

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\  
 Data File : VY002244.D  
 Acq On : 08 Apr 2020 11:26  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2020 11:31:38 AM

Quant Time: Apr 08 15:06:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 14:44:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 157309   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 282376   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 254139   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 117786   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 9744     | 5.57 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 11.14% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 8659     | 5.15 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 10.30% |          |
| 50) Toluene-d8              | 10.19 | 98   | 36988    | 5.26 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 10.52% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 12512    | 5.39 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 10.78% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85   | 8164     | 5.135  | ug/l   | 89     |
| 3) Chloromethane              | 2.12 | 50   | 10183    | 5.089  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.26 | 62   | 11187    | 5.253  | ug/l   | 97     |
| 5) Bromomethane               | 2.66 | 94   | 7359     | 5.595  | ug/l   | 98     |
| 6) Chloroethane               | 2.81 | 64   | 6052     | 4.927  | ug/l # | 85     |
| 7) Trichlorofluoromethane     | 3.15 | 101  | 15298    | 5.562  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.55 | 74   | 6059     | 5.182  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.92 | 101  | 10096    | 5.404  | ug/l   | 97     |
| 10) Methyl Iodide             | 4.11 | 142  | 9395     | 4.326  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.97 | 59   | 8618     | 37.445 | ug/l # | 90     |
| 12) 1,1-Dichloroethene        | 3.90 | 96   | 9935     | 5.230  | ug/l   | 93     |
| 13) Acrolein                  | 3.74 | 56   | 5962     | 26.432 | ug/l   | 97     |
| 14) Allyl chloride            | 4.50 | 41   | 16356    | 5.332  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.19 | 53   | 15481    | 25.890 | ug/l   | 99     |
| 16) Acetone                   | 3.97 | 43   | 12772    | 27.720 | ug/l   | 92     |
| 17) Carbon Disulfide          | 4.22 | 76   | 32702    | 5.184  | ug/l # | 94     |
| 18) Methyl Acetate            | 4.49 | 43   | 7760     | 5.430  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 5.25 | 73   | 25607    | 5.128  | ug/l   | 92     |
| 20) Methylene Chloride        | 4.75 | 84   | 13600    | 6.005  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.24 | 96   | 11236    | 5.270  | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.14 | 45   | 32310    | 5.234  | ug/l   | 95     |
| 23) Vinyl Acetate             | 6.08 | 43   | 101653   | 25.842 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.04 | 63   | 18269    | 5.203  | ug/l   | 100    |
| 25) 2-Butanone                | 7.02 | 43   | 20276    | 27.807 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.00 | 77   | 17073    | 5.813  | ug/l   | 92     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96   | 12132    | 5.220  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.35 | 49   | 8008     | 5.284  | ug/l # | 94     |
| 29) Tetrahydrofuran           | 7.38 | 42   | 12922    | 26.809 | ug/l   | 97     |
| 30) Chloroform                | 7.53 | 83   | 16969    | 5.127  | ug/l   | 97     |
| 31) Cyclohexane               | 7.81 | 56   | 21690    | 5.885  | ug/l # | 67     |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97   | 13811    | 5.013  | ug/l   | 93     |
| 36) 1,1-Dichloropropene       | 7.94 | 75   | 14433    | 5.189  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.10 | 43   | 8429     | 5.305  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.93 | 117  | 12505    | 5.256  | ug/l   | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\  
 Data File : VY002244.D  
 Acq On : 08 Apr 2020 11:26  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2020 11:31:38 AM

Quant Time: Apr 08 15:06:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 14:44:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.20  | 83   | 20521    | 5.424   | ug/l   | 90       |
| 40) Benzene                    | 8.18  | 78   | 43354    | 5.138   | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.35  | 41   | 5571     | 5.307   | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 10801    | 5.167   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.29  | 43   | 15149    | 5.228   | ug/l   | 98       |
| 44) Trichloroethene            | 8.95  | 130  | 13088    | 5.275   | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 10638    | 5.081   | ug/l   | 90       |
| 46) Dibromomethane             | 9.32  | 93   | 5630     | 5.143   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.51  | 83   | 12393    | 4.934   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.31  | 41   | 7090     | 5.456   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.32  | 88   | 1551     | 100.156 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 39725    | 26.307  | ug/l   | 98       |
| 52) Toluene                    | 10.25 | 92   | 26133    | 5.139   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 13309    | 4.863   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 16037    | 4.874   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 8212     | 5.124   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 11199    | 4.896   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 14397    | 5.110   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 32788    | 27.679  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.85 | 43   | 27656    | 26.389  | ug/l   | 97       |
| 60) Dibromochloromethane       | 11.00 | 129  | 8314     | 4.865   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 7770     | 5.092   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.73 | 164  | 13672    | 5.321   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.53 | 112  | 27367    | 5.180   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 8630     | 4.948   | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.60 | 91   | 49793    | 5.149   | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.71 | 106  | 37948    | 10.476  | ug/l   | 99       |
| 69) o-Xylene                   | 12.04 | 106  | 17797    | 5.233   | ug/l   | 96       |
| 70) Styrene                    | 12.05 | 104  | 30038    | 5.091   | ug/l   | 97       |
| 71) Bromoform                  | 12.22 | 173  | 4372     | 4.609   | ug/l # | 91       |
| 73) Isopropylbenzene           | 12.34 | 105  | 46932    | 5.072   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.15 | 43   | 13283    | 5.057   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 5239     | 4.680   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 6192m    | 2.624   | ug/l   |          |
| 77) Bromobenzene               | 12.62 | 156  | 10005    | 4.914   | ug/l   | 92       |
| 78) n-propylbenzene            | 12.68 | 91   | 60258    | 5.236   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 32220    | 5.152   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 39285    | 5.133   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 3279     | 4.663   | ug/l   | 87       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 34949    | 5.332   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 34029    | 5.309   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 38863    | 5.086   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.26 | 105  | 51969    | 5.442   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 42937    | 5.224   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 13.38 | 146  | 21112    | 5.351   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 21264    | 5.309   | ug/l   | 94       |
| 89) n-Butylbenzene             | 13.70 | 91   | 45436    | 5.393   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.97 | 117  | 8183     | 5.225   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 18240    | 5.088   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 1459     | 5.388   | ug/l   | 89       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\  
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Acq On : 08 Apr 2020 11:26  
Operator : SY/MD  
Sample : VSTDICC005  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

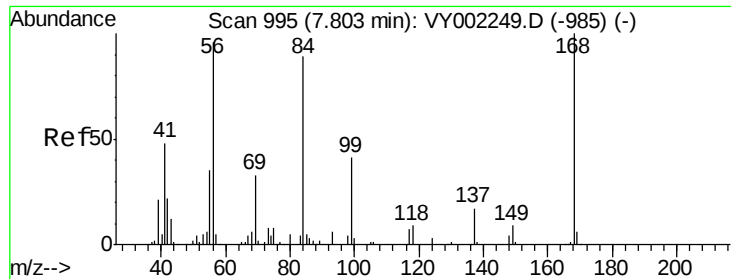
MMDadoda  
4/9/2020 11:31:38 AM

Quant Time: Apr 08 15:06:08 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 08 14:44:38 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 13238    | 5.649 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 6368     | 5.395 | ug/l  | 96       |
| 95) Naphthalene            | 15.25 | 128  | 26329    | 5.132 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 11542    | 5.672 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 157309

Ion Ratio Lower Upper

168 100

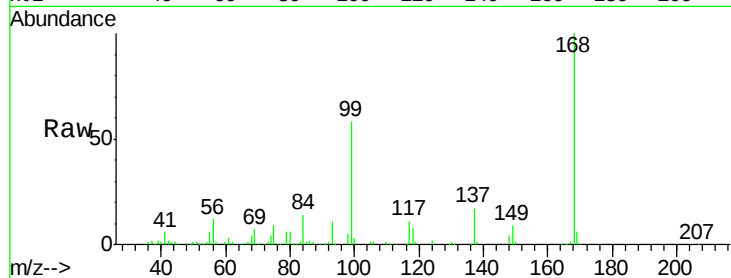
99 58.1 48.0 72.0

Manual Integrations

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4/9/2020 11:31:38 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002244.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002244.D (-946) (-)

7.81

60000

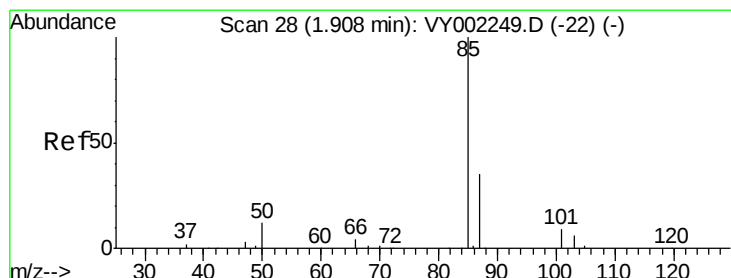
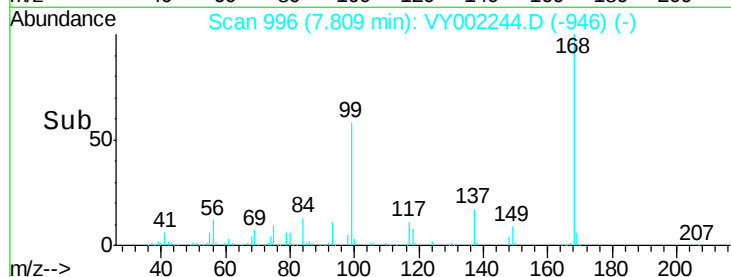
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 5.135 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002244.D

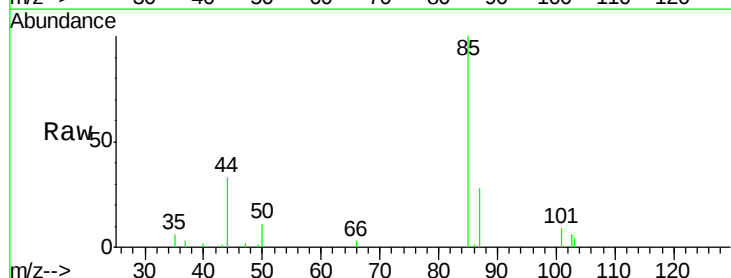
Acq: 08 Apr 2020 11:26

Tgt Ion: 85 Resp: 8164

Ion Ratio Lower Upper

85 100

87 28.3 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002244.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002244.D (-1) (-)

1.91

6000

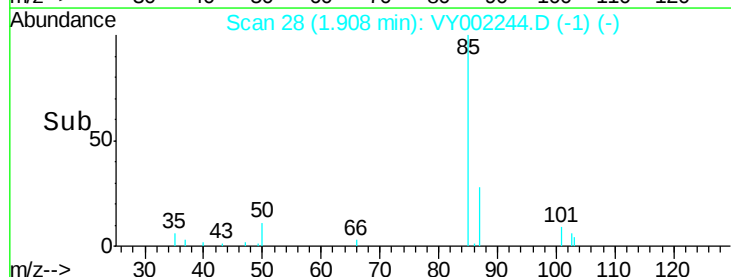
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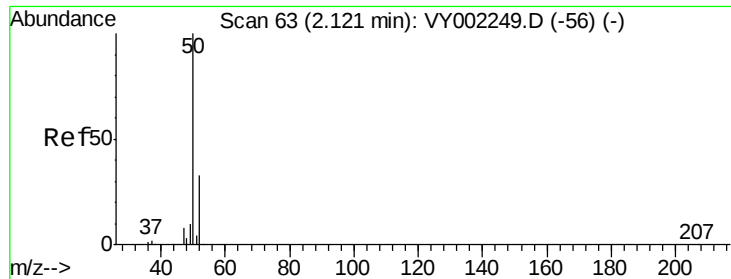
2000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 5.089 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 10183

Ion Ratio Lower Upper

50 100

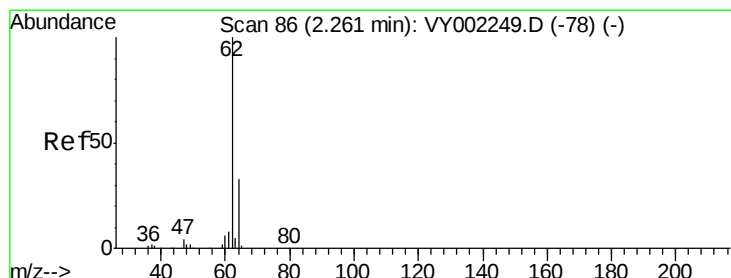
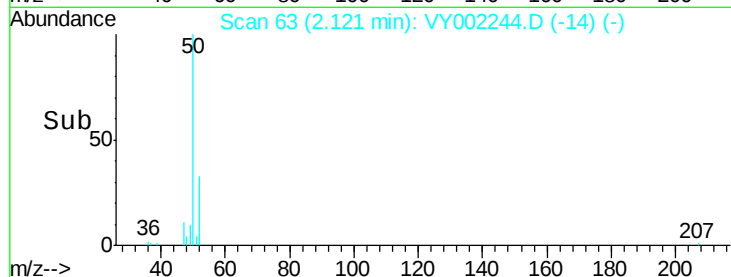
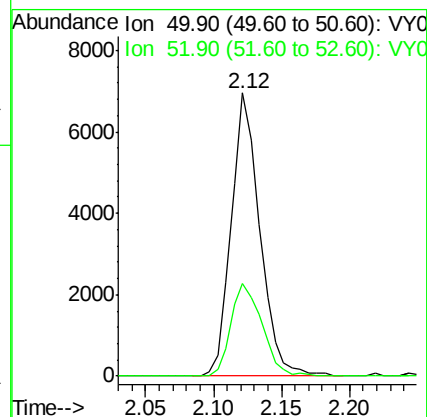
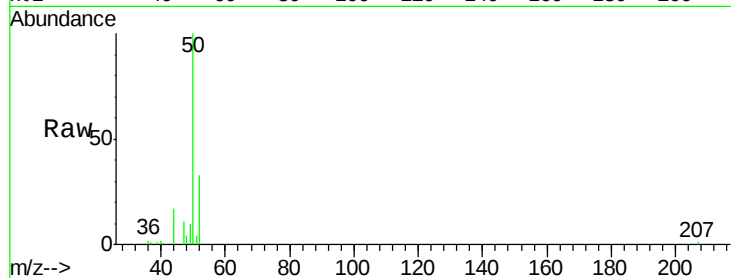
52 32.7 26.6 39.8

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:31:38 AM



#4

Vinyl Chloride

Concen: 5.253 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002244.D

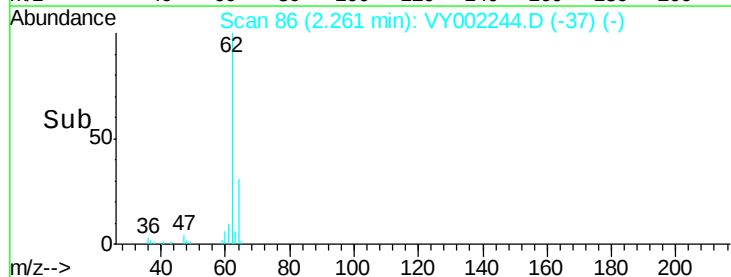
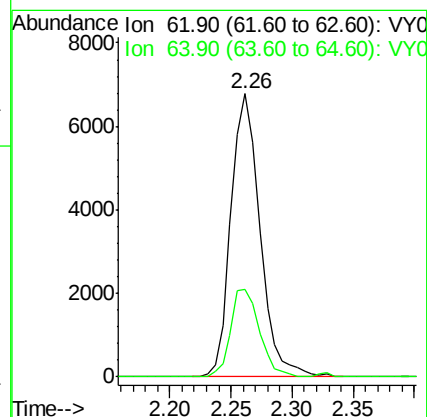
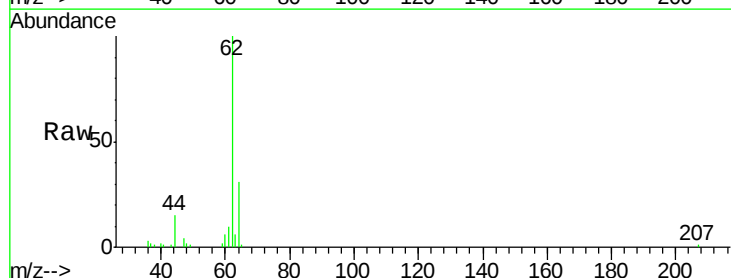
Acq: 08 Apr 2020 11:26

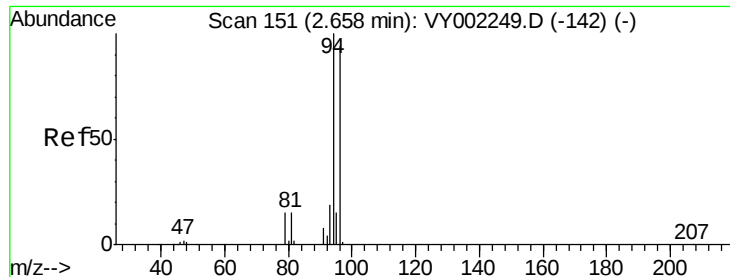
Tgt Ion: 62 Resp: 11187

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.2





#5

Bromomethane

Concen: 5.595 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7359

Ion Ratio Lower Upper

94 100

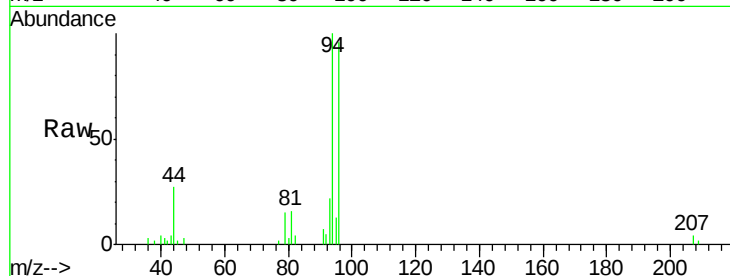
96 96.3 75.6 113.4

Manual Integrations

APPROVED

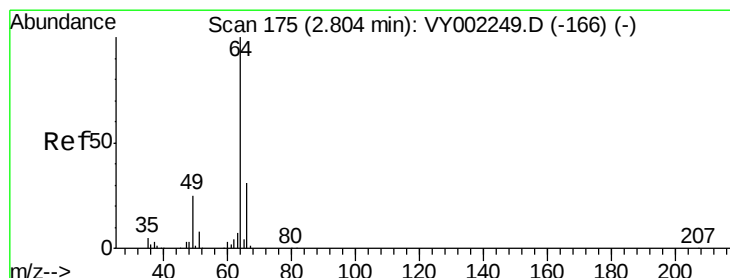
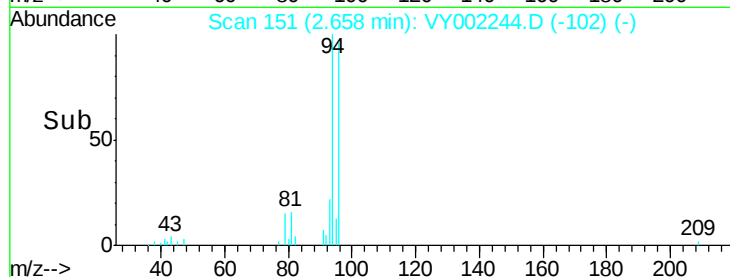
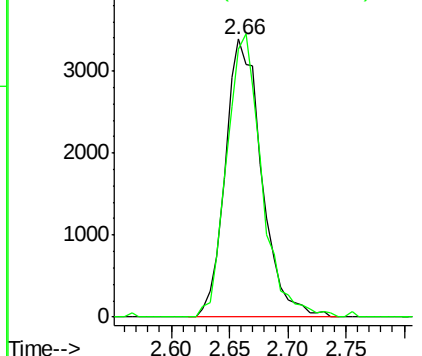
MMDadoda

4/9/2020 11:31:38 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 4.927 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002244.D

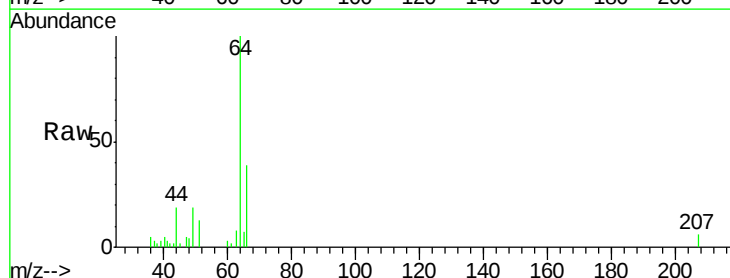
Acq: 08 Apr 2020 11:26

Tgt Ion: 64 Resp: 6052

Ion Ratio Lower Upper

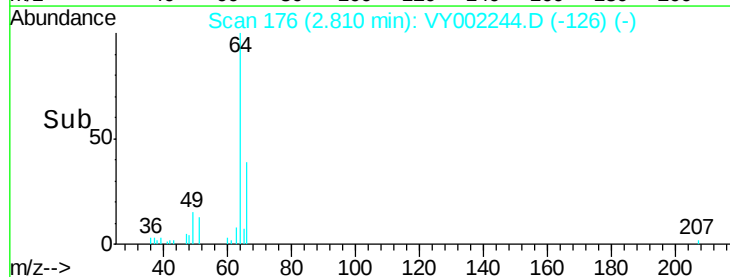
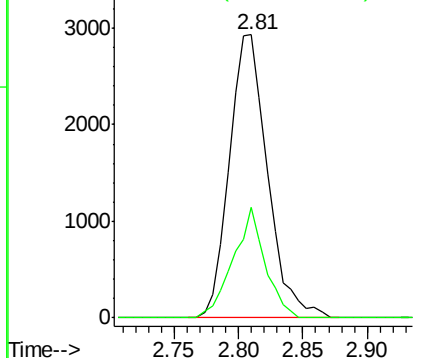
64 100

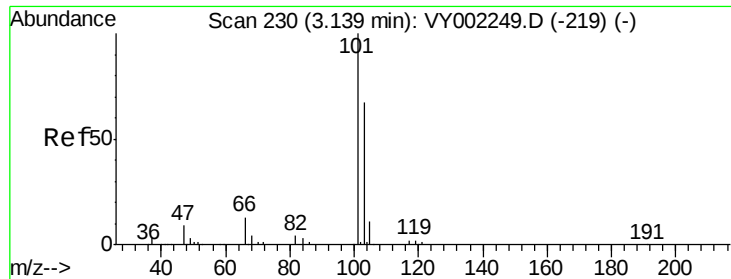
66 39.1 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

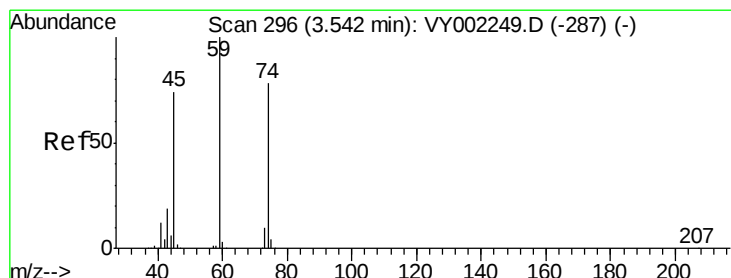
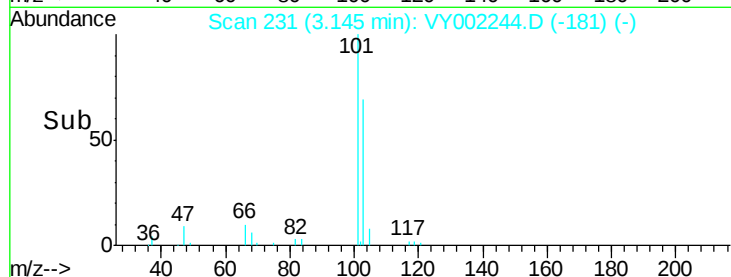
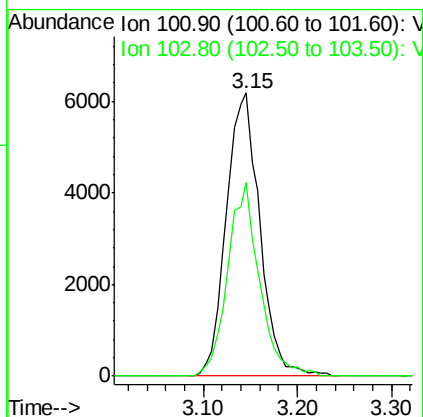
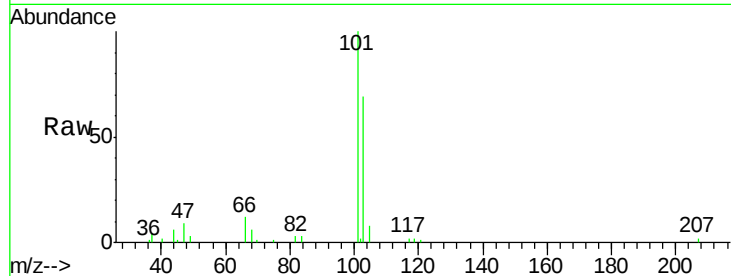
Trichlorofluoromethane  
Concen: 5.562 ug/l  
RT: 3.15 min Scan# 231  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 68.7  | 53.3  | 79.9  |

Manual Integrations  
APPROVED

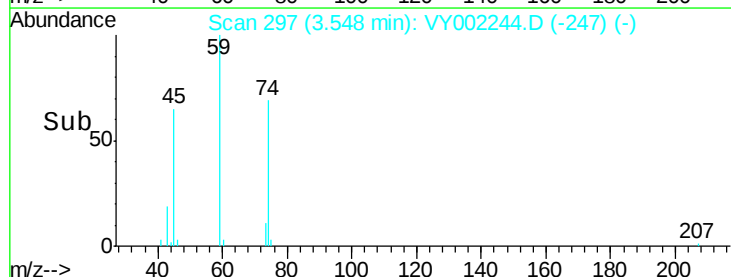
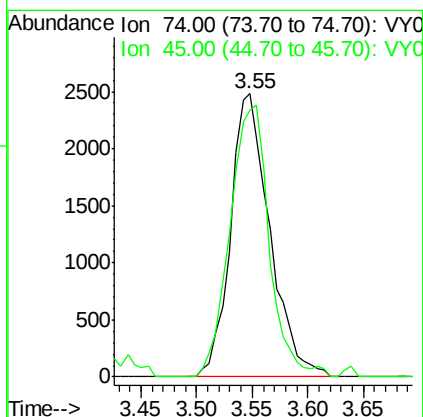
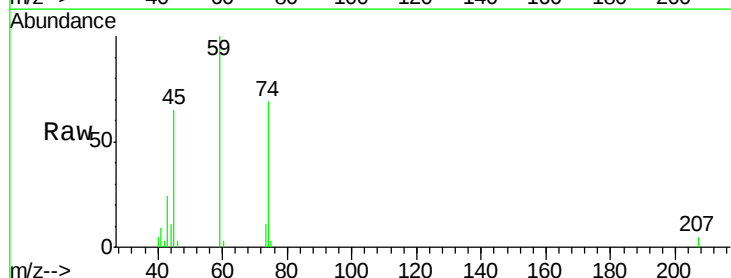
MMDadoda  
4/9/2020 11:31:38 AM

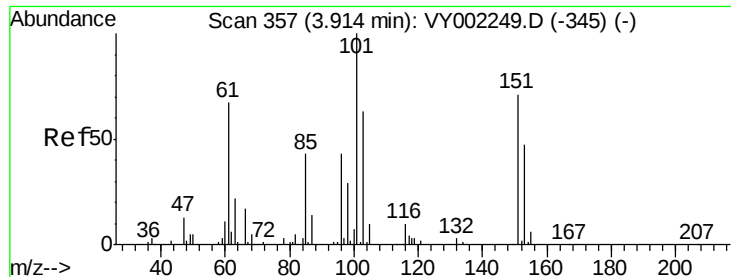


#8

Diethyl Ether  
Concen: 5.182 ug/l  
RT: 3.55 min Scan# 297  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.3  | 48.0  | 144.2 |





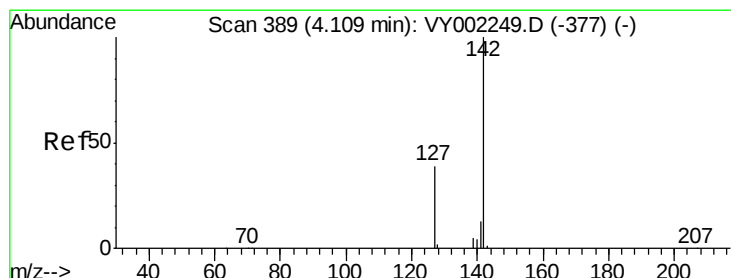
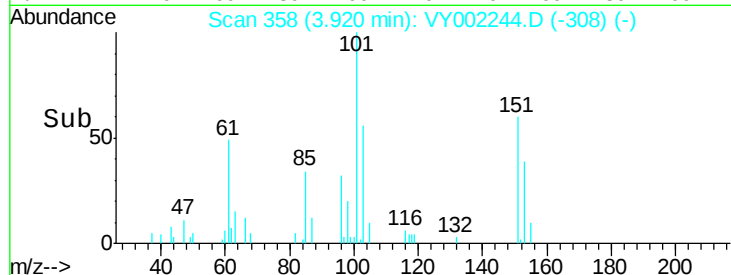
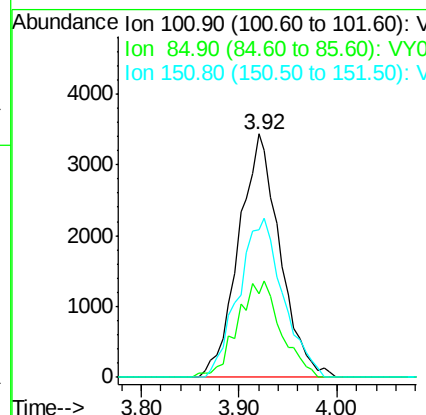
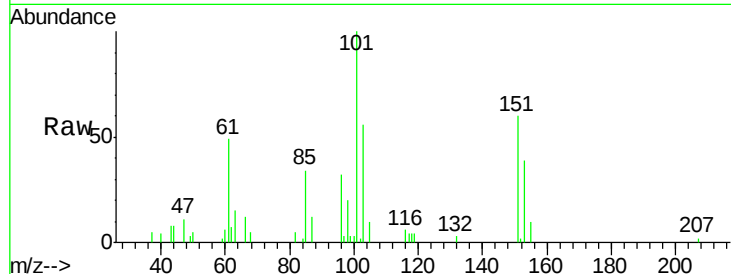
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.404 ug/l  
RT: 3.92 min Scan# 358  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 41.2  | 34.6  | 52.0  |
| 151     | 70.1  | 57.6  | 86.4  |

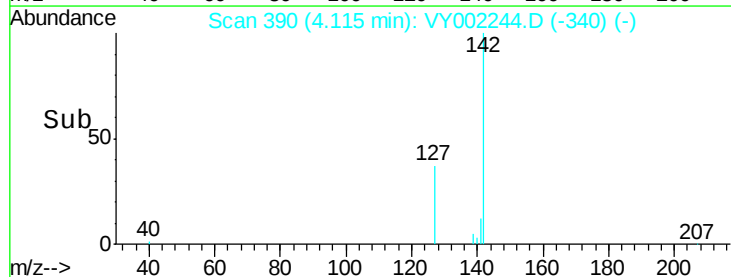
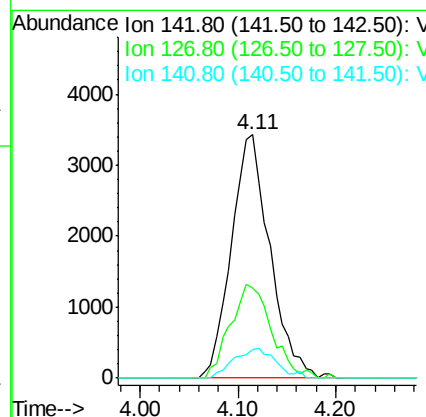
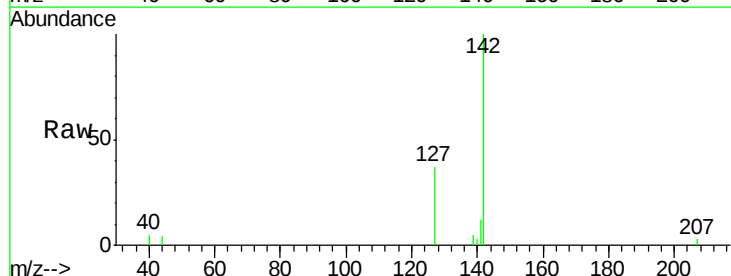
Manual Integrations  
APPROVED

