

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071320\  
 Data File : VY003184.D  
 Acq On : 13 Jul 2020 16:24  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/14/2020 11:37:20 AM

Quant Time: Jul 14 04:14:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 10 13:18:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 493978   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 709243   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 651282   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 339481   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.14   | 65  | 199812   | 47.92 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.84% |      |
| 35) Dibromofluoromethane  | 7.72   | 113 | 200695   | 49.17 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.34% |      |
| 50) Toluene-d8            | 10.18  | 98  | 734686   | 48.42 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.84% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 262288   | 47.85 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.70% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 157233  | 44.410  | ug/l | 99     |
| 3) Chloromethane              | 2.11 | 50  | 226044  | 46.029  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.25 | 62  | 233753  | 46.391  | ug/l | 97     |
| 5) Bromomethane               | 2.66 | 94  | 176172  | 47.072  | ug/l | 95     |
| 6) Chloroethane               | 2.80 | 64  | 155538  | 46.998  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 343752  | 47.771  | ug/l | 98     |
| 8) Diethyl Ether              | 3.54 | 74  | 113171  | 46.934  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 214939  | 49.458  | ug/l | 98     |
| 10) Methyl Iodide             | 4.10 | 142 | 227974  | 48.284  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.96 | 59  | 89083   | 197.594 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 201322  | 48.977  | ug/l | 97     |
| 13) Acrolein                  | 3.74 | 56  | 93616   | 239.234 | ug/l | 97     |
| 14) Allyl chloride            | 4.49 | 41  | 306591  | 50.266  | ug/l | 99     |
| 15) Acrylonitrile             | 5.18 | 53  | 264405  | 228.274 | ug/l | 99     |
| 16) Acetone                   | 3.96 | 43  | 213992  | 229.776 | ug/l | 97     |
| 17) Carbon Disulfide          | 4.20 | 76  | 623778  | 49.453  | ug/l | 99     |
| 18) Methyl Acetate            | 4.49 | 43  | 114447  | 44.250  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 550644  | 47.802  | ug/l | 100    |
| 20) Methylene Chloride        | 4.73 | 84  | 236725  | 50.584  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 227087  | 48.844  | ug/l | 97     |
| 22) Diisopropyl ether         | 6.13 | 45  | 685725  | 50.656  | ug/l | 98     |
| 23) Vinyl Acetate             | 6.07 | 43  | 2200322 | 243.868 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.03 | 63  | 397038  | 50.626  | ug/l | 99     |
| 25) 2-Butanone                | 6.99 | 43  | 343707  | 224.774 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 352058  | 49.847  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96  | 257229  | 50.250  | ug/l | 100    |
| 28) Bromochloromethane        | 7.34 | 49  | 163606  | 48.184  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.35 | 42  | 229445  | 223.361 | ug/l | 100    |
| 30) Chloroform                | 7.51 | 83  | 403497  | 49.954  | ug/l | 100    |
| 31) Cyclohexane               | 7.79 | 56  | 359328  | 47.382  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 363681  | 50.013  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.92 | 75  | 322136  | 50.114  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.08 | 43  | 162142  | 46.839  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 335302  | 50.527  | ug/l | 98     |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 7/14/2020 11:37:20 AM

Quant Time: Jul 14 04:14:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 10 13:18:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 404629   | 50.108  | ug/l  | 99       |
| 40) Benzene                    | 8.16  | 78   | 886198   | 50.069  | ug/l  | 97       |
| 41) Methacrylonitrile          | 7.33  | 41   | 101873m  | 48.862  | ug/l  |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 264450   | 48.532  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 311827   | 46.537  | ug/l  | 99       |
| 44) Trichloroethene            | 8.94  | 130  | 266272   | 49.075  | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 231715   | 50.595  | ug/l  | 99       |
| 46) Dibromomethane             | 9.31  | 93   | 129630   | 48.461  | ug/l  | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 319556   | 50.230  | ug/l  | 100      |
| 48) Methyl methacrylate        | 9.30  | 41   | 143036   | 47.749  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 32433    | 955.338 | ug/l  | 88       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 803433   | 230.687 | ug/l  | 100      |
| 52) Toluene                    | 10.25 | 92   | 564148   | 49.867  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 329620   | 50.007  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 379681   | 49.993  | ug/l  | 96       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 181696   | 47.935  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 252111   | 48.922  | ug/l  | 97       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 309006   | 48.079  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 624302   | 237.542 | ug/l  | 100      |
| 59) 2-Hexanone                 | 10.83 | 43   | 554221   | 227.959 | ug/l  | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 232721   | 48.814  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 176846   | 47.272  | ug/l  | 99       |
| 64) Tetrachloroethene          | 10.72 | 164  | 282855   | 48.709  | ug/l  | 99       |
| 65) Chlorobenzene              | 11.52 | 112  | 624572   | 49.780  | ug/l  | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 244792   | 50.234  | ug/l  | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 1127113  | 50.313  | ug/l  | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 859164   | 101.079 | ug/l  | 100      |
| 69) o-Xylene                   | 12.03 | 106  | 400721   | 50.464  | ug/l  | 99       |
| 70) Styrene                    | 12.05 | 104  | 691459   | 50.902  | ug/l  | 99       |
| 71) Bromoform                  | 12.21 | 173  | 152187   | 47.584  | ug/l  | 98       |
| 73) Isopropylbenzene           | 12.33 | 105  | 1097530  | 50.732  | ug/l  | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 295907   | 48.747  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 197191   | 47.194  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 156428m  | 52.056  | ug/l  |          |
| 77) Bromobenzene               | 12.61 | 156  | 277979   | 50.408  | ug/l  | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 1311755  | 51.439  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 723470   | 50.848  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 922892   | 51.184  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 73256    | 47.444  | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 762433   | 51.340  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 807461   | 50.752  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 930115   | 51.268  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 1129722  | 51.663  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 1044601  | 51.162  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 520579   | 49.920  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 515277   | 49.908  | ug/l  | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 990675   | 51.584  | ug/l  | 100      |
| 90) Hexachloroethane           | 13.96 | 117  | 193473   | 52.033  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 458816   | 50.135  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 28579    | 42.190  | ug/l  | 95       |

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Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Fri Jul 10 13:18:03 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 315237   | 48.420 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 224587   | 50.344 | ug/l  | 99       |
| 95) Naphthalene            | 15.24 | 128  | 488402   | 45.392 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180  | 235326   | 45.726 | ug/l  | 98       |

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

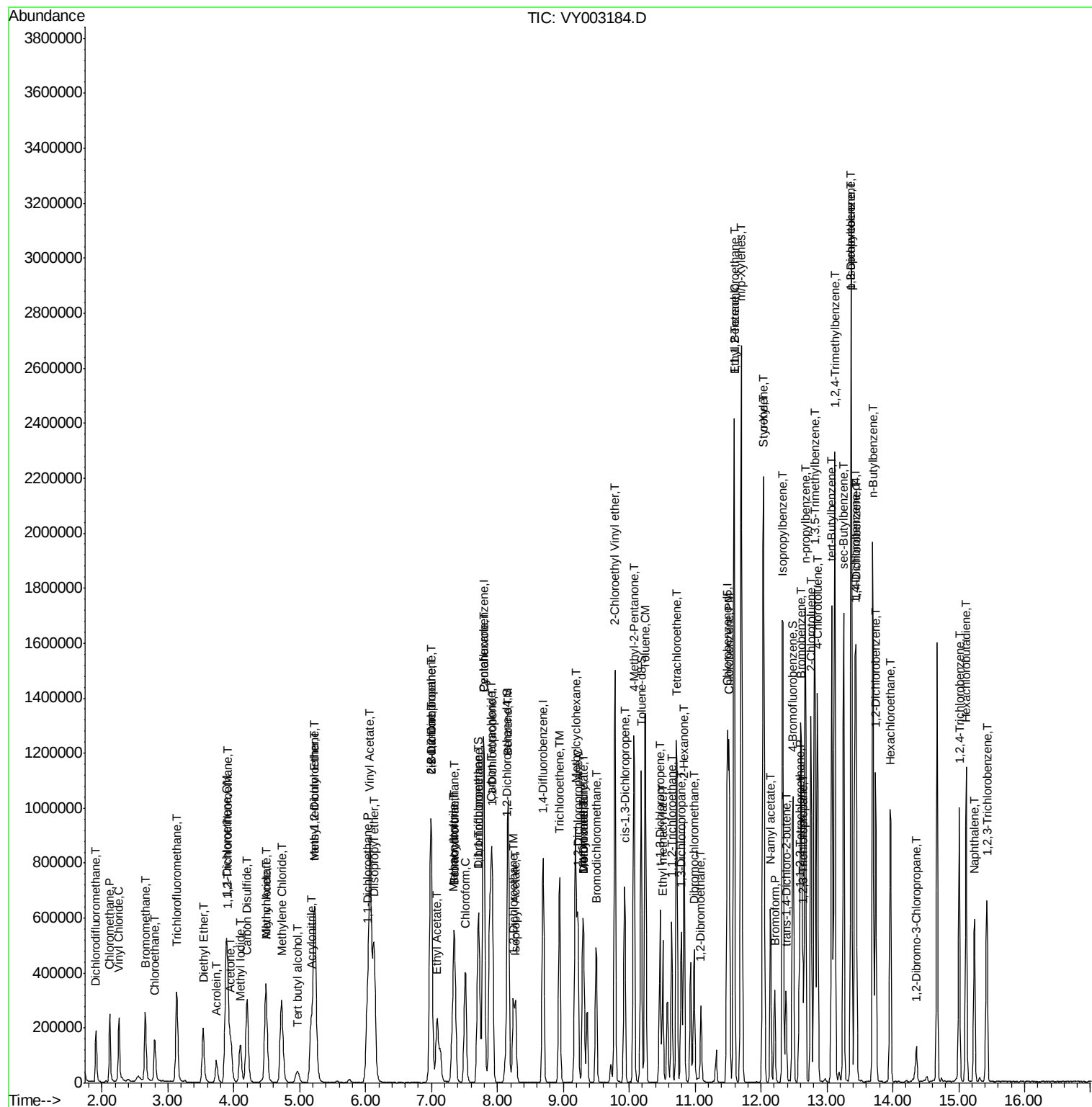
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Data File : VY003184.D  
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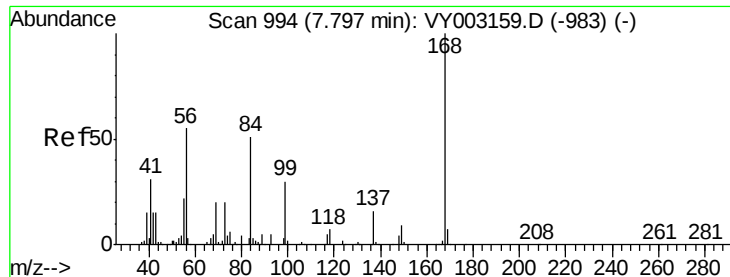
Instrument :  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 493978

Ion Ratio Lower Upper

168 100

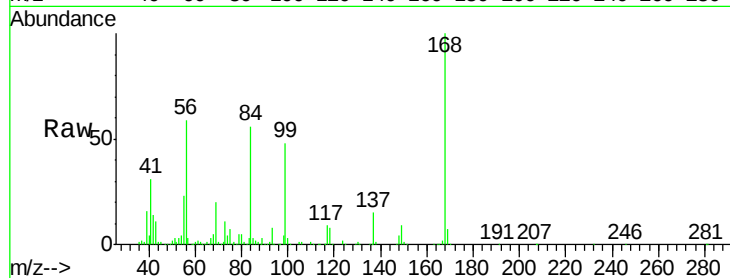
99 47.5 37.3 55.9

Manual Integrations

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7/14/2020 11:37:20 AM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

150000

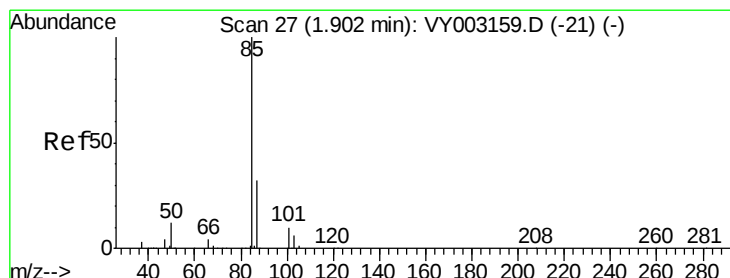
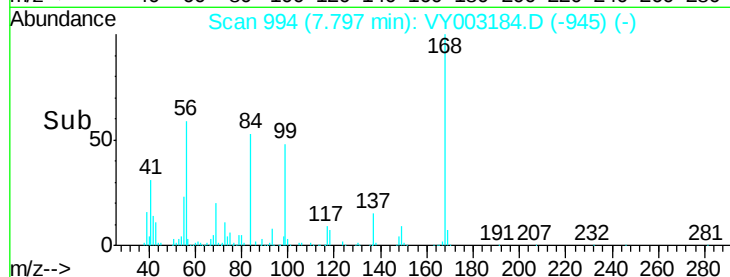
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.410 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003184.D

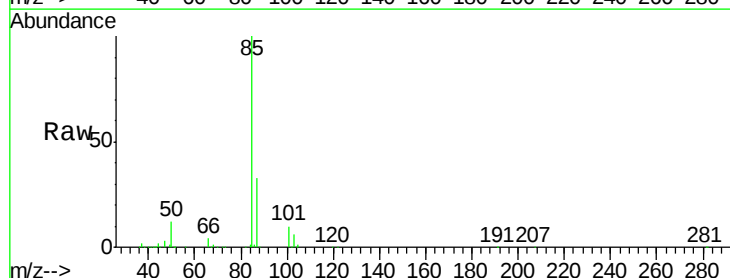
Acq: 13 Jul 2020 16:24

Tgt Ion: 85 Resp: 157233

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

120000

100000

80000

60000

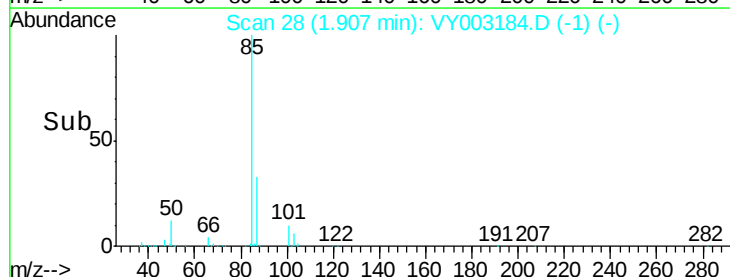
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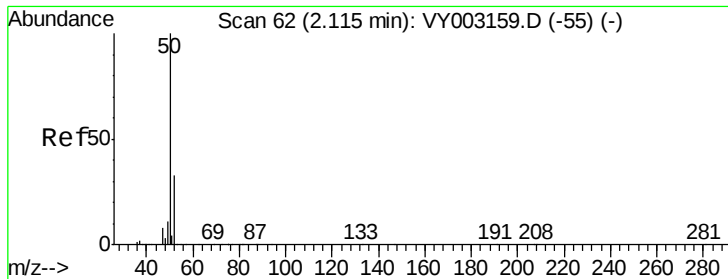
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.029 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 226044

Ion Ratio Lower Upper

50 100

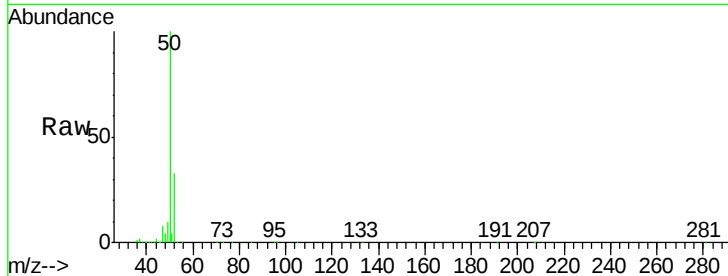
52 33.1 26.6 39.8

Manual Integrations

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7/14/2020 11:37:20 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

150000

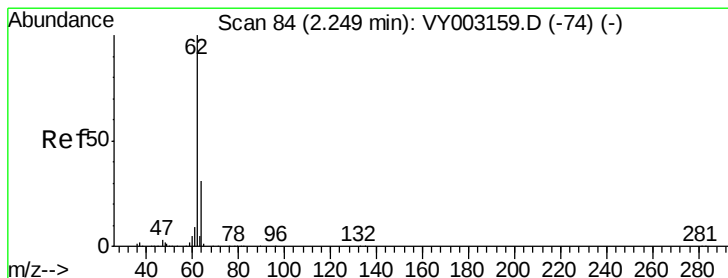
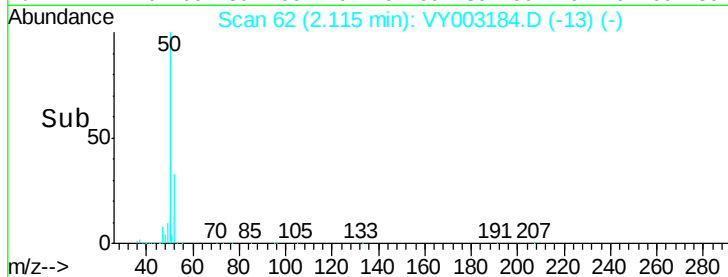
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50000

0

2.10 2.20

Time-->



#4

Vinyl Chloride

Concen: 46.391 ug/l

RT: 2.25 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003184.D

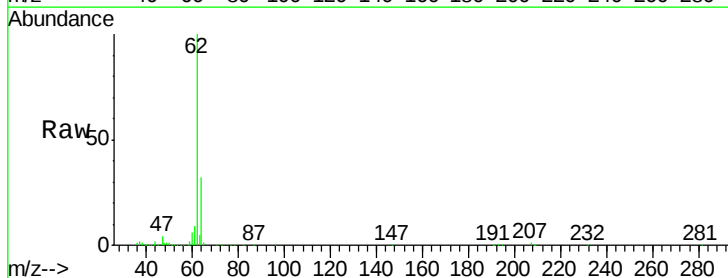
Acq: 13 Jul 2020 16:24

Tgt Ion: 62 Resp: 233753

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

150000

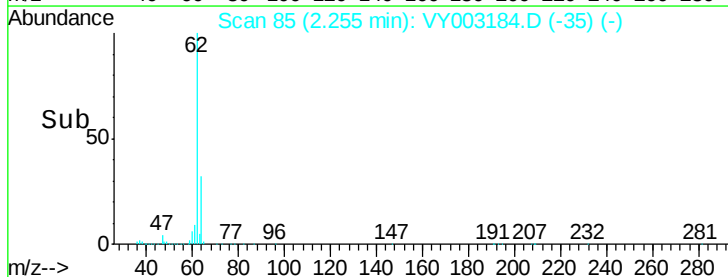
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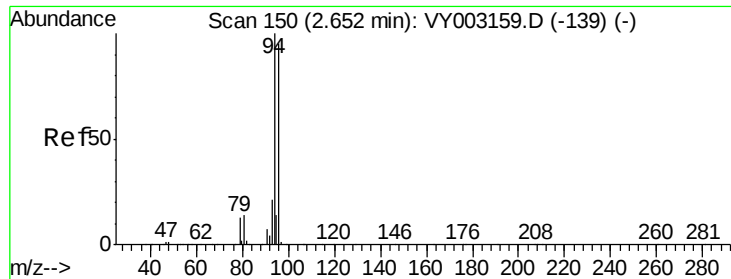
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0

2.20 2.30 2.40

Time-->





#5

Bromomethane

Concen: 47.072 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 176172

Ion Ratio Lower Upper

94 100

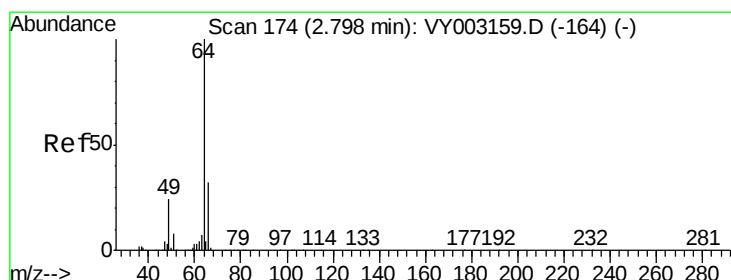
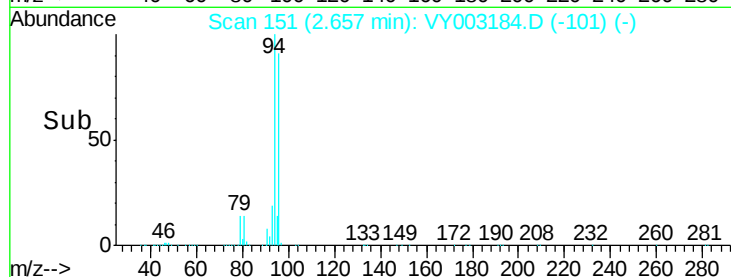
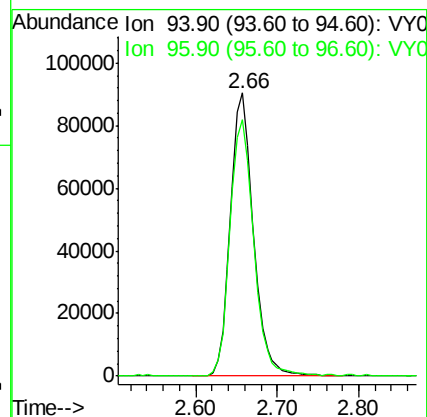
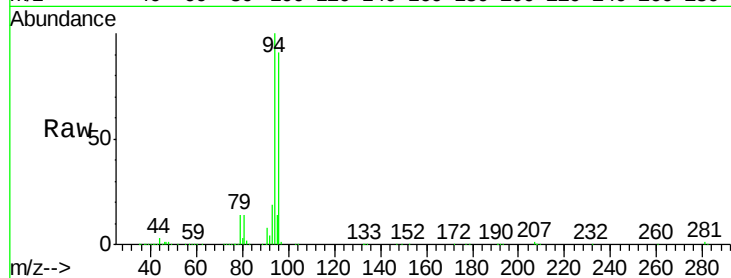
96 90.3 76.0 114.0

Manual Integrations

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7/14/2020 11:37:20 AM



#6

Chloroethane

Concen: 46.998 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003184.D

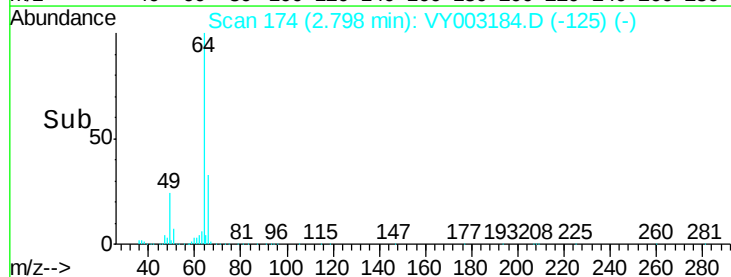
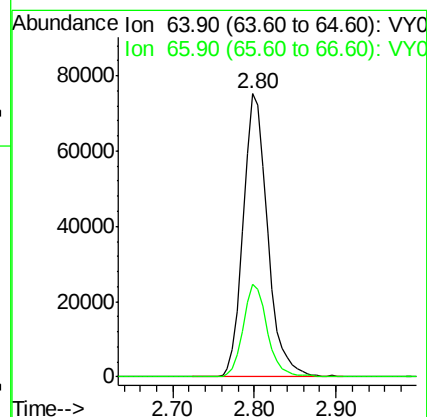
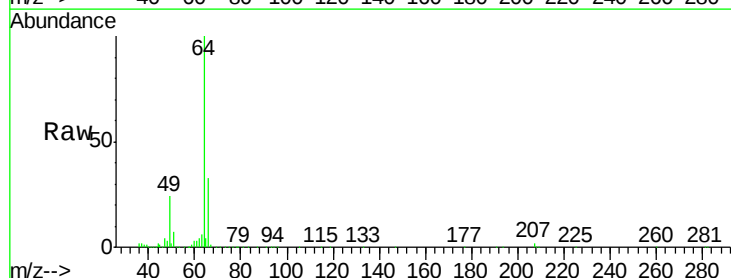
Acq: 13 Jul 2020 16:24

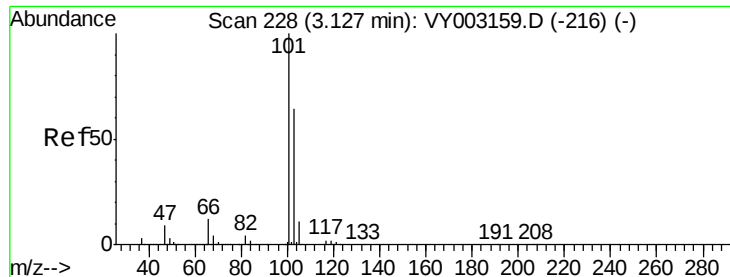
Tgt Ion: 64 Resp: 155538

Ion Ratio Lower Upper

64 100

66 32.8 26.0 39.0





#7

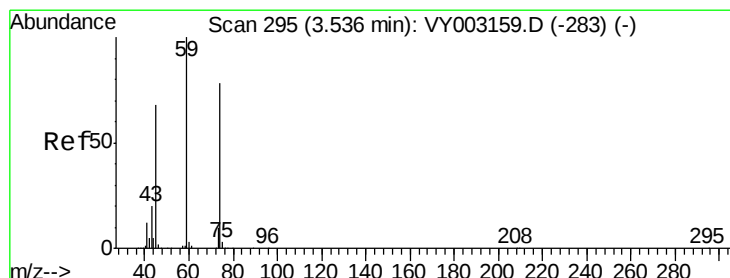
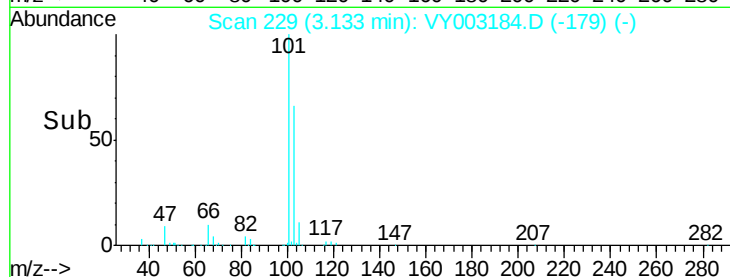
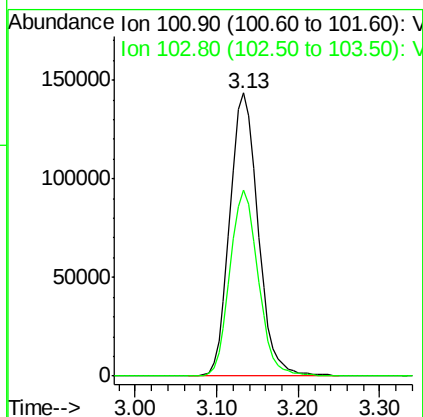
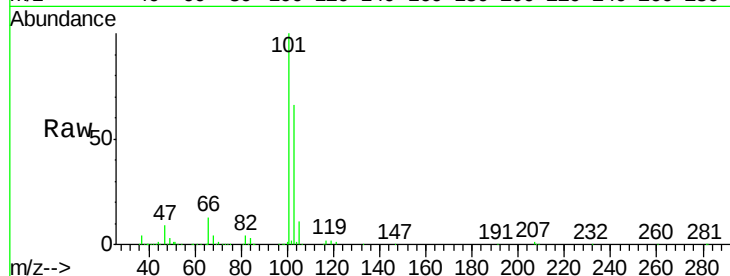
Trichlorofluoromethane  
Concen: 47.771 ug/l  
RT: 3.13 min Scan# 229  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.9  | 51.3  | 76.9  |

Manual Integrations  
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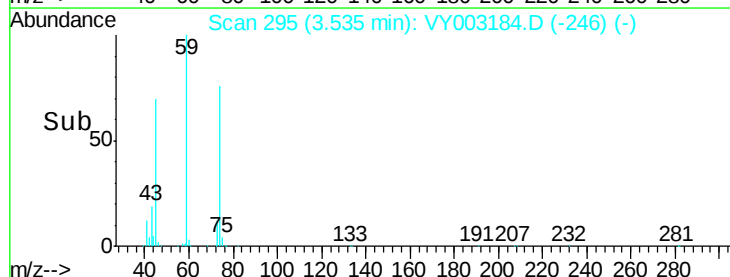
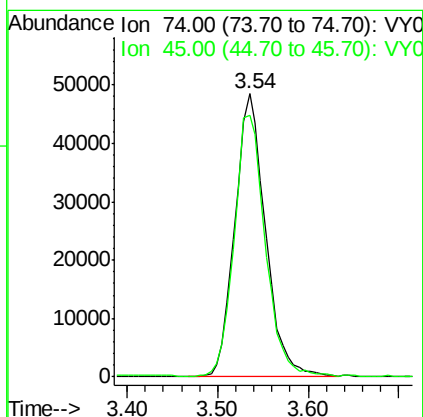
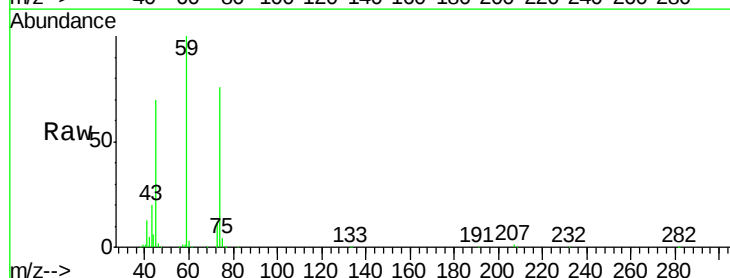
MMDadoda  
7/14/2020 11:37:20 AM

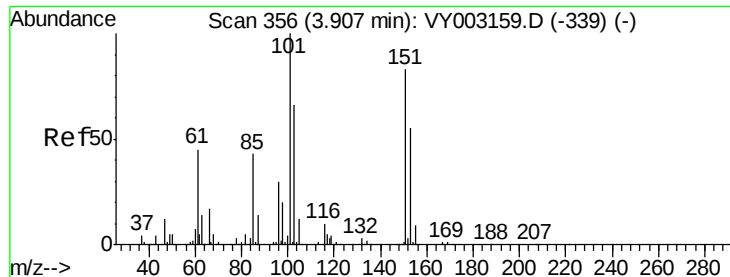


#8

Diethyl Ether  
Concen: 46.934 ug/l  
RT: 3.54 min Scan# 295  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.2  | 45.3  | 135.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.458 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

