

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\  
 Data File : VY002299.D  
 Acq On : 14 Apr 2020 11:21  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/15/2020 9:38:16 AM

Quant Time: Apr 15 05:53:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 166213   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 294817   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 260516   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 115135   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.16   | 65  | 89276    | 48.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.60%  |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 94601    | 53.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.86% |      |
| 50) Toluene-d8            | 10.19  | 98  | 392146   | 53.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.82% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 121230   | 50.04 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.08% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 81451  | 48.487  | ug/l | 97     |
| 3) Chloromethane              | 2.12 | 50  | 95696  | 45.264  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.26 | 62  | 105062 | 46.688  | ug/l | 98     |
| 5) Bromomethane               | 2.66 | 94  | 64611  | 46.495  | ug/l | 95     |
| 6) Chloroethane               | 2.80 | 64  | 61466  | 47.362  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.14 | 101 | 143397 | 49.343  | ug/l | 98     |
| 8) Diethyl Ether              | 3.55 | 74  | 60364  | 48.860  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.92 | 101 | 99577  | 50.443  | ug/l | 99     |
| 10) Methyl Iodide             | 4.11 | 142 | 121359 | 52.888  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.99 | 59  | 45116  | 225.900 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 3.89 | 96  | 102976 | 51.309  | ug/l | 95     |
| 13) Acrolein                  | 3.75 | 56  | 57164  | 239.854 | ug/l | 99     |
| 14) Allyl chloride            | 4.50 | 41  | 152059 | 46.918  | ug/l | 97     |
| 15) Acrylonitrile             | 5.19 | 53  | 145509 | 230.313 | ug/l | 99     |
| 16) Acetone                   | 3.97 | 43  | 143420 | 294.595 | ug/l | 92     |
| 17) Carbon Disulfide          | 4.21 | 76  | 334326 | 50.159  | ug/l | 99     |
| 18) Methyl Acetate            | 4.50 | 43  | 66395  | 43.968  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 247792 | 46.963  | ug/l | 97     |
| 20) Methylene Chloride        | 4.74 | 84  | 112621 | 47.065  | ug/l | 92     |
| 21) trans-1,2-Dichloroethene  | 5.24 | 96  | 112075 | 49.751  | ug/l | 95     |
| 22) Diisopropyl ether         | 6.14 | 45  | 298827 | 45.817  | ug/l | 96     |
| 23) Vinyl Acetate             | 6.08 | 43  | 940248 | 226.220 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 6.05 | 63  | 179825 | 48.473  | ug/l | 98     |
| 25) 2-Butanone                | 7.01 | 43  | 186881 | 242.562 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.00 | 77  | 147291 | 47.463  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 7.01 | 96  | 119941 | 48.842  | ug/l | 96     |
| 28) Bromochloromethane        | 7.36 | 49  | 72786  | 45.451  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.37 | 42  | 111572 | 219.077 | ug/l | 98     |
| 30) Chloroform                | 7.53 | 83  | 171095 | 48.926  | ug/l | 98     |
| 31) Cyclohexane               | 7.80 | 56  | 180875 | 46.449  | ug/l | 92     |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 144820 | 49.755  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 145918 | 50.249  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.10 | 43  | 72648  | 43.792  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.92 | 117 | 127296 | 51.248  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\  
 Data File : VY002299.D  
 Acq On : 14 Apr 2020 11:21  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/15/2020 9:38:16 AM

Quant Time: Apr 15 05:53:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.20  | 83   | 198006   | 50.126   | ug/l   | 96       |
| 40) Benzene                    | 8.18  | 78   | 441151   | 50.071   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.35  | 41   | 41505m   | 42.411   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 101139   | 46.341   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.29  | 43   | 135645   | 44.833   | ug/l   | 97       |
| 44) Trichloroethene            | 8.96  | 130  | 125301   | 48.373   | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 108060   | 49.432   | ug/l   | 96       |
| 46) Dibromomethane             | 9.32  | 93   | 55428    | 48.494   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.51  | 83   | 130179   | 49.637   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 58885    | 43.405   | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 16326    | 1009.765 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 357591   | 226.818  | ug/l   | 98       |
| 52) Toluene                    | 10.25 | 92   | 268202   | 50.512   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 139816   | 48.930   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 169820   | 49.433   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 82498    | 49.300   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 115902   | 48.529   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 141567   | 48.131   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 296608   | 239.822  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.84 | 43   | 259920   | 237.549  | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.00 | 129  | 90116    | 50.504   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 78495    | 49.273   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.73 | 164  | 131901   | 50.079   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.52 | 112  | 272120   | 50.250   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 89321    | 49.957   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 484871   | 48.909   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.71 | 106  | 366217   | 98.627   | ug/l   | 97       |
| 69) o-Xylene                   | 12.03 | 106  | 172723   | 49.547   | ug/l   | 96       |
| 70) Styrene                    | 12.05 | 104  | 298090   | 49.286   | ug/l   | 98       |
| 71) Bromoform                  | 12.22 | 173  | 48164    | 49.536   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.34 | 105  | 453549   | 50.143   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.15 | 43   | 113584   | 44.238   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 59267    | 54.158   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 53674m   | 40.146   | ug/l   |          |
| 77) Bromobenzene               | 12.62 | 156  | 100984   | 50.746   | ug/l   | 94       |
| 78) n-propylbenzene            | 12.68 | 91   | 555688   | 49.397   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 297579   | 48.676   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 366536   | 48.998   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 34266    | 49.849   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 310203   | 48.412   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 316477   | 50.508   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 367959   | 49.259   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.26 | 105  | 456888   | 48.948   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 398061   | 49.549   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.38 | 146  | 190137   | 49.301   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 189821   | 48.488   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.70 | 91   | 399907   | 48.564   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 74932    | 48.947   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 173595   | 49.536   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.37 | 75   | 12240    | 46.246   | ug/l   | 94       |

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Data File : VY002299.D  
Acq On : 14 Apr 2020 11:21  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

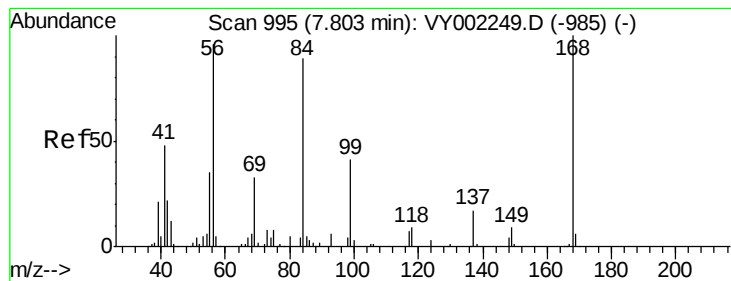
MMDadoda  
4/15/2020 9:38:16 AM

Quant Time: Apr 15 05:53:28 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 08 15:15:02 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 110406   | 48.199 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 53729    | 46.571 | ug/l  | 97       |
| 95) Naphthalene            | 15.25 | 128  | 237309   | 47.316 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 94172    | 47.347 | 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: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 166213

Ion Ratio Lower Upper

168 100

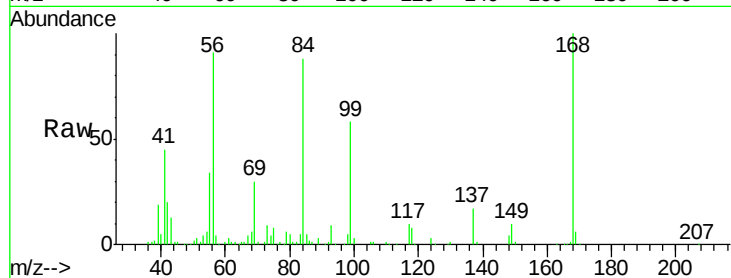
99 57.7 48.0 72.0

Manual Integrations

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4/15/2020 9:38:16 AM



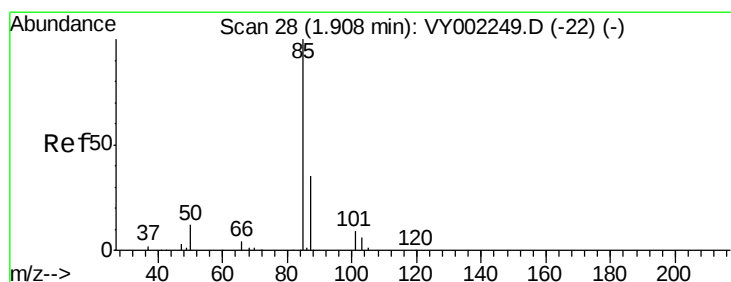
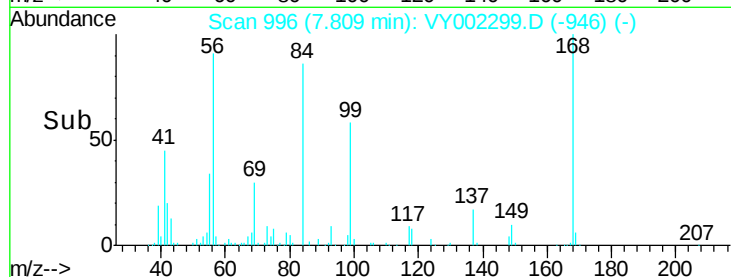
Abundance Ion 167.90 (167.60 to 168.60): VY002299.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002299.D (-985) (-)

7.81

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.487 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002299.D

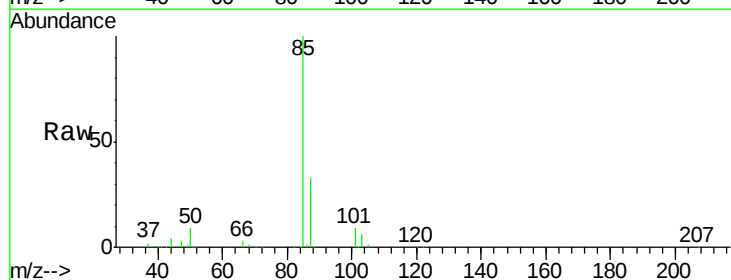
Acq: 14 Apr 2020 11:21

Tgt Ion: 85 Resp: 81451

Ion Ratio Lower Upper

85 100

87 33.1 17.3 51.9



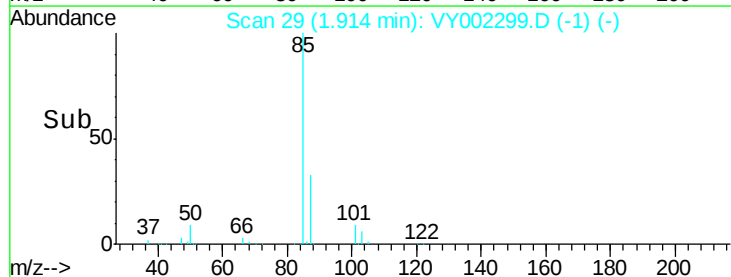
Abundance Ion 84.90 (84.60 to 85.60): VY002299.D (-22) (-)

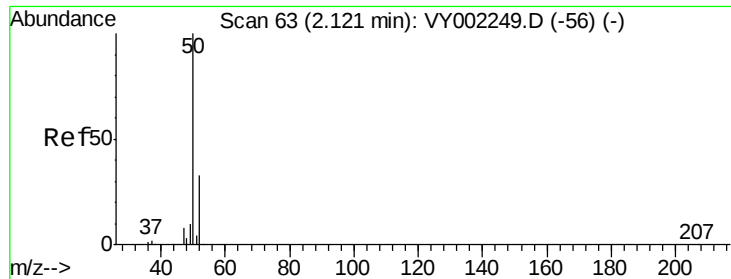
Ion 86.90 (86.60 to 87.60): VY002299.D (-22) (-)

1.91

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.264 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 95696

Ion Ratio Lower Upper

50 100

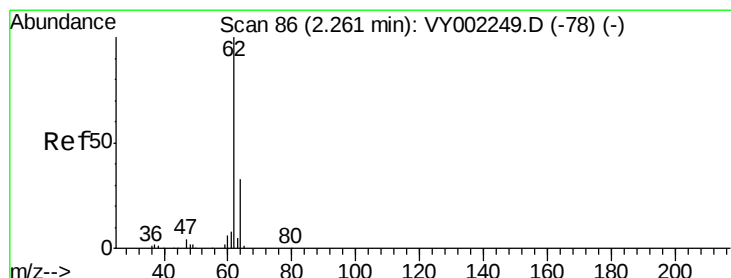
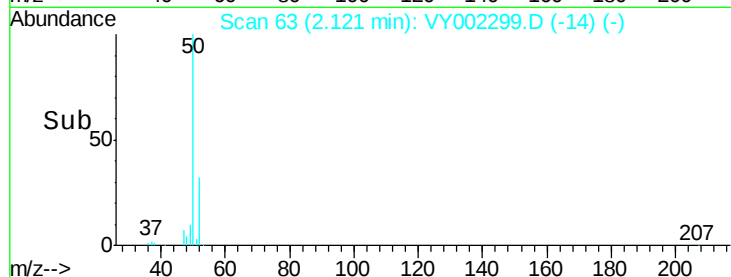
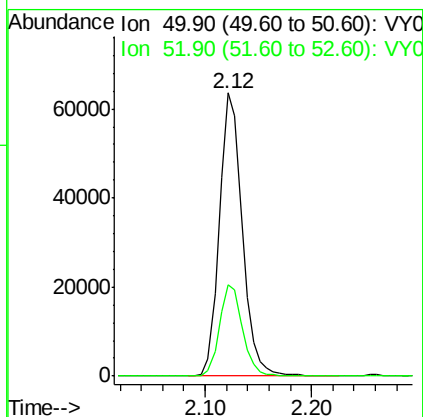
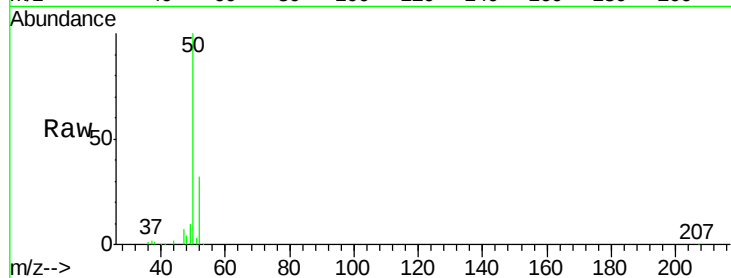
52 32.2 26.6 39.8

Manual Integrations

APPROVED

MMDadoda

4/15/2020 9:38:16 AM



#4

Vinyl Chloride

Concen: 46.688 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002299.D

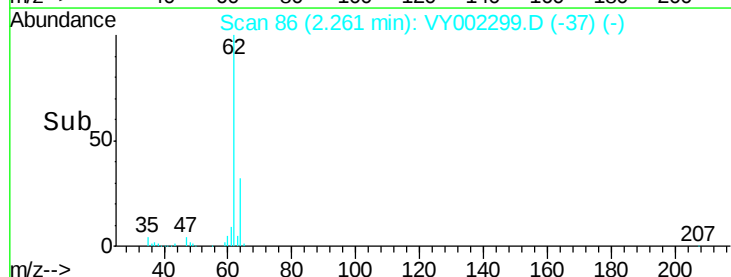
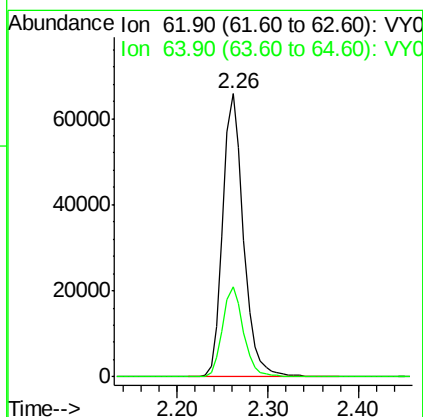
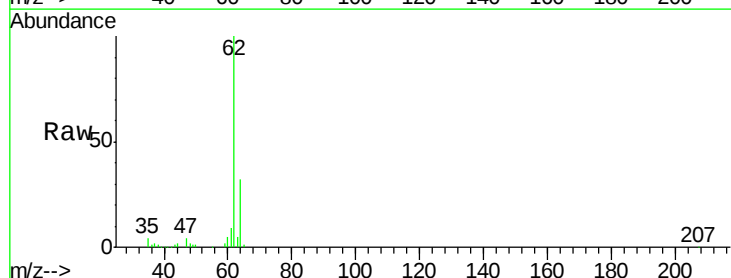
Acq: 14 Apr 2020 11:21

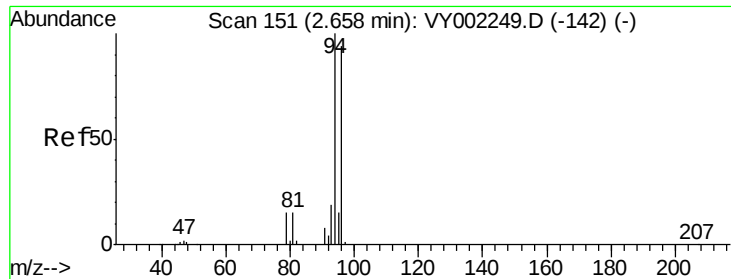
Tgt Ion: 62 Resp: 105062

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 46.495 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 64611

Ion Ratio Lower Upper

94 100

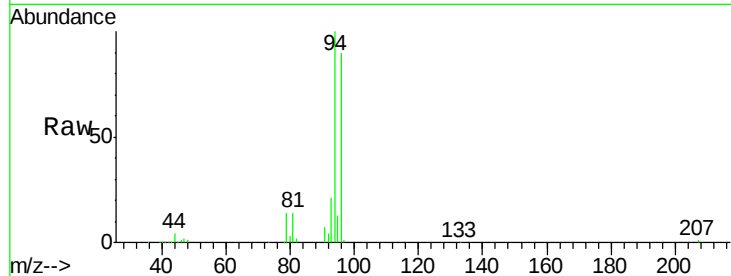
96 89.8 75.6 113.4

Manual Integrations

APPROVED

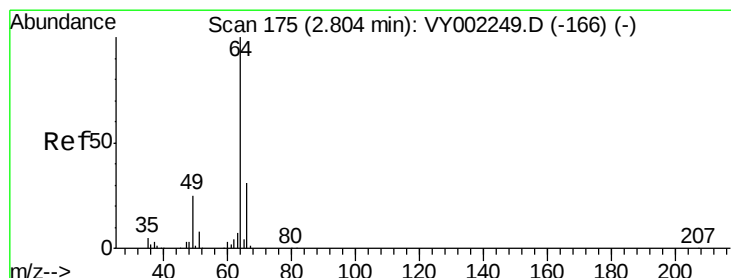
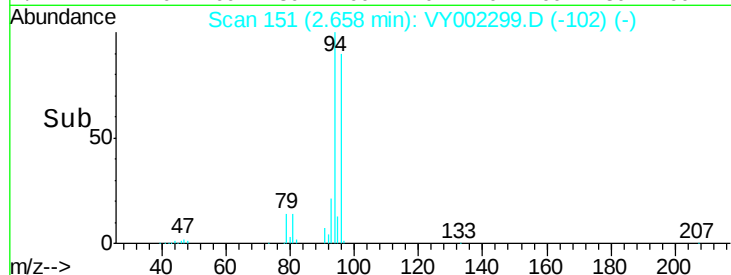
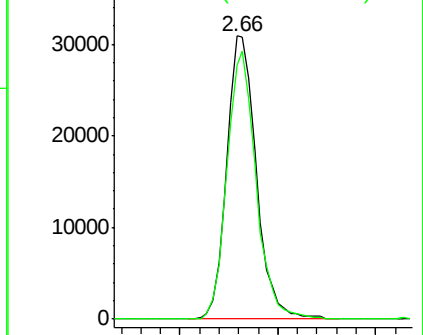
MMDadoda

4/15/2020 9:38:16 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.362 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002299.D

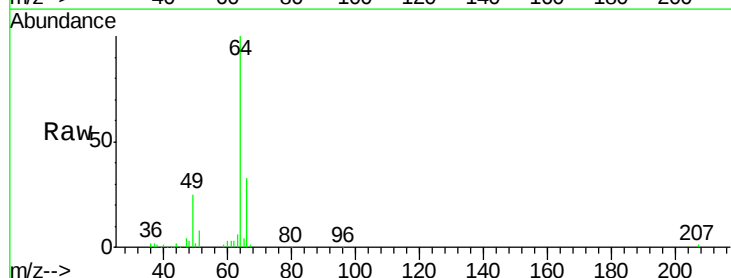
Acq: 14 Apr 2020 11:21

Tgt Ion: 64 Resp: 61466

Ion Ratio Lower Upper

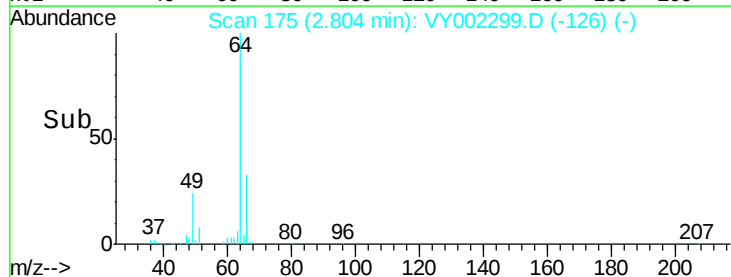
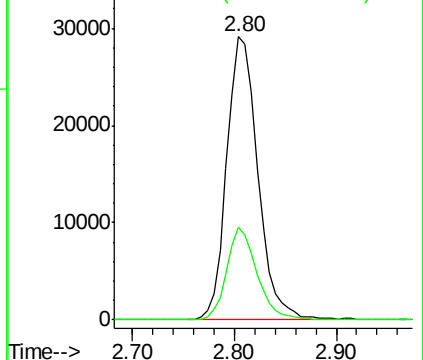
64 100

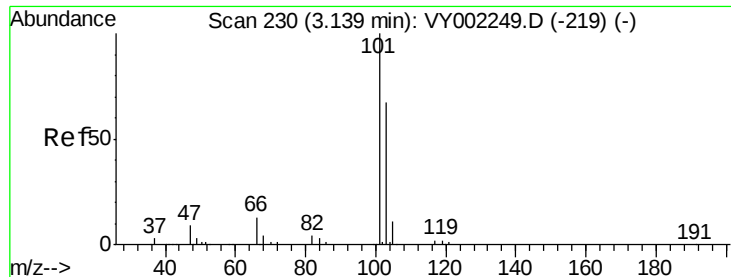
66 32.7 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

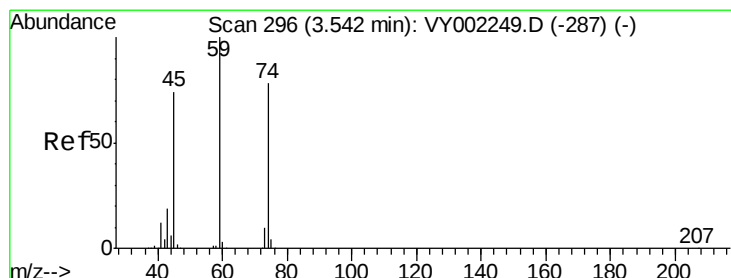
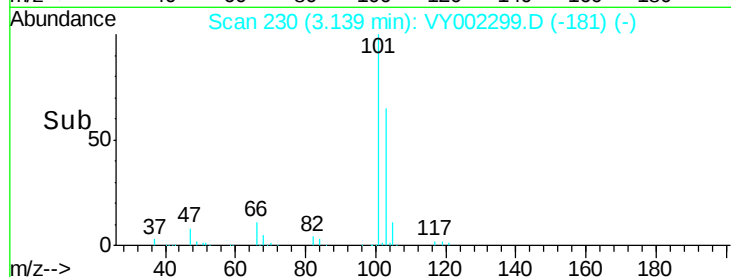
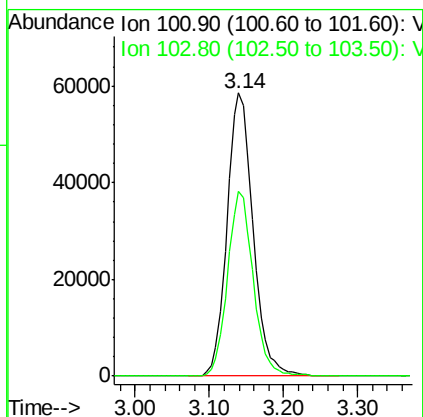
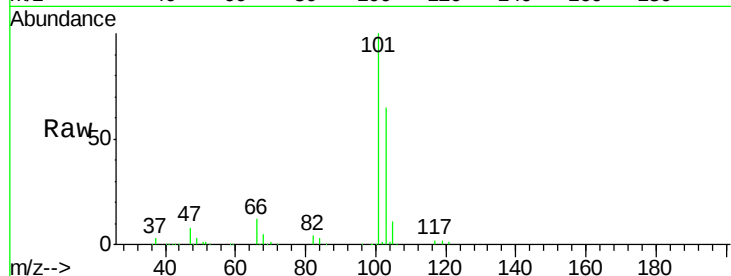
Trichlorofluoromethane  
Concen: 49.343 ug/l  
RT: 3.14 min Scan# 230  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 143397 |       |       |
| 103     | 65.1  | 53.3   | 79.9  |       |

Manual Integrations  
APPROVED

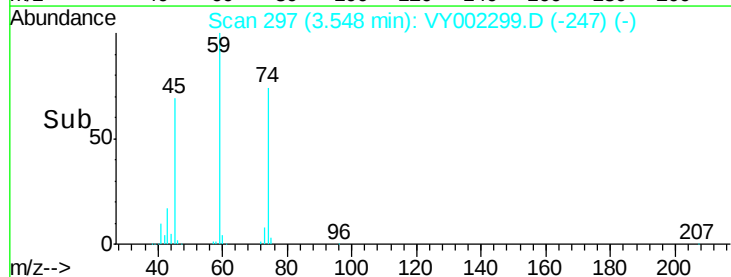
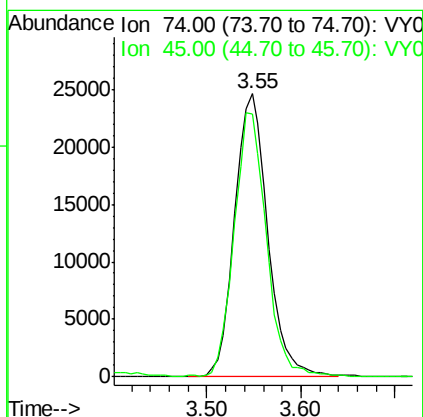
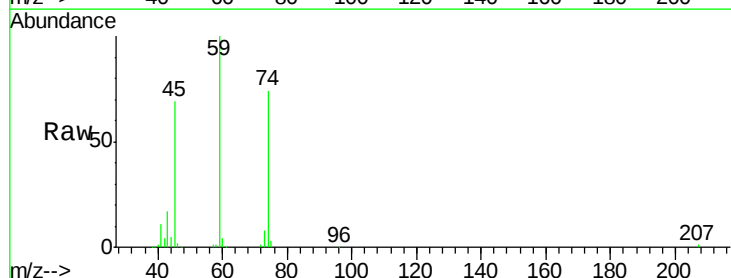
MMDadoda  
4/15/2020 9:38:16 AM

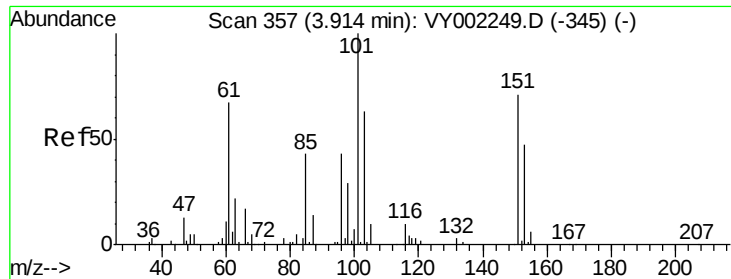


#8

Diethyl Ether  
Concen: 48.860 ug/l  
RT: 3.55 min Scan# 297  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 60364 |       |       |
| 45      | 91.4  | 48.0  | 144.2 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.443 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

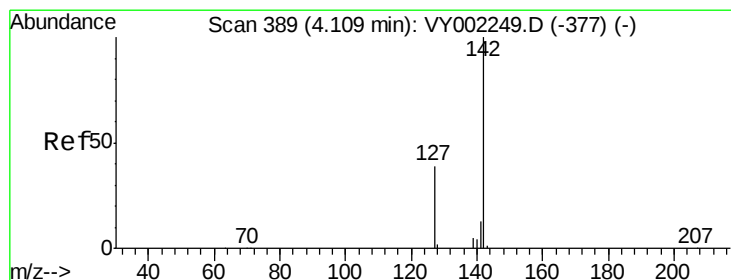
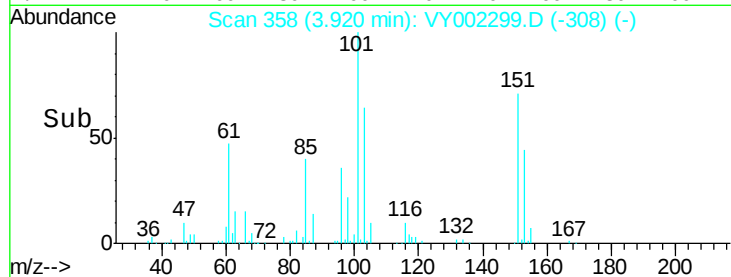
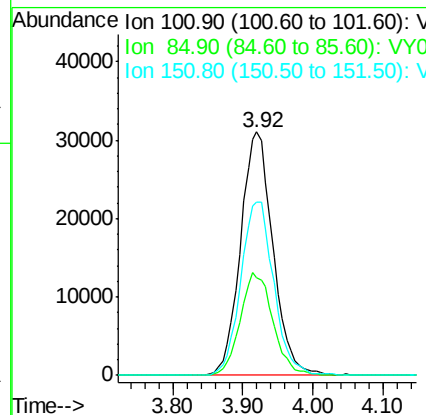
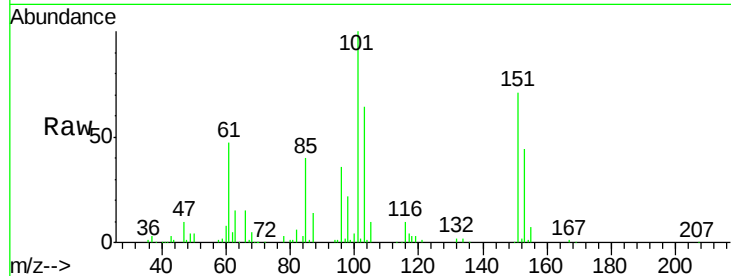
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 99577 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.6  | 34.6  | 52.0  |
| 151       | 72.7  | 57.6  | 86.4  |

Manual Integrations  
APPROVED

MMDadoda  
4/15/2020 9:38:16 AM



#10

Methyl Iodide

Concen: 52.888 ug/l

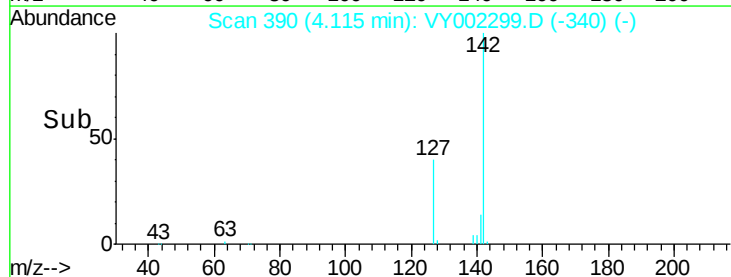
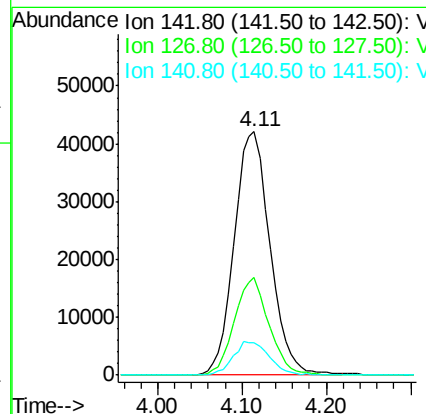
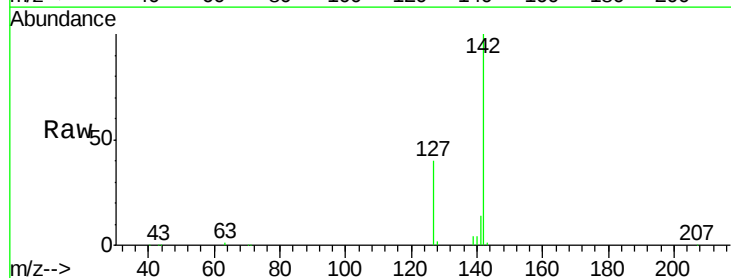
RT: 4.11 min Scan# 390

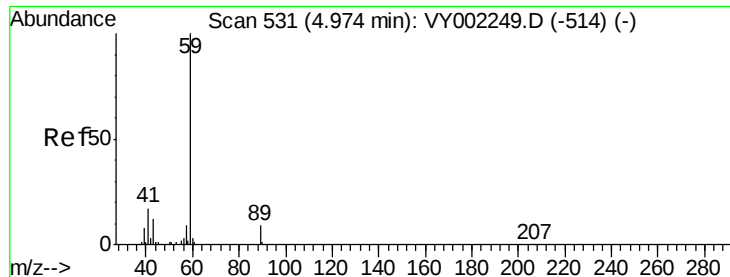
Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 121359 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.8  | 32.4  | 48.6   |
| 141       | 13.9  | 11.2  | 16.8   |