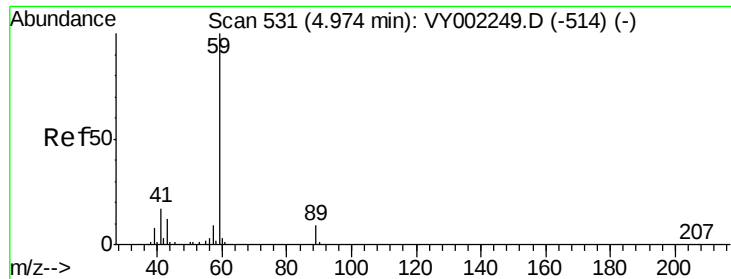
MMDadoda  
4/9/2020 11:31:38 AM



#10  
Methyl Iodide  
Concen: 4.326 ug/l  
RT: 4.11 min Scan# 390  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 41.1  | 32.4  | 48.6  |
| 141     | 13.3  | 11.2  | 16.8  |





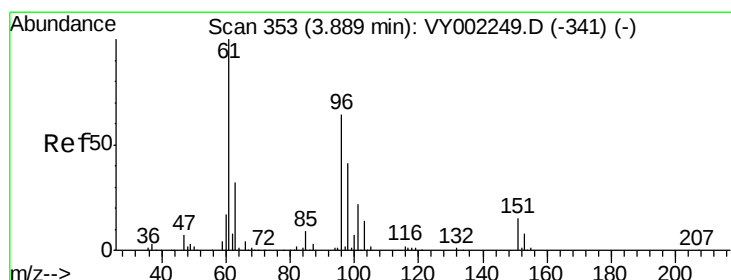
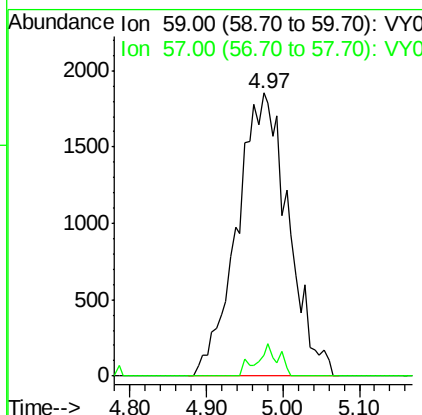
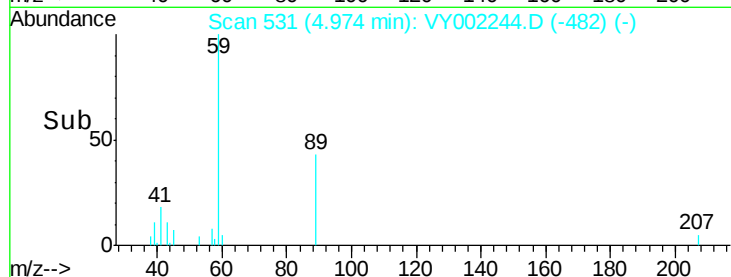
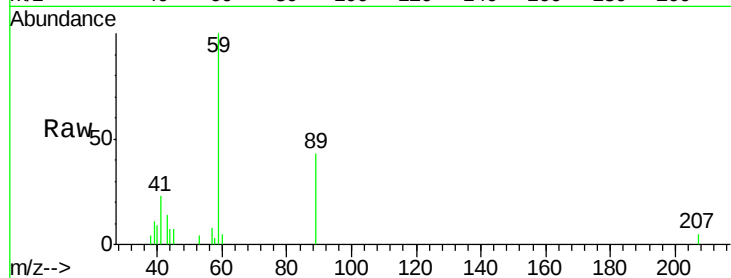
#11  
Tert butyl alcohol  
Concen: 37.445 ug/l  
RT: 4.97 min Scan# 531  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 59 Resp: 8618  
Ion Ratio Lower Upper  
59 100  
57 4.7 6.6 9.8#

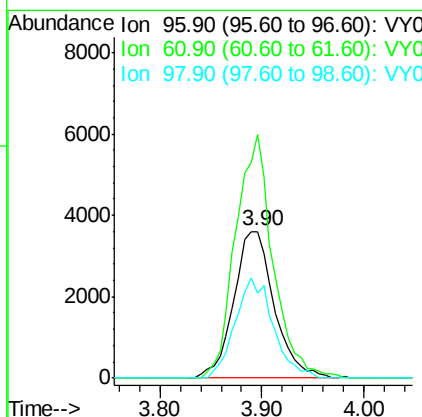
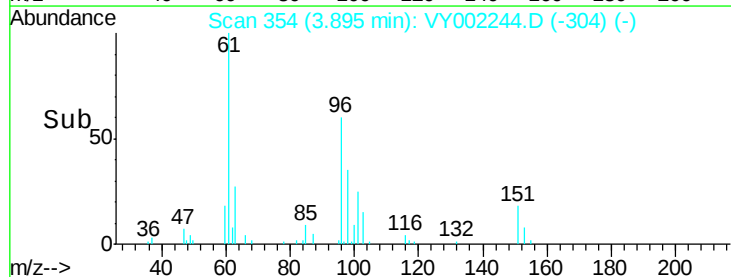
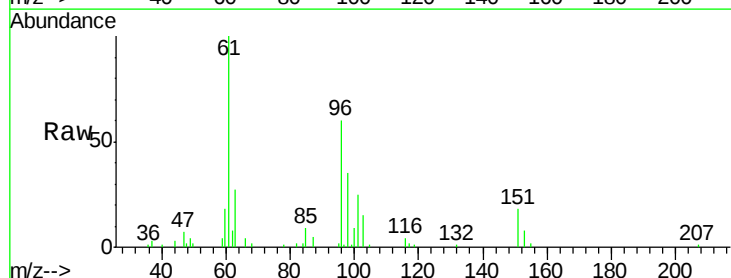
Manual Integrations  
APPROVED

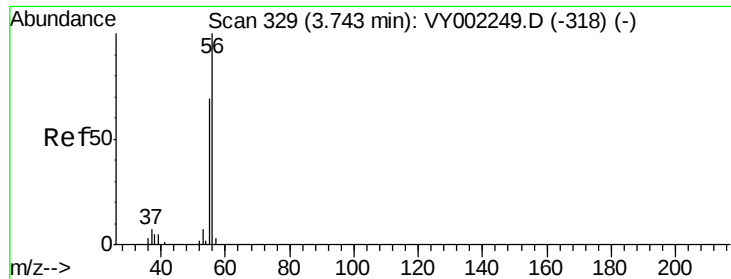
MMDadoda  
4/9/2020 11:31:38 AM



#12  
1,1-Dichloroethene  
Concen: 5.230 ug/l  
RT: 3.90 min Scan# 354  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Tgt Ion: 96 Resp: 9935  
Ion Ratio Lower Upper  
96 100  
61 165.7 125.9 188.9  
98 57.6 51.1 76.7





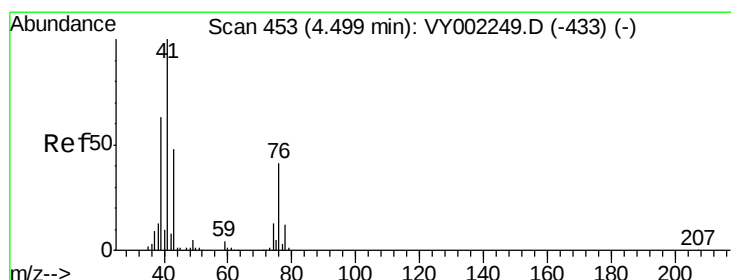
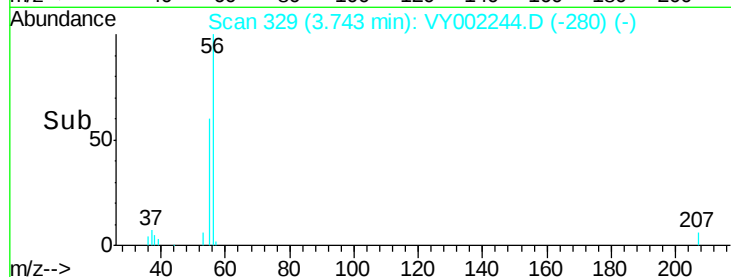
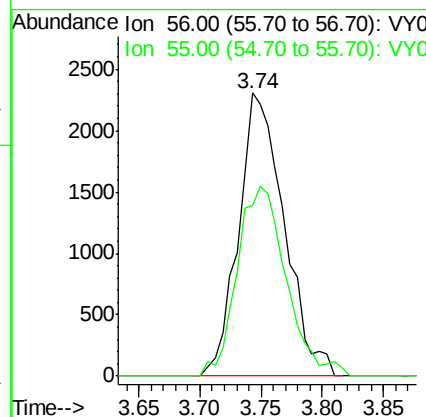
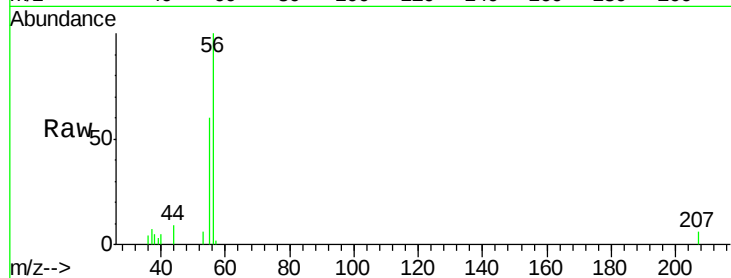
#13  
 Acrolein  
 Concen: 26.432 ug/l  
 RT: 3.74 min Scan# 329  
 Delta R.T. -0.00 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 72.1  | 55.8  | 83.8  |

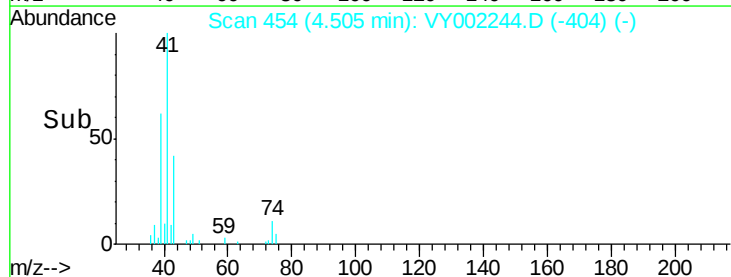
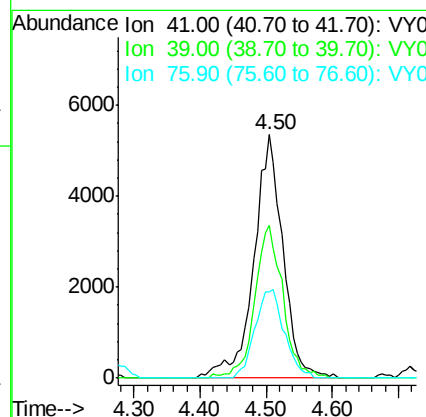
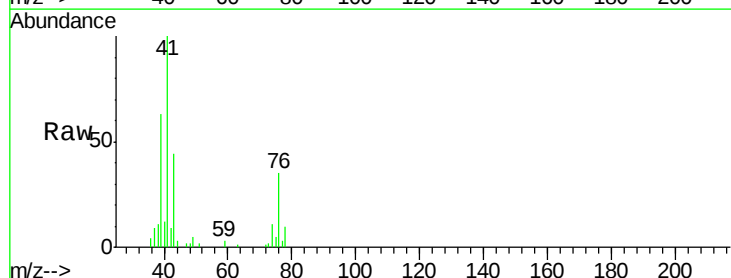
Manual Integrations  
 APPROVED

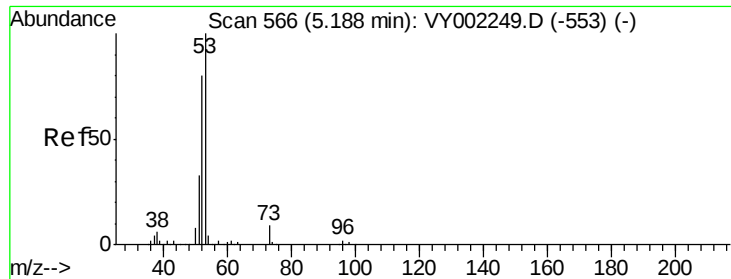
MMDadoda  
 4/9/2020 11:31:38 AM



#14  
 Allyl chloride  
 Concen: 5.332 ug/l  
 RT: 4.50 min Scan# 454  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 60.8  | 48.0  | 72.0  |
| 76      | 36.7  | 31.0  | 46.6  |





#15

Acrylonitrile

Concen: 25.890 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

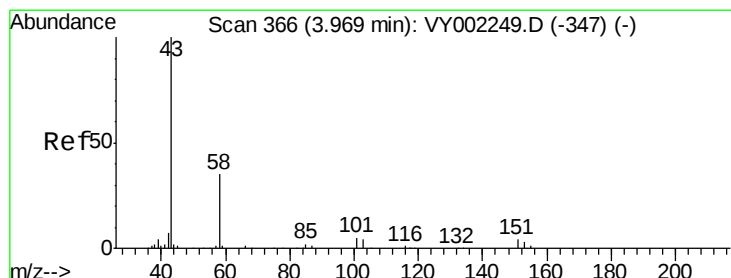
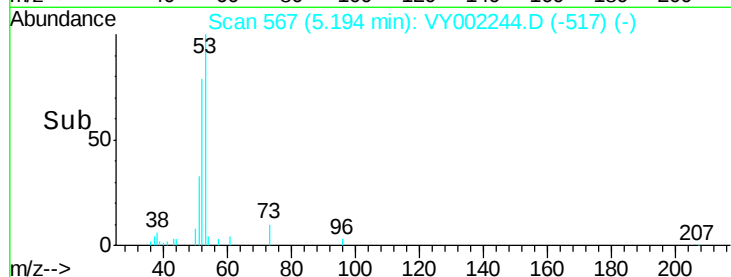
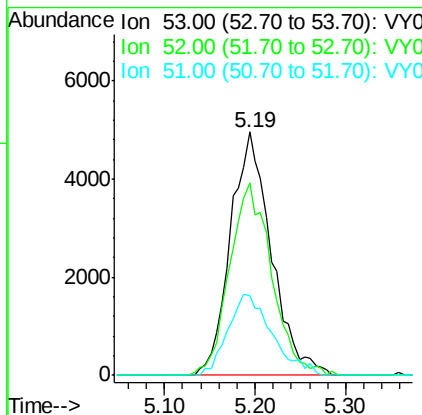
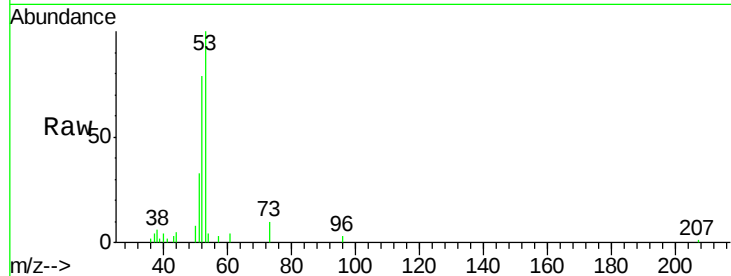
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 15481 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.3  | 65.1  | 97.7  |
| 51       | 35.9  | 27.1  | 40.7  |

Manual Integrations  
APPROVED

MMDadoda  
4/9/2020 11:31:38 AM



#16

Acetone

Concen: 27.720 ug/l

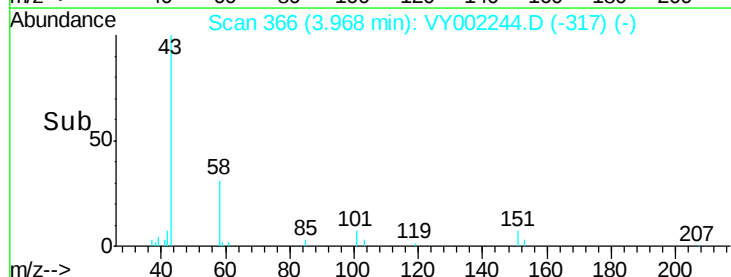
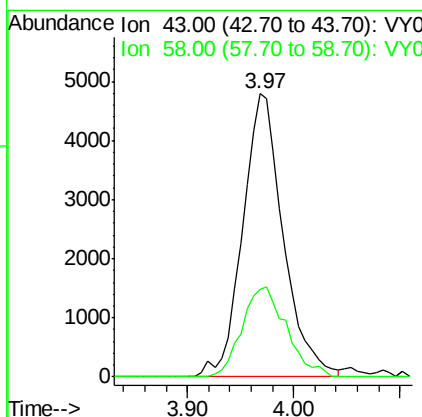
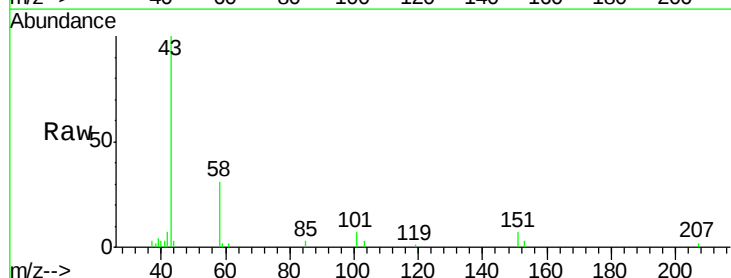
RT: 3.97 min Scan# 366

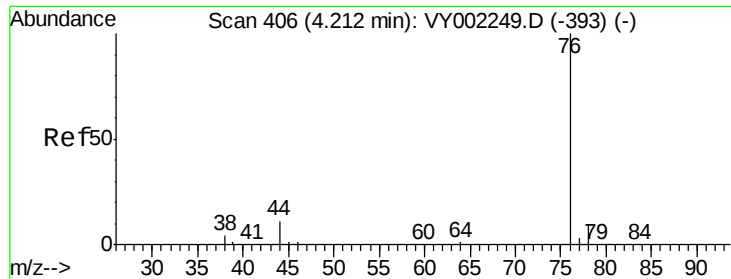
Delta R.T. -0.00 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 12772 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.9  | 28.5  | 42.7  |





#17

Carbon Disulfide

Concen: 5.184 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 32702

Ion Ratio Lower Upper

76 100

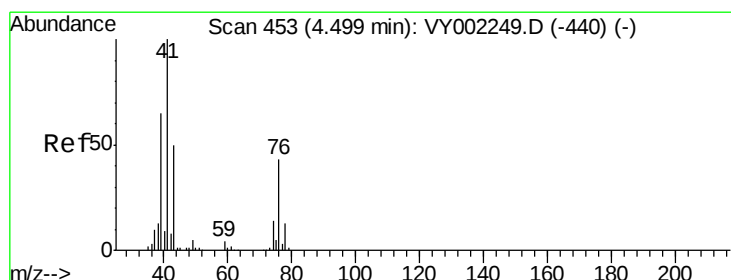
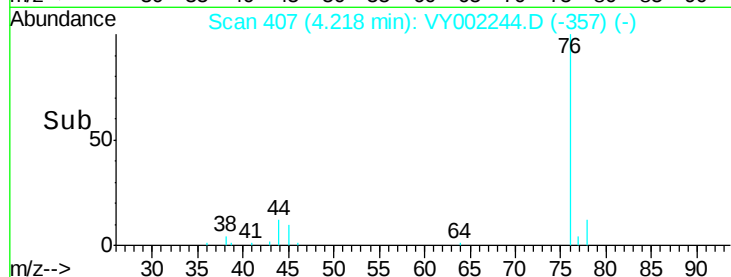
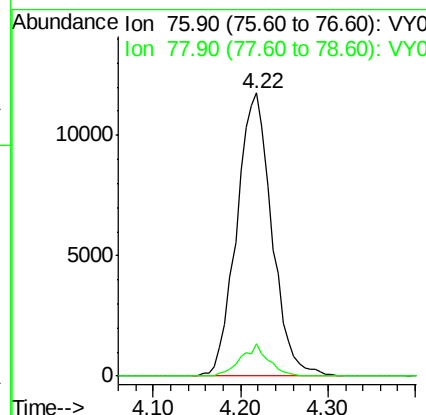
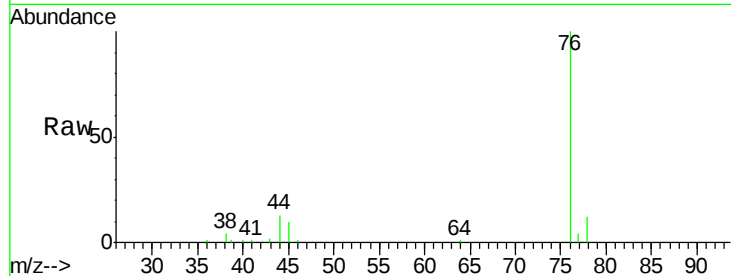
78 11.6 7.7 11.5#

Manual Integrations

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MMDadoda

4/9/2020 11:31:38 AM



#18

Methyl Acetate

Concen: 5.430 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002244.D

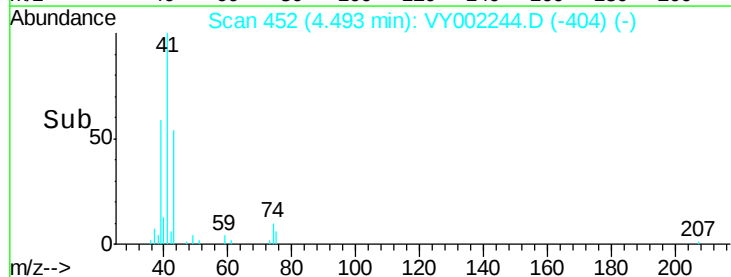
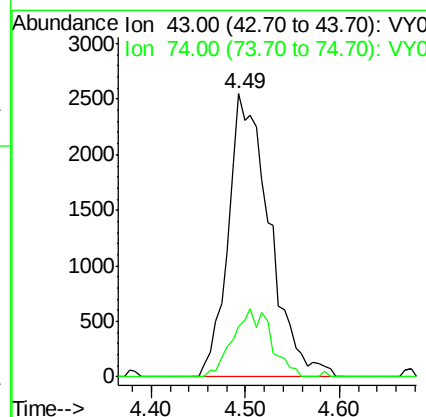
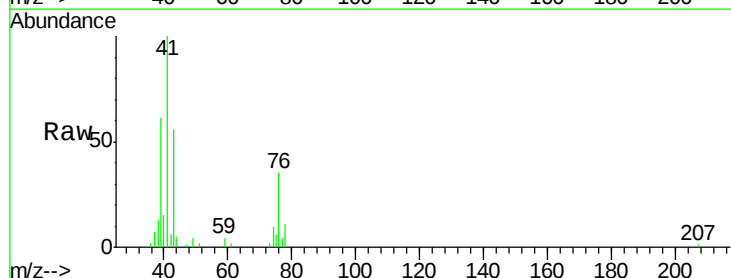
Acq: 08 Apr 2020 11:26

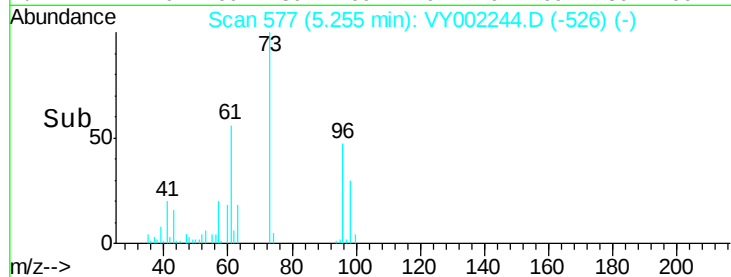
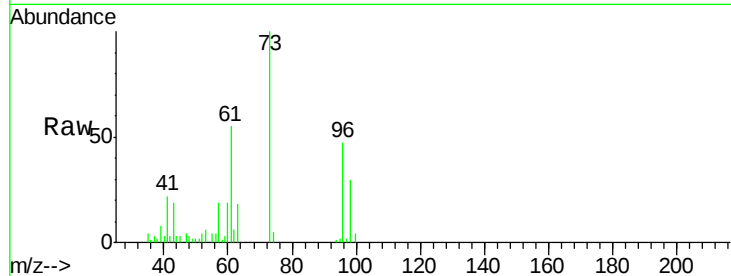
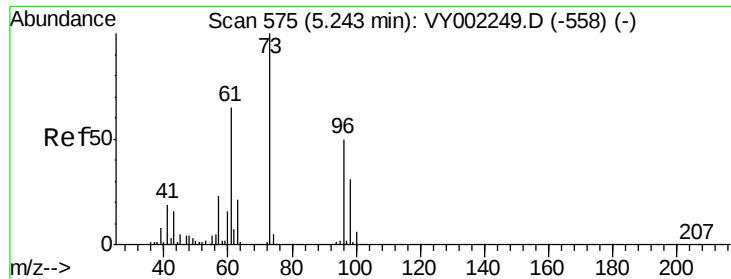
Tgt Ion: 43 Resp: 7760

Ion Ratio Lower Upper

43 100

74 22.3 20.3 30.5





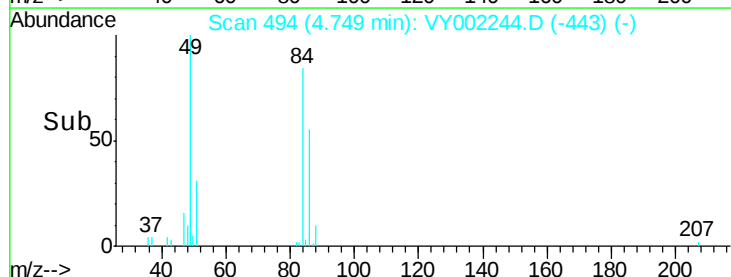
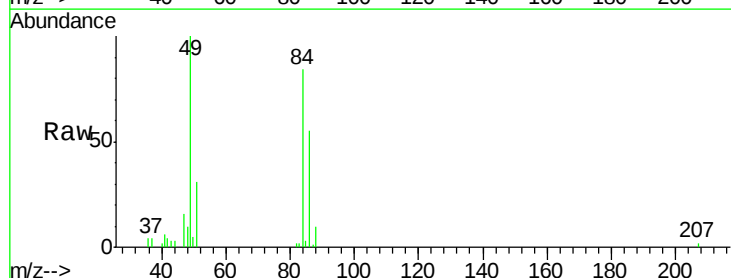
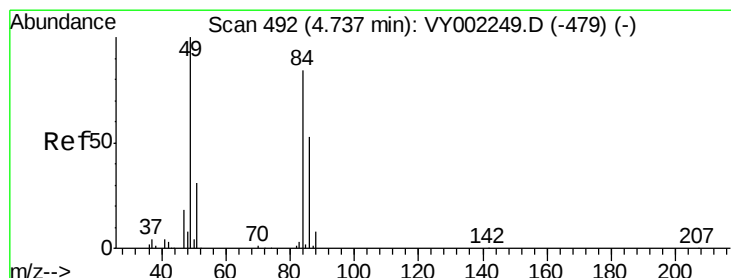
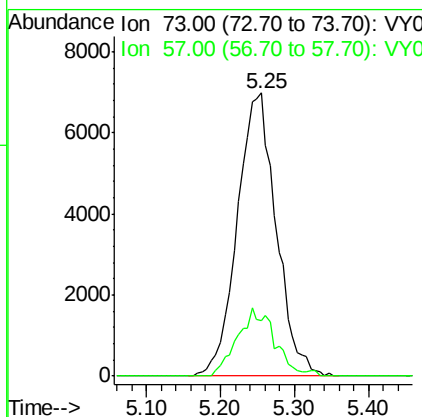
#19  
Methvl tert-butvl Ether  
Concen: 5.128 ug/l  
RT: 5.25 min Scan# 577  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Tot Ion: 73 Resp: 25607  
Ion Ratio Lower Upper  
73 100  
57 19.5 18.7 28.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

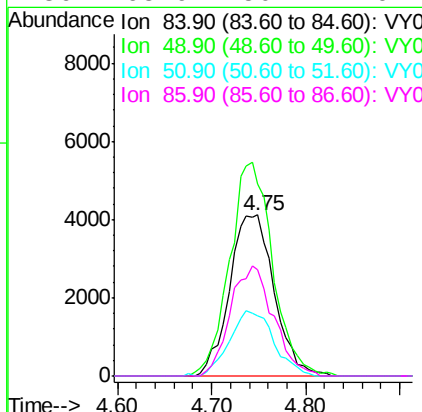
Manual Integrations  
APPROVED

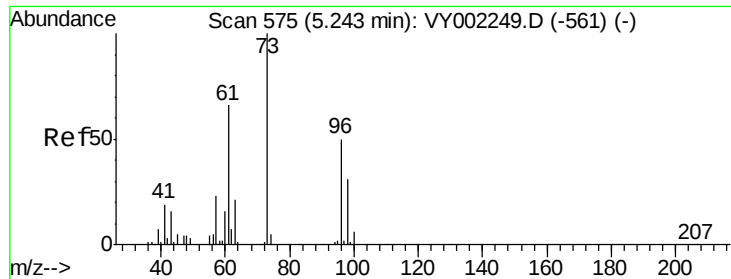
MMDadoda  
4/9/2020 11:31:38 AM



#20  
Methylene Chloride  
Concen: 6.005 ug/l  
RT: 4.75 min Scan# 494  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Tgt Ion: 84 Resp: 13600  
Ion Ratio Lower Upper  
84 100  
49 118.8 95.5 143.3  
51 37.4 29.5 44.3  
86 65.9 50.7 76.1





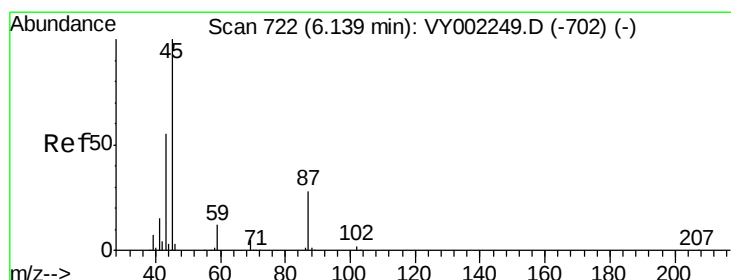
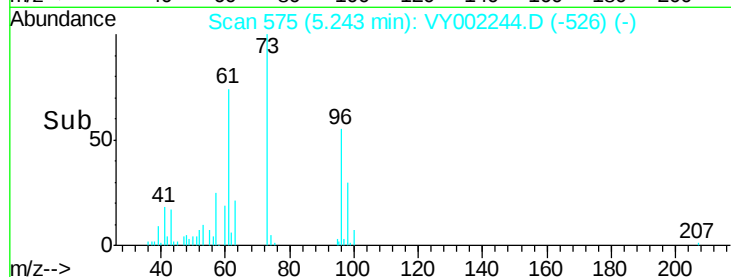
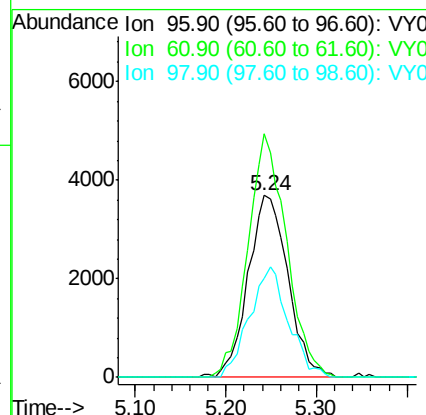
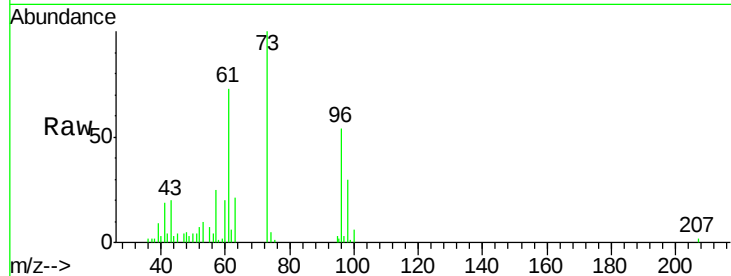
#21  
trans-1,2-Dichloroethene  
Concen: 5.270 ug/l  
RT: 5.24 min Scan# 575  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 133.9 | 104.6 | 157.0 |
| 98      | 54.8  | 50.1  | 75.1  |

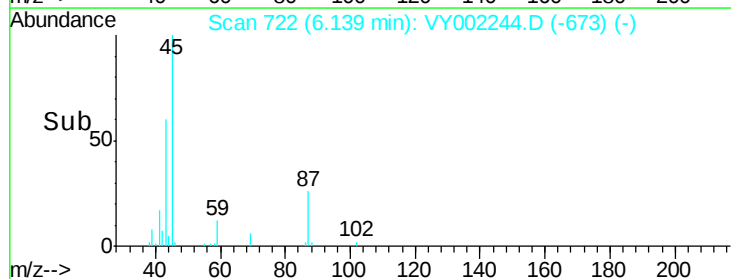
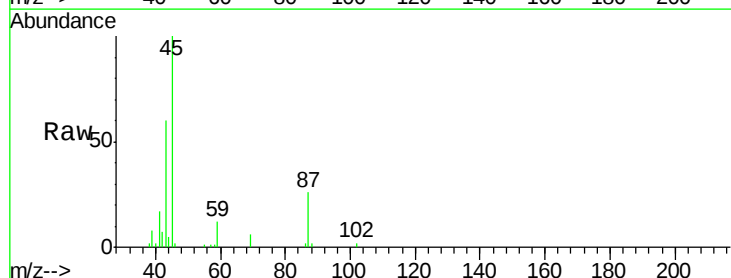
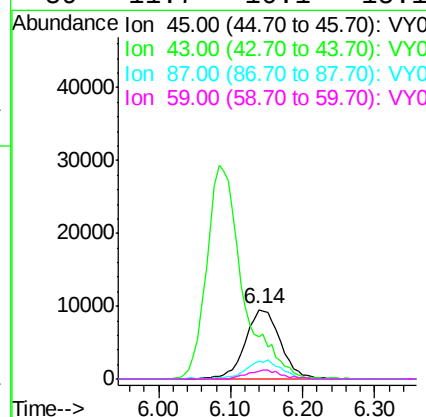
Manual Integrations  
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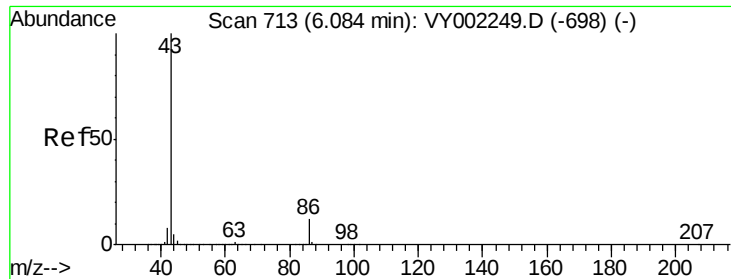
MMDadoda  
4/9/2020 11:31:38 AM



