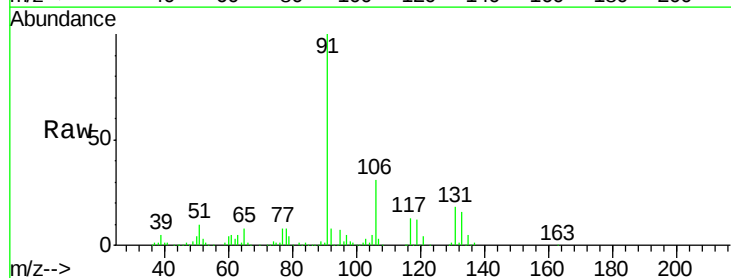
Manual Integrations  
APPROVED

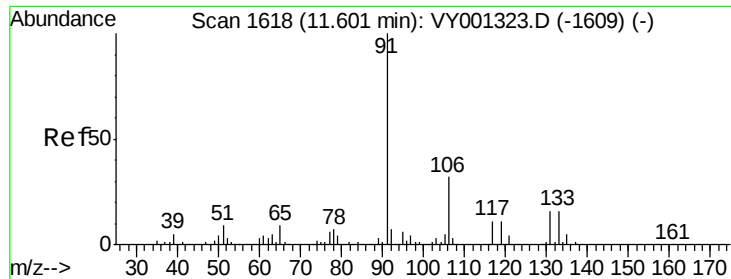
MMDadoda  
1/31/2020 4:26:12 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.429 ug/l  
RT: 11.61 min Scan# 1619  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 47051 |       |       |
| 133     | 95.0  | 47.1  | 141.3 |       |
| 119     | 68.9  | 34.1  | 102.2 |       |





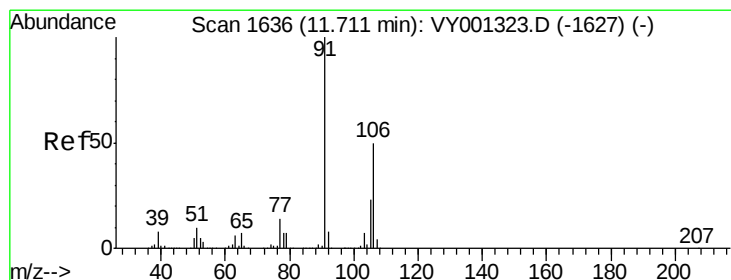
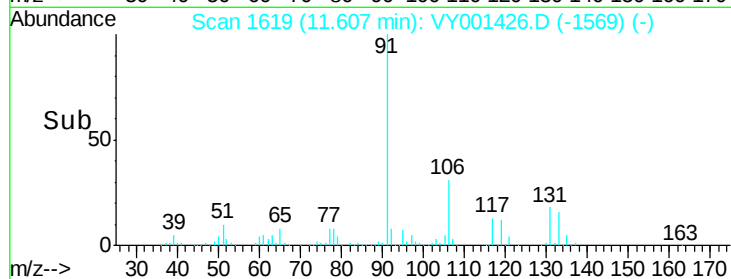
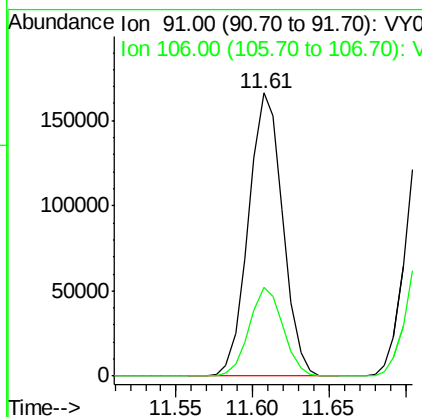
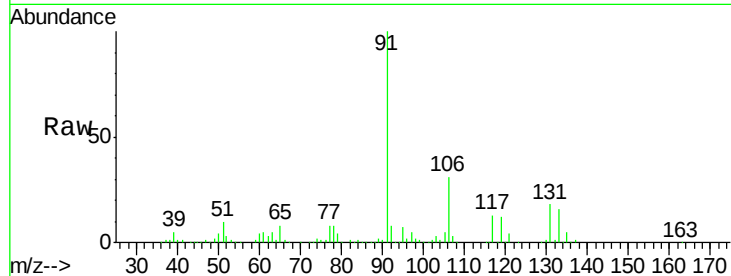
#67  
Ethyl Benzene  
Concen: 22.828 ug/l  
RT: 11.61 min Scan# 1619  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.2  | 25.4  | 38.0  |

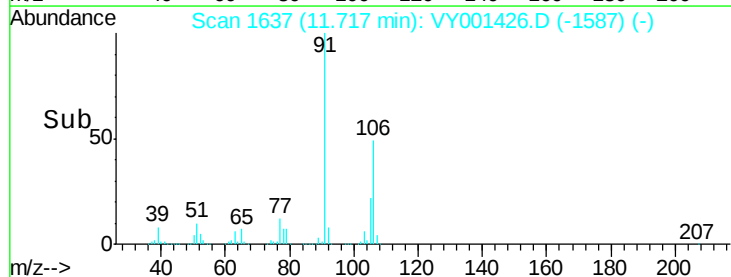
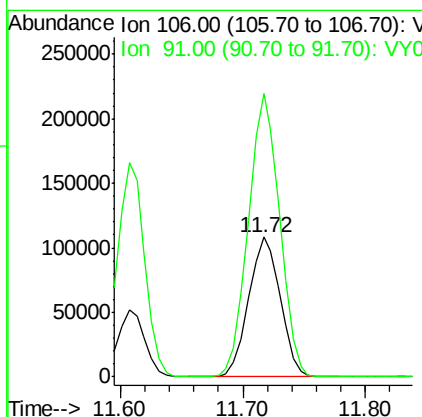
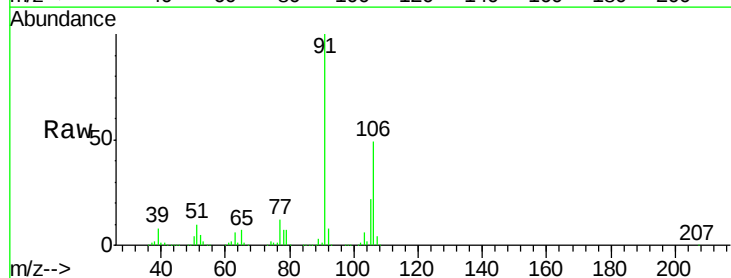
Manual Integrations  
APPROVED

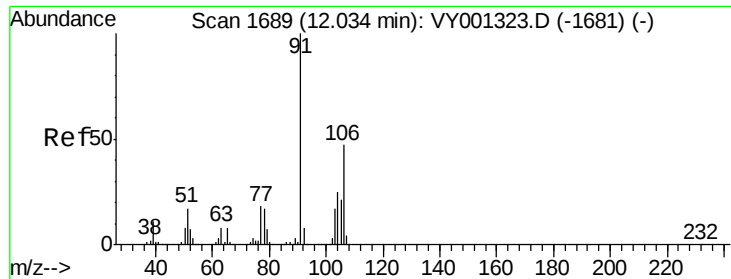
MMDadoda  
1/31/2020 4:26:12 PM



#68  
m/p-Xylenes  
Concen: 45.956 ug/l  
RT: 11.72 min Scan# 1637  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 200.9 | 162.8 | 244.2 |





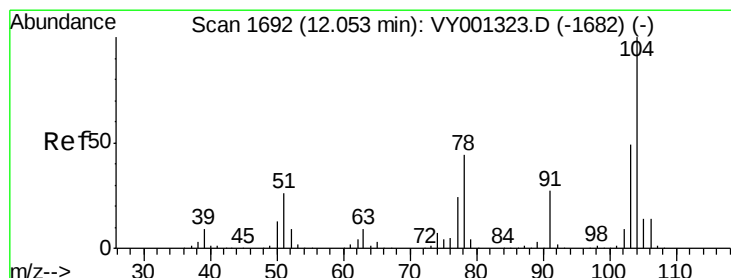
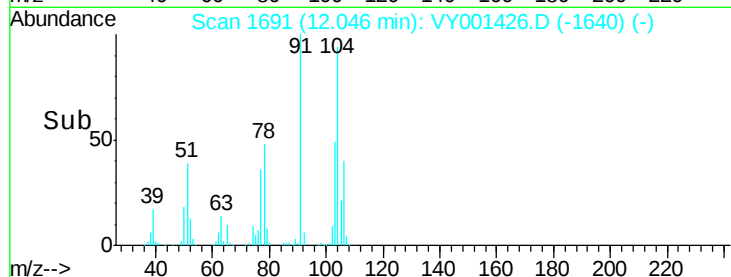
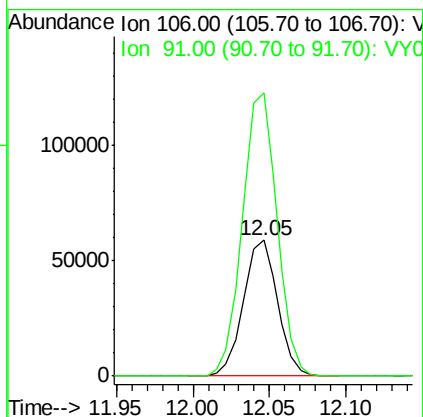
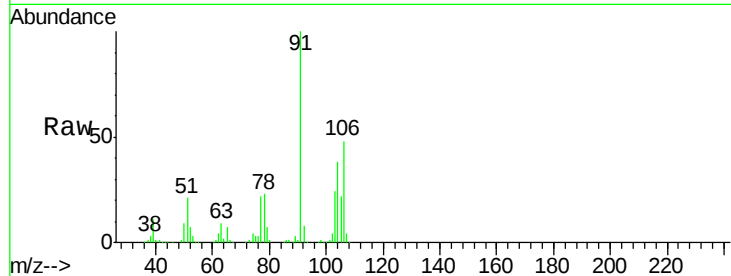
#69  
o-Xylene  
Concen: 22.356 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