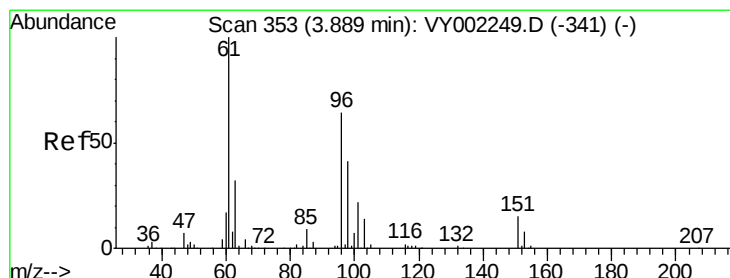
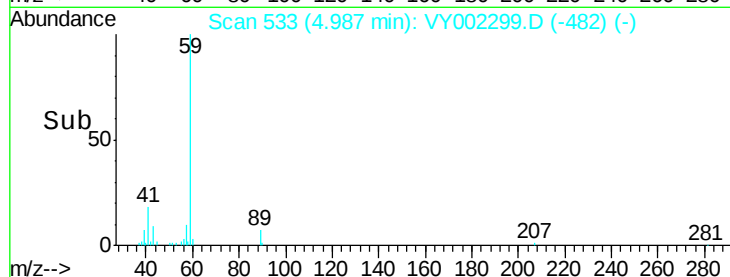
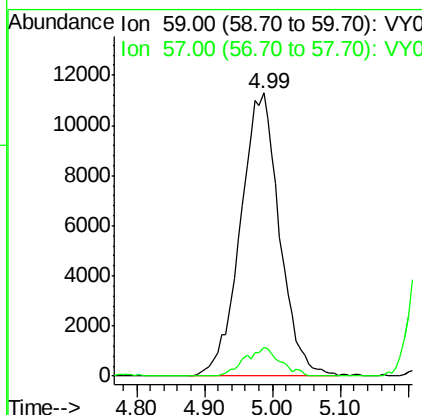
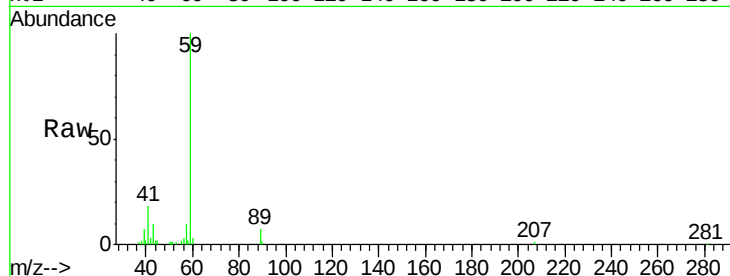
#11  
Tert butyl alcohol  
Concen: 225.900 ug/l  
RT: 4.99 min Scan# 533  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.0   | 6.6   | 9.8   |

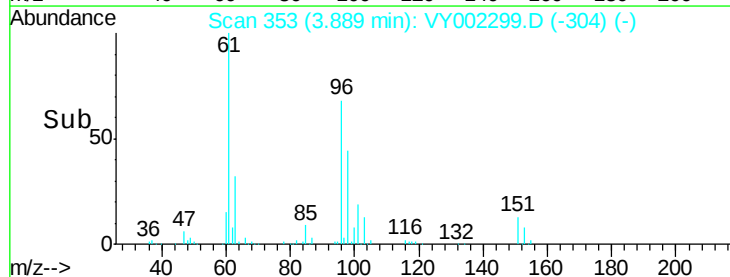
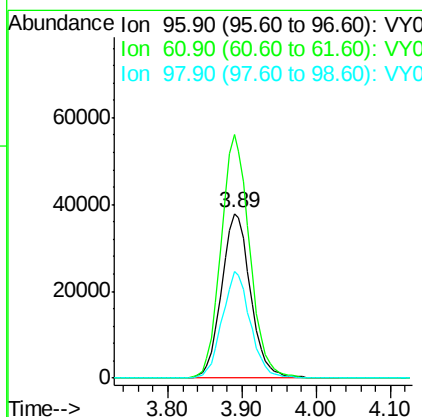
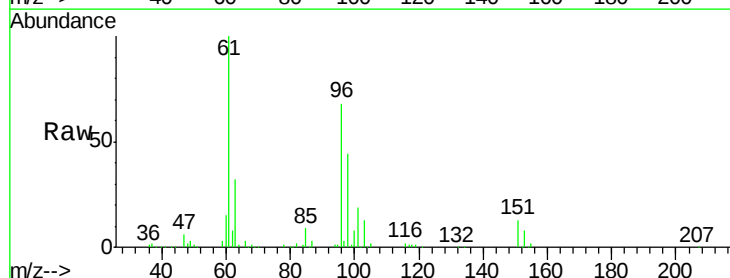
Manual Integrations  
APPROVED

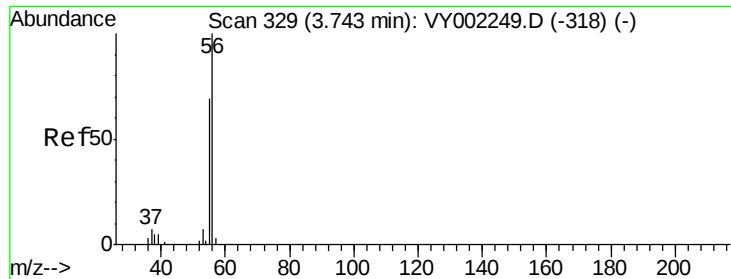
MMDadoda  
4/15/2020 9:38:16 AM



#12  
1,1-Dichloroethene  
Concen: 51.309 ug/l  
RT: 3.89 min Scan# 353  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 147.9 | 125.9 | 188.9 |
| 98      | 64.6  | 51.1  | 76.7  |





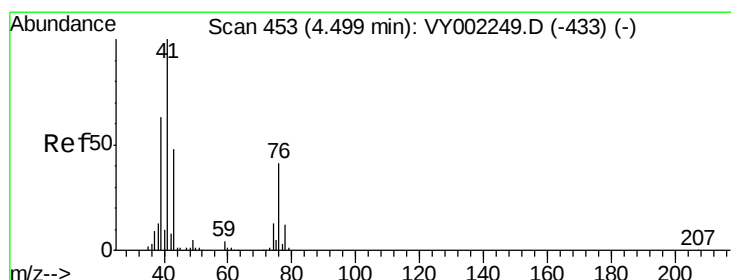
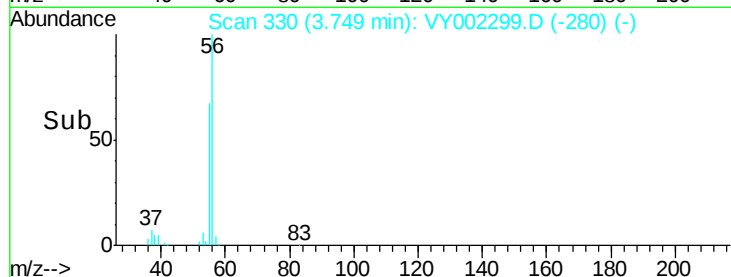
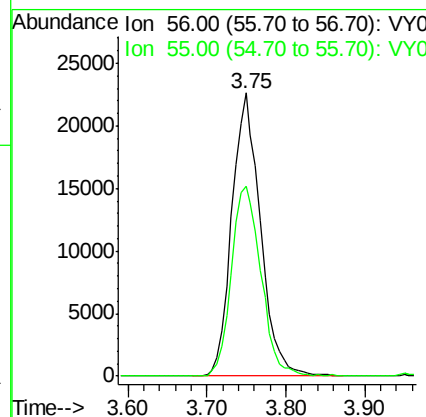
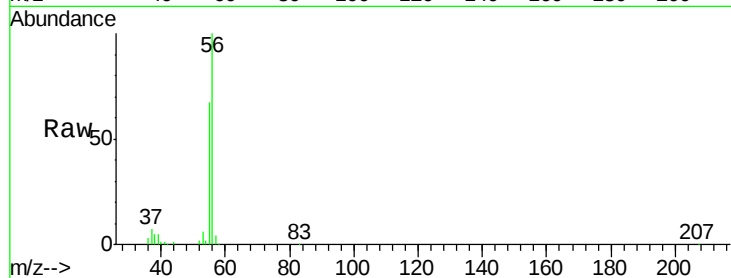
#13  
Acrolein  
Concen: 239.854 ug/l  
RT: 3.75 min Scan# 330  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 69.3  | 55.8  | 83.8  |

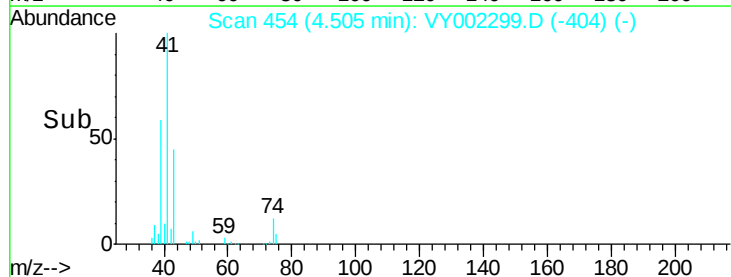
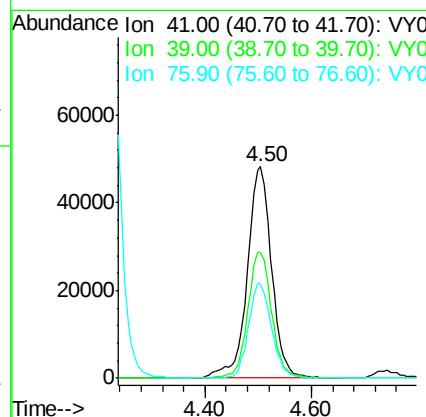
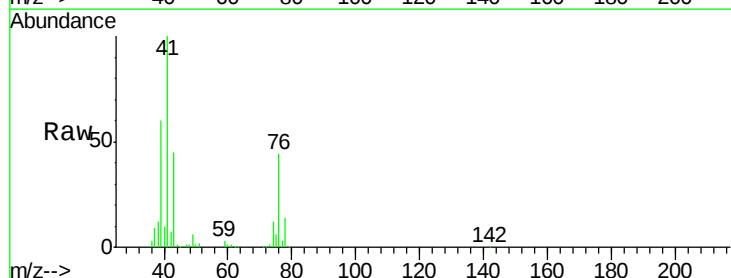
Manual Integrations  
APPROVED

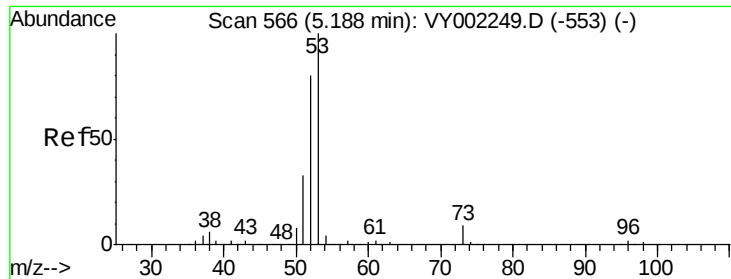
MMDadoda  
4/15/2020 9:38:16 AM



#14  
Allyl chloride  
Concen: 46.918 ug/l  
RT: 4.50 min Scan# 454  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 58.4  | 48.0  | 72.0  |
| 76      | 42.2  | 31.0  | 46.6  |





#15

Acrylonitrile

Concen: 230.313 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

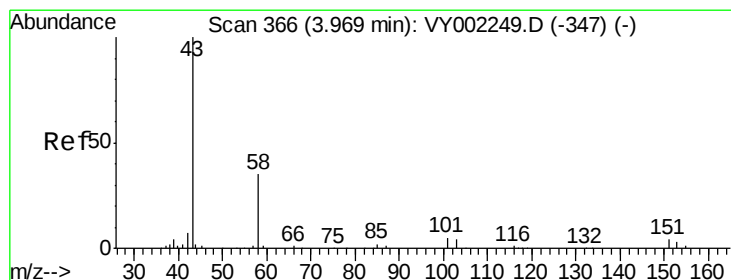
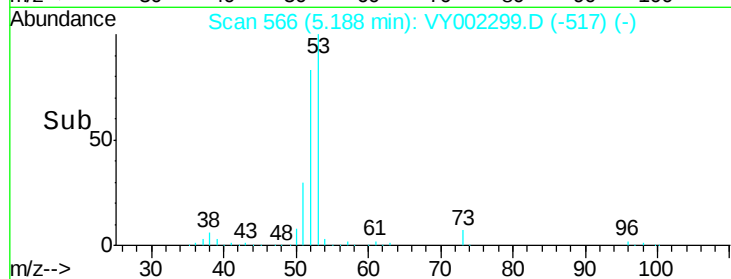
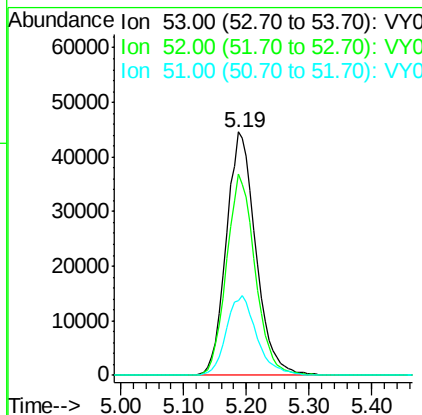
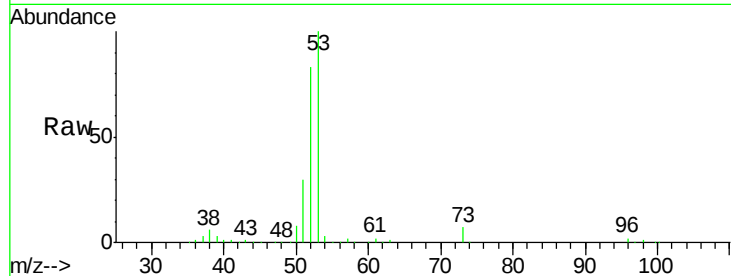
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 145509 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 80.0  | 65.1  | 97.7   |
| 51       | 33.9  | 27.1  | 40.7   |

Manual Integrations  
APPROVED

MMDadoda  
4/15/2020 9:38:16 AM



#16

Acetone

Concen: 294.595 ug/l

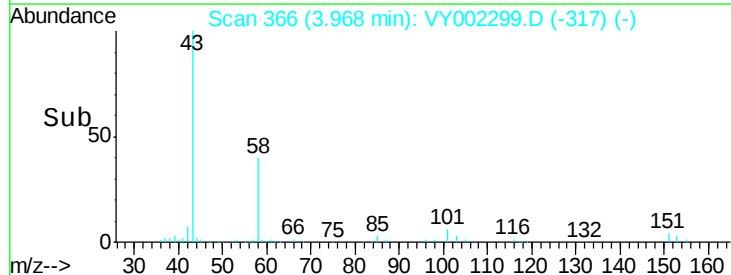
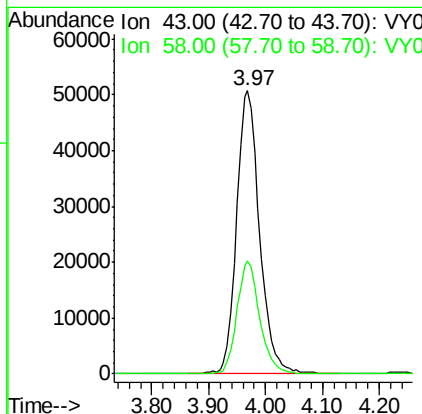
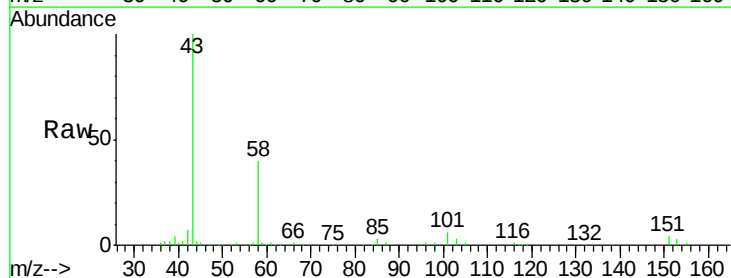
RT: 3.97 min Scan# 366

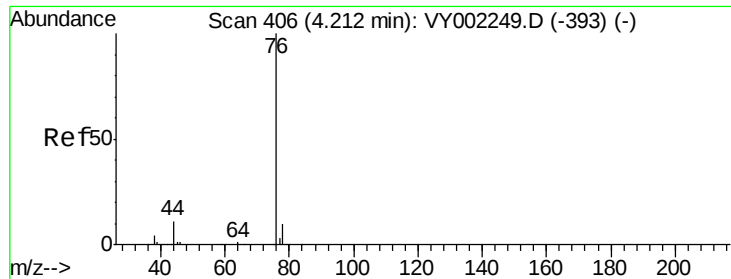
Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 143420 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 40.0  | 28.5  | 42.7   |





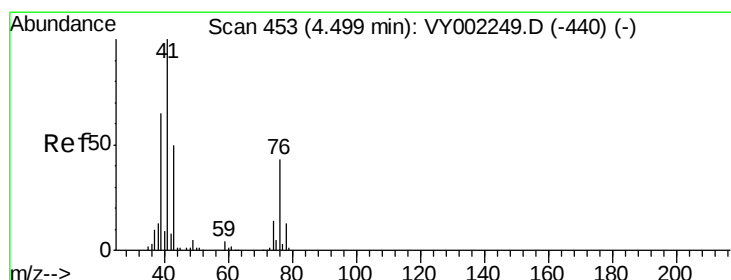
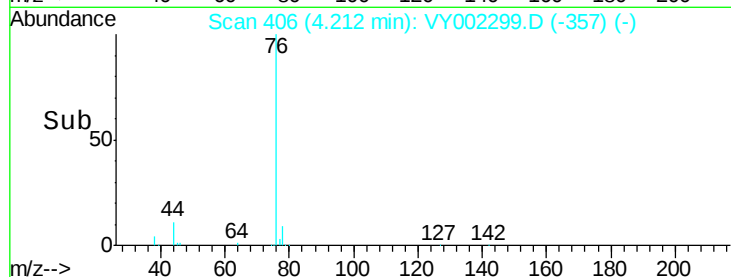
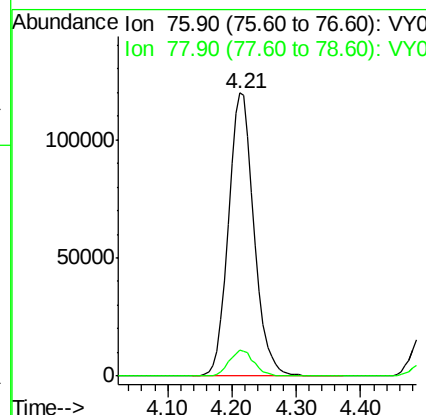
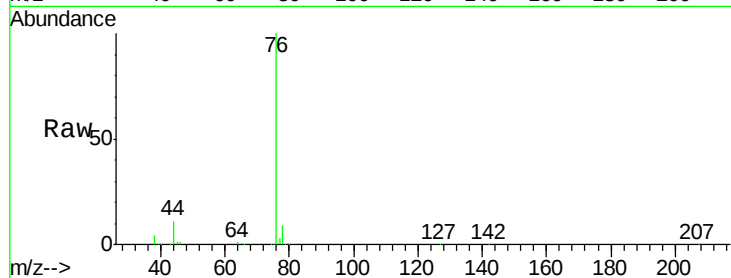
#17  
Carbon Disulfide  
Concen: 50.159 ug/l  
RT: 4.21 min Scan# 406  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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

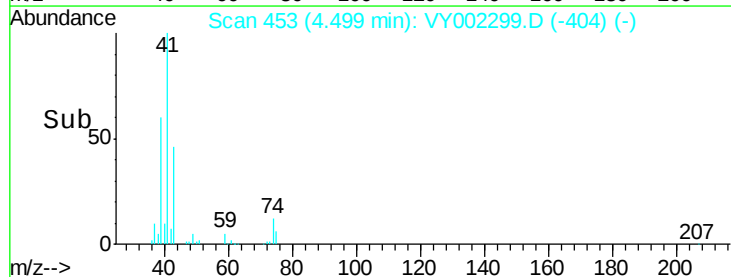
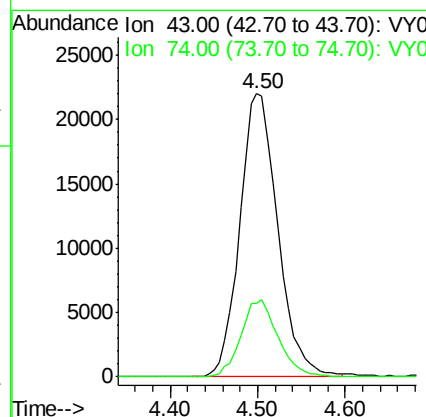
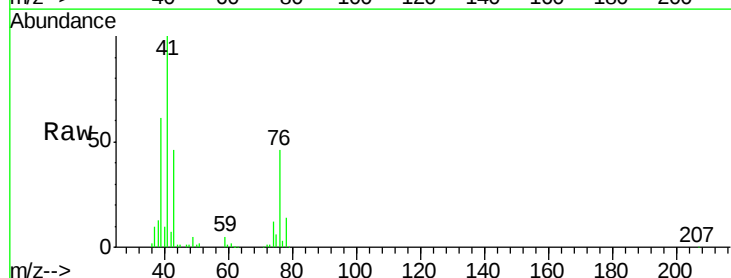
Manual Integrations  
APPROVED

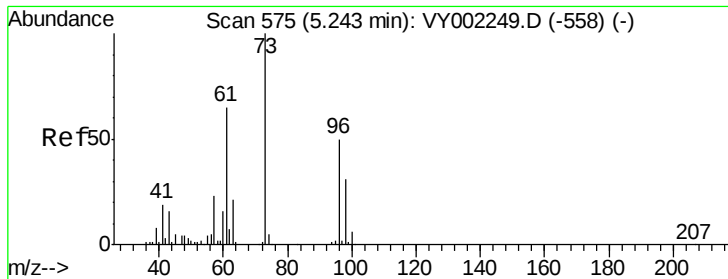
MMDadoda  
4/15/2020 9:38:16 AM



#18  
Methyl Acetate  
Concen: 43.968 ug/l  
RT: 4.50 min Scan# 453  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 26.5  | 20.3  | 30.5  |





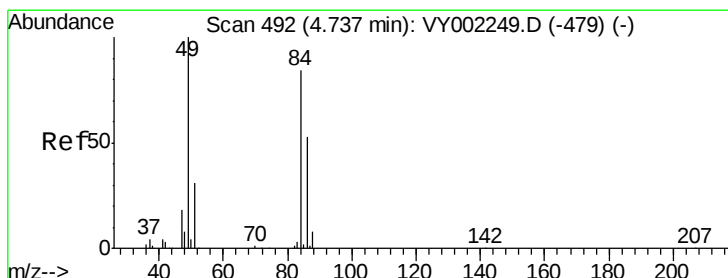
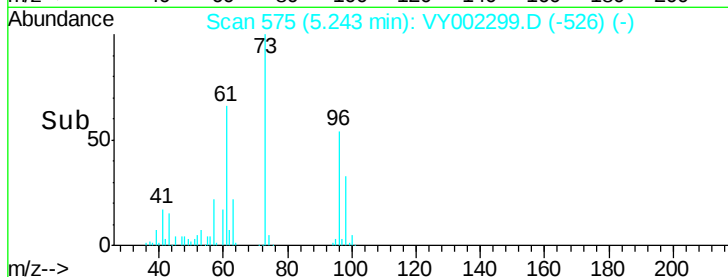
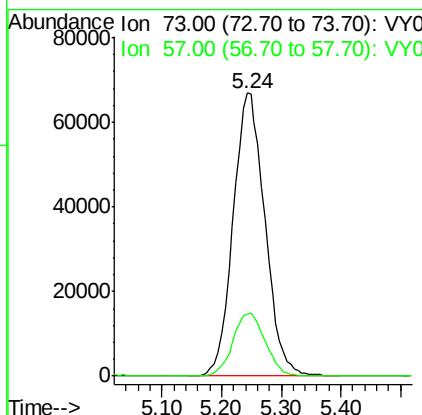
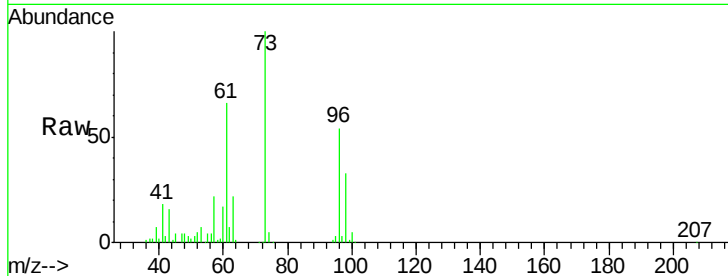
#19  
Methyl tert-butyl Ether  
Concen: 46.963 ug/l  
RT: 5.24 min Scan# 575  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 247792  
Ion Ratio Lower Upper  
73 100  
57 22.0 18.7 28.1

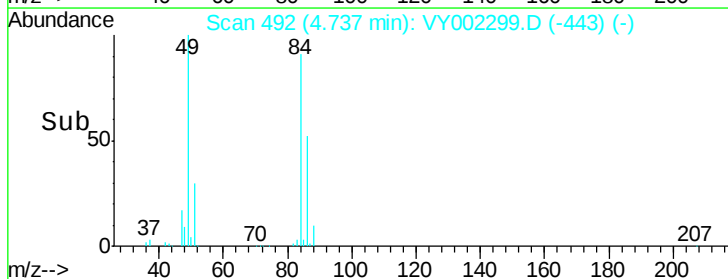
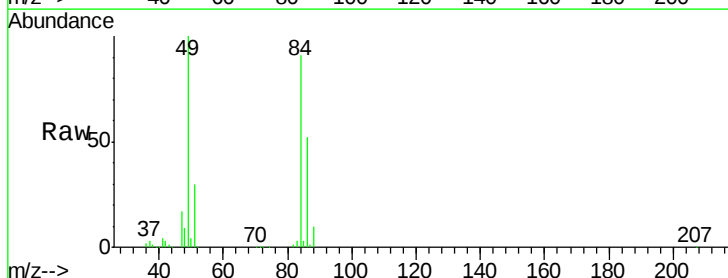
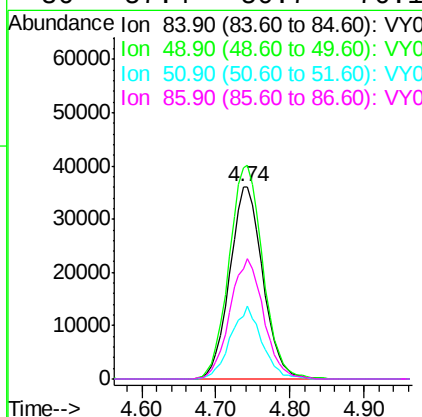
Manual Integrations  
APPROVED

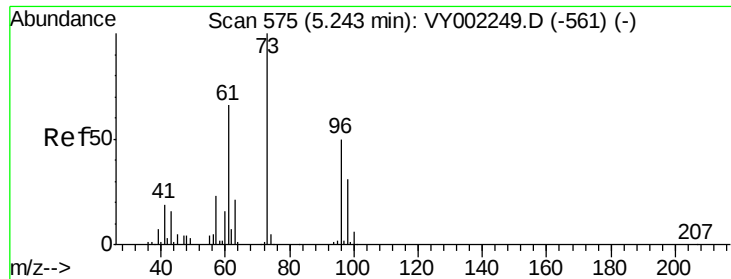
MMDadoda  
4/15/2020 9:38:16 AM



#20  
Methylene Chloride  
Concen: 47.065 ug/l  
RT: 4.74 min Scan# 492  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Tgt Ion: 84 Resp: 112621  
Ion Ratio Lower Upper  
84 100  
49 109.8 95.5 143.3  
51 32.8 29.5 44.3  
86 57.4 50.7 76.1





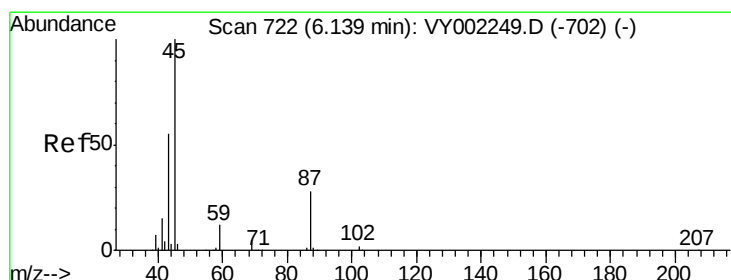
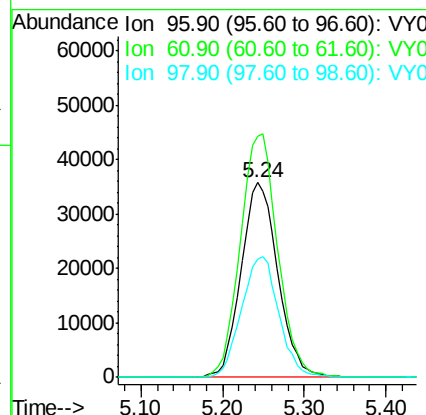
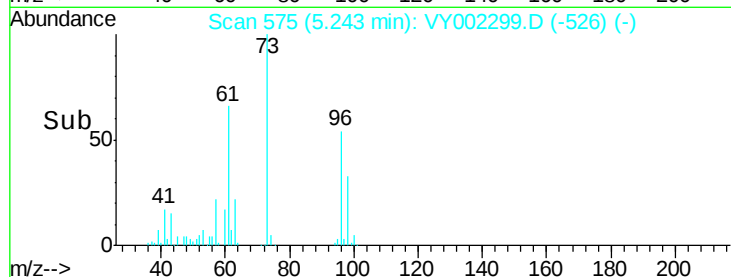
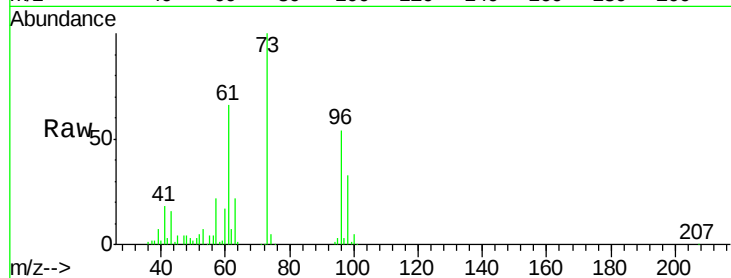
#21  
trans-1,2-Dichloroethene  
Concen: 49.751 ug/l  
RT: 5.24 min Scan# 575  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 123.9 | 104.6 | 157.0 |
| 98      | 61.0  | 50.1  | 75.1  |

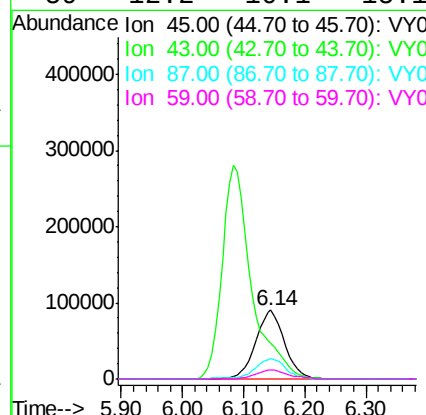
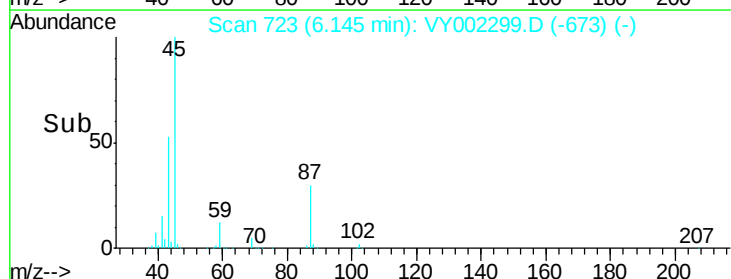
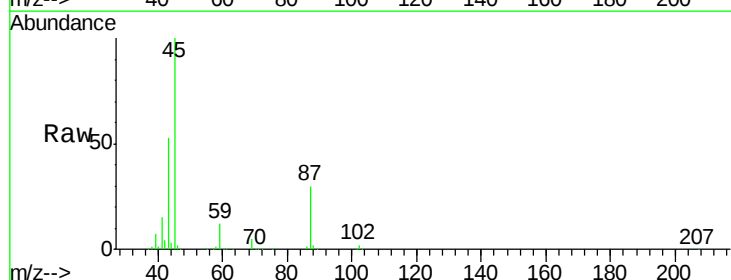
Manual Integrations  
APPROVED

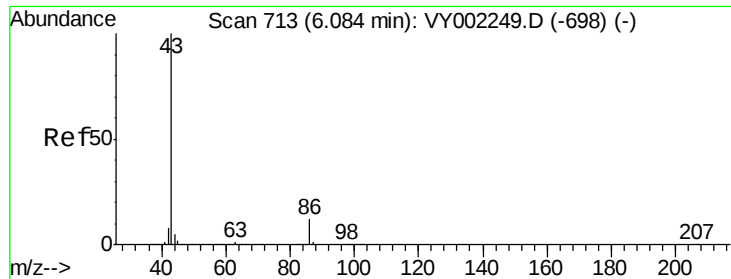
MMDadoda  
4/15/2020 9:38:16 AM



#22  
Diisopropyl ether  
Concen: 45.817 ug/l  
RT: 6.14 min Scan# 723  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 52.3  | 44.7  | 67.1  |
| 87      | 29.8  | 23.0  | 34.4  |
| 59      | 12.2  | 10.1  | 15.1  |