#22  
Diisopropyl ether  
Concen: 5.234 ug/l  
RT: 6.14 min Scan# 722  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 60.0  | 44.7  | 67.1  |
| 87      | 25.8  | 23.0  | 34.4  |
| 59      | 11.7  | 10.1  | 15.1  |





#23

Vinyl Acetate

Concen: 25.842 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 101653

Ion Ratio Lower Upper

43 100

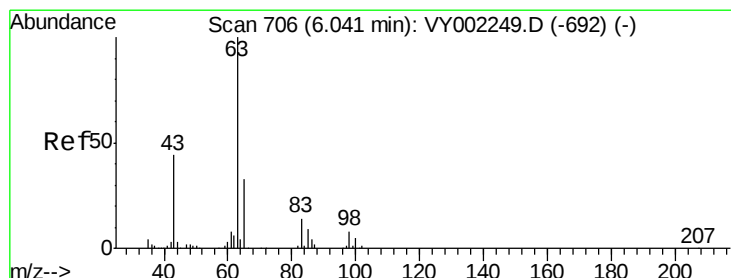
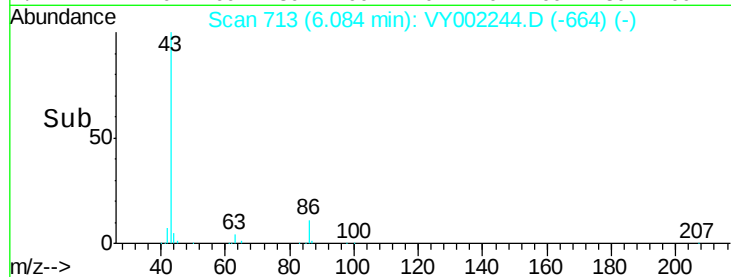
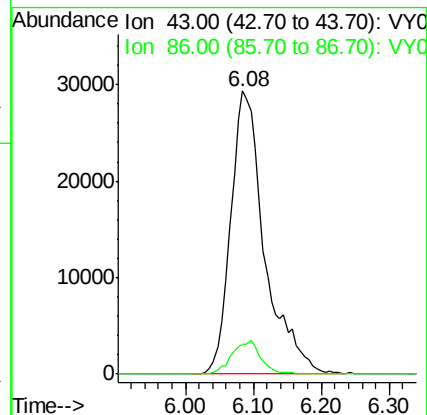
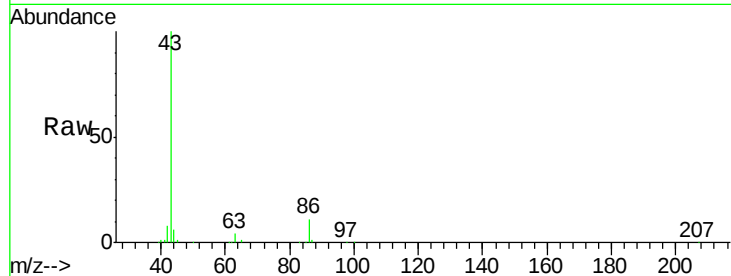
86 10.6 9.2 13.8

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:31:38 AM



#24

1,1-Dichloroethane

Concen: 5.203 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

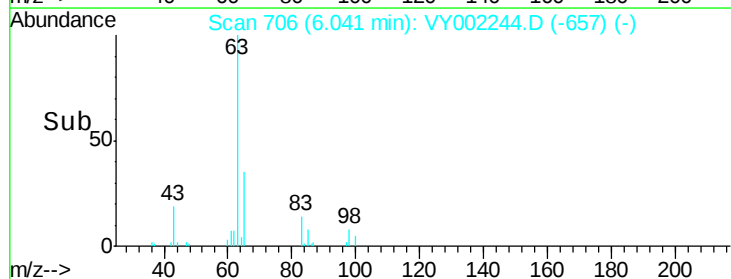
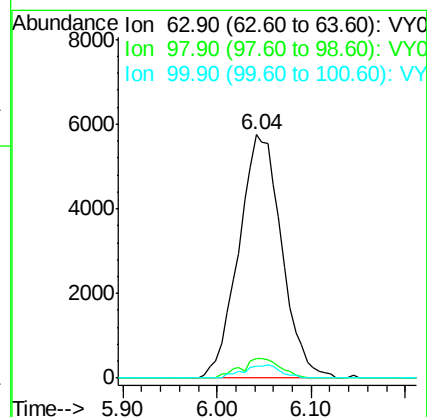
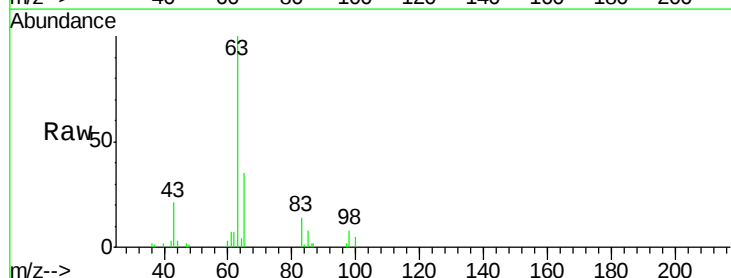
Tgt Ion: 63 Resp: 18269

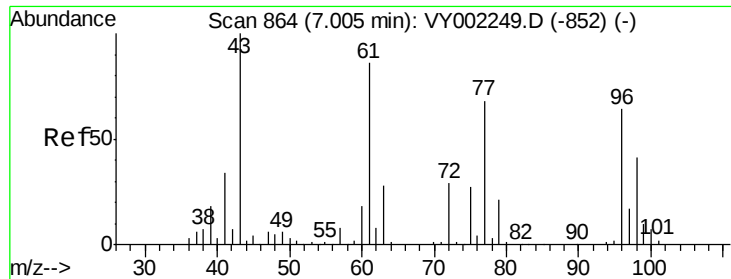
Ion Ratio Lower Upper

63 100

98 8.2 4.0 12.0

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 27.807 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 20276

Ion Ratio Lower Upper

43 100

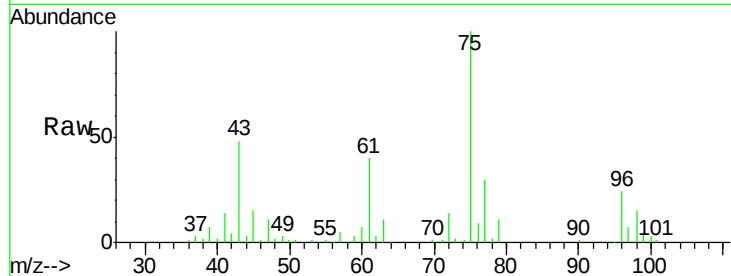
72 29.4 23.2 34.8

Manual Integrations

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MMDadoda

4/9/2020 11:31:38 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

8000

6000

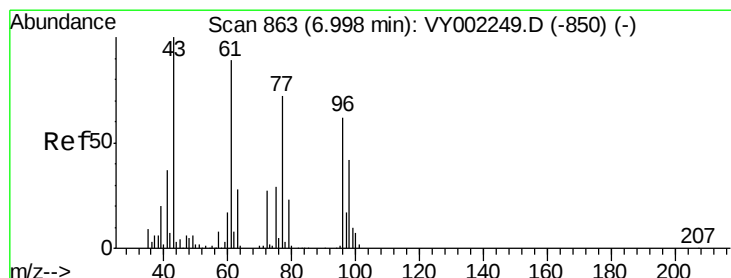
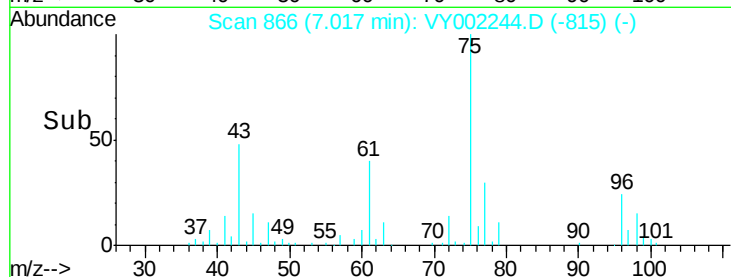
4000

2000

0

Time-->

6.90 6.95 7.00 7.05 7.10



#26

2,2-Dichloropropane

Concen: 5.813 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY002244.D

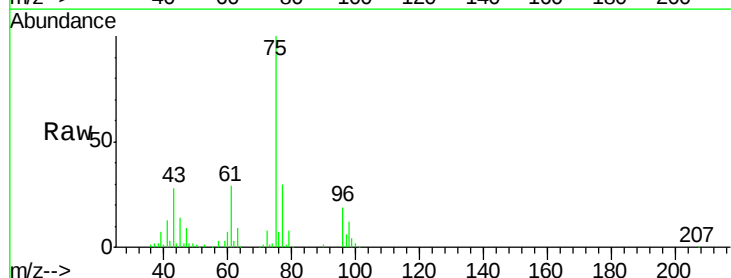
Acq: 08 Apr 2020 11:26

Tgt Ion: 77 Resp: 17073

Ion Ratio Lower Upper

77 100

97 20.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

6000

5000

4000

3000

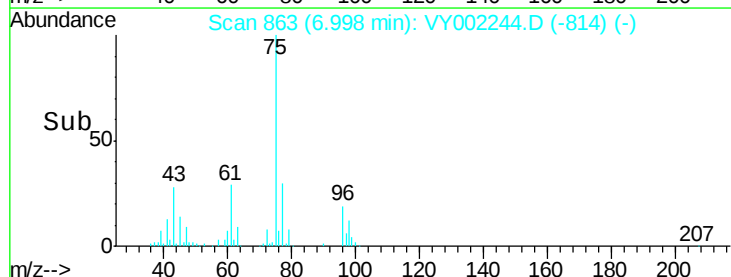
2000

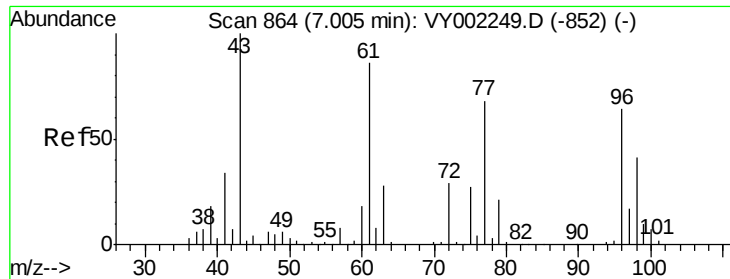
1000

0

Time-->

6.90 7.00 7.10





#27

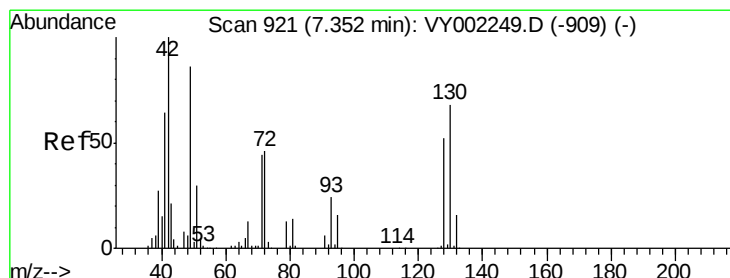
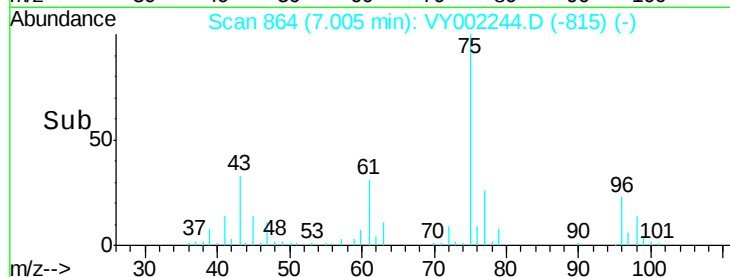
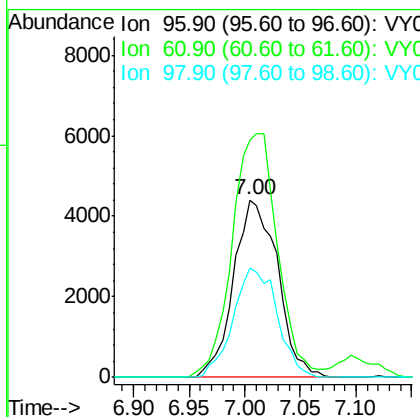
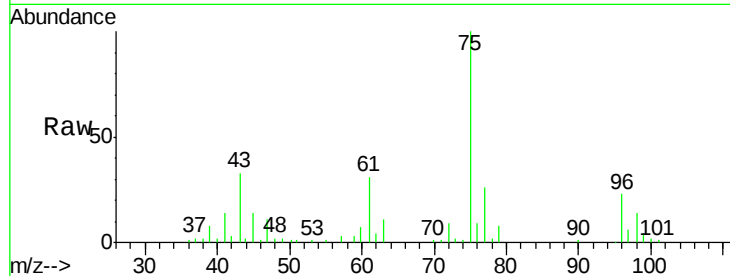
cis-1,2-Dichloroethene  
Concen: 5.220 ug/l  
RT: 7.00 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.8 | 0.0   | 278.0 |
| 98      | 61.6  | 0.0   | 128.6 |

Manual Integrations  
APPROVED

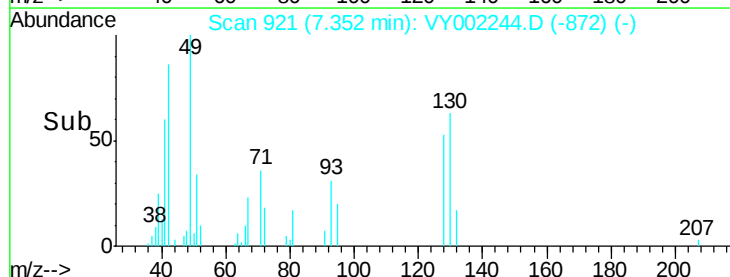
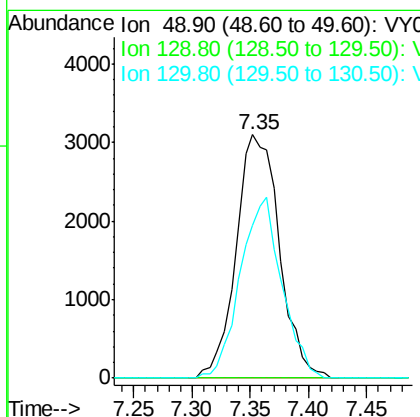
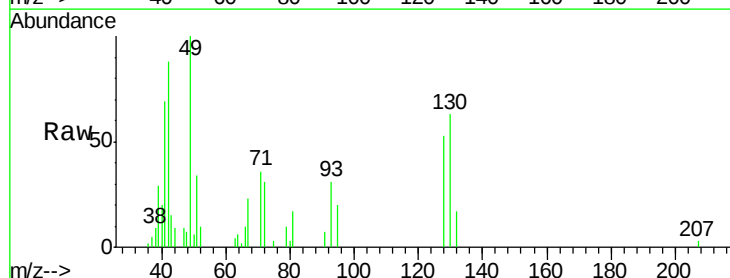
MMDadoda  
4/9/2020 11:31:38 AM

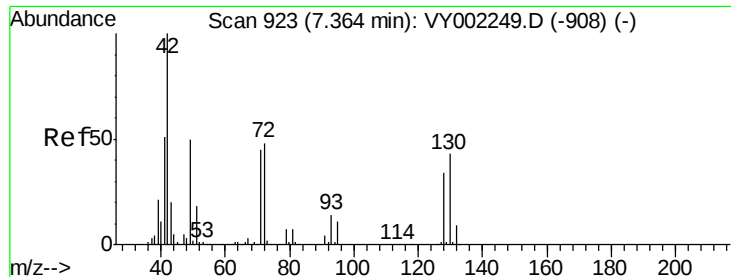


#28

Bromochloromethane  
Concen: 5.284 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.0   | 0.0   | 4.2   |
| 130     | 71.2  | 60.9  | 91.3  |





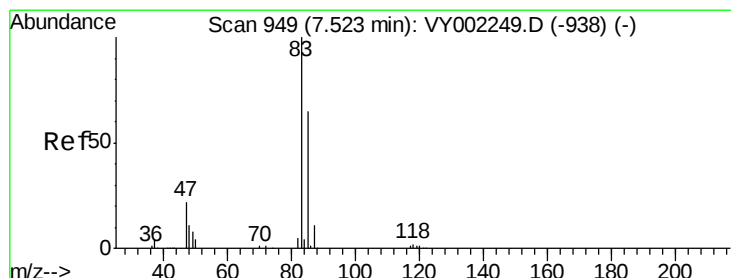
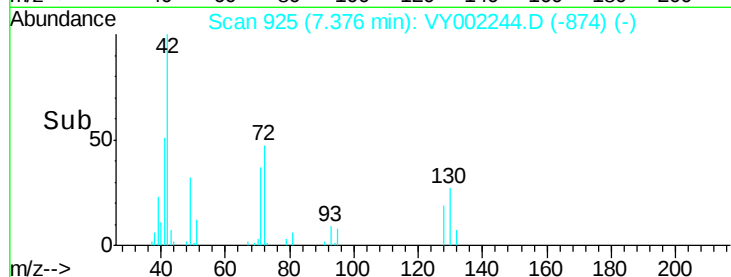
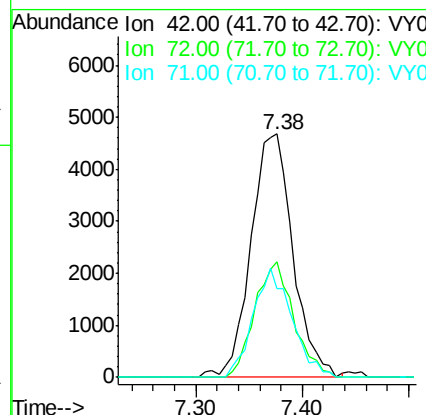
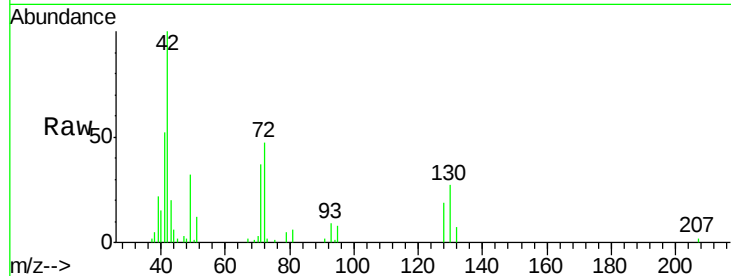
#29  
Tetrahydrofuran  
Concen: 26.809 ug/l  
RT: 7.38 min Scan# 925  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.0  | 36.7  | 55.1  |
| 71      | 41.2  | 34.7  | 52.1  |

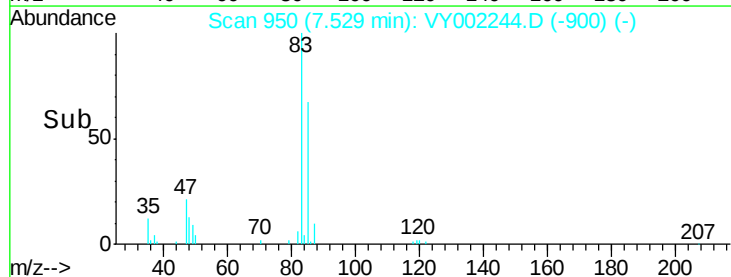
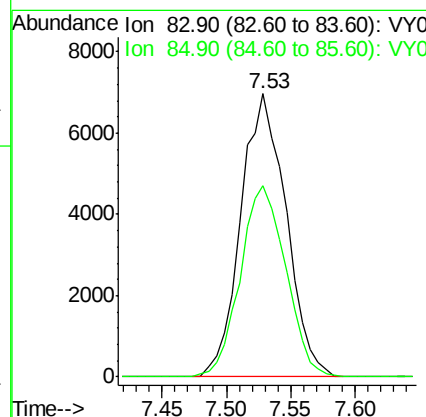
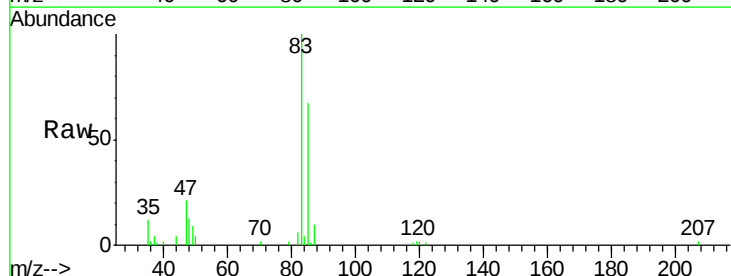
Manual Integrations  
APPROVED

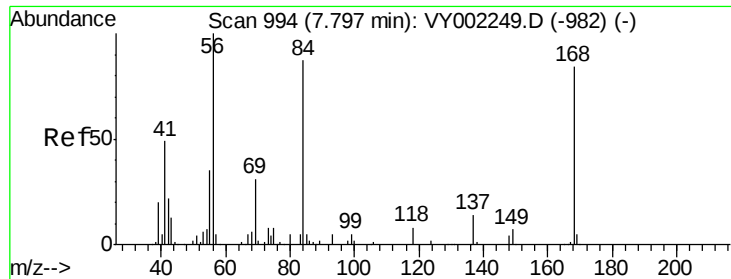
MMDadoda  
4/9/2020 11:31:38 AM



#30  
Chloroform  
Concen: 5.127 ug/l  
RT: 7.53 min Scan# 950  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.4  | 52.0  | 78.0  |





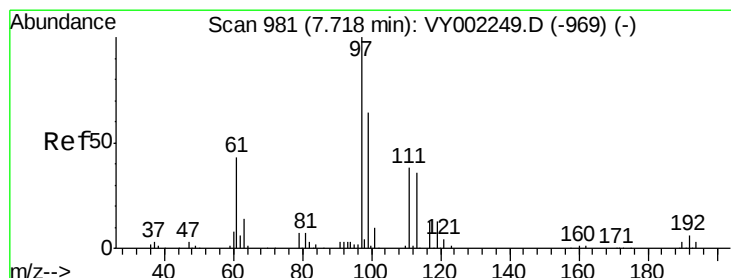
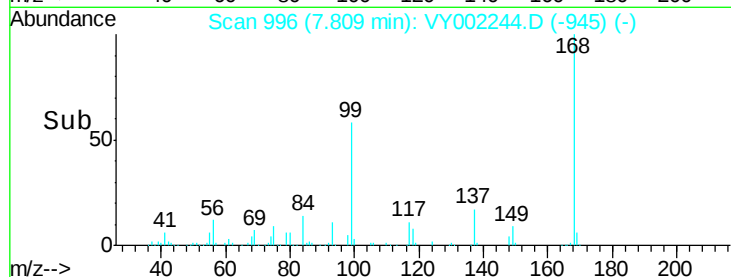
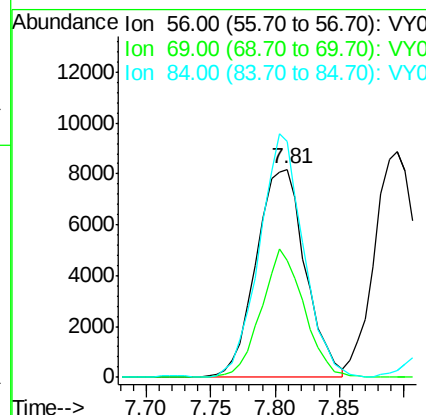
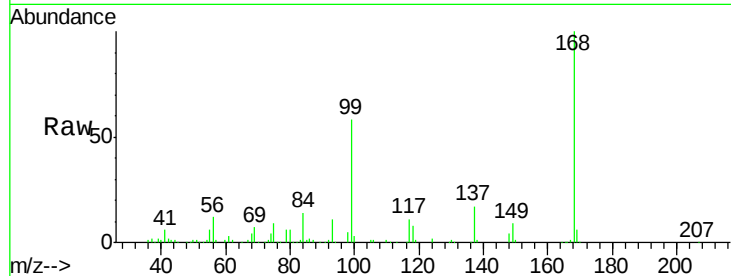
#31  
Cyclohexane  
Concen: 5.885 ug/l  
RT: 7.81 min Scan# 996  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 56      | 100   |       |        |
| 69      | 56.5  | 25.0  | 37.6#  |
| 84      | 113.4 | 69.7  | 104.5# |

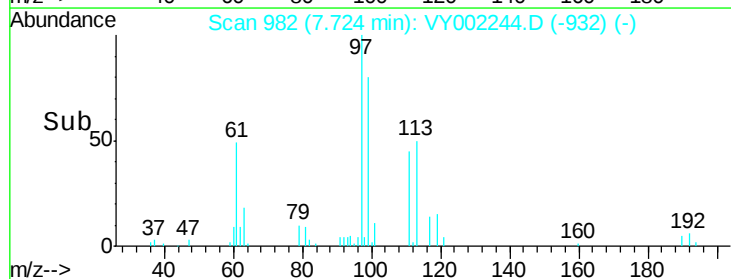
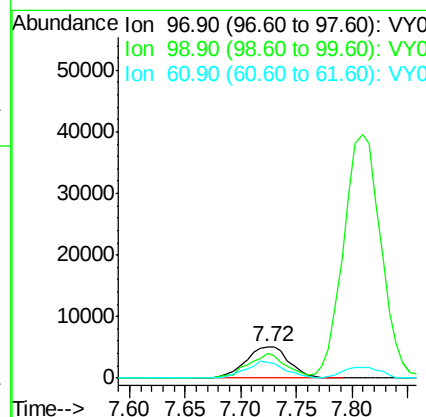
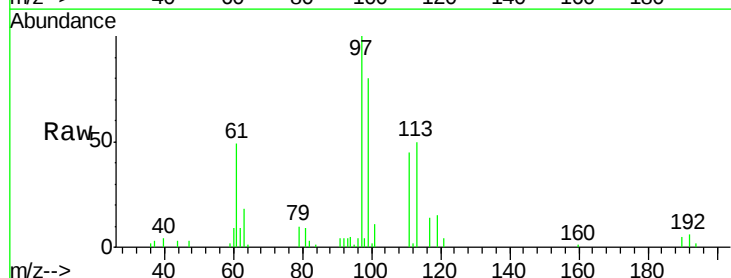
Manual Integrations  
APPROVED

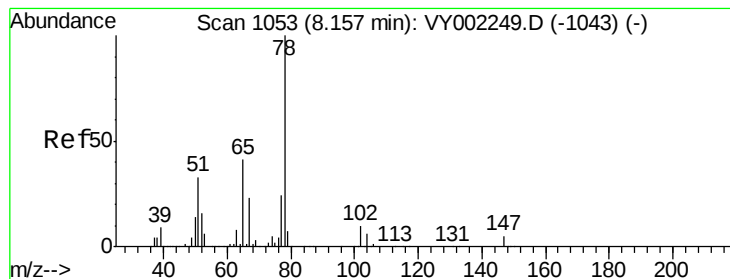
MMDadoda  
4/9/2020 11:31:38 AM



#32  
1,1,1-Trichloroethane  
Concen: 5.013 ug/l  
RT: 7.72 min Scan# 982  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 68.7  | 51.3  | 76.9  |
| 61      | 48.9  | 34.3  | 51.5  |





#33

1,2-Dichloroethane-d4

Concen: 5.570 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 9744

Ion Ratio Lower Upper

65 100

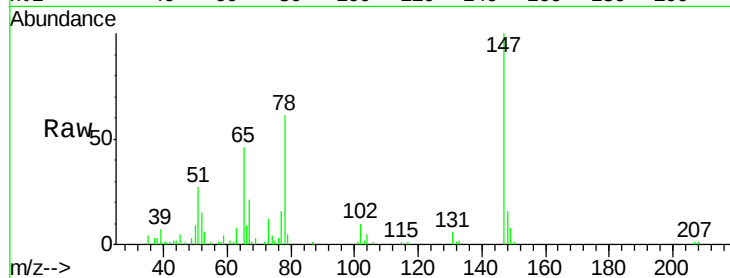
67 60.1 0.0 114.0

Manual Integrations

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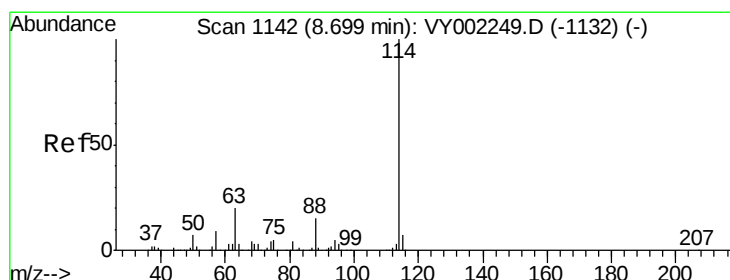
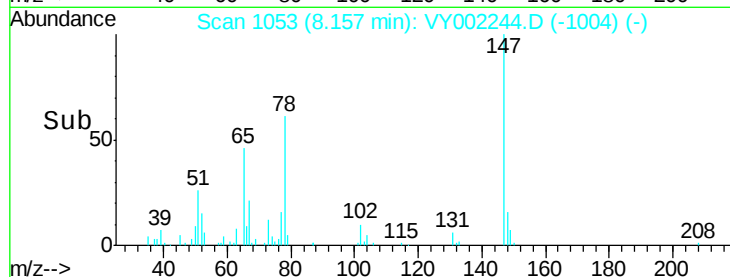
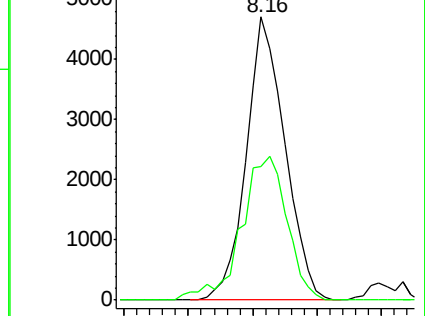
MMDadoda

4/9/2020 11:31:38 AM



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

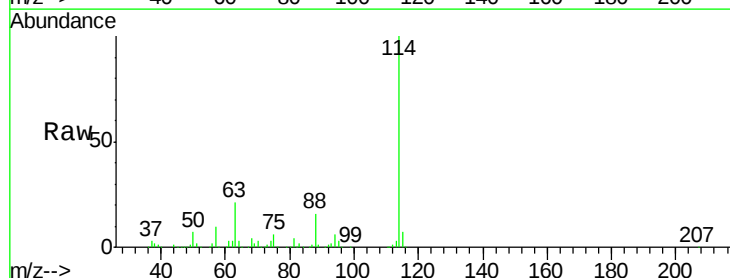
Tgt Ion: 114 Resp: 282376

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

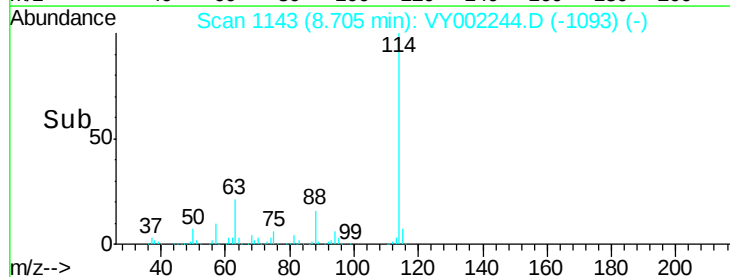
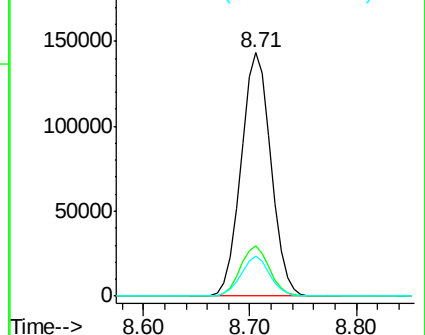
88 16.4 0.0 31.0