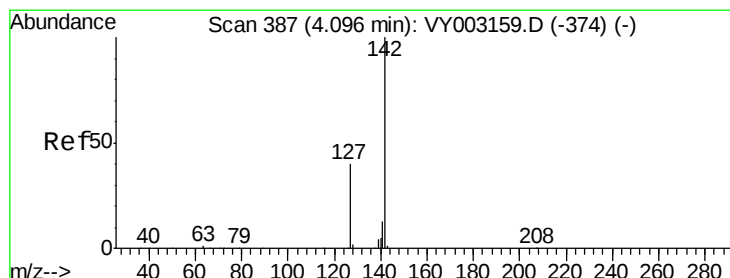
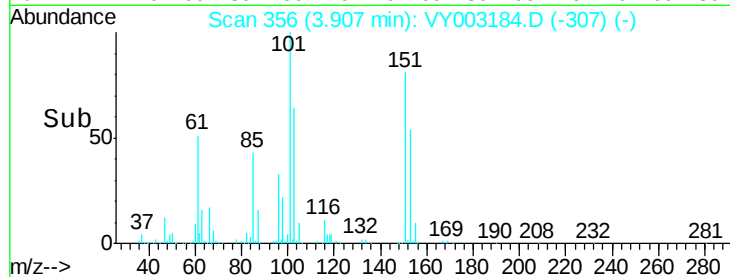
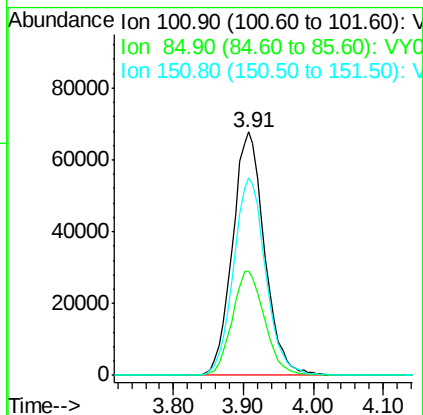
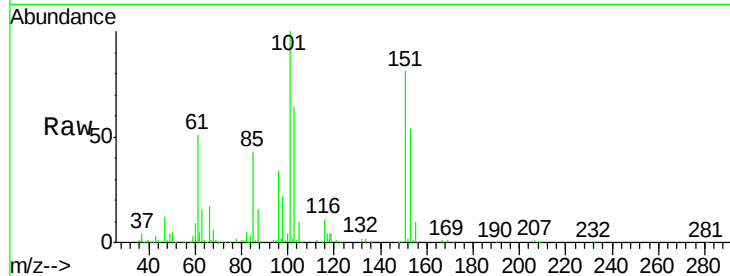
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 214939 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.4  | 34.9  | 52.3   |
| 151       | 81.7  | 67.0  | 100.6  |

Manual Integrations  
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7/14/2020 11:37:20 AM



#10

Methyl Iodide

Concen: 48.284 ug/l

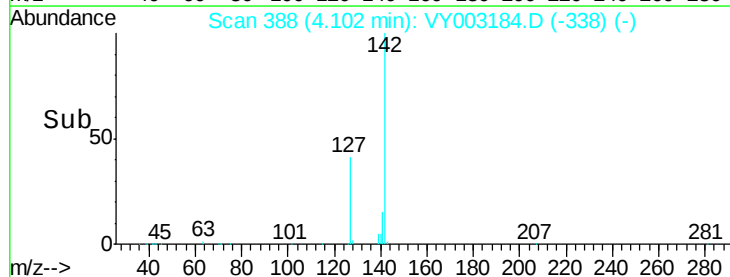
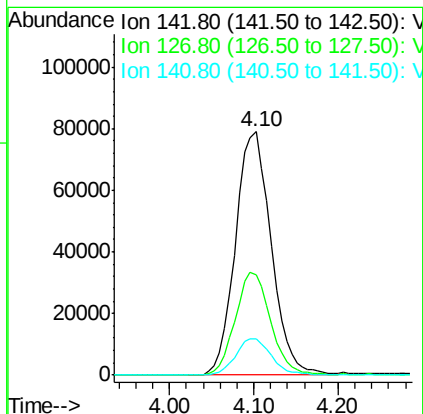
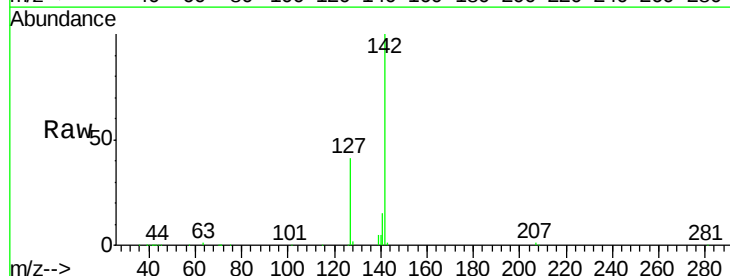
RT: 4.10 min Scan# 388

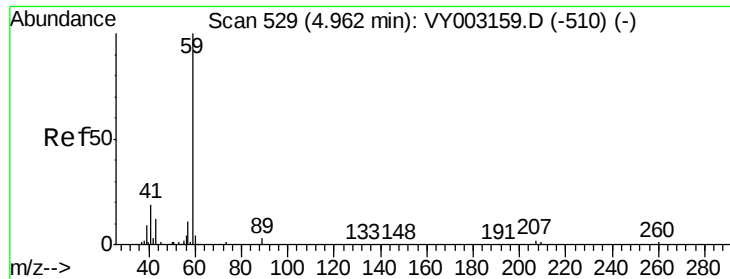
Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 227974 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.7  | 33.5  | 50.3   |
| 141       | 15.0  | 11.2  | 16.8   |





#11

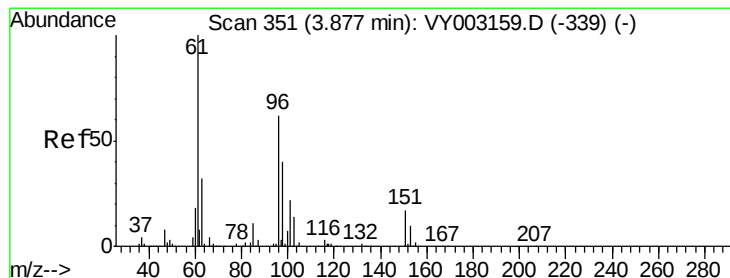
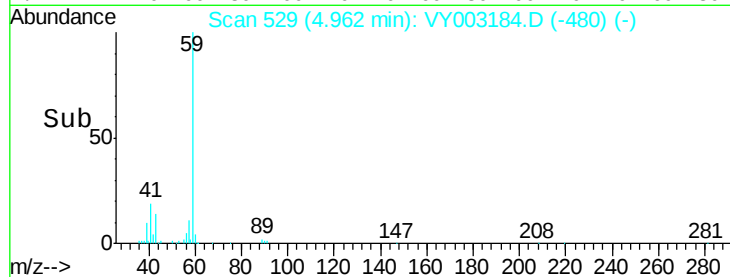
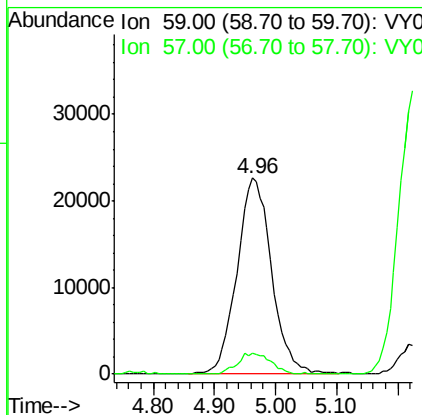
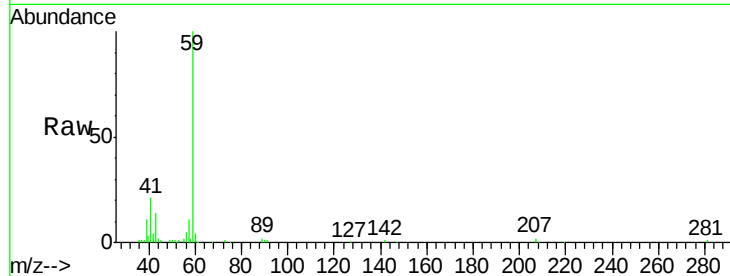
Tert butyl alcohol  
Concen: 197.594 ug/l  
RT: 4.96 min Scan# 529  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 59   | Resp  | 89083 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.5 | 8.4   | 12.6  |

Manual Integrations  
APPROVED

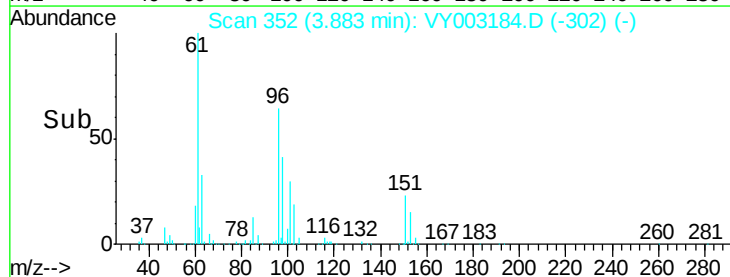
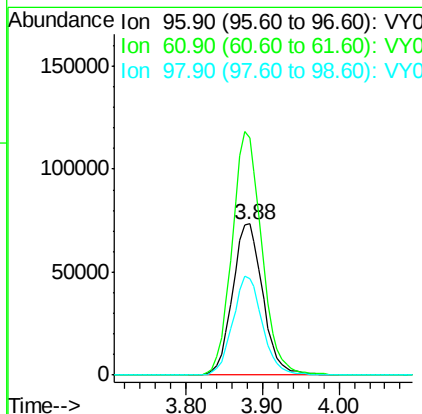
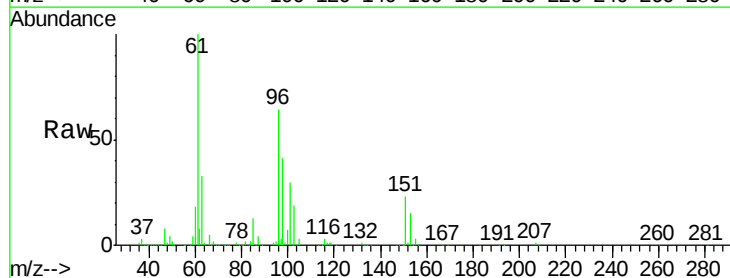
MMDadoda  
7/14/2020 11:37:20 AM

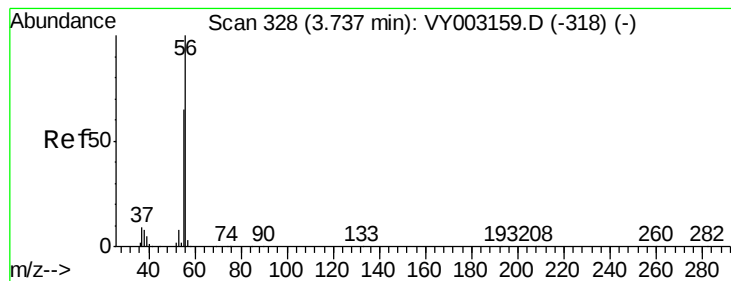


#12

1,1-Dichloroethene  
Concen: 48.977 ug/l  
RT: 3.88 min Scan# 352  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion   | 96    | Resp  | 201322 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 156.4 | 128.6 | 193.0  |
| 98        | 63.5  | 51.6  | 77.4   |





#13

Acrolein

Concen: 239.234 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 93616

Ion Ratio Lower Upper

56 100

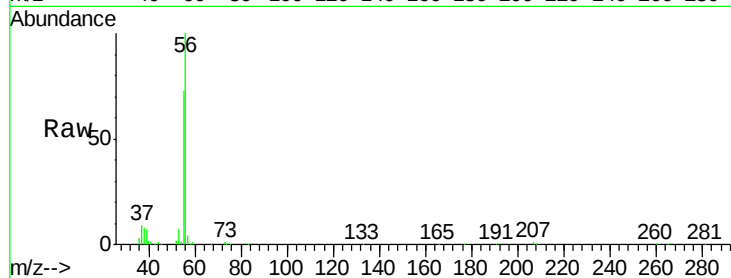
55 72.7 56.0 84.0

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

40000

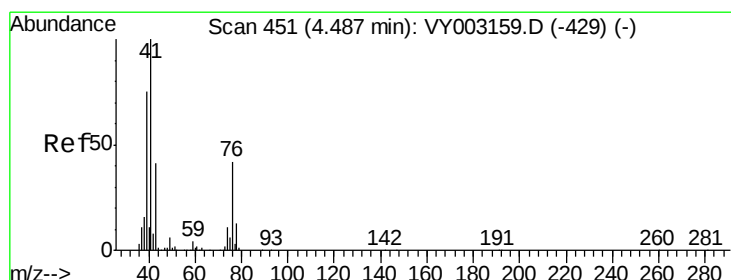
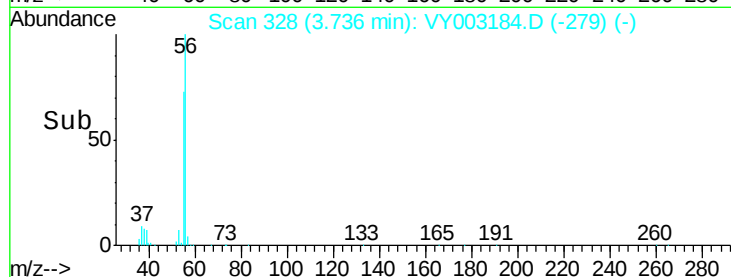
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 50.266 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

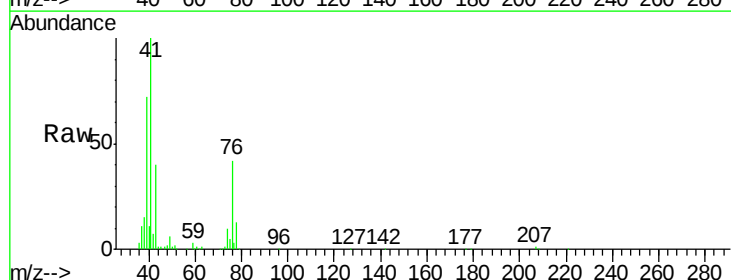
Tgt Ion: 41 Resp: 306591

Ion Ratio Lower Upper

41 100

39 72.1 56.6 85.0

76 40.0 31.6 47.4



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

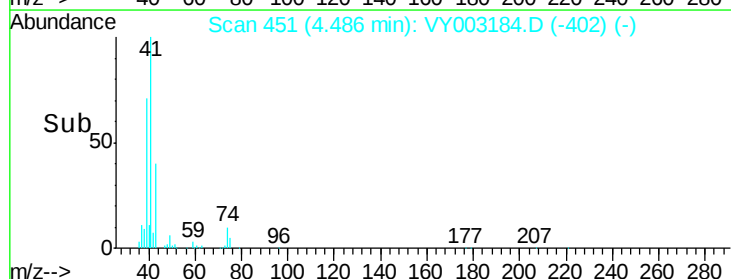
Ion 75.90 (75.60 to 76.60): VY0

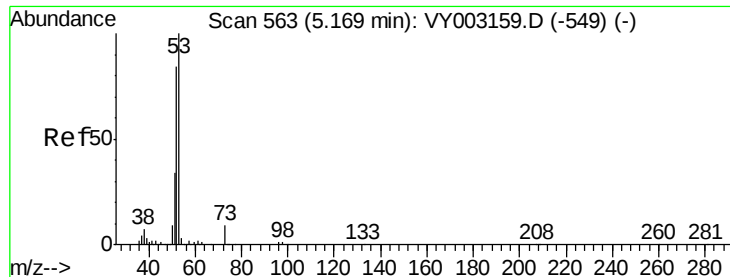
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 228.274 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

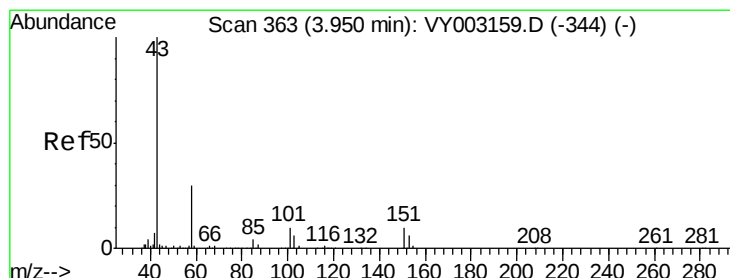
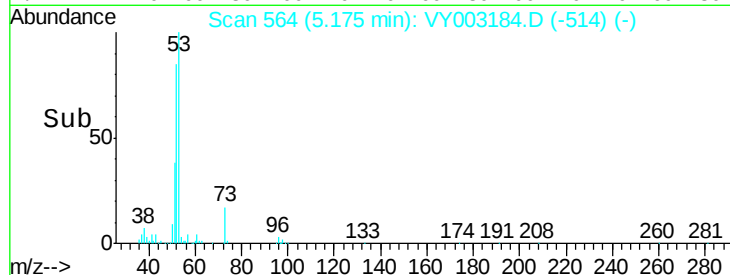
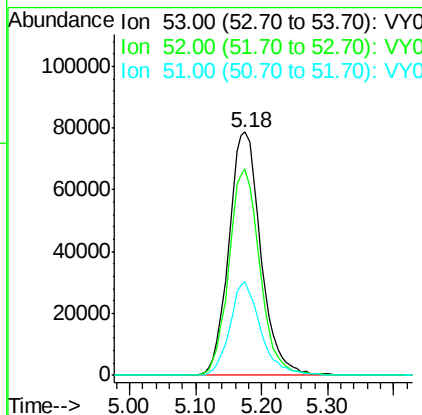
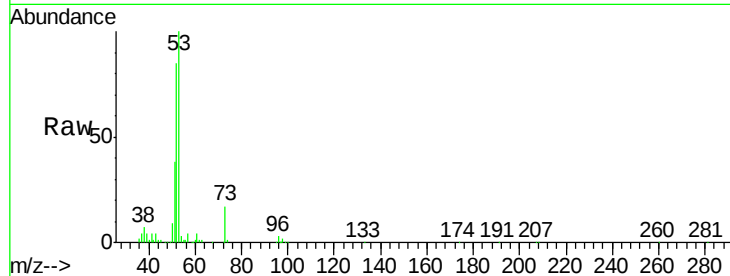
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 264405 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.9  | 65.8  | 98.6   |
| 51        | 37.0  | 29.0  | 43.4   |

Manual Integrations  
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7/14/2020 11:37:20 AM



#16

Acetone

Concen: 229.776 ug/l

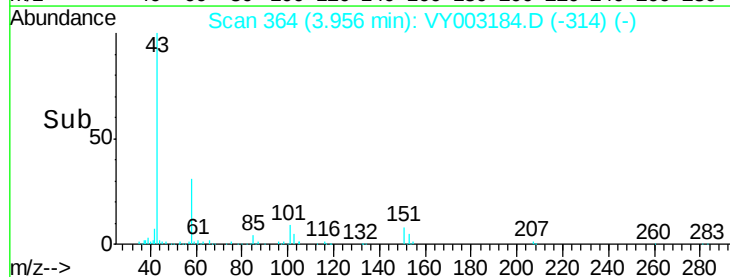
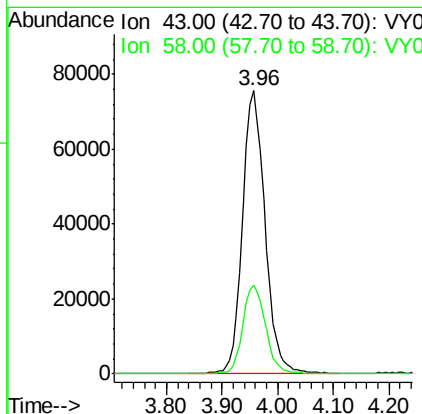
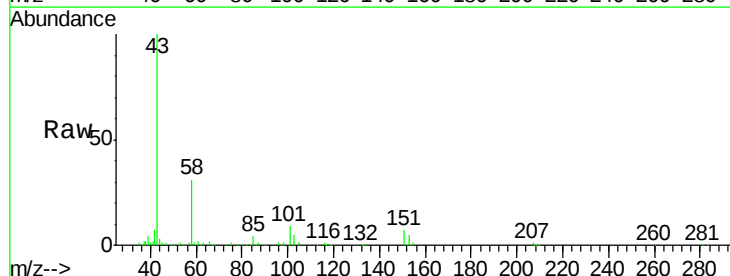
RT: 3.96 min Scan# 364

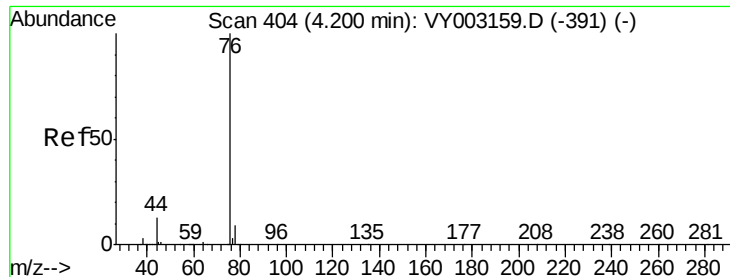
Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 213992 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 31.5  | 23.8  | 35.6   |





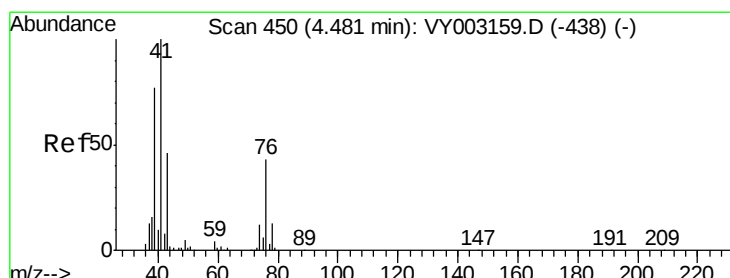
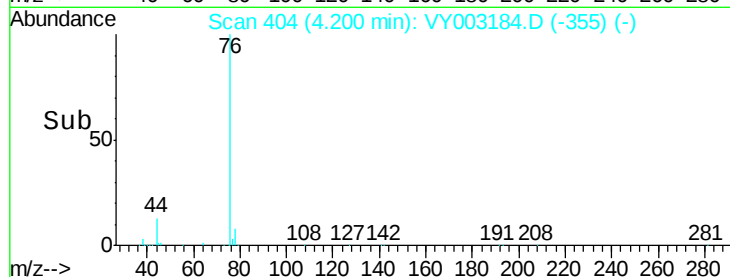
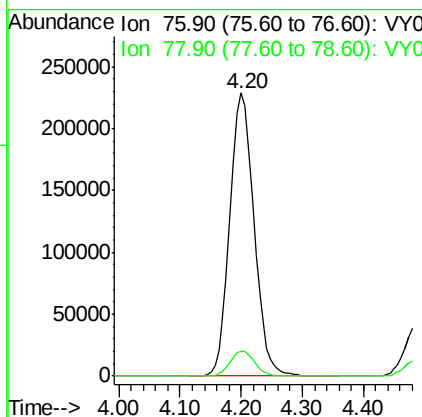
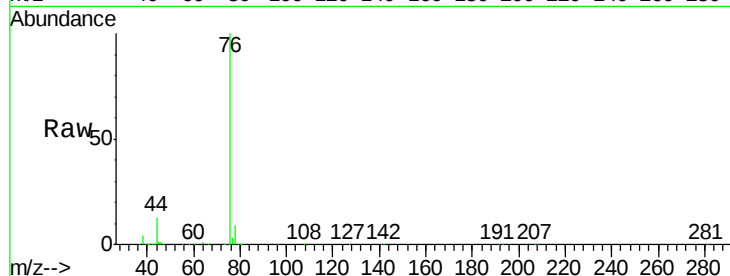
#17  
Carbon Disulfide  
Concen: 49.453 ug/l  
RT: 4.20 min Scan# 404  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.6   | 7.3   | 10.9  |

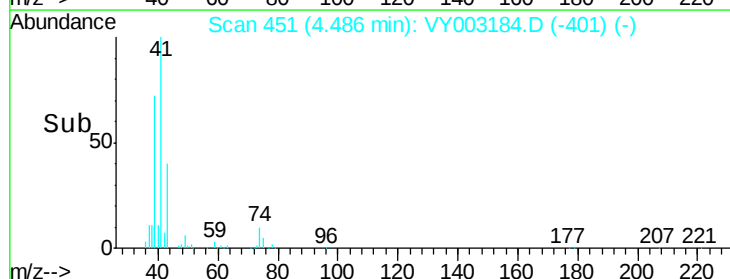
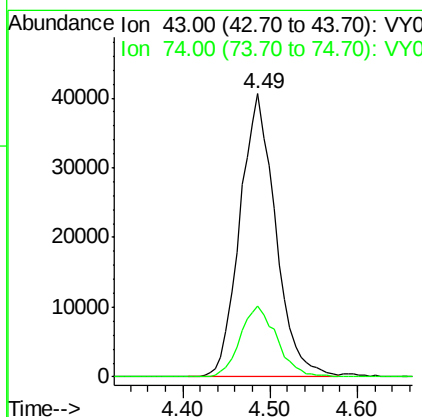
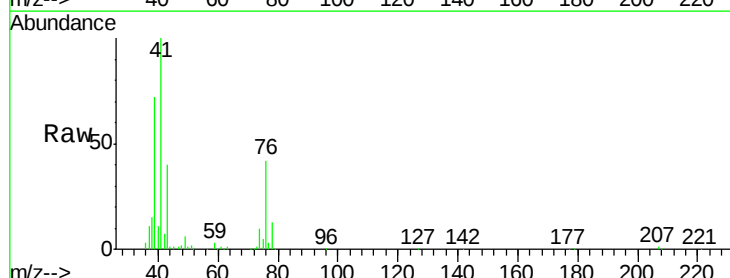
Manual Integrations  
APPROVED

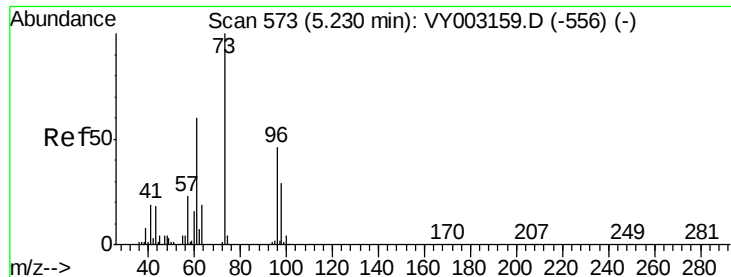
MMDadoda  
7/14/2020 11:37:20 AM



#18  
Methyl Acetate  
Concen: 44.250 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.9  | 20.8  | 31.2  |





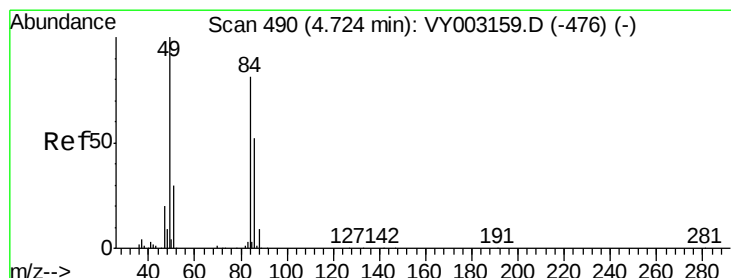
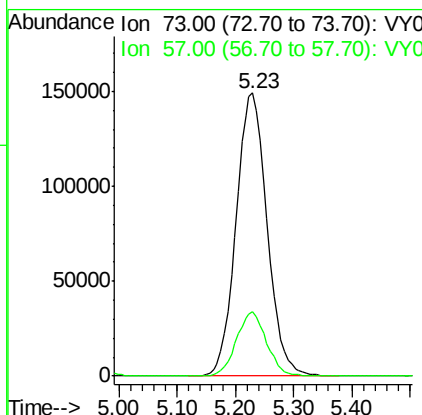
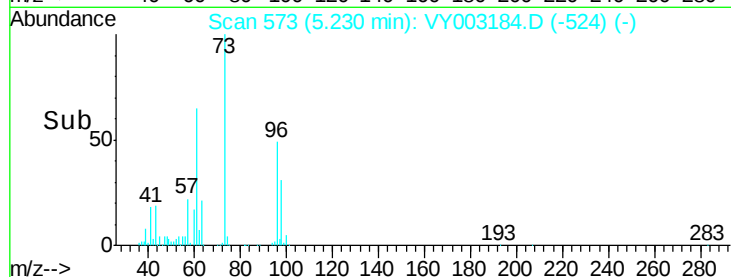
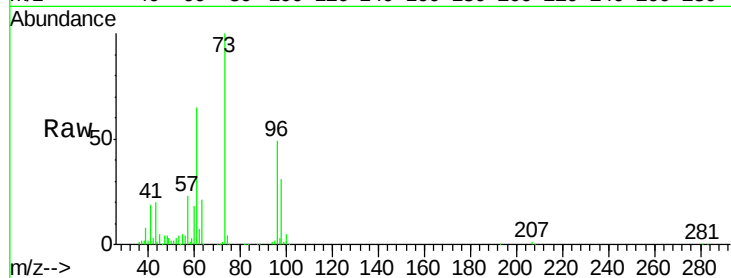
#19  
Methvl tert-butvl Ether  
Concen: 47.802 ug/l  
RT: 5.23 min Scan# 573  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 550644  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.1 27.1

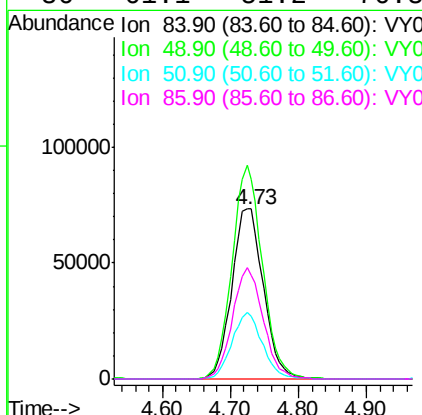
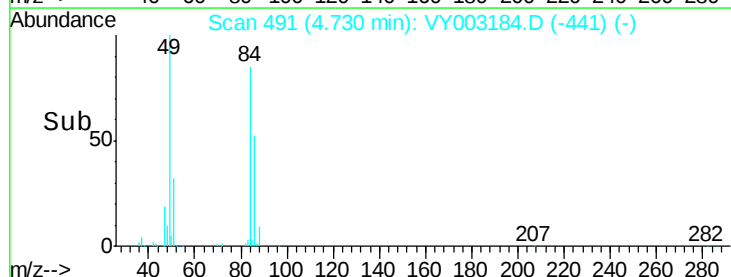
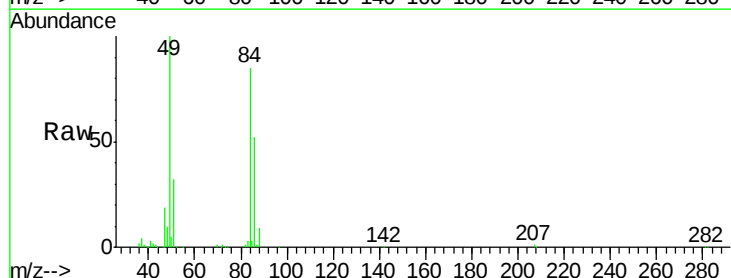
Manual Integrations  
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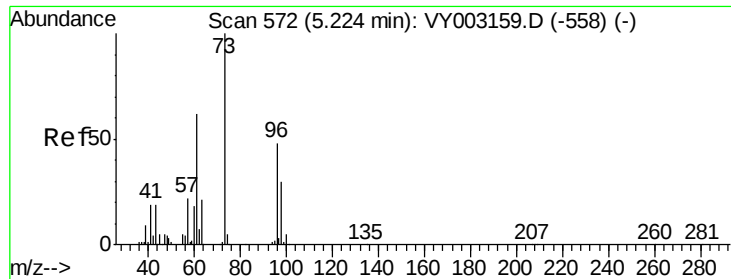
MMDadoda  
7/14/2020 11:37:20 AM