Tot Ion:106 Resp: 90993  
Ion Ratio Lower Upper  
106 100  
91 212.1 106.3 319.0

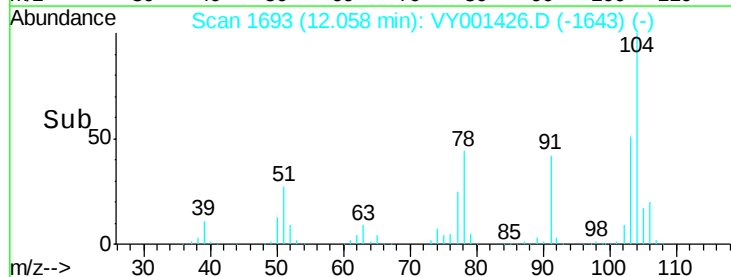
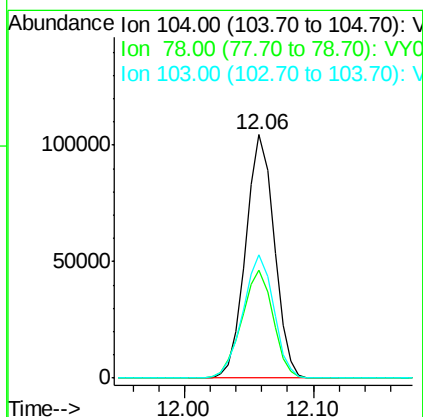
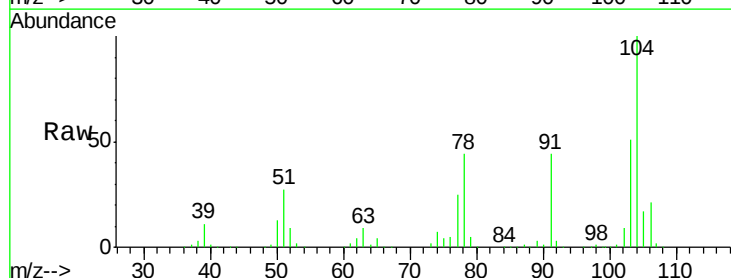
Manual Integrations  
APPROVED

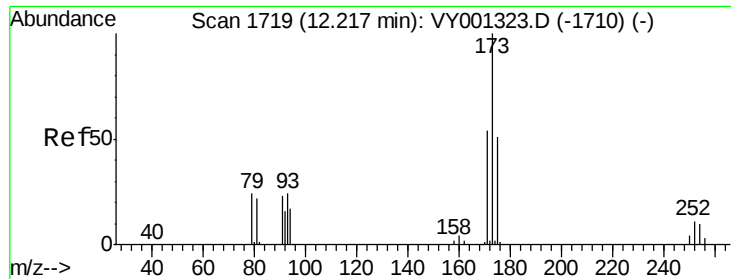
MMDadoda  
1/31/2020 4:26:12 PM



#70  
Styrene  
Concen: 22.421 ug/l  
RT: 12.06 min Scan# 1693  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Tgt Ion:104 Resp: 160113  
Ion Ratio Lower Upper  
104 100  
78 48.5 39.8 59.8  
103 54.6 43.2 64.8





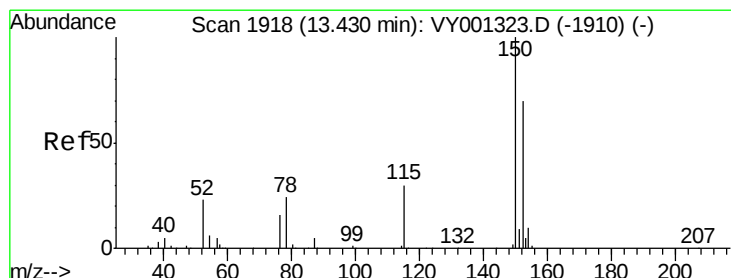
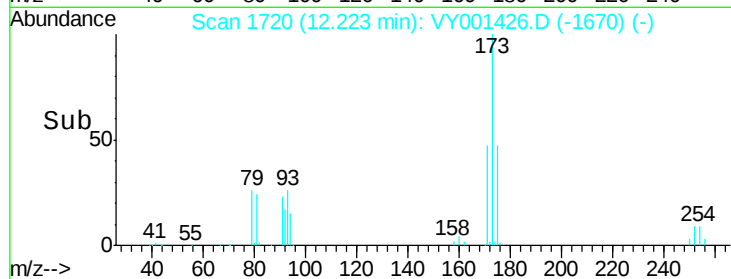
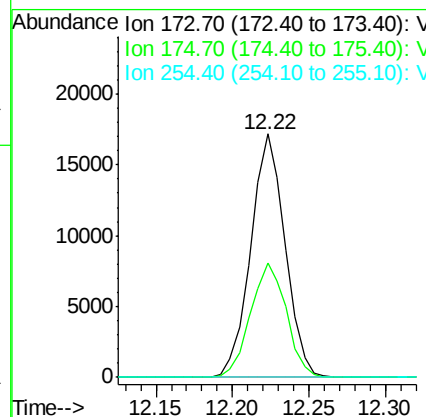
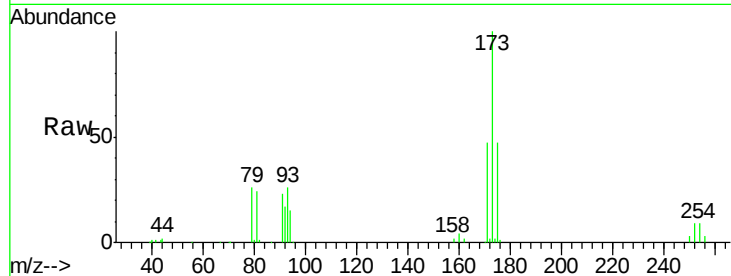
#71  
Bromoform  
Concen: 21.332 ug/l  
RT: 12.22 min Scan# 1720  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.1  | 24.3  | 72.9  |
| 254     | 0.0   | 0.0   | 0.0   |

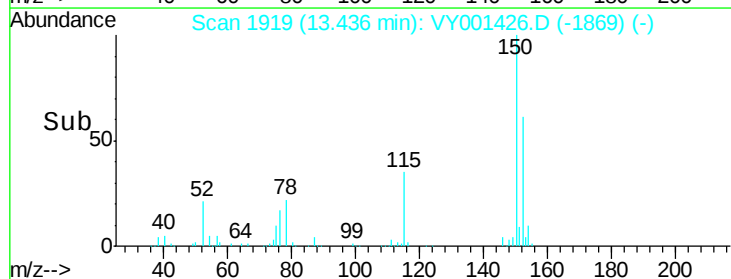
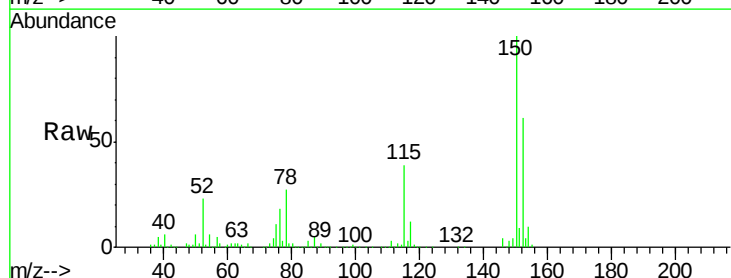
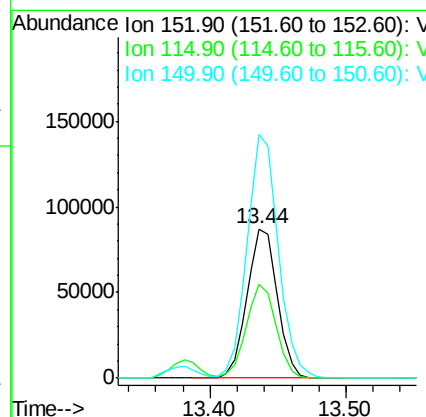
Manual Integrations  
APPROVED

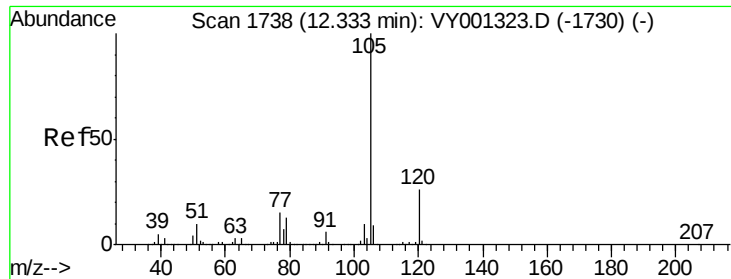
MMDadoda  
1/31/2020 4:26:12 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.44 min Scan# 1919  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.7  | 30.9  | 92.8  |
| 150     | 168.6 | 0.0   | 349.2 |





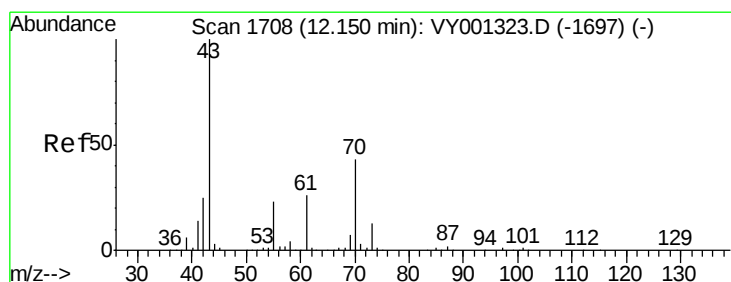
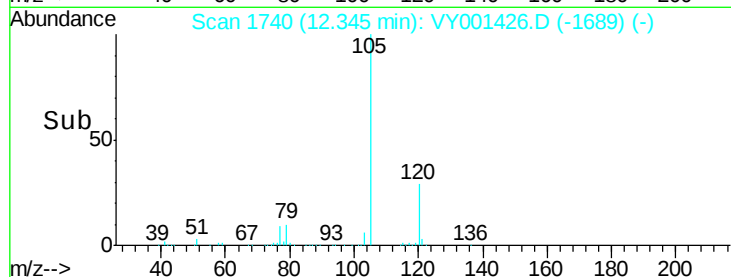
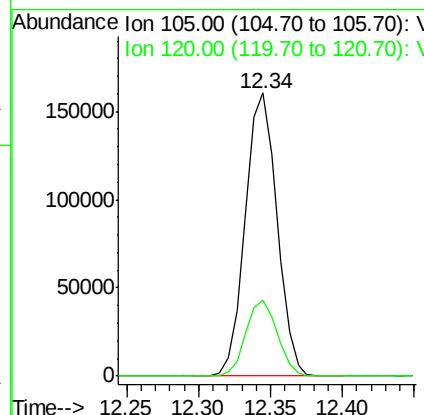
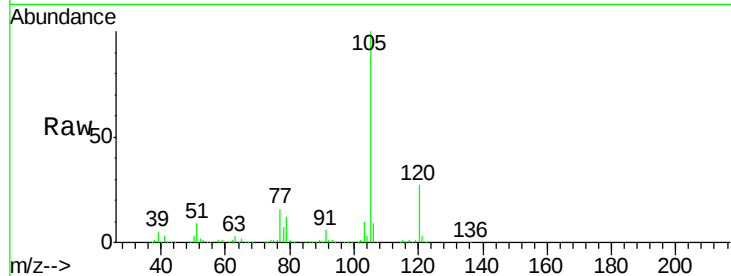
#73  
Isopropylbenzene  
Concen: 22.849 ug/l  
RT: 12.34 min Scan# 1740  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.7  | 13.5  | 40.4  |