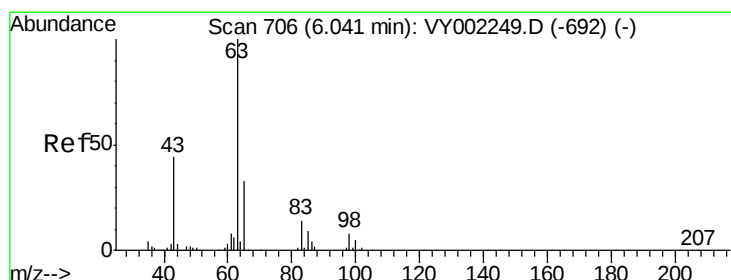
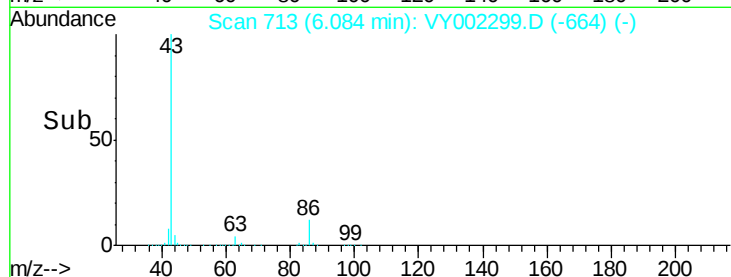
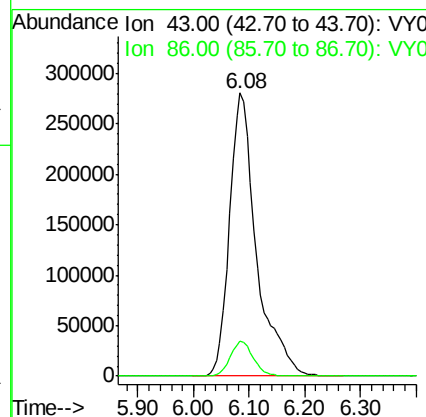
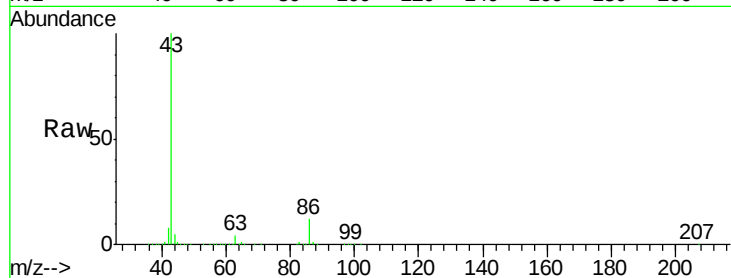
#23  
 Vinyl Acetate  
 Concen: 226.220 ug/l  
 RT: 6.08 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 940248 |       |       |
| 86      | 12.4  |        | 9.2   | 13.8  |

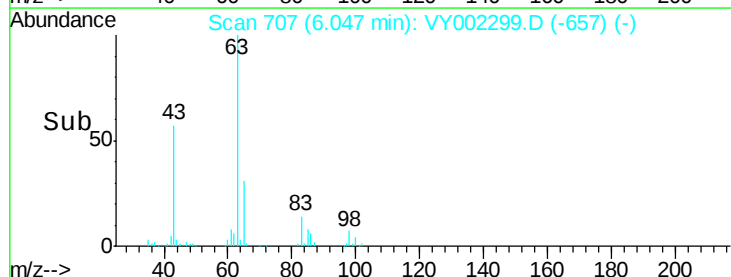
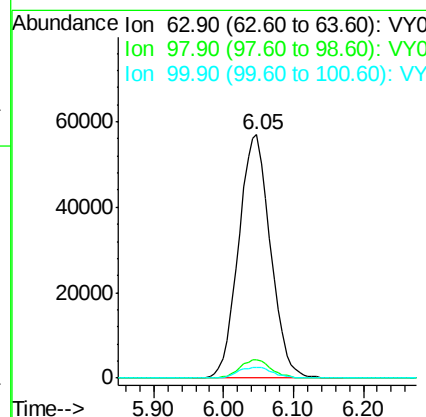
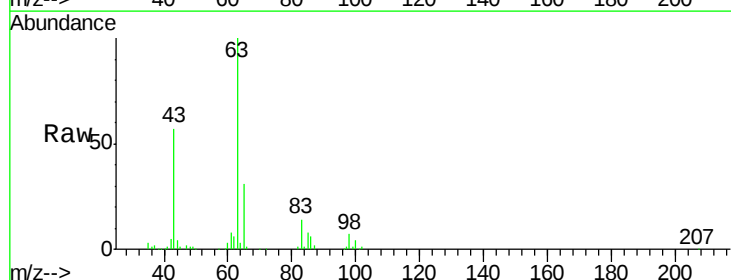
Manual Integrations  
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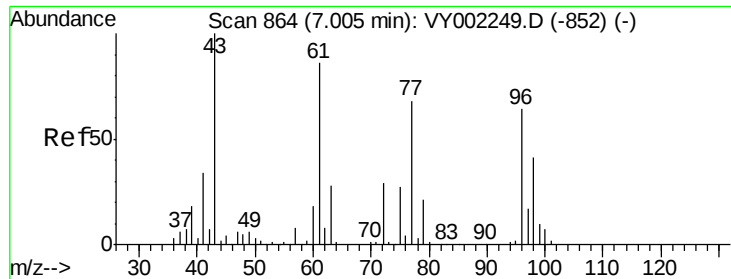
MMDadoda  
 4/15/2020 9:38:16 AM



#24  
 1,1-Dichloroethane  
 Concen: 48.473 ug/l  
 RT: 6.05 min Scan# 707  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 179825 |       |       |
| 98      | 7.4   |        | 4.0   | 12.0  |
| 100     | 4.3   |        | 2.4   | 7.1   |





#25

2-Butanone

Concen: 242.562 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 186881

Ion Ratio Lower Upper

43 100

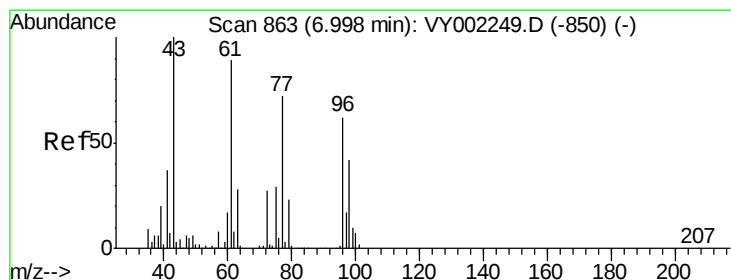
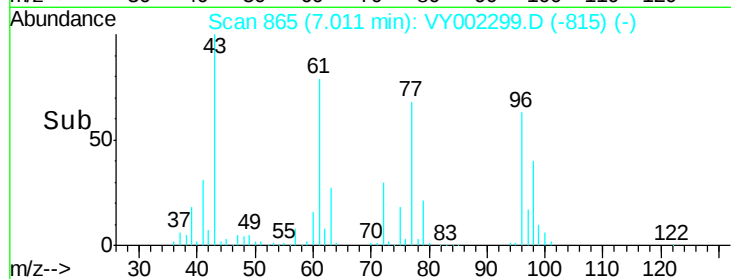
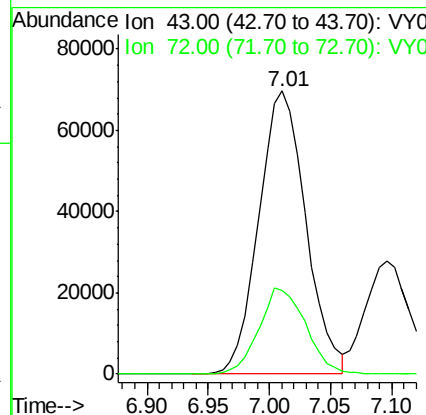
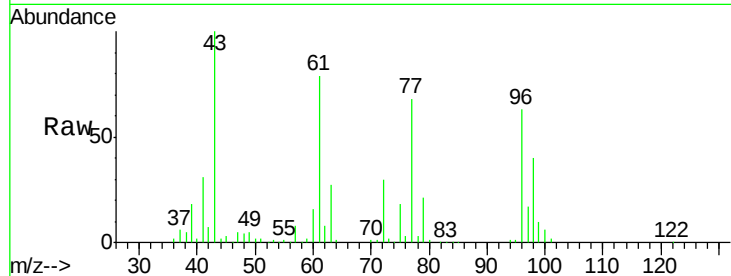
72 29.6 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 47.463 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002299.D

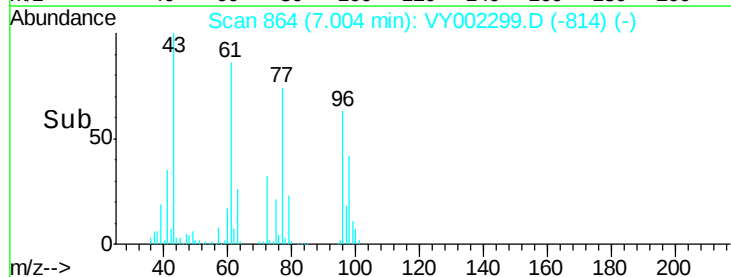
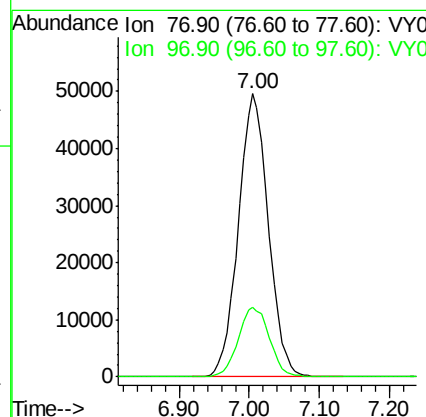
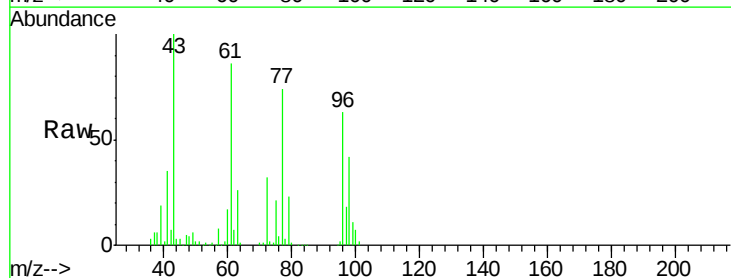
Acq: 14 Apr 2020 11:21

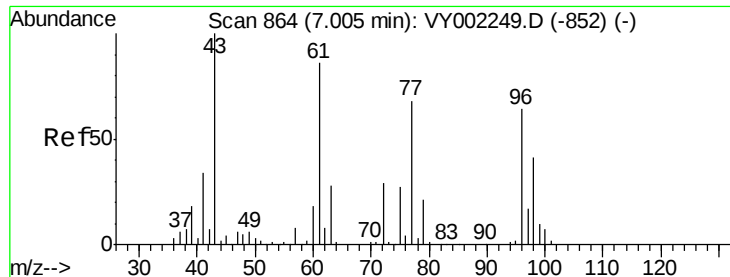
Tgt Ion: 77 Resp: 147291

Ion Ratio Lower Upper

77 100

97 25.4 12.2 36.6





#27

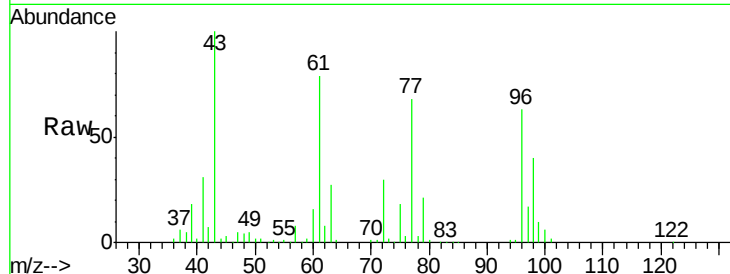
cis-1,2-Dichloroethene  
Concen: 48.842 ug/l  
RT: 7.01 min Scan# 865  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

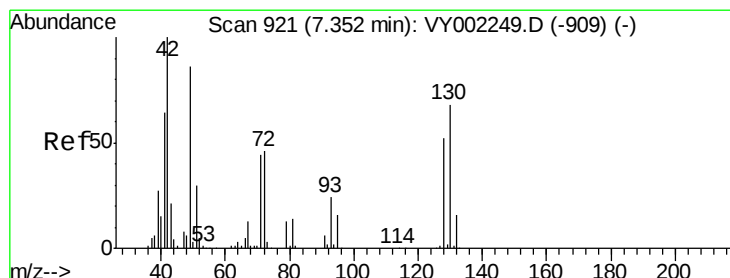
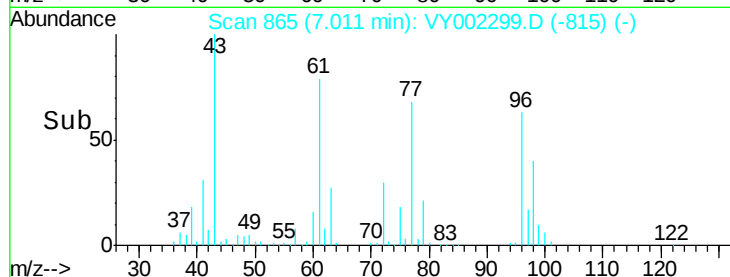
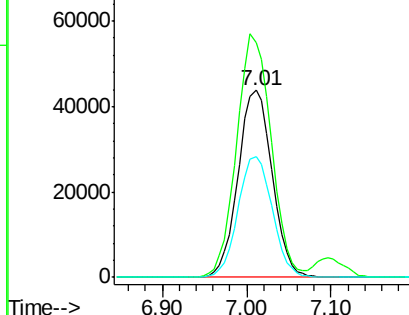
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 131.8 | 0.0  | 278.0 |       |
| 98      | 64.9  | 0.0  | 128.6 |       |

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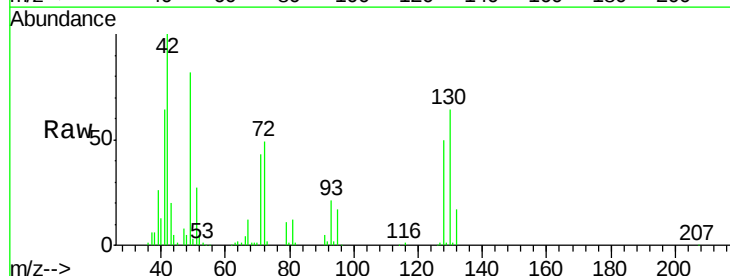
Abundance Ion 95.90 (95.60 to 96.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0



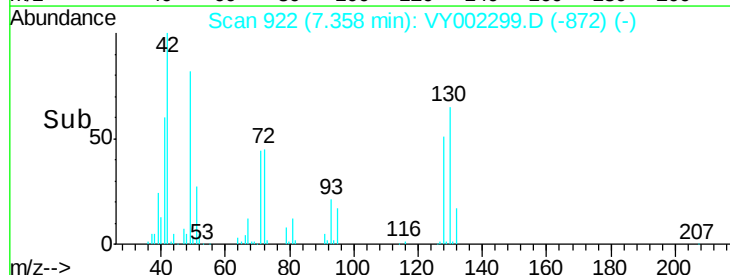
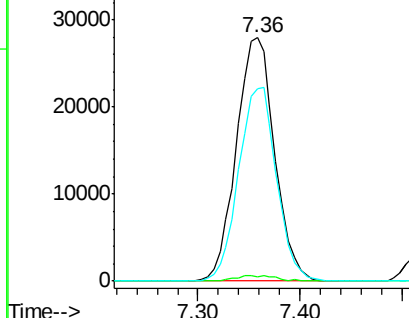
#28

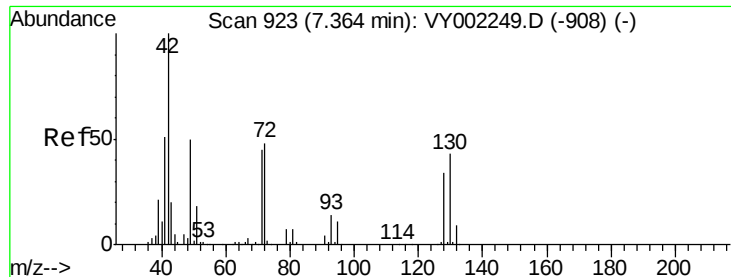
Bromochloromethane  
Concen: 45.451 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.3   | 0.0  | 4.2   |       |
| 130     | 78.9  | 60.9 | 91.3  |       |



Abundance Ion 48.90 (48.60 to 49.60): VY0  
Ion 128.80 (128.50 to 129.50): VY0  
Ion 129.80 (129.50 to 130.50): VY0





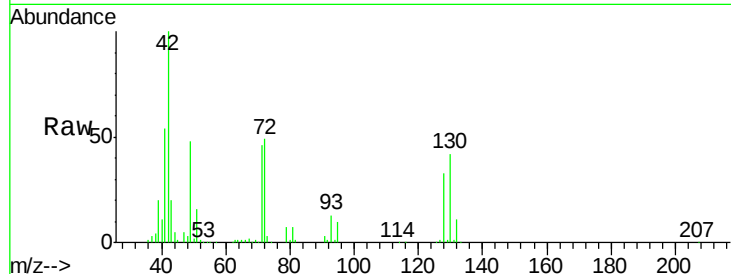
#29  
Tetrahydrofuran  
Concen: 219.077 ug/l  
RT: 7.37 min Scan# 924  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

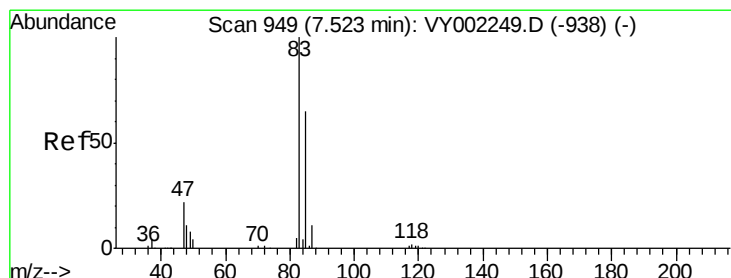
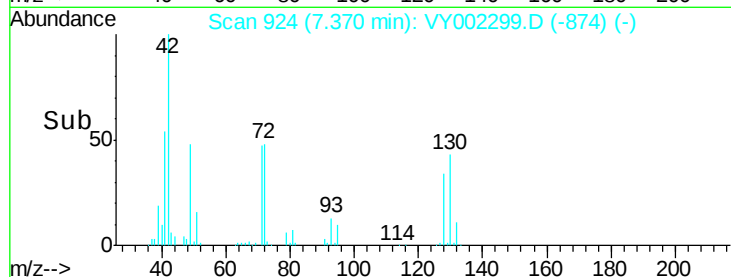
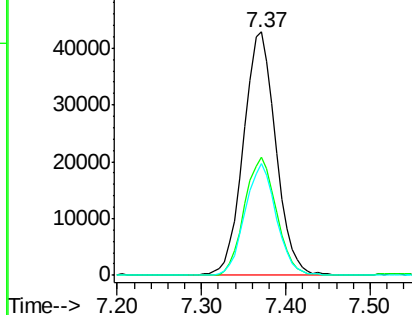
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.1  | 36.7  | 55.1  |
| 71      | 44.2  | 34.7  | 52.1  |

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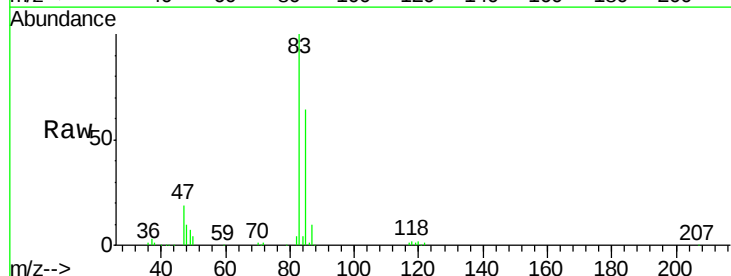


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

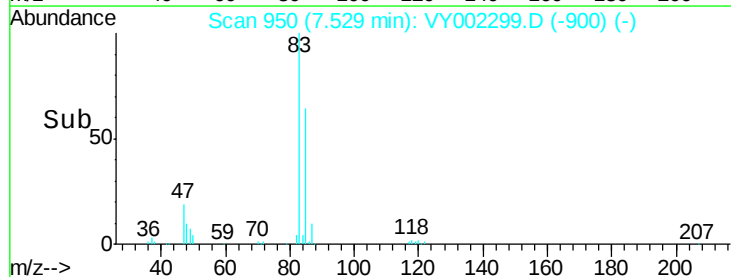
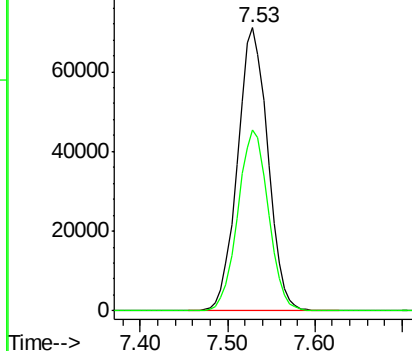


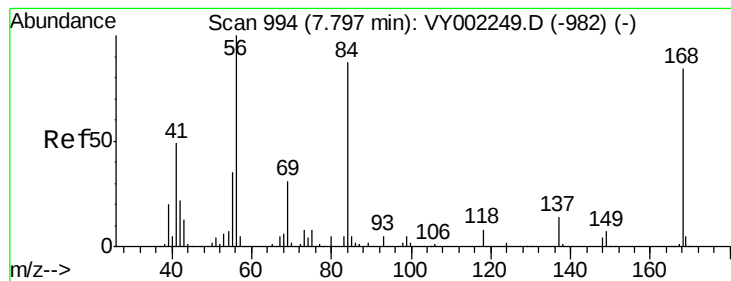
#30  
Chloroform  
Concen: 48.926 ug/l  
RT: 7.53 min Scan# 950  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.8  | 52.0  | 78.0  |



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0





#31

Cvclohexane

Concen: 46.449 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 180875

Ion Ratio Lower Upper

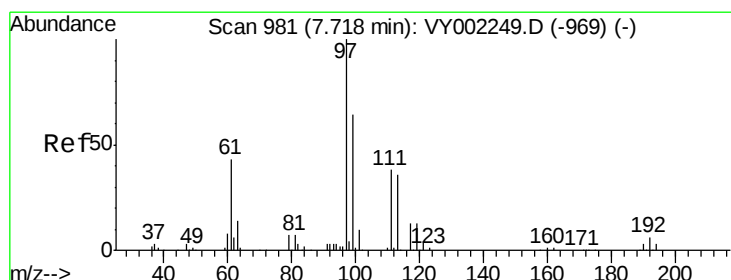
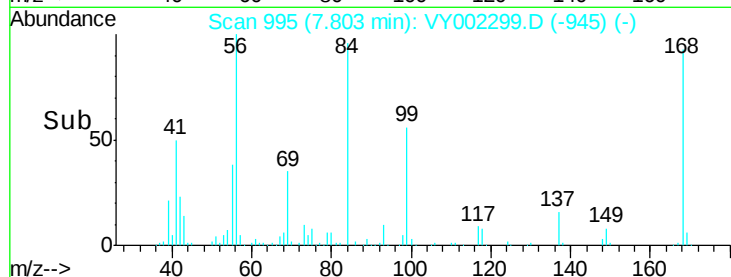
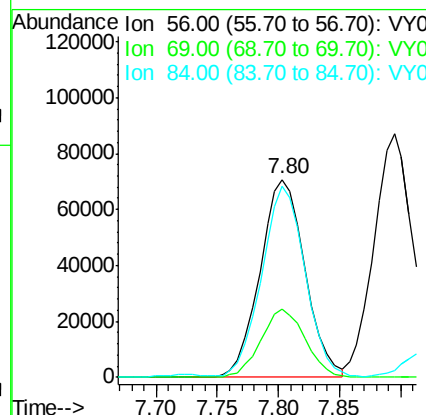
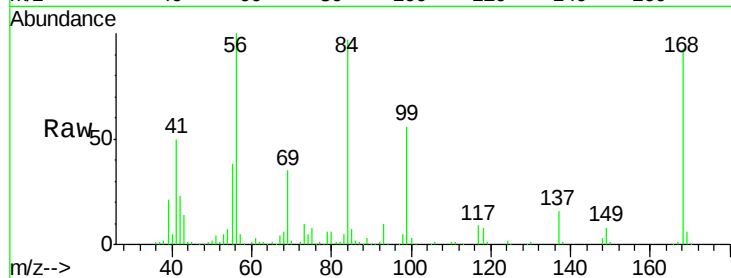
56 100

69 34.9 25.0 37.6

84 95.3 69.7 104.5

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#32

1,1,1-Trichloroethane

Concen: 49.755 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

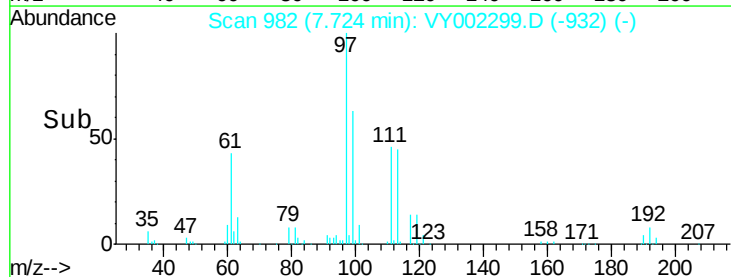
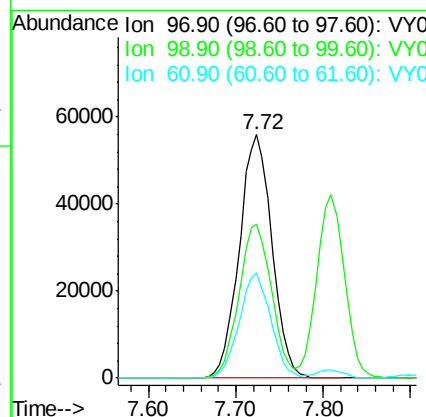
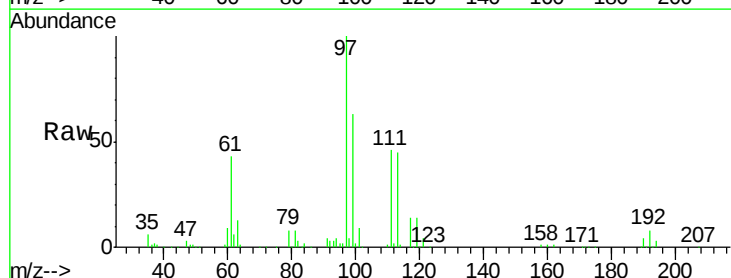
Tgt Ion: 97 Resp: 144820

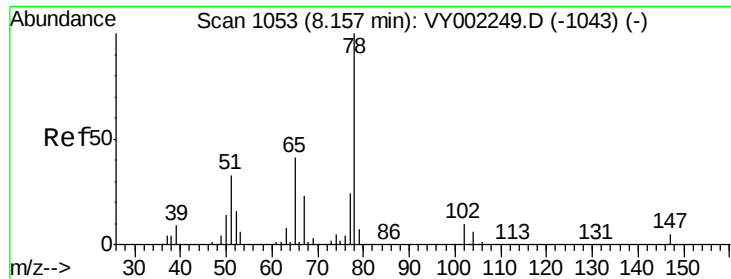
Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 42.0 34.3 51.5





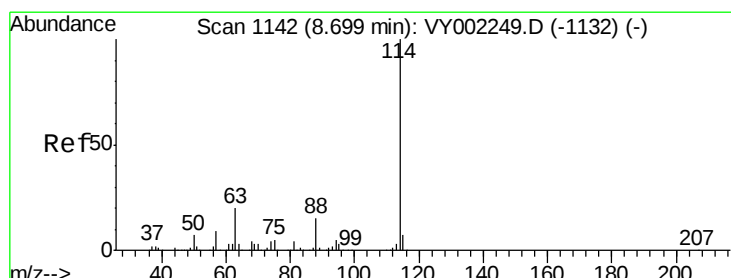
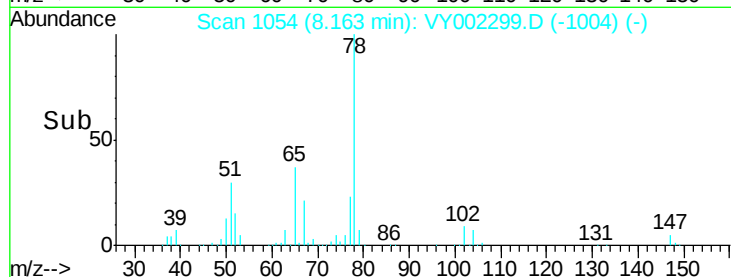
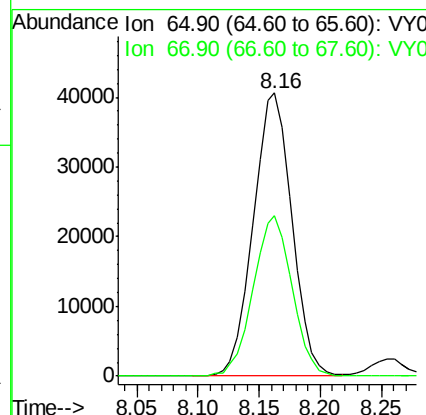
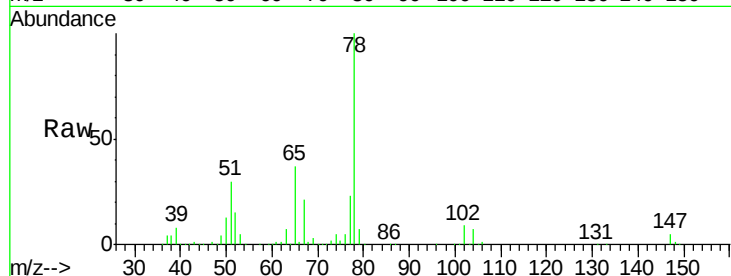
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.299 ug/l  
 RT: 8.16 min Scan# 1054  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 89276 |       |       |
| 67      | 56.9  | 0.0   | 114.0 |       |

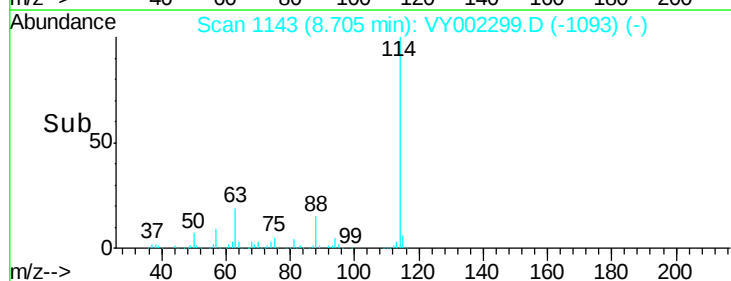
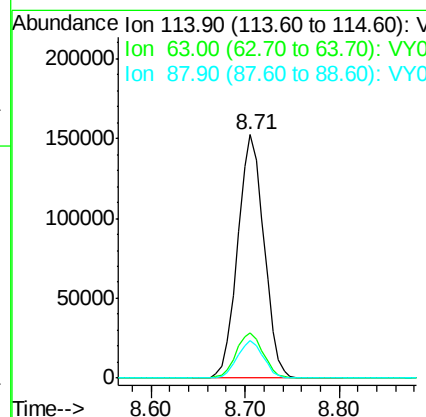
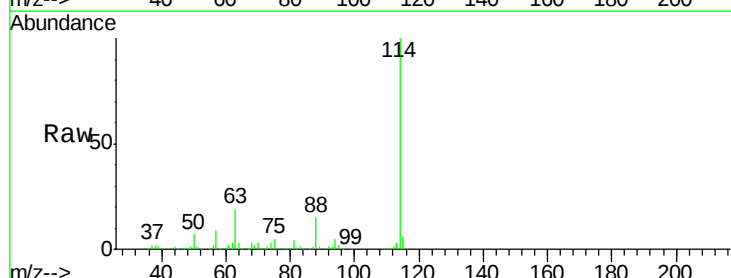
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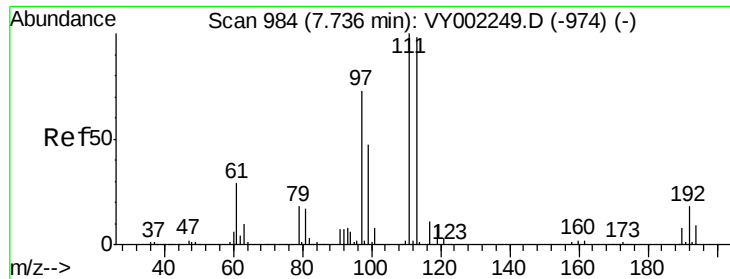
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1143  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 294817 |       |       |
| 63      | 18.5  | 0.0    | 39.0  |       |
| 88      | 15.5  | 0.0    | 31.0  |       |