#20  
Methylene Chloride  
Concen: 50.584 ug/l  
RT: 4.73 min Scan# 491  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Tgt Ion: 84 Resp: 236725  
Ion Ratio Lower Upper  
84 100  
49 117.4 98.2 147.4  
51 37.2 29.8 44.6  
86 61.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.844 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

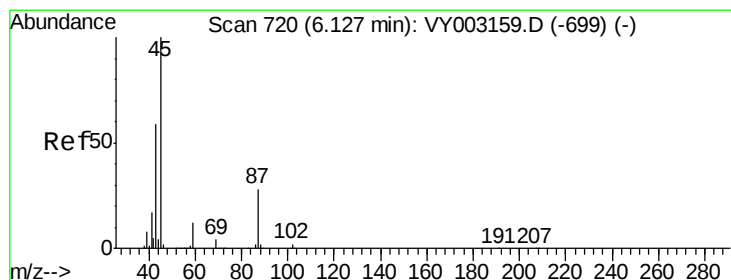
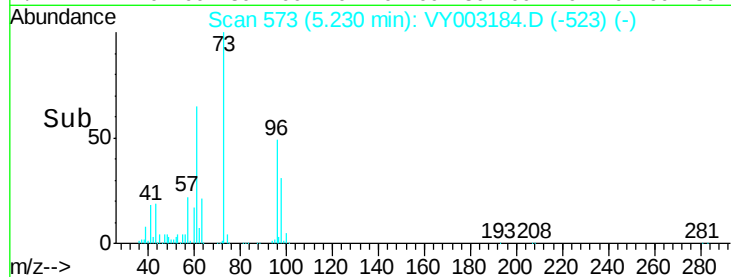
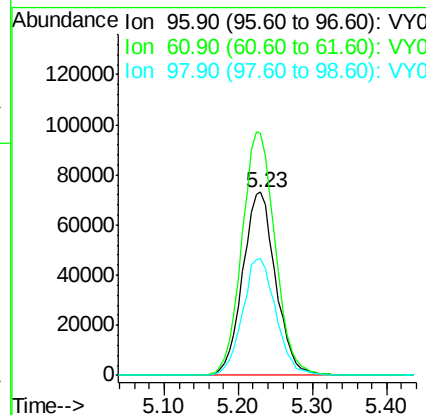
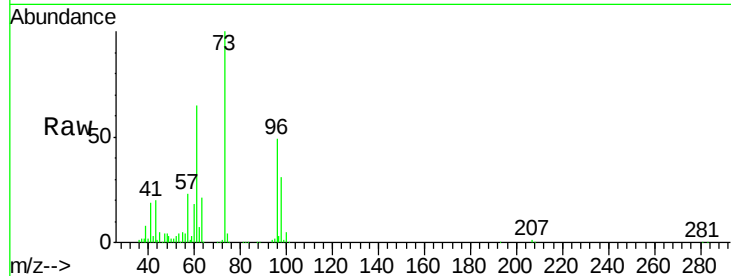
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 227087 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 132.0 | 102.5 | 153.7  |
| 98       | 63.9  | 49.8  | 74.8   |

Manual Integrations  
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7/14/2020 11:37:20 AM



#22

Diisopropyl ether

Concen: 50.656 ug/l

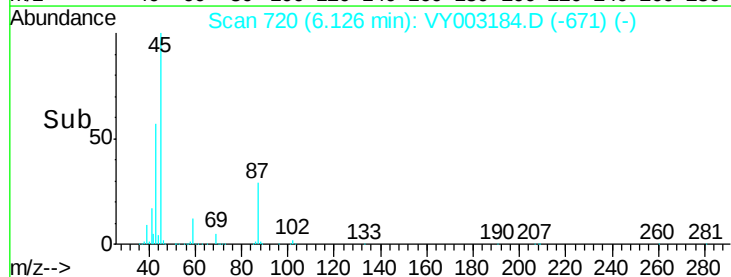
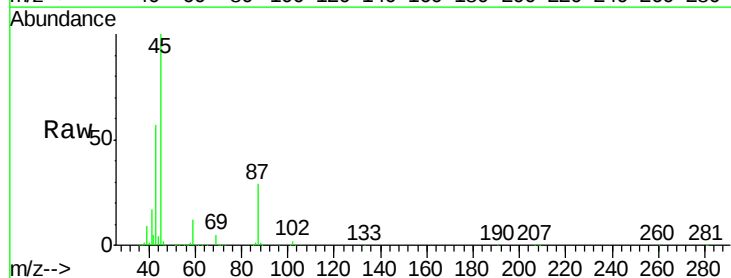
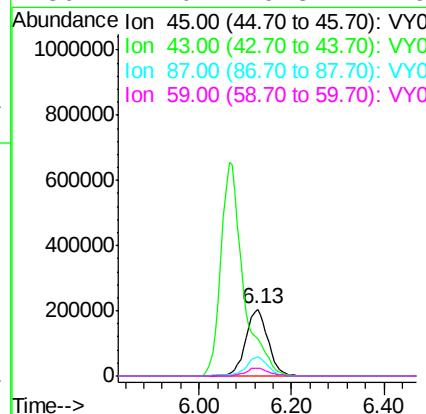
RT: 6.13 min Scan# 720

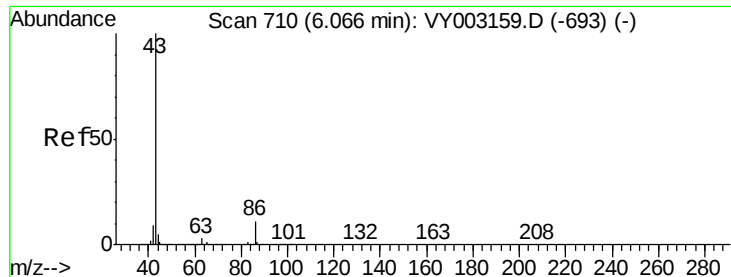
Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 685725 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 56.5  | 47.0  | 70.4   |
| 87       | 29.3  | 22.6  | 33.8   |
| 59       | 12.0  | 9.8   | 14.6   |





#23

Vinyl Acetate

Concen: 243.868 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2200322

Ion Ratio Lower Upper

43 100

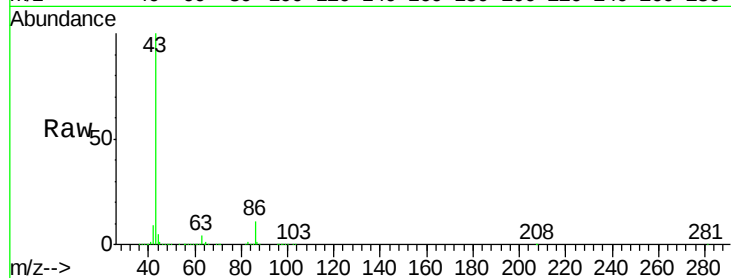
86 11.2 8.8 13.2

Manual Integrations

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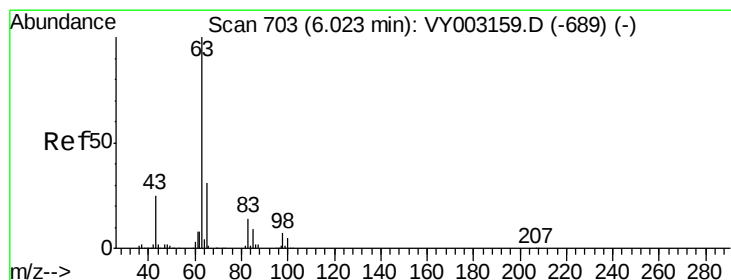
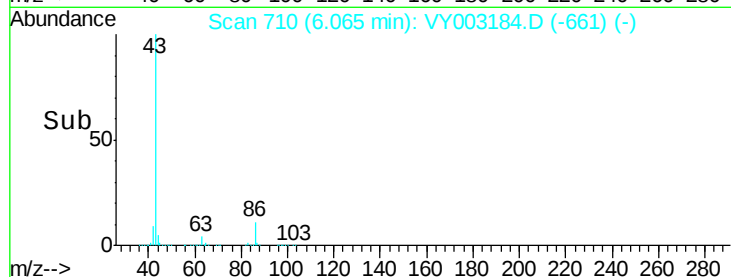
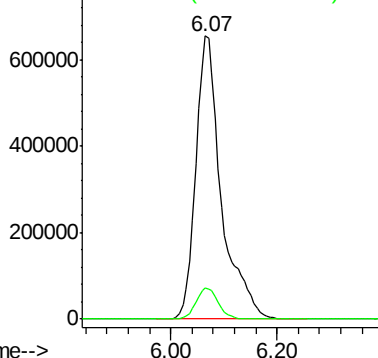
MMDadoda

7/14/2020 11:37:20 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.626 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

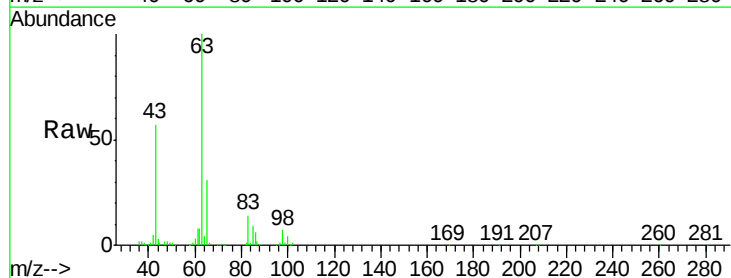
Tgt Ion: 63 Resp: 397038

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

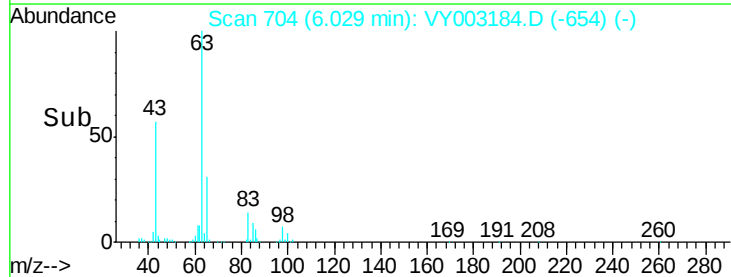
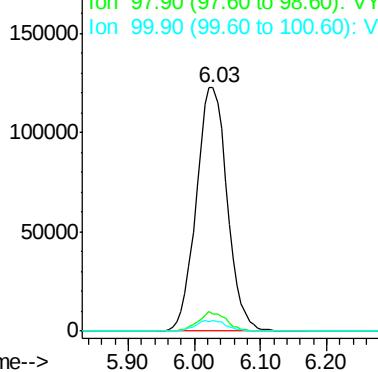
100 4.3 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





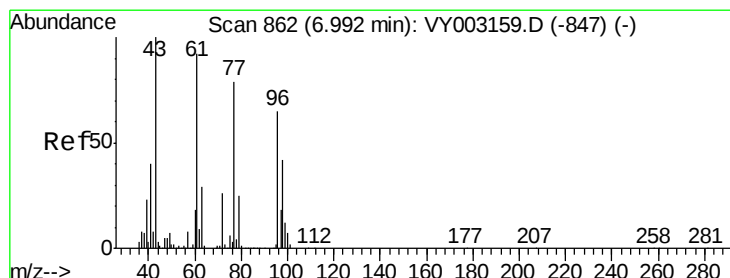
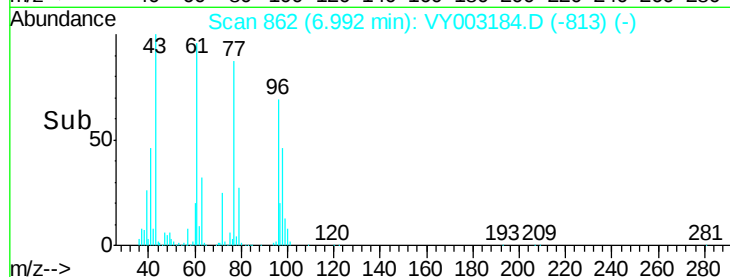
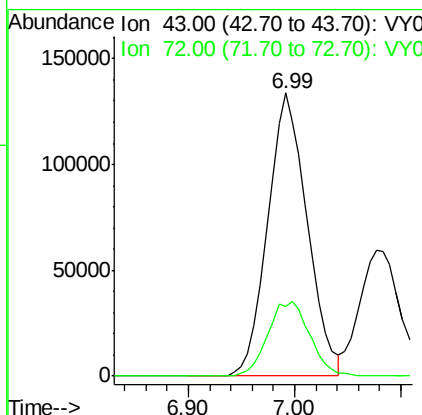
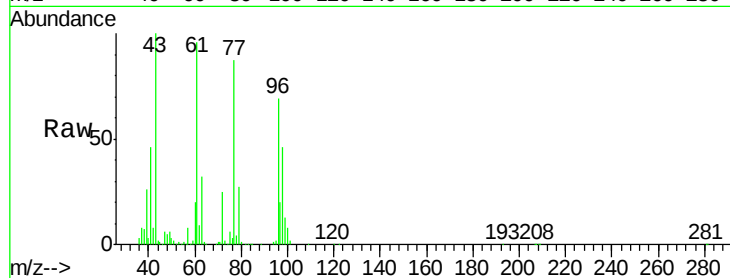
#25  
2-Butanone  
Concen: 224.774 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion   | 43   | Resp  | 343707 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 72        | 24.6 | 20.9  | 31.3   |

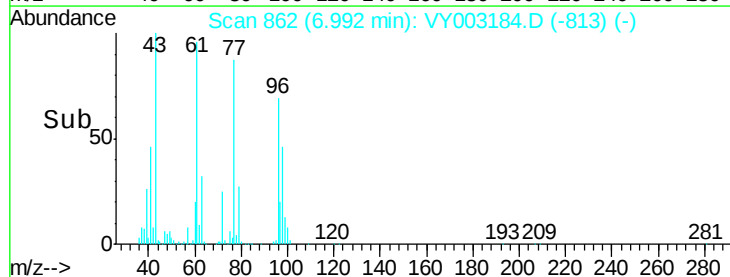
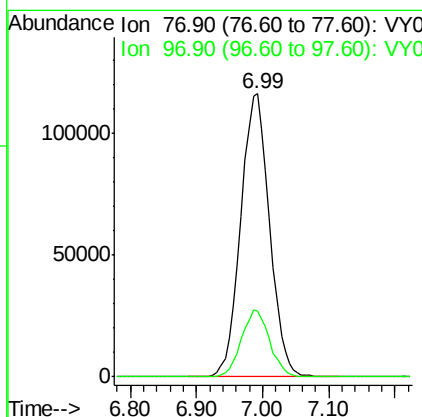
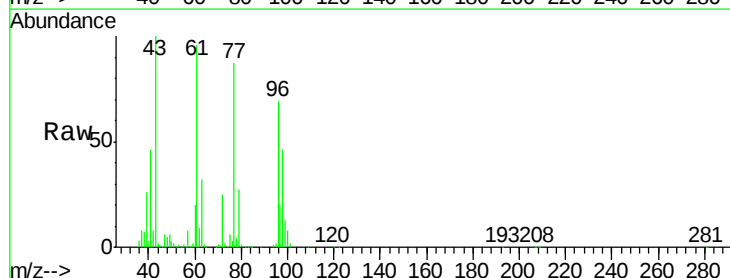
Manual Integrations  
APPROVED

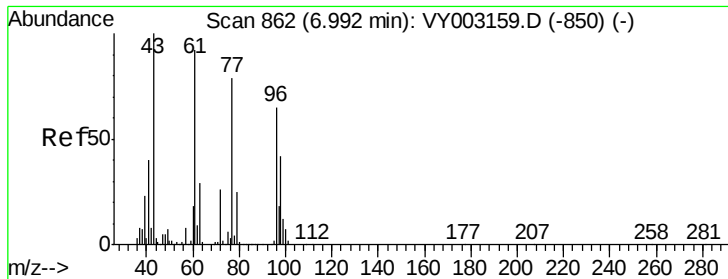
MMDadoda  
7/14/2020 11:37:20 AM



#26  
2,2-Dichloropropane  
Concen: 49.847 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion   | 77   | Resp  | 352058 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 97        | 23.2 | 11.6  | 34.7   |





#27

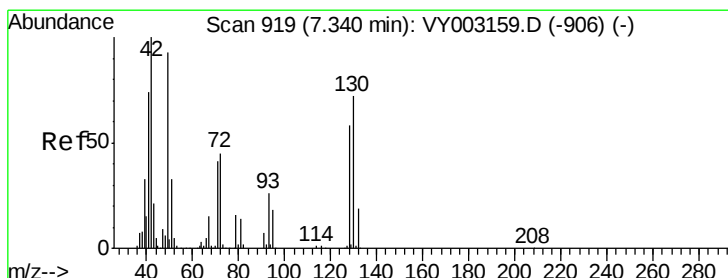
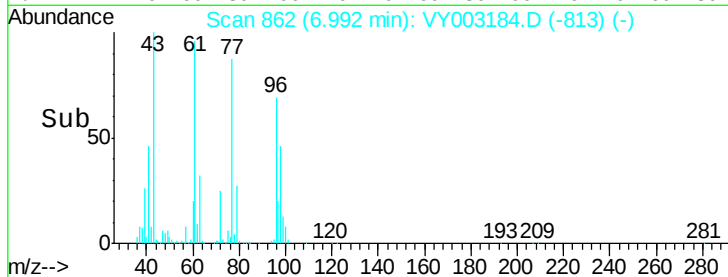
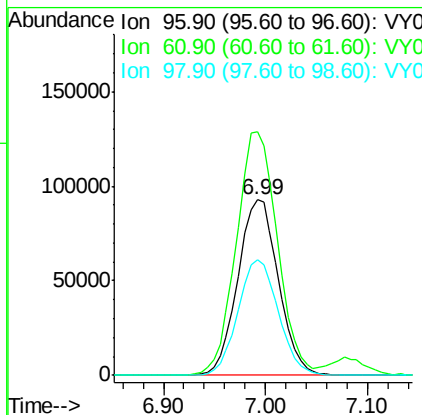
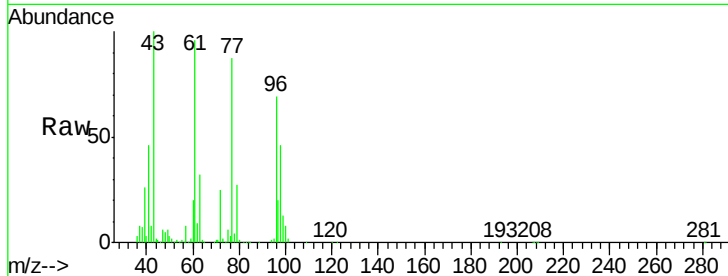
cis-1,2-Dichloroethene  
 Concen: 50.250 ug/l  
 RT: 6.99 min Scan# 862  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.3 | 0.0   | 281.2 |
| 98      | 65.3  | 0.0   | 129.8 |

Manual Integrations  
 APPROVED

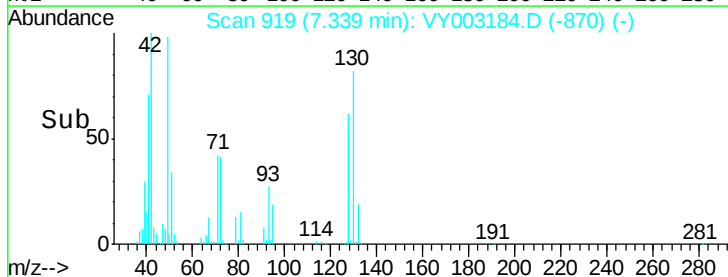
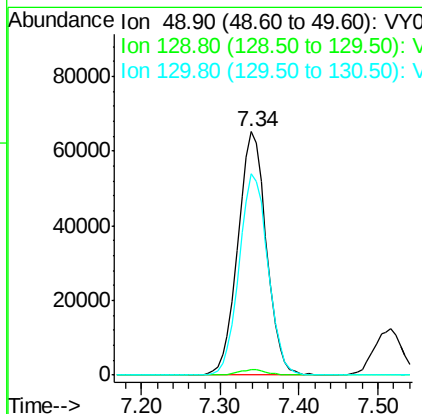
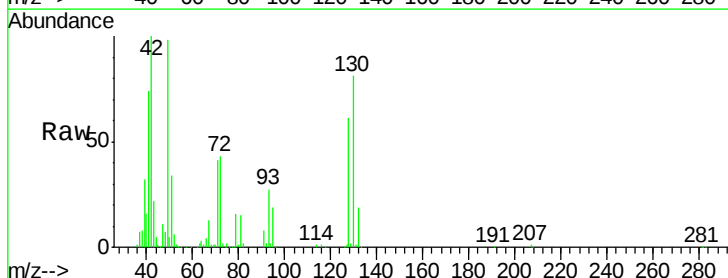
MMDadoda  
 7/14/2020 11:37:20 AM

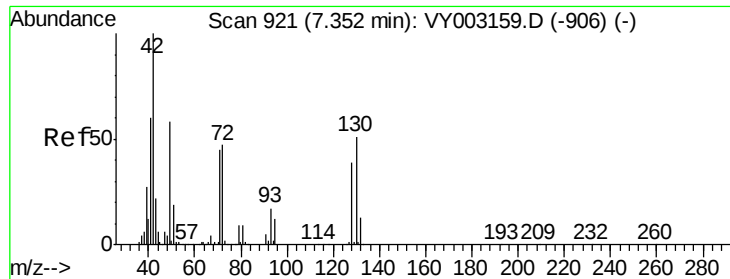


#28

Bromochloromethane  
 Concen: 48.184 ug/l  
 RT: 7.34 min Scan# 919  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 5.0   |
| 130     | 83.6  | 64.9  | 97.3  |





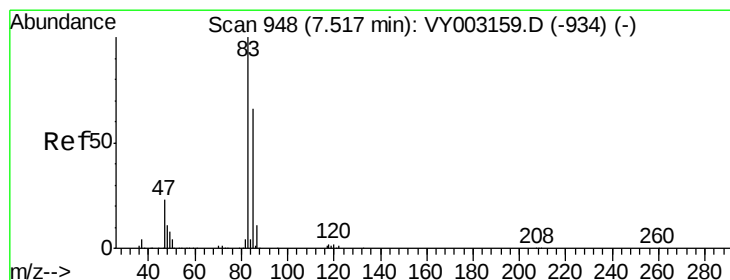
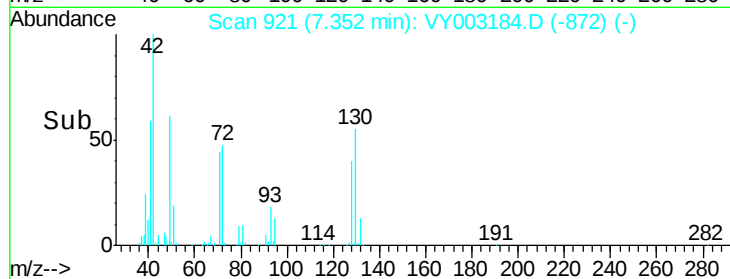
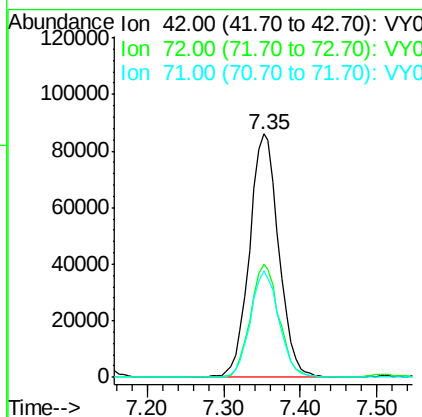
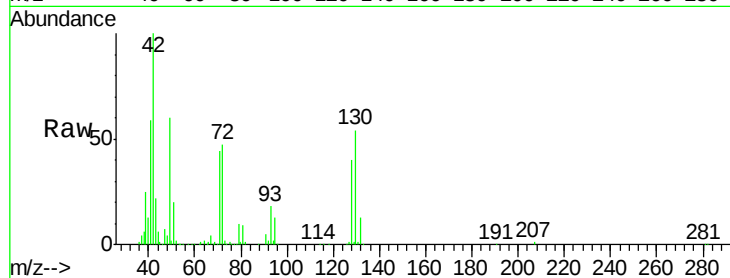
#29  
Tetrahydrofuran  
Concen: 223.361 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.5  | 36.7  | 55.1  |
| 71      | 42.6  | 34.2  | 51.4  |

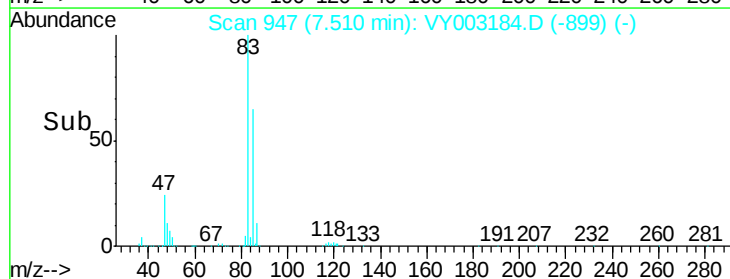
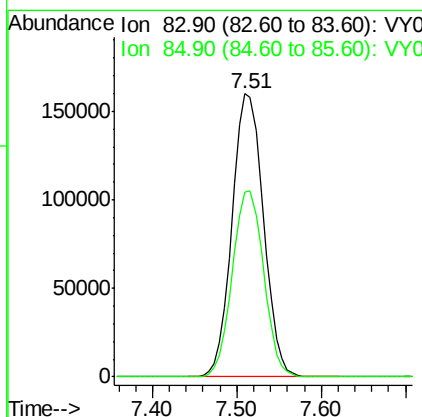
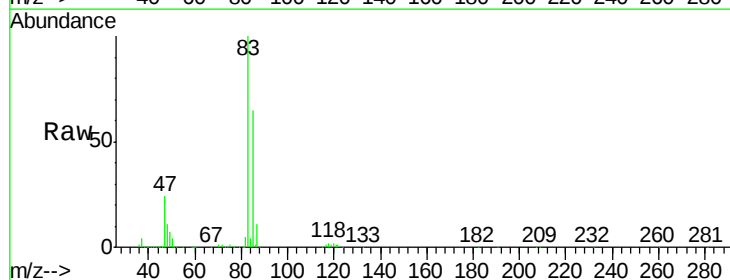
Manual Integrations  
APPROVED

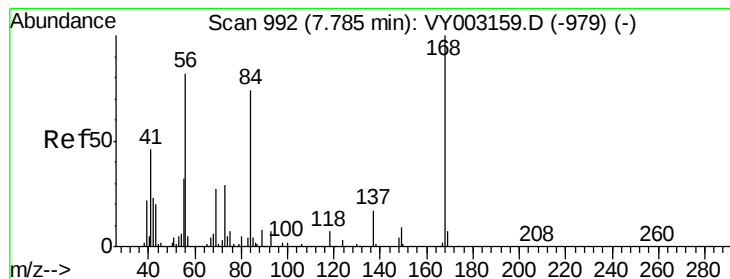
MMDadoda  
7/14/2020 11:37:20 AM



#30  
Chloroform  
Concen: 49.954 ug/l  
RT: 7.51 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.4  | 52.6  | 78.8  |





#31

Cyclohexane

Concen: 47.382 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

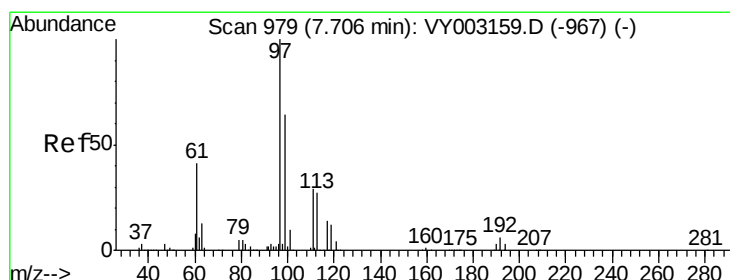
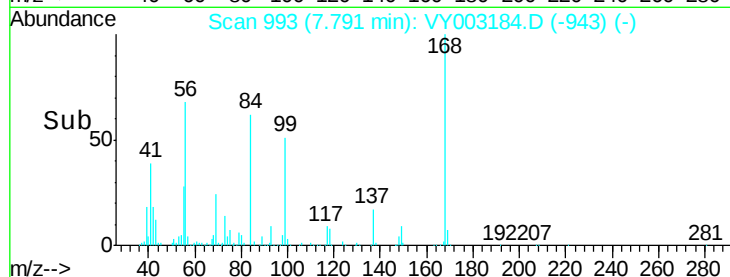
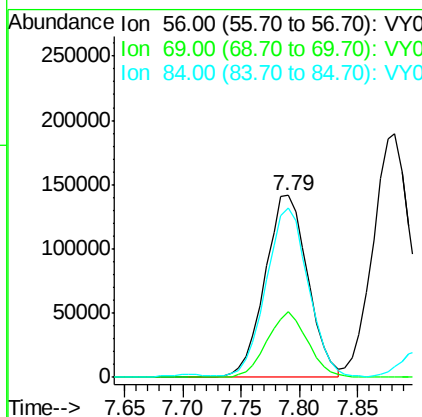
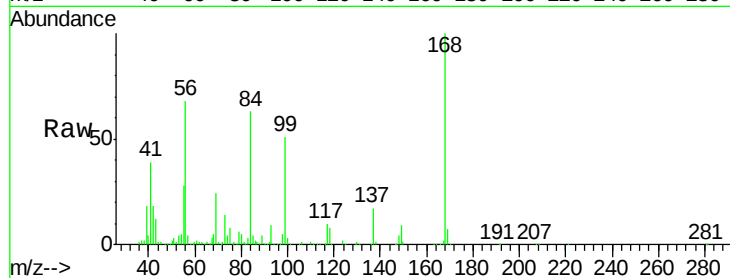
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 359328 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 35.8  | 26.7  | 40.1   |
| 84       | 91.6  | 72.3  | 108.5  |