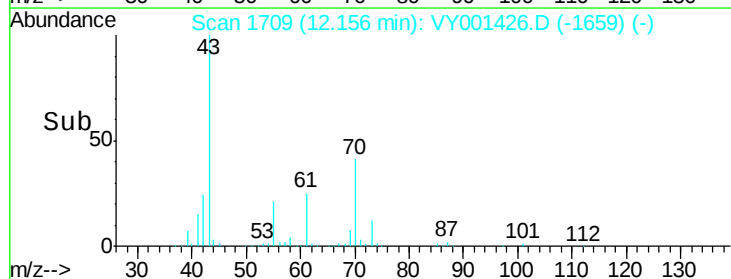
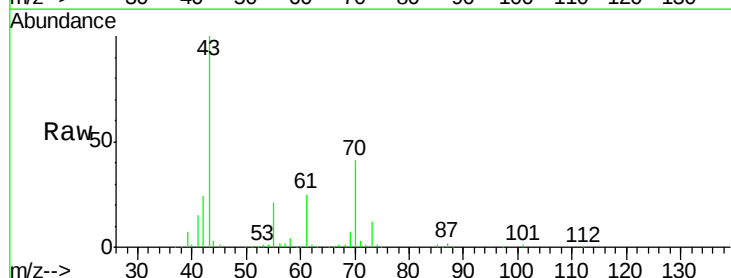
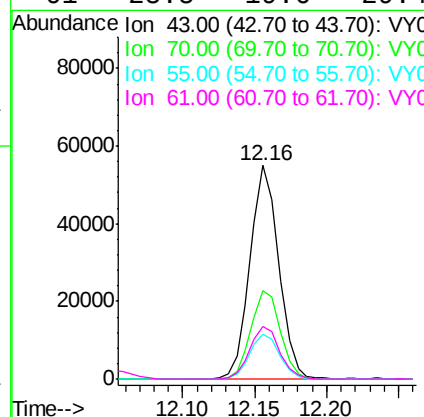
Manual Integrations  
APPROVED

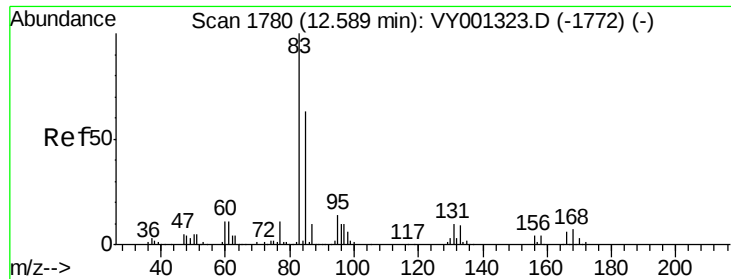
MMDadoda  
1/31/2020 4:26:12 PM



#74  
N-ethyl acetate  
Concen: 21.616 ug/l  
RT: 12.16 min Scan# 1709  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 42.6  | 33.5  | 50.3  |
| 55      | 22.2  | 18.2  | 27.2  |
| 61      | 25.5  | 19.6  | 29.4  |





#75

1,1,2,2-Tetrachloroethane

Concen: 22.689 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

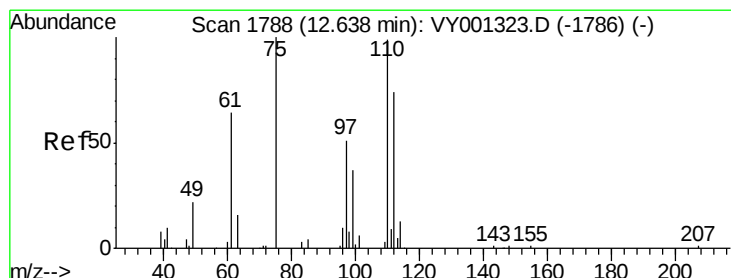
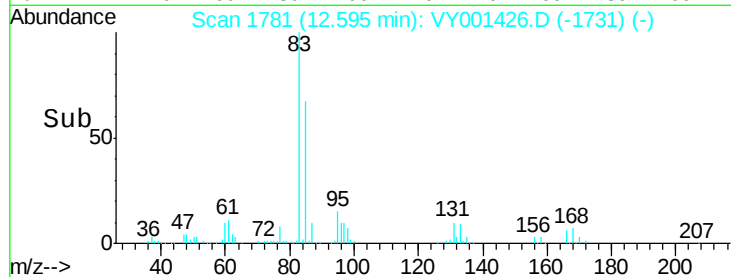
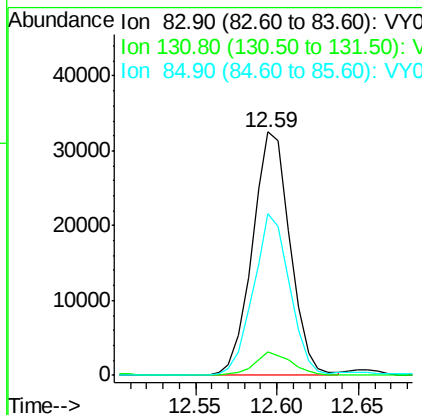
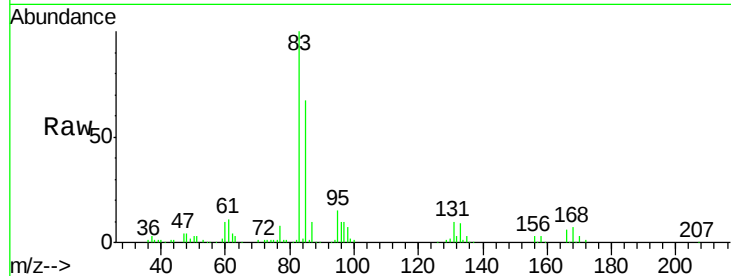
ClientSampleId :

VY0130SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 52053 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.7   | 4.9   | 14.6  |
| 85        | 64.4  | 31.4  | 94.3  |

Manual Integrations  
APPROVED

MMDadoda  
1/31/2020 4:26:12 PM



#76

1,2,3-Trichloropropane

Concen: 24.624 ug/l m

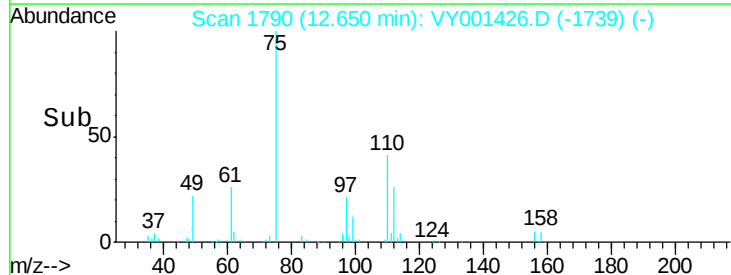
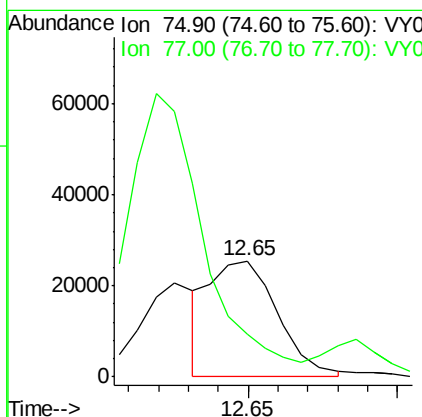
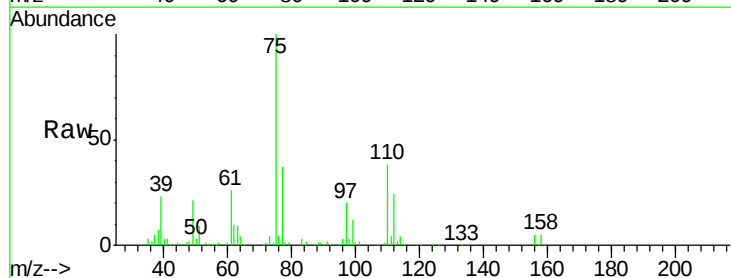
RT: 12.65 min Scan# 1790

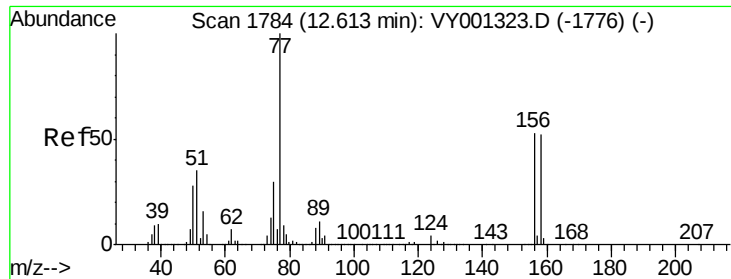
Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 40283 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