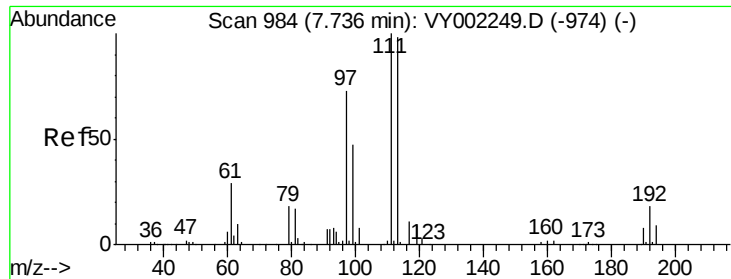


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





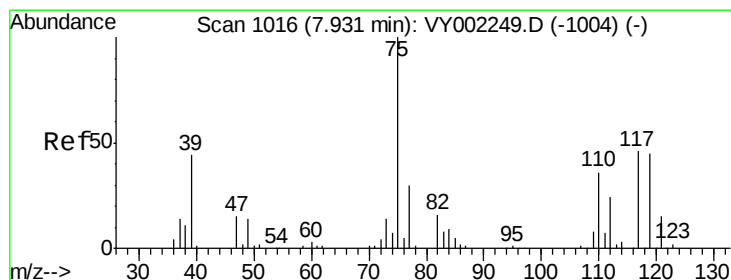
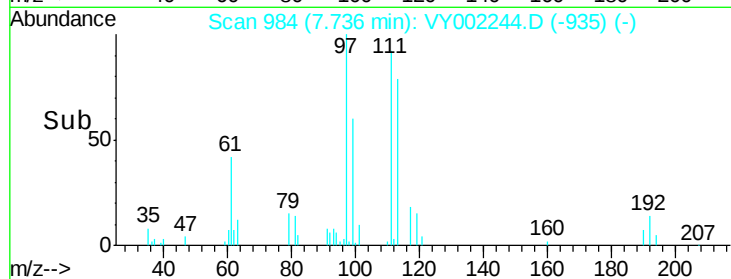
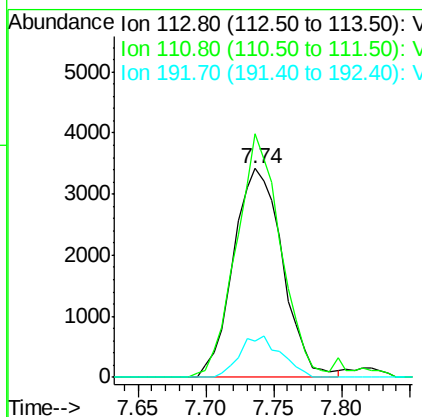
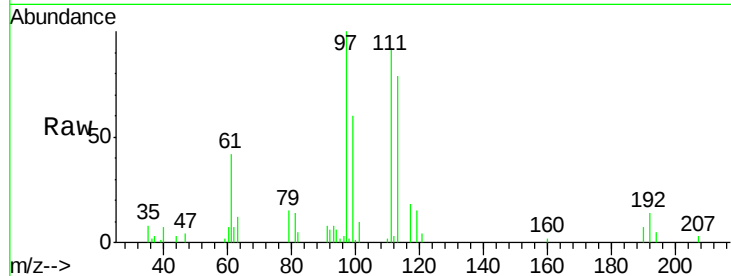
#35  
 Dibromofluoromethane  
 Concen: 5.153 ug/l  
 RT: 7.74 min Scan# 984  
 Delta R.T. -0.00 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   | 8659 |       |       |
| 111     | 105.2 |      | 83.5  | 125.3 |
| 192     | 16.5  |      | 14.7  | 22.1  |

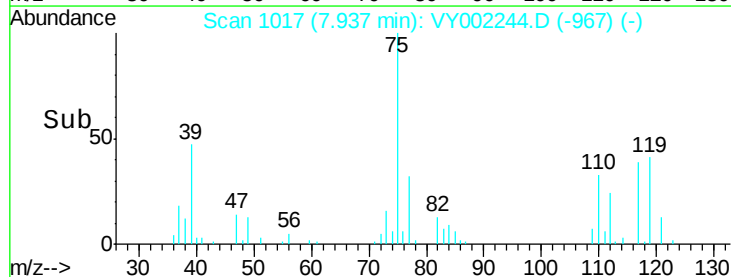
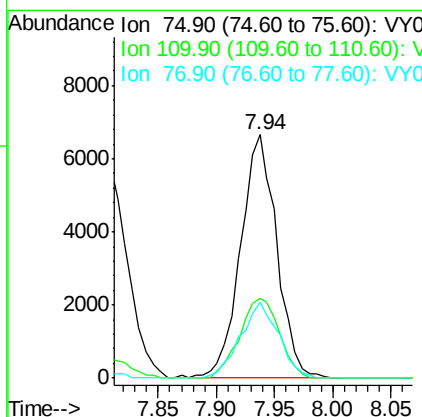
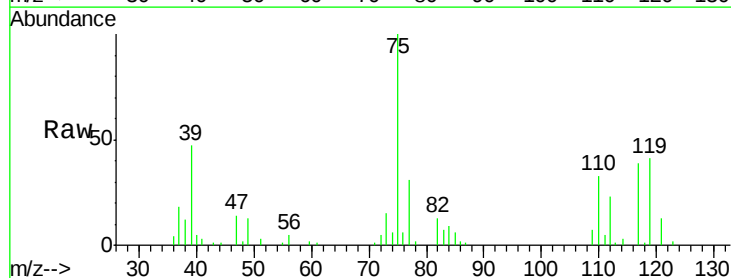
Manual Integrations  
 APPROVED

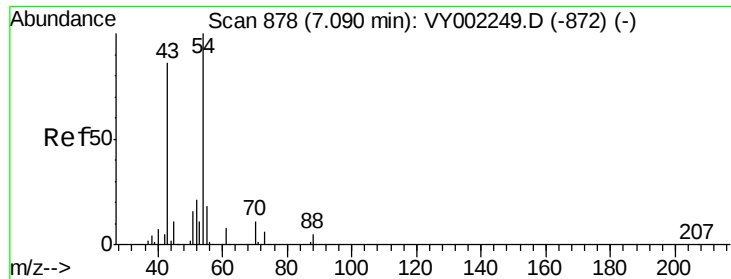
MMDadoda  
 4/9/2020 11:31:38 AM



#36  
 1,1-Dichloropropene  
 Concen: 5.189 ug/l  
 RT: 7.94 min Scan# 1017  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 14433 |       |       |
| 110     | 35.9  |       | 17.8  | 53.3  |
| 77      | 33.0  |       | 24.4  | 36.6  |





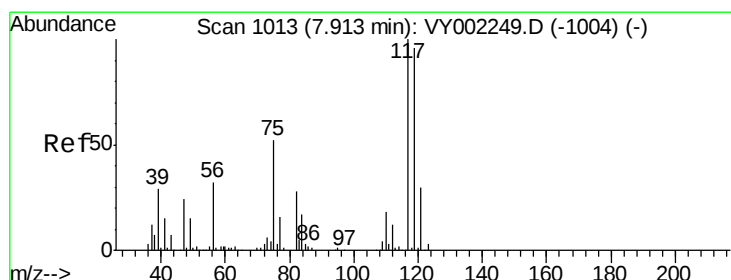
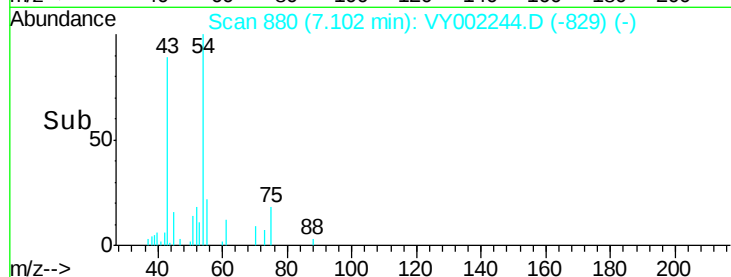
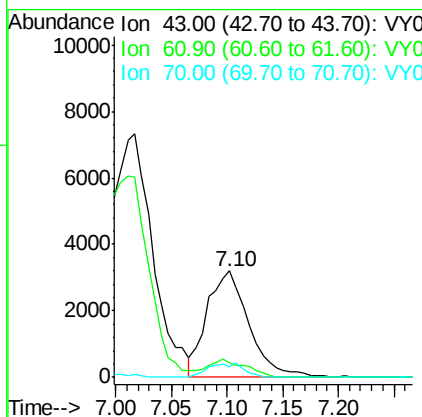
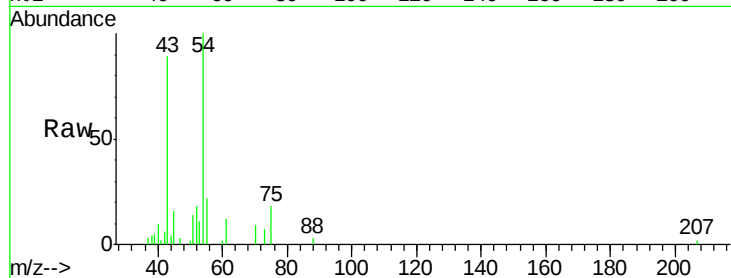
#37  
Ethyl Acetate  
Concen: 5.305 ug/l  
RT: 7.10 min Scan# 880  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.1  | 11.8  | 17.6  |
| 70      | 11.0  | 9.1   | 13.7  |

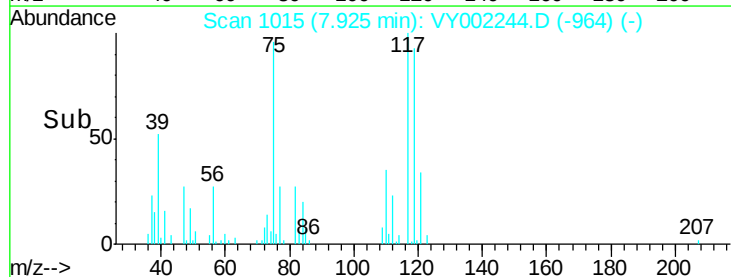
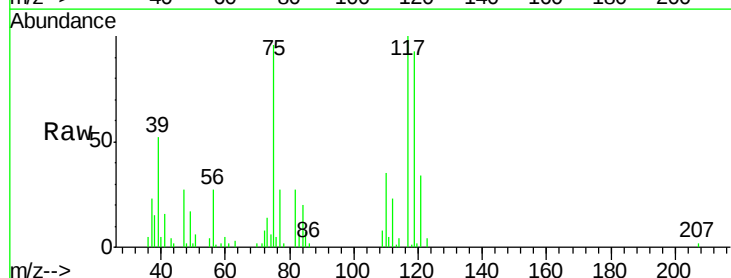
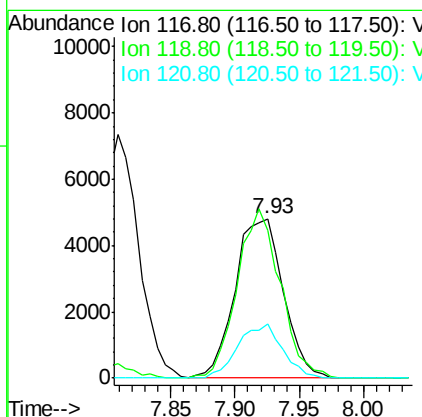
Manual Integrations  
APPROVED

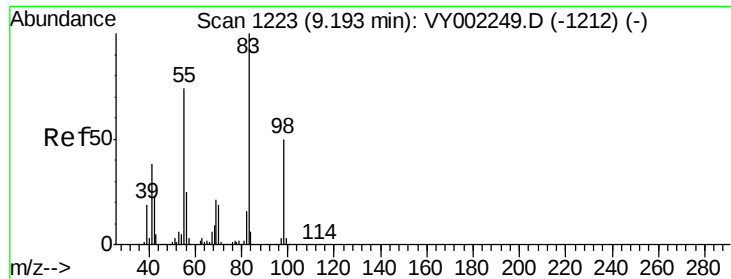
MMDadoda  
4/9/2020 11:31:38 AM



#38  
Carbon Tetrachloride  
Concen: 5.256 ug/l  
RT: 7.93 min Scan# 1015  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.9  | 77.1  | 115.7 |
| 121     | 34.1  | 23.9  | 35.9  |





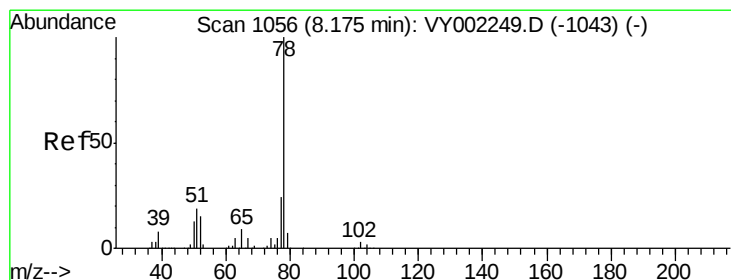
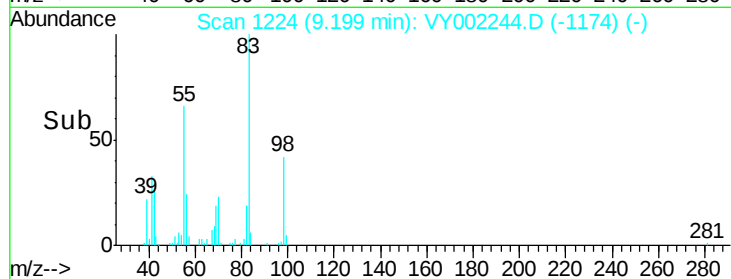
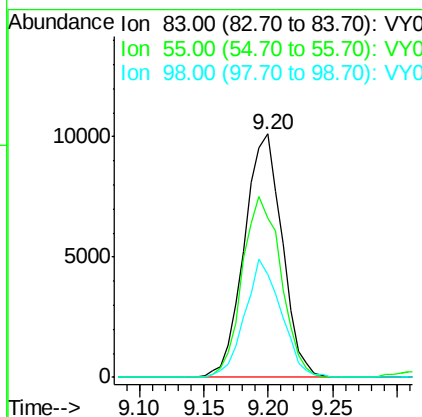
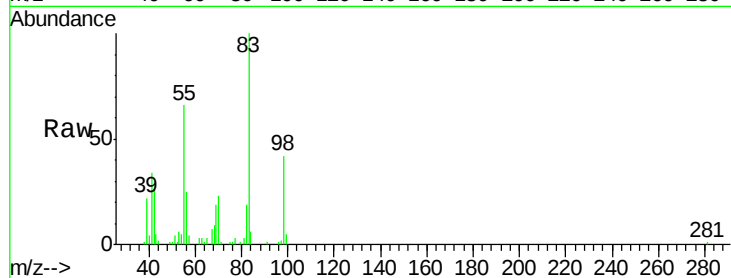
#39  
Methvlcvclohexane  
Concen: 5.424 ug/l  
RT: 9.20 min Scan# 1224  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 65.6  | 59.3  | 88.9  |
| 98      | 42.2  | 39.6  | 59.4  |

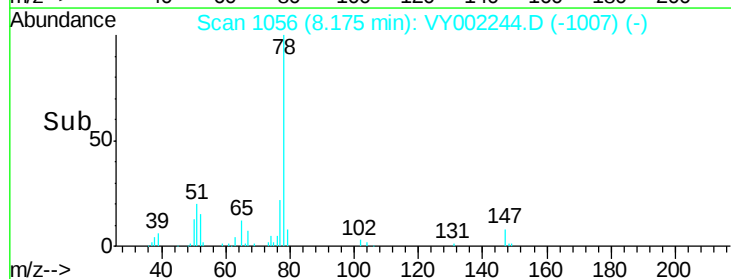
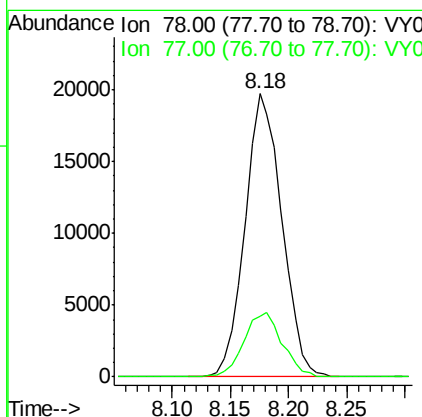
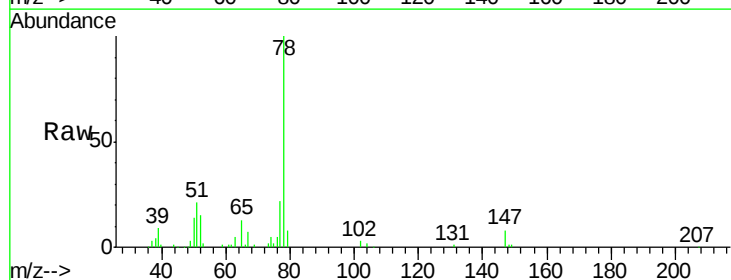
Manual Integrations  
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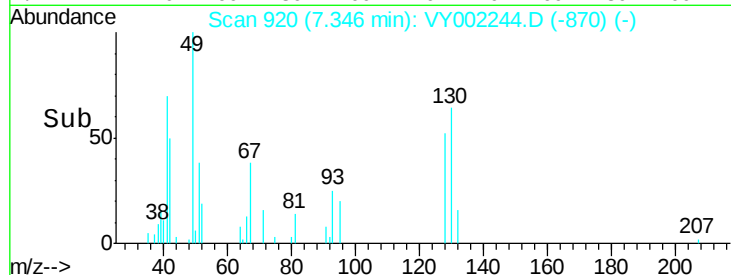
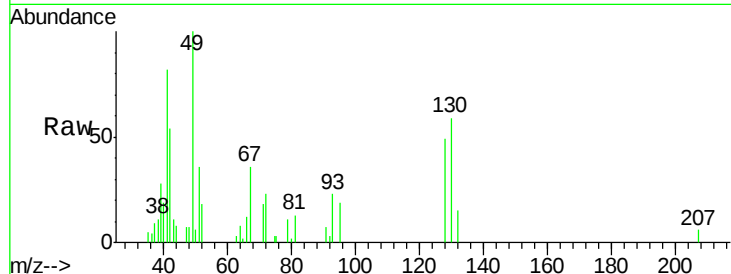
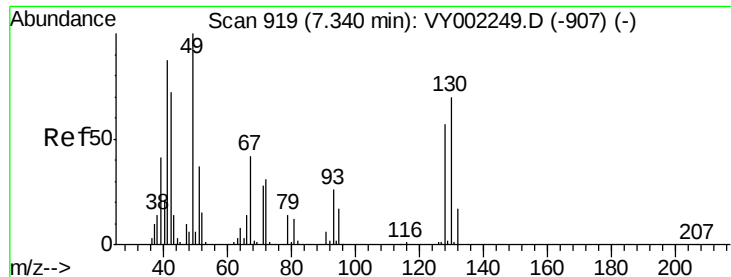
MMDadoda  
4/9/2020 11:31:38 AM



#40  
Benzene  
Concen: 5.138 ug/l  
RT: 8.18 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 21.6  | 18.9  | 28.3  |





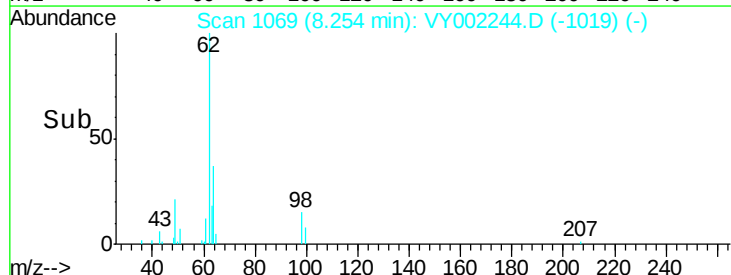
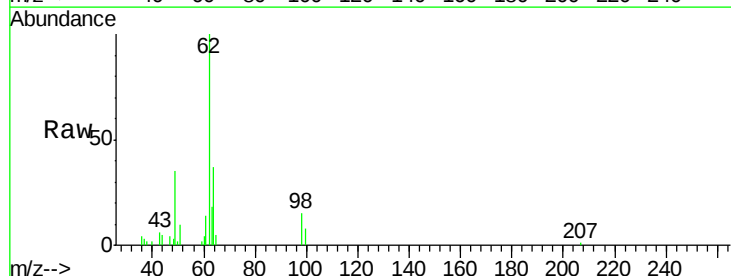
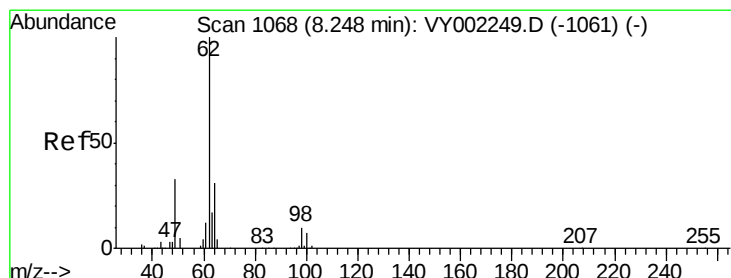
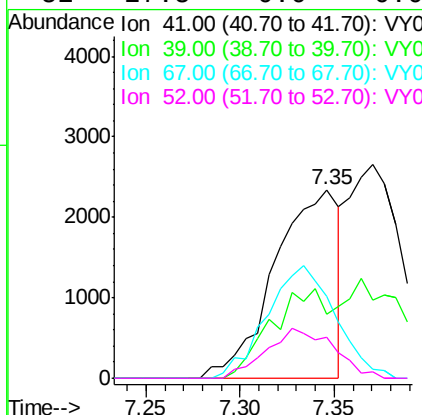
#41  
Methacrylonitrile  
Concen: 5.307 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tot Ion | 41    | Resp: | 5571  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 40.0  | 0.0   | 0.0#  |
| 67      | 63.3  | 0.0   | 0.0#  |
| 52      | 27.5  | 0.0   | 0.0#  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

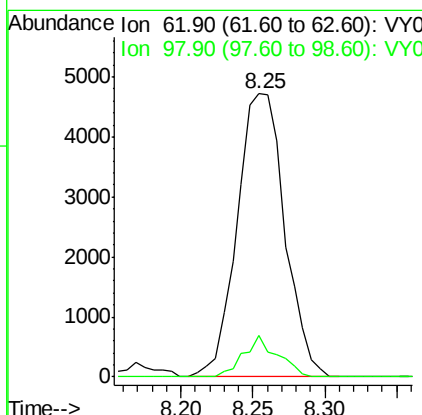
Manual Integrations  
APPROVED

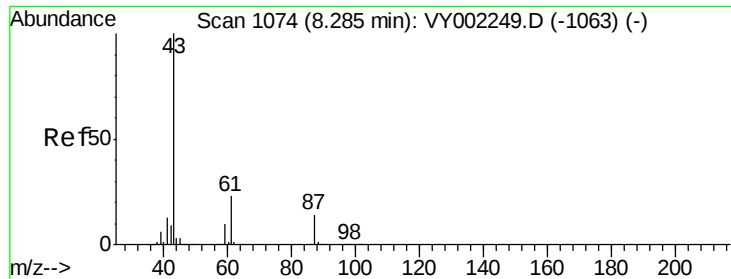
MMDadoda  
4/9/2020 11:31:38 AM



#42  
1,2-Dichloroethane  
Concen: 5.167 ug/l  
RT: 8.25 min Scan# 1069  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | 62    | Resp: | 10801 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 10.4  | 0.0   | 22.6  |





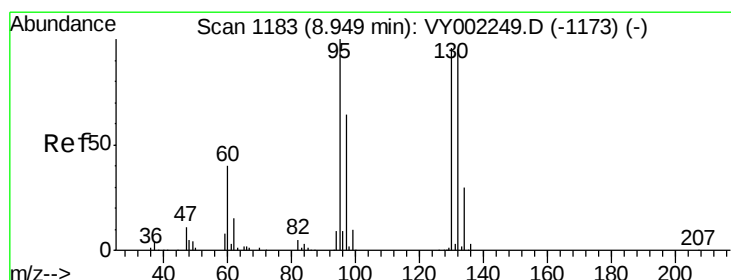
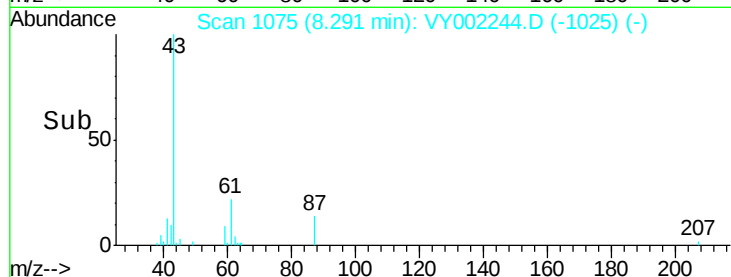
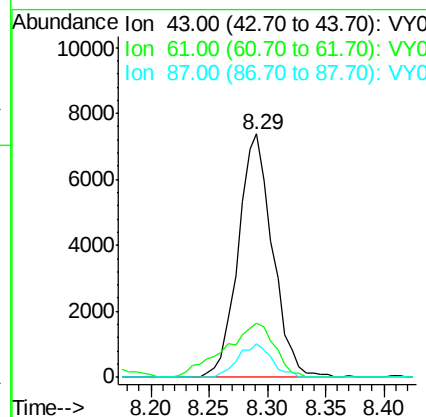
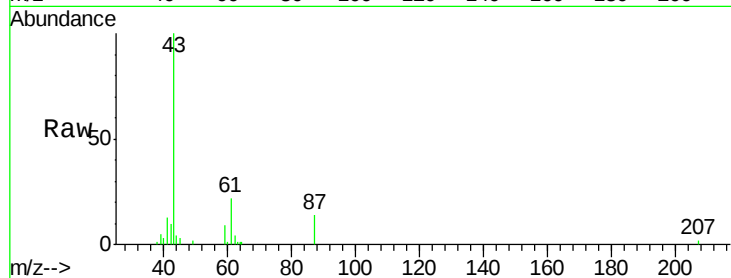
#43  
Isopropyl Acetate  
Concen: 5.228 ug/l  
RT: 8.29 min Scan# 1075  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 43   | Resp  | 15149 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 61        | 32.5 | 24.9  | 37.3  |
| 87        | 13.6 | 11.7  | 17.5  |

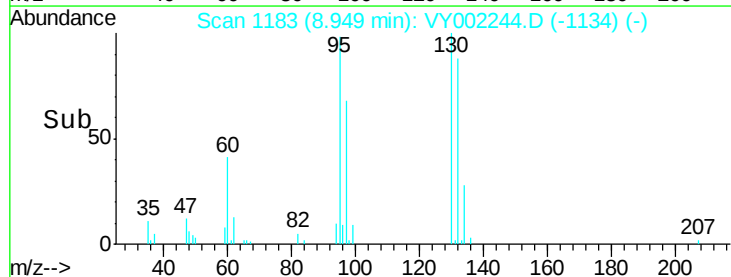
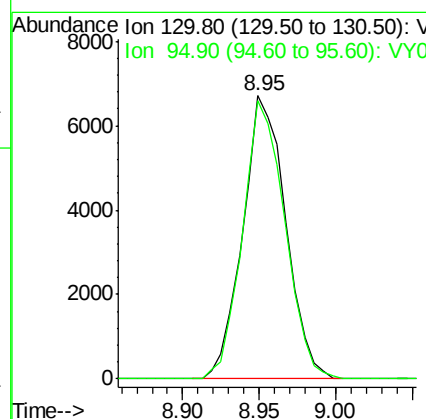
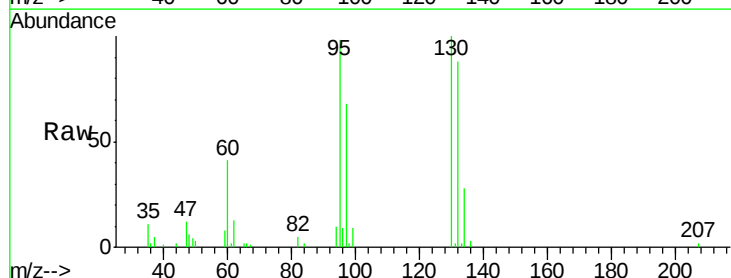
Manual Integrations  
APPROVED

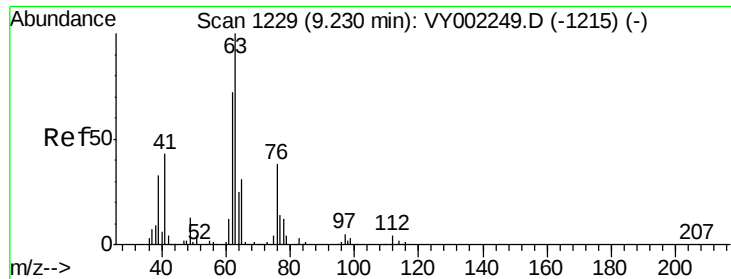
MMDadoda  
4/9/2020 11:31:38 AM



#44  
Trichloroethene  
Concen: 5.275 ug/l  
RT: 8.95 min Scan# 1183  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion   | 130  | Resp  | 13088 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 130       | 100  |       |       |
| 95        | 98.2 | 0.0   | 208.2 |





#45

1,2-Dichloropropane

Concen: 5.081 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 10638

Ion Ratio Lower Upper

63 100

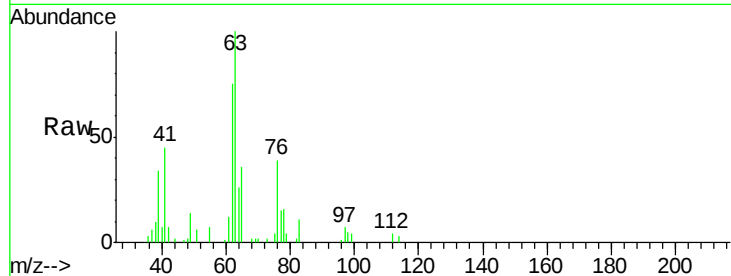
65 36.4 24.6 37.0

Manual Integrations

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MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.23

6000

5000

4000

3000

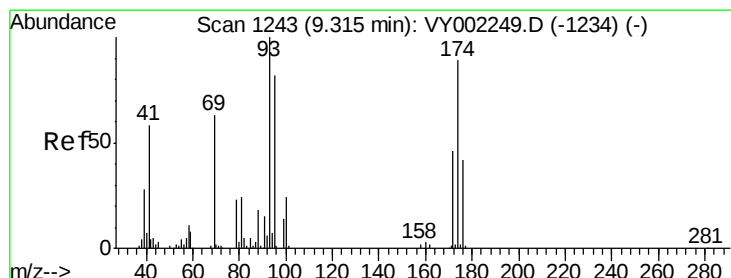
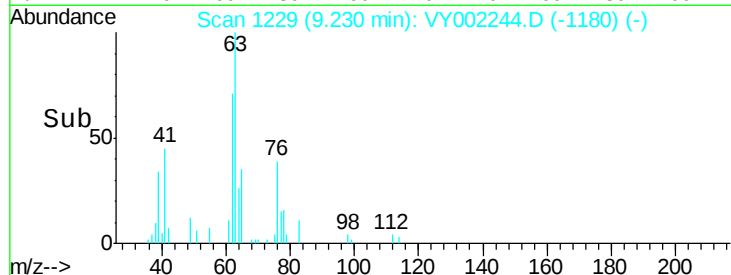
2000