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#32

1,1,1-Trichloroethane

Concen: 50.013 ug/l

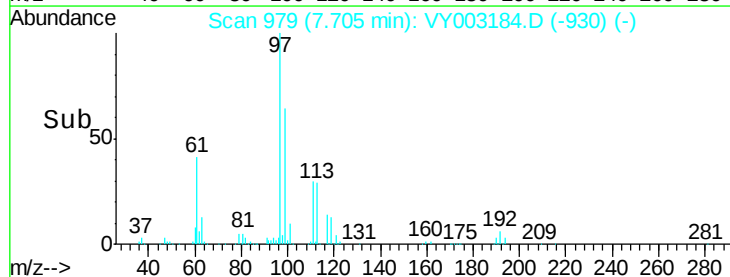
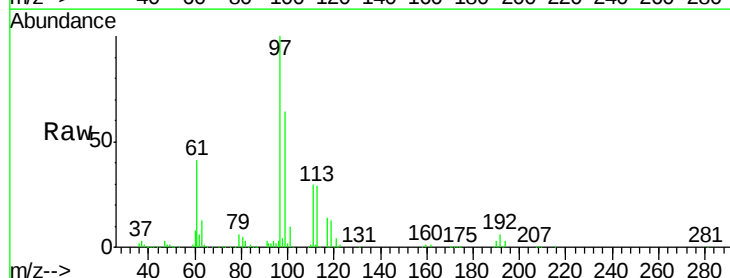
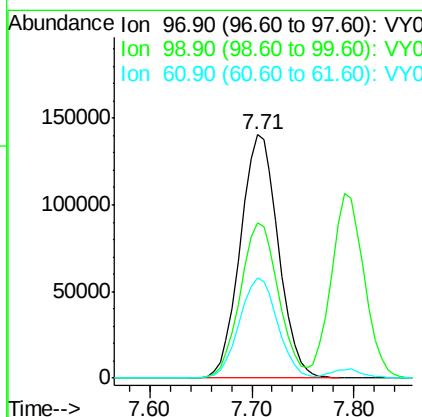
RT: 7.71 min Scan# 979

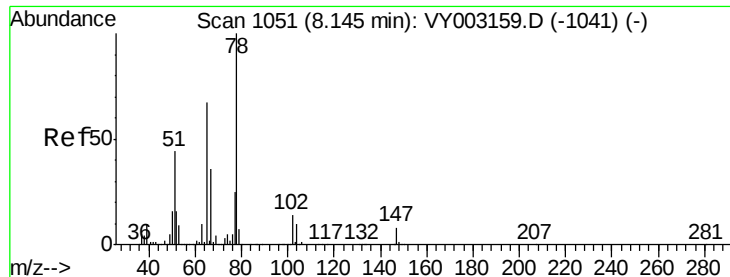
Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 363681 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.4  | 52.1  | 78.1   |
| 61       | 41.7  | 33.9  | 50.9   |





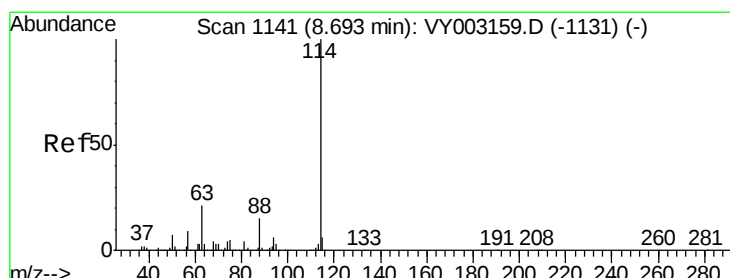
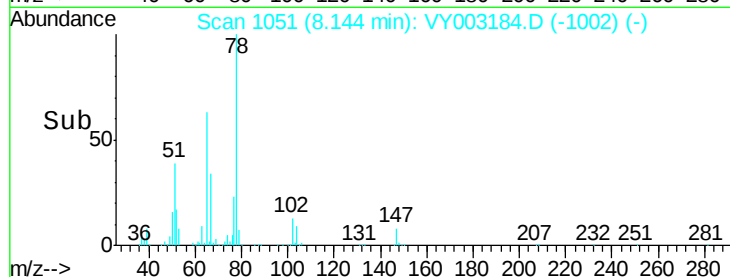
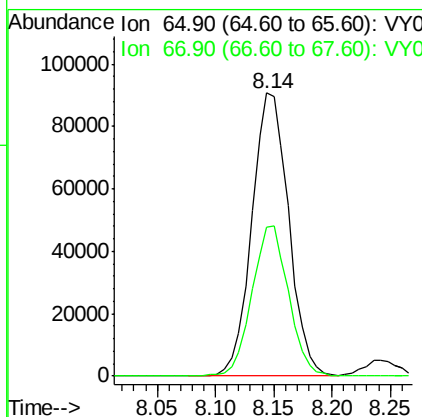
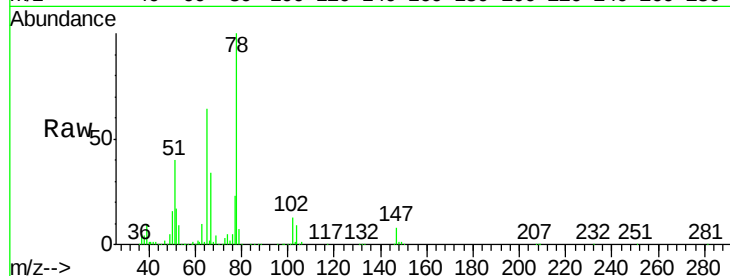
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.924 ug/l  
 RT: 8.14 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 199812 |       |       |
| 67      | 52.7  | 0.0    | 105.2 |       |

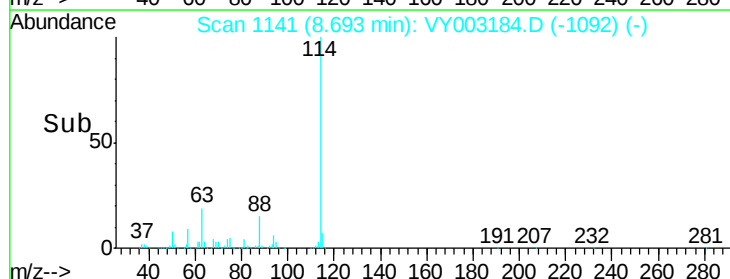
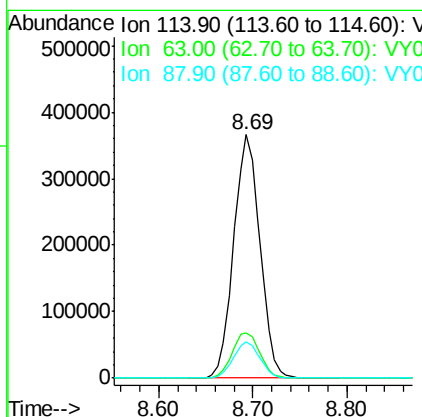
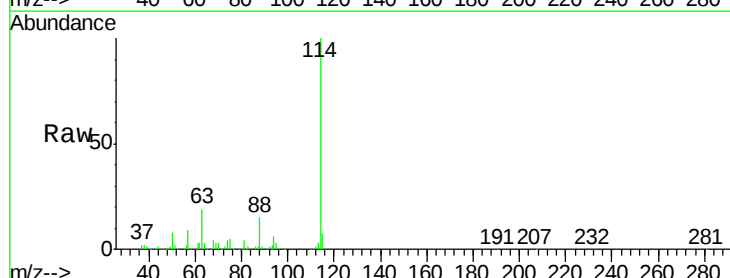
Manual Integrations  
 APPROVED

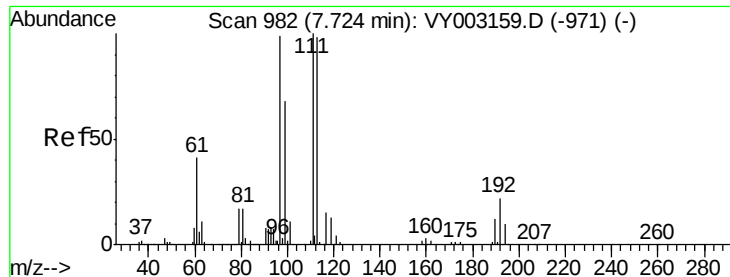
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 709243 |       |       |
| 63      | 18.8  | 0.0    | 41.2  |       |
| 88      | 14.7  | 0.0    | 30.2  |       |





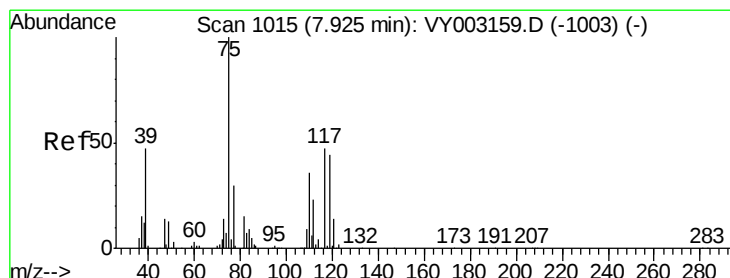
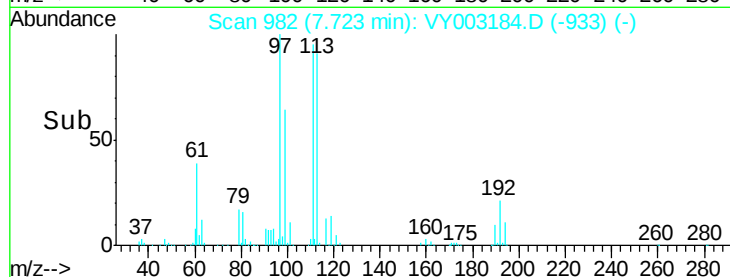
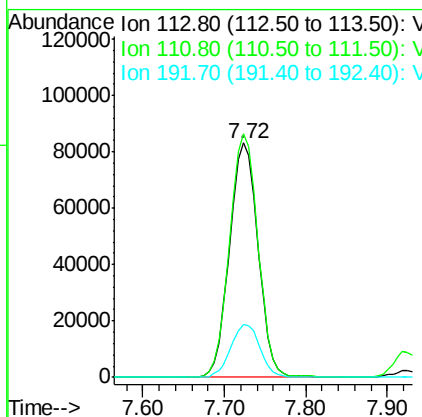
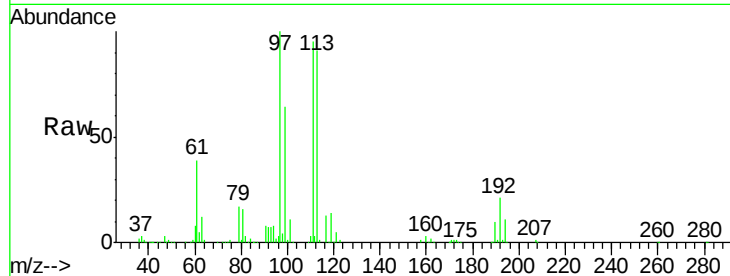
#35  
Dibromofluoromethane  
Concen: 49.172 ug/l  
RT: 7.72 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 200695 |       |       |
| 111     | 103.4 |        | 82.1  | 123.1 |
| 192     | 22.9  |        | 18.8  | 28.2  |

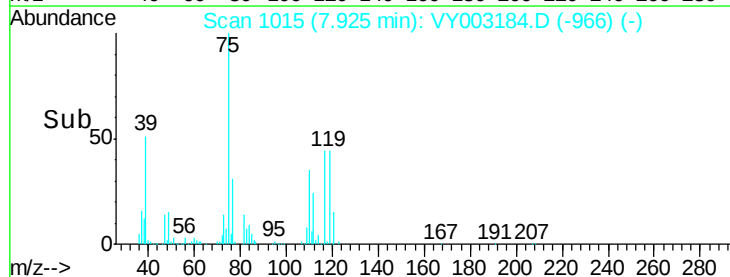
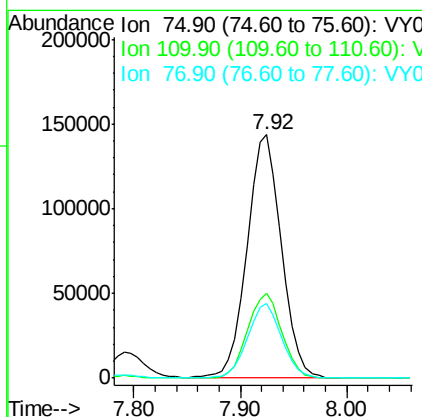
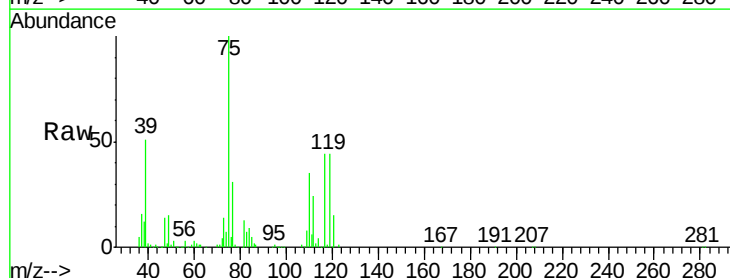
Manual Integrations  
APPROVED

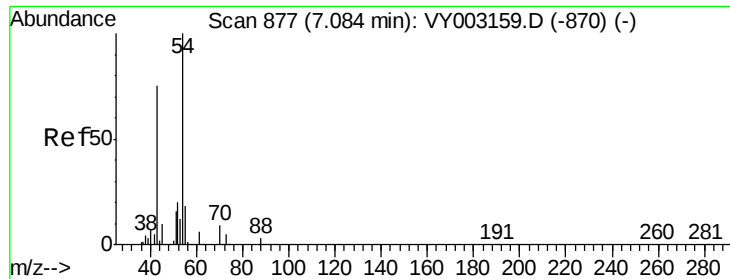
MMDadoda  
7/14/2020 11:37:20 AM



#36  
1,1-Dichloropropene  
Concen: 50.114 ug/l  
RT: 7.92 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 322136 |       |       |
| 110     | 35.3  |        | 18.1  | 54.1  |
| 77      | 30.7  |        | 24.8  | 37.2  |





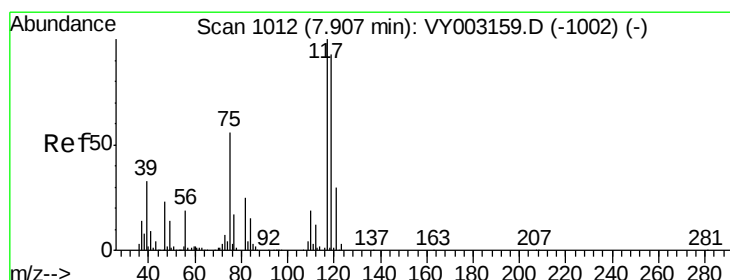
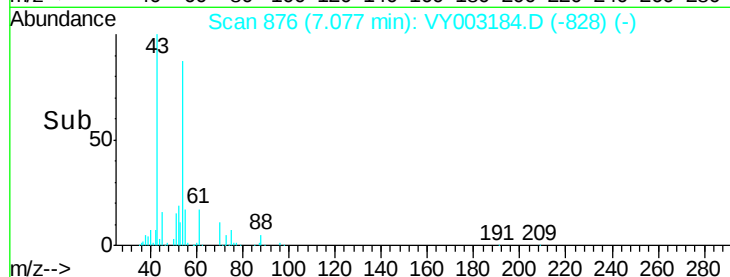
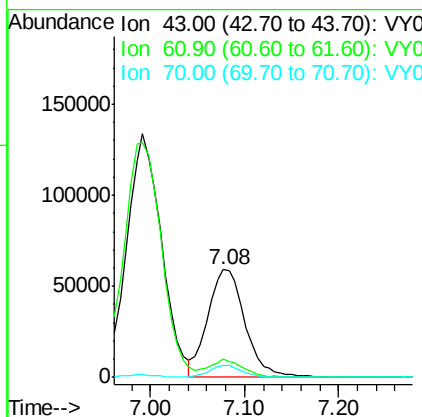
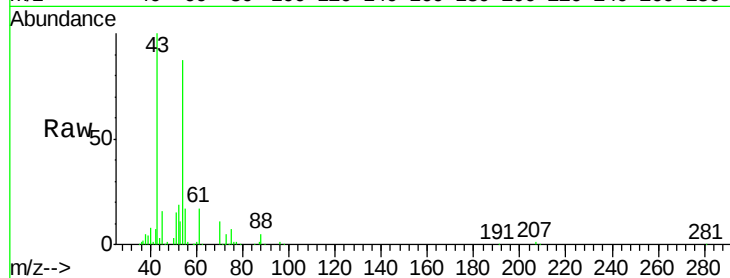
#37  
Ethyl Acetate  
Concen: 46.839 ug/l  
RT: 7.08 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.4  | 11.8  | 17.6  |
| 70      | 10.2  | 8.6   | 13.0  |

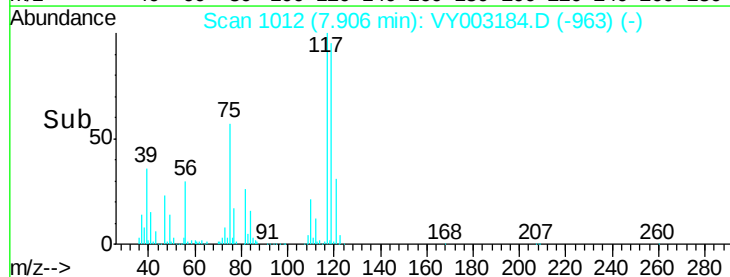
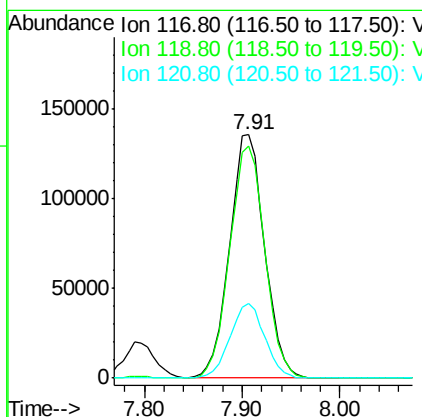
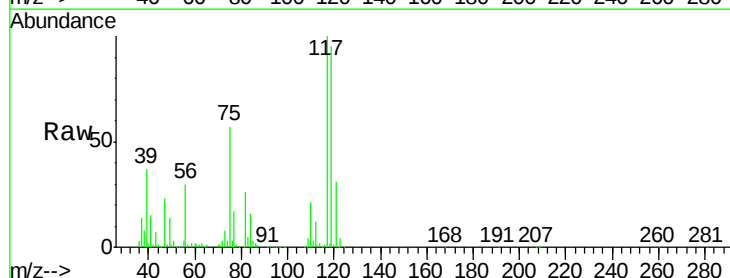
Manual Integrations  
APPROVED

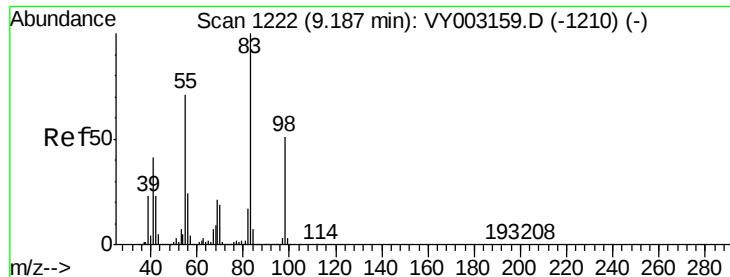
MMDadoda  
7/14/2020 11:37:20 AM



#38  
Carbon Tetrachloride  
Concen: 50.527 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.3  | 74.5  | 111.7 |
| 121     | 30.7  | 24.2  | 36.2  |





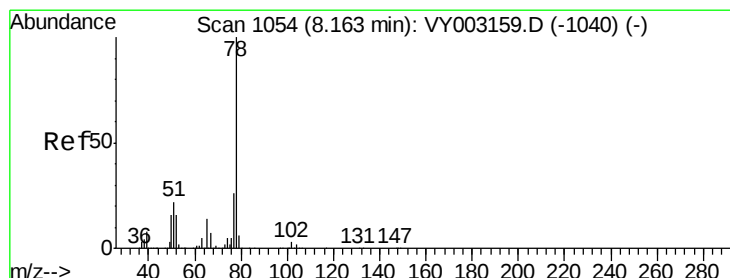
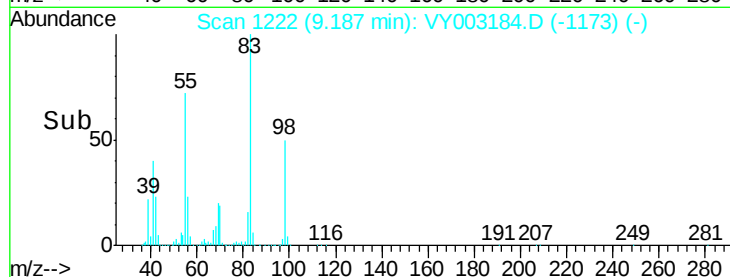
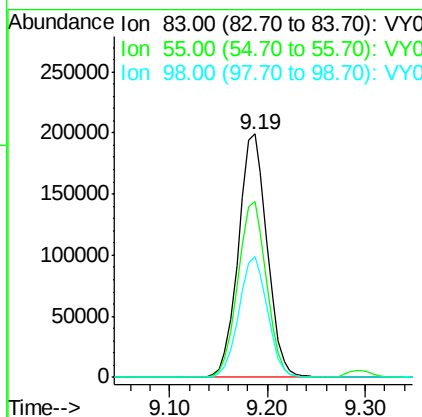
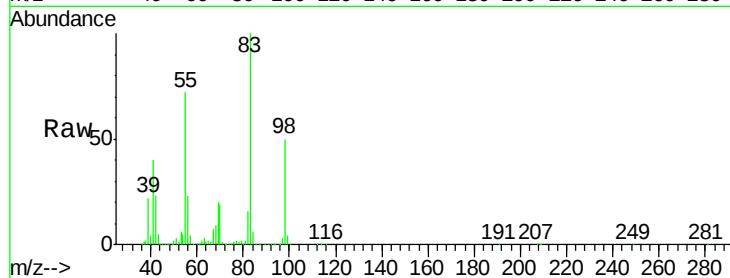
#39  
Methvlcvclohexane  
Concen: 50.108 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.2  | 57.2  | 85.8  |
| 98      | 49.7  | 41.0  | 61.6  |

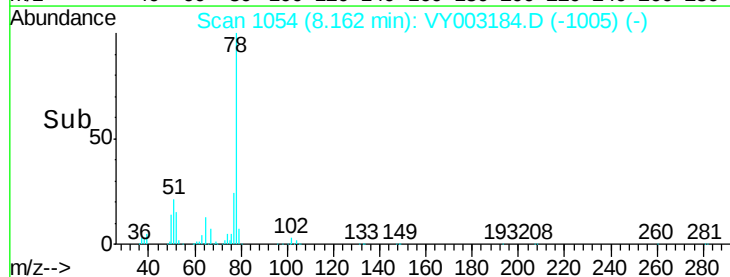
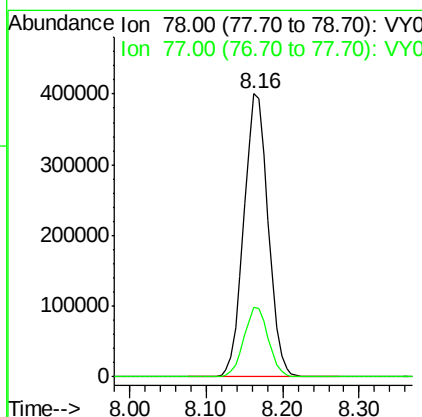
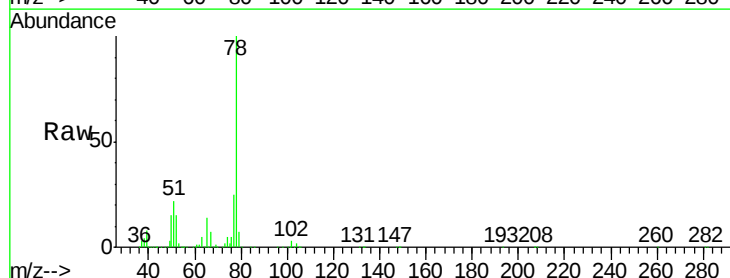
Manual Integrations  
APPROVED

MMDadoda  
7/14/2020 11:37:20 AM



#40  
Benzene  
Concen: 50.069 ug/l  
RT: 8.16 min Scan# 1054  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.5  | 20.7  | 31.1  |





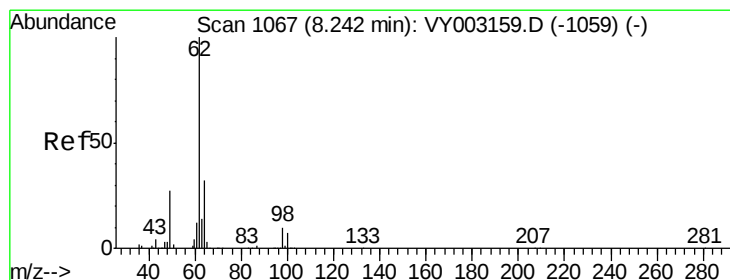
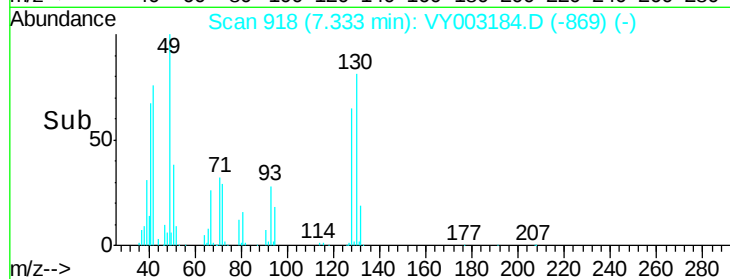
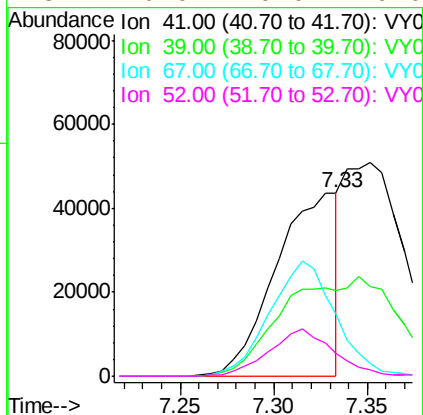
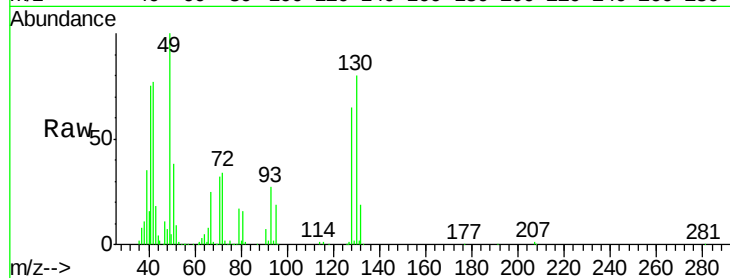
#41  
Methacrylonitrile  
Concen: 48.862 ug/l m  
RT: 7.33 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 41    | Resp  | 101873 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 41      | 100   |       |        |
| 39      | 100.3 | 83.3  | 124.9  |
| 67      | 0.0   | 0.0   | 0.0    |
| 52      | 0.0   | 0.0   | 0.0    |

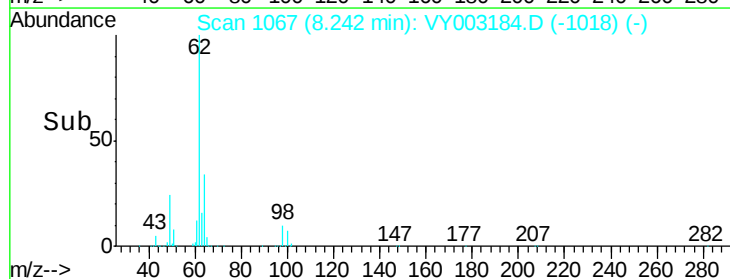
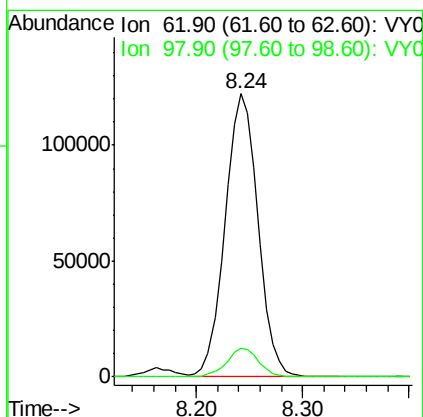
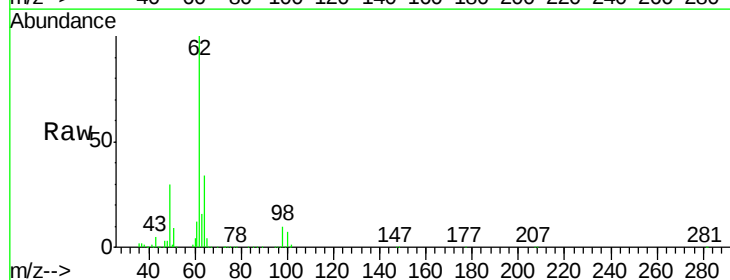
Manual Integrations  
APPROVED

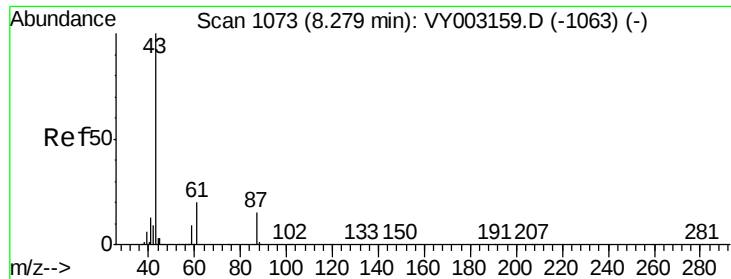
MMDadoda  
7/14/2020 11:37:20 AM



#42  
1,2-Dichloroethane  
Concen: 48.532 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | 62    | Resp  | 264450 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 9.9   | 0.0   | 19.0   |





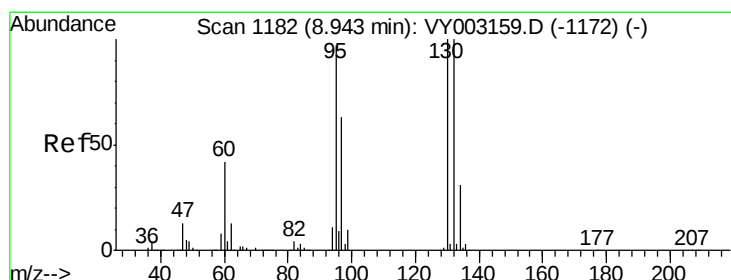
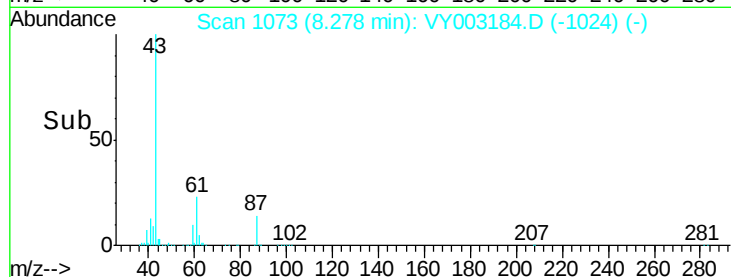
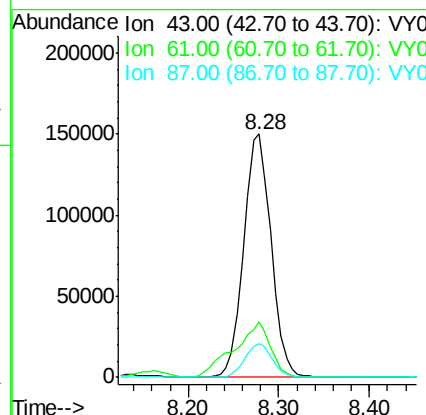
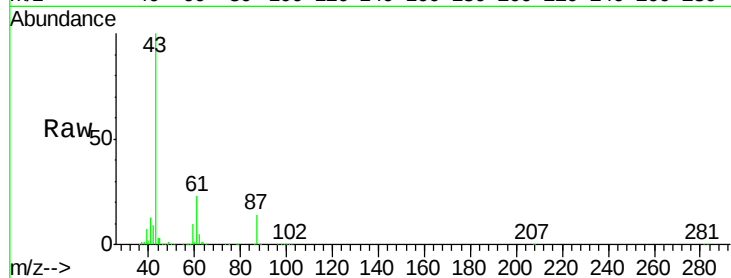
#43  
Isopropyl Acetate  
Concen: 46.537 ug/l  
RT: 8.28 min Scan# 1073  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 30.5  | 23.7  | 35.5  |
| 87      | 13.9  | 11.4  | 17.0  |