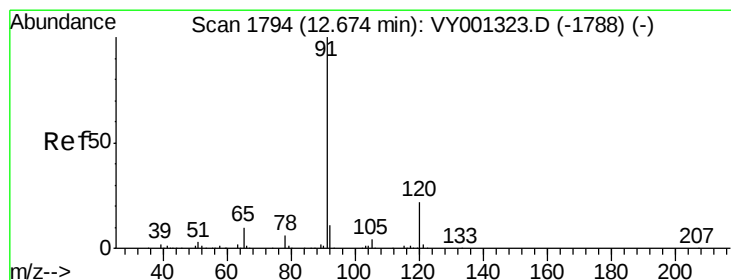
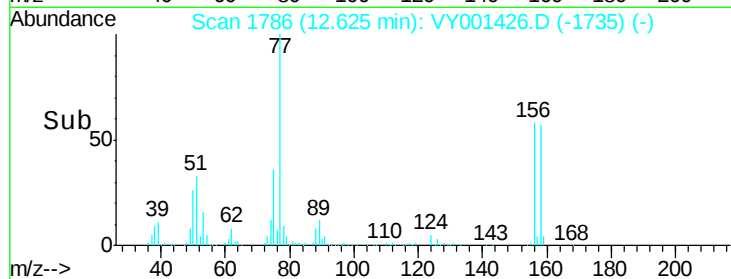
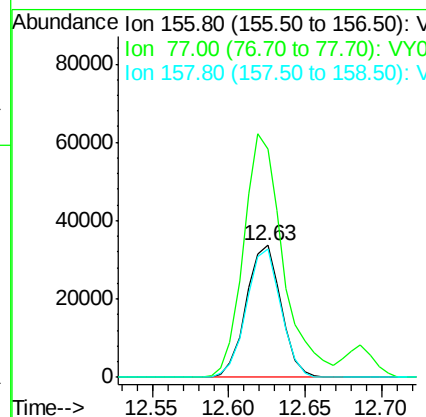
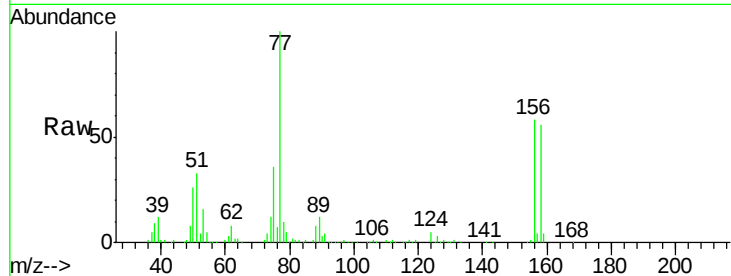
#77  
Bromobenzene  
Concen: 22.445 ug/l  
RT: 12.63 min Scan# 1786  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 210.0 | 104.7 | 313.9 |
| 158     | 96.4  | 48.6  | 145.8 |

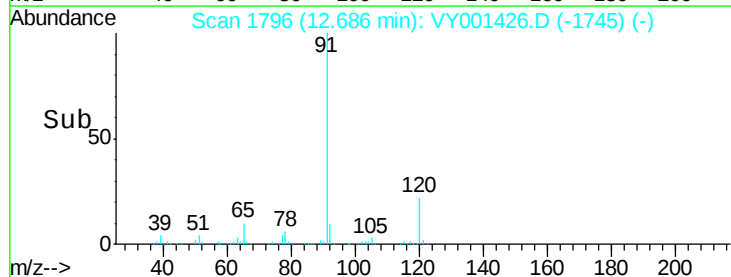
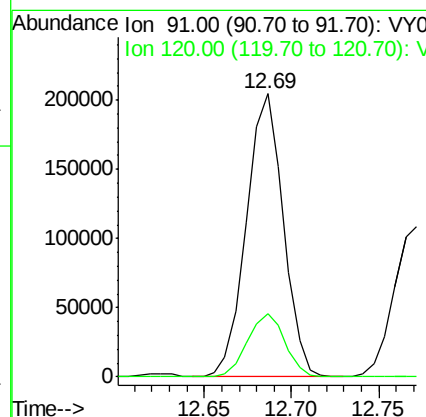
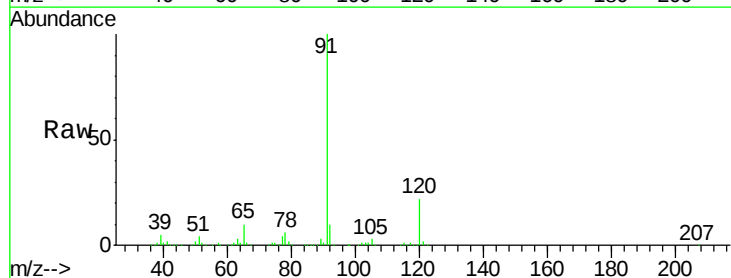
Manual Integrations  
APPROVED

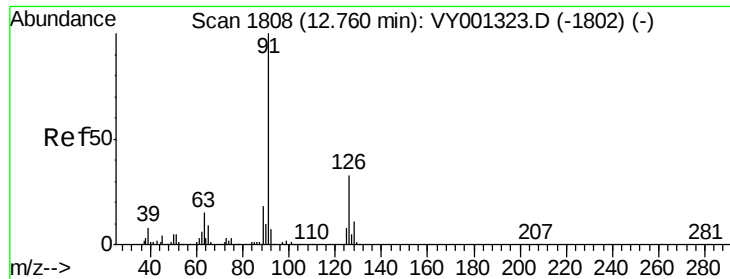
MMDadoda  
1/31/2020 4:26:12 PM



#78  
n-propylbenzene  
Concen: 23.260 ug/l  
RT: 12.69 min Scan# 1796  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.7  | 11.3  | 33.8  |





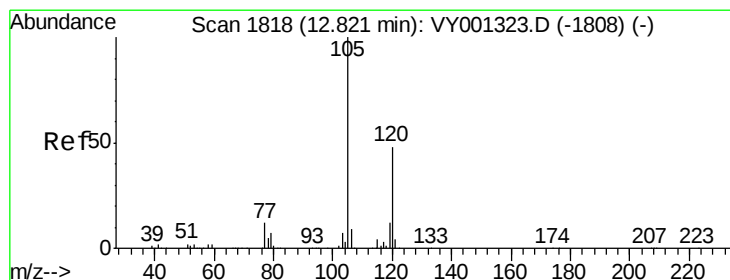
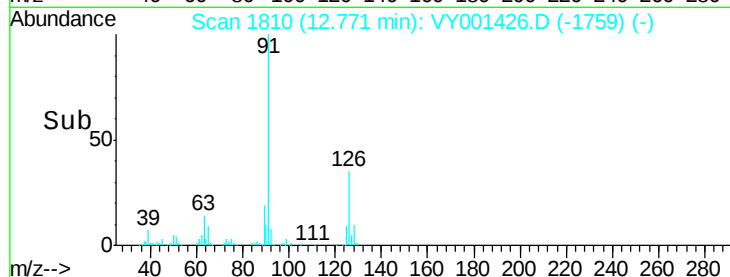
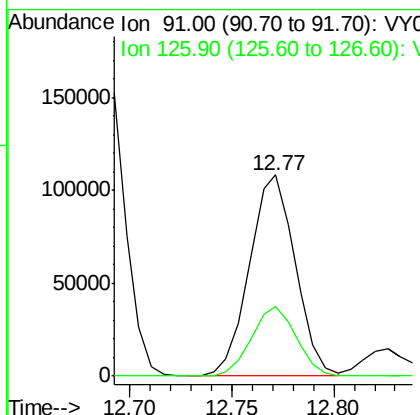
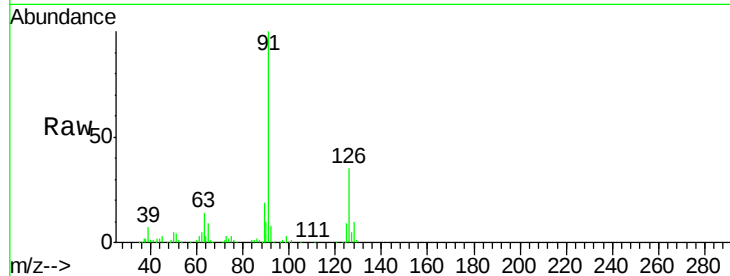
#79  
 2-Chlorotoluene  
 Concen: 22.995 ug/l  
 RT: 12.77 min Scan# 1810  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.7  | 16.6  | 49.7  |

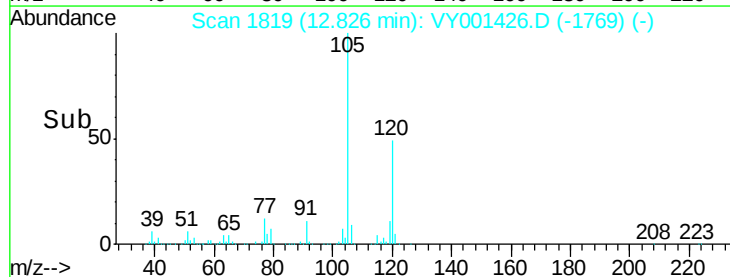
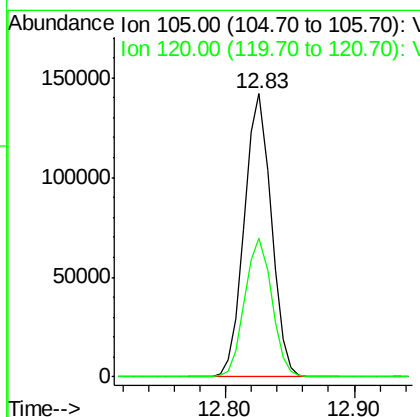
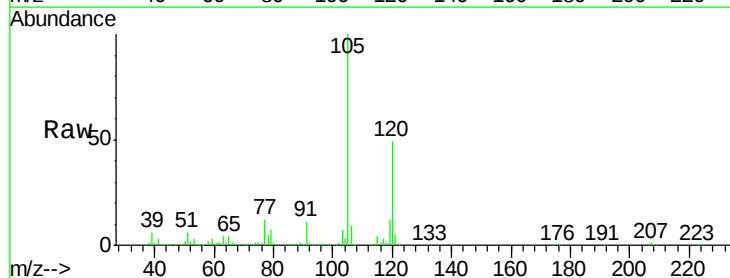
Manual Integrations  
 APPROVED

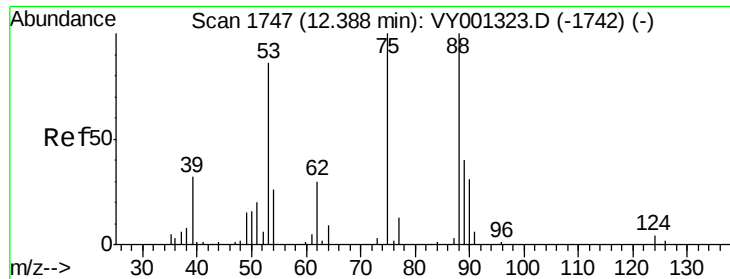
MMDadoda  
 1/31/2020 4:26:12 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.917 ug/l  
 RT: 12.83 min Scan# 1819  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 49.3  | 24.3  | 72.9  |