1000

0

9.15 9.20 9.25 9.30

Time-->



#46

Dibromomethane

Concen: 5.143 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

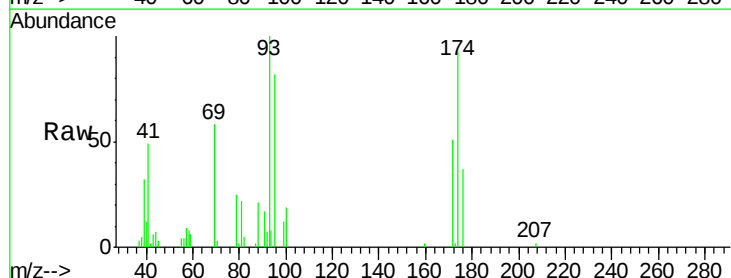
Tgt Ion: 93 Resp: 5630

Ion Ratio Lower Upper

93 100

95 87.0 67.3 100.9

174 87.9 72.5 108.7



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

9.32

4000

3000

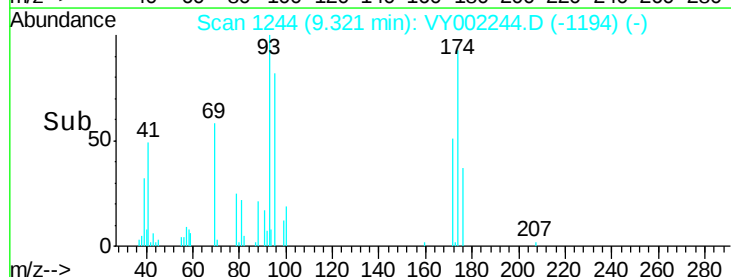
2000

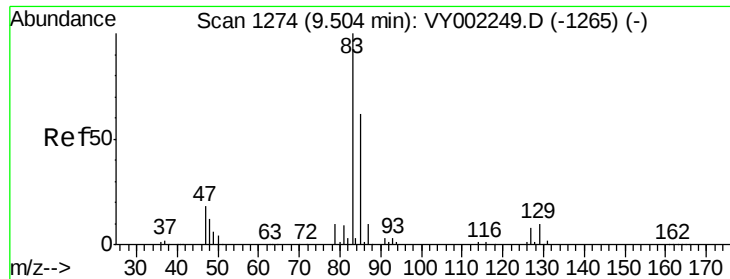
1000

0

9.25 9.30 9.35 9.40

Time-->





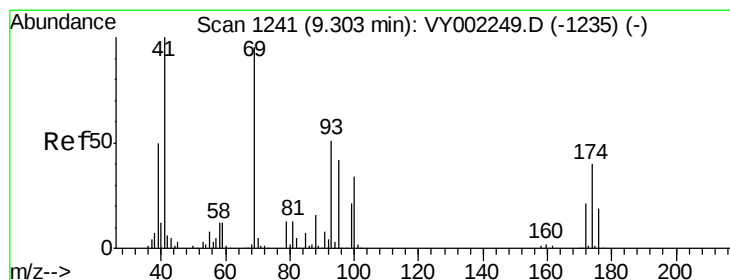
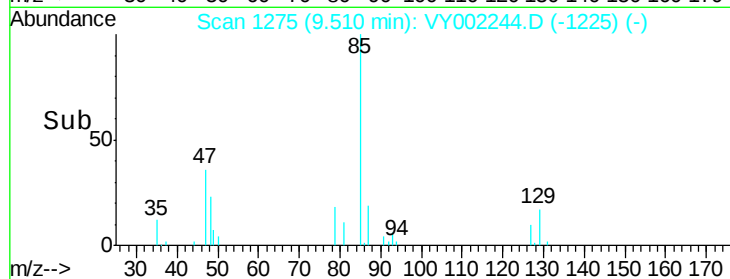
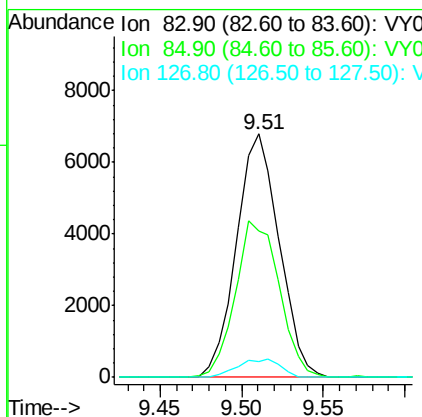
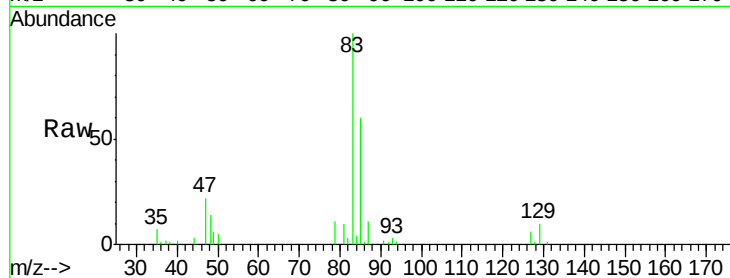
#47  
Bromodichloromethane  
Concen: 4.934 ug/l  
RT: 9.51 min Scan# 1275  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 12393 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.0  | 49.7  | 74.5  |
| 127      | 6.2   | 6.2   | 9.4   |

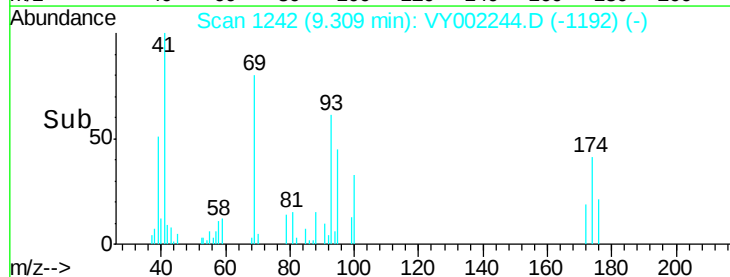
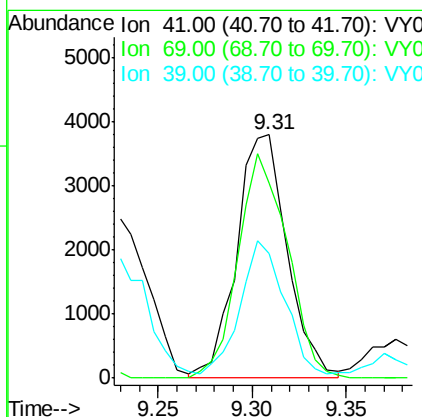
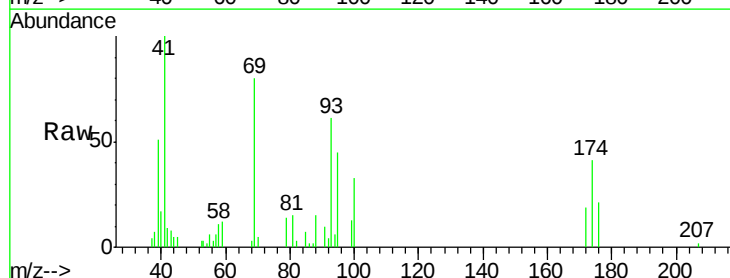
Manual Integrations  
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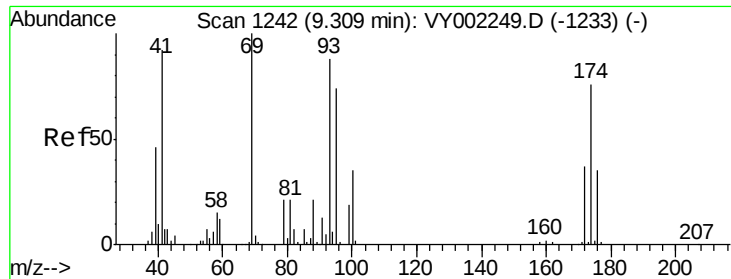
MMDadoda  
4/9/2020 11:31:38 AM



#48  
Methyl methacrylate  
Concen: 5.456 ug/l  
RT: 9.31 min Scan# 1242  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7090  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 90.2  | 76.7  | 115.1 |
| 39       | 50.8  | 40.5  | 60.7  |





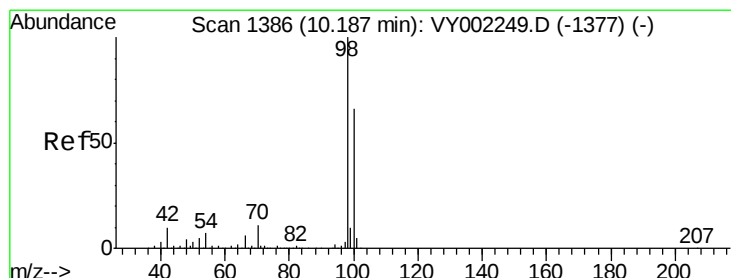
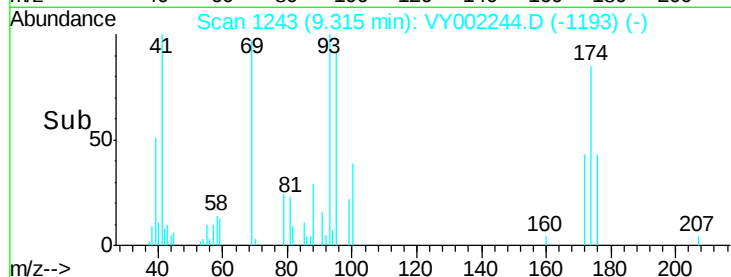
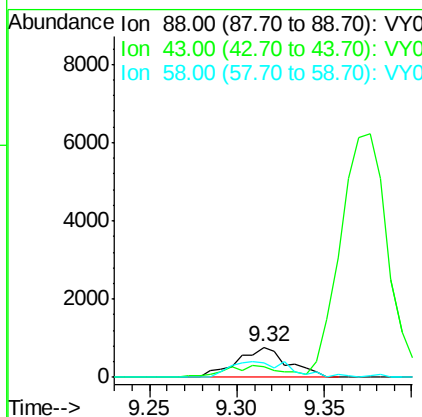
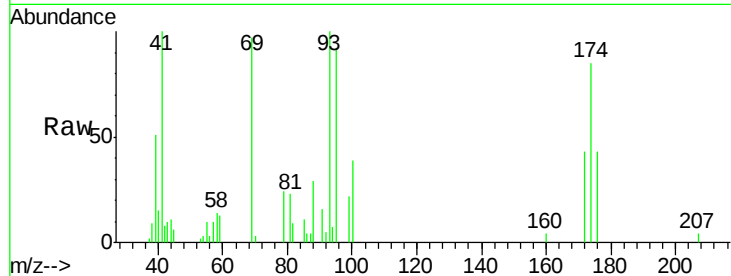
#49  
1,4-Dioxane  
Concen: 100.156 ug/l  
RT: 9.32 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 42.9  | 22.2  | 33.2# |
| 58      | 63.8  | 57.6  | 86.4  |

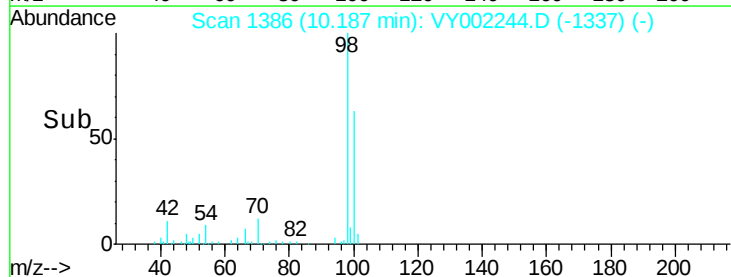
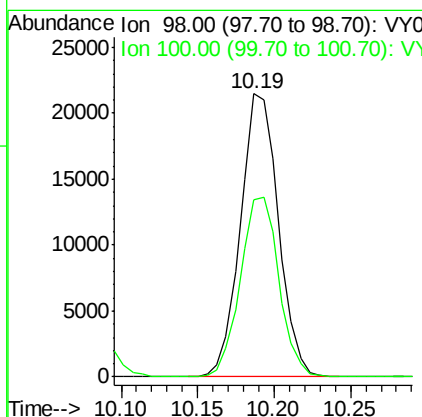
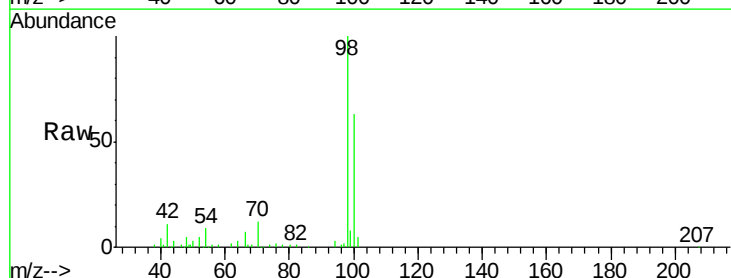
Manual Integrations  
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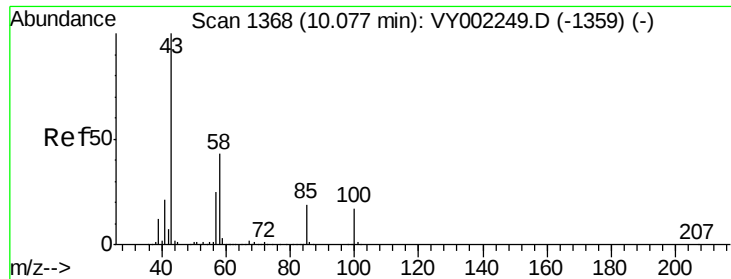
MMDadoda  
4/9/2020 11:31:38 AM



#50  
Toluene-d8  
Concen: 5.259 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.6  | 52.6  | 78.8  |





#51

4-Methyl-2-Pentanone

Concen: 26.307 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleID :

VSTDIC005

Tot Ion: 43 Resp: 39725

Ion Ratio Lower Upper

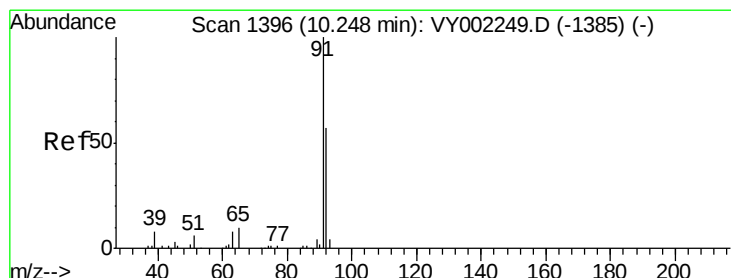
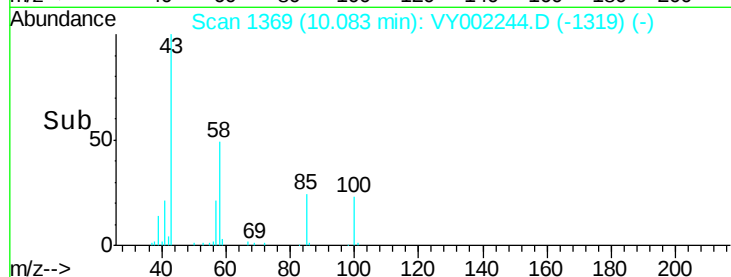
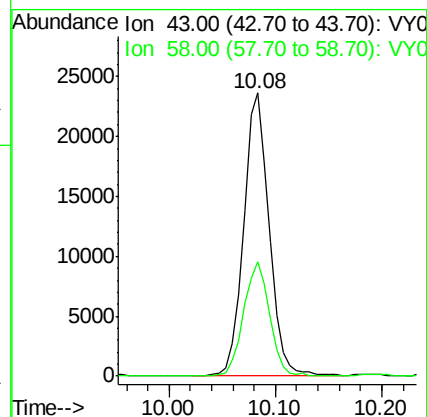
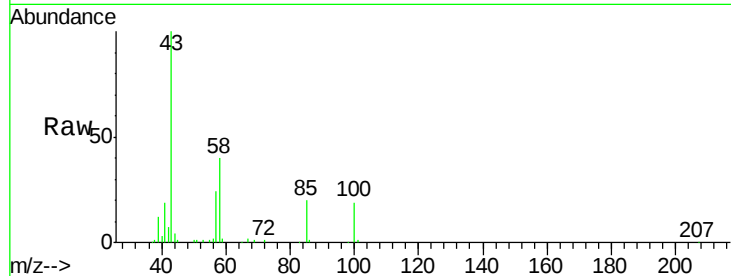
43 100

58 41.1 33.8 50.8

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#52

Toluene

Concen: 5.139 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002244.D

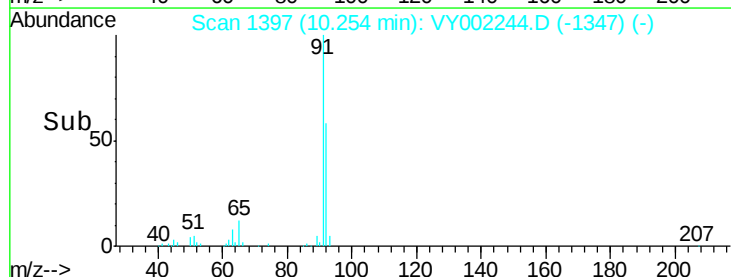
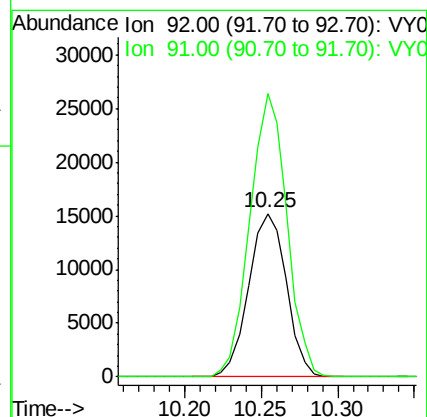
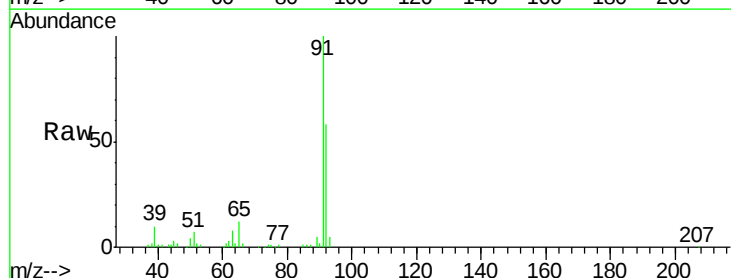
Acq: 08 Apr 2020 11:26

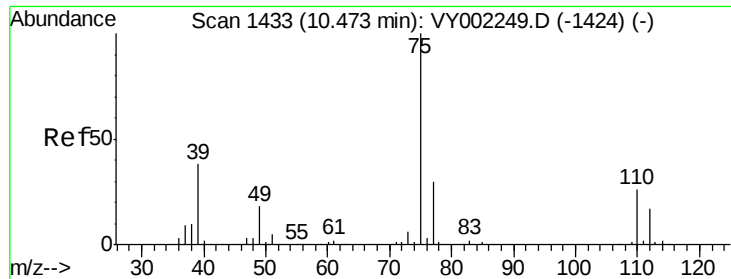
Tgt Ion: 92 Resp: 26133

Ion Ratio Lower Upper

92 100

91 170.1 139.0 208.6





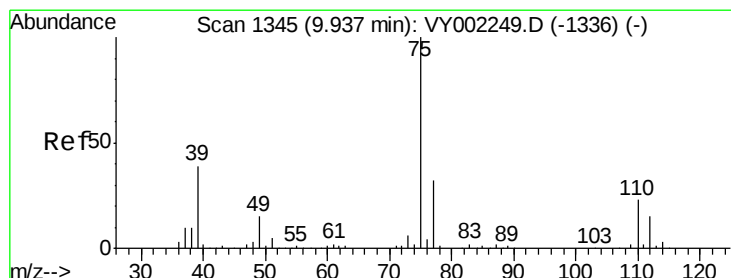
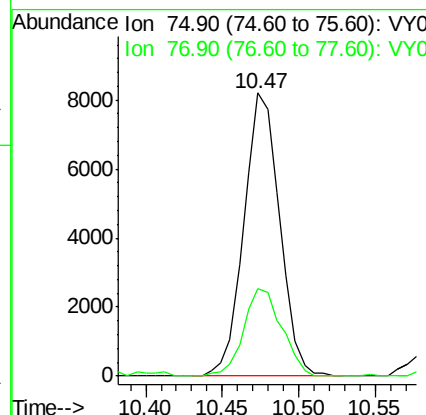
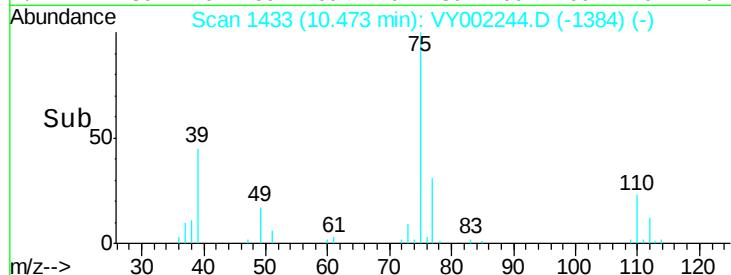
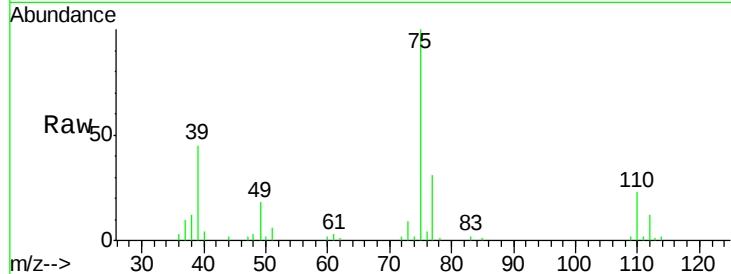
#53  
t-1,3-Dichloropropene  
Concen: 4.863 ug/l  
RT: 10.47 min Scan# 1433  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 75 Resp: 13309  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.2 36.2

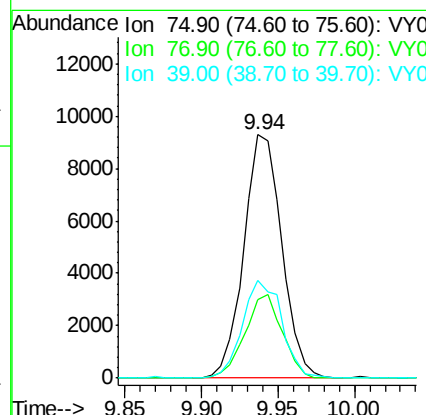
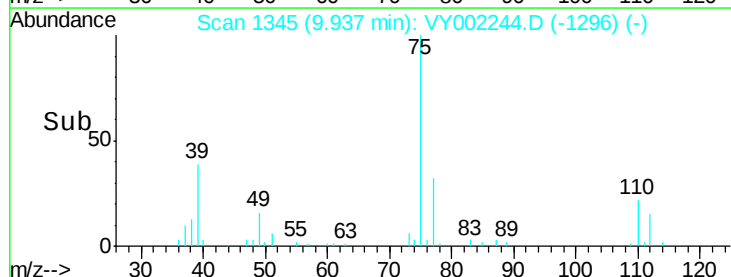
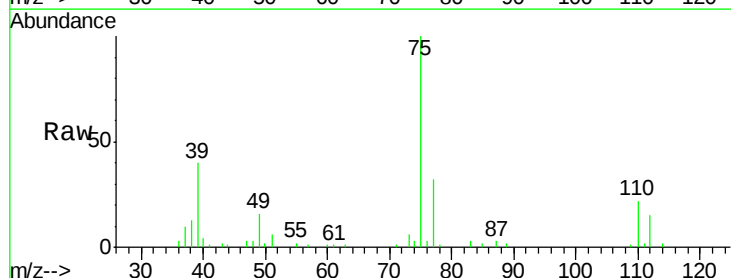
Manual Integrations  
APPROVED

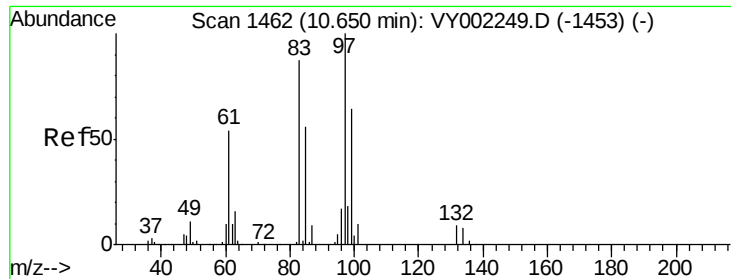
MMDadoda  
4/9/2020 11:31:38 AM



#54  
cis-1,3-Dichloropropene  
Concen: 4.874 ug/l  
RT: 9.94 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Tgt Ion: 75 Resp: 16037  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.8 38.8  
39 40.2 30.8 46.2





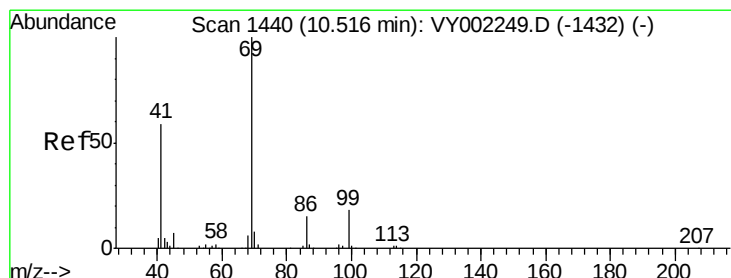
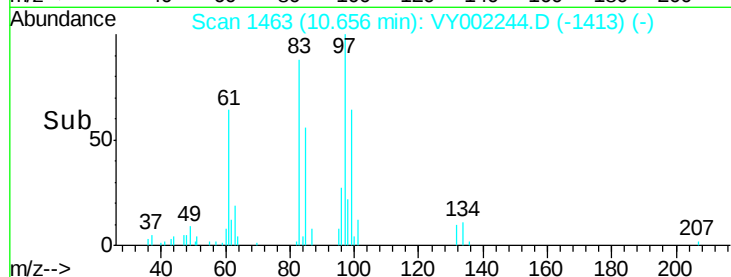
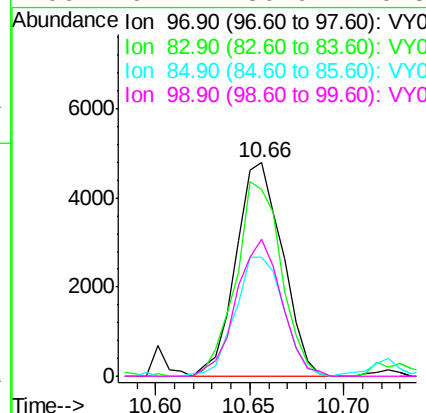
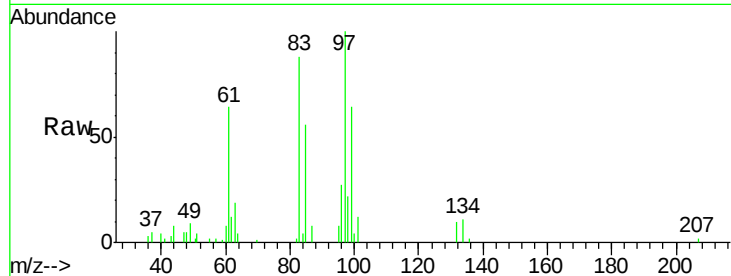
#55  
 1,1,2-Trichloroethane  
 Concen: 5.124 ug/l  
 RT: 10.66 min Scan# 1463  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 8212  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.5  | 69.5  | 104.3 |
| 85       | 54.3  | 45.2  | 67.8  |
| 99       | 64.1  | 50.9  | 76.3  |

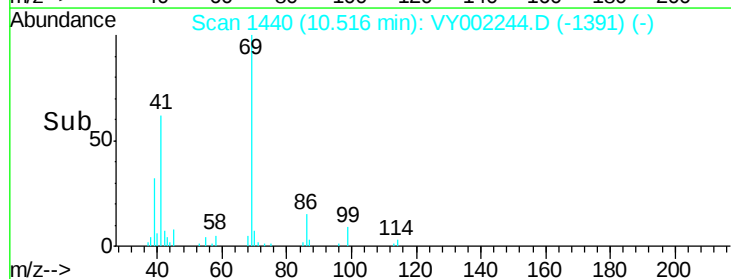
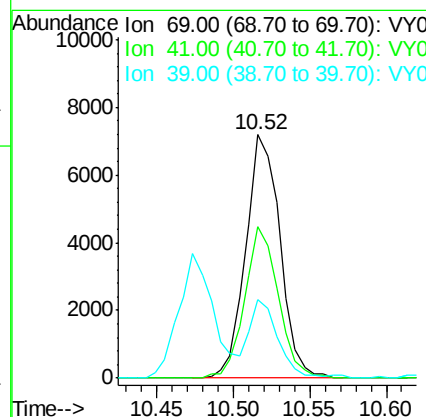
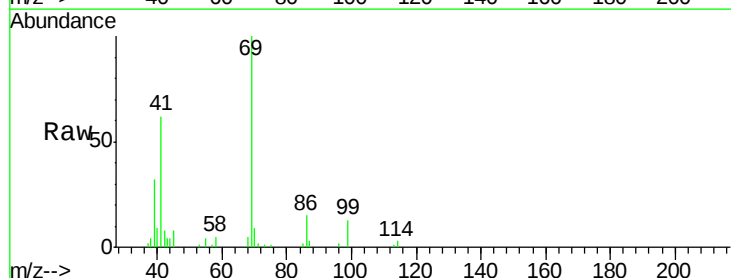
Manual Integrations  
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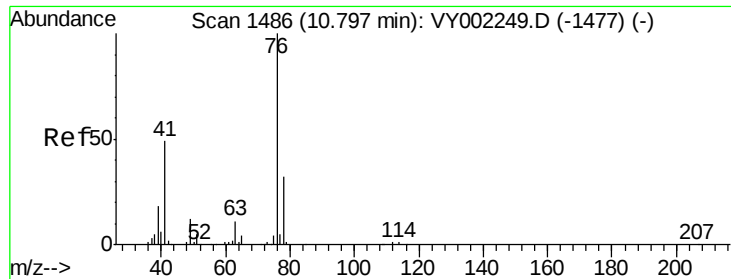
MMDadoda  
 4/9/2020 11:31:38 AM



#56  
 Ethyl methacrylate  
 Concen: 4.896 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 11199 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 60.9  | 47.9  | 71.9  |
| 39       | 27.2  | 23.8  | 35.6  |





#57

1,3-Dichloropropane

Concen: 5.110 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 14397

Ion Ratio Lower Upper

76 100

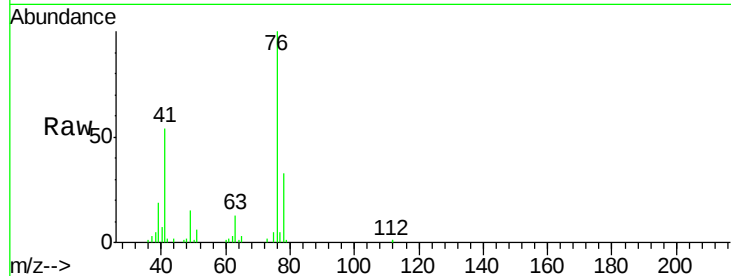
78 33.9 25.8 38.6

Manual Integrations

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4/9/2020 11:31:38 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10000

8000

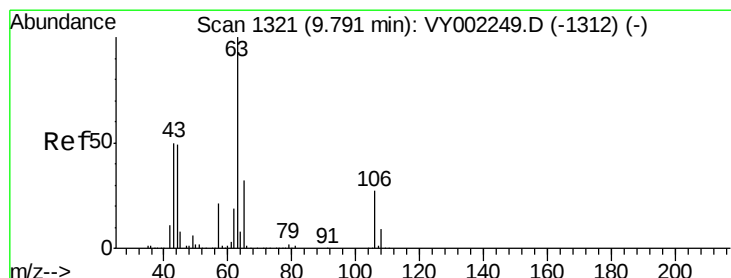
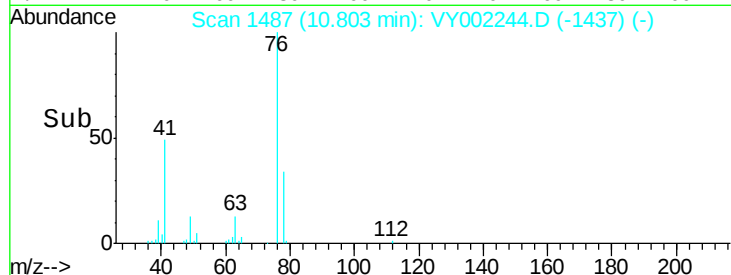
6000

4000

2000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 27.679 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002244.D

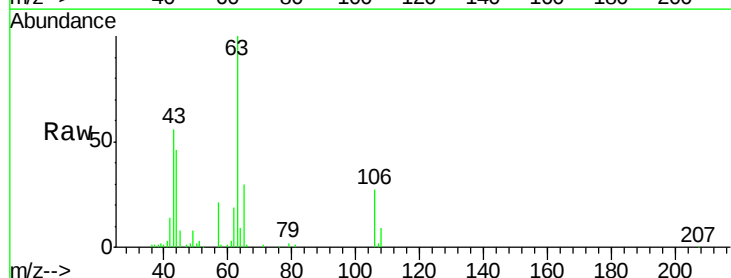
Acq: 08 Apr 2020 11:26

Tgt Ion: 63 Resp: 32788

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

20000

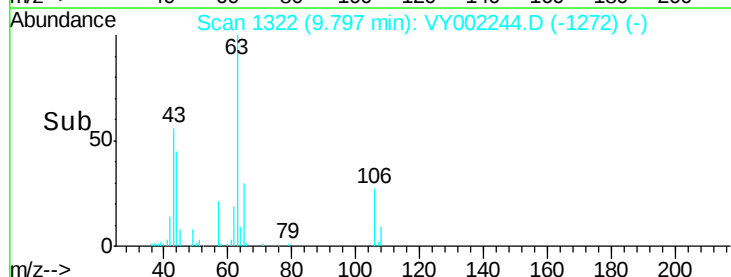
15000

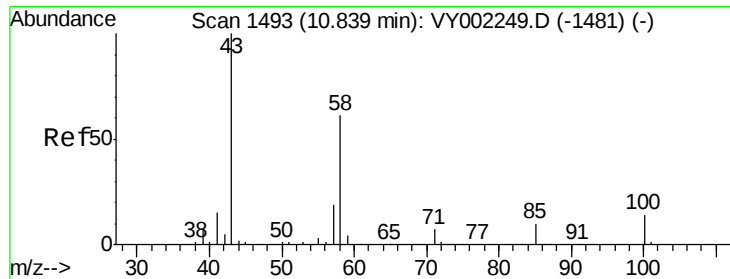
10000

5000

0

Time-->





#59

2-Hexanone

Concen: 26.389 ug/l

RT: 10.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 27656

Ion Ratio Lower Upper

43 100

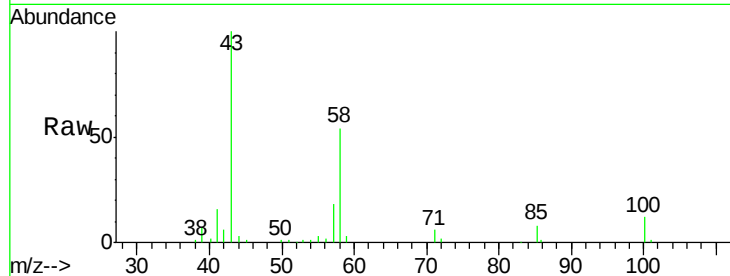
58 57.3 29.8 89.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1481) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1481) (-)