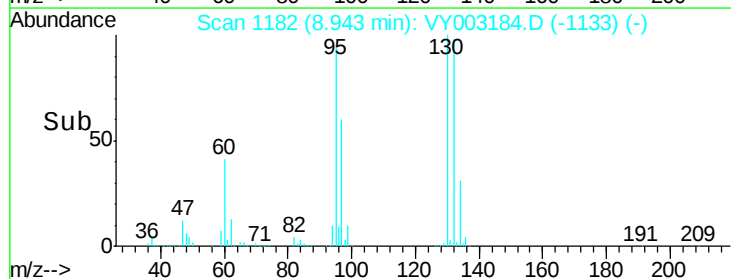
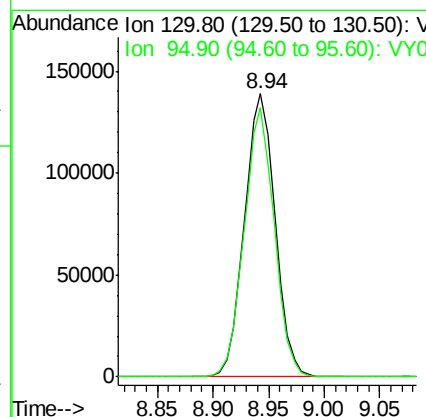
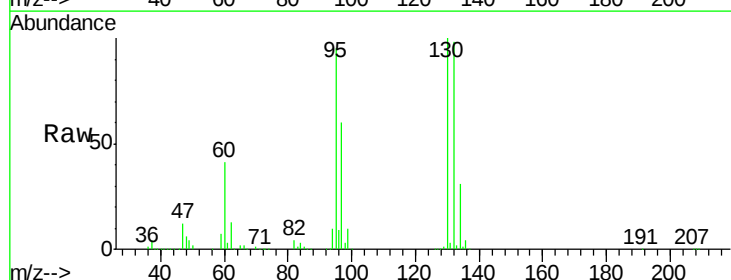
Manual Integrations  
APPROVED

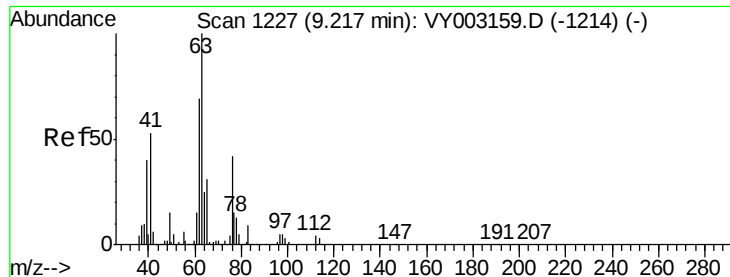
MMDadoda  
7/14/2020 11:37:20 AM



#44  
Trichloroethene  
Concen: 49.075 ug/l  
RT: 8.94 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.2  | 0.0   | 193.8 |





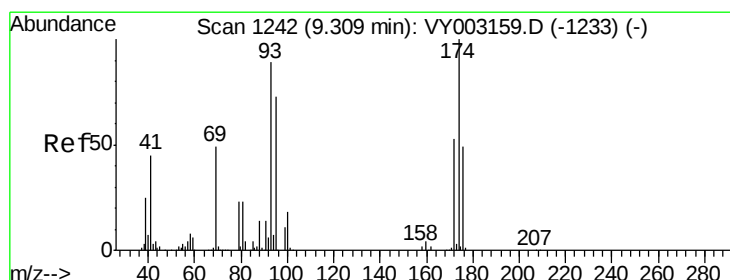
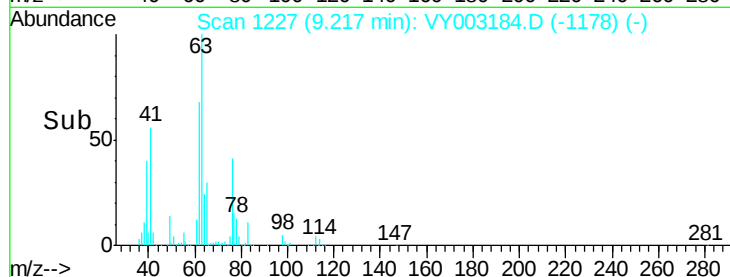
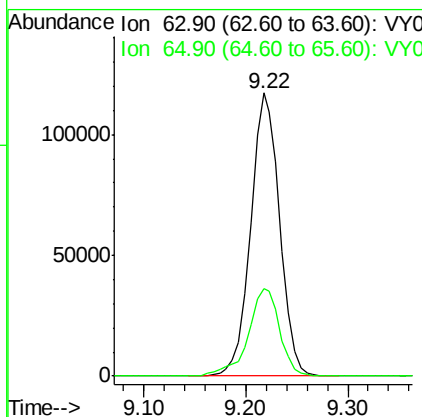
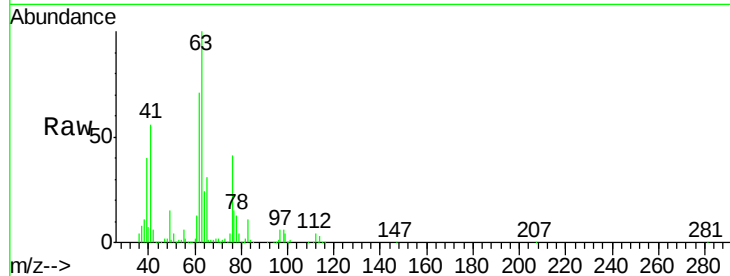
#45  
 1,2-Dichloropropane  
 Concen: 50.595 ug/l  
 RT: 9.22 min Scan# 1227  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.7  | 25.0  | 37.4  |

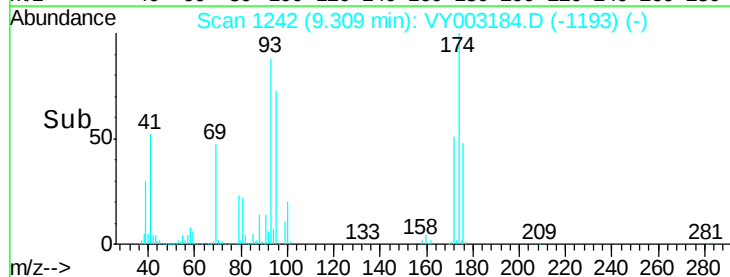
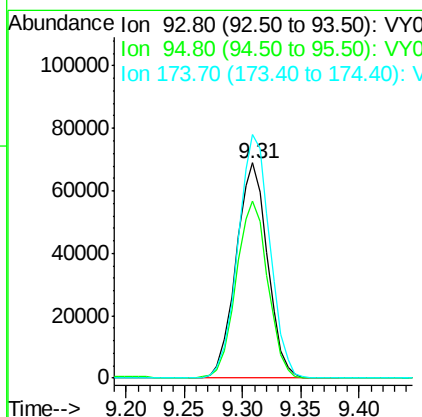
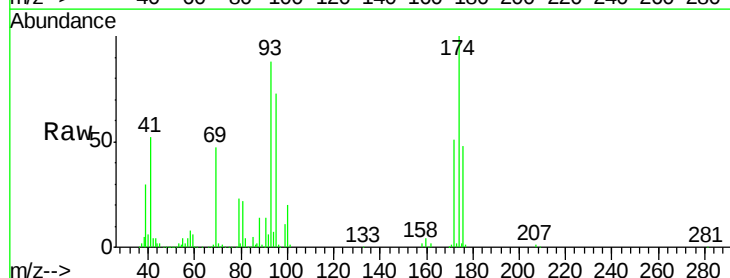
Manual Integrations  
 APPROVED

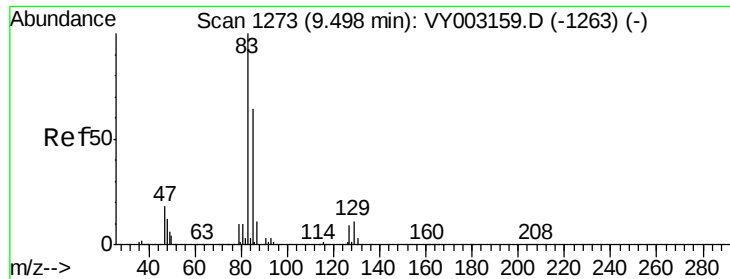
MMDadoda  
 7/14/2020 11:37:20 AM



#46  
 Dibromomethane  
 Concen: 48.461 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.1  | 66.6  | 99.8  |
| 174     | 114.9 | 90.2  | 135.4 |





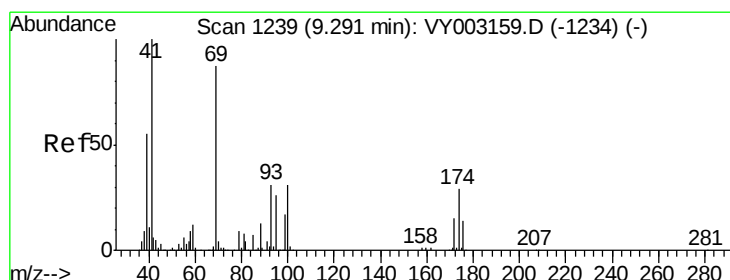
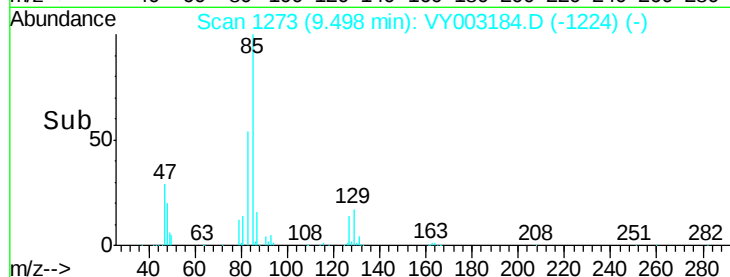
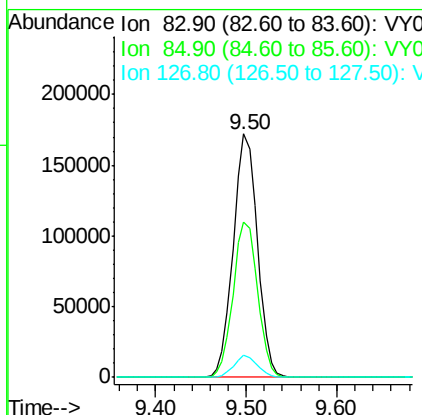
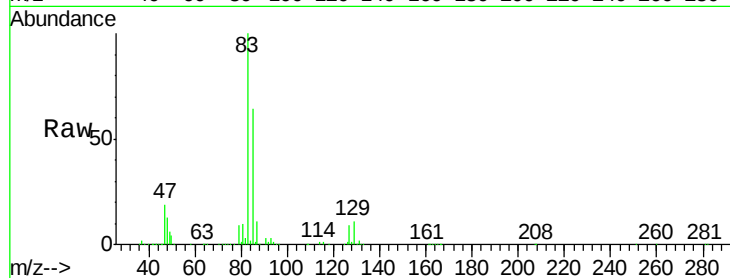
#47  
Bromodichloromethane  
Concen: 50.230 ug/l  
RT: 9.50 min Scan# 1273  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.0  | 50.9  | 76.3  |
| 127     | 8.9   | 7.0   | 10.4  |

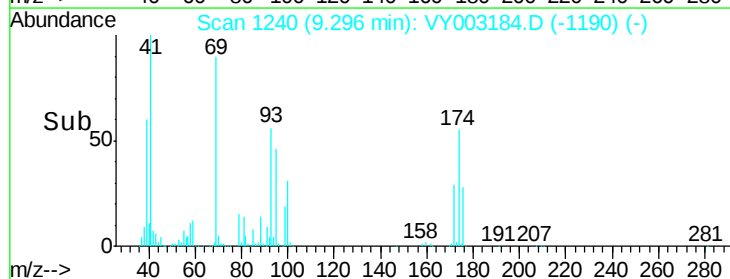
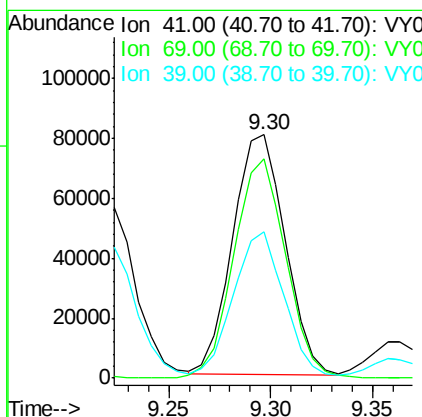
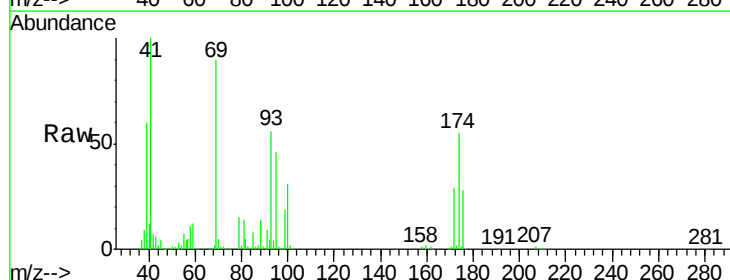
Manual Integrations  
APPROVED

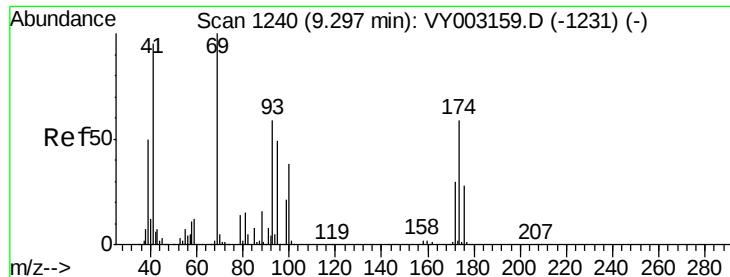
MMDadoda  
7/14/2020 11:37:20 AM



#48  
Methyl methacrylate  
Concen: 47.749 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 90.9  | 74.5  | 111.7 |
| 39      | 56.8  | 47.5  | 71.3  |





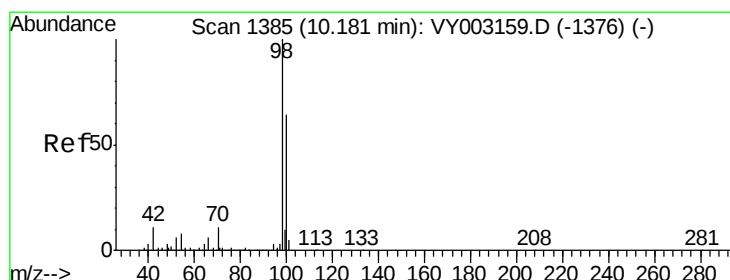
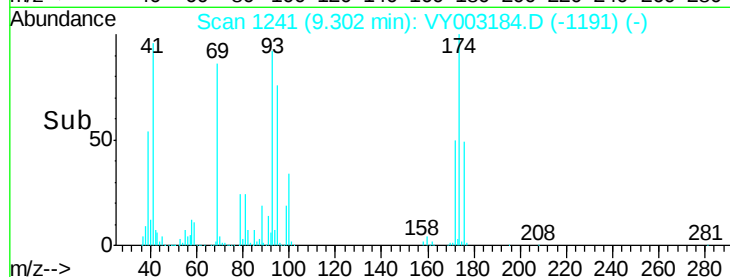
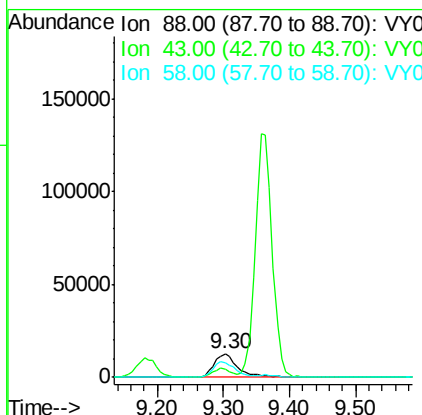
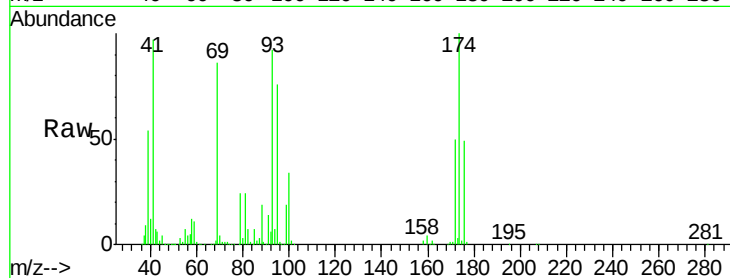
#49  
1,4-Dioxane  
Concen: 955.338 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 32433 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 27.4  | 25.6  | 38.4  |
| 58      | 70.5  | 47.8  | 71.6  |

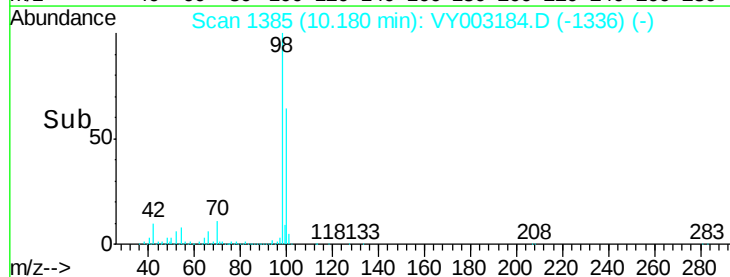
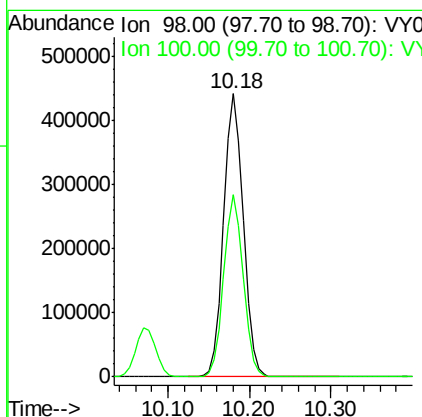
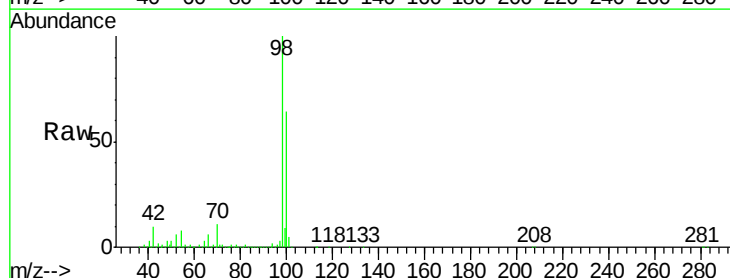
Manual Integrations  
APPROVED

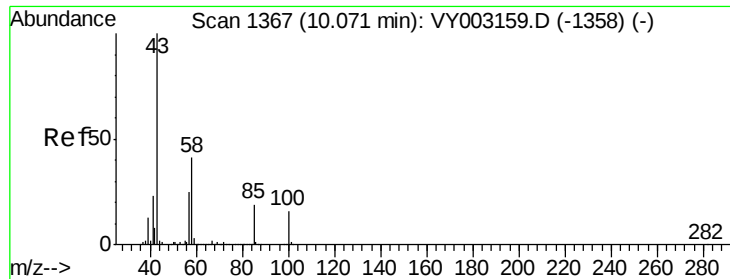
MMDadoda  
7/14/2020 11:37:20 AM



#50  
Toluene-d8  
Concen: 48.416 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | 98    | Resp  | 734686 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 63.8  | 50.7  | 76.1   |





#51

4-Methyl-2-Pentanone

Concen: 230.687 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 803433

Ion Ratio Lower Upper

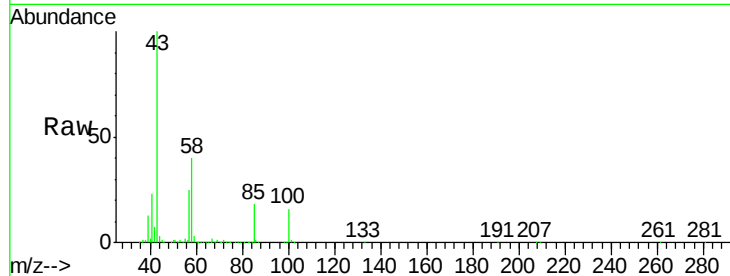
43 100

58 40.8 32.7 49.1

Manual Integrations  
APPROVED

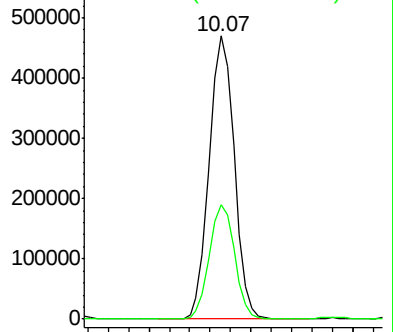
MMDadoda

7/14/2020 11:37:20 AM

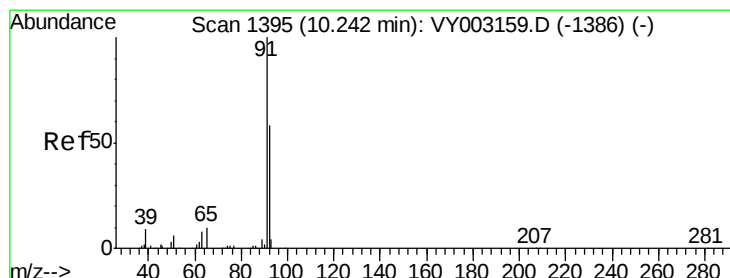
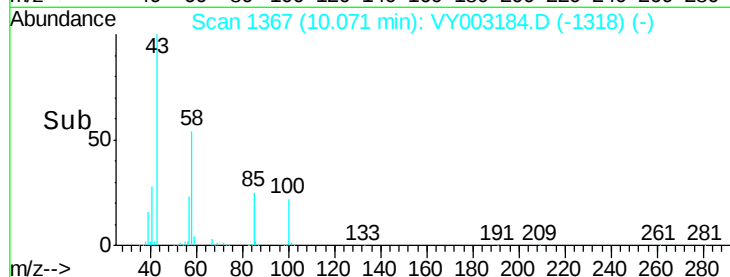


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#52

Toluene

Concen: 49.867 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003184.D

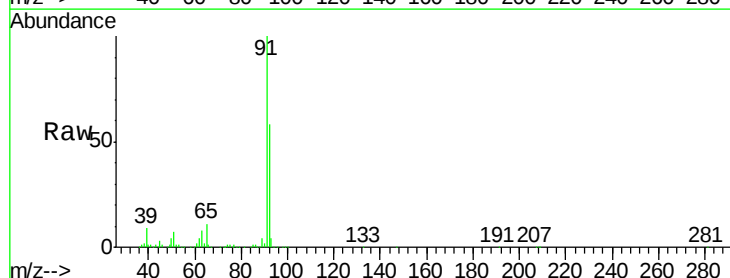
Acq: 13 Jul 2020 16:24

Tgt Ion: 92 Resp: 564148

Ion Ratio Lower Upper

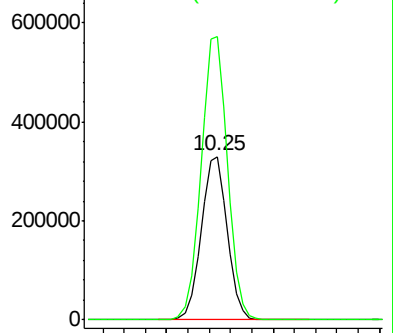
92 100

91 175.7 139.7 209.5

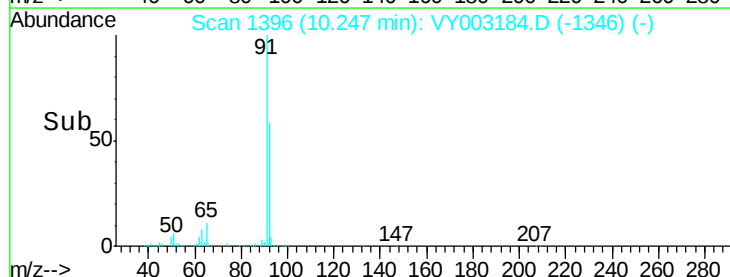


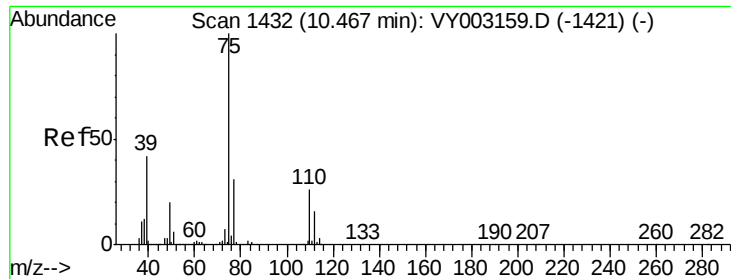
Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



Time-->





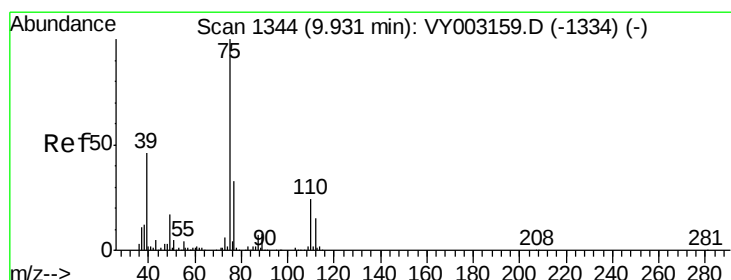
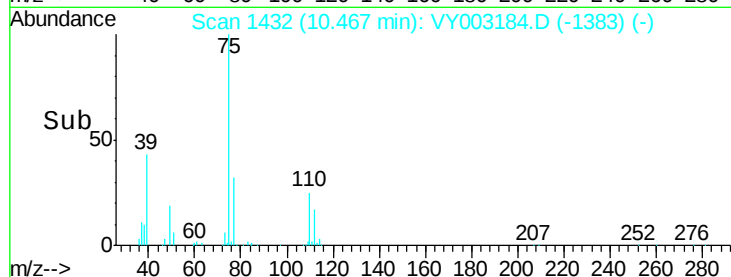
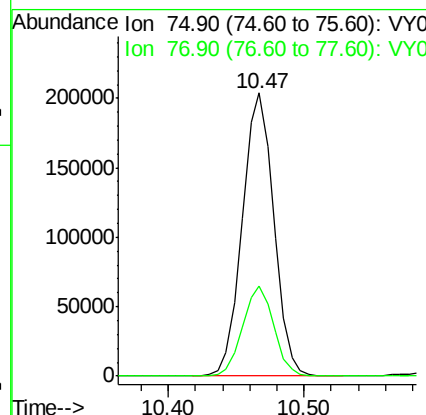
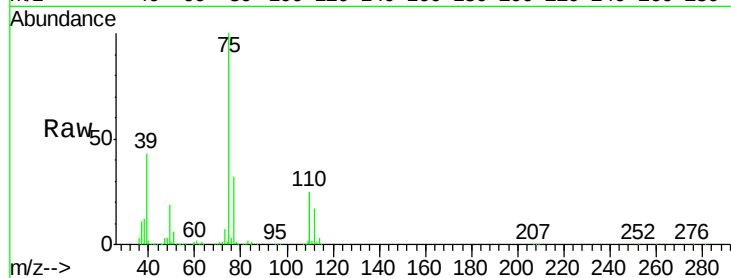
#53  
t-1,3-Dichloropropene  
Concen: 50.007 ug/l  
RT: 10.47 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 75 Resp: 329620  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.2 37.8

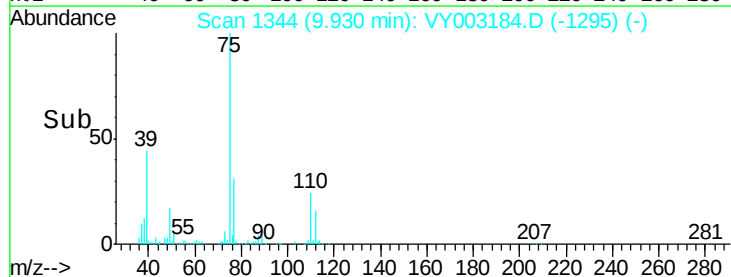
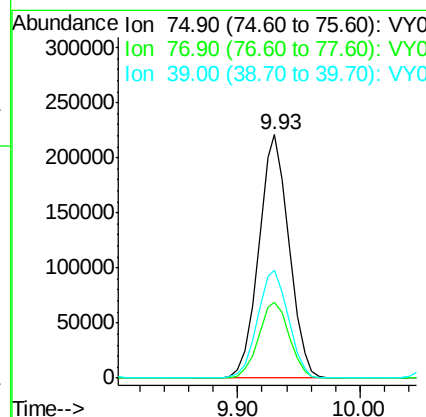
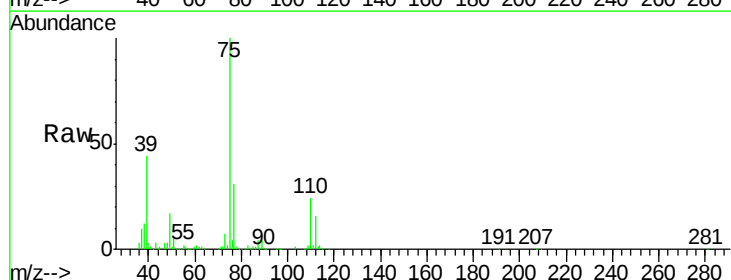
Manual Integrations  
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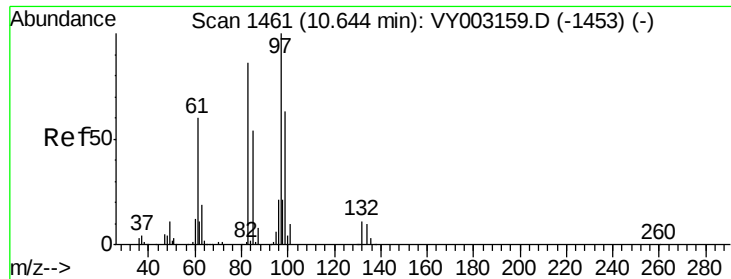
MMDadoda  
7/14/2020 11:37:20 AM