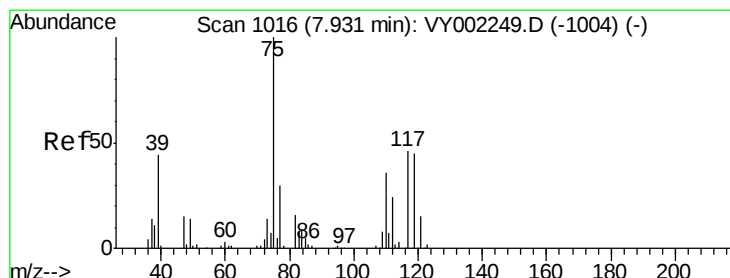
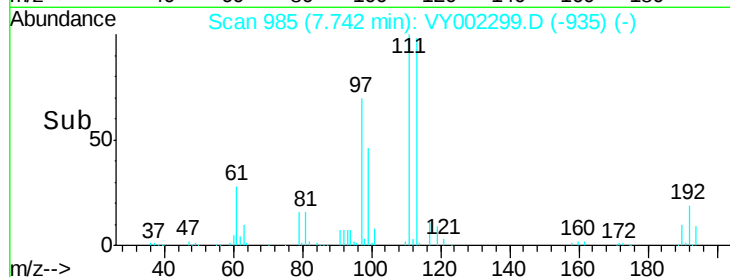
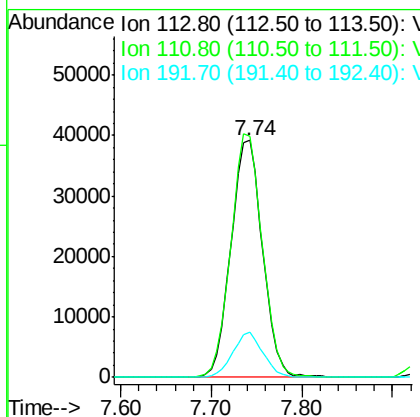
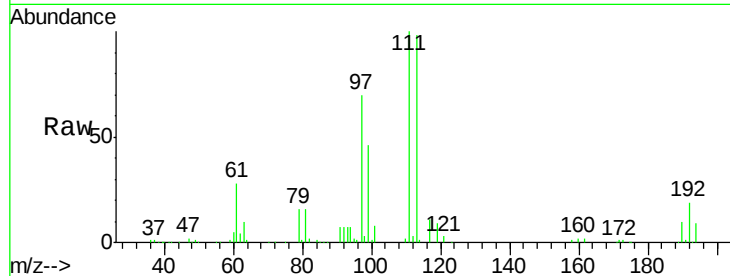
#35  
 Dibromofluoromethane  
 Concen: 53.926 ug/l  
 RT: 7.74 min Scan# 985  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 83.5  | 125.3 |
| 192     | 18.1  | 14.7  | 22.1  |

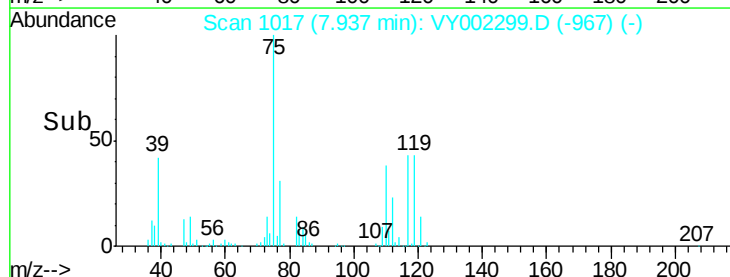
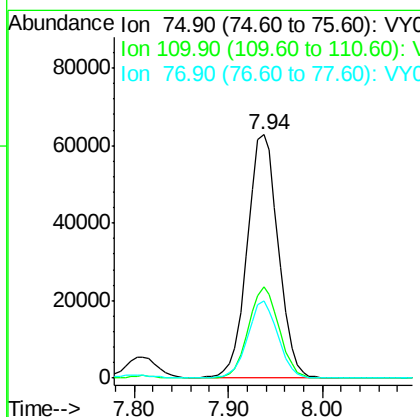
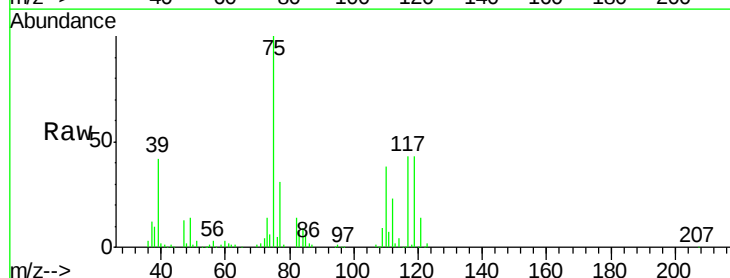
Manual Integrations  
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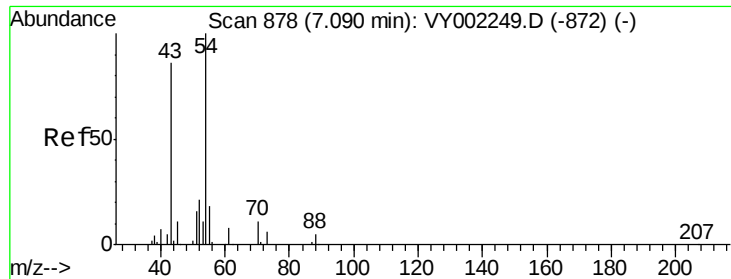
MMDadoda  
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#36  
 1,1-Dichloropropene  
 Concen: 50.249 ug/l  
 RT: 7.94 min Scan# 1017  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.7  | 17.8  | 53.3  |
| 77      | 30.9  | 24.4  | 36.6  |





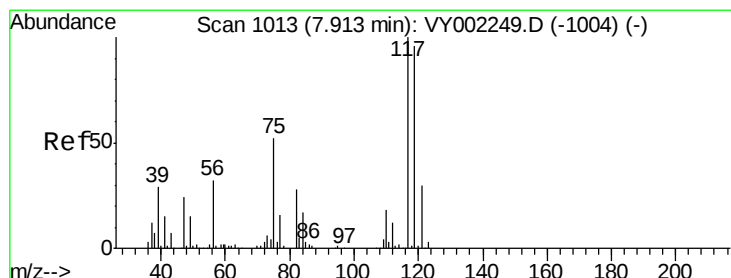
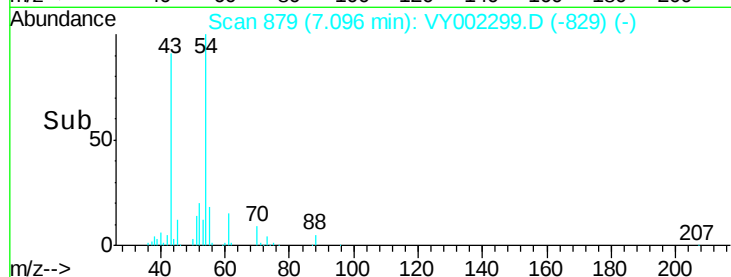
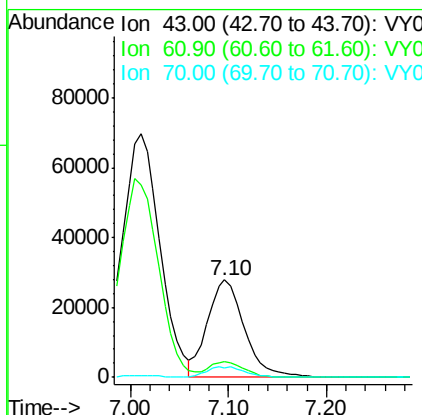
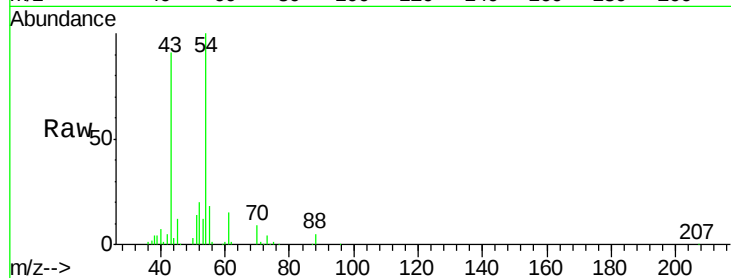
#37  
Ethyl Acetate  
Concen: 43.792 ug/l  
RT: 7.10 min Scan# 879  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.1  | 11.8  | 17.6  |
| 70      | 11.6  | 9.1   | 13.7  |

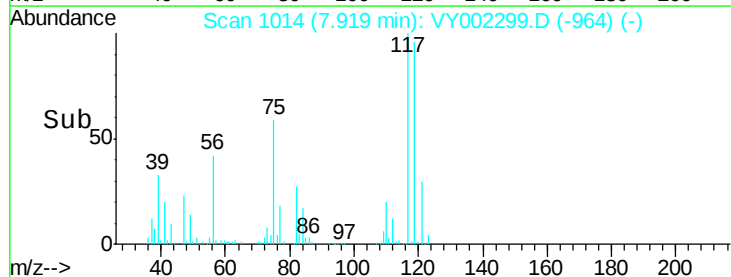
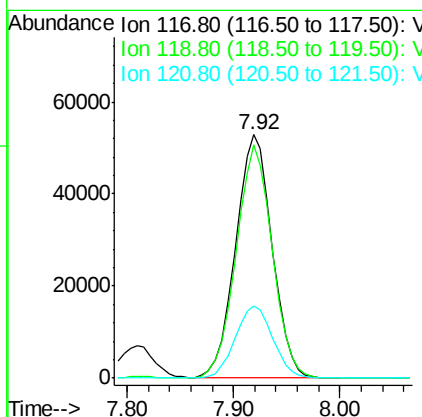
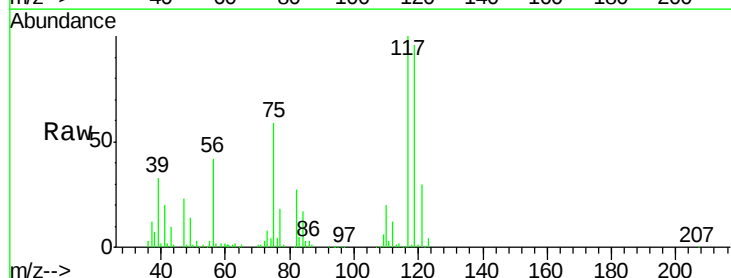
Manual Integrations  
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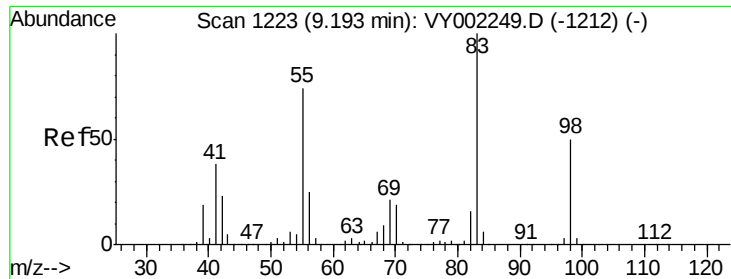
MMDadoda  
4/15/2020 9:38:16 AM



#38  
Carbon Tetrachloride  
Concen: 51.248 ug/l  
RT: 7.92 min Scan# 1014  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.7  | 77.1  | 115.7 |
| 121     | 29.8  | 23.9  | 35.9  |





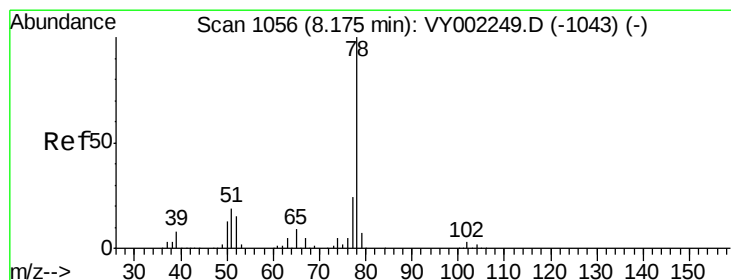
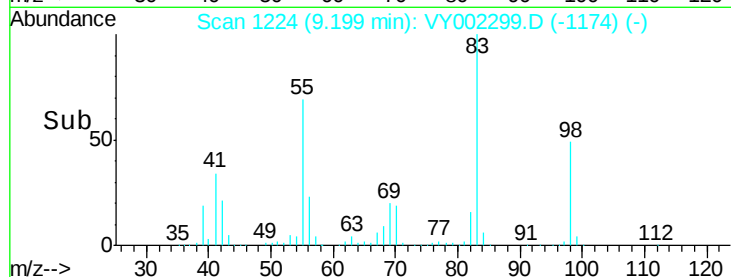
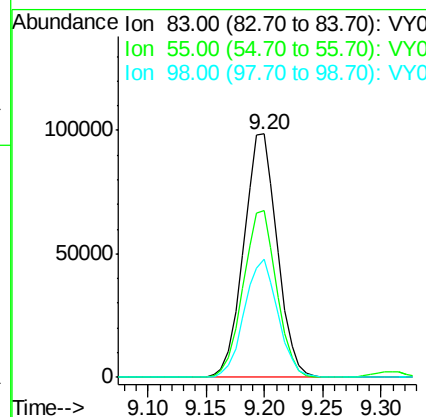
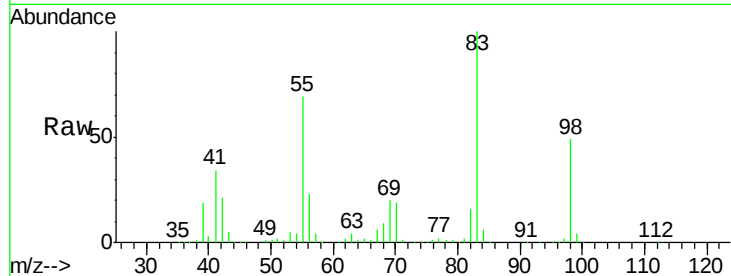
#39  
Methvlcvclohexane  
Concen: 50.126 ug/l  
RT: 9.20 min Scan# 1224  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 198006 |       |       |
| 55      | 68.6  |        | 59.3  | 88.9  |
| 98      | 48.8  |        | 39.6  | 59.4  |

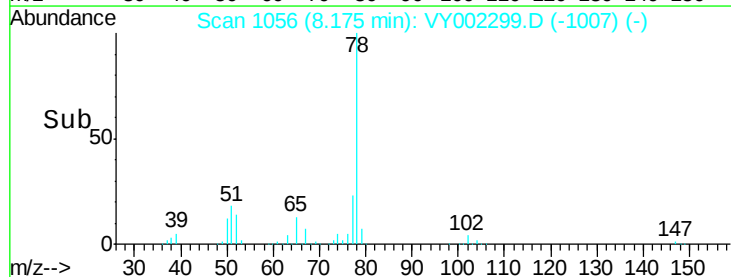
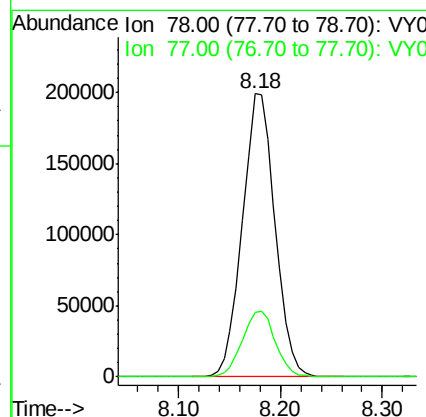
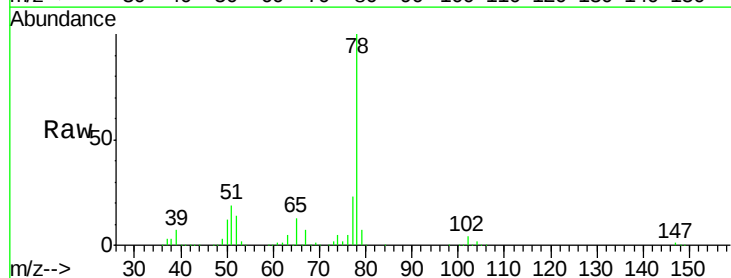
Manual Integrations  
APPROVED

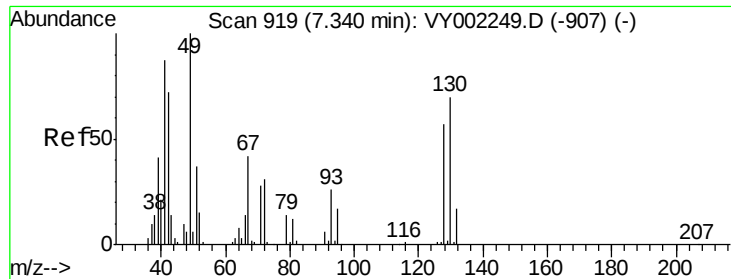
MMDadoda  
4/15/2020 9:38:16 AM



#40  
Benzene  
Concen: 50.071 ug/l  
RT: 8.18 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 441151 |       |       |
| 77      | 22.6  |        | 18.9  | 28.3  |





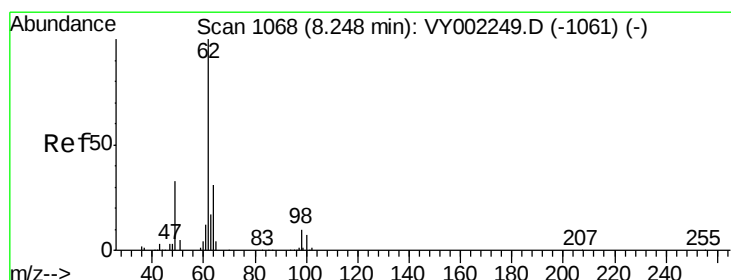
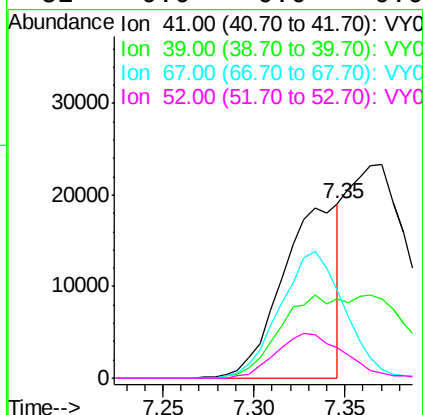
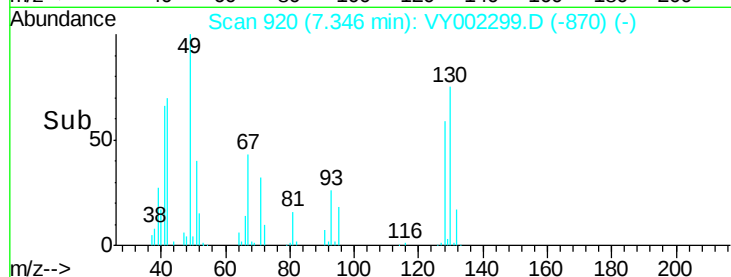
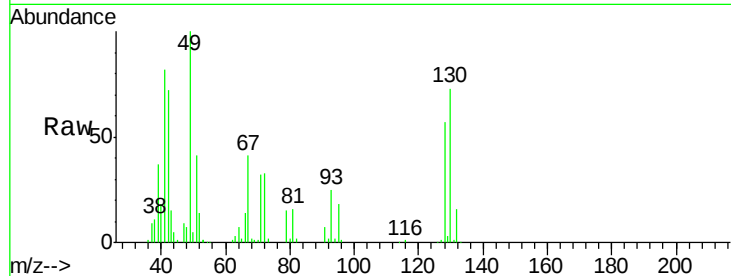
#41  
Methacrylonitrile  
Concen: 42.411 ug/l m  
RT: 7.35 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 41    | Resp  | 41505 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 0.0   | 0.0   | 0.0   |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

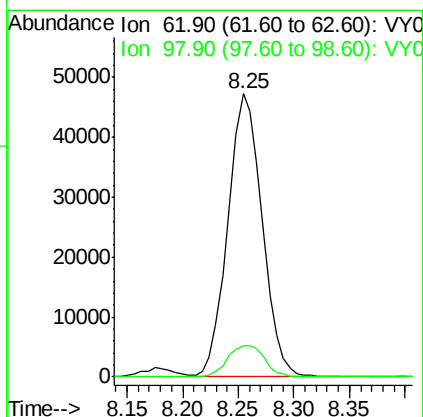
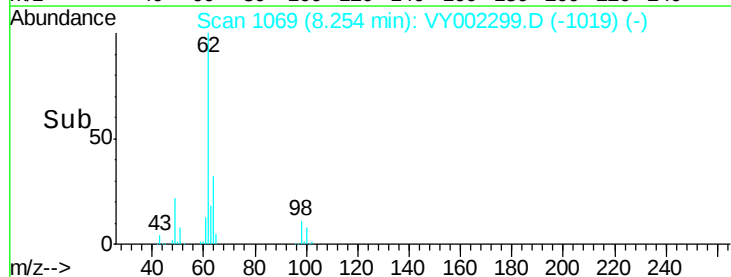
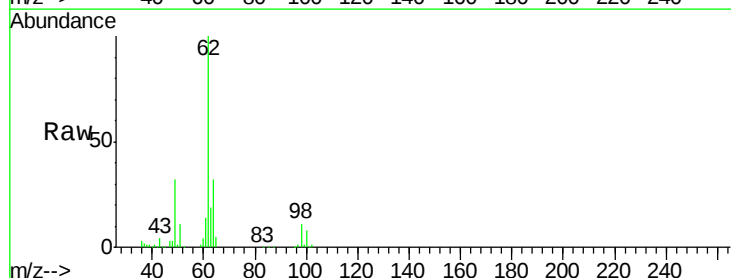
Manual Integrations  
APPROVED

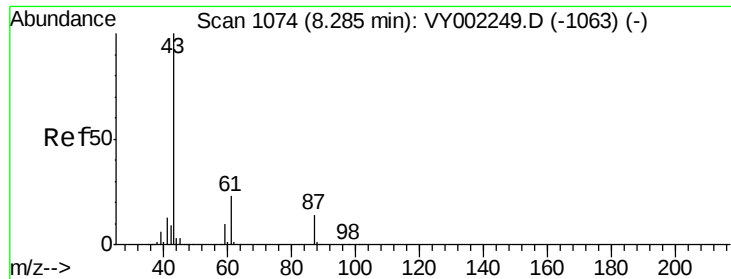
MMDadoda  
4/15/2020 9:38:16 AM



#42  
1,2-Dichloroethane  
Concen: 46.341 ug/l  
RT: 8.25 min Scan# 1069  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | 62    | Resp  | 101139 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 11.9  | 0.0   | 22.6   |





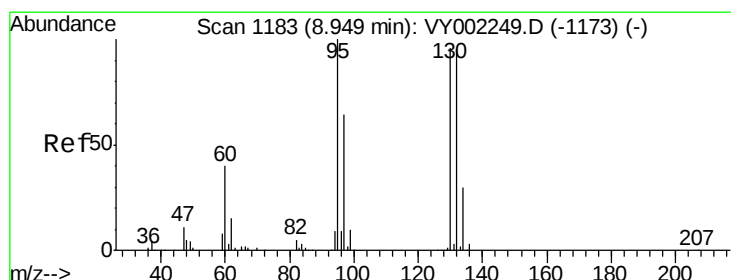
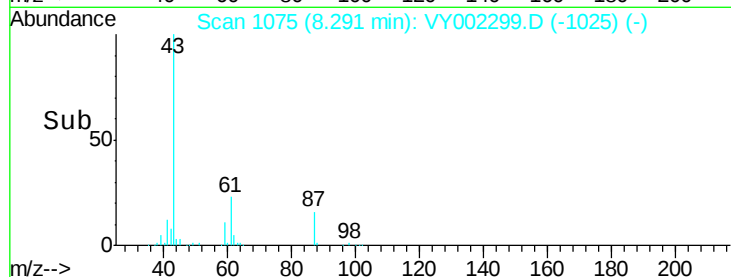
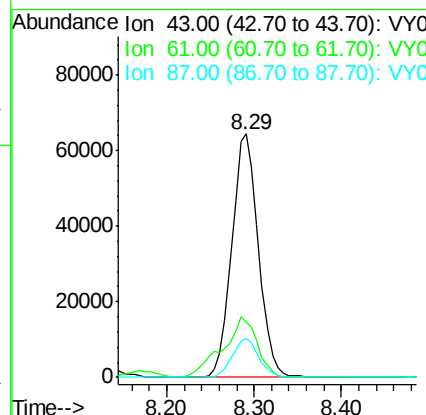
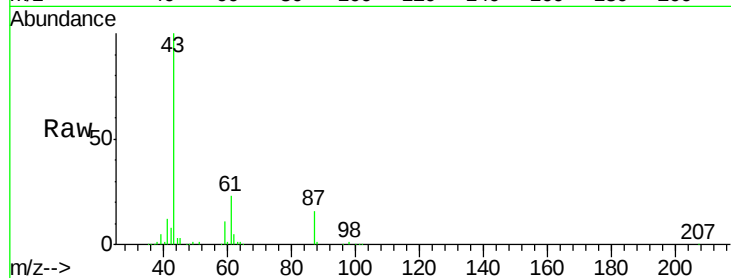
#43  
Isopropyl Acetate  
Concen: 44.833 ug/l  
RT: 8.29 min Scan# 1075  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 32.6  | 24.9  | 37.3  |
| 87      | 15.9  | 11.7  | 17.5  |

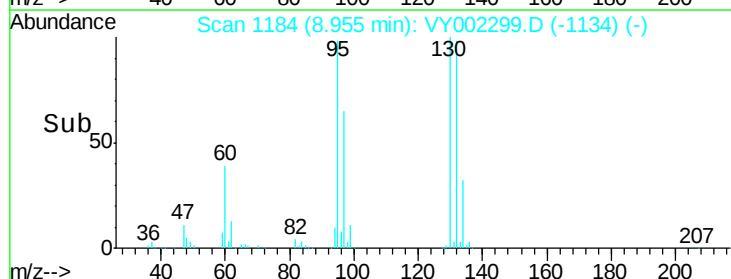
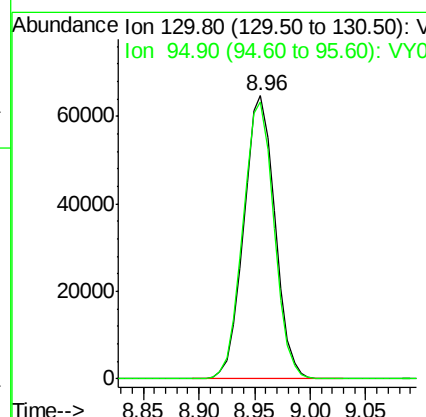
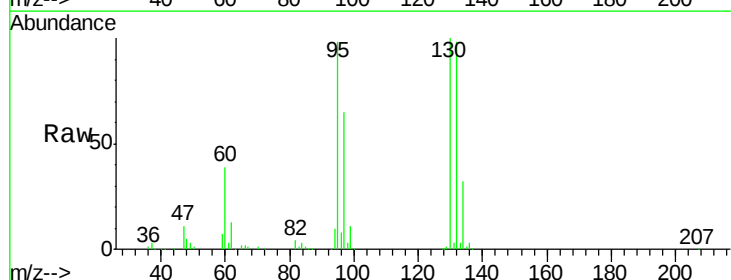
Manual Integrations  
APPROVED

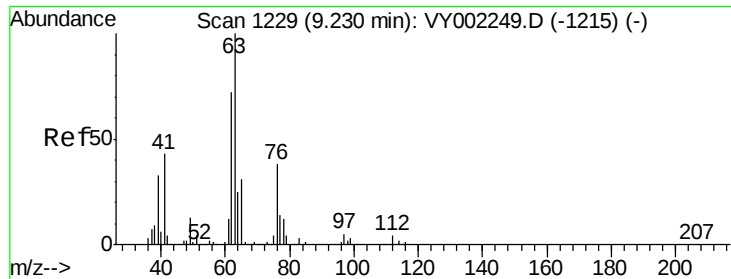
MMDadoda  
4/15/2020 9:38:16 AM



#44  
Trichloroethene  
Concen: 48.373 ug/l  
RT: 8.96 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.8  | 0.0   | 208.2 |





#45

1,2-Dichloropropane

Concen: 49.432 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 108060

Ion Ratio Lower Upper

63 100

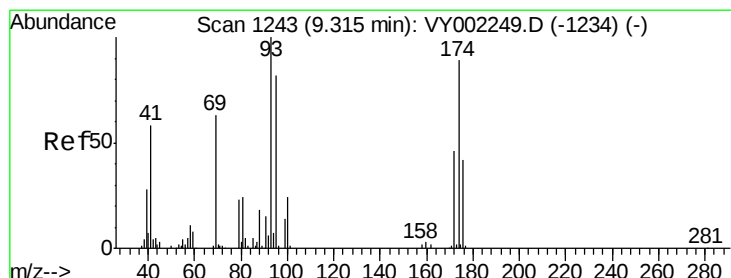
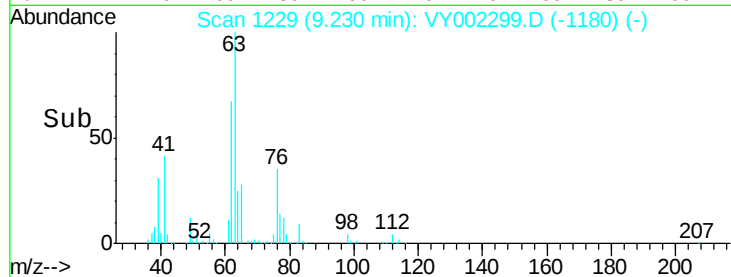
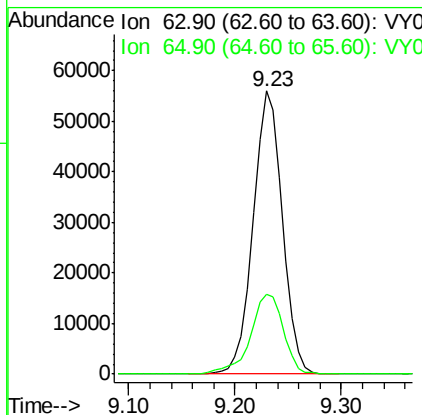
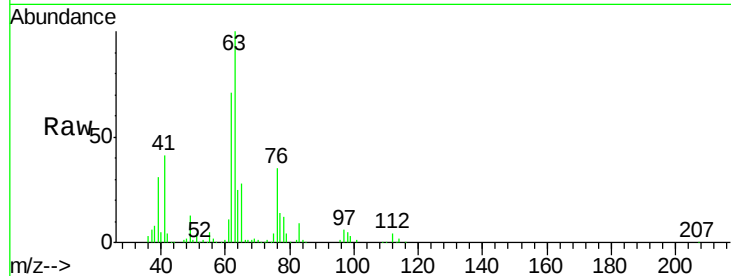
65 28.4 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

4/15/2020 9:38:16 AM



#46

Dibromomethane

Concen: 48.494 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

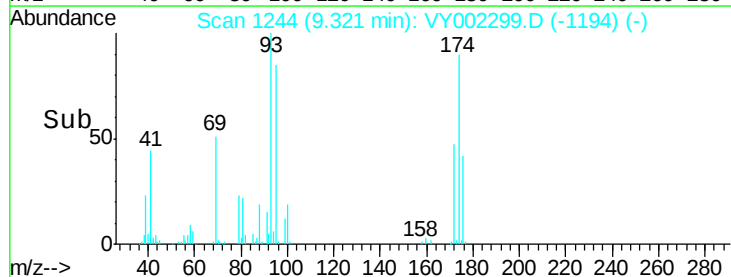
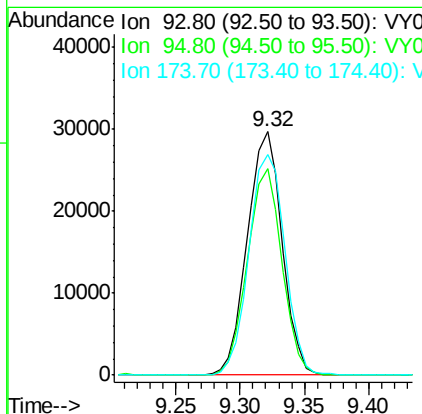
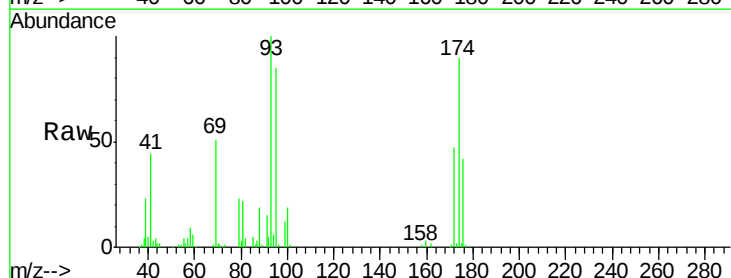
Tgt Ion: 93 Resp: 55428