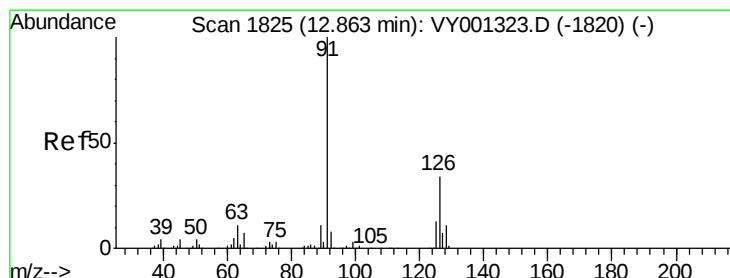
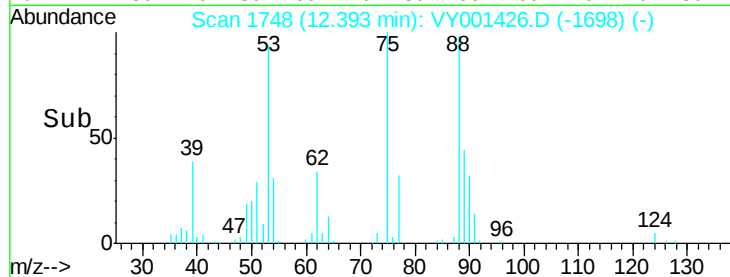
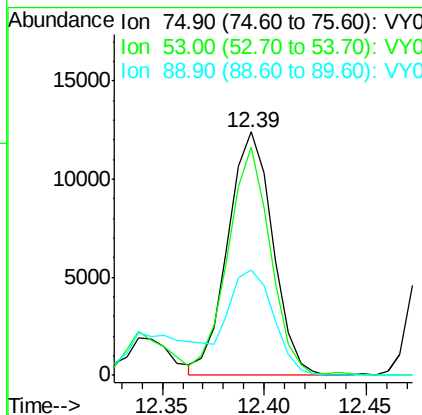
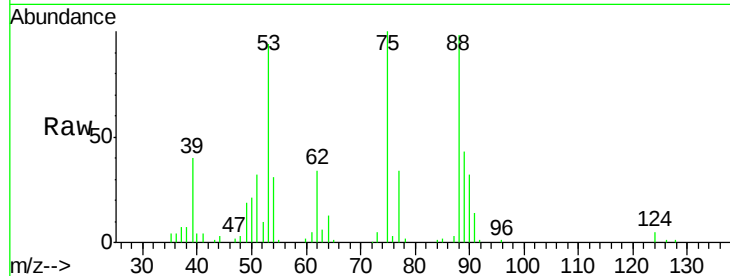
#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.858 ug/l  
RT: 12.39 min Scan# 1748  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 88.3  | 69.9  | 104.9 |
| 89      | 42.8  | 36.6  | 54.8  |

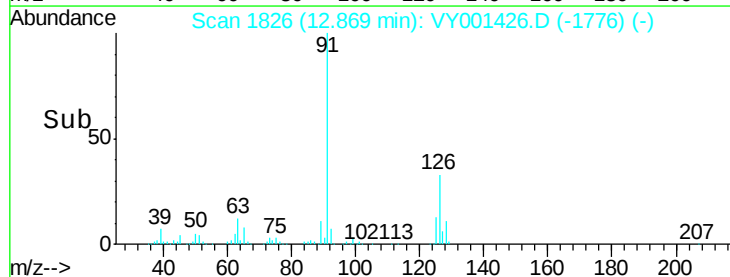
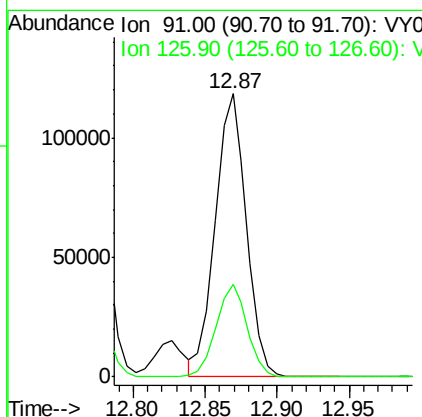
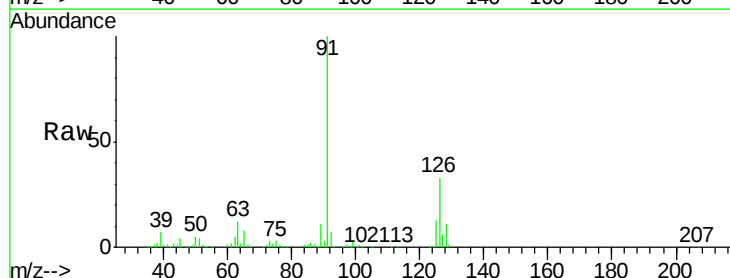
Manual Integrations  
APPROVED

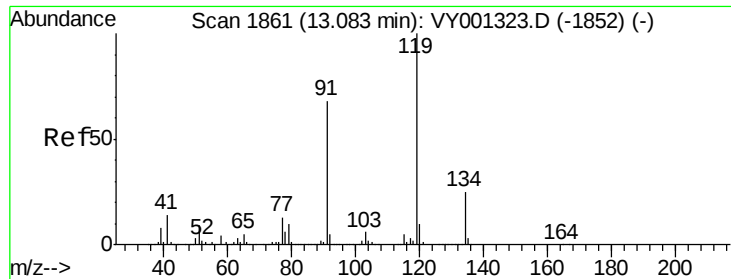
MMDadoda  
1/31/2020 4:26:12 PM



#82  
4-Chlorotoluene  
Concen: 22.670 ug/l  
RT: 12.87 min Scan# 1826  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.7  | 16.4  | 49.4  |





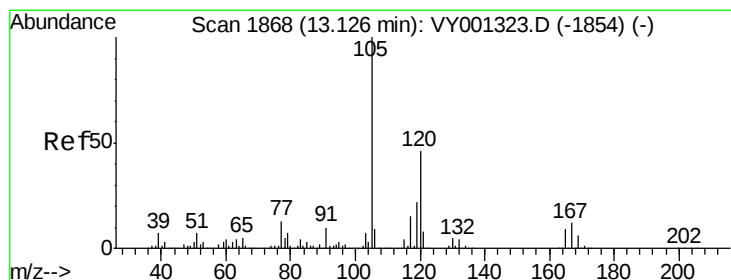
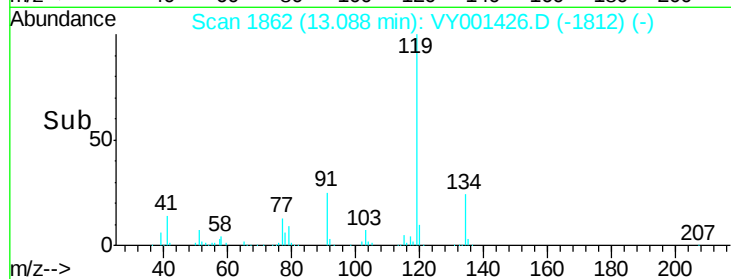
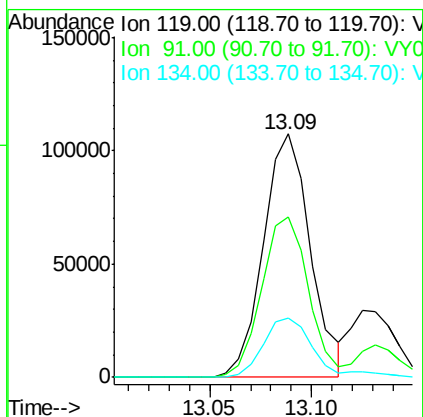
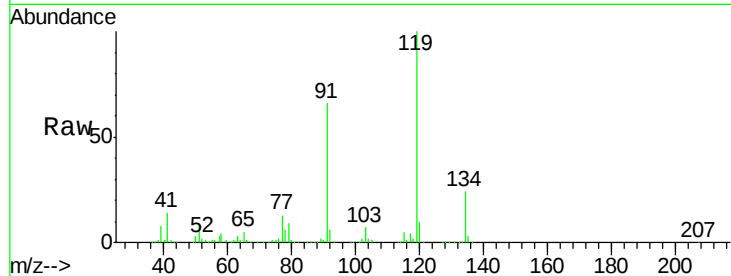
#83  
tert-Butylbenzene  
Concen: 22.892 ug/l  
RT: 13.09 min Scan# 1862  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 65.7  | 33.0  | 99.0  |
| 134     | 26.7  | 13.3  | 39.9  |

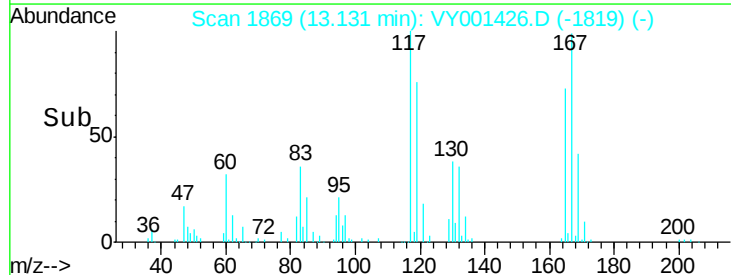
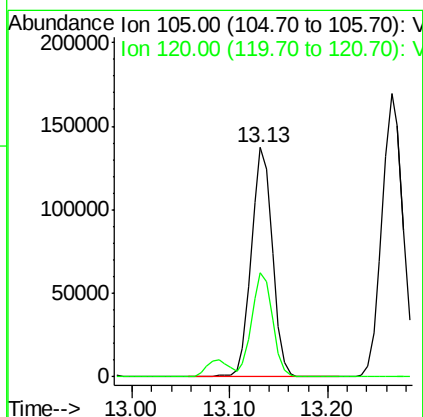
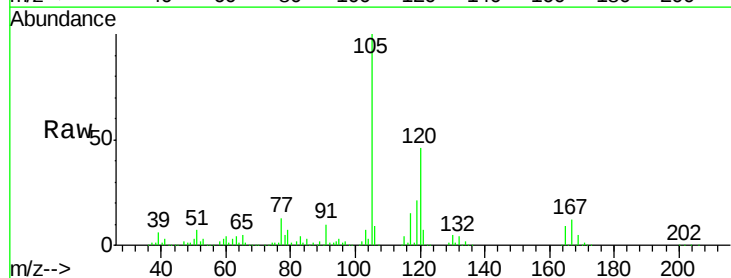
Manual Integrations  
APPROVED

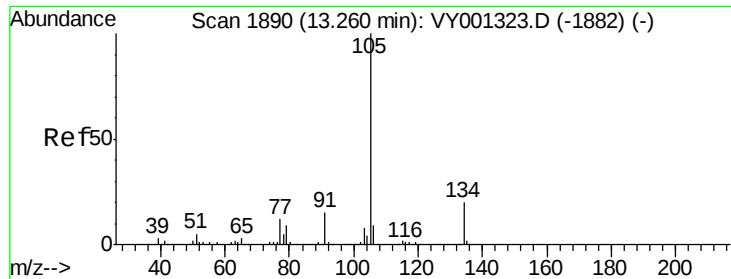
MMDadoda  
1/31/2020 4:26:12 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 22.832 ug/l  
RT: 13.13 min Scan# 1869  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.7  | 22.4  | 67.3  |