#54  
cis-1,3-Dichloropropene  
Concen: 49.993 ug/l  
RT: 9.93 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Tgt Ion: 75 Resp: 379681  
Ion Ratio Lower Upper  
75 100  
77 30.9 26.7 40.1  
39 44.3 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 47.935 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 181696

Ion Ratio Lower Upper

97 100

83 86.1 68.8 103.2

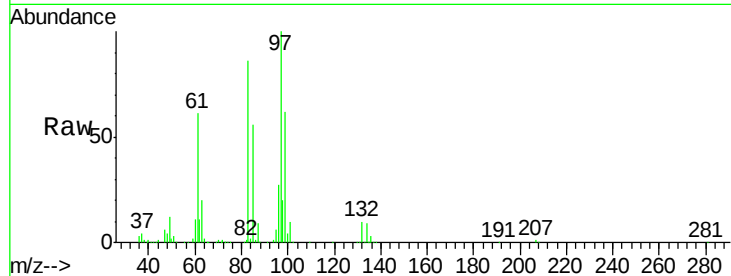
85 56.3 43.1 64.7

99 62.1 50.8 76.2

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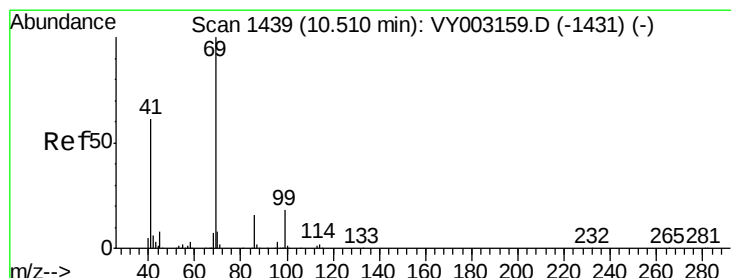
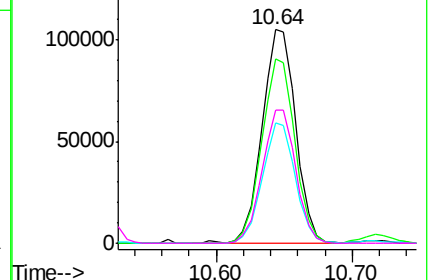
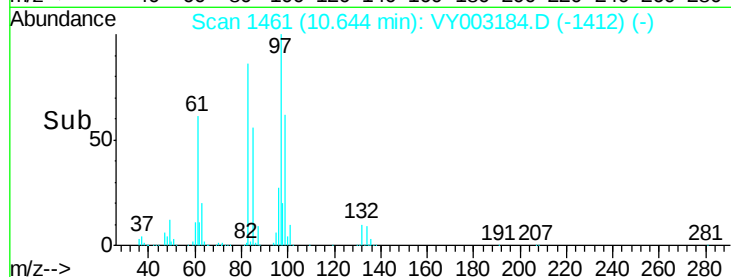


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 48.922 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

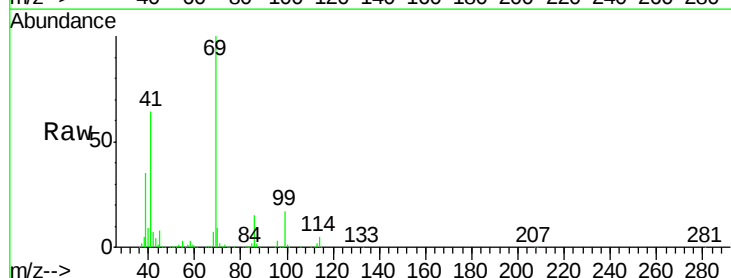
Tgt Ion: 69 Resp: 252111

Ion Ratio Lower Upper

69 100

41 64.1 50.0 75.0

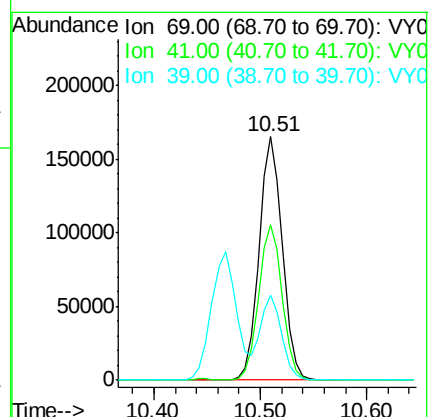
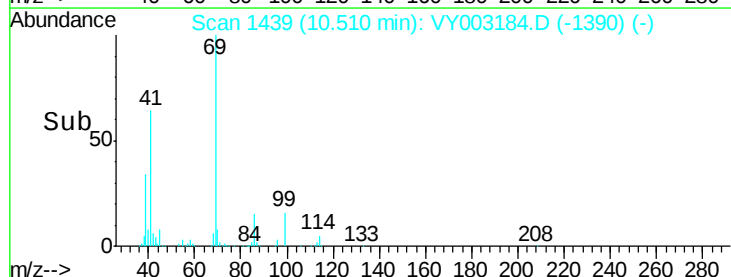
39 31.8 27.6 41.4

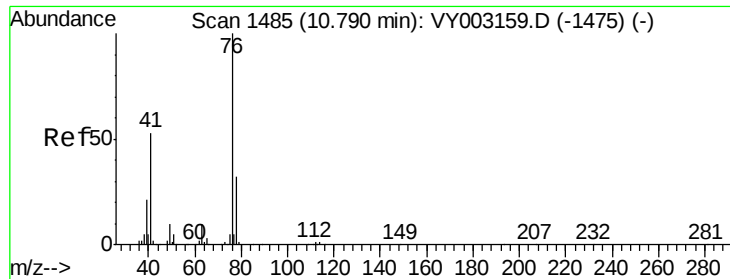


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





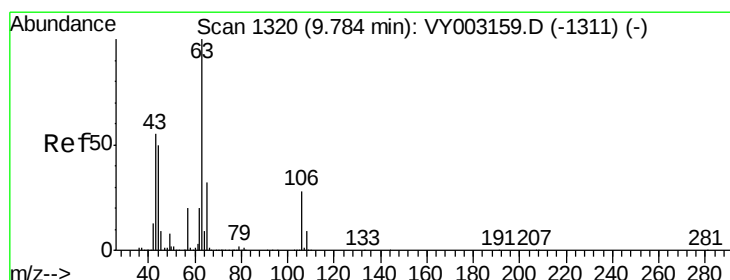
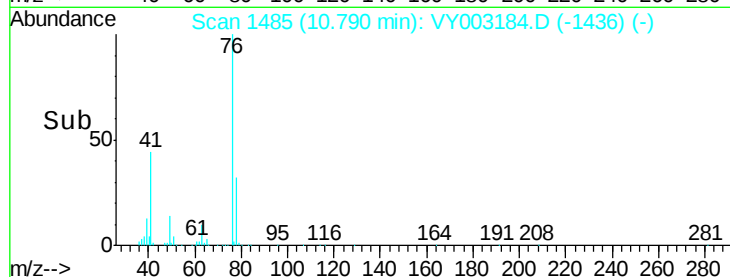
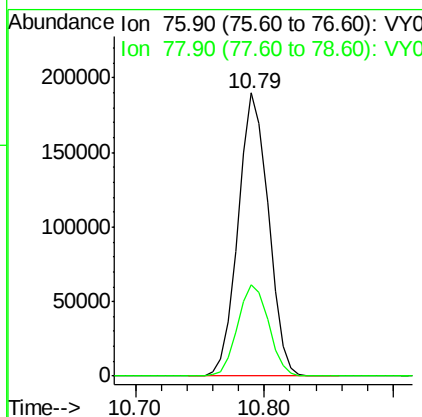
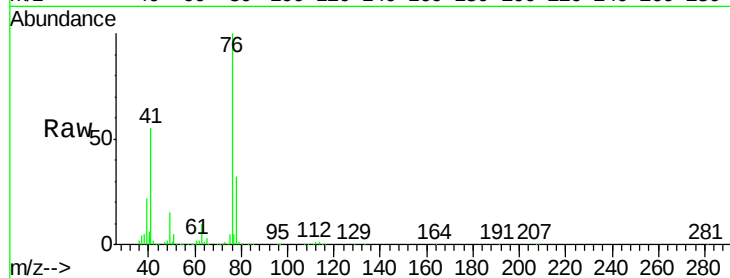
#57  
 1,3-Dichloropropane  
 Concen: 48.079 ug/l  
 RT: 10.79 min Scan# 1485  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.1  | 26.0  | 39.0  |

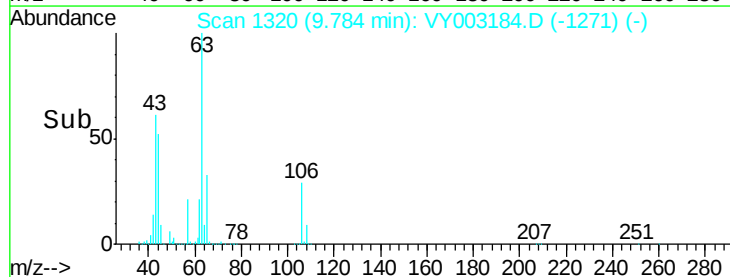
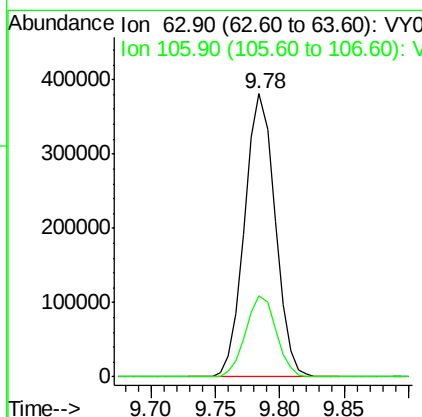
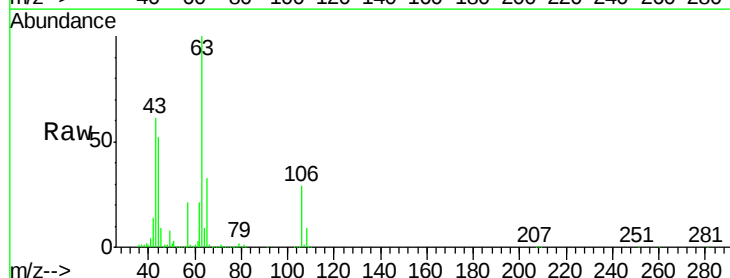
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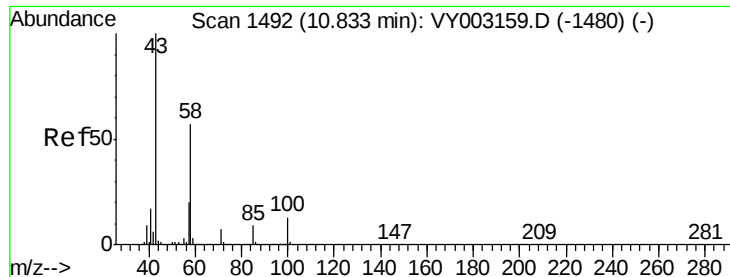
MMDadoda  
 7/14/2020 11:37:20 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 237.542 ug/l  
 RT: 9.78 min Scan# 1320  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.8  | 22.9  | 34.3  |





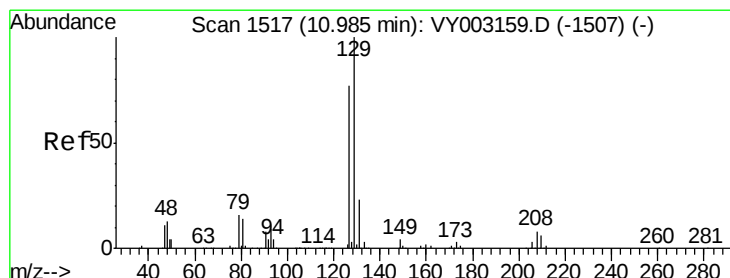
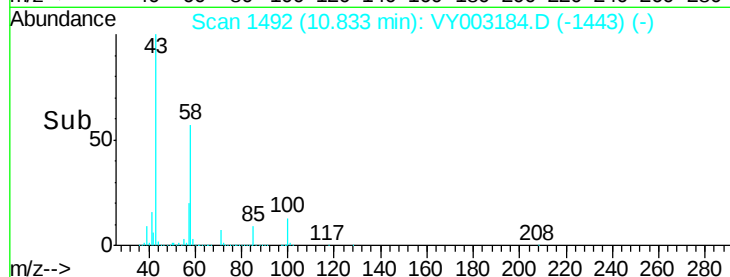
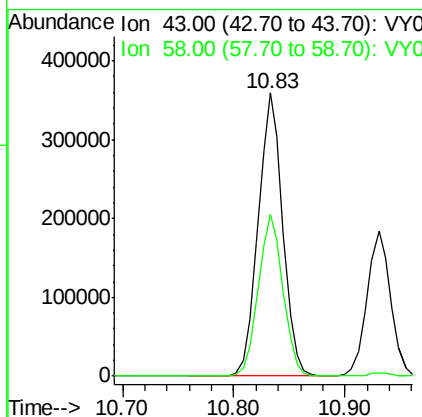
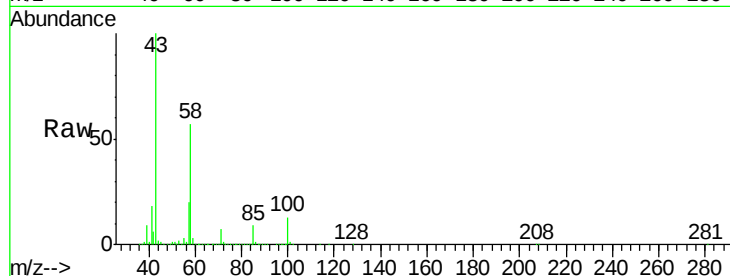
#59  
2-Hexanone  
Concen: 227.959 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 554221  
Ion Ratio Lower Upper  
43 100  
58 57.0 28.3 85.0

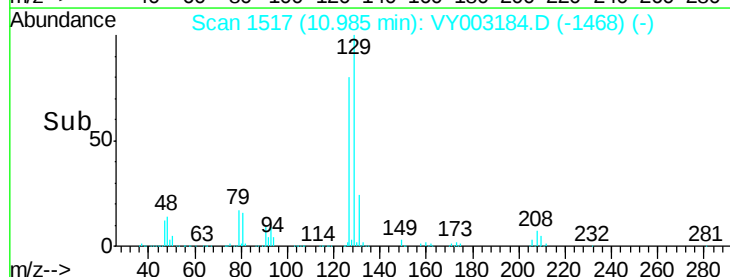
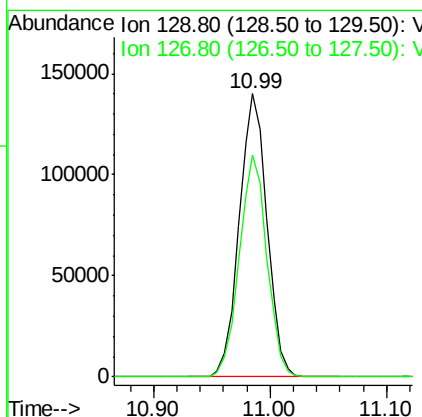
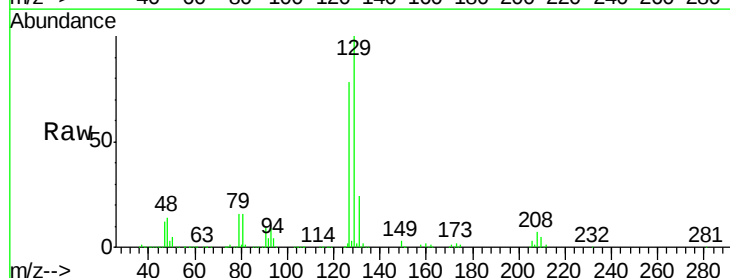
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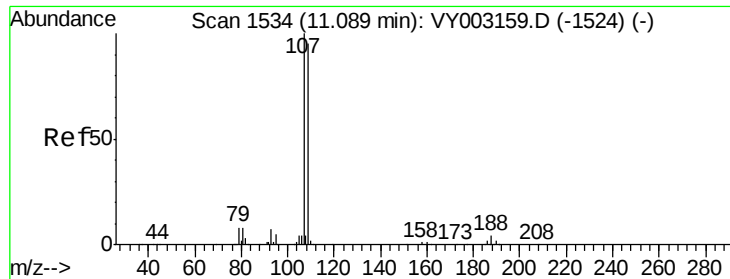
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 48.814 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Tgt Ion: 129 Resp: 232721  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.5 115.5





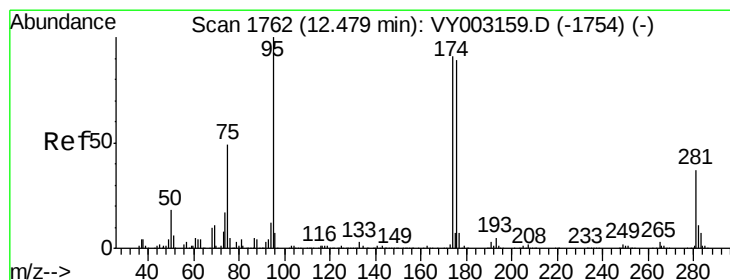
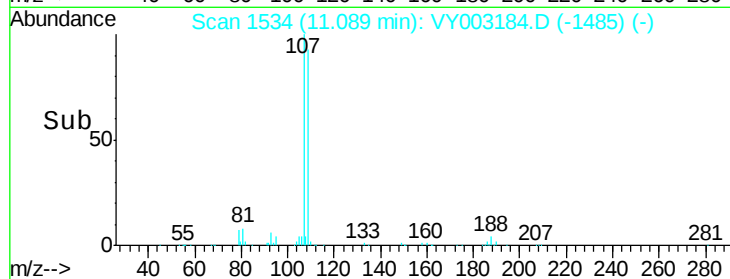
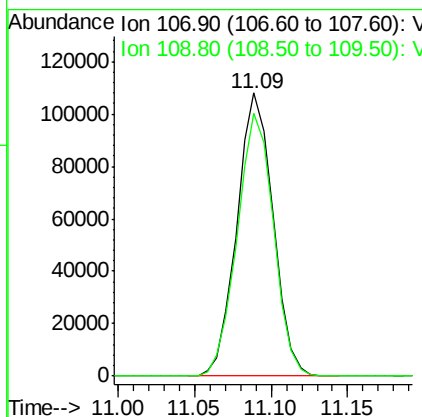
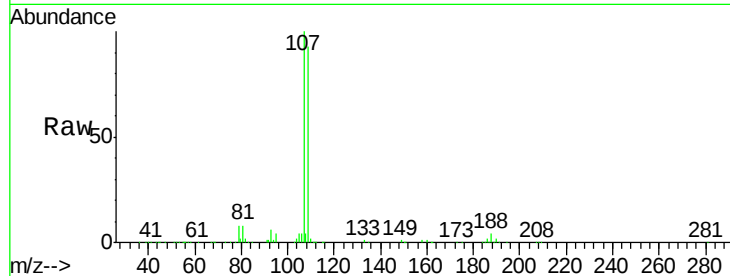
#61  
 1,2-Dibromoethane  
 Concen: 47.272 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 107 Resp: 176846  
 Ion Ratio Lower Upper  
 107 100  
 109 93.7 75.6 113.4

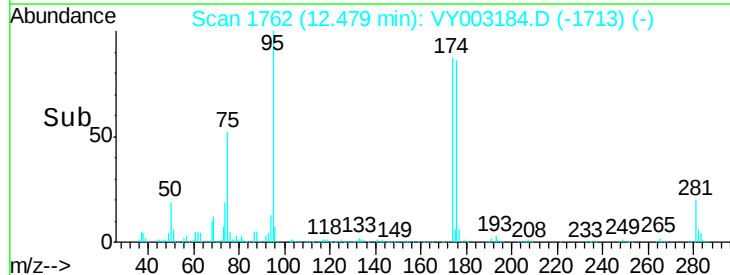
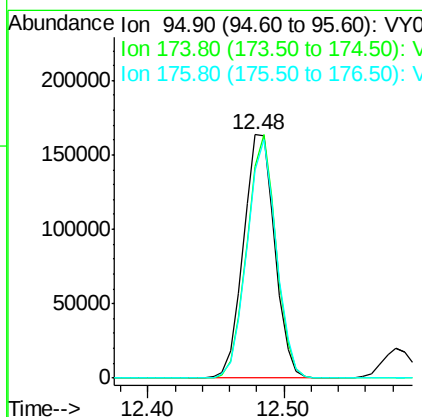
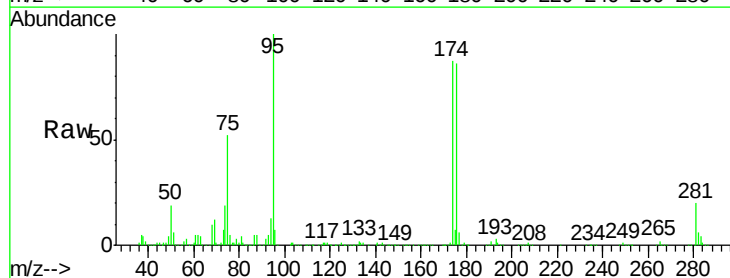
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#62  
 4-Bromofluorobenzene  
 Concen: 47.846 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

Tgt Ion: 95 Resp: 262288  
 Ion Ratio Lower Upper  
 95 100  
 174 93.7 0.0 190.6  
 176 92.4 0.0 186.4





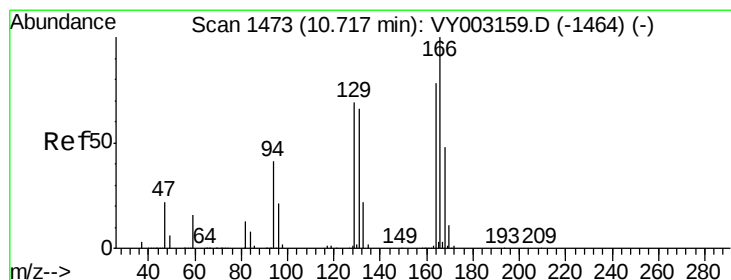
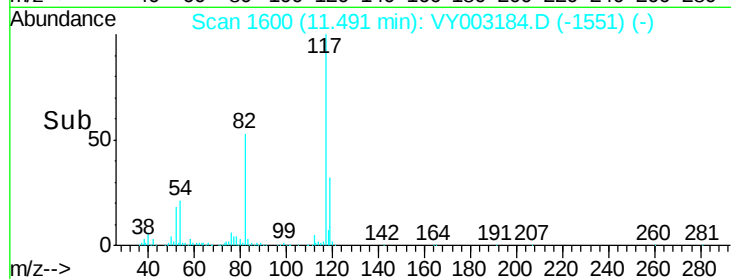
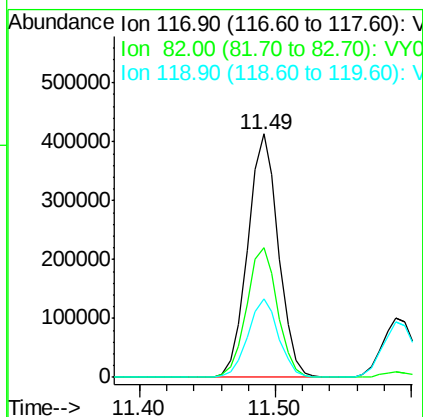
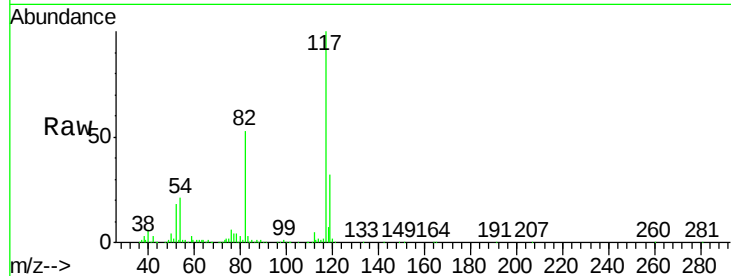
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.4  | 42.0  | 63.0  |
| 119     | 32.0  | 25.5  | 38.3  |

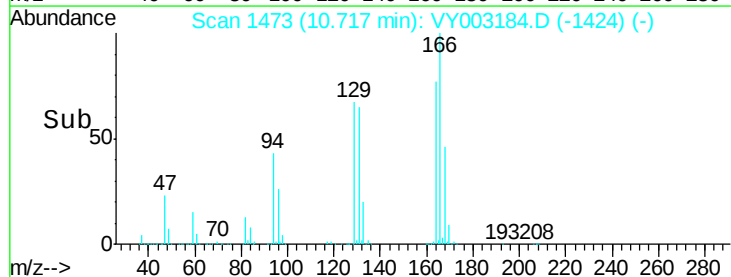
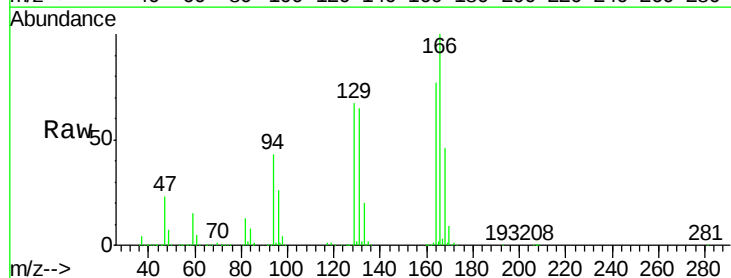
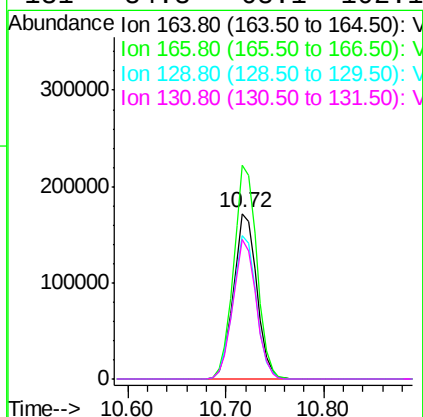
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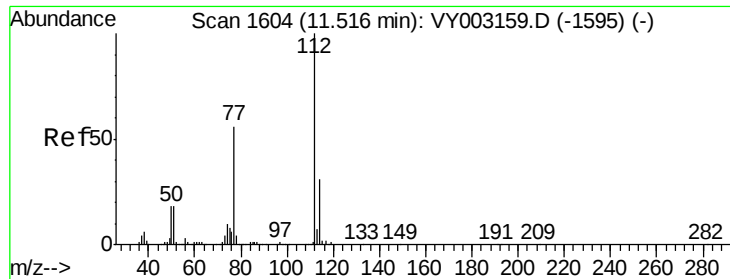
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#64  
Tetrachloroethene  
Concen: 48.709 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.3 | 102.9 | 154.3 |
| 129     | 86.5  | 71.4  | 107.2 |
| 131     | 84.3  | 68.1  | 102.1 |





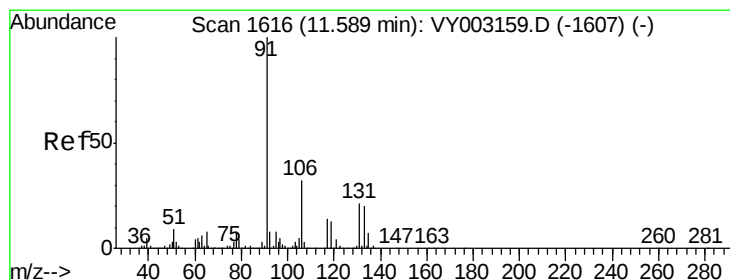
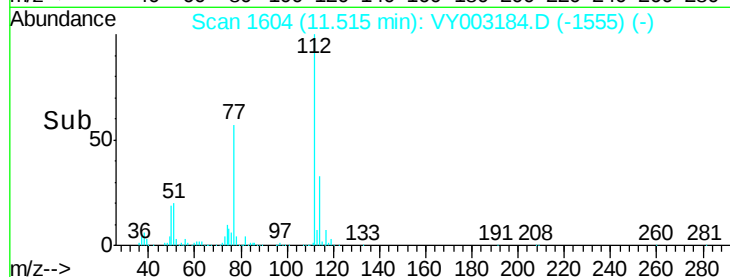
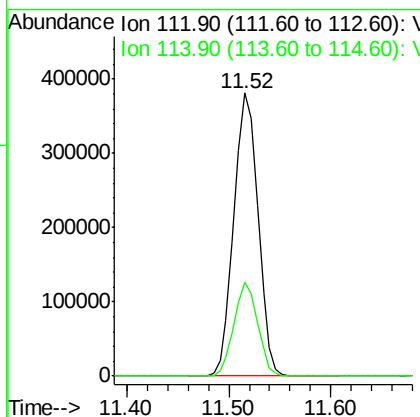
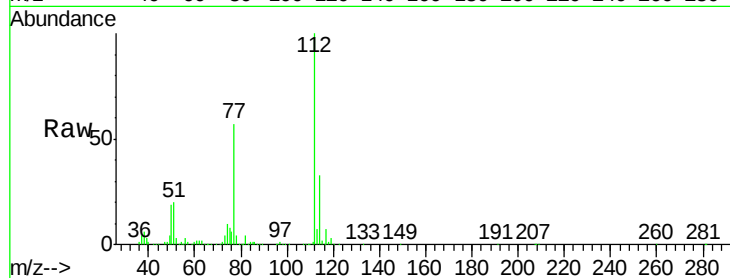
#65  
Chlorobenzene  
Concen: 49.780 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 624572  
Ion Ratio Lower Upper  
112 100  
114 33.1 24.7 37.1