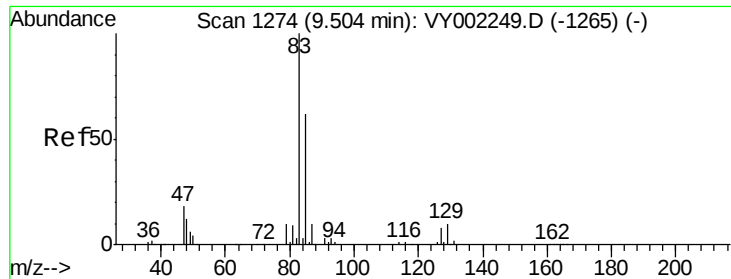
Ion Ratio Lower Upper

93 100

95 84.5 67.3 100.9

174 93.6 72.5 108.7





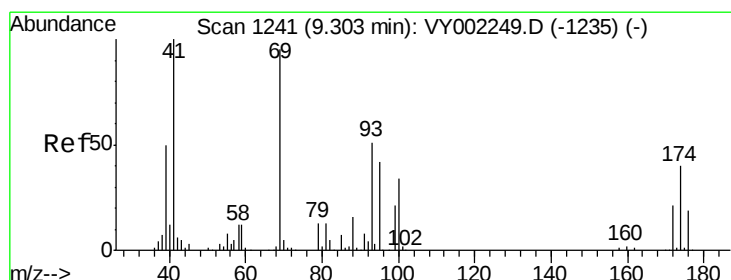
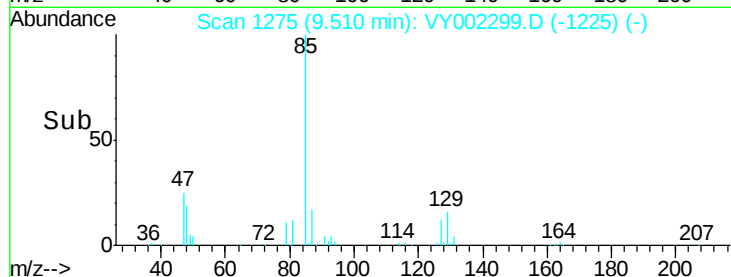
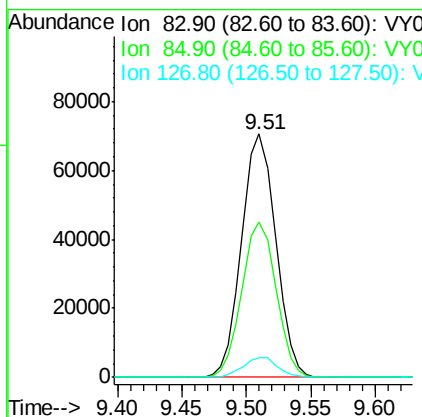
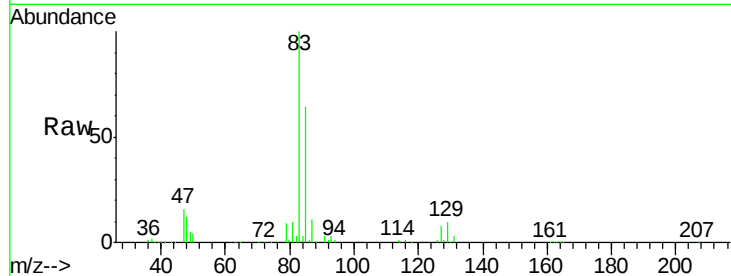
#47  
Bromodichloromethane  
Concen: 49.637 ug/l  
RT: 9.51 min Scan# 1275  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 83   | Resp  | 130179 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 63.8 | 49.7  | 74.5   |
| 127       | 7.9  | 6.2   | 9.4    |

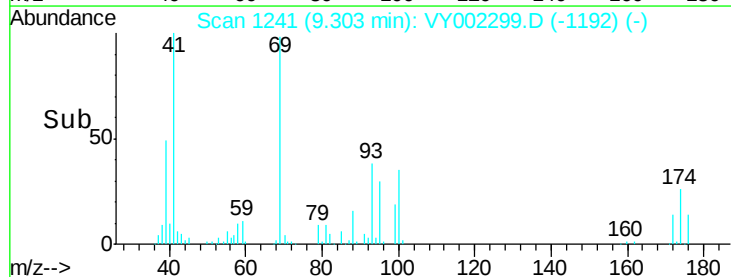
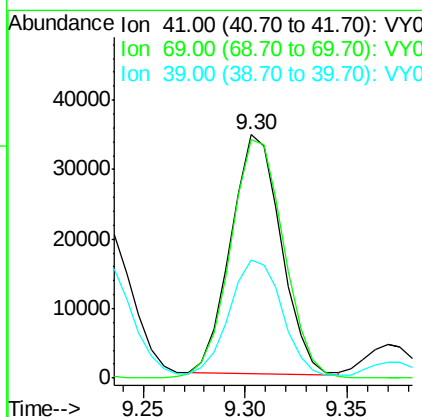
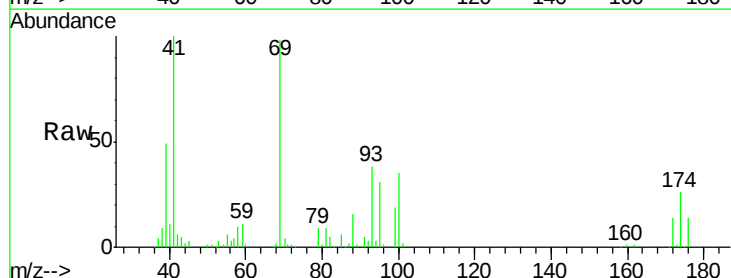
Manual Integrations  
APPROVED

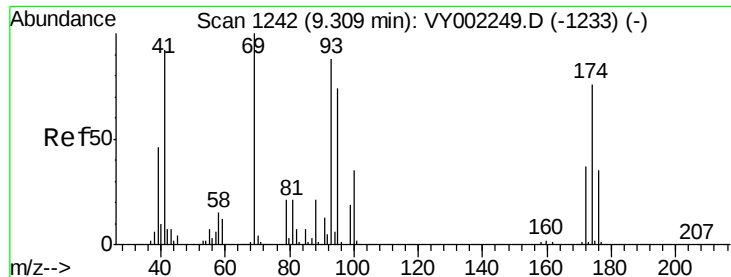
MMDadoda  
4/15/2020 9:38:16 AM



#48  
Methyl methacrylate  
Concen: 43.405 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion   | 41    | Resp  | 58885 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 41        | 100   |       |       |
| 69        | 106.1 | 76.7  | 115.1 |
| 39        | 53.0  | 40.5  | 60.7  |





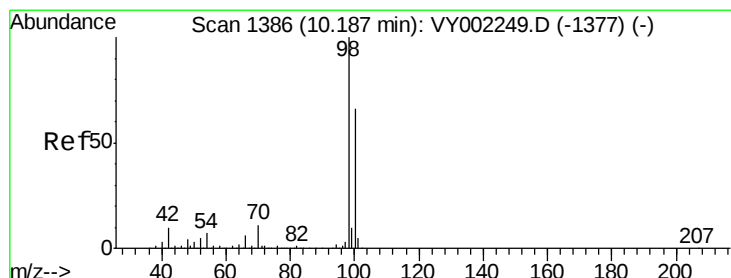
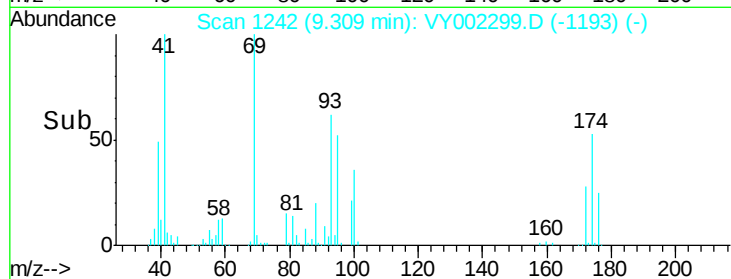
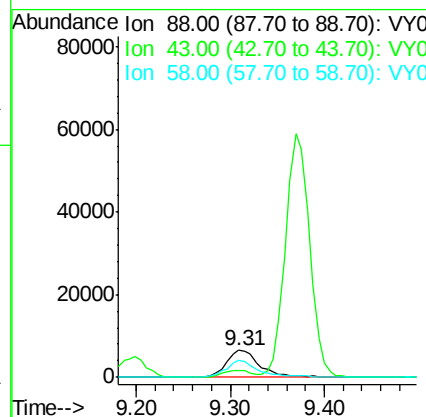
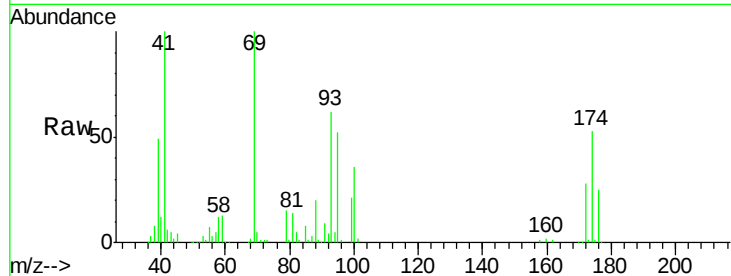
#49  
1,4-Dioxane  
Concen: 1009.765 ug/l  
RT: 9.31 min Scan# 1242  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 25.0  | 22.2  | 33.2  |
| 58      | 62.4  | 57.6  | 86.4  |

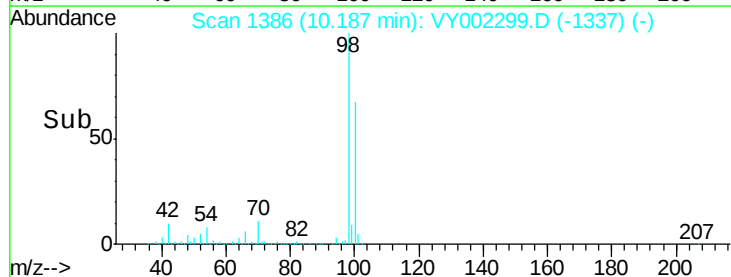
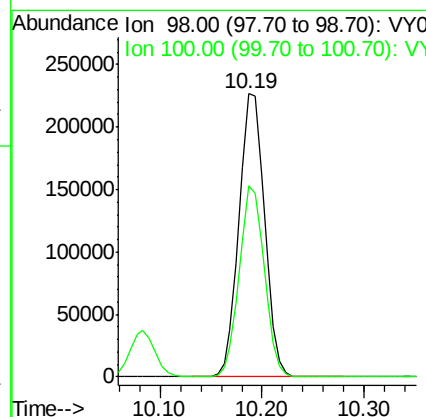
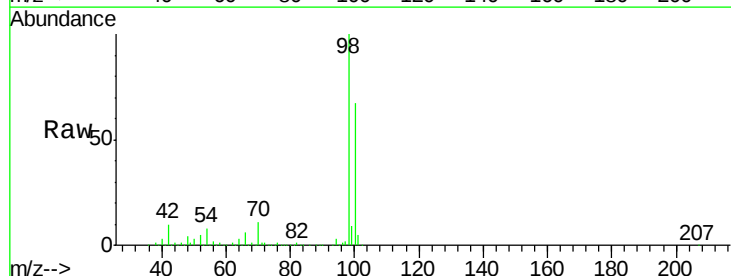
Manual Integrations  
APPROVED

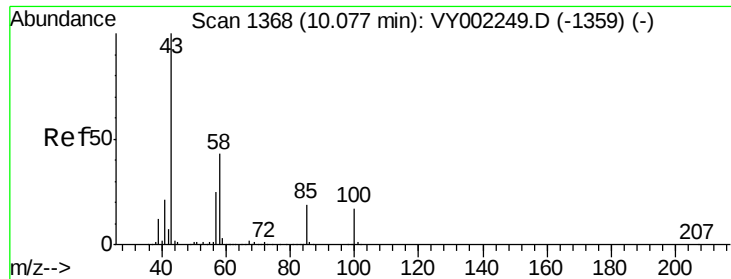
MMDadoda  
4/15/2020 9:38:16 AM



#50  
Toluene-d8  
Concen: 53.407 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.9  | 52.6  | 78.8  |





#51

4-Methyl-2-Pentanone

Concen: 226.818 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 357591

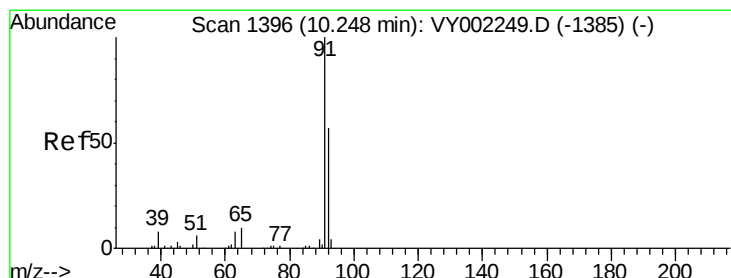
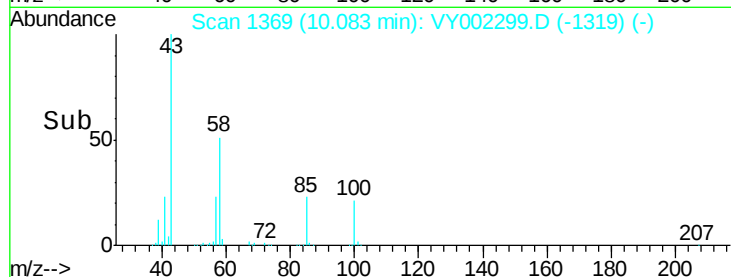
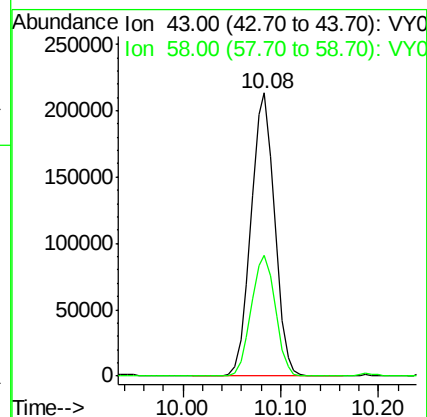
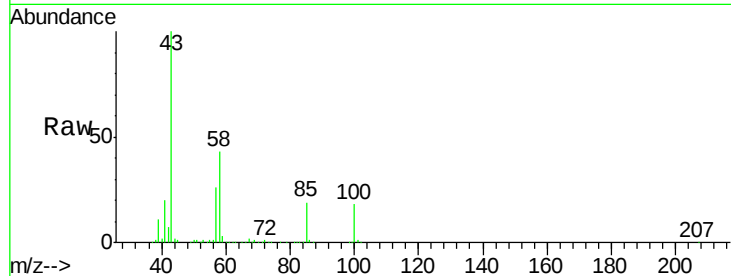
Ion Ratio Lower Upper

43 100

58 43.6 33.8 50.8

Manual Integrations  
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MMDadoda  
4/15/2020 9:38:16 AM



#52

Toluene

Concen: 50.512 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002299.D

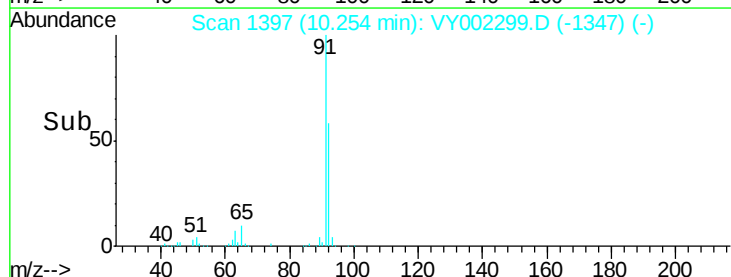
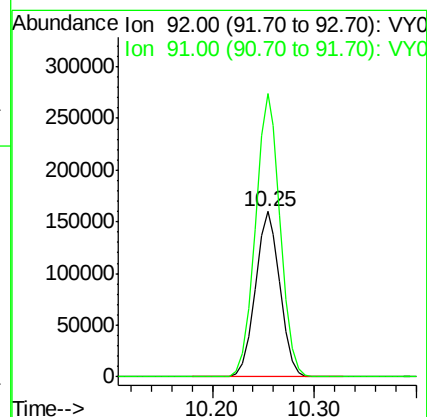
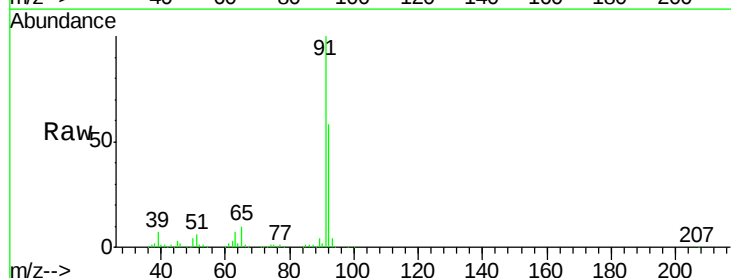
Acq: 14 Apr 2020 11:21

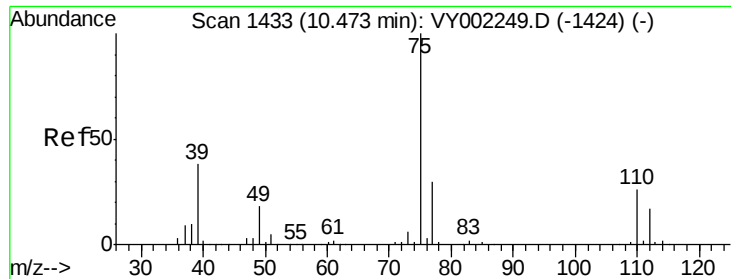
Tgt Ion: 92 Resp: 268202

Ion Ratio Lower Upper

92 100

91 171.5 139.0 208.6





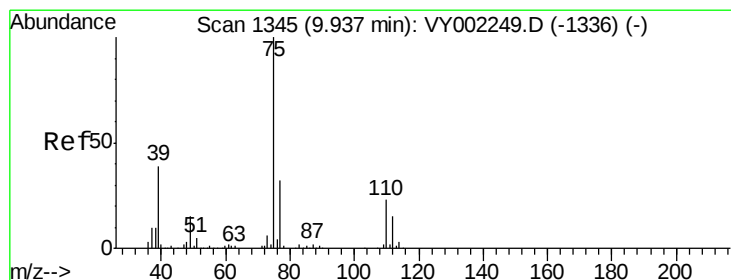
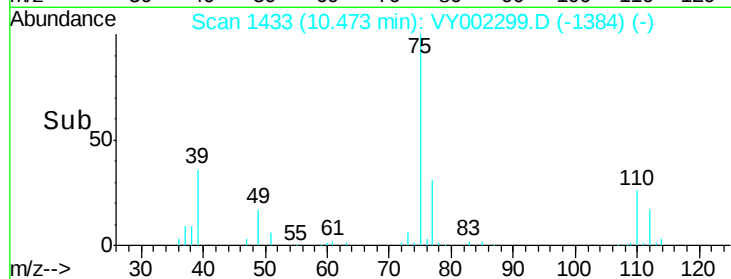
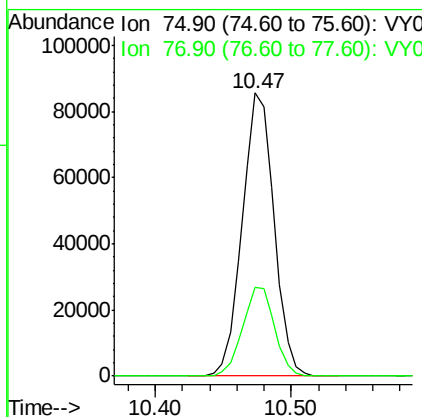
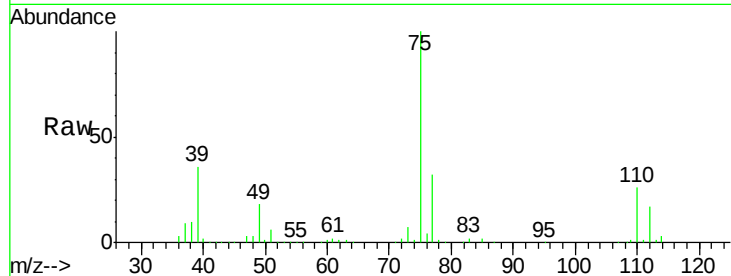
#53  
t-1,3-Dichloropropene  
Concen: 48.930 ug/l  
RT: 10.47 min Scan# 1433  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 24.2  | 36.2  |

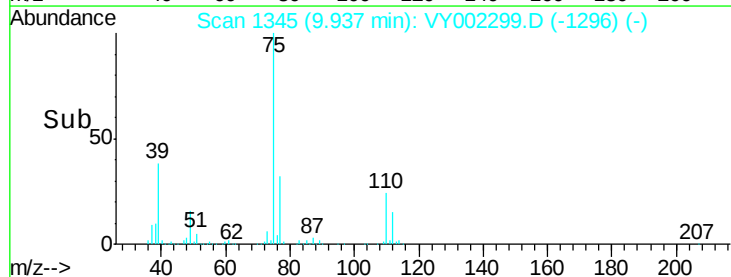
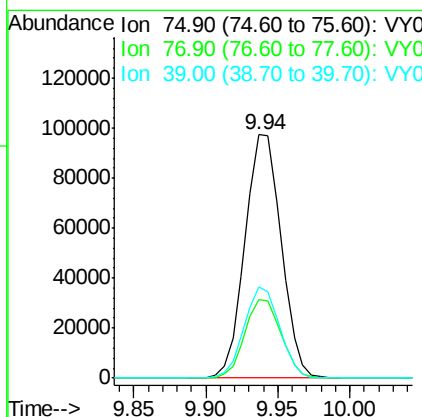
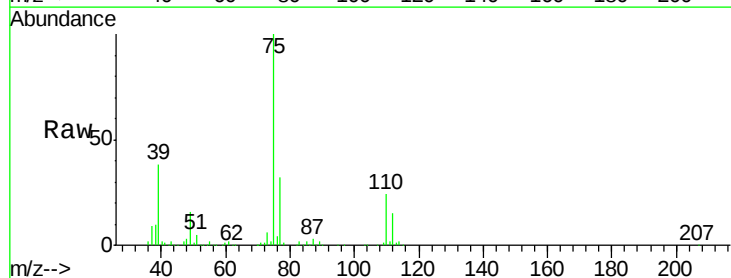
Manual Integrations  
APPROVED

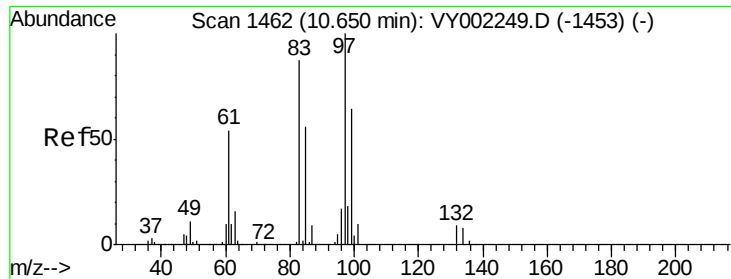
MMDadoda  
4/15/2020 9:38:16 AM



#54  
cis-1,3-Dichloropropene  
Concen: 49.433 ug/l  
RT: 9.94 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.2  | 25.8  | 38.8  |
| 39      | 37.7  | 30.8  | 46.2  |





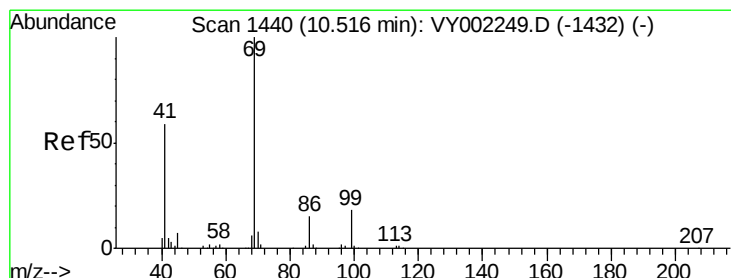
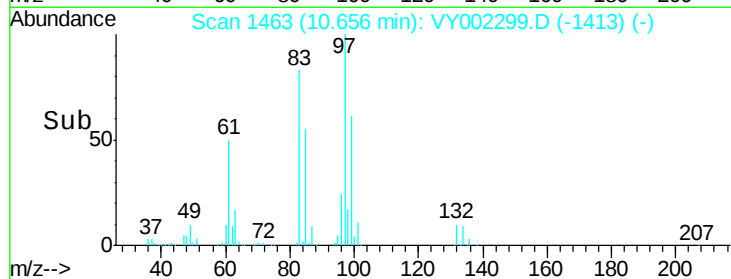
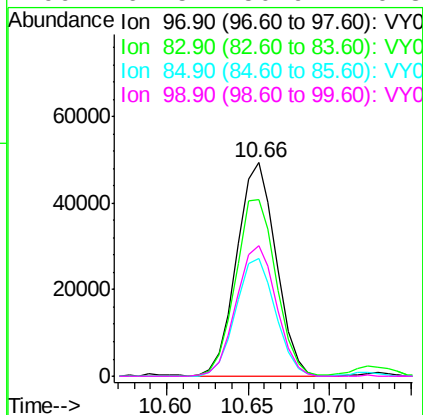
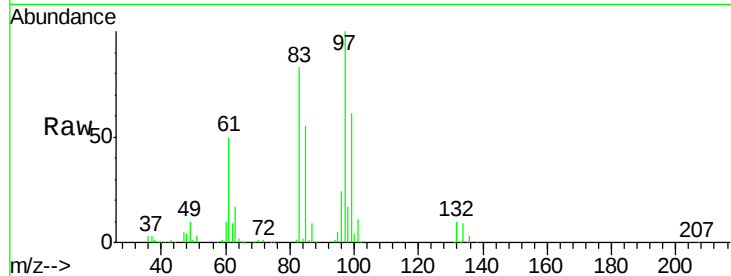
#55  
 1,1,2-Trichloroethane  
 Concen: 49.300 ug/l  
 RT: 10.66 min Scan# 1463  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 82498 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.6  | 69.5  | 104.3 |
| 85       | 55.3  | 45.2  | 67.8  |
| 99       | 61.5  | 50.9  | 76.3  |

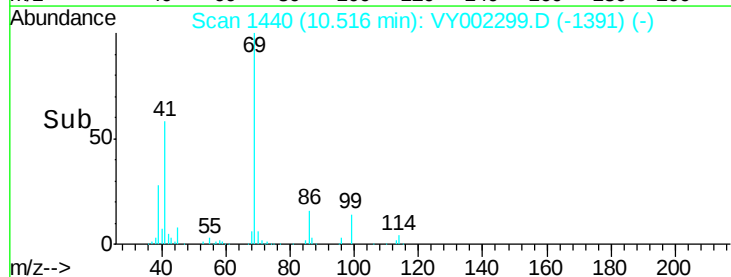
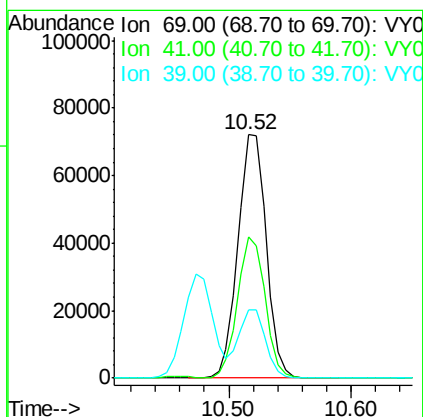
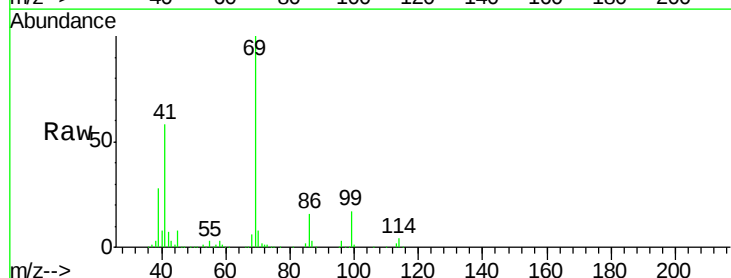
Manual Integrations  
 APPROVED

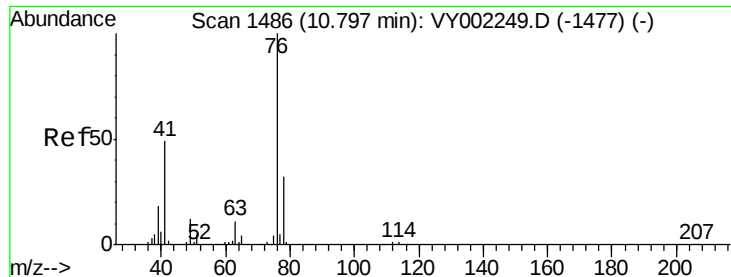
MMDadoda  
 4/15/2020 9:38:16 AM



#56  
 Ethyl methacrylate  
 Concen: 48.529 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 115902 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 56.2  | 47.9  | 71.9   |
| 39       | 27.0  | 23.8  | 35.6   |





#57

1,3-Dichloropropane

Concen: 48.131 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 141567

Ion Ratio Lower Upper

76 100

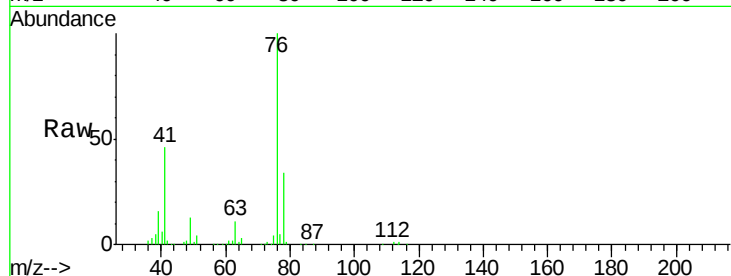
78 32.3 25.8 38.6

Manual Integrations

APPROVED

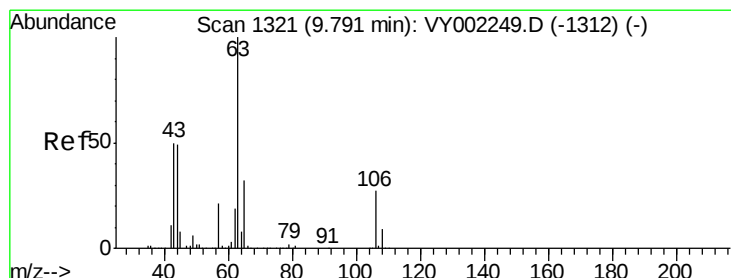
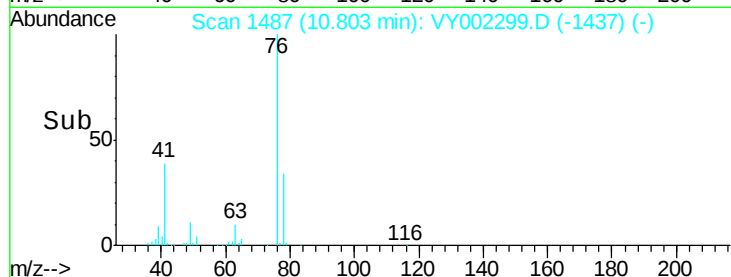
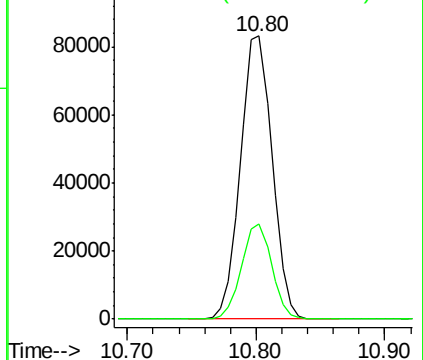
MMDadoda

4/15/2020 9:38:16 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 239.822 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002299.D

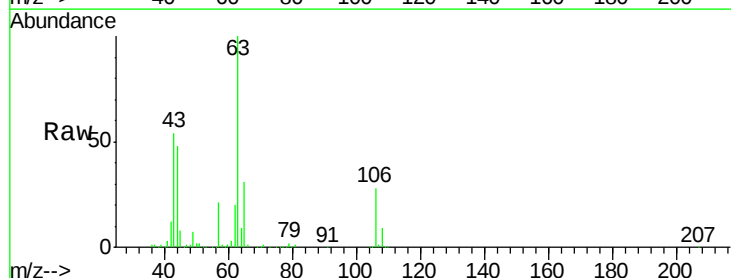
Acq: 14 Apr 2020 11:21

Tgt Ion: 63 Resp: 296608

Ion Ratio Lower Upper

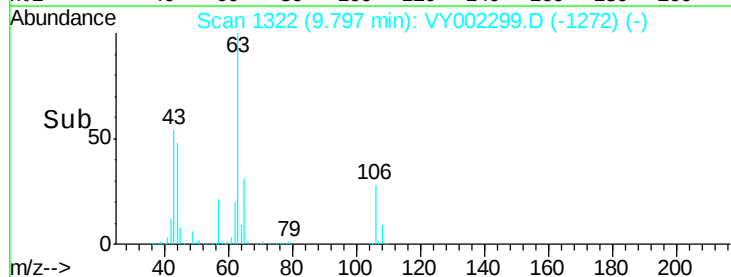
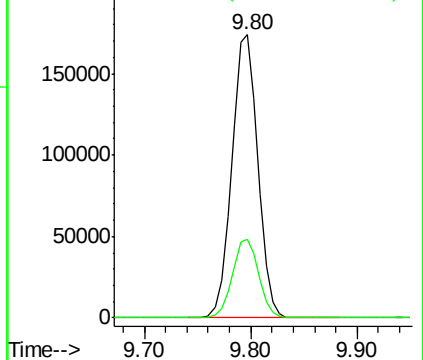
63 100

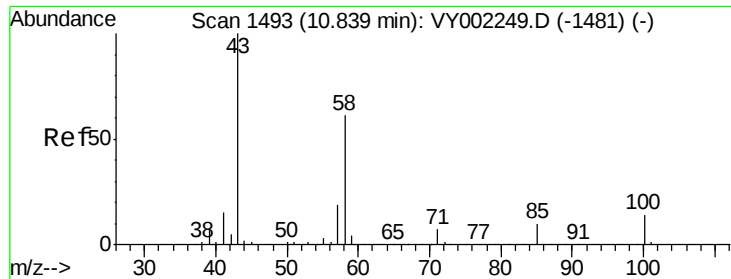
106 28.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