10.85

10.85

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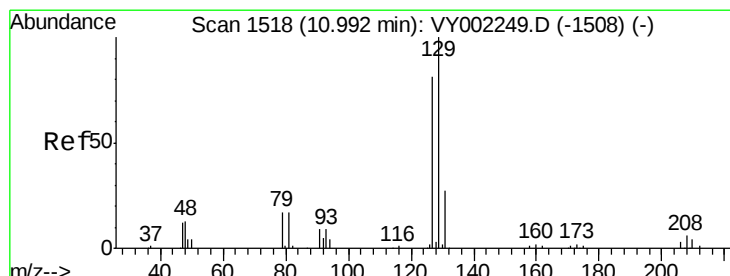
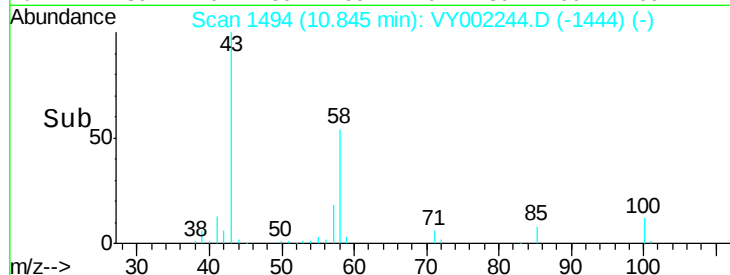
10.85

10.85

10.85

10.85

10.85



#60

Dibromochloromethane

Concen: 4.865 ug/l

RT: 11.00 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VY002244.D

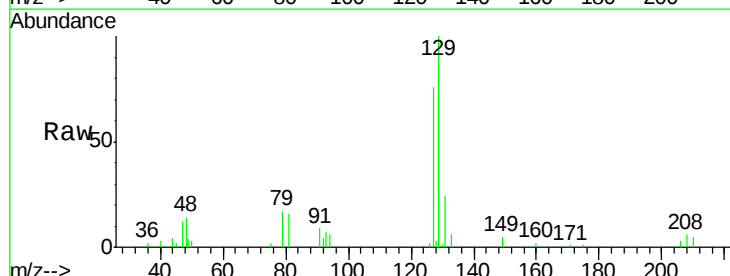
Acq: 08 Apr 2020 11:26

Tgt Ion: 129 Resp: 8314

Ion Ratio Lower Upper

129 100

127 75.6 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): VY002249.D (-1508) (-)

Ion 126.80 (126.50 to 127.50): VY002249.D (-1508) (-)

11.00

11.00

11.00

11.00

11.00

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11.00

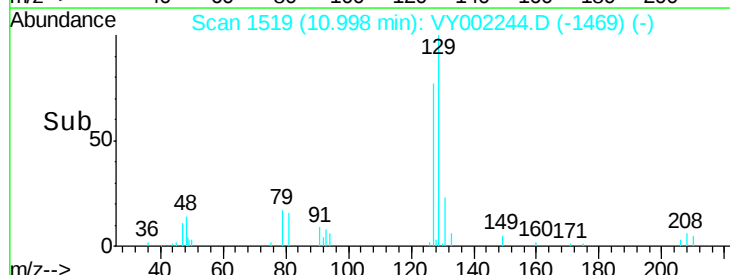
11.00

11.00

11.00

11.00

11.00



11.00

11.00

11.00

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11.00

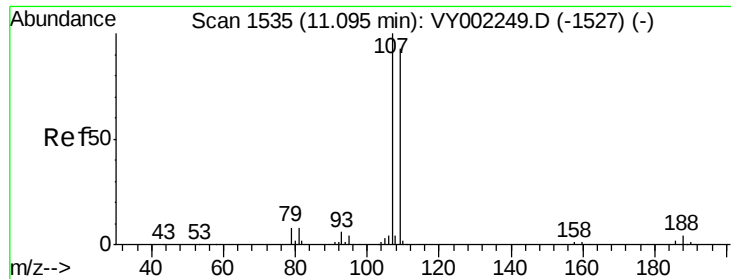
11.00

11.00

11.00

11.00

11.00



#61

1,2-Dibromoethane

Concen: 5.092 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 7770

Ion Ratio Lower Upper

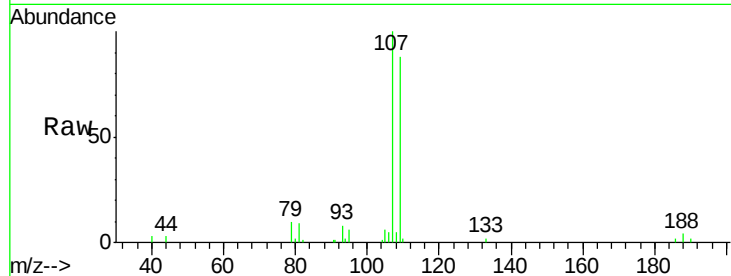
107 100

109 92.9 75.6 113.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.10

4000

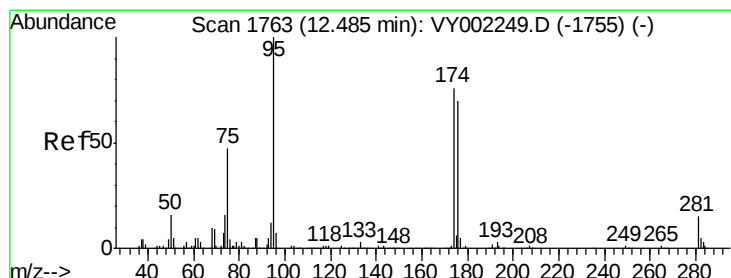
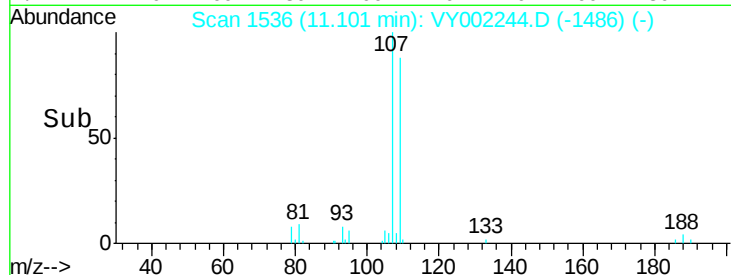
3000

2000

1000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 5.393 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

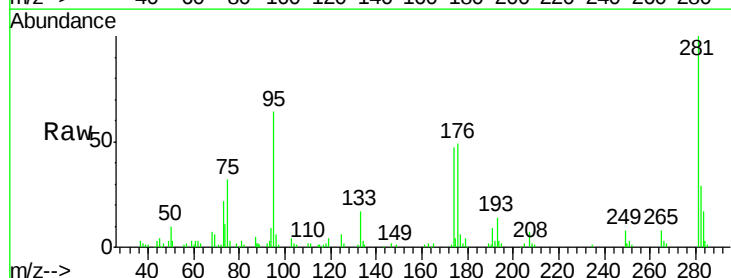
Tgt Ion: 95 Resp: 12512

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.6

176 74.9 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

10000

8000

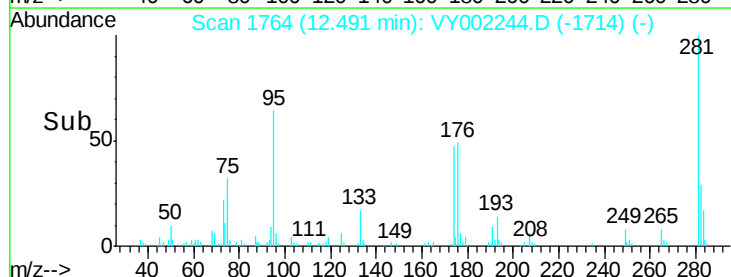
6000

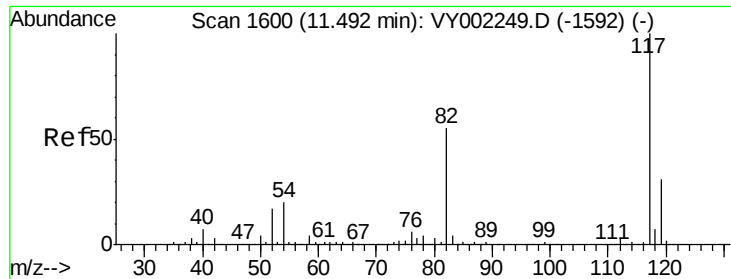
4000

2000

0

Time-->





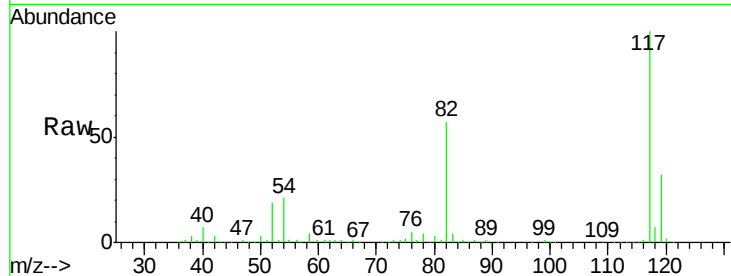
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.3  | 44.2  | 66.4  |
| 119     | 31.9  | 25.1  | 37.7  |

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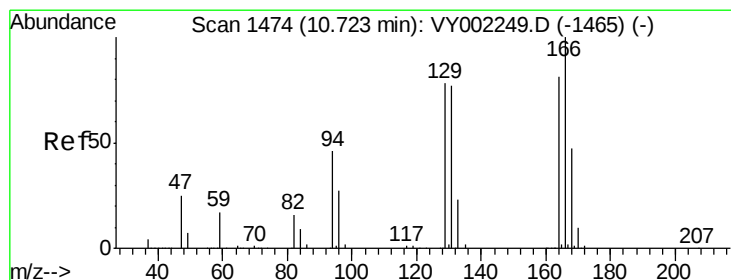
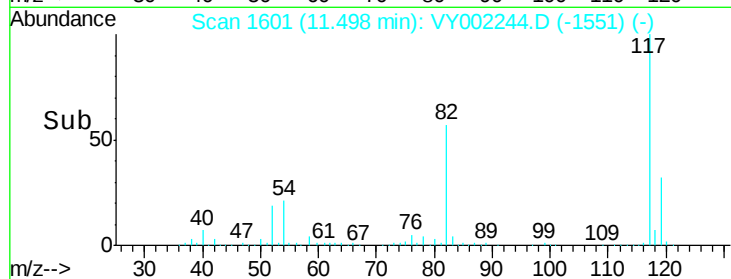
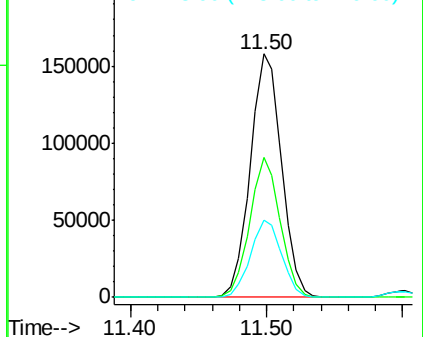


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 5.321 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.0 | 98.4  | 147.6 |
| 129     | 97.2  | 76.6  | 115.0 |
| 131     | 97.9  | 75.4  | 113.2 |

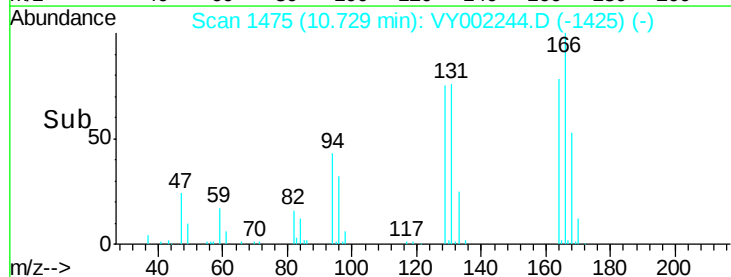
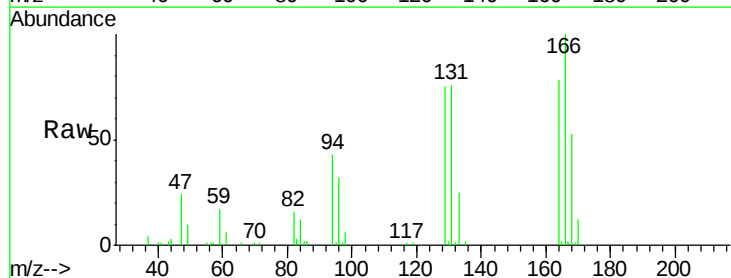
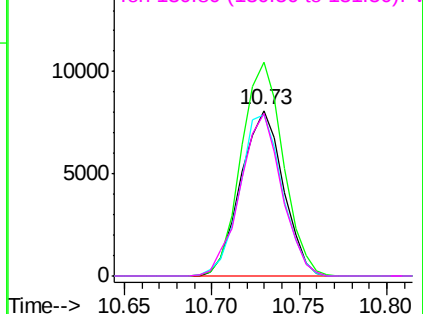
Abundance

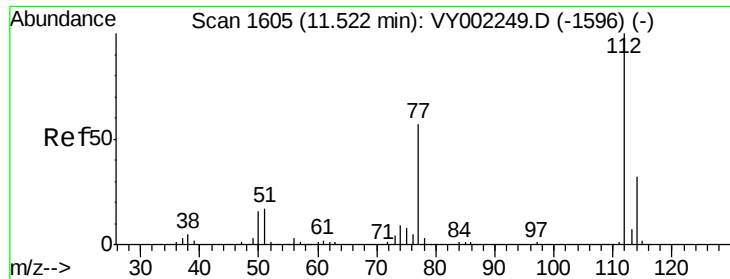
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.180 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 27367

Ion Ratio Lower Upper

112 100

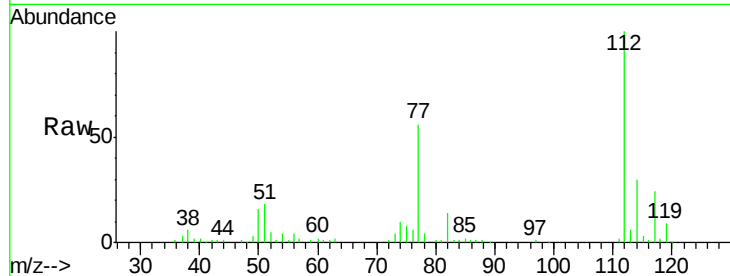
114 30.3 25.6 38.4

Manual Integrations

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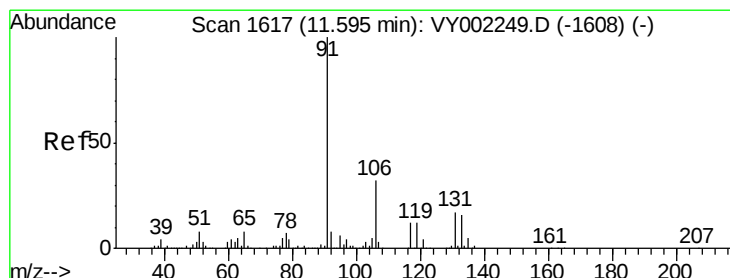
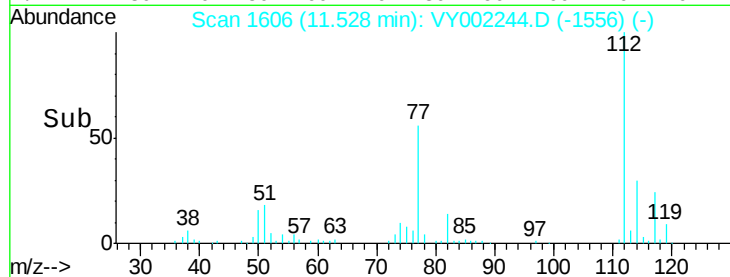
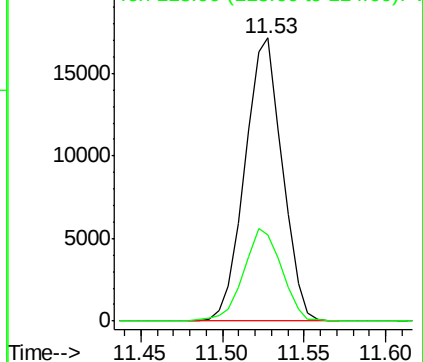
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.948 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

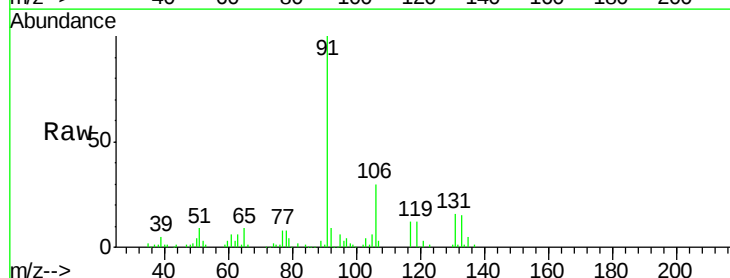
Tgt Ion:131 Resp: 8630

Ion Ratio Lower Upper

131 100

133 95.9 46.5 139.3

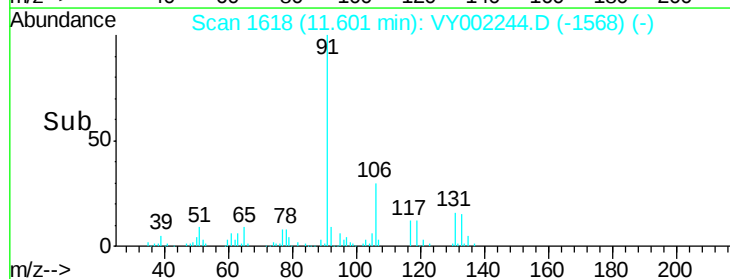
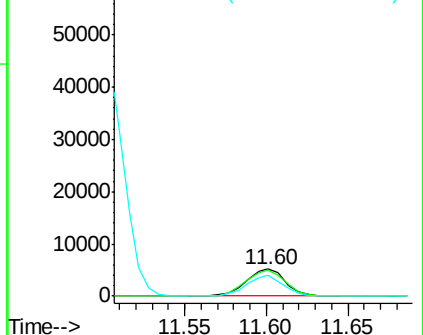
119 72.2 34.5 103.6

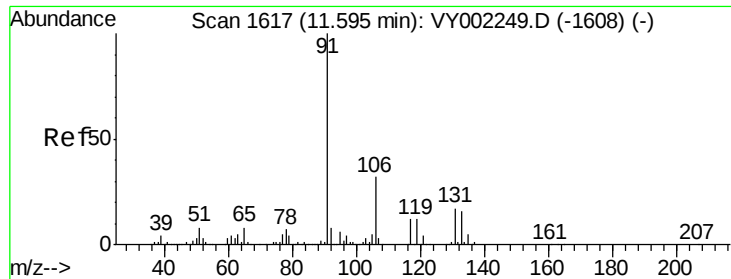


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





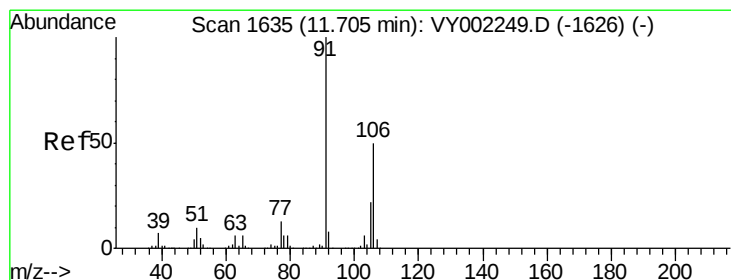
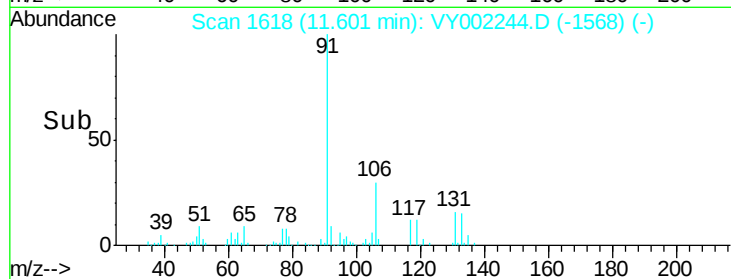
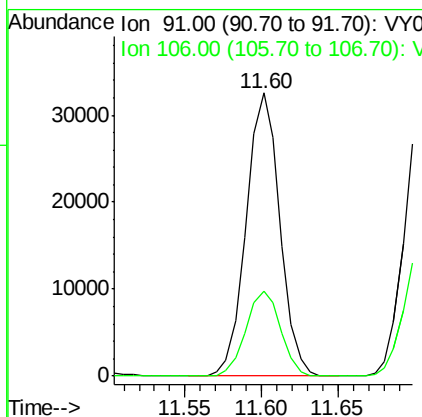
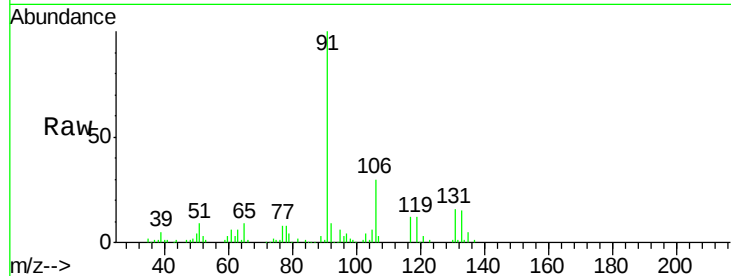
#67  
Ethyl Benzene  
Concen: 5.149 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 49793  
Ion Ratio Lower Upper  
91 100  
106 30.1 25.4 38.0

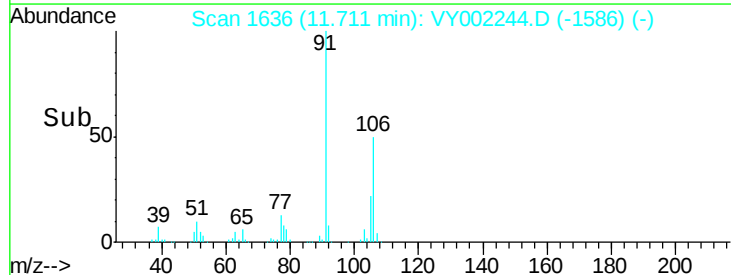
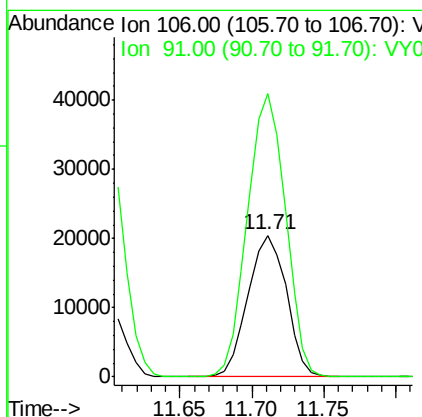
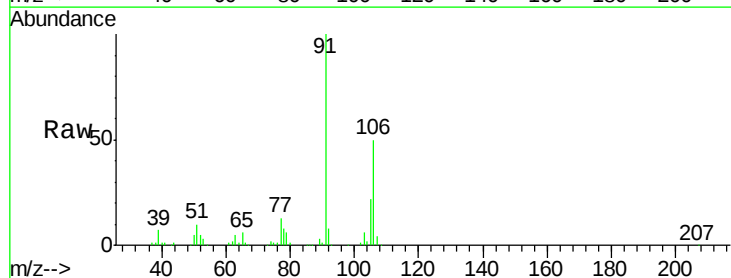
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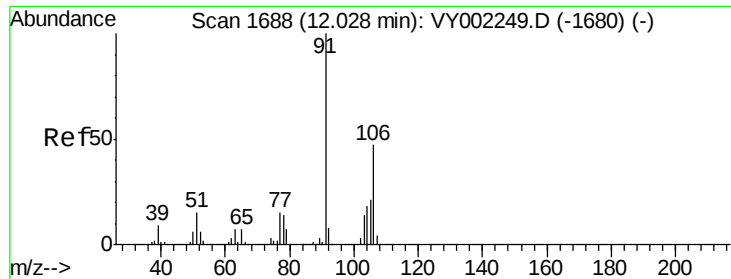
MMDadoda  
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#68  
m/p-Xylenes  
Concen: 10.476 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Tgt Ion: 106 Resp: 37948  
Ion Ratio Lower Upper  
106 100  
91 197.6 159.8 239.6





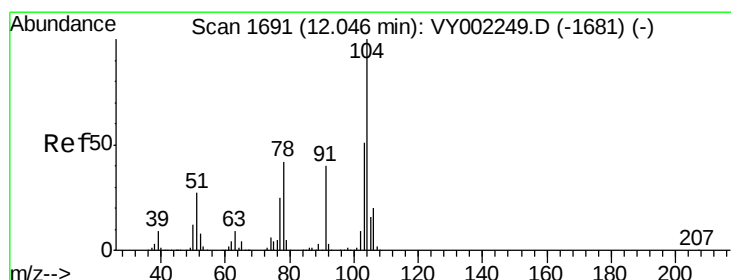
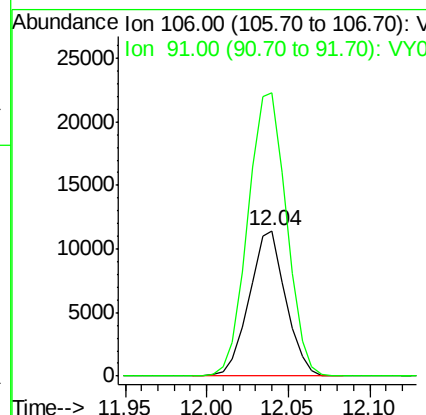
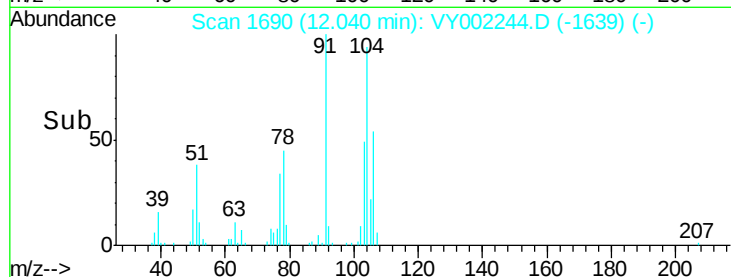
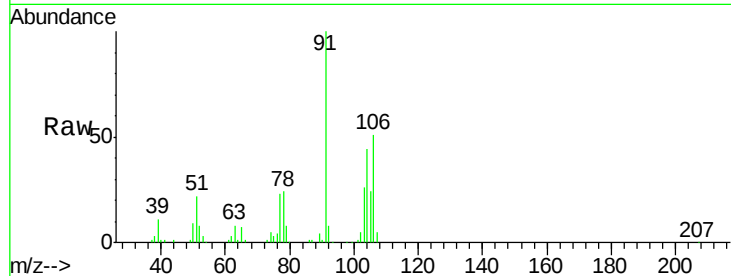
#69  
o-Xylene  
Concen: 5.233 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 205.9 | 105.8 | 317.3 |

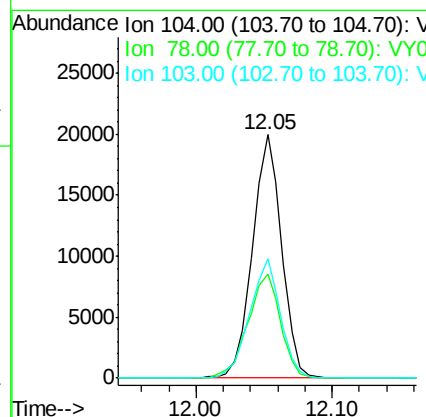
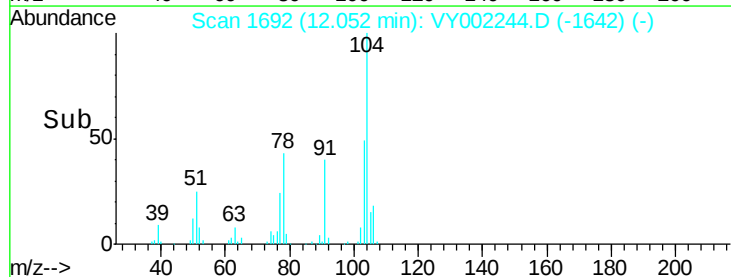
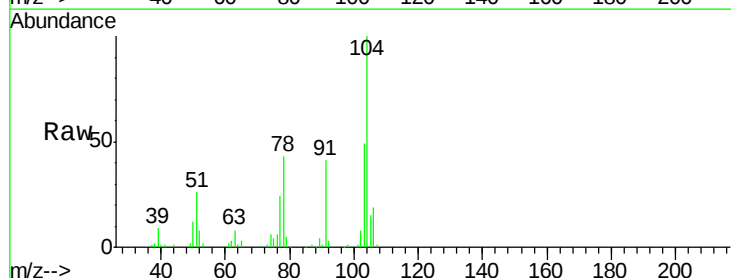
Manual Integrations  
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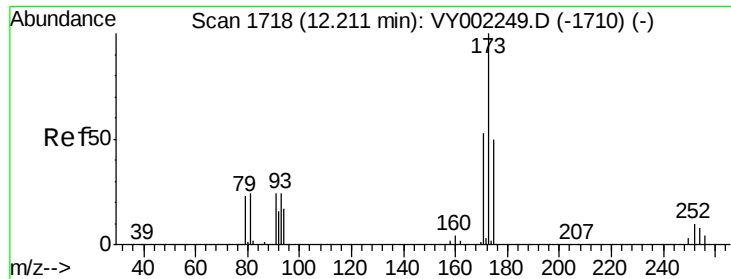
MMDadoda  
4/9/2020 11:31:38 AM



#70  
Styrene  
Concen: 5.091 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.5  | 37.2  | 55.8  |
| 103     | 51.6  | 43.4  | 65.0  |





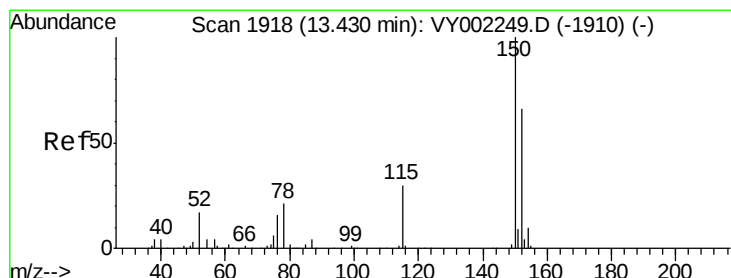
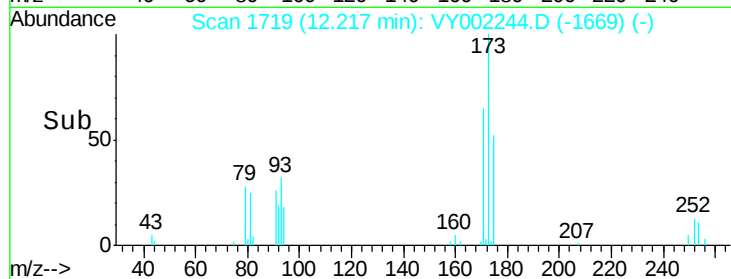
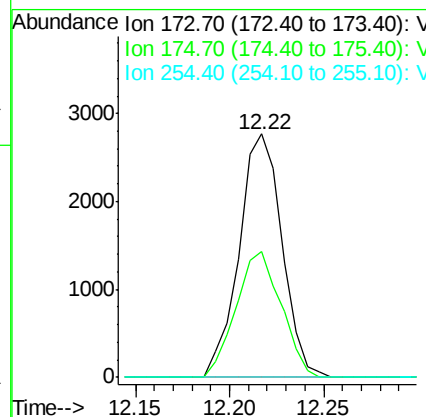
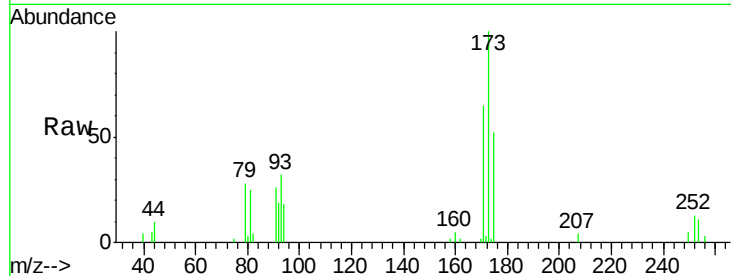
#71  
Bromoform  
Concen: 4.609 ug/l  
RT: 12.22 min Scan# 1719  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 54.6  | 24.1  | 72.3  |
| 254     | 0.0   | 0.0   | 0.0   |