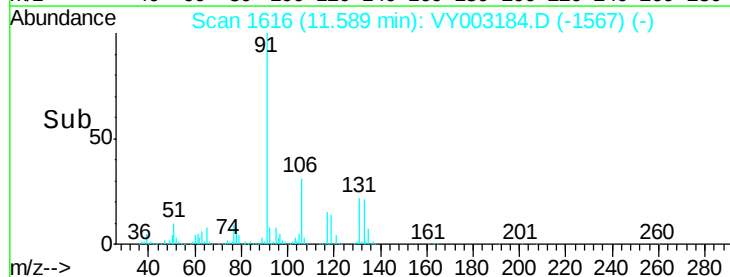
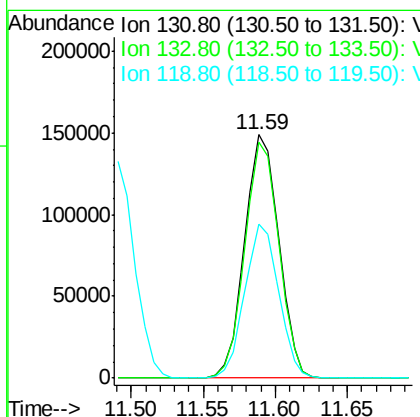
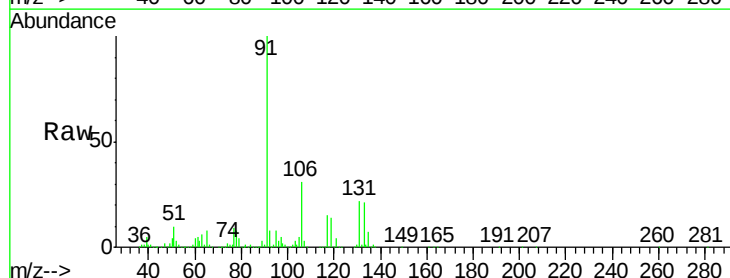
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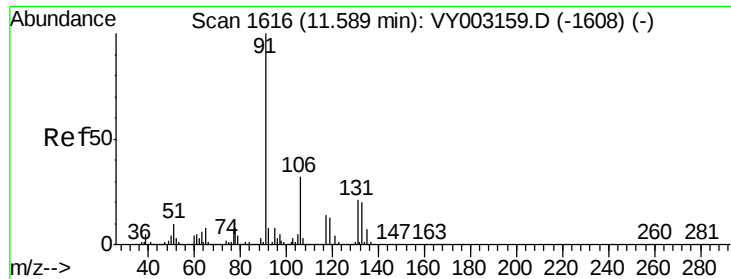
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.234 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Tgt Ion:131 Resp: 244792  
Ion Ratio Lower Upper  
131 100  
133 96.6 48.0 144.0  
119 63.0 32.4 97.0





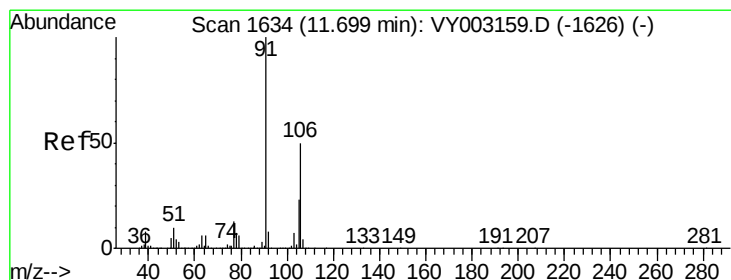
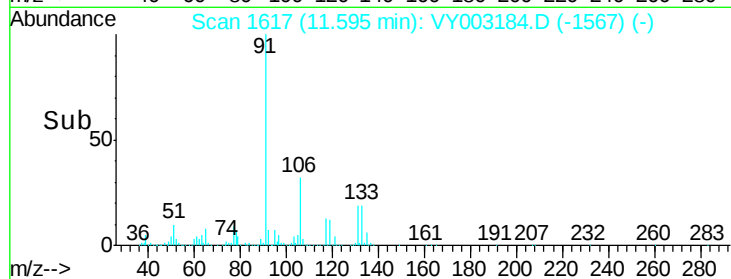
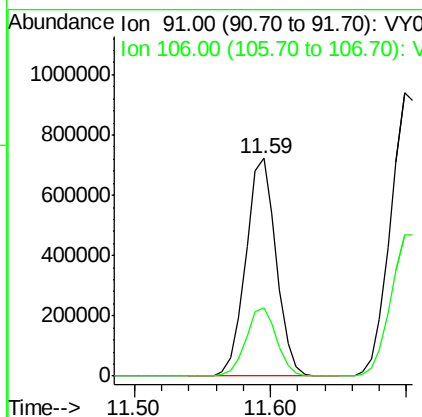
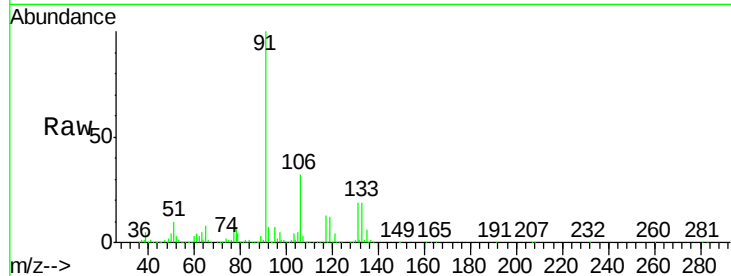
#67  
Ethyl Benzene  
Concen: 50.313 ug/l  
RT: 11.59 min Scan# 1617  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 1127113  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.5 38.3

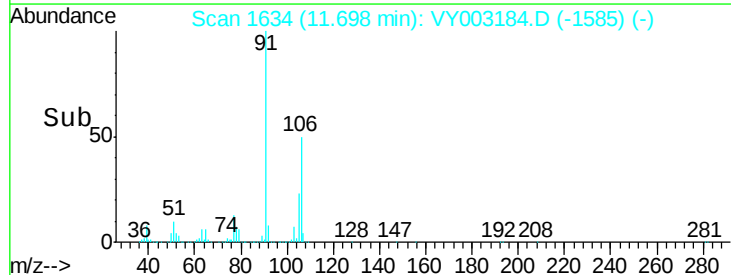
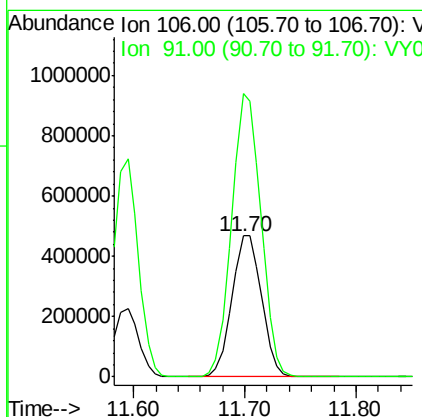
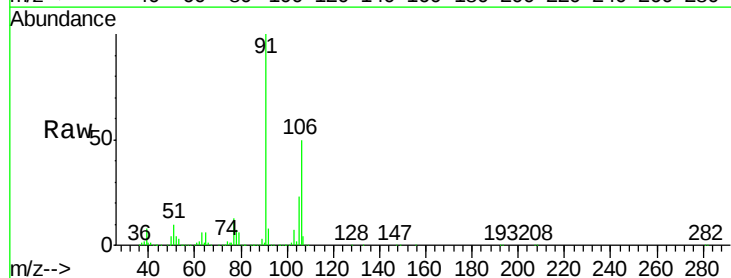
Manual Integrations  
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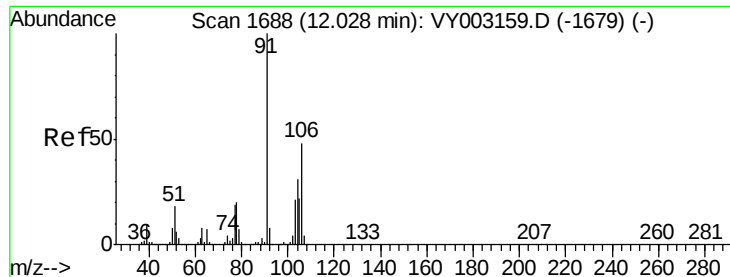
MMDadoda  
7/14/2020 11:37:20 AM



#68  
m/p-Xylenes  
Concen: 101.079 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Tgt Ion: 106 Resp: 859164  
Ion Ratio Lower Upper  
106 100  
91 198.7 159.0 238.6





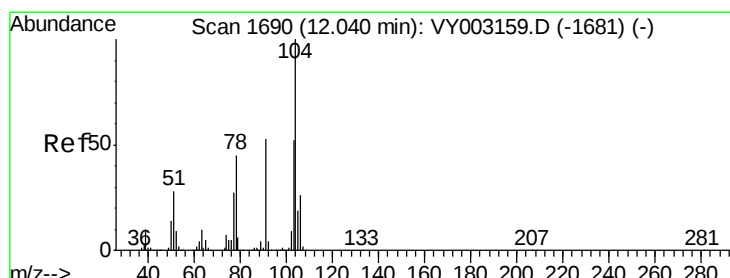
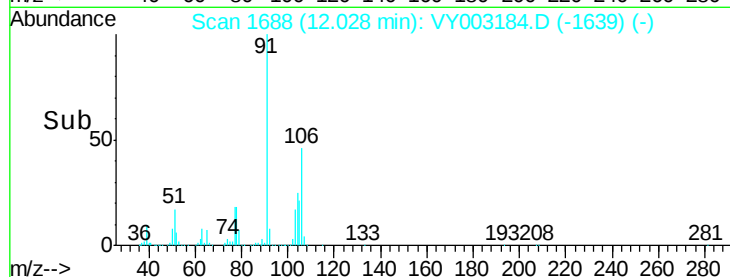
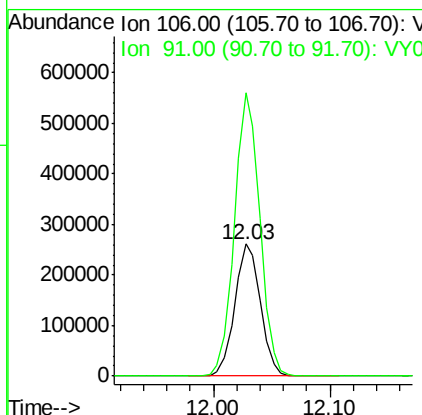
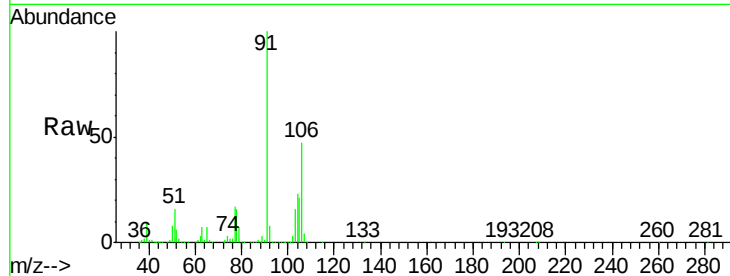
#69  
o-Xylene  
Concen: 50.464 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 211.5 | 105.1 | 315.1 |       |

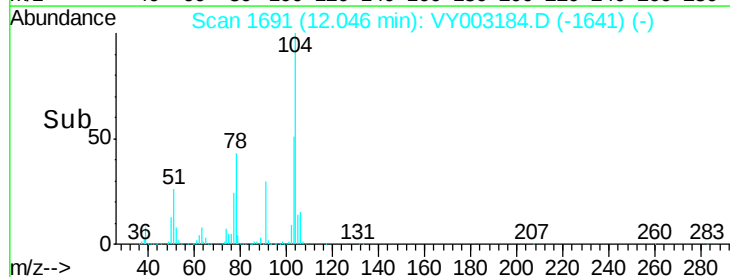
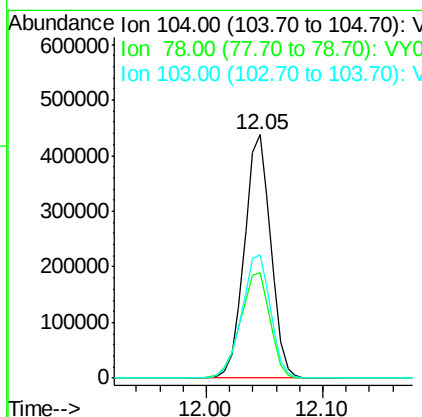
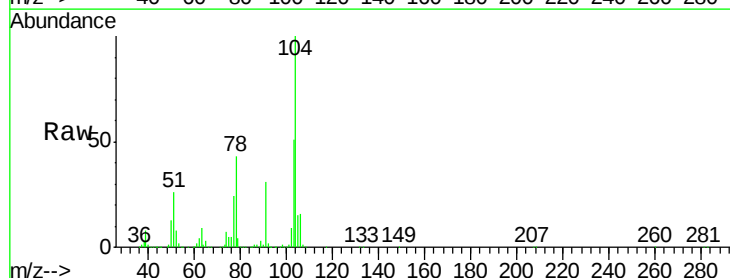
Manual Integrations  
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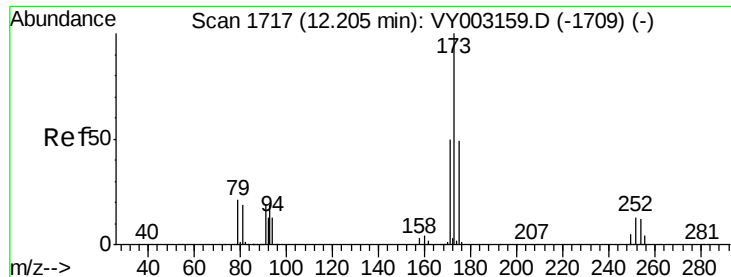
MMDadoda  
7/14/2020 11:37:20 AM



#70  
Styrene  
Concen: 50.902 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 104     | 100  |       |       |       |
| 78      | 48.6 | 38.5  | 57.7  |       |
| 103     | 55.5 | 43.9  | 65.9  |       |





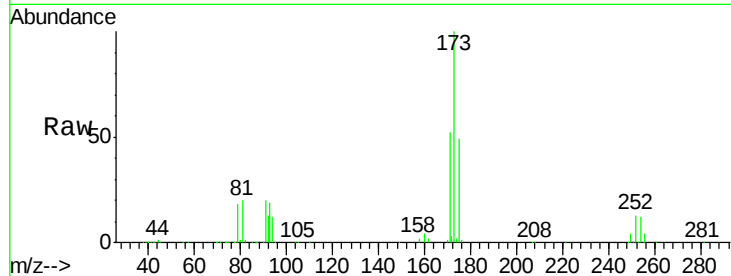
#71  
Bromoform  
Concen: 47.584 ug/l  
RT: 12.21 min Scan# 1718  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.7  | 24.3  | 73.0  |
| 254     | 0.2   | 0.2   | 0.2   |

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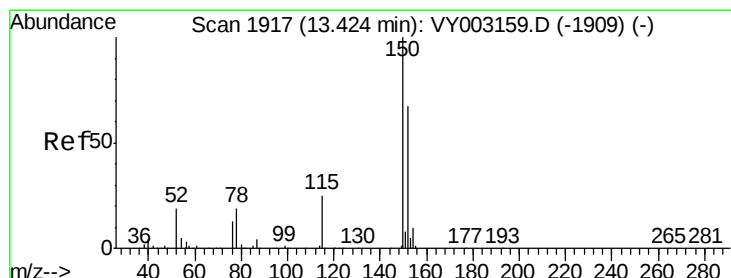
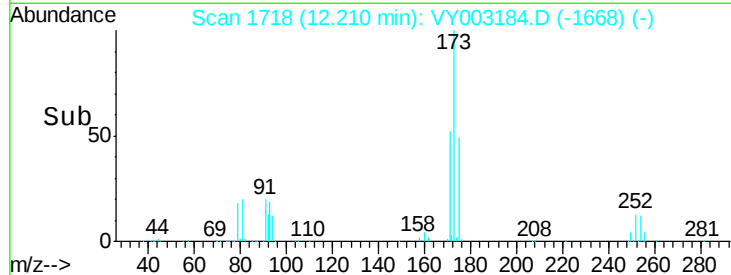
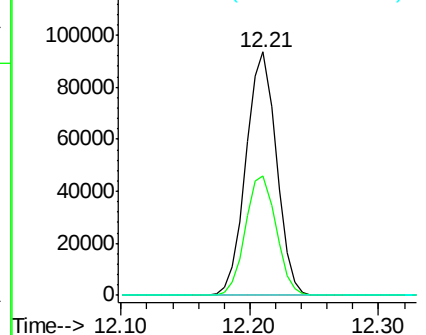


Abundance

Ion 172.70 (172.40 to 173.40): V

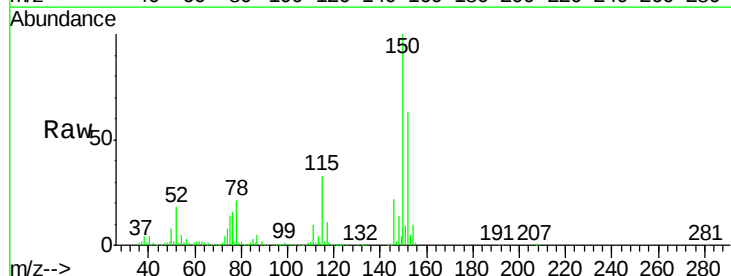
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.43 min Scan# 1918  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.1  | 26.9  | 80.7  |
| 150     | 171.5 | 0.0   | 338.0 |

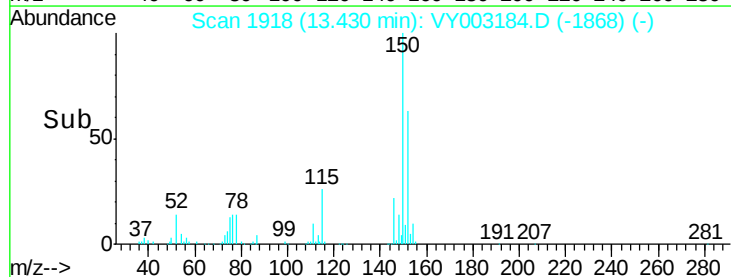
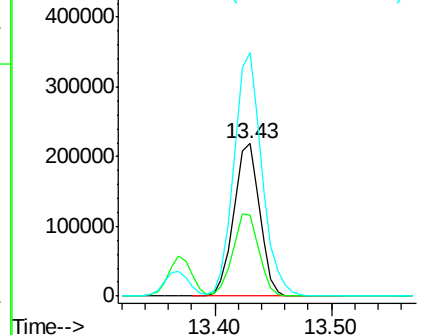


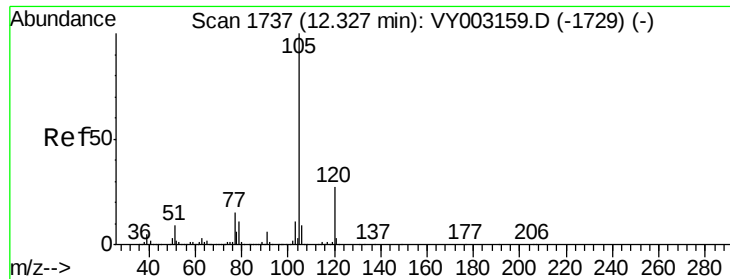
Abundance

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: 50.732 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1097530

Ion Ratio Lower Upper

105 100

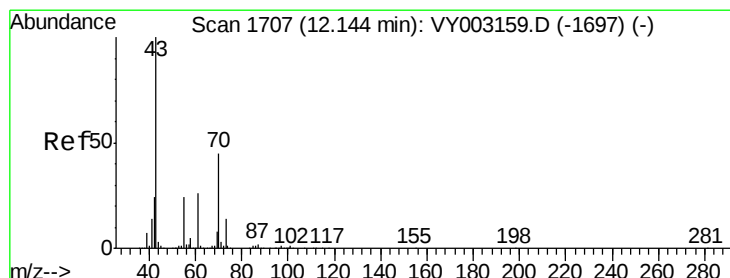
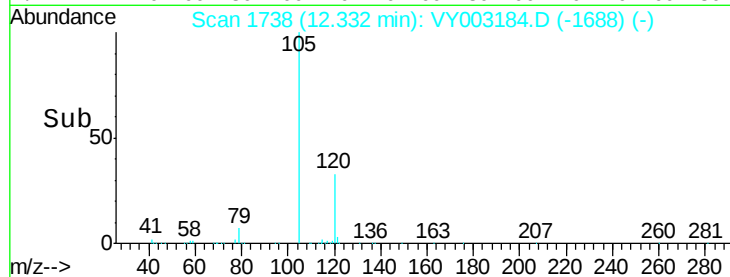
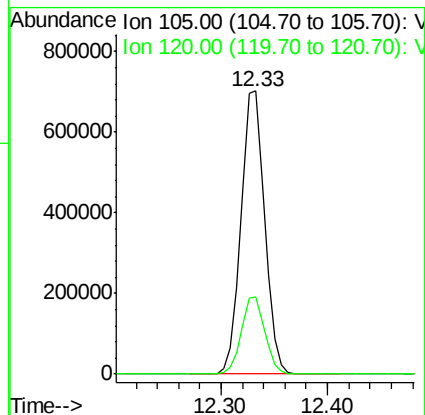
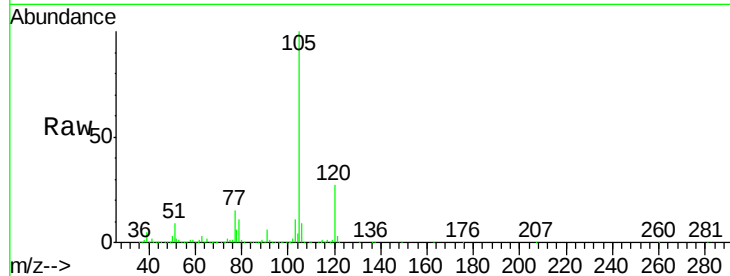
120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 48.747 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Tgt Ion: 43 Resp: 295907

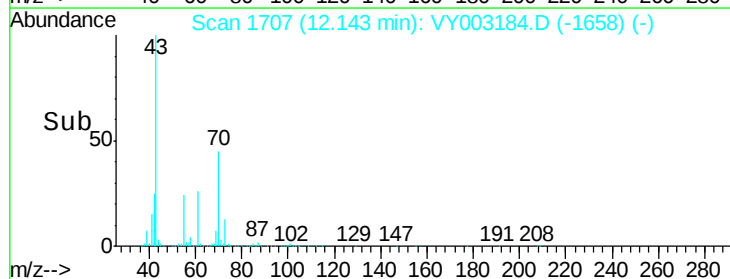
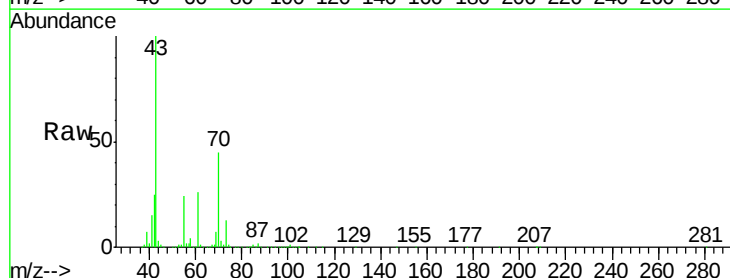
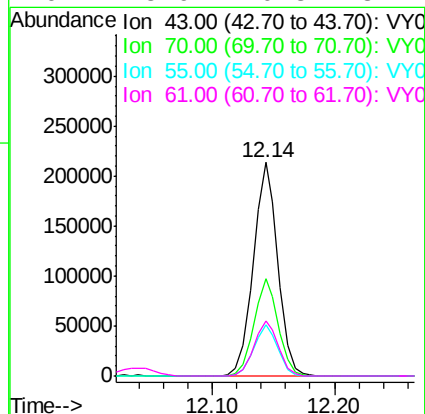
Ion Ratio Lower Upper

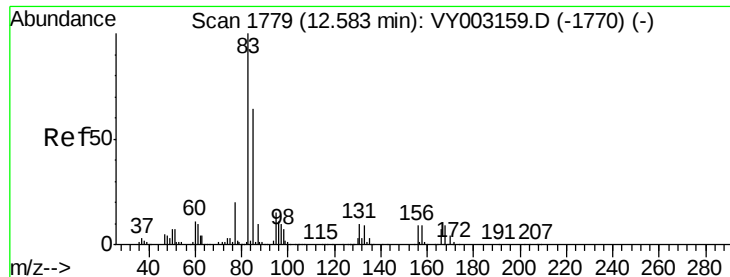
43 100

70 45.4 35.6 53.4

55 24.0 19.4 29.2

61 25.9 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.194 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

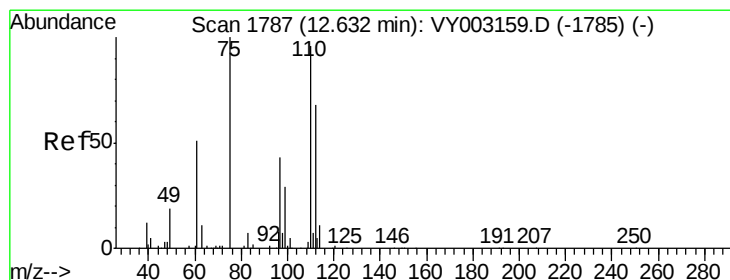
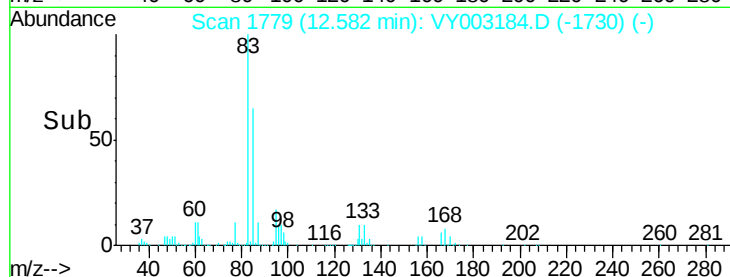
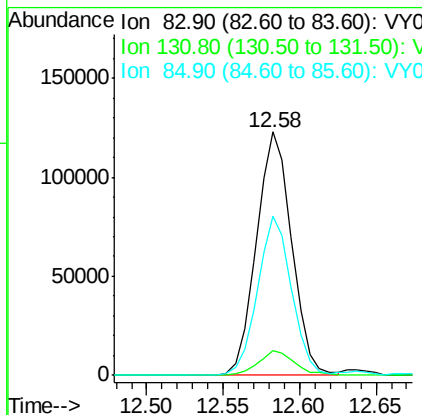
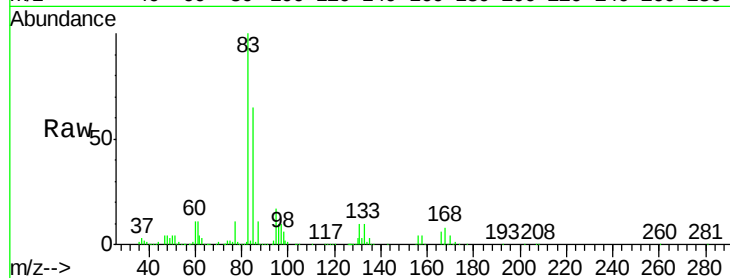
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 197191 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.2   | 15.6   |
| 85        | 63.0  | 32.0  | 96.0   |

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#76

1,2,3-Trichloropropane

Concen: 52.056 ug/l m

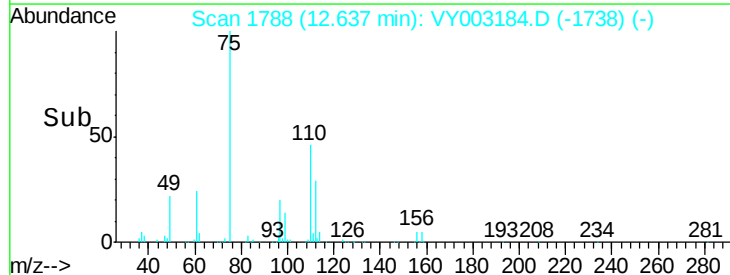
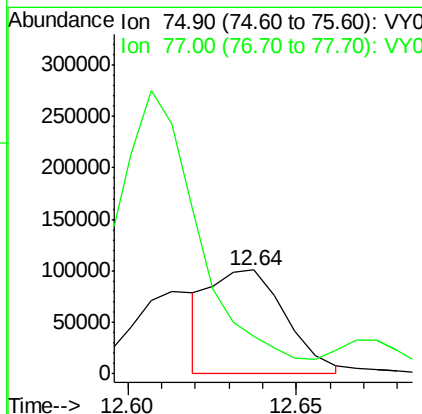
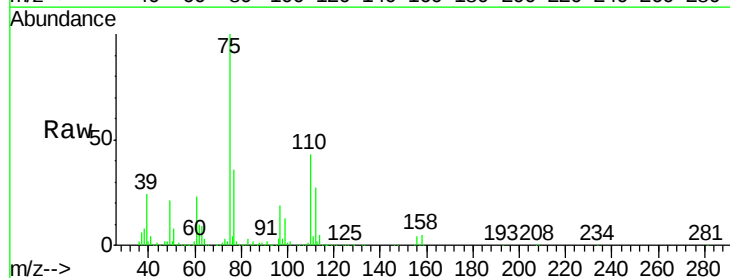
RT: 12.64 min Scan# 1788

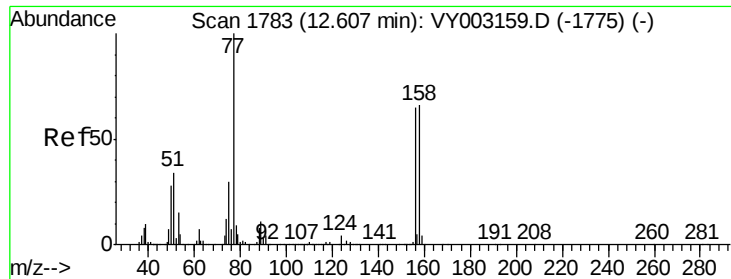
Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 156428 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





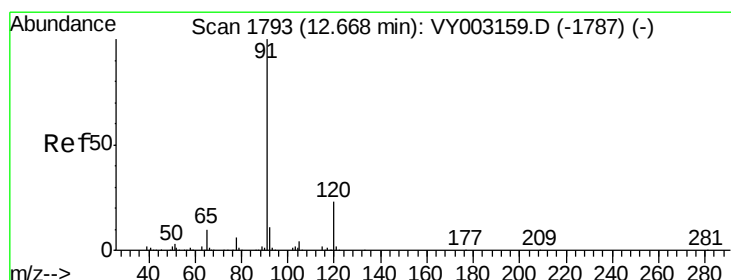
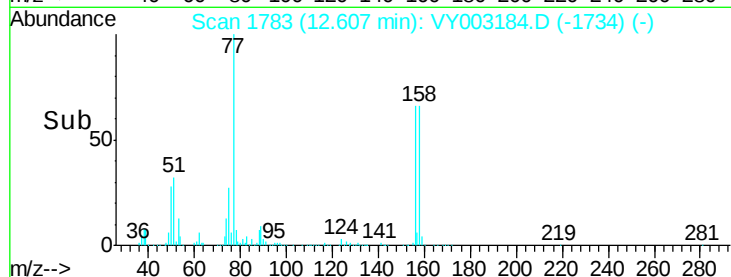
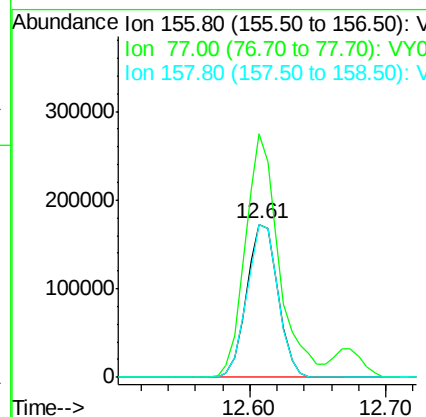
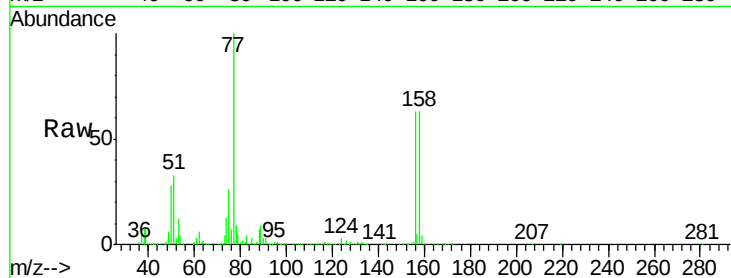
#77  
Bromobenzene  
Concen: 50.408 ug/l  
RT: 12.61 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 171.4 | 86.6  | 259.7 |
| 158     | 98.7  | 49.4  | 148.0 |