#85

sec-Butylbenzene

Concen: 23.497 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

Tot Ion:105 Resp: 251627

Ion Ratio Lower Upper

105 100

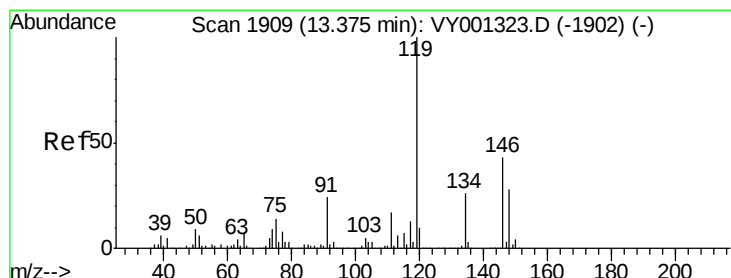
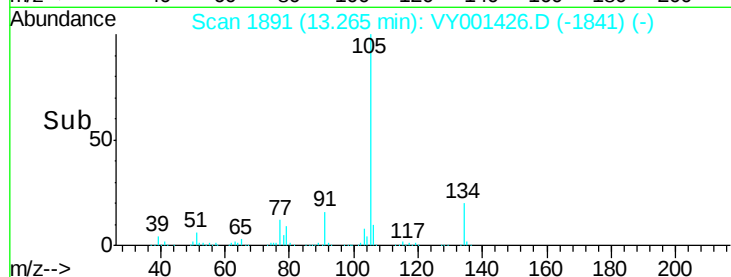
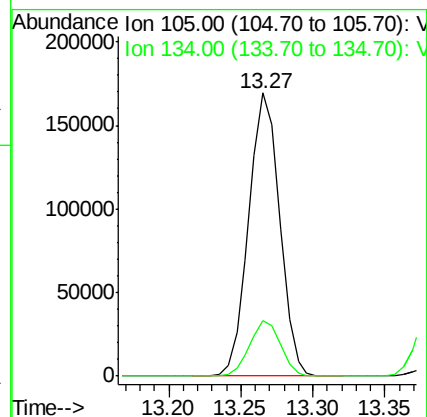
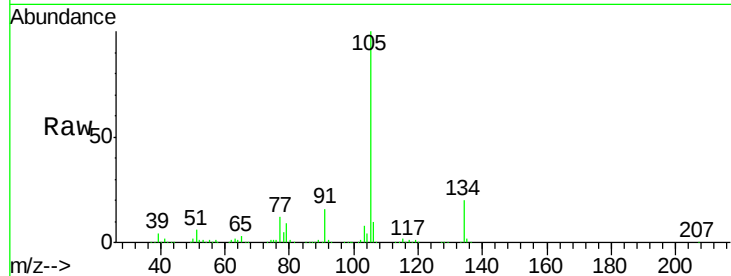
134 19.5 9.8 29.4

Manual Integrations

APPROVED

MMDadoda

1/31/2020 4:26:12 PM



#86

p-Isopropyltoluene

Concen: 23.465 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001426.D

Acq: 30 Jan 2020 13:47

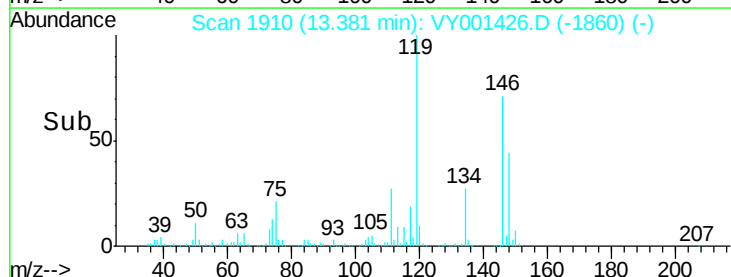
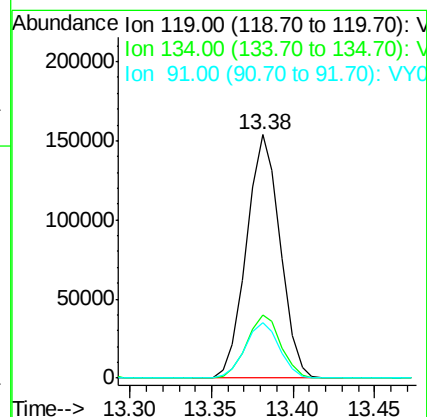
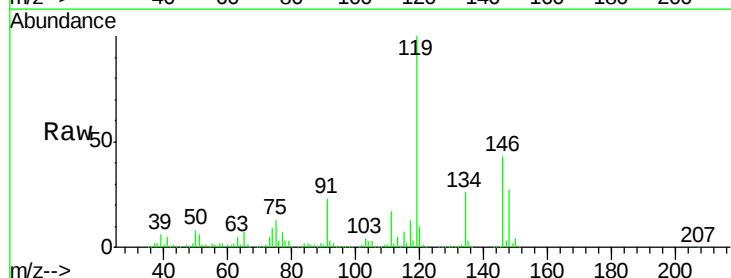
Tgt Ion:119 Resp: 221445

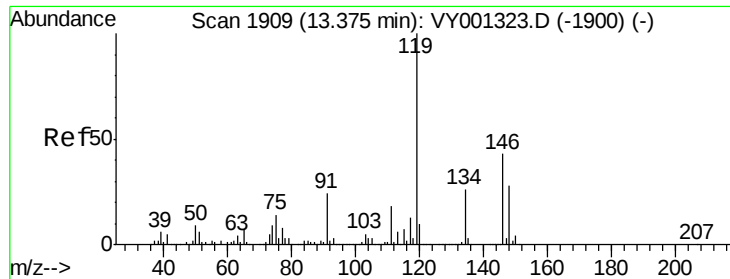
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 23.2 12.2 36.6





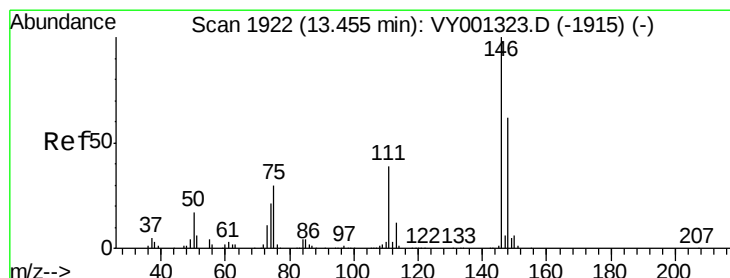
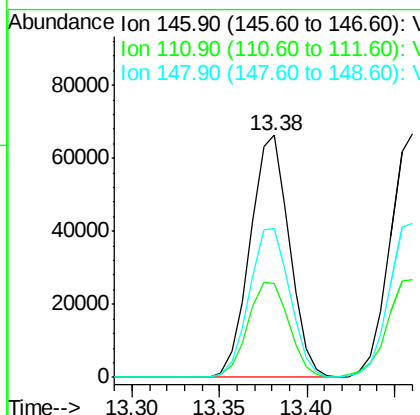
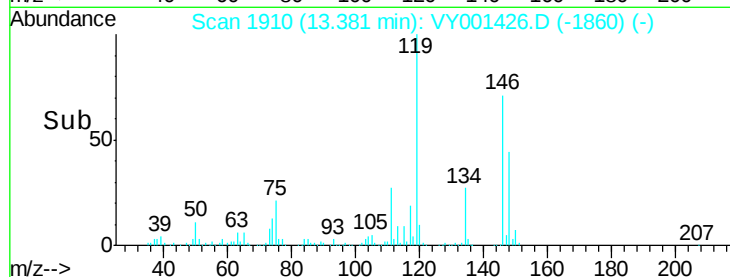
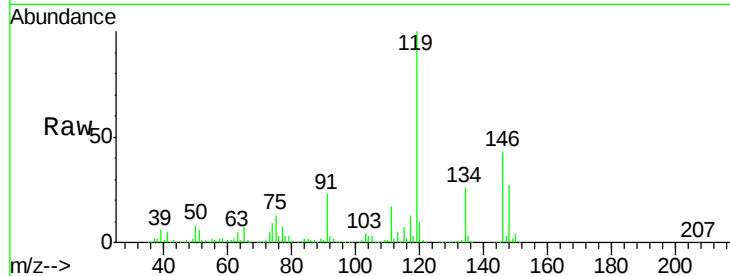
#87  
 1,3-Dichlorobenzene  
 Concen: 22.604 ug/l  
 RT: 13.38 min Scan# 1910  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.2  | 20.6  | 61.8  |
| 148     | 63.9  | 31.6  | 95.0  |

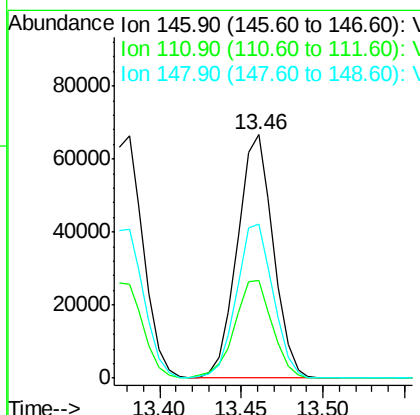
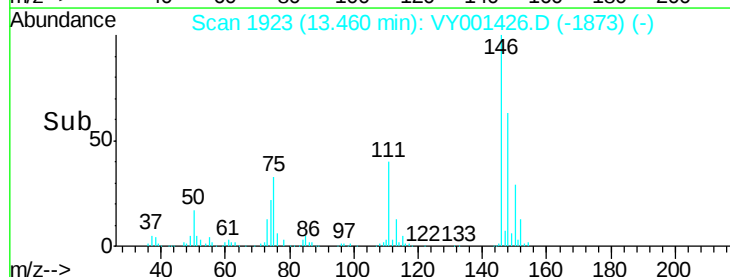
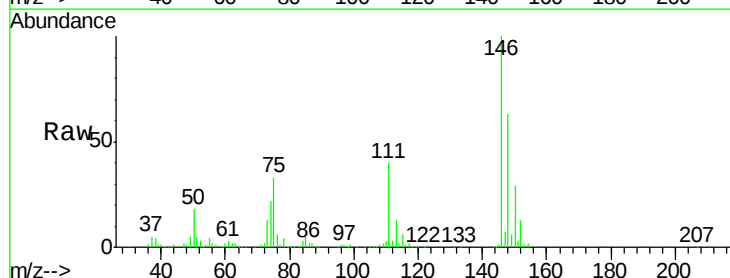
Manual Integrations  
 APPROVED