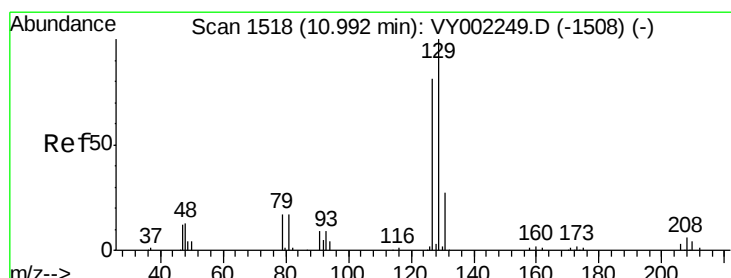
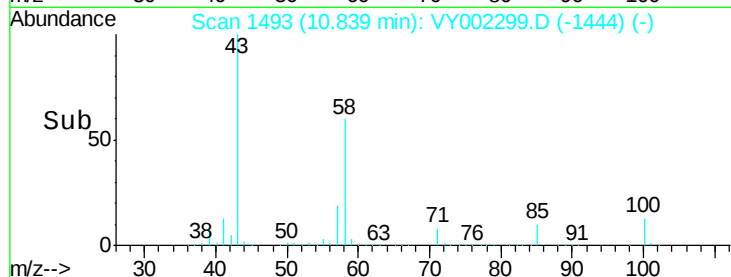
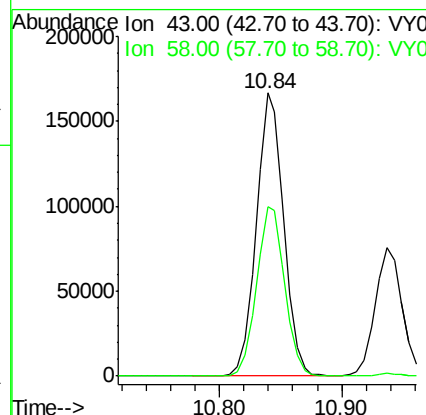
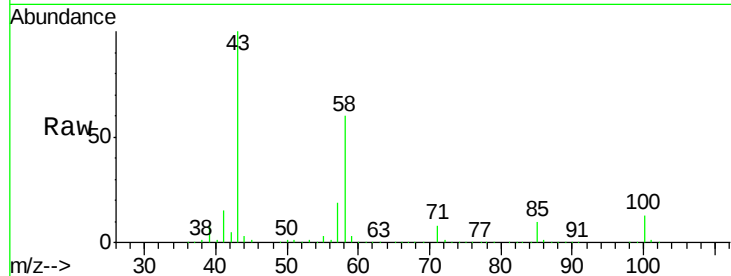
#59  
2-Hexanone  
Concen: 237.549 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 61.4  | 29.8  | 89.3  |

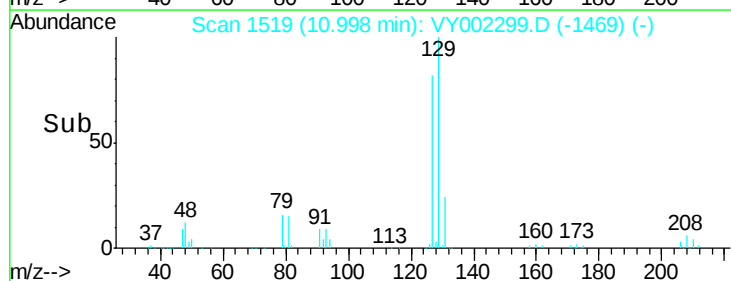
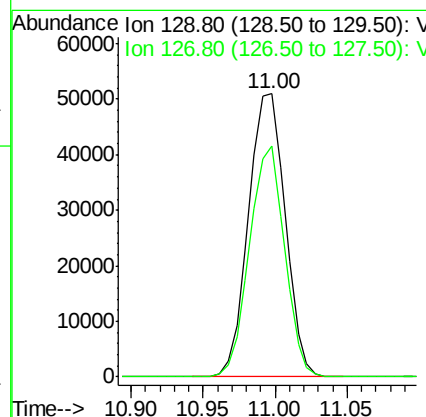
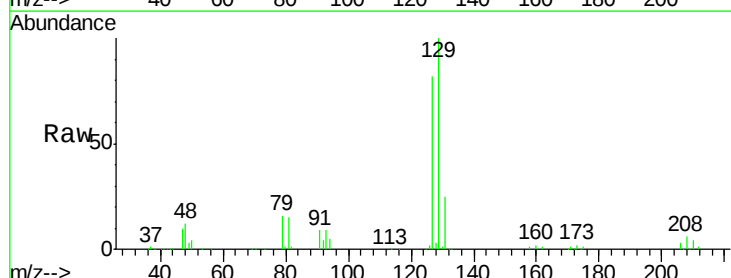
Manual Integrations  
APPROVED

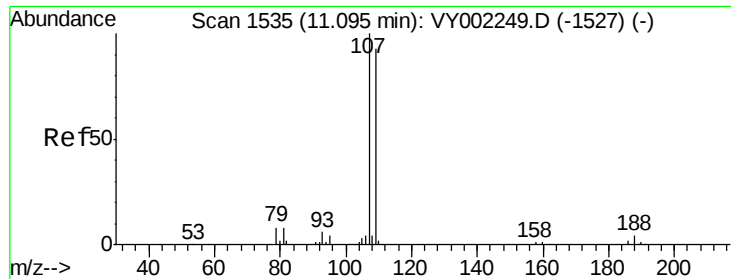
MMDadoda  
4/15/2020 9:38:16 AM



#60  
Dibromochloromethane  
Concen: 50.504 ug/l  
RT: 11.00 min Scan# 1519  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.7  | 39.0  | 117.0 |





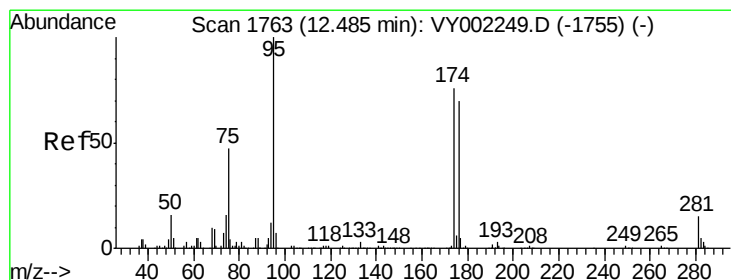
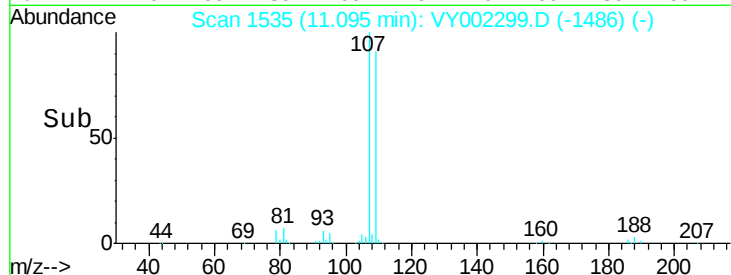
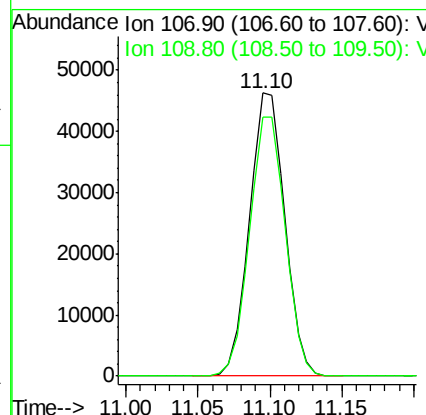
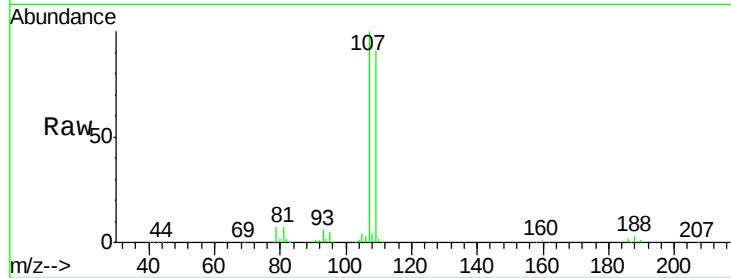
#61  
 1,2-Dibromoethane  
 Concen: 49.273 ug/l  
 RT: 11.10 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 92.7  | 75.6  | 113.4 |

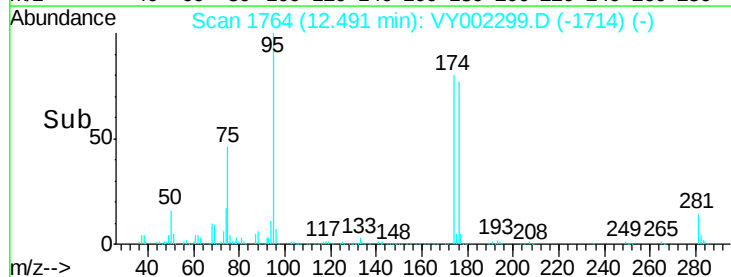
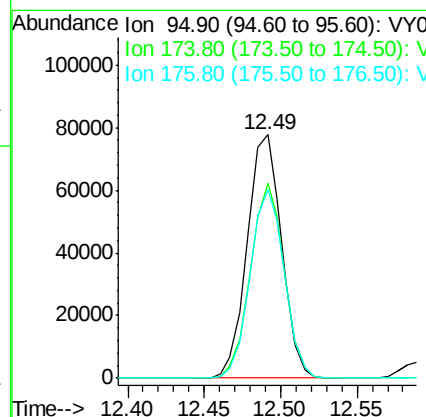
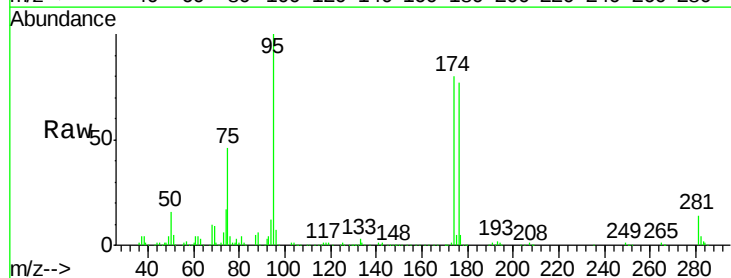
Manual Integrations  
 APPROVED

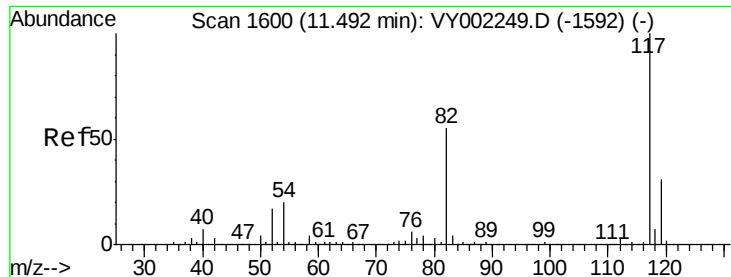
MMDadoda  
 4/15/2020 9:38:16 AM



#62  
 4-Bromofluorobenzene  
 Concen: 50.045 ug/l  
 RT: 12.49 min Scan# 1764  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 78.1  | 0.0   | 150.6 |
| 176     | 76.5  | 0.0   | 141.4 |





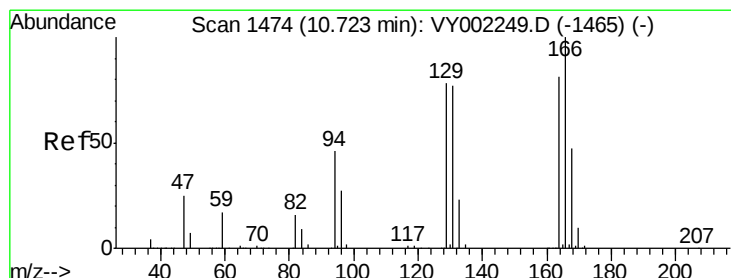
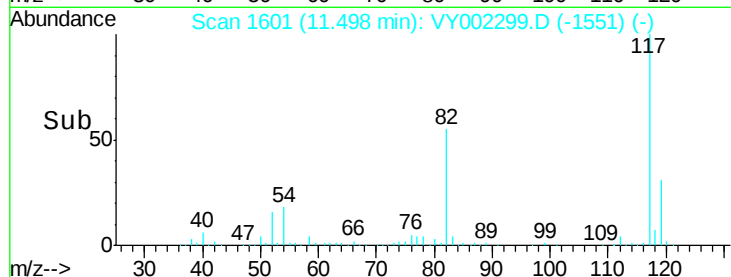
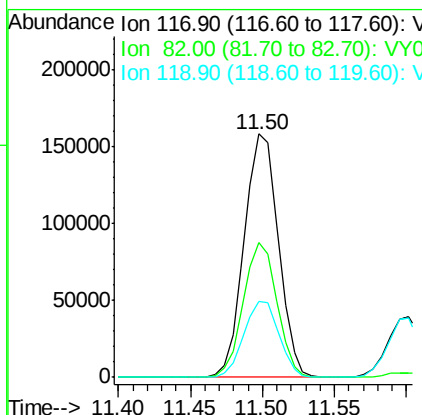
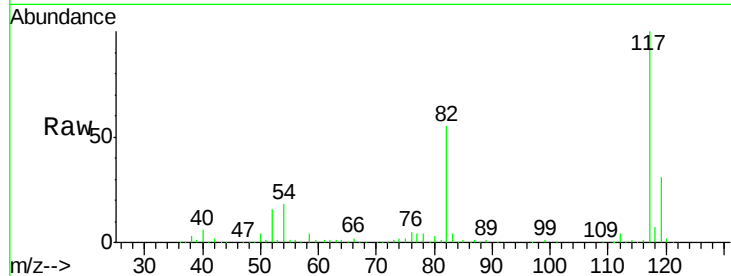
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 260516 |       |       |
| 82      | 55.2  | 44.2   | 66.4  |       |
| 119     | 31.4  | 25.1   | 37.7  |       |

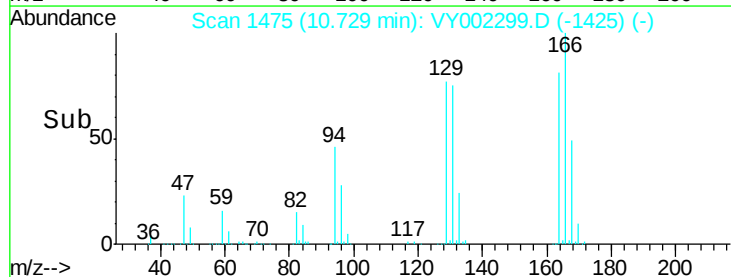
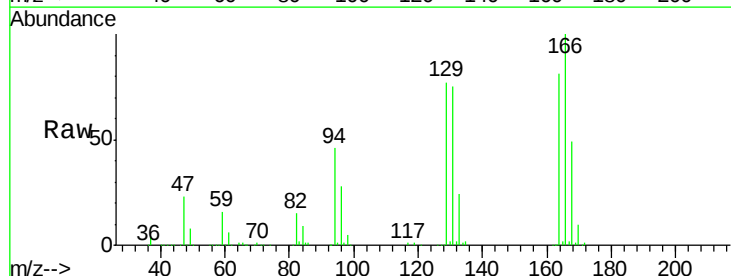
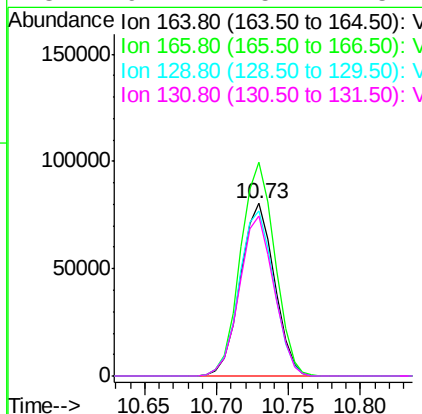
Manual Integrations  
APPROVED

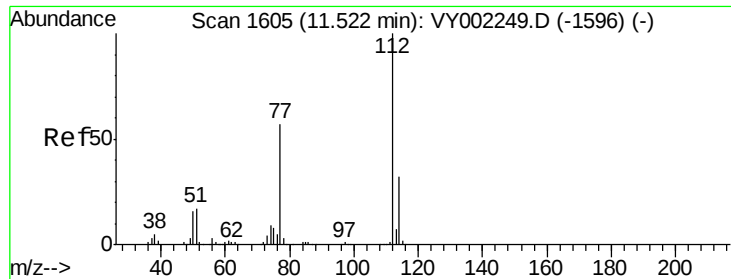
MMDadoda  
4/15/2020 9:38:16 AM



#64  
Tetrachloroethene  
Concen: 50.079 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 131901 |       |       |
| 166     | 123.7 | 98.4   | 147.6 |       |
| 129     | 95.3  | 76.6   | 115.0 |       |
| 131     | 92.7  | 75.4   | 113.2 |       |





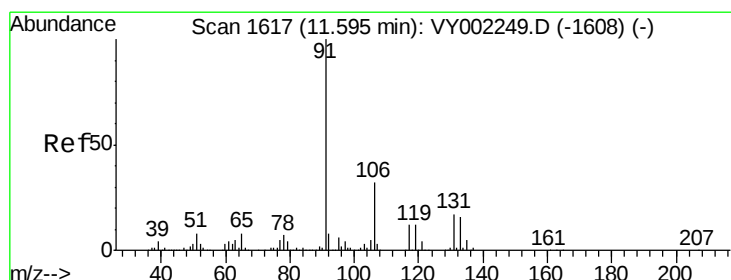
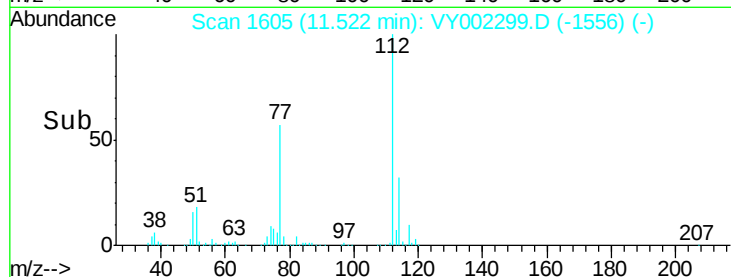
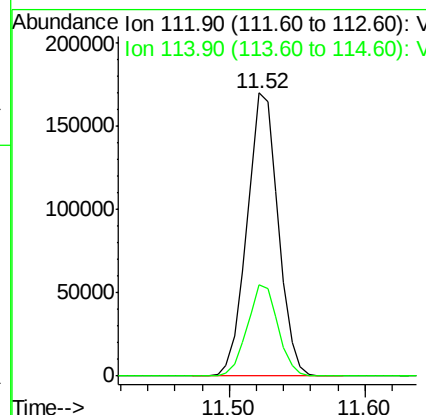
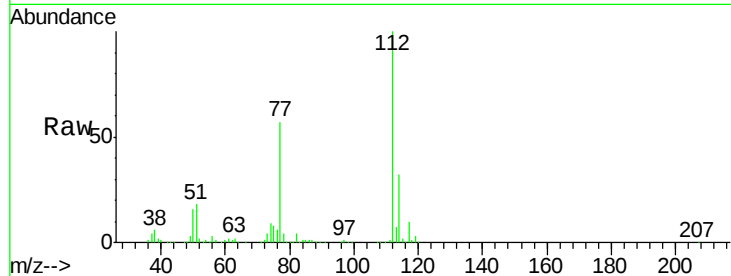
#65  
Chlorobenzene  
Concen: 50.250 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.2  | 25.6  | 38.4  |

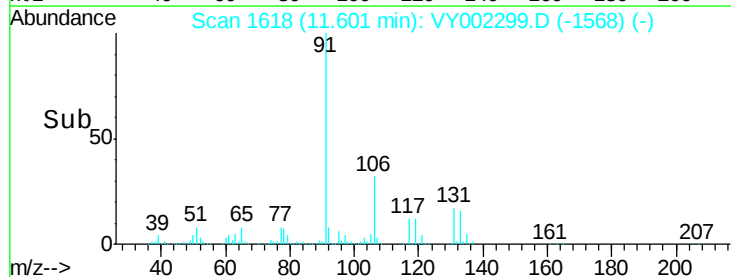
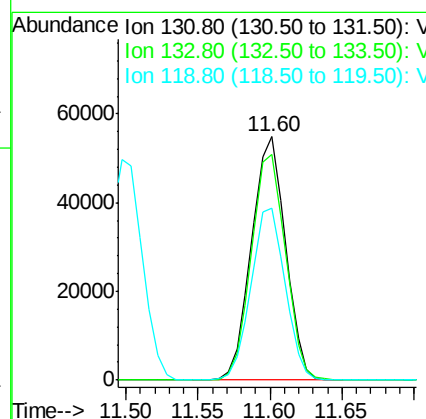
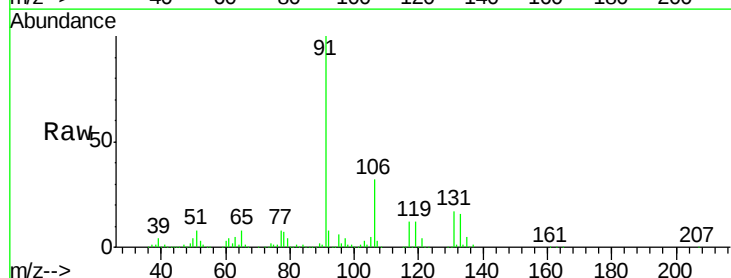
Manual Integrations  
APPROVED

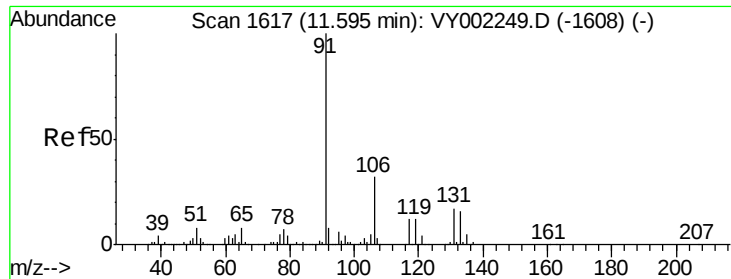
MMDadoda  
4/15/2020 9:38:16 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.957 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 93.5  | 46.5  | 139.3 |
| 119     | 70.9  | 34.5  | 103.6 |





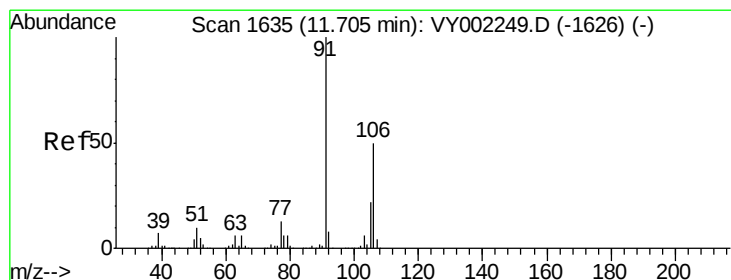
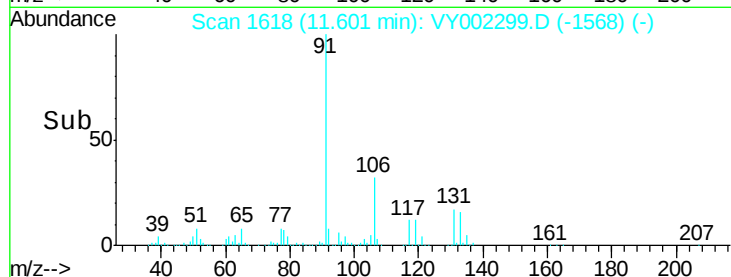
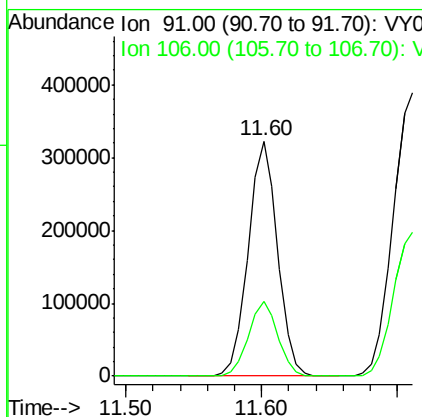
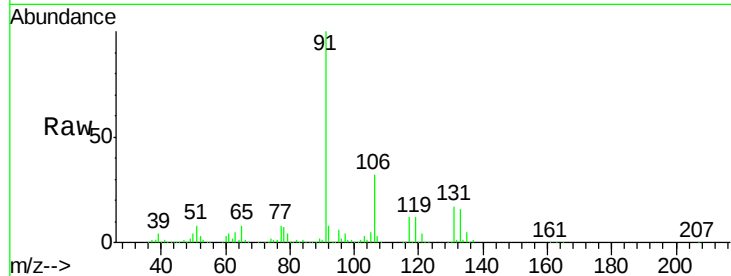
#67  
Ethyl Benzene  
Concen: 48.909 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 484871  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.4 38.0

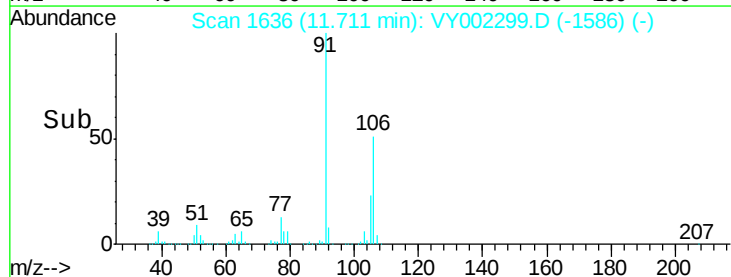
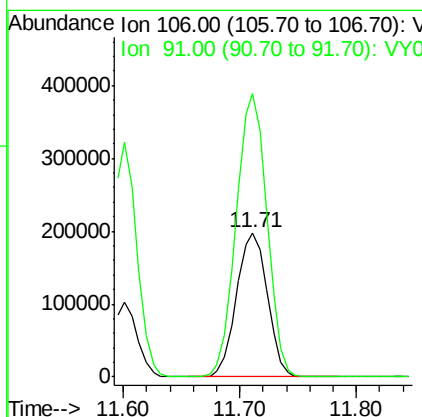
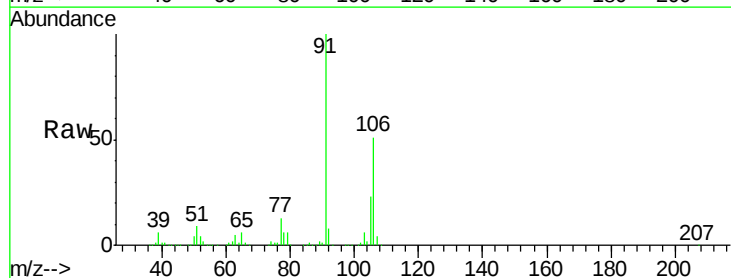
Manual Integrations  
APPROVED

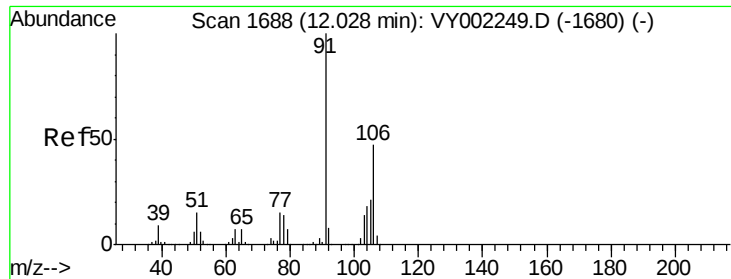
MMDadoda  
4/15/2020 9:38:16 AM



#68  
m/p-Xylenes  
Concen: 98.627 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Tgt Ion: 106 Resp: 366217  
Ion Ratio Lower Upper  
106 100  
91 195.8 159.8 239.6





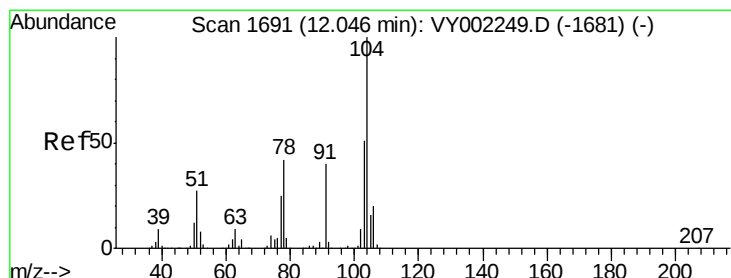
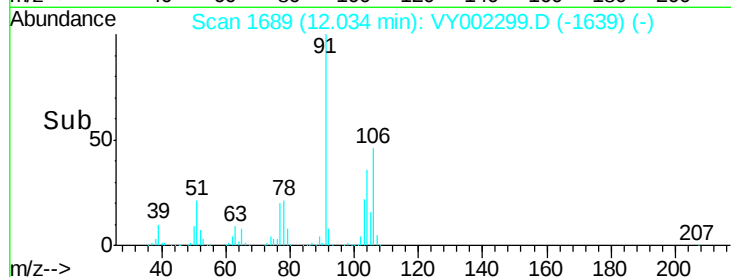
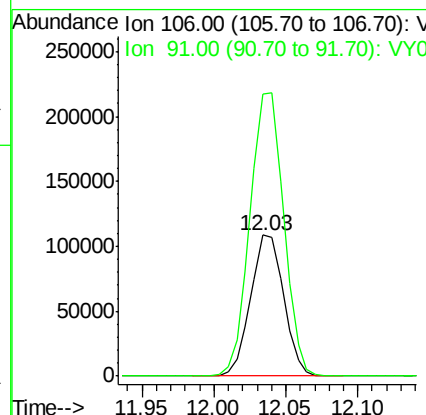
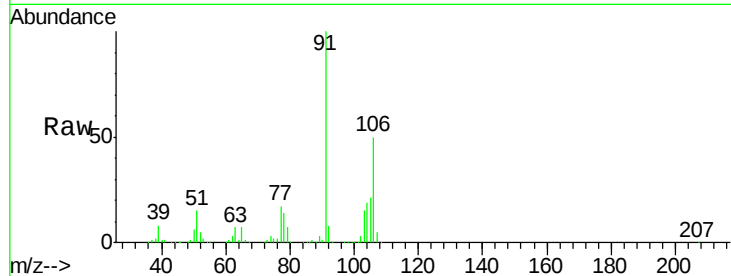
#69  
o-Xylene  
Concen: 49.547 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 172723 |       |       |
| 91      | 204.5 | 105.8 | 317.3  |       |       |

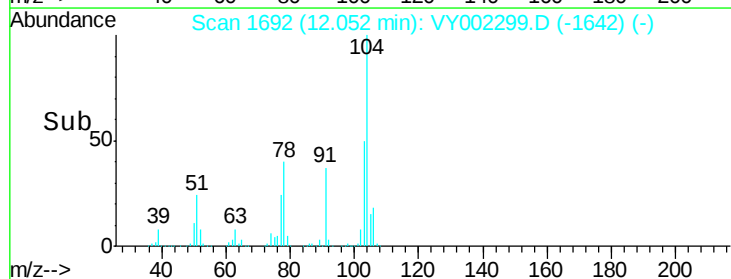
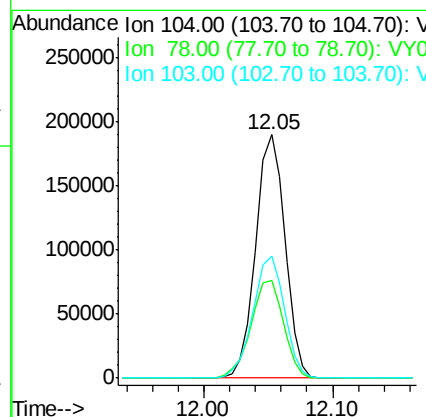
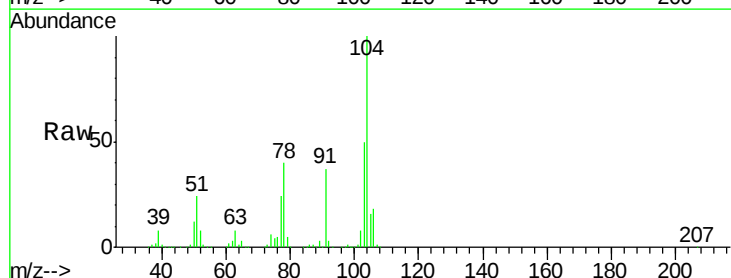
Manual Integrations  
APPROVED

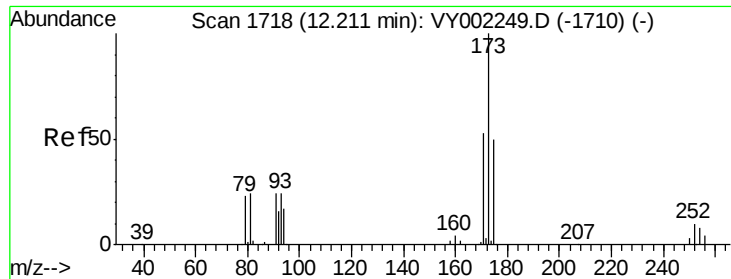
MMDadoda  
4/15/2020 9:38:16 AM



#70  
Styrene  
Concen: 49.286 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 298090 |       |       |
| 78      | 44.6 | 37.2  | 55.8   |       |       |
| 103     | 53.7 | 43.4  | 65.0   |       |       |





#71

Bromoform

Concen: 49.536 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

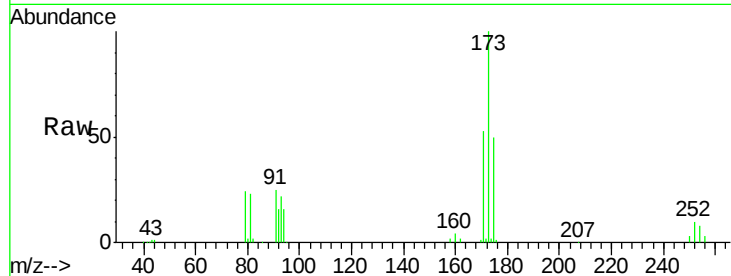
ClientSampleId :