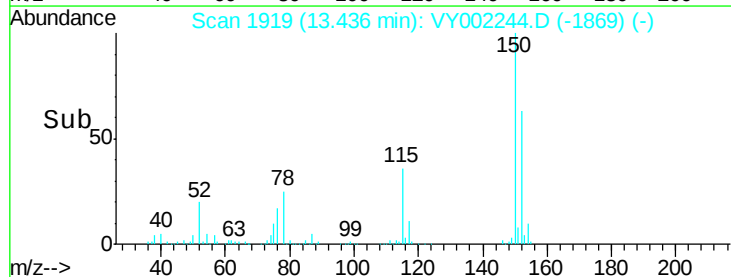
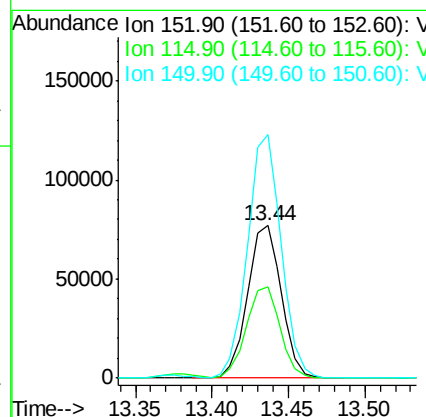
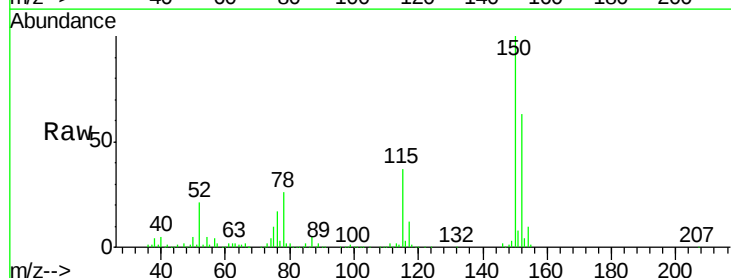
Manual Integrations  
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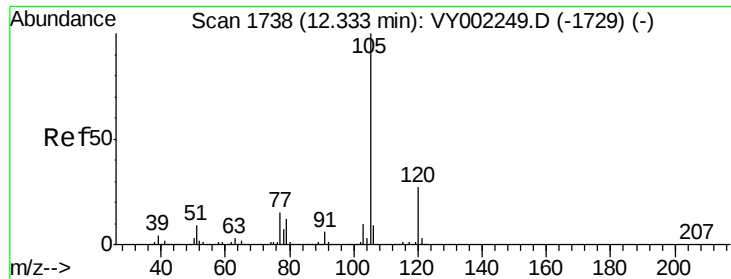
MMDadoda  
4/9/2020 11:31:38 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.44 min Scan# 1919  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.2  | 30.7  | 92.1  |
| 150     | 159.4 | 0.0   | 350.6 |





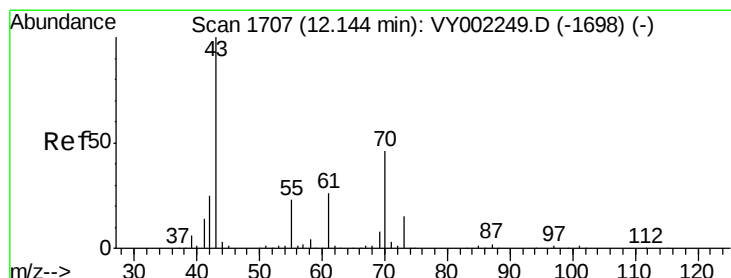
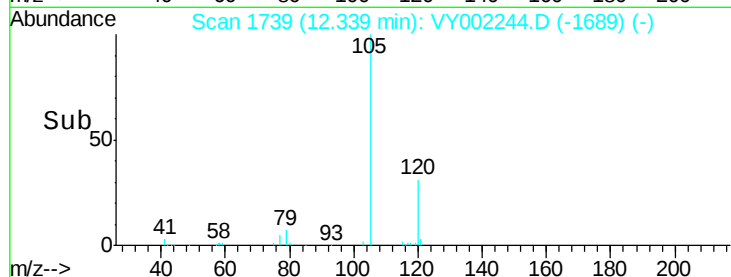
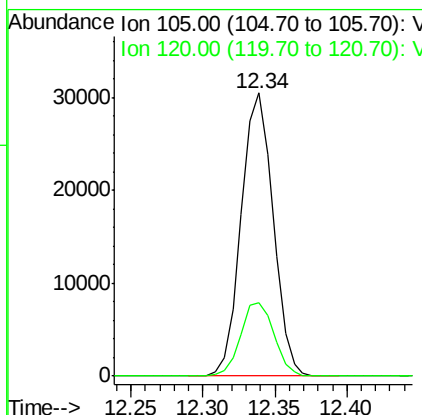
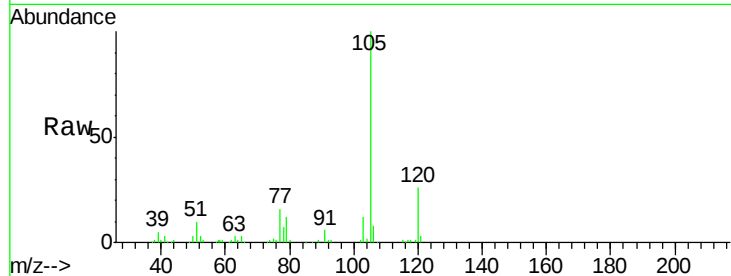
#73  
Isopropylbenzene  
Concen: 5.072 ug/l  
RT: 12.34 min Scan# 1739  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.2  | 13.3  | 39.8  |

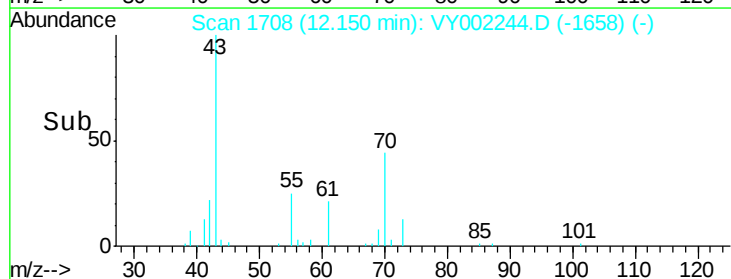
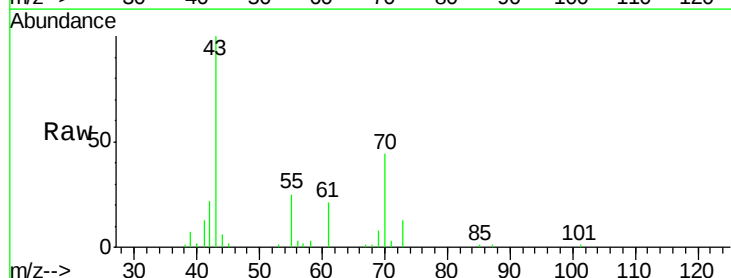
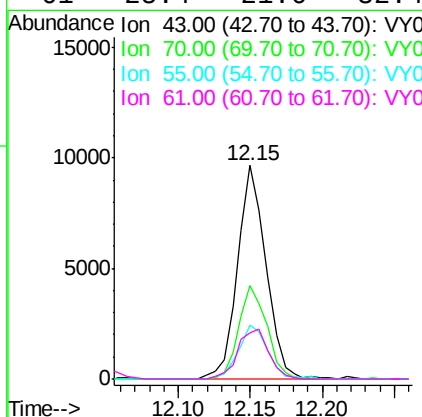
Manual Integrations  
APPROVED

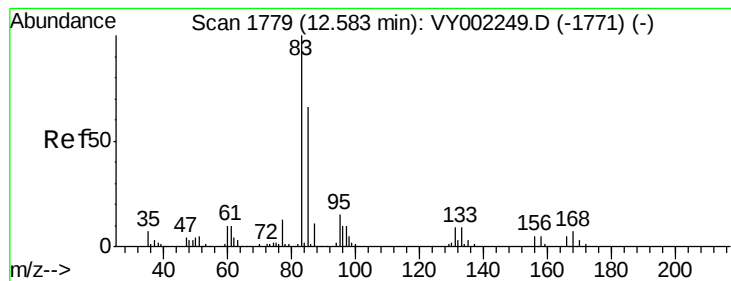
MMDadoda  
4/9/2020 11:31:38 AM



#74  
N-ethyl acetate  
Concen: 5.057 ug/l  
RT: 12.15 min Scan# 1708  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 42.9  | 37.5  | 56.3  |
| 55      | 25.8  | 19.0  | 28.6  |
| 61      | 25.4  | 21.6  | 32.4  |





#75

1,1,2,2-Tetrachloroethane

Concen: 4.680 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

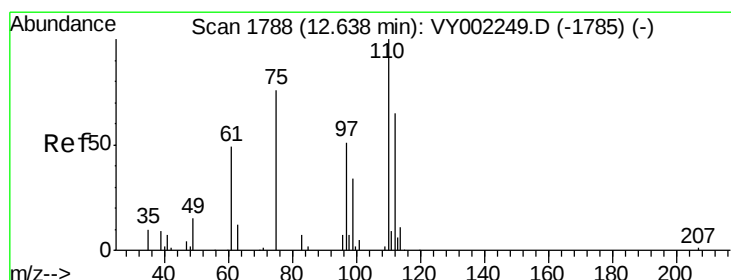
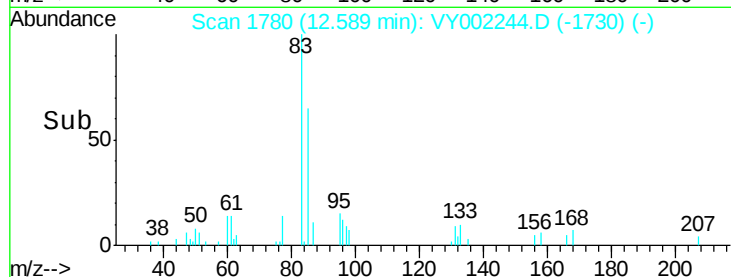
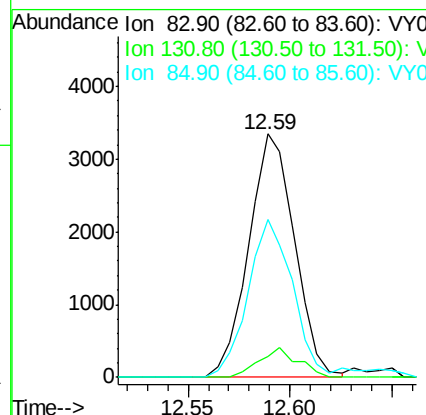
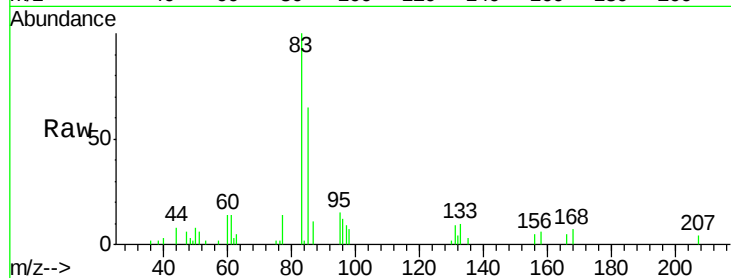
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 5239  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.3  | 4.9   | 14.7  |
| 85       | 66.6  | 32.6  | 97.8  |

Manual Integrations  
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4/9/2020 11:31:38 AM



#76

1,2,3-Trichloropropane

Concen: 2.624 ug/l m

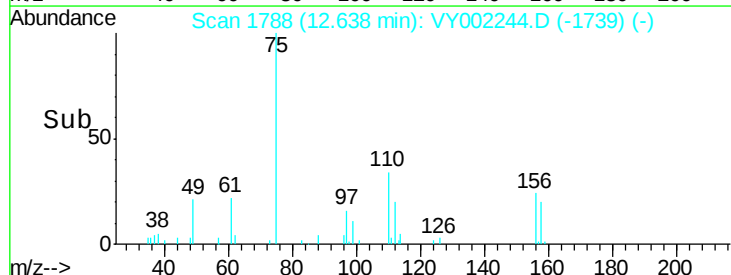
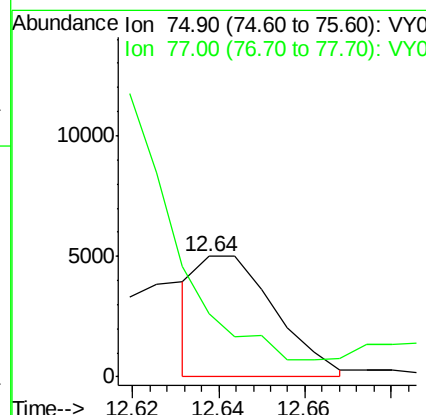
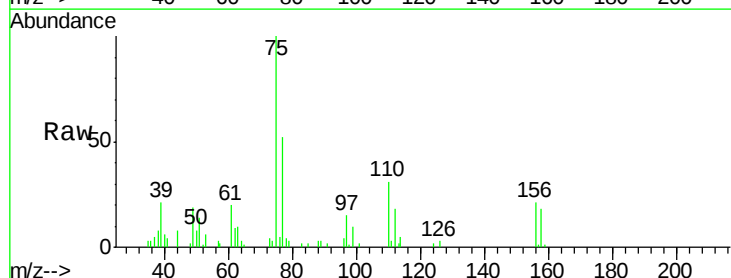
RT: 12.64 min Scan# 1788

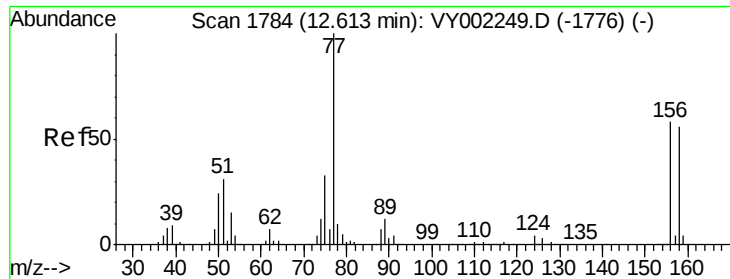
Delta R.T. -0.00 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6192  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 4.914 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 10005

Ion Ratio Lower Upper

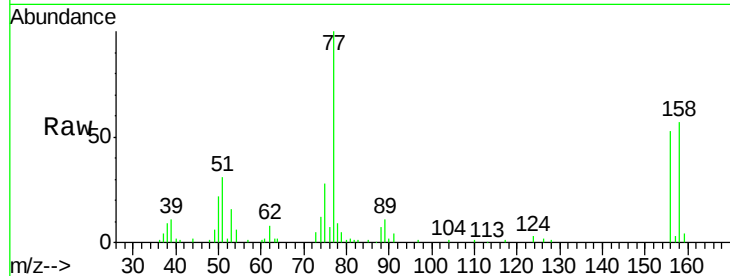
156 100

77 217.7 101.3 303.9

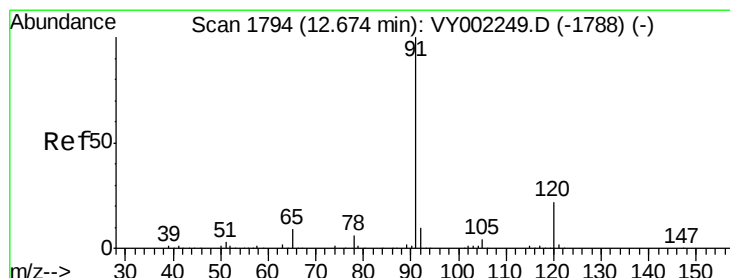
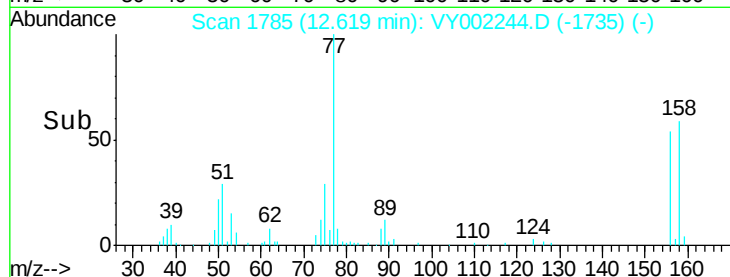
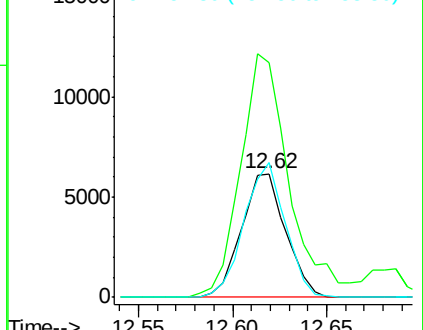
158 101.8 48.3 144.8

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Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VY0  
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.236 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002244.D

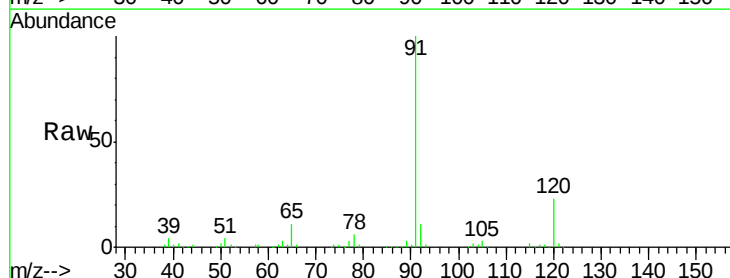
Acq: 08 Apr 2020 11:26

Tgt Ion: 91 Resp: 60258

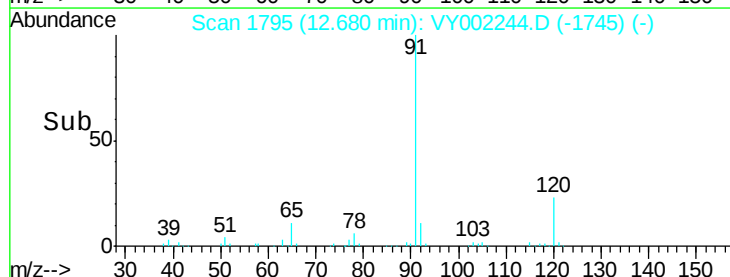
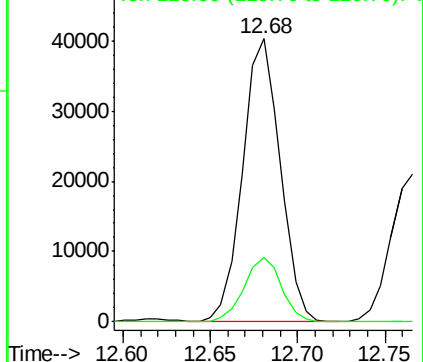
Ion Ratio Lower Upper

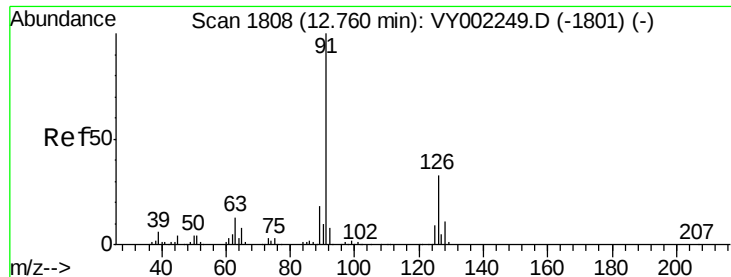
91 100

120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 120.00 (119.70 to 120.70): V





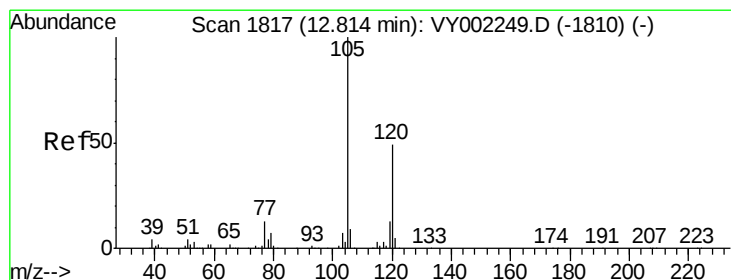
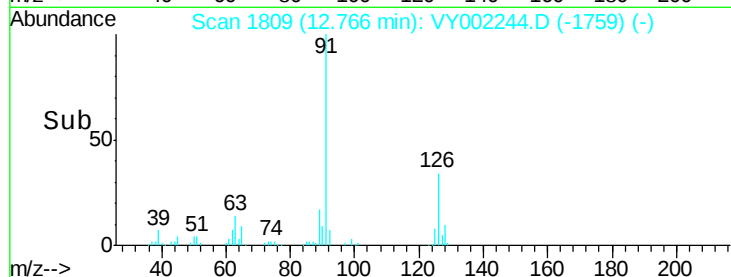
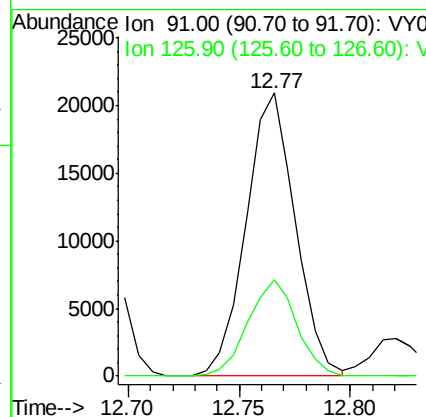
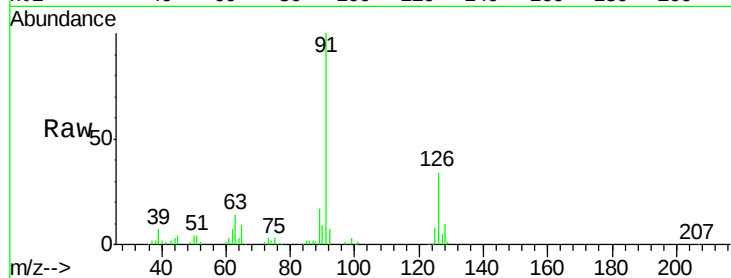
#79  
 2-Chlorotoluene  
 Concen: 5.152 ug/l  
 RT: 12.77 min Scan# 1809  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 91 Resp: 32220  
 Ion Ratio Lower Upper  
 91 100  
 126 33.5 16.9 50.7

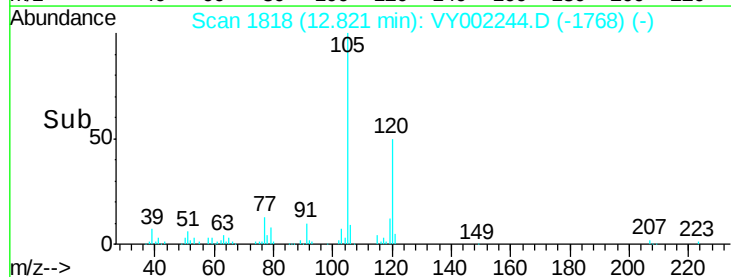
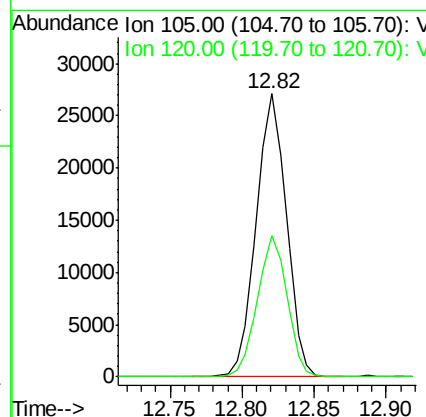
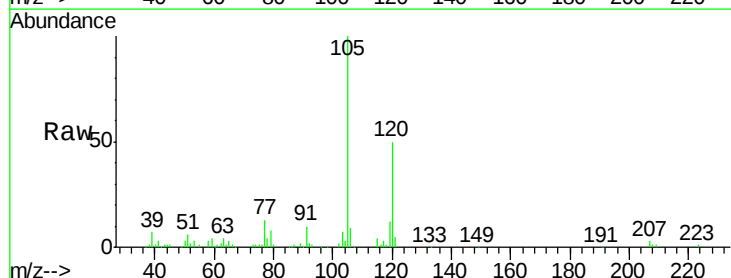
Manual Integrations  
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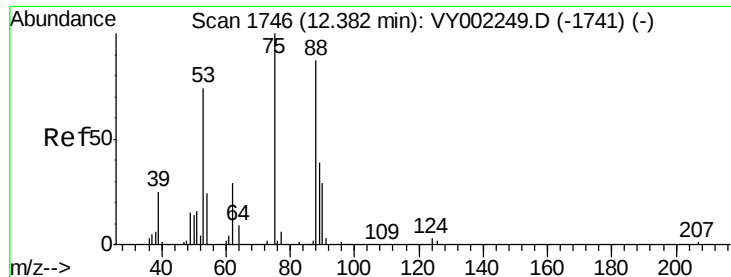
MMDadoda  
 4/9/2020 11:31:38 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 5.133 ug/l  
 RT: 12.82 min Scan# 1818  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

Tgt Ion: 105 Resp: 39285  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.7 74.1





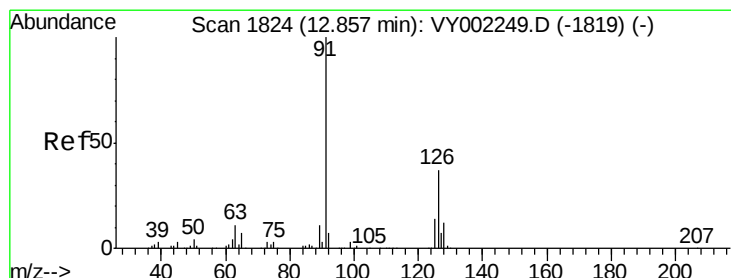
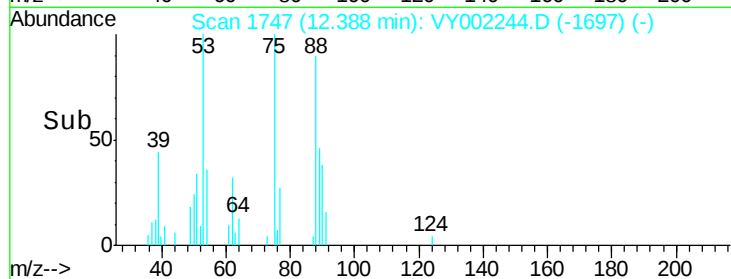
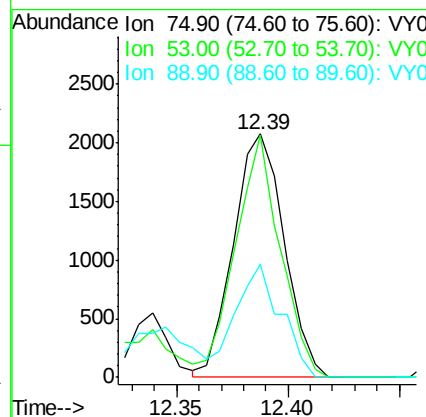
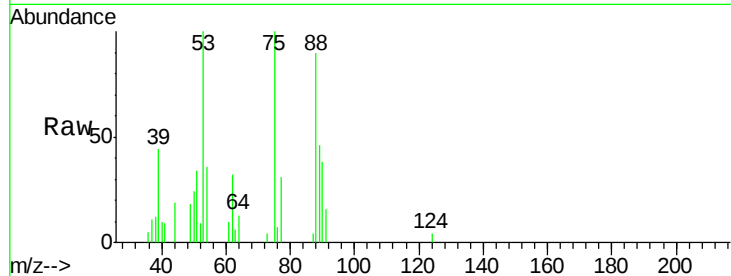
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.663 ug/l  
RT: 12.39 min Scan# 1747  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 88.3  | 59.8  | 89.8  |
| 89      | 41.6  | 37.0  | 55.6  |

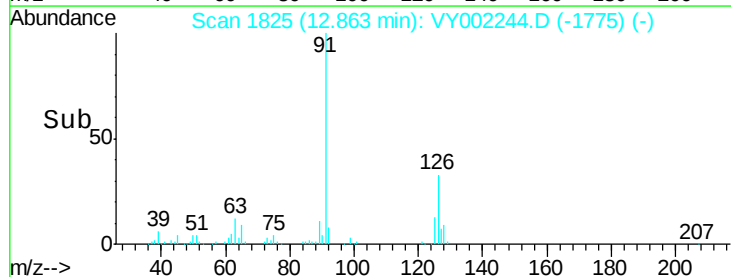
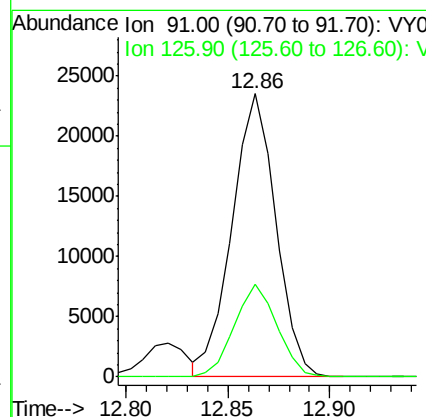
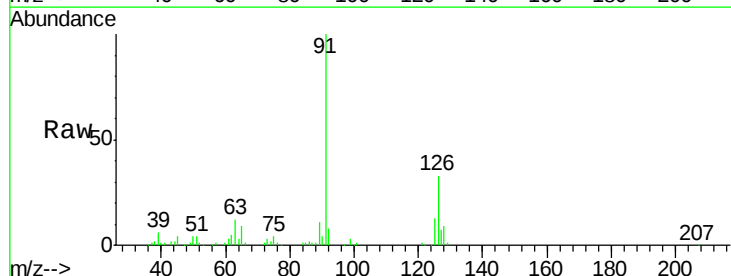
Manual Integrations  
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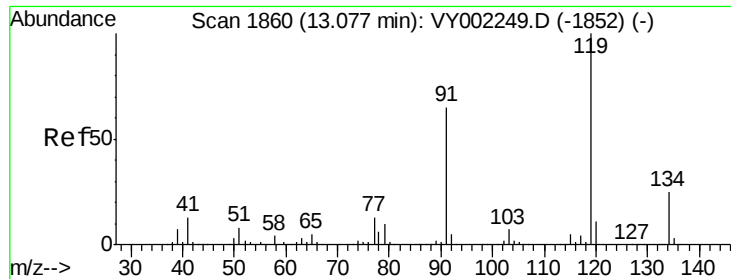
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 5.332 ug/l  
RT: 12.86 min Scan# 1825  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.0  | 16.9  | 50.7  |





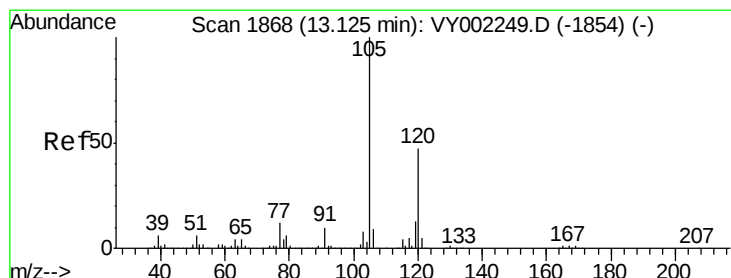
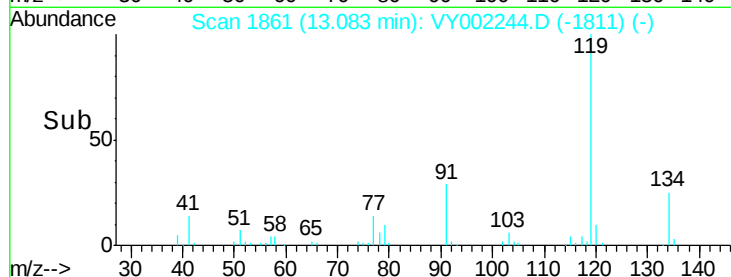
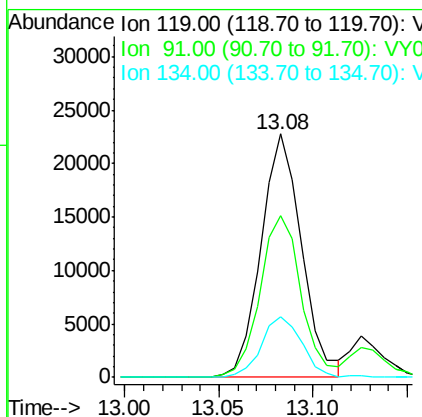
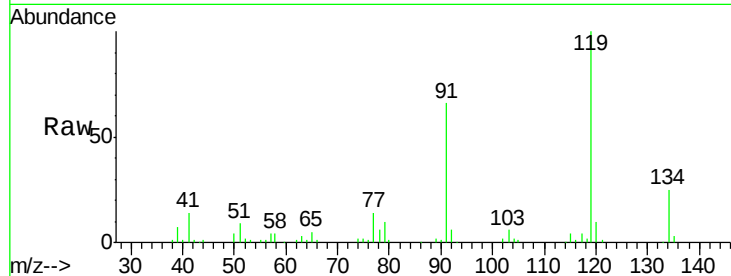
#83  
tert-Butylbenzene  
Concen: 5.309 ug/l  
RT: 13.08 min Scan# 1861  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.5  | 32.4  | 97.0  |
| 134     | 24.9  | 12.6  | 37.6  |