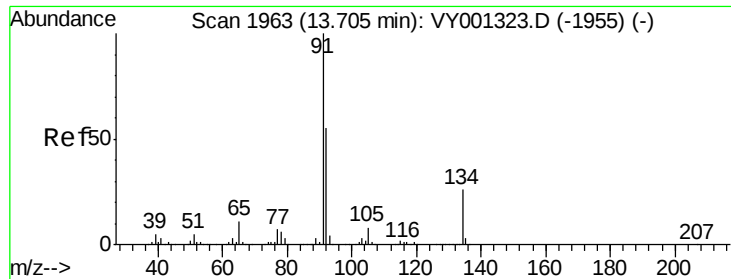
MMDadoda  
 1/31/2020 4:26:12 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 21.996 ug/l  
 RT: 13.46 min Scan# 1923  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 20.5  | 61.5  |
| 148     | 64.8  | 31.6  | 95.0  |





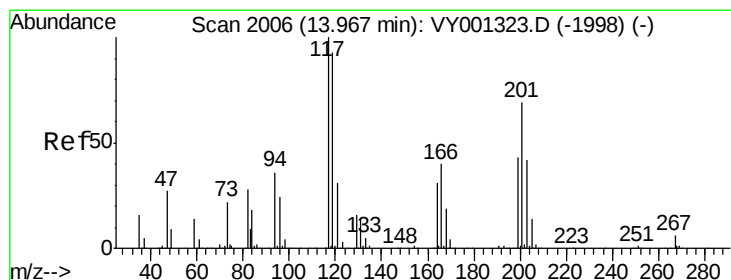
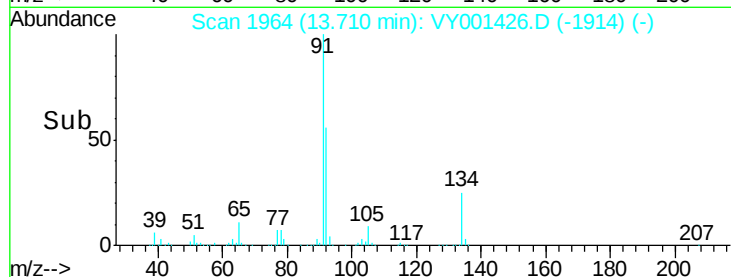
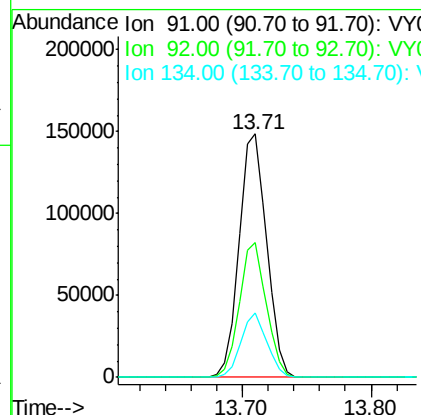
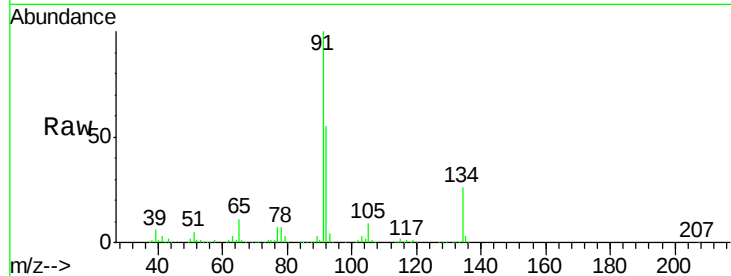
#89  
n-Butylbenzene  
Concen: 23.188 ug/l  
RT: 13.71 min Scan# 1964  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 220231 |       |       |
| 92      | 54.4  |        | 27.6  | 82.8  |
| 134     | 25.1  |        | 12.9  | 38.6  |

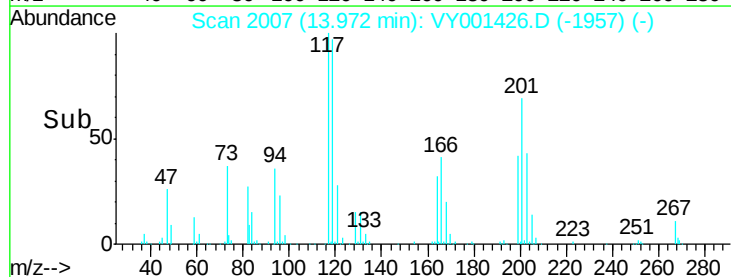
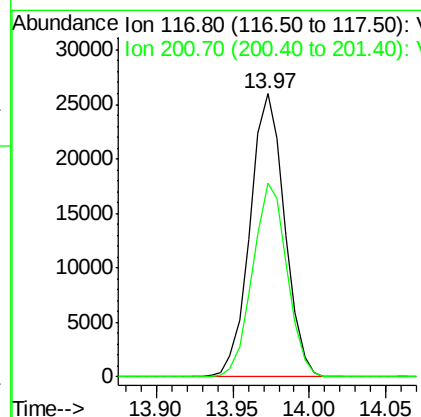
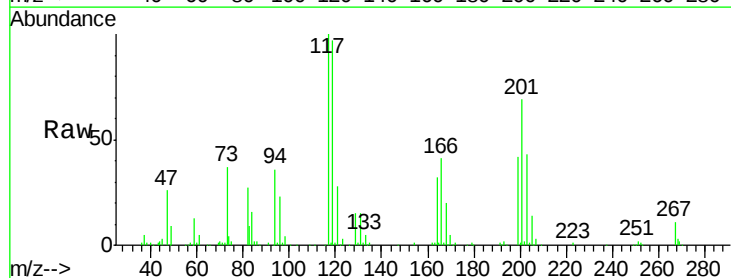
Manual Integrations  
APPROVED

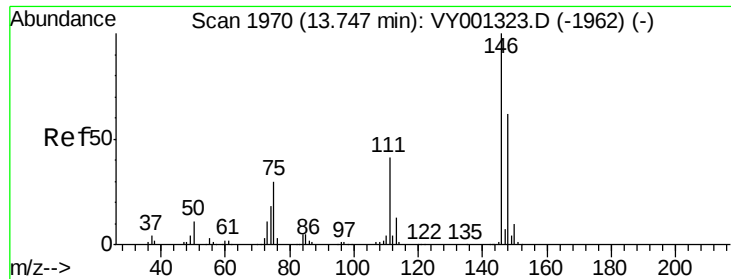
MMDadoda  
1/31/2020 4:26:12 PM



#90  
Hexachloroethane  
Concen: 22.829 ug/l  
RT: 13.97 min Scan# 2007  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 40838 |       |       |
| 201     | 68.2  |       | 34.6  | 103.8 |





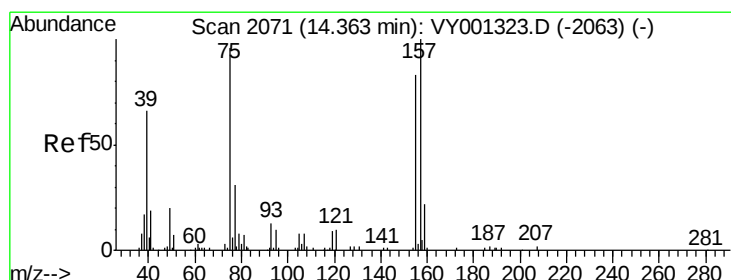
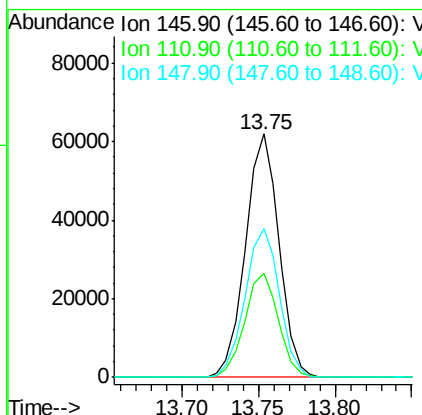
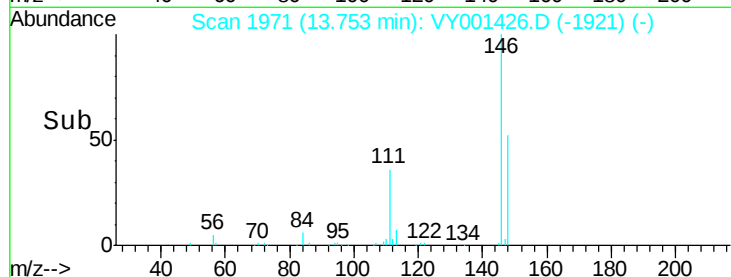
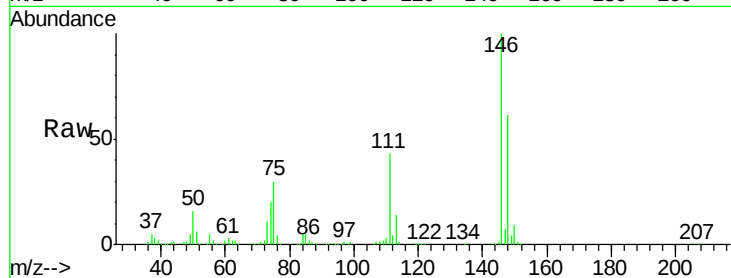
#91  
 1,2-Dichlorobenzene  
 Concen: 22.354 ug/l  
 RT: 13.75 min Scan# 1971  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 21.1  | 63.4  |
| 148     | 62.5  | 31.5  | 94.5  |