VSTDCCC050

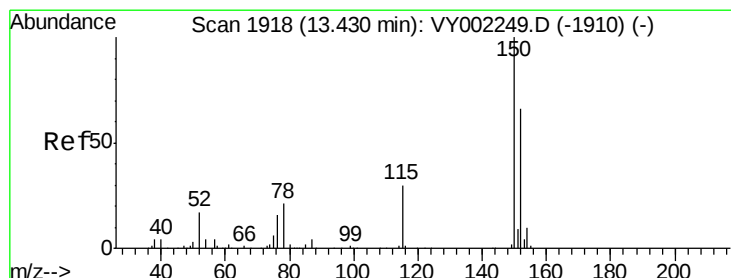
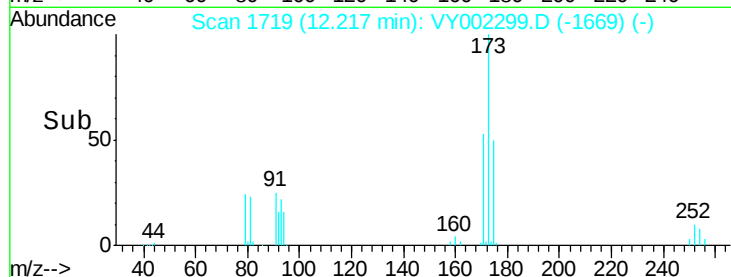
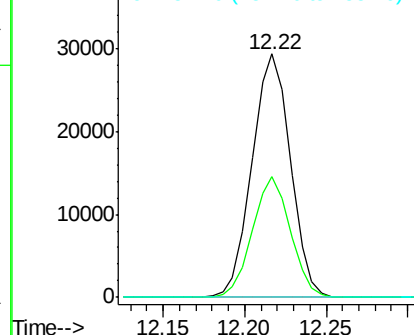
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 24.1  | 72.3  |
| 254     | 0.0   | 0.0   | 0.0   |

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

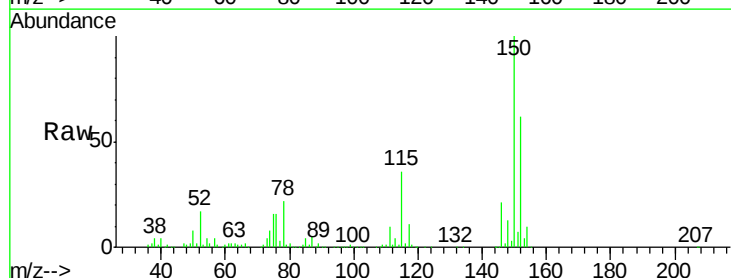
RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

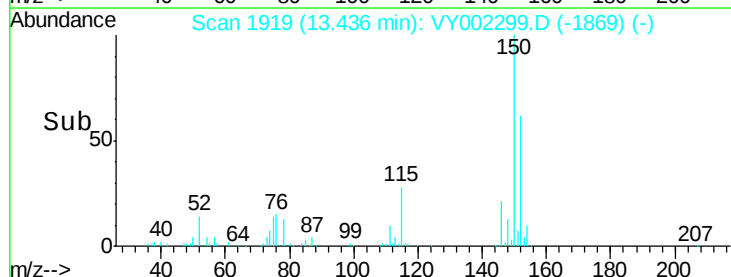
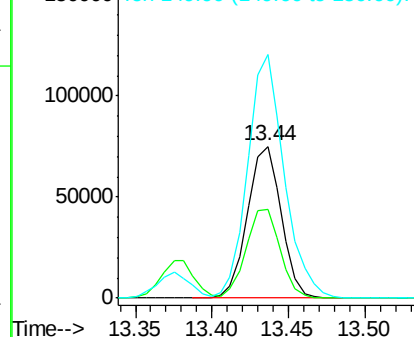
Lab File: VY002299.D

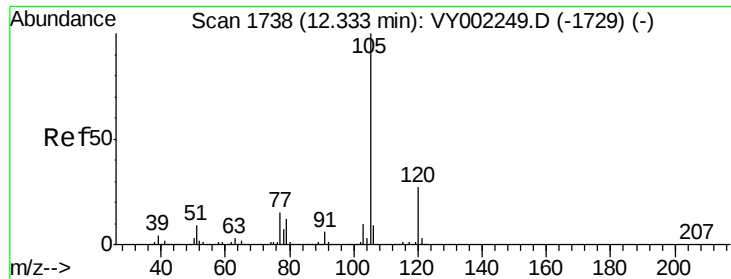
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 58.7  | 30.7  | 92.1  |
| 150     | 173.1 | 0.0   | 350.6 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





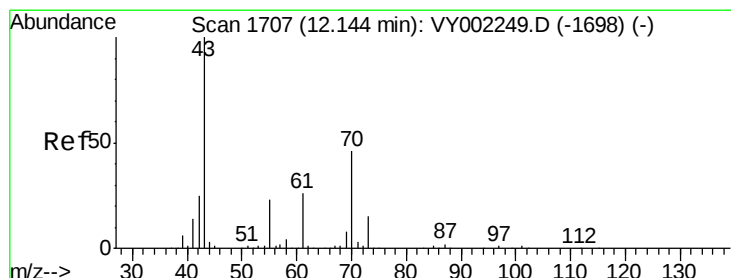
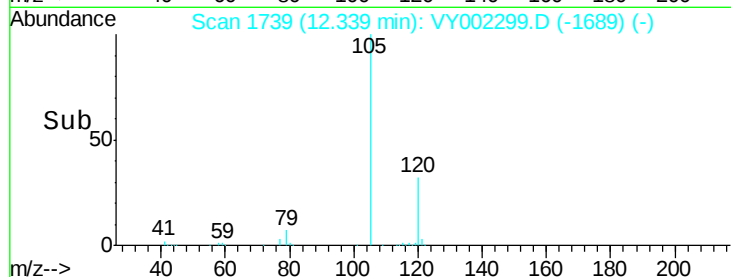
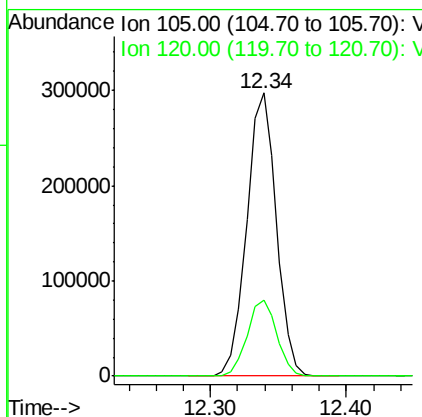
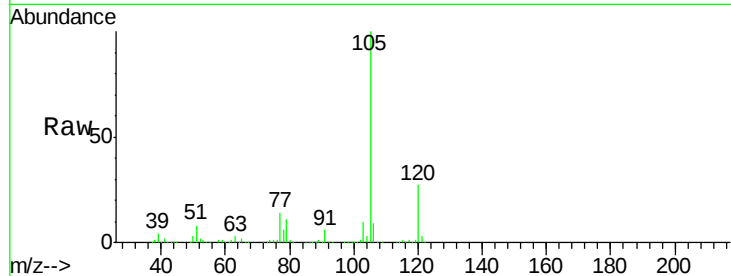
#73  
Isopropylbenzene  
Concen: 50.143 ug/l  
RT: 12.34 min Scan# 1739  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.9  | 13.3  | 39.8  |

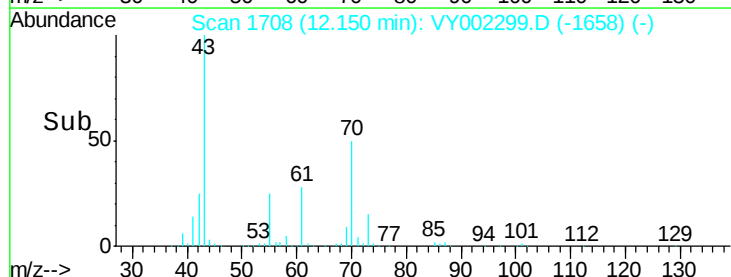
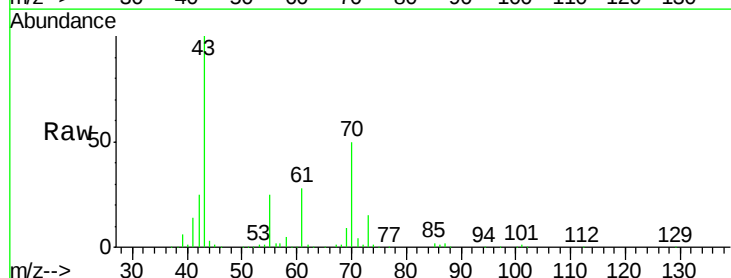
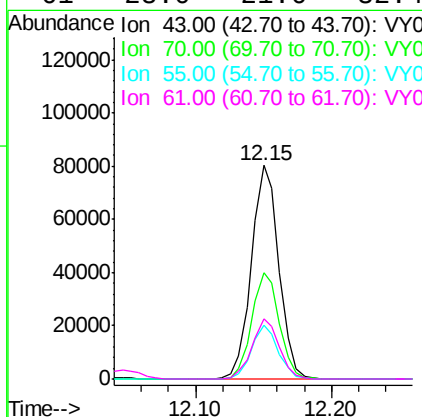
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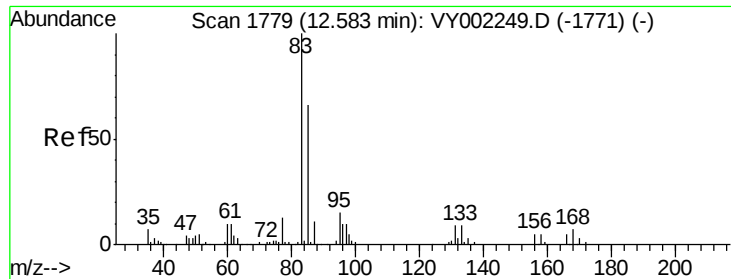
MMDadoda  
4/15/2020 9:38:16 AM



#74  
N-ethyl acetate  
Concen: 44.238 ug/l  
RT: 12.15 min Scan# 1708  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 50.0  | 37.5  | 56.3  |
| 55      | 24.8  | 19.0  | 28.6  |
| 61      | 28.0  | 21.6  | 32.4  |





#75

1,1,2,2-Tetrachloroethane

Concen: 54.158 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

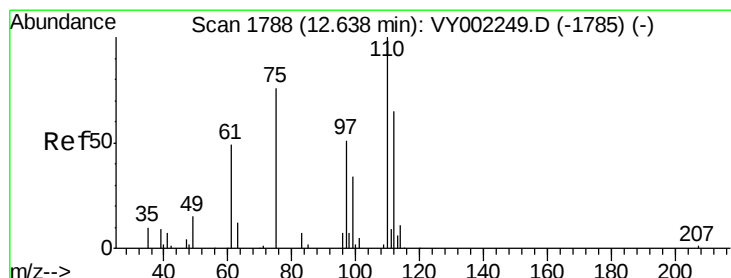
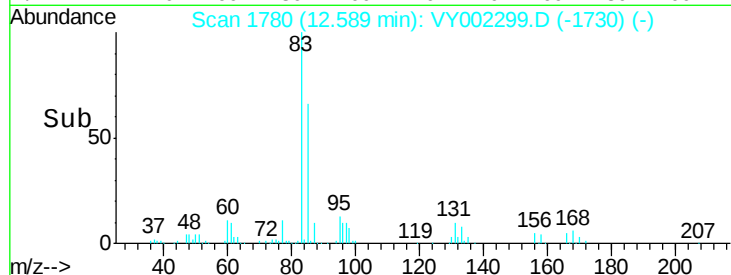
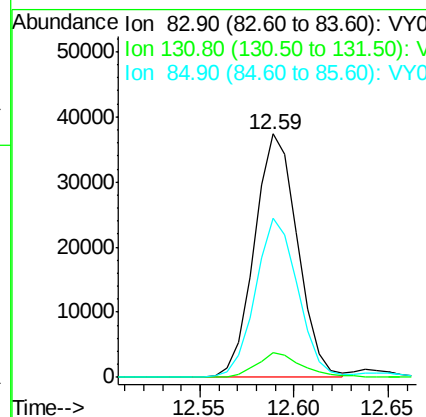
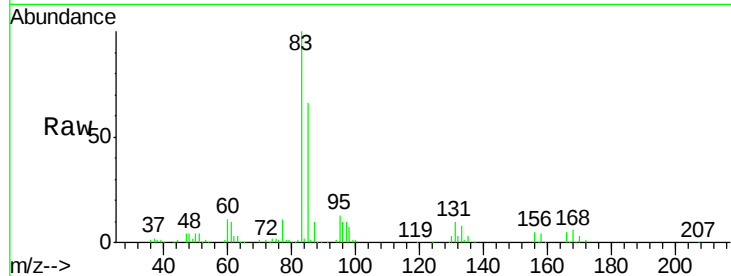
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 59267 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.6  | 4.9   | 14.7  |
| 85        | 64.2  | 32.6  | 97.8  |

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4/15/2020 9:38:16 AM



#76

1,2,3-Trichloropropane

Concen: 40.146 ug/l m

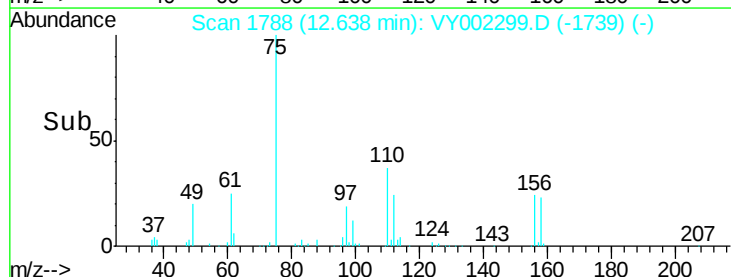
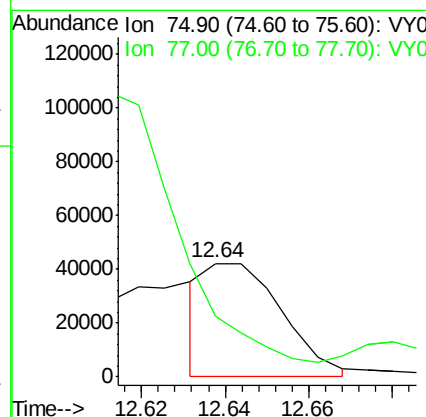
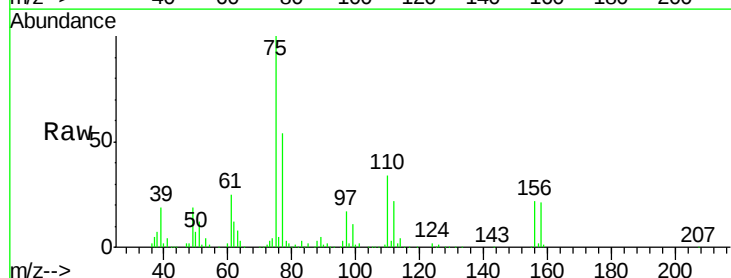
RT: 12.64 min Scan# 1788

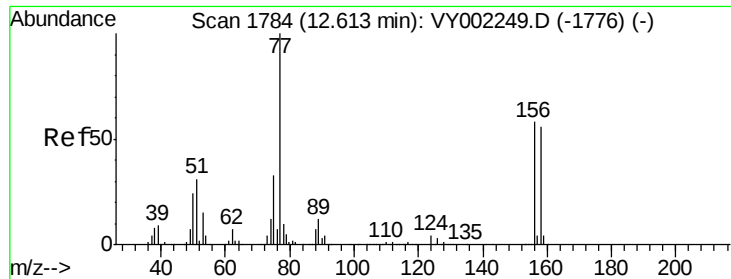
Delta R.T. -0.00 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 53674 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 50.746 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

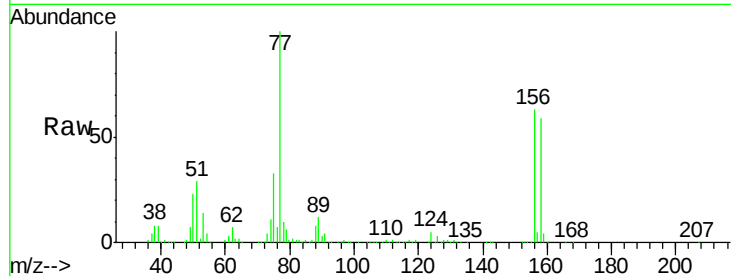
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |       |
| 77      | 190.1 | 101.3 | 303.9 |       |       |
| 158     | 95.4  | 48.3  | 144.8 |       |       |

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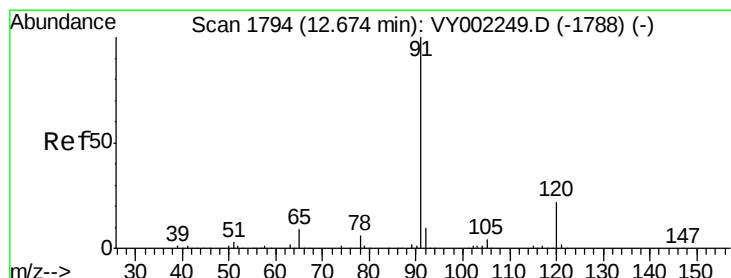
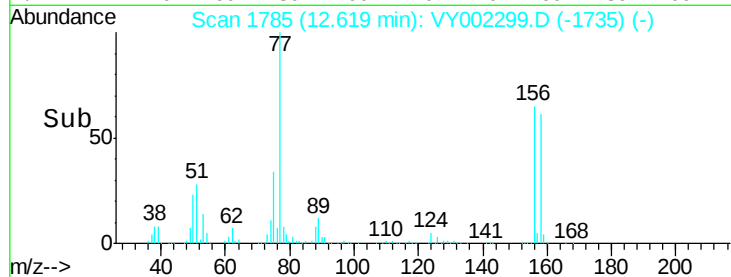
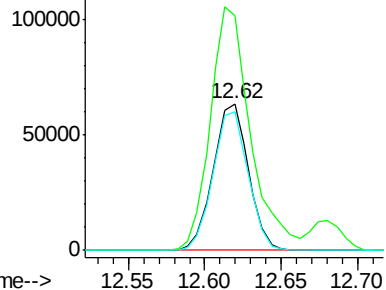
MMDadoda  
4/15/2020 9:38:16 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.397 ug/l

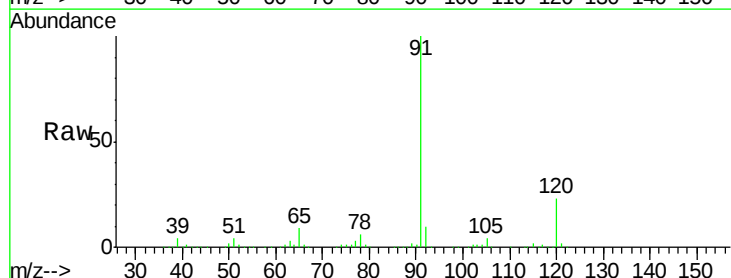
RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002299.D

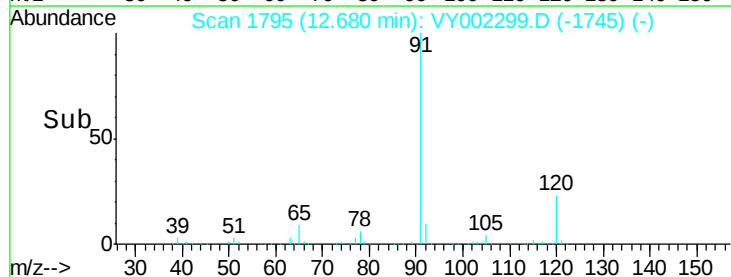
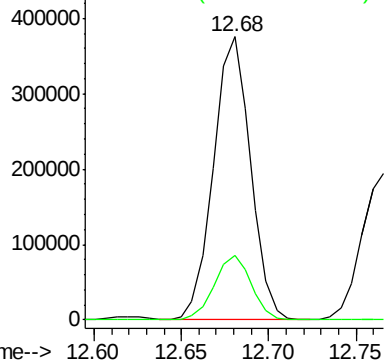
Acq: 14 Apr 2020 11:21

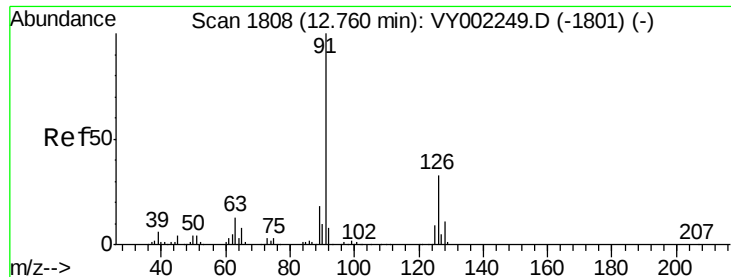
| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 91      | 100  |       |      |       |       |
| 120     | 22.7 | 11.2  | 33.5 |       |       |



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





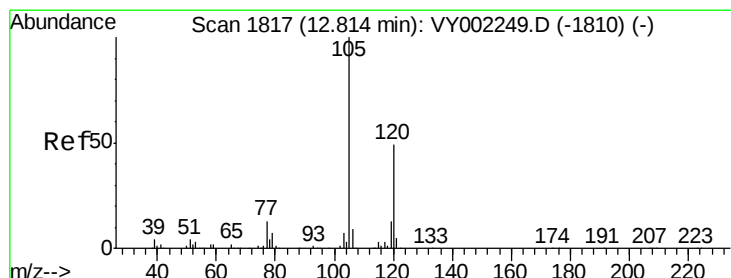
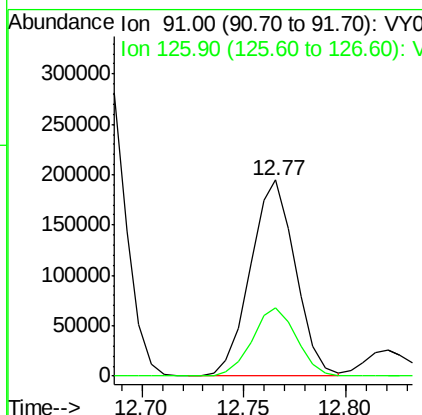
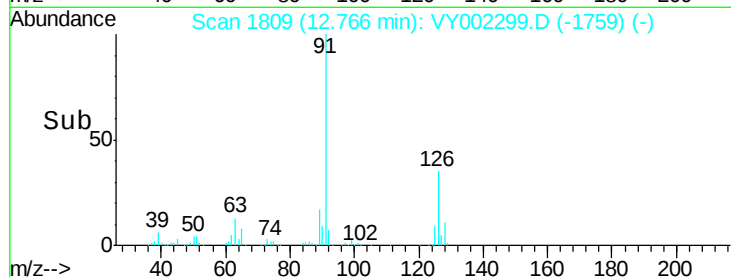
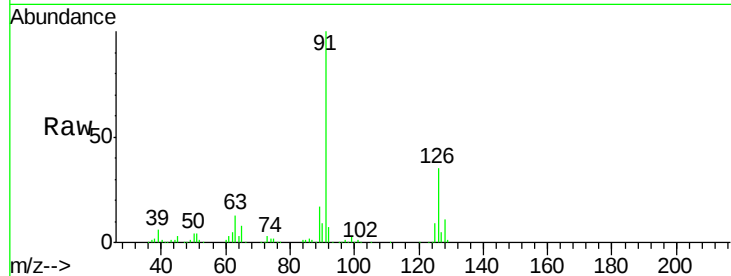
#79  
 2-Chlorotoluene  
 Concen: 48.676 ug/l  
 RT: 12.77 min Scan# 1809  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 297579  
 Ion Ratio Lower Upper  
 91 100  
 126 34.8 16.9 50.7

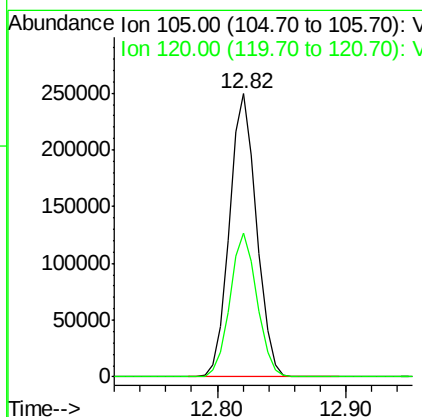
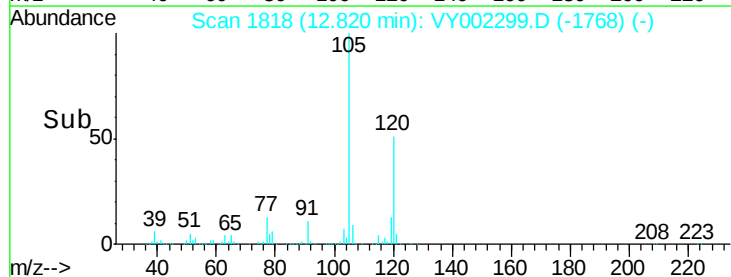
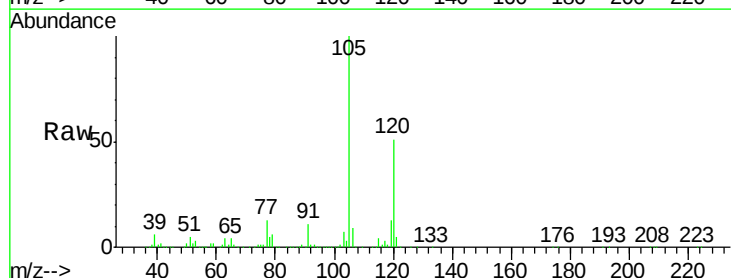
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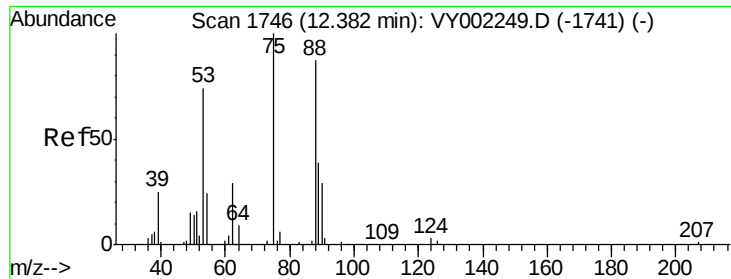
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.998 ug/l  
 RT: 12.82 min Scan# 1818  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Tgt Ion: 105 Resp: 366536  
 Ion Ratio Lower Upper  
 105 100  
 120 50.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 49.849 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

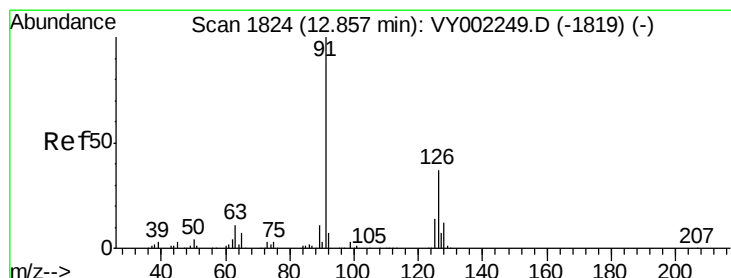
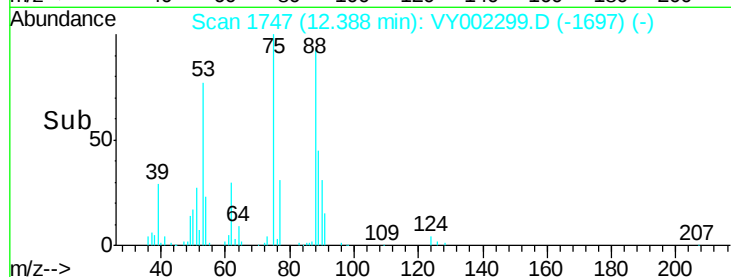
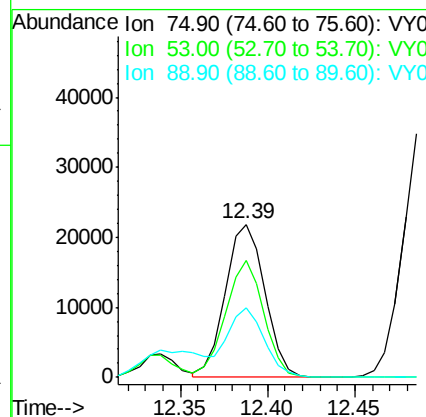
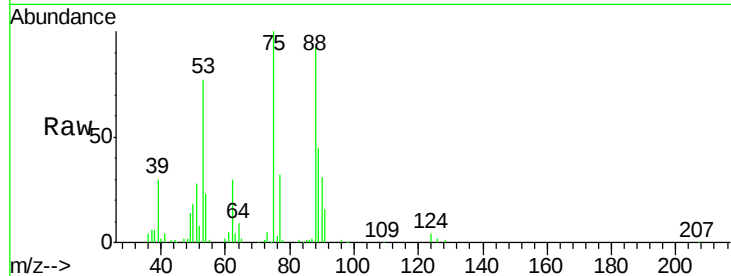
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 34266 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 73.8  | 59.8  | 89.8  |
| 89       | 44.6  | 37.0  | 55.6  |

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#82

4-Chlorotoluene

Concen: 48.412 ug/l

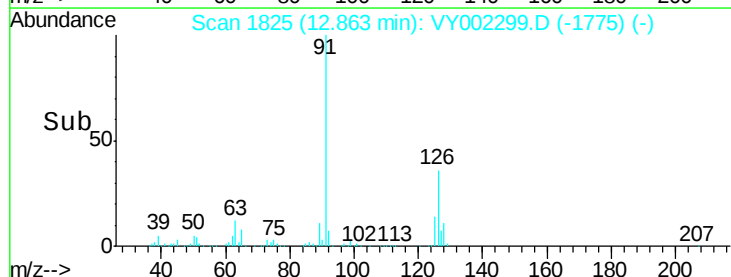
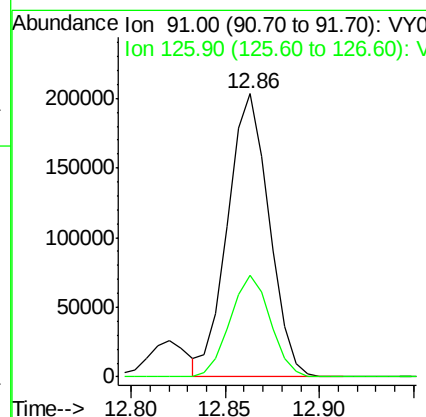
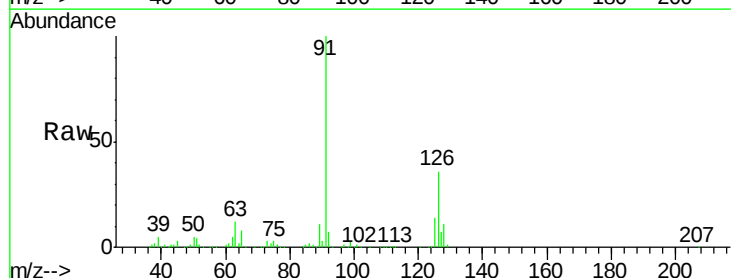
RT: 12.86 min Scan# 1825

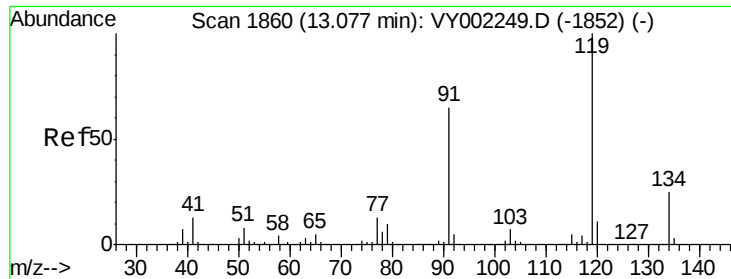
Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 310203 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 35.2  | 16.9  | 50.7   |





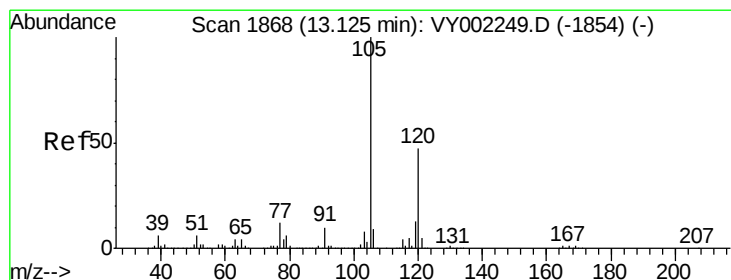
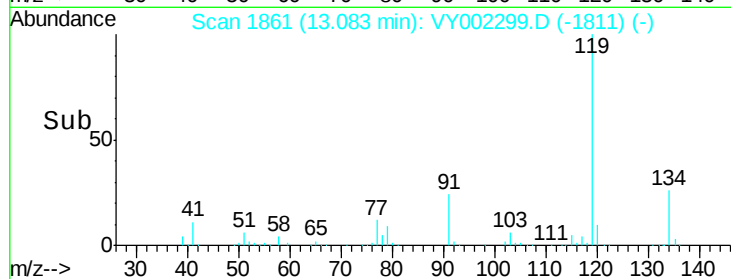
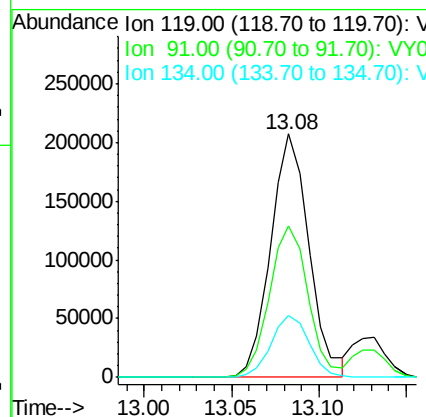
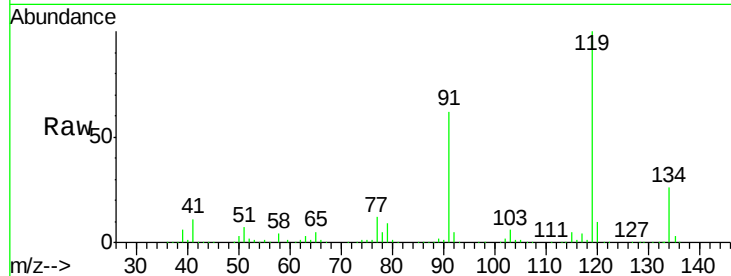
#83  
 tert-Butylbenzene  
 Concen: 50.508 ug/l  
 RT: 13.08 min Scan# 1861  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.0  | 32.4  | 97.0  |
| 134     | 25.6  | 12.6  | 37.6  |