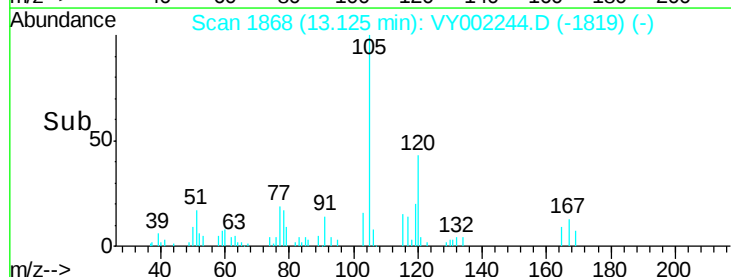
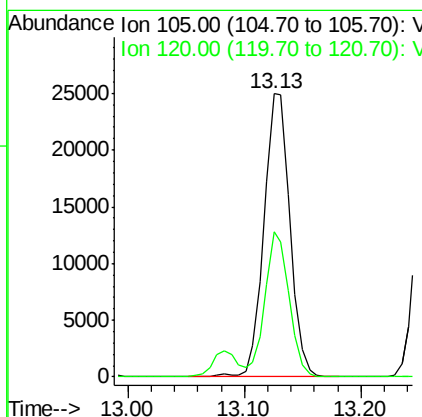
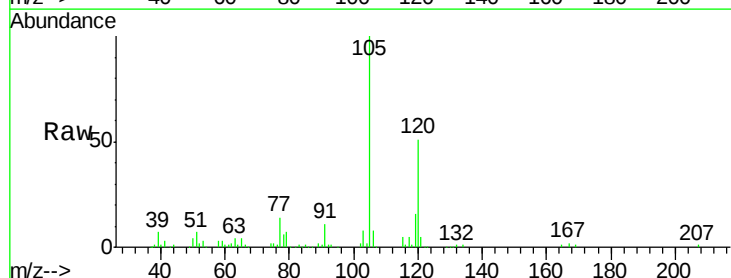
Manual Integrations  
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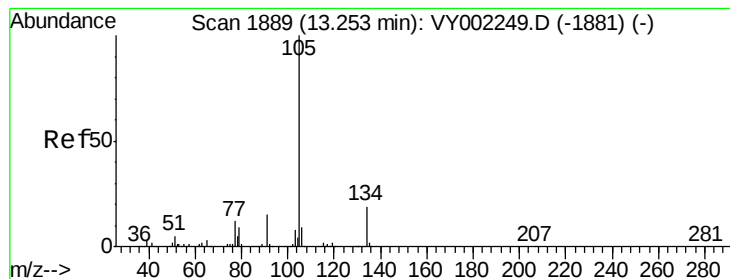
MMDadoda  
4/9/2020 11:31:38 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 5.086 ug/l  
RT: 13.13 min Scan# 1868  
Delta R.T. -0.00 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.4  | 23.1  | 69.2  |





#85

sec-Butylbenzene

Concen: 5.442 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 51969

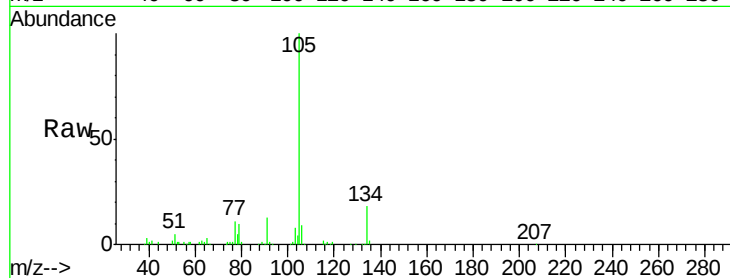
Ion Ratio Lower Upper

105 100

134 18.6 9.8 29.3

Manual Integrations  
APPROVED

MMDadoda  
4/9/2020 11:31:38 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

40000

30000

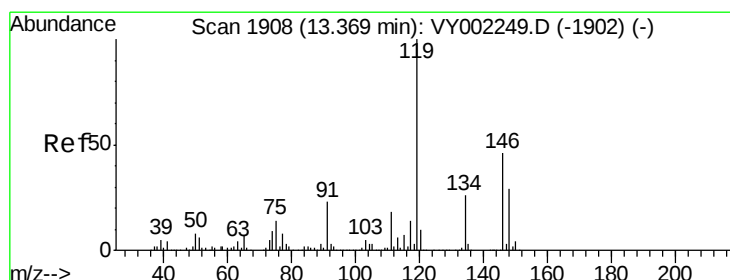
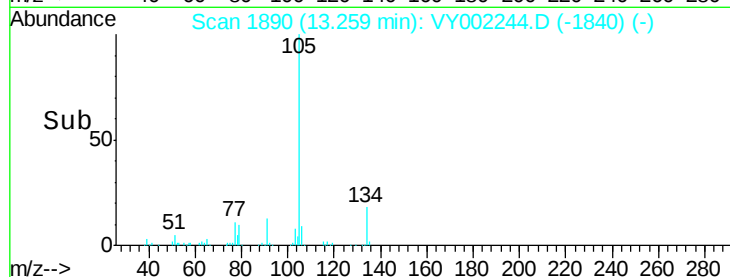
20000

10000

0

Time-->

13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 5.224 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002244.D

Acq: 08 Apr 2020 11:26

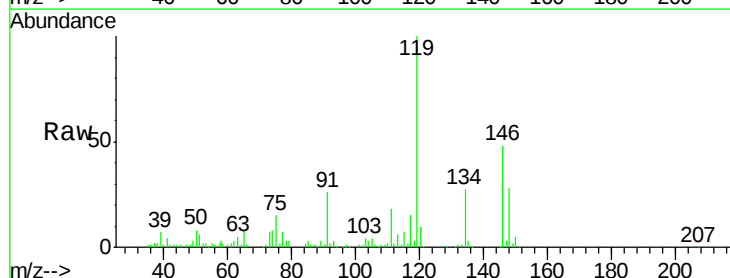
Tgt Ion:119 Resp: 42937

Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.9

91 24.6 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

30000

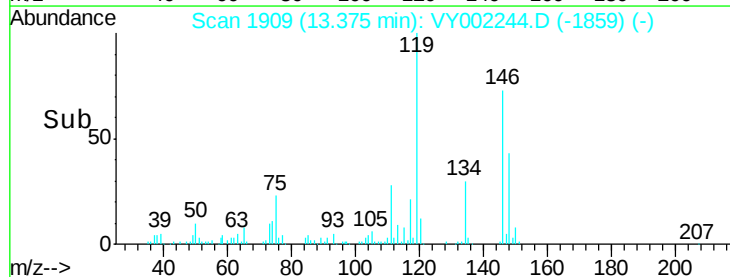
20000

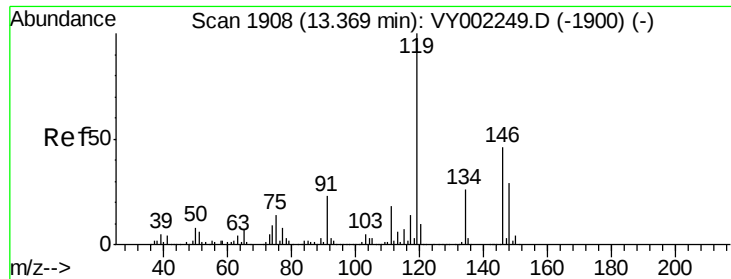
10000

0

Time-->

13.30 13.35 13.40 13.45





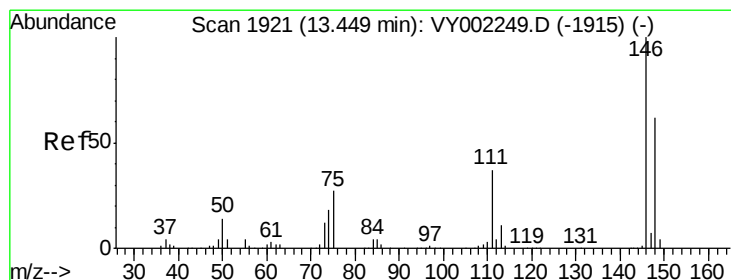
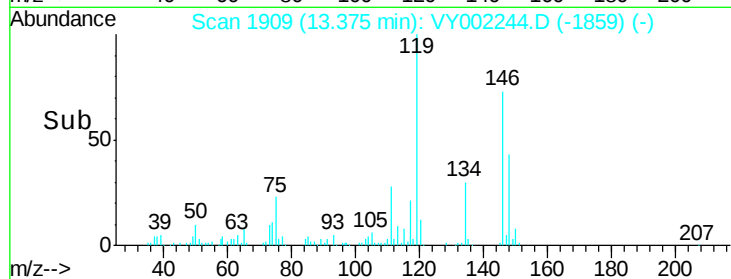
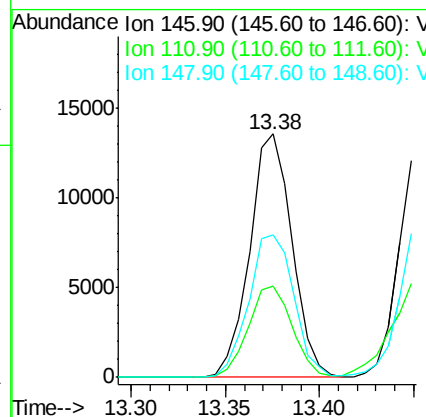
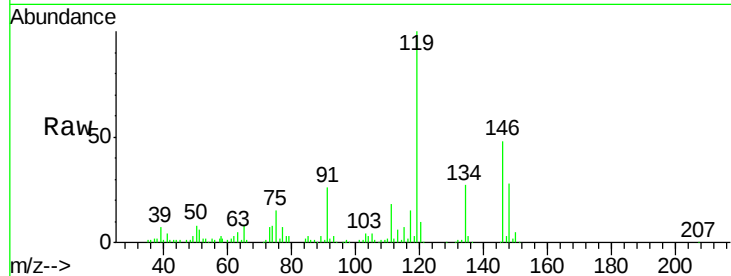
#87  
 1,3-Dichlorobenzene  
 Concen: 5.351 ug/l  
 RT: 13.38 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 20.3  | 60.8  |
| 148     | 62.5  | 32.1  | 96.3  |

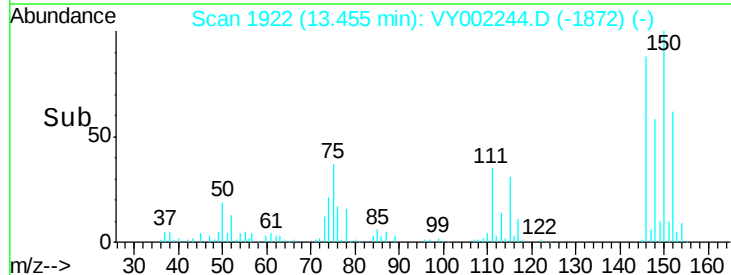
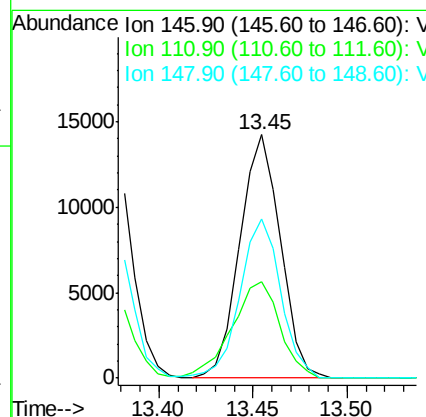
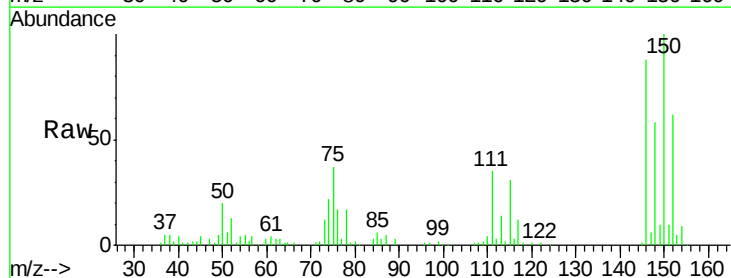
Manual Integrations  
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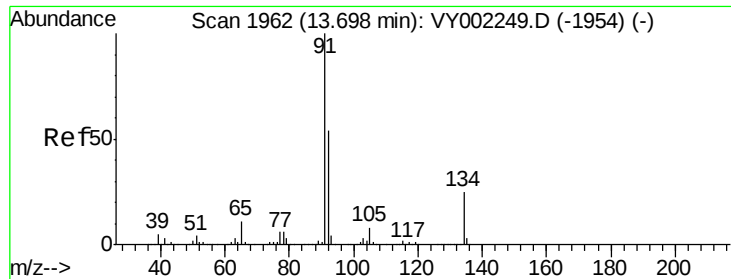
MMDadoda  
 4/9/2020 11:31:38 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 5.309 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 47.2  | 19.6  | 58.8  |
| 148     | 65.9  | 32.0  | 96.0  |





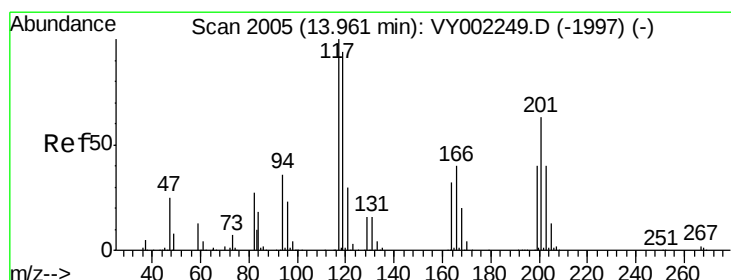
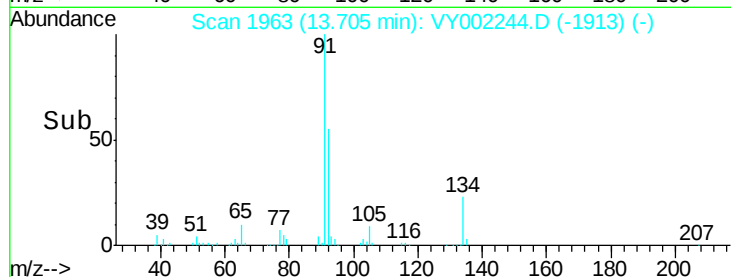
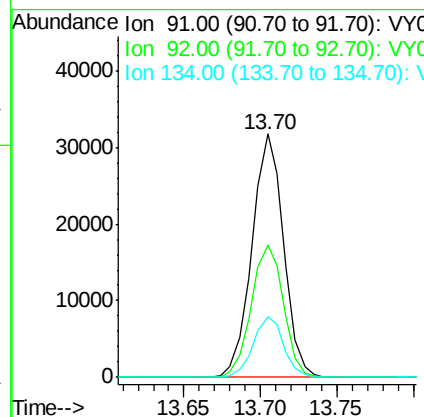
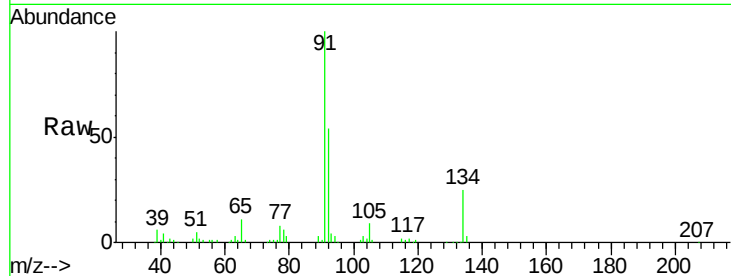
#89  
n-Butylbenzene  
Concen: 5.393 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.5  | 27.2  | 81.6  |
| 134     | 24.2  | 12.7  | 38.0  |

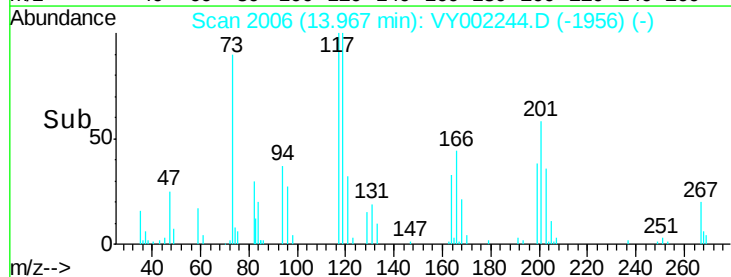
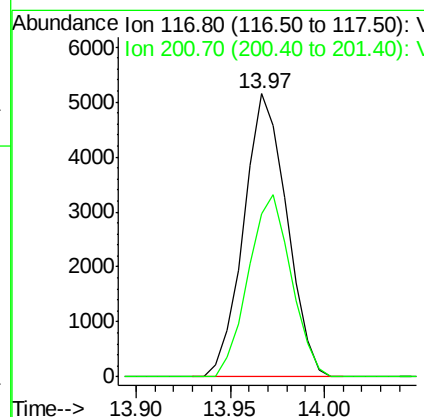
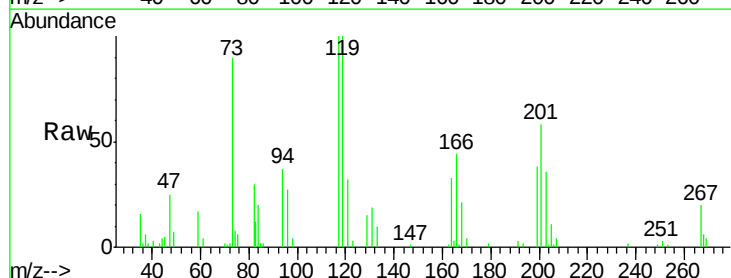
Manual Integrations  
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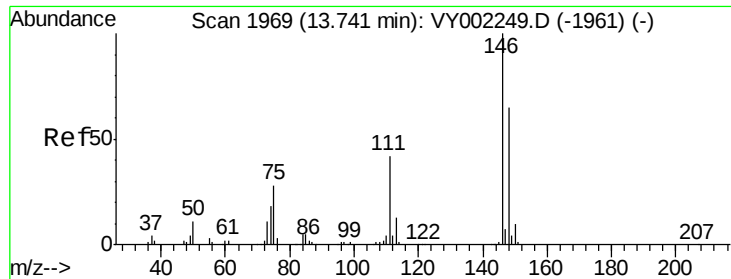
MMDadoda  
4/9/2020 11:31:38 AM



#90  
Hexachloroethane  
Concen: 5.225 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 63.9  | 33.1  | 99.2  |





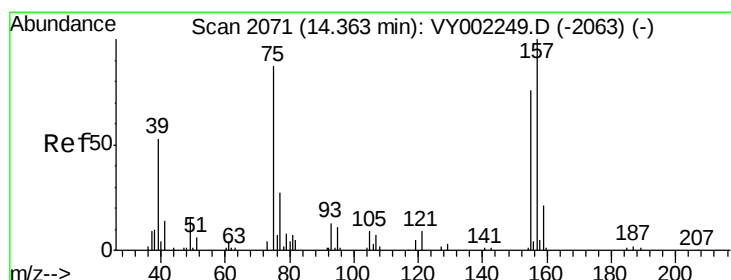
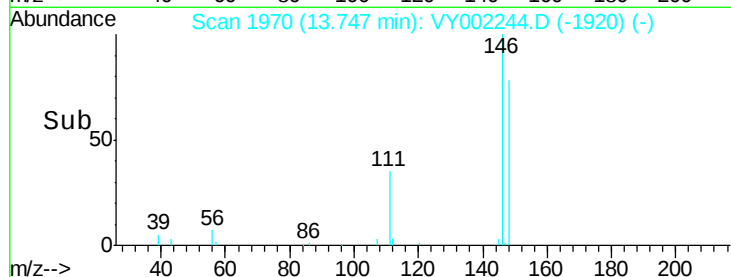
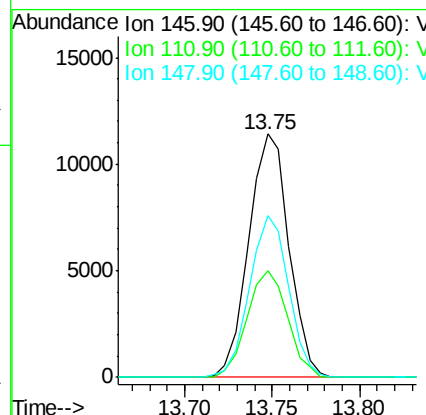
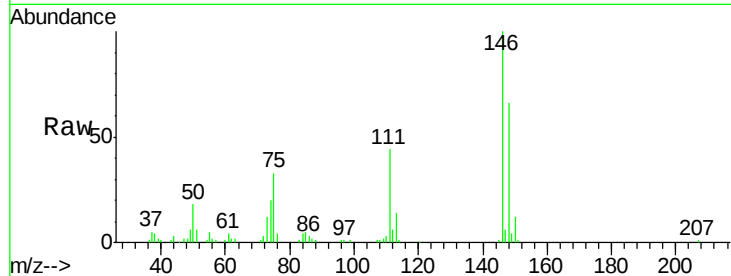
#91  
 1,2-Dichlorobenzene  
 Concen: 5.088 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 21.1  | 63.1  |
| 148     | 64.6  | 31.9  | 95.9  |

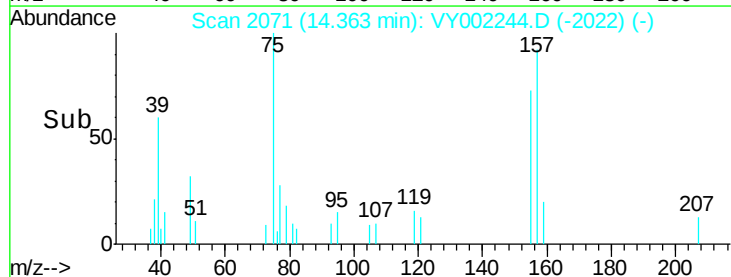
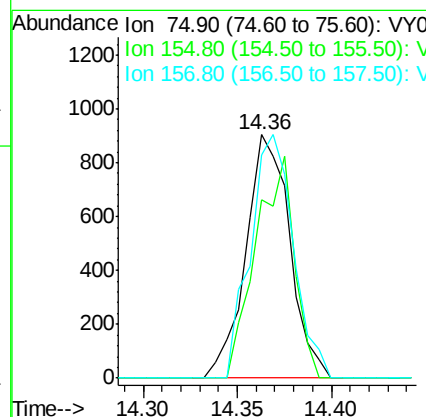
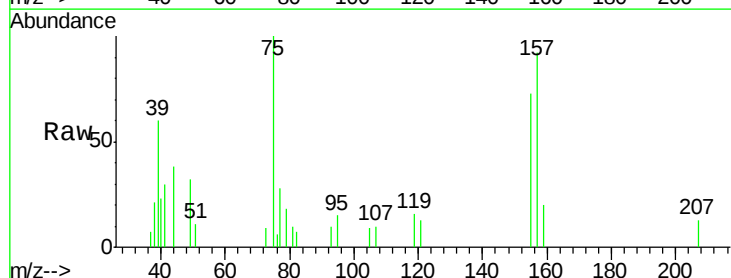
Manual Integrations  
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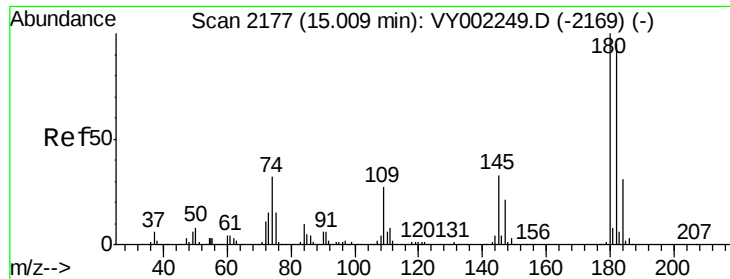
MMDadoda  
 4/9/2020 11:31:38 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.388 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 80.2  | 43.6  | 130.8 |
| 157     | 97.9  | 56.0  | 168.2 |





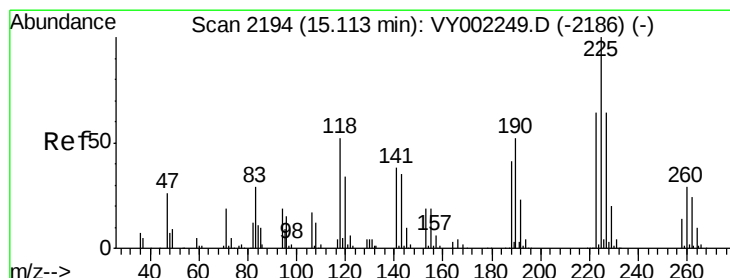
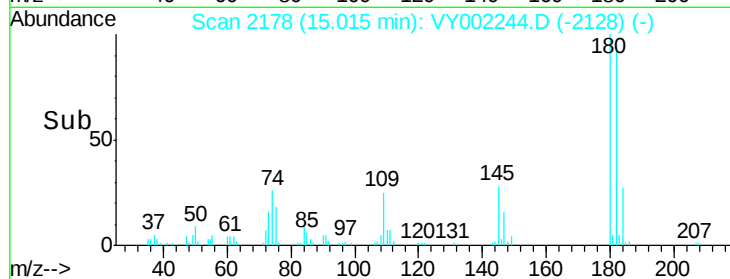
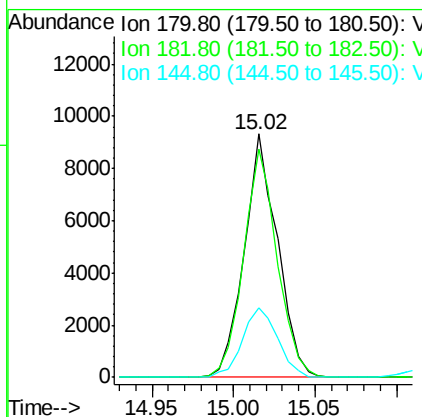
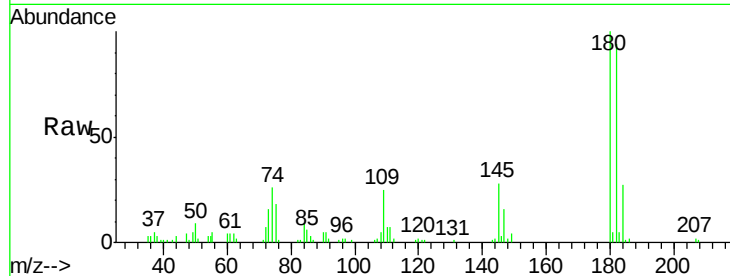
#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.649 ug/l  
 RT: 15.02 min Scan# 2178  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 47.9  | 143.7 |
| 145     | 30.3  | 16.0  | 48.0  |

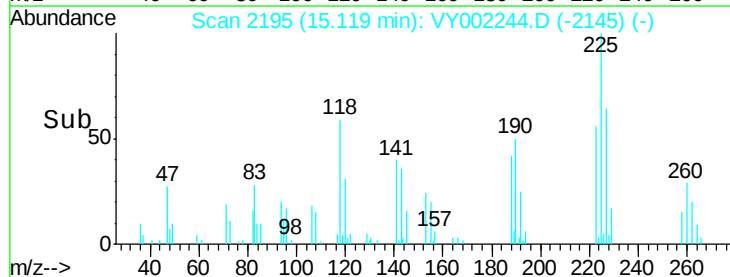
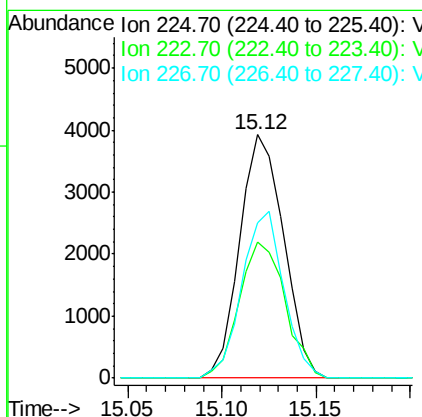
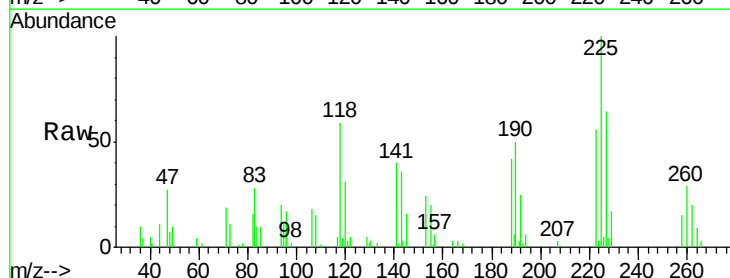
Manual Integrations  
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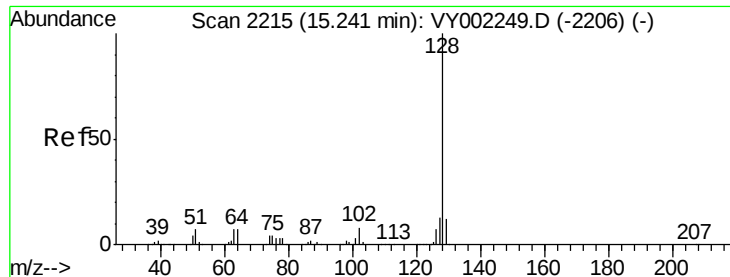
MMDadoda  
 4/9/2020 11:31:38 AM



#94  
 Hexachlorobutadiene  
 Concen: 5.395 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. 0.01 min  
 Lab File: VY002244.D  
 Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 58.4  | 31.0  | 93.0  |
| 227     | 65.0  | 31.3  | 93.9  |





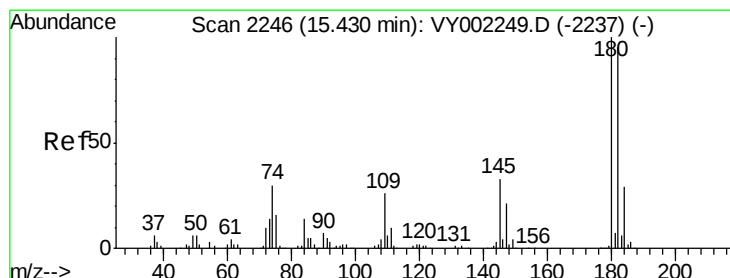
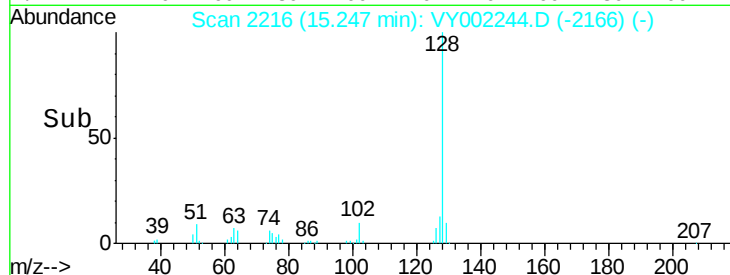
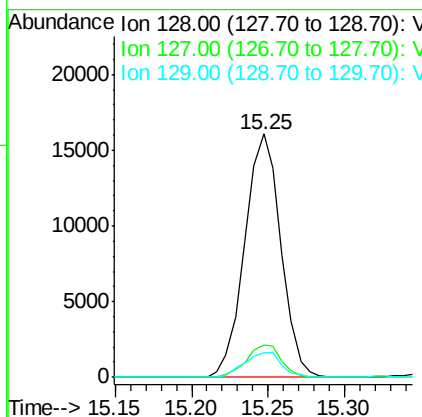
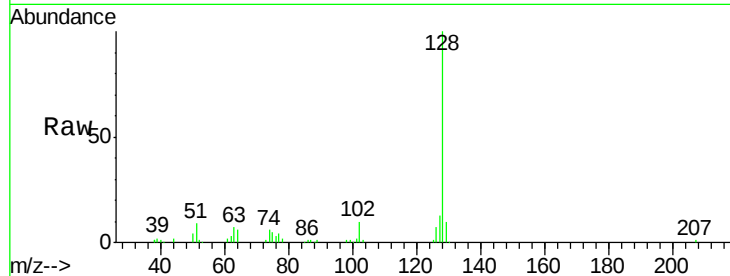
#95  
Naphthalene  
Concen: 5.132 ug/l  
RT: 15.25 min Scan# 2216  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.1  | 15.1  |
| 129     | 10.5  | 8.7   | 13.1  |

Manual Integrations  
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4/9/2020 11:31:38 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 5.672 ug/l  
RT: 15.44 min Scan# 2247  
Delta R.T. 0.01 min  
Lab File: VY002244.D  
Acq: 08 Apr 2020 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.3  | 47.1  | 141.3 |
| 145     | 32.4  | 16.7  | 50.1  |