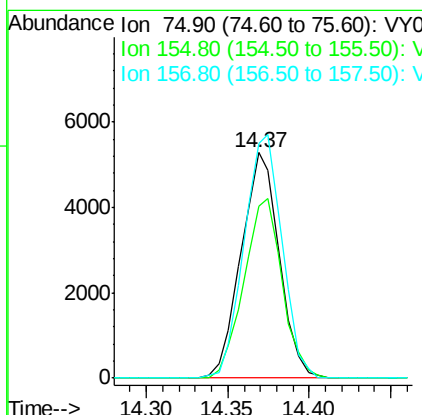
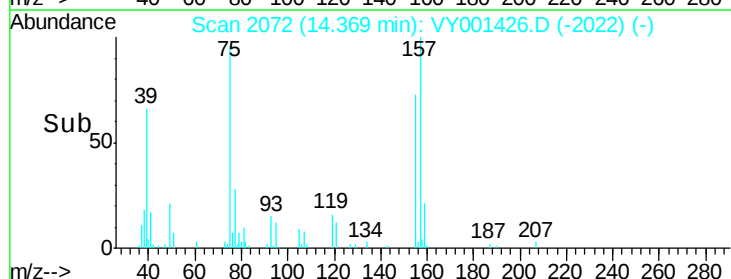
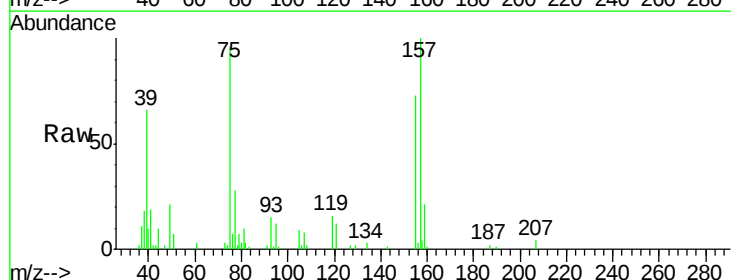
Manual Integrations  
 APPROVED

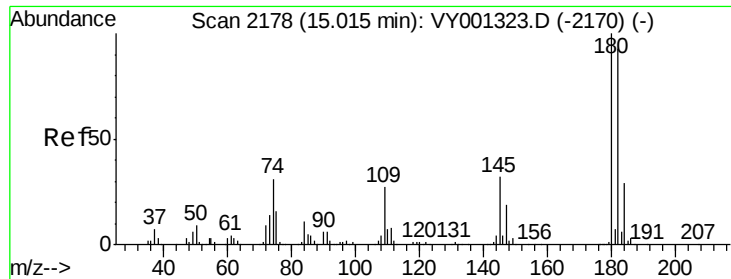
MMDadoda  
 1/31/2020 4:26:12 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.678 ug/l  
 RT: 14.37 min Scan# 2072  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.9  | 43.0  | 129.2 |
| 157     | 107.6 | 53.3  | 160.0 |





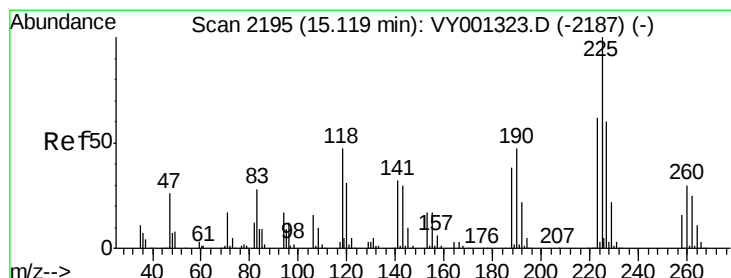
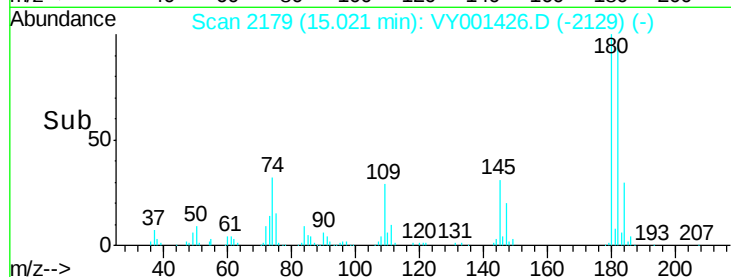
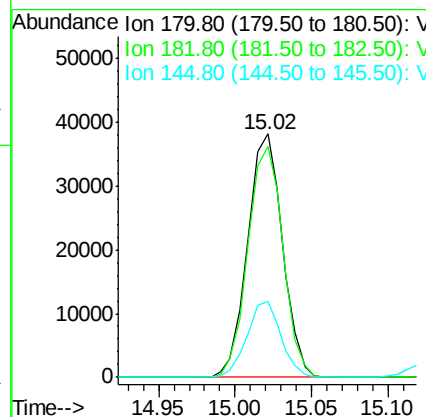
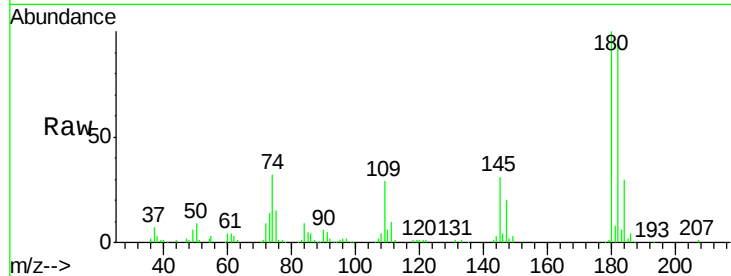
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.393 ug/l  
 RT: 15.02 min Scan# 2179  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.6  | 142.8 |
| 145     | 30.7  | 16.3  | 48.9  |

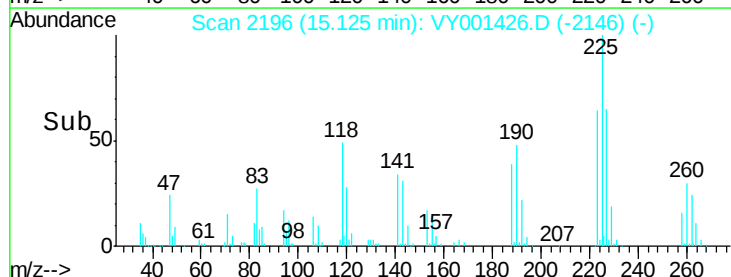
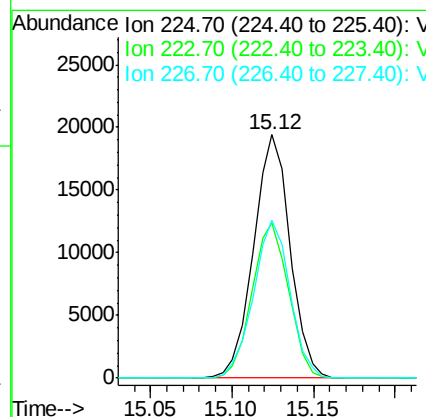
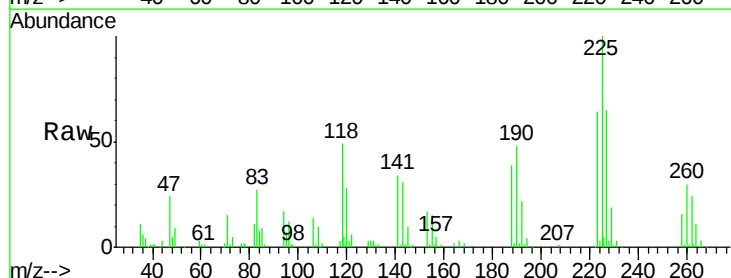
Manual Integrations  
 APPROVED

MMDadoda  
 1/31/2020 4:26:12 PM



#94  
 Hexachlorobutadiene  
 Concen: 21.884 ug/l  
 RT: 15.12 min Scan# 2196  
 Delta R.T. 0.01 min  
 Lab File: VY001426.D  
 Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 31.2  | 93.6  |
| 227     | 64.8  | 31.0  | 93.0  |





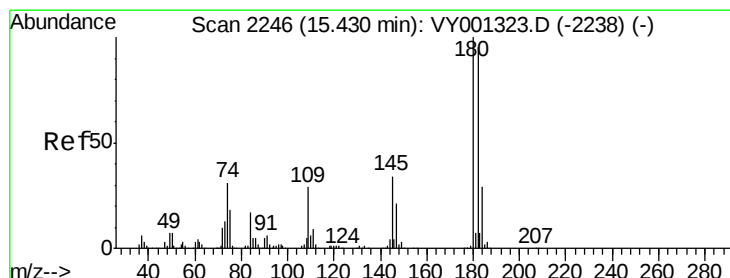
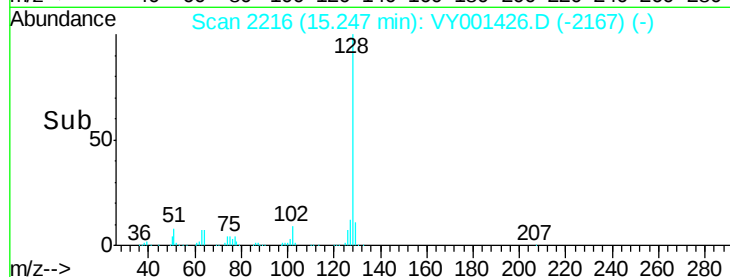
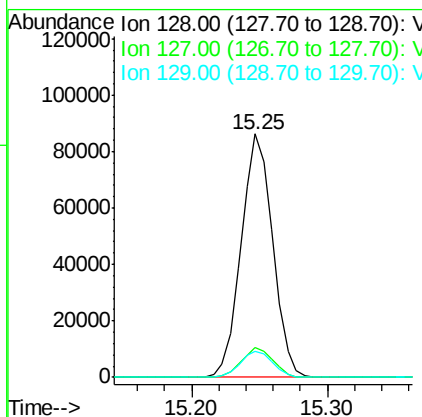
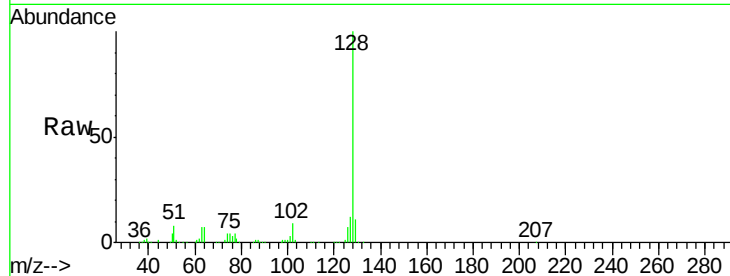
#95  
Naphthalene  
Concen: 21.609 ug/l  
RT: 15.25 min Scan# 2216  
Delta R.T. -0.00 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 139758 |       |       |
| 127     | 12.3  |        | 10.2  | 15.2  |
| 129     | 11.0  |        | 8.7   | 13.1  |

Manual Integrations  
APPROVED

MMDadoda  
1/31/2020 4:26:12 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 21.674 ug/l  
RT: 15.44 min Scan# 2247  
Delta R.T. 0.01 min  
Lab File: VY001426.D  
Acq: 30 Jan 2020 13:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 53776 |       |       |
| 182     | 93.3  |       | 47.3  | 141.8 |
| 145     | 32.3  |       | 16.8  | 50.3  |