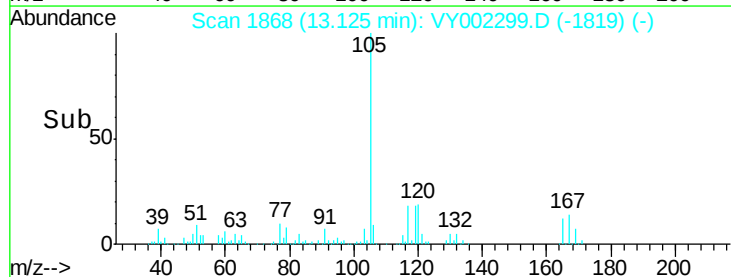
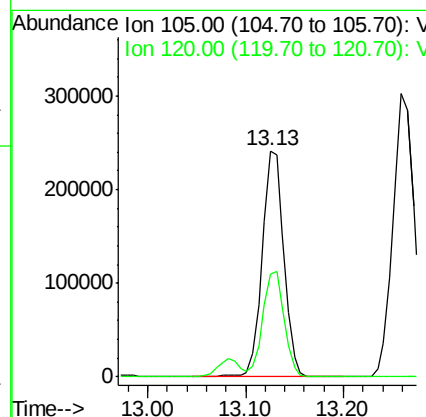
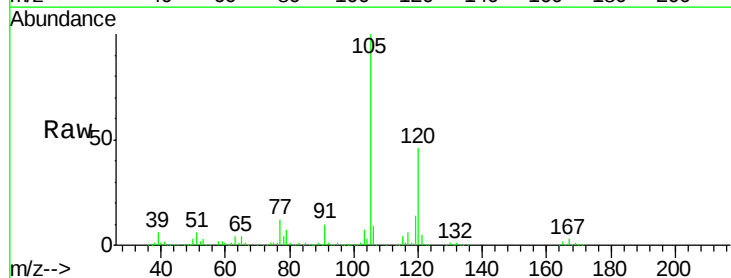
Manual Integrations  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.259 ug/l  
 RT: 13.13 min Scan# 1868  
 Delta R.T. -0.00 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.4  | 23.1  | 69.2  |





#85

sec-Butylbenzene

Concen: 48.948 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 456888

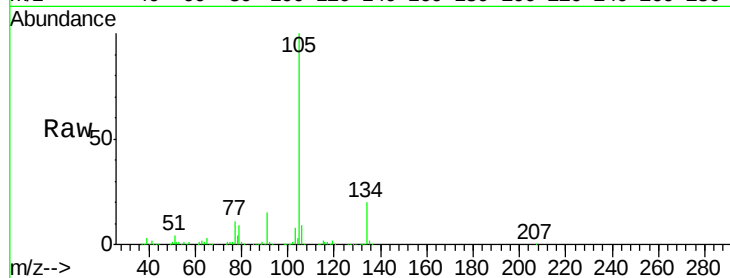
Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.3

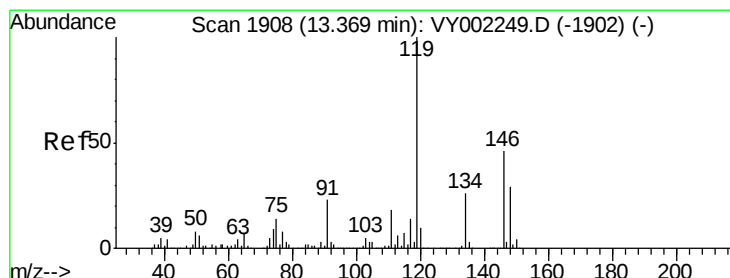
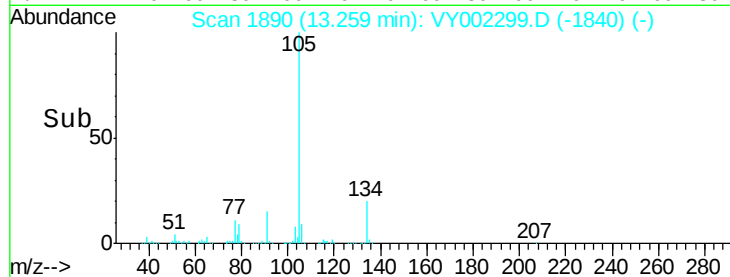
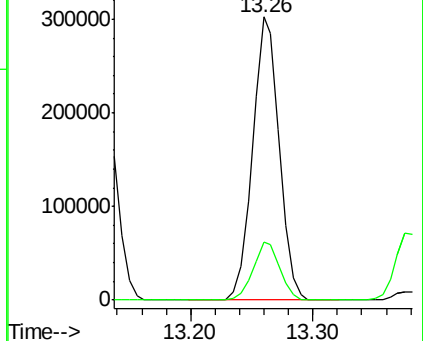
Manual Integrations  
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MMDadoda  
4/15/2020 9:38:16 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.549 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002299.D

Acq: 14 Apr 2020 11:21

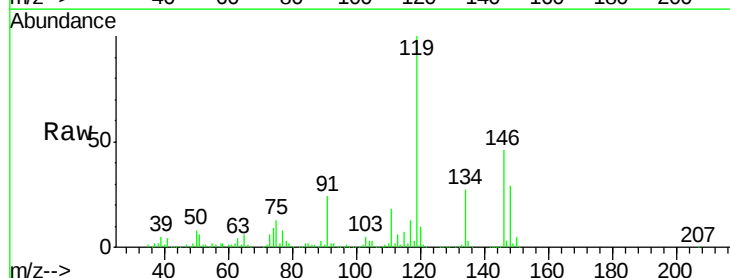
Tgt Ion:119 Resp: 398061

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

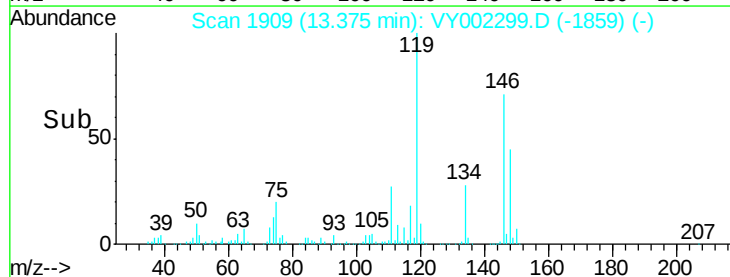
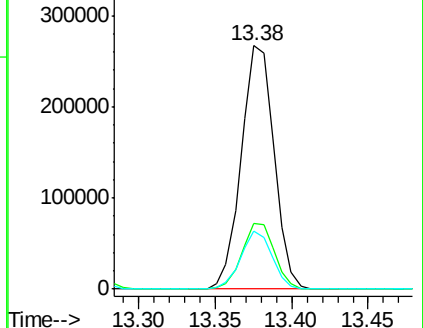
91 22.7 11.5 34.4

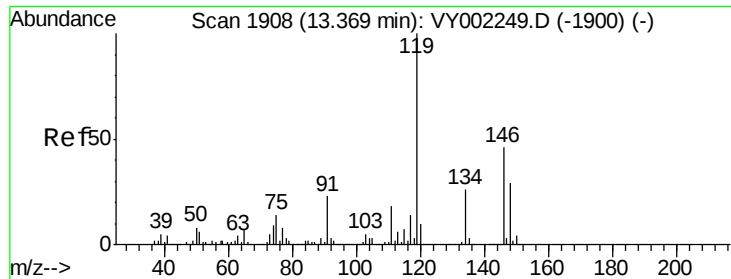


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





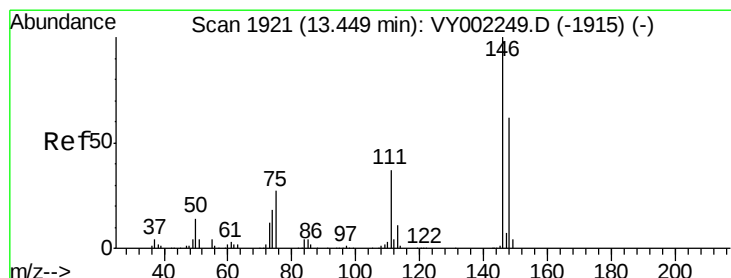
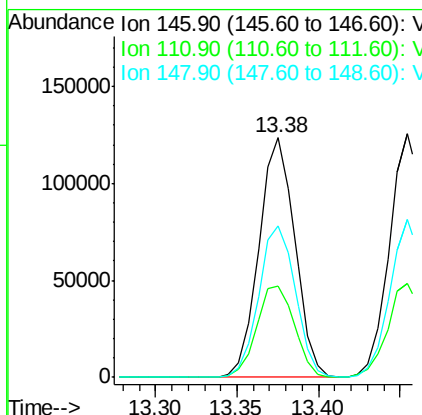
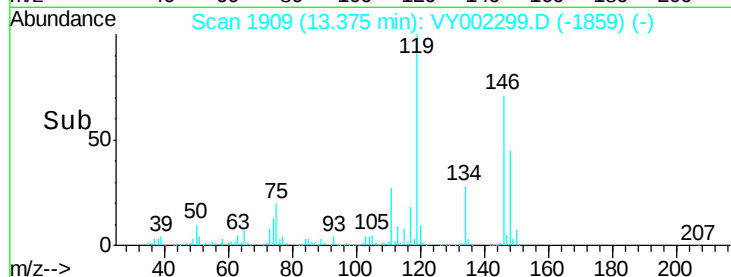
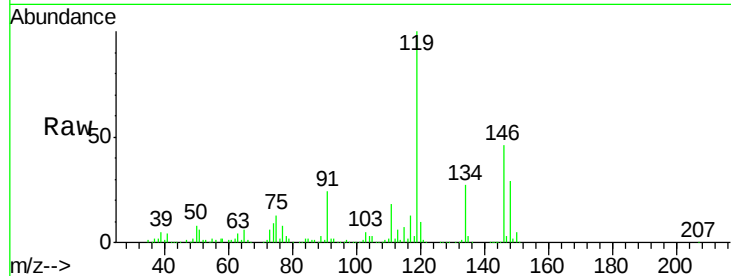
#87  
 1,3-Dichlorobenzene  
 Concen: 49.301 ug/l  
 RT: 13.38 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 190137 |       |       |
| 111     | 40.0  | 20.3   | 60.8  |       |
| 148     | 64.5  | 32.1   | 96.3  |       |

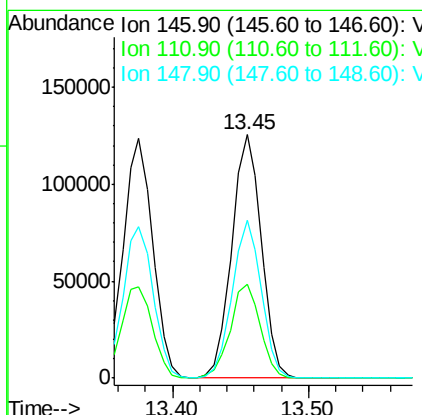
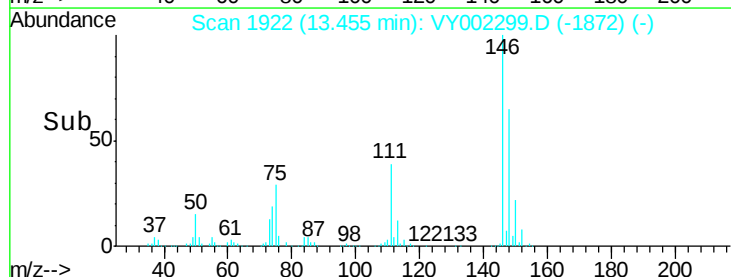
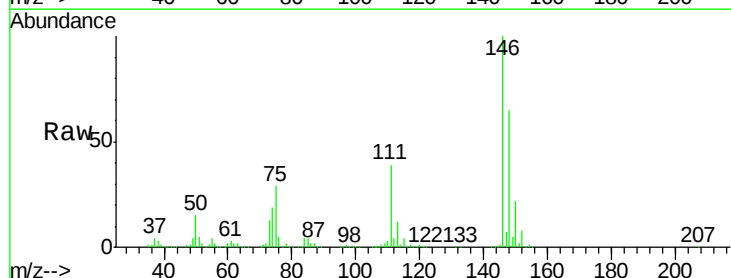
Manual Integrations  
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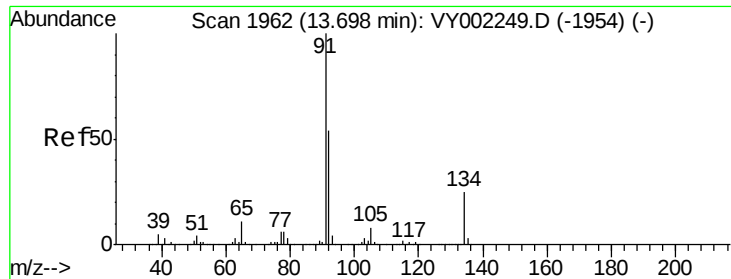
MMDadoda  
 4/15/2020 9:38:16 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 48.488 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 189821 |       |       |
| 111     | 39.0  | 19.6   | 58.8  |       |
| 148     | 63.8  | 32.0   | 96.0  |       |





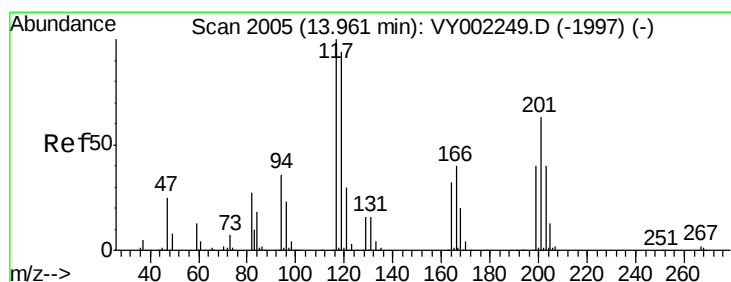
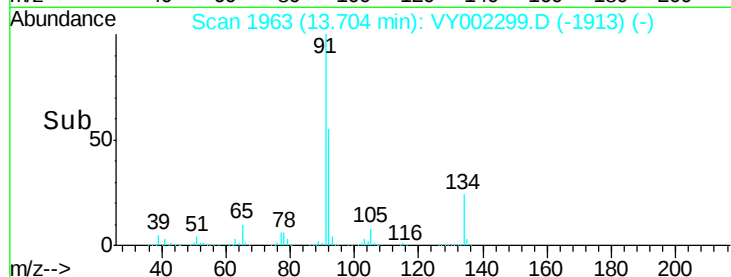
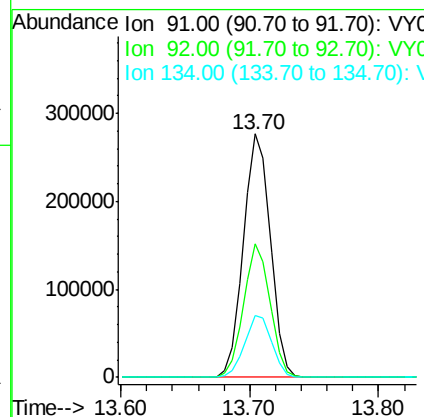
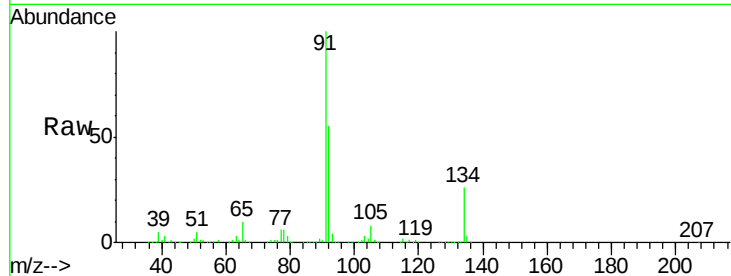
#89  
n-Butylbenzene  
Concen: 48.564 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 53.6  | 27.2 | 81.6  |       |
| 134     | 25.6  | 12.7 | 38.0  |       |

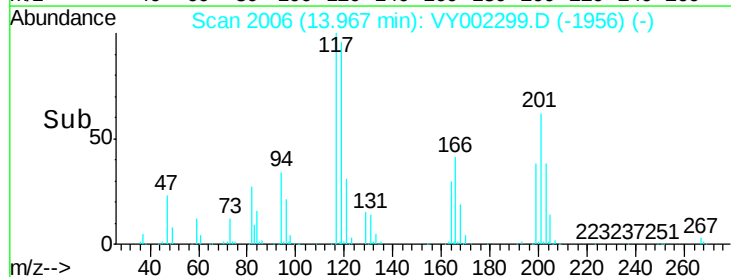
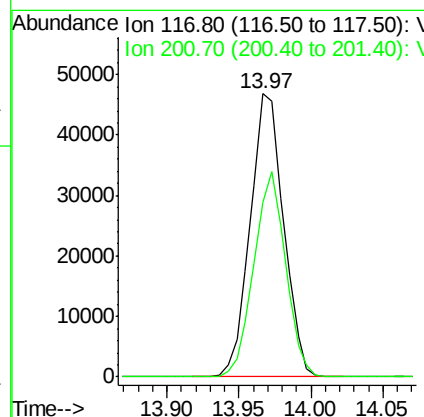
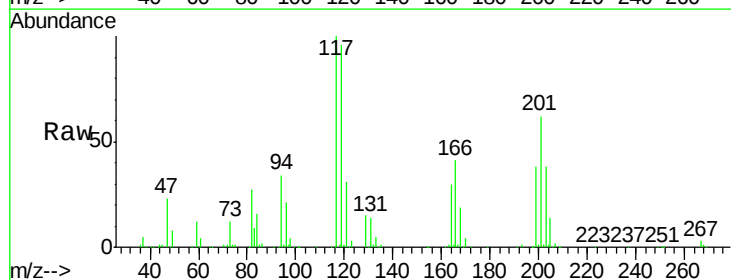
Manual Integrations  
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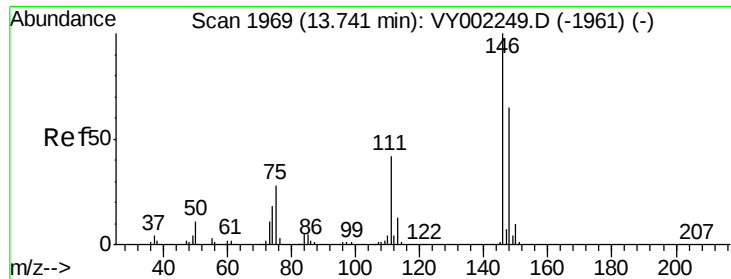
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#90  
Hexachloroethane  
Concen: 48.947 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 68.6  | 33.1 | 99.2  |       |





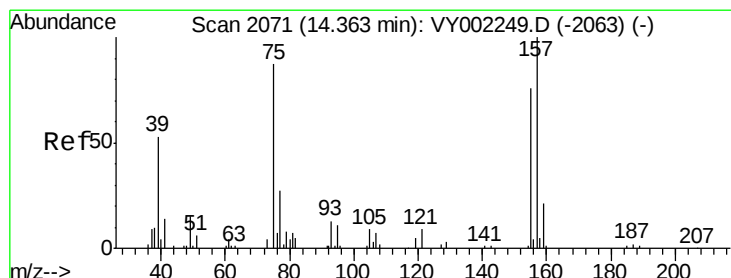
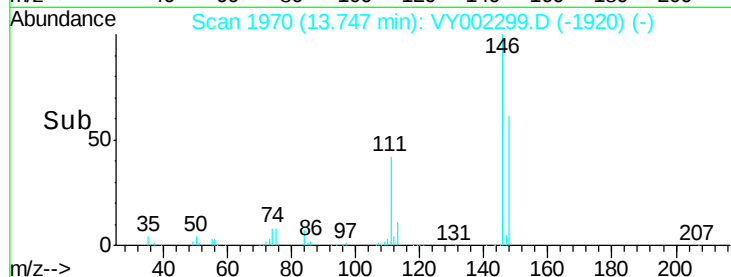
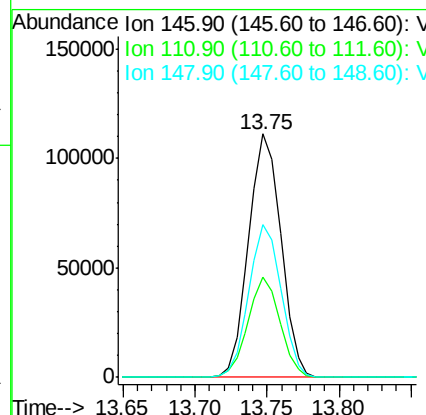
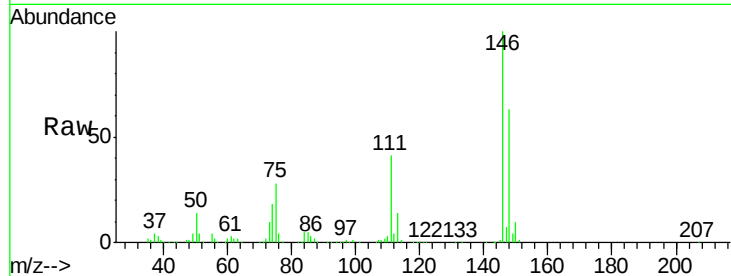
#91  
 1,2-Dichlorobenzene  
 Concen: 49.536 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 21.1  | 63.1  |
| 148     | 62.5  | 31.9  | 95.9  |

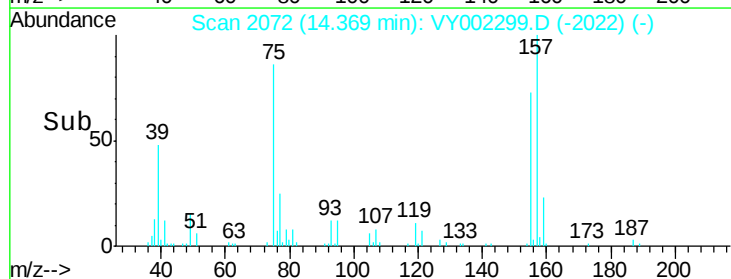
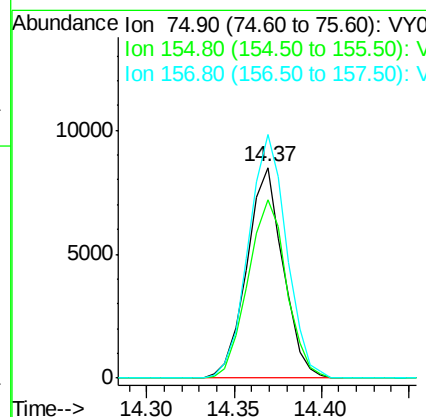
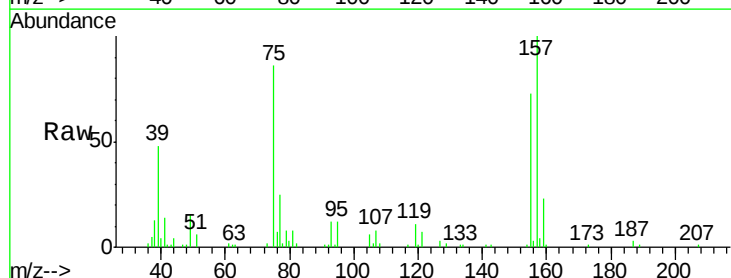
Manual Integrations  
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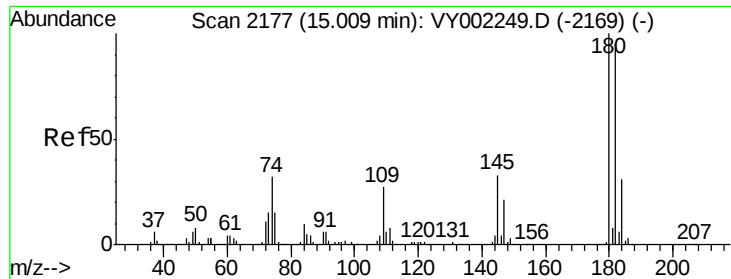
MMDadoda  
 4/15/2020 9:38:16 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 46.246 ug/l  
 RT: 14.37 min Scan# 2072  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 90.2  | 43.6  | 130.8 |
| 157     | 121.5 | 56.0  | 168.2 |





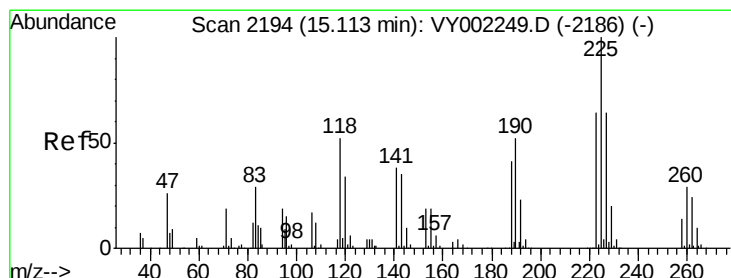
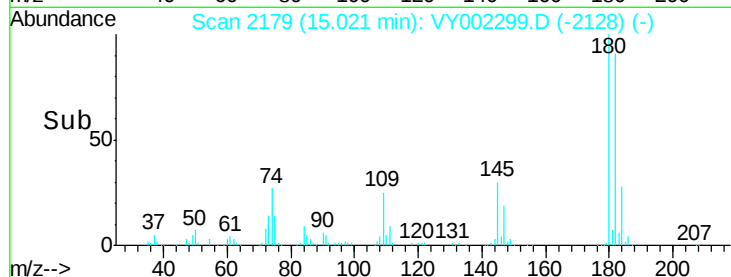
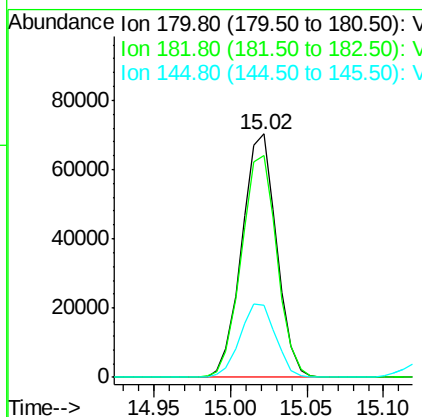
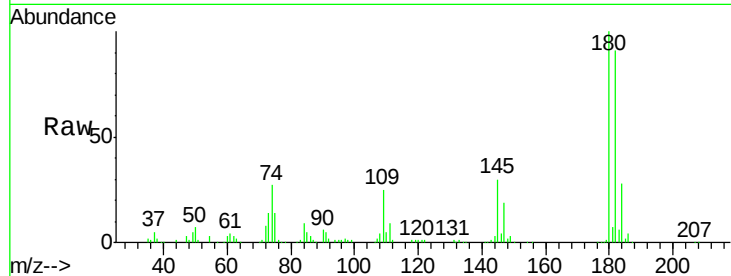
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.199 ug/l  
 RT: 15.02 min Scan# 2179  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 110406 |       |       |
| 182     | 93.5  | 47.9   | 143.7 |       |
| 145     | 31.2  | 16.0   | 48.0  |       |

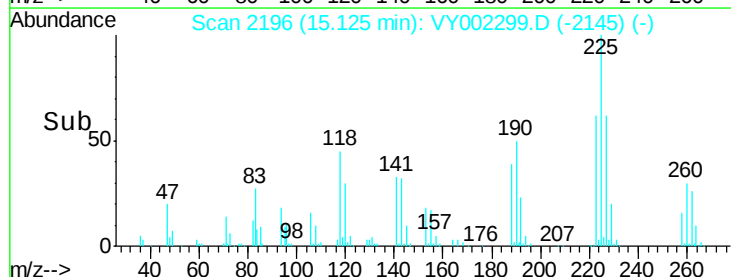
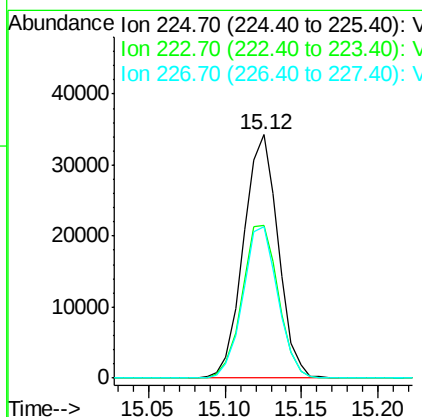
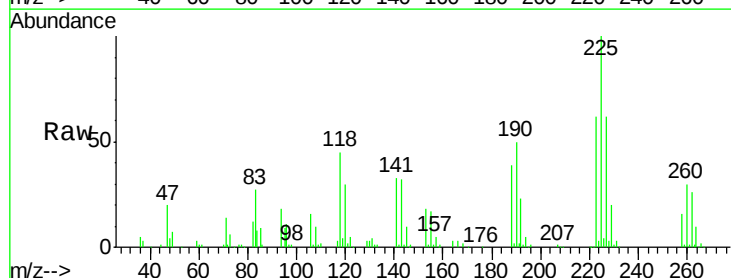
Manual Integrations  
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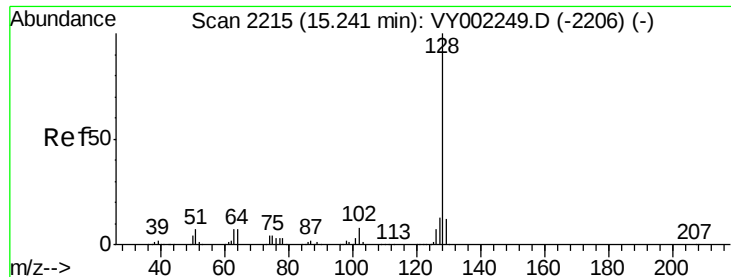
MMDadoda  
 4/15/2020 9:38:16 AM



#94  
 Hexachlorobutadiene  
 Concen: 46.571 ug/l  
 RT: 15.12 min Scan# 2196  
 Delta R.T. 0.01 min  
 Lab File: VY002299.D  
 Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 53729 |       |       |
| 223     | 65.7  | 31.0  | 93.0  |       |
| 227     | 63.1  | 31.3  | 93.9  |       |





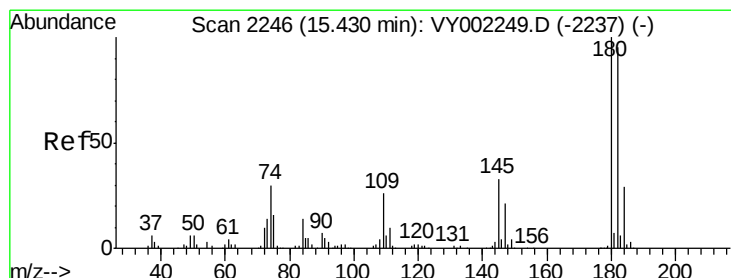
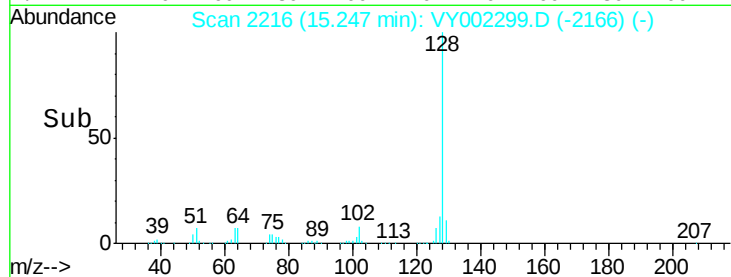
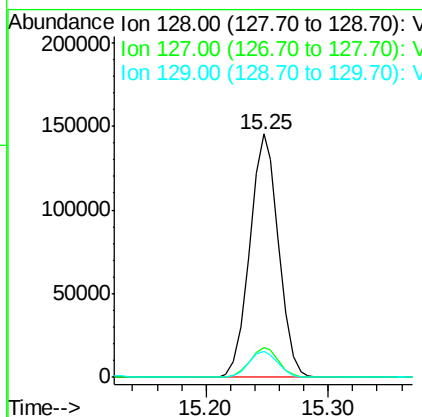
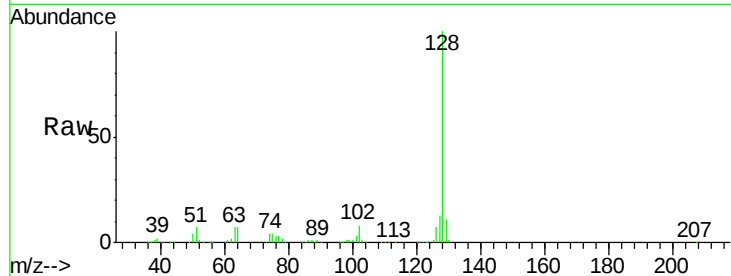
#95  
Naphthalene  
Concen: 47.316 ug/l  
RT: 15.25 min Scan# 2216  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.4  | 10.1  | 15.1  |
| 129     | 11.0  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 47.347 ug/l  
RT: 15.44 min Scan# 2247  
Delta R.T. 0.01 min  
Lab File: VY002299.D  
Acq: 14 Apr 2020 11:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.9  | 47.1  | 141.3 |
| 145     | 32.2  | 16.7  | 50.1  |