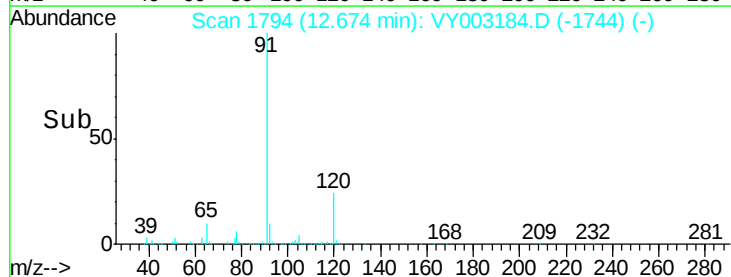
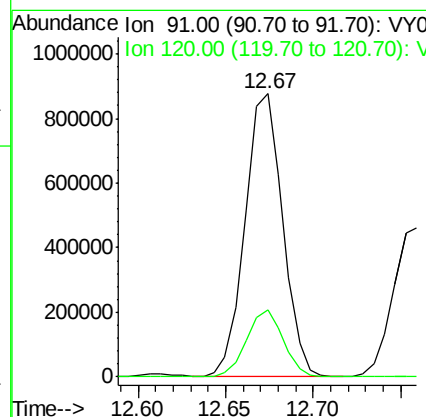
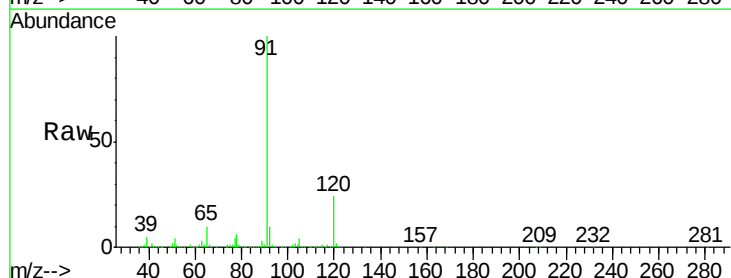
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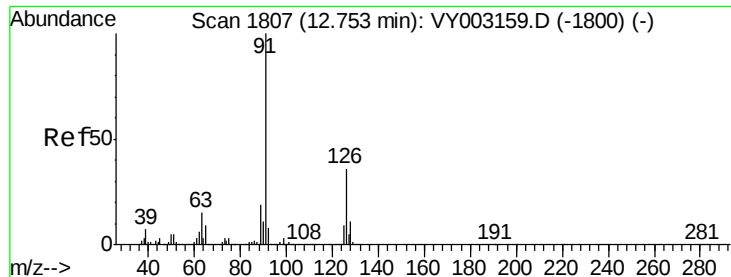
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#78  
n-propylbenzene  
Concen: 51.439 ug/l  
RT: 12.67 min Scan# 1794  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.1  | 11.7  | 35.1  |





#79

2-Chlorotoluene

Concen: 50.848 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 723470

Ion Ratio Lower Upper

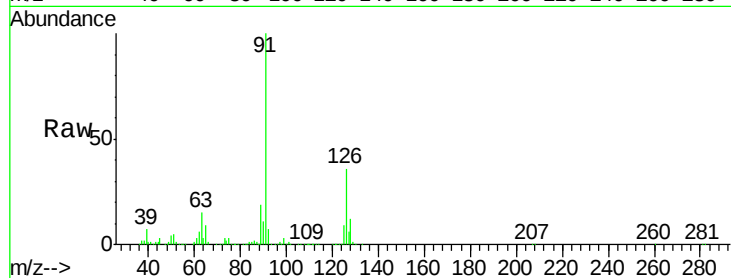
91 100

126 35.4 17.6 52.9

Manual Integrations  
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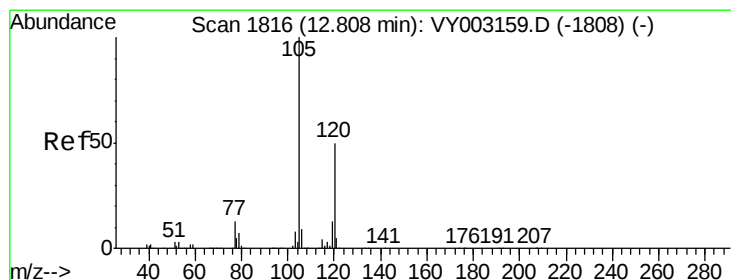
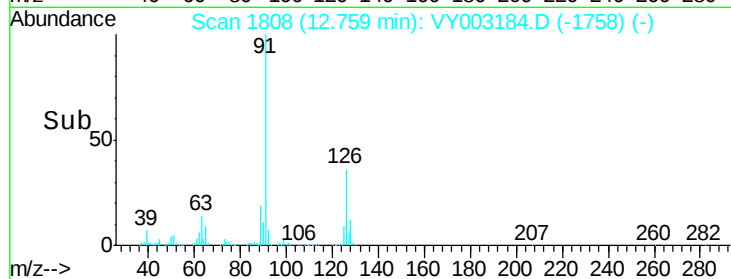
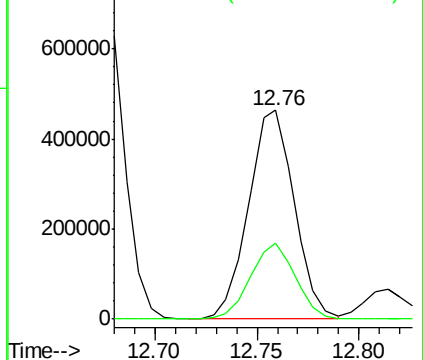
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Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003159.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.184 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003184.D

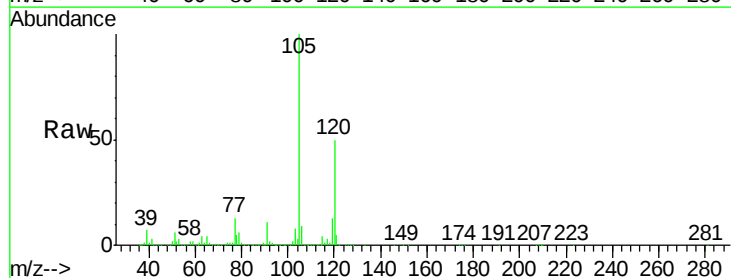
Acq: 13 Jul 2020 16:24

Tgt Ion: 105 Resp: 922892

Ion Ratio Lower Upper

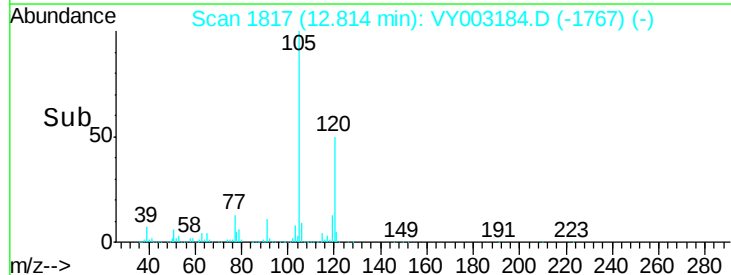
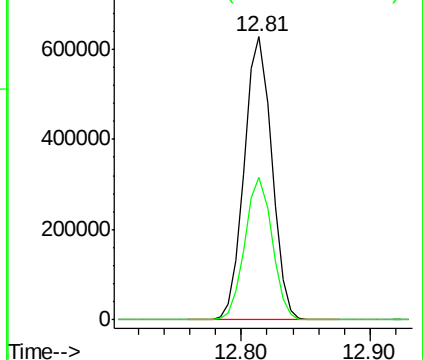
105 100

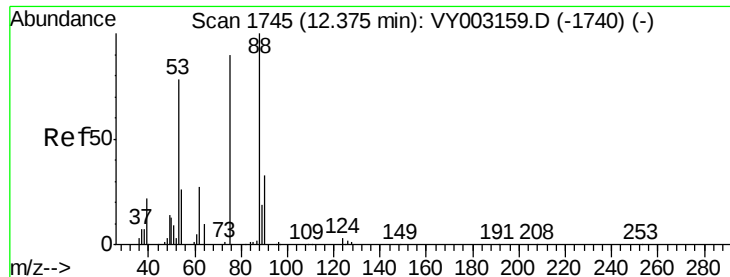
120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003159.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY003159.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.444 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 73256

Ion Ratio Lower Upper

75 100

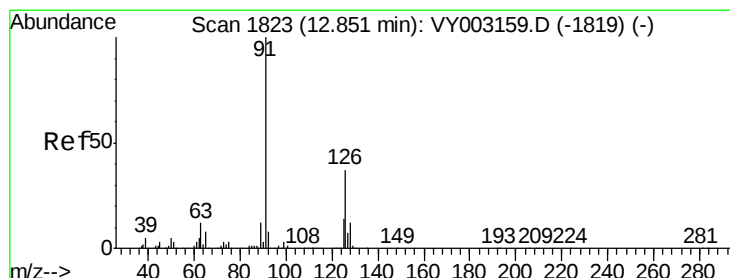
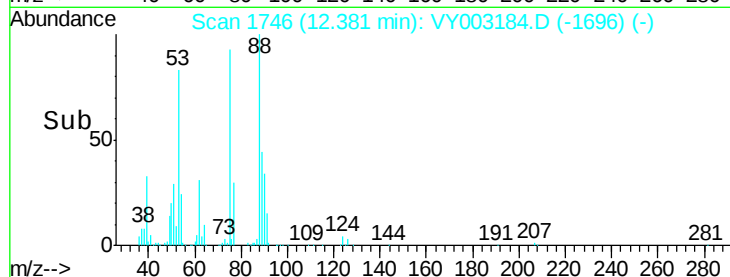
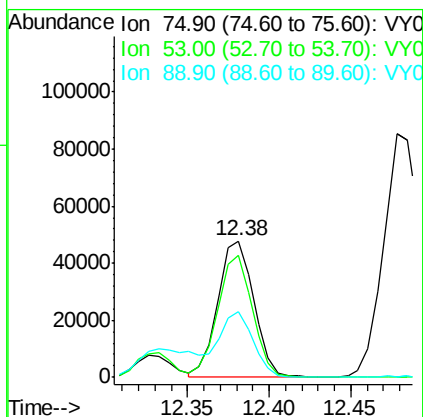
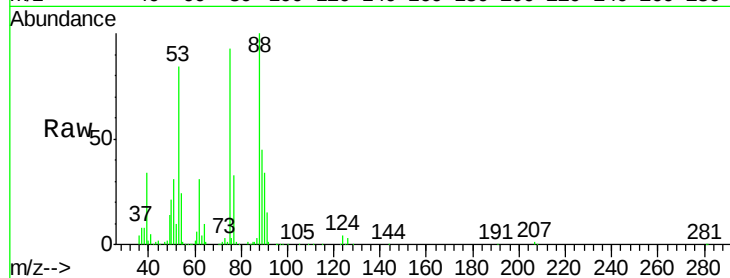
53 87.2 72.0 108.0

89 47.1 37.3 55.9

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#82

4-Chlorotoluene

Concen: 51.340 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003184.D

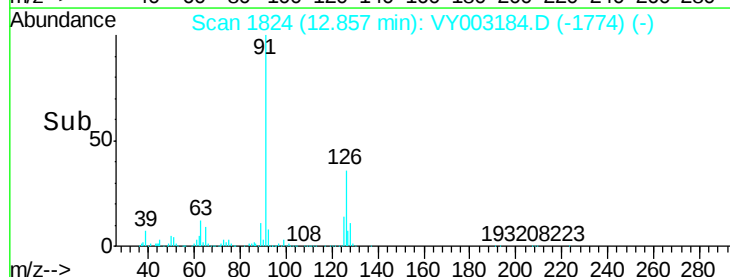
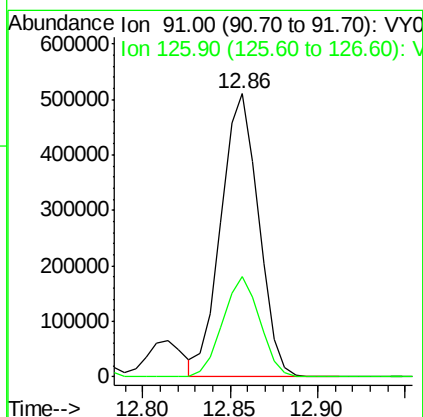
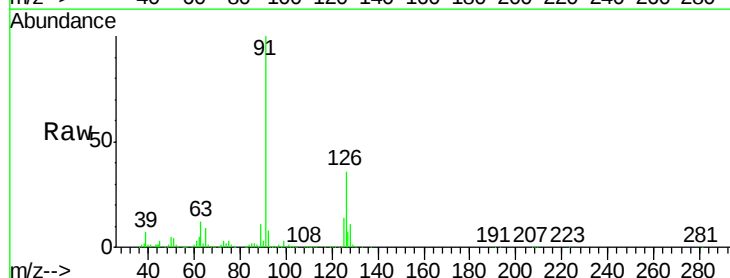
Acq: 13 Jul 2020 16:24

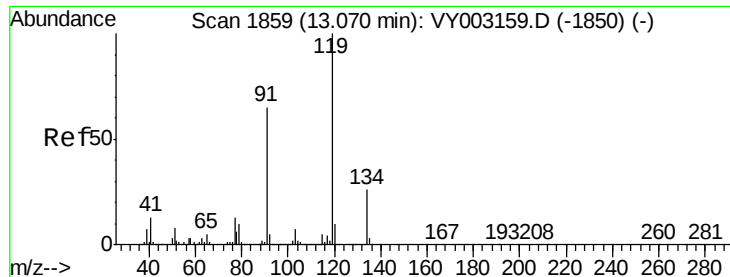
Tgt Ion: 91 Resp: 762433

Ion Ratio Lower Upper

91 100

126 35.1 17.9 53.7





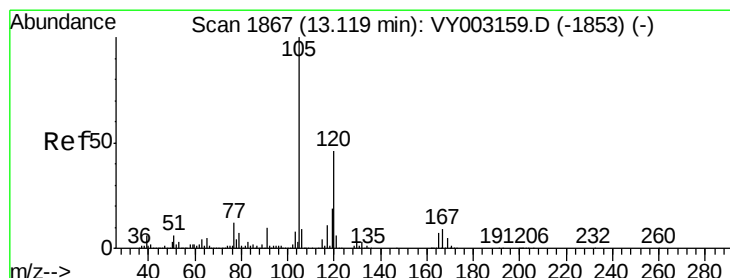
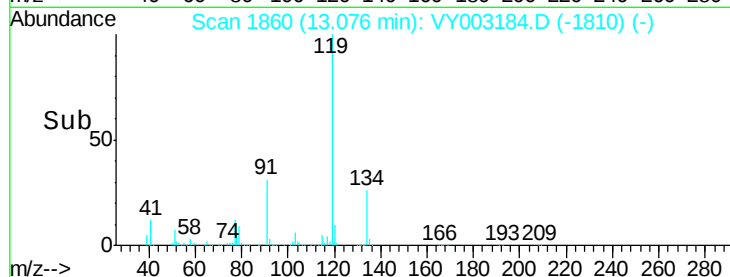
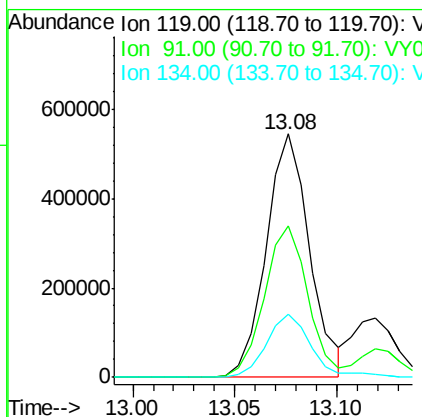
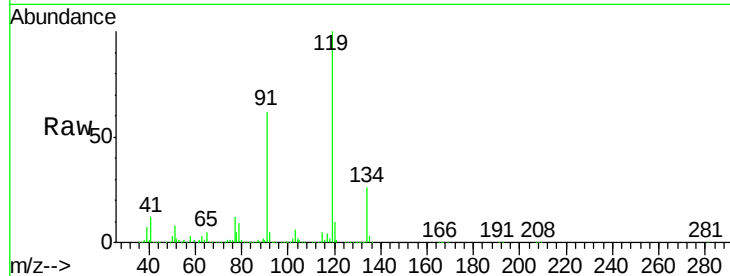
#83  
tert-Butylbenzene  
Concen: 50.752 ug/l  
RT: 13.08 min Scan# 1860  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.9  | 30.8  | 92.4  |
| 134     | 27.1  | 13.2  | 39.6  |

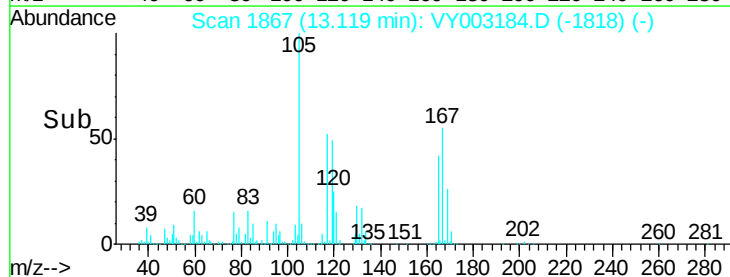
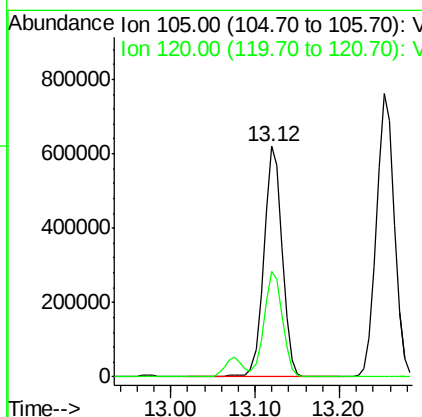
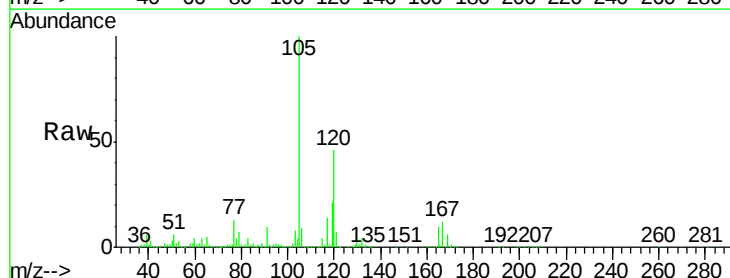
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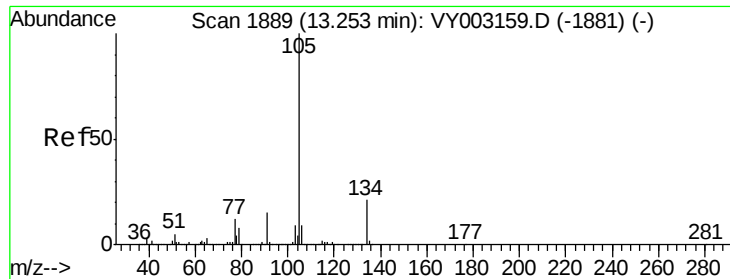
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#84  
1,2,4-Trimethylbenzene  
Concen: 51.268 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.6  | 22.5  | 67.5  |





#85

sec-Butylbenzene

Concen: 51.663 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1129722

Ion Ratio Lower Upper

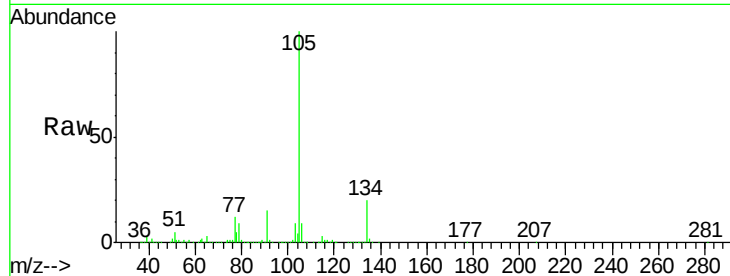
105 100

134 20.5 10.4 31.4

Manual Integrations  
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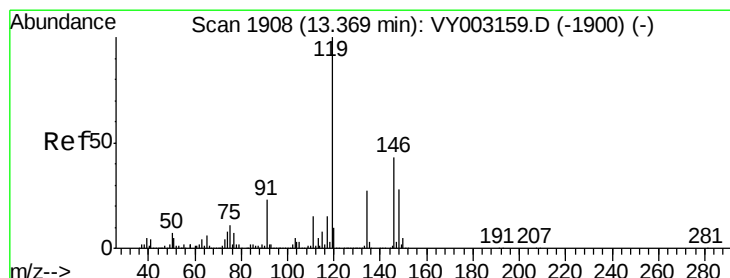
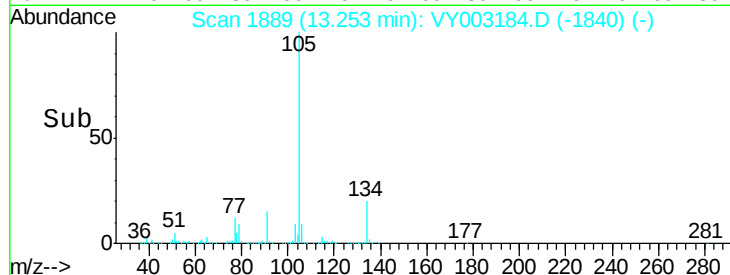
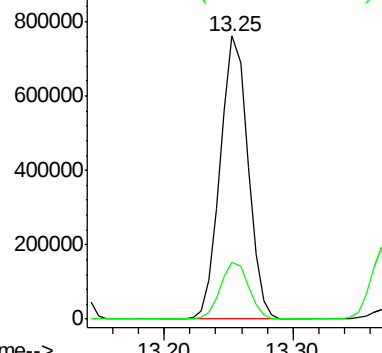
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.162 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

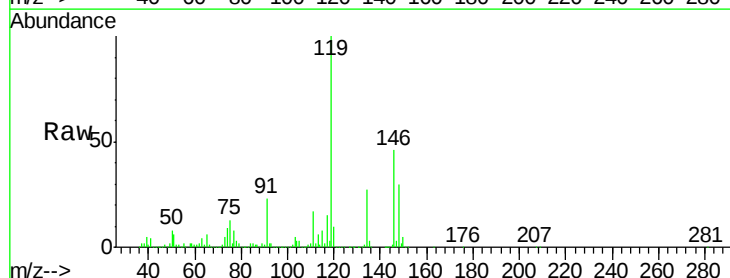
Tgt Ion:119 Resp: 1044601

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

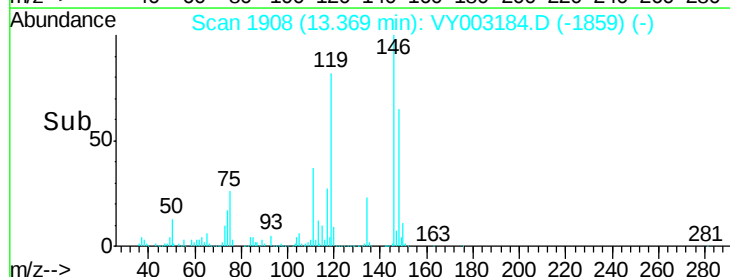
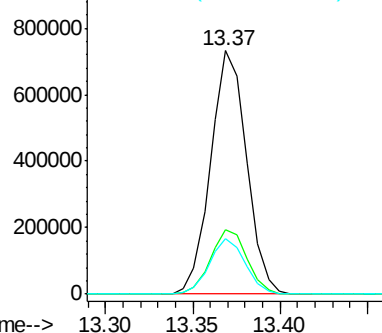
91 22.7 11.2 33.6



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





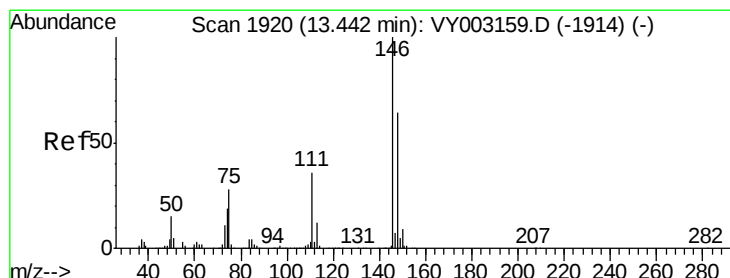
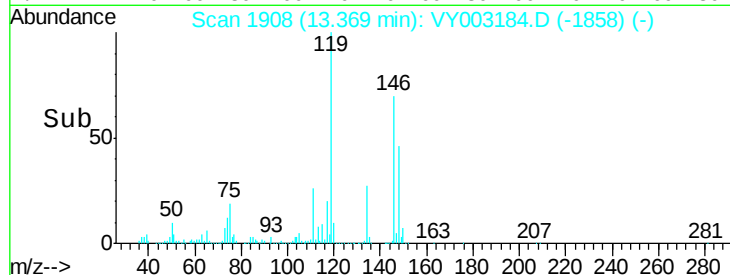
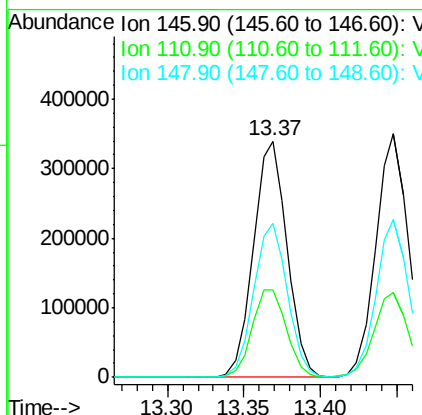
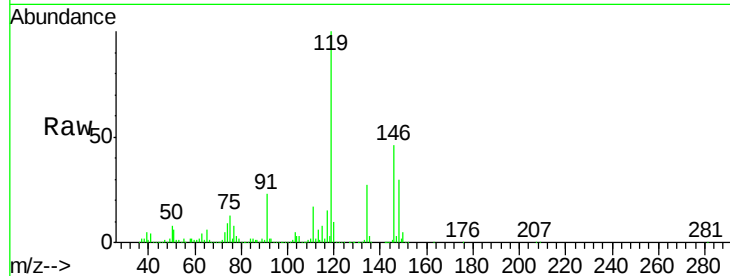
#87  
 1,3-Dichlorobenzene  
 Concen: 49.920 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. 0.01 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 18.8  | 56.3  |
| 148     | 65.2  | 32.3  | 96.9  |

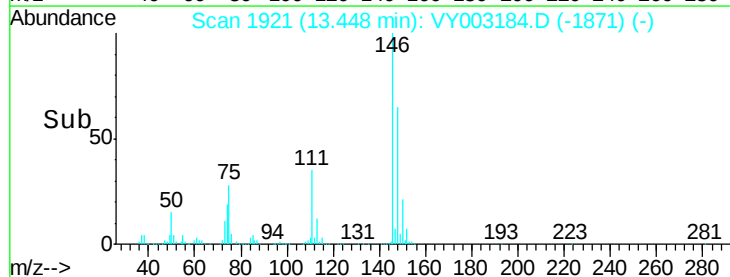
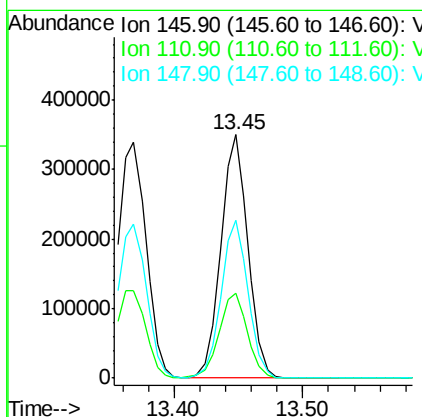
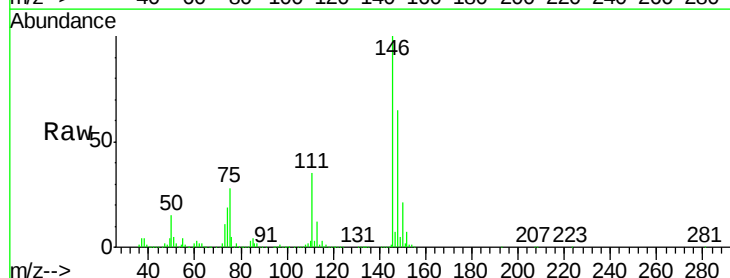
Manual Integrations  
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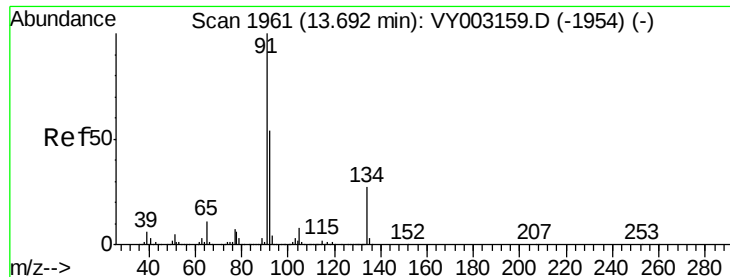
MMDadoda  
 7/14/2020 11:37:20 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.908 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. 0.01 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.4  | 18.4  | 55.0  |
| 148     | 65.0  | 32.0  | 96.0  |





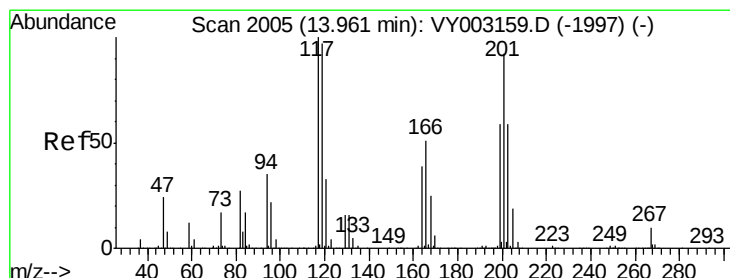
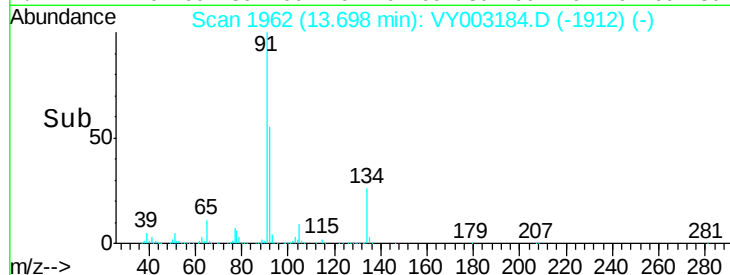
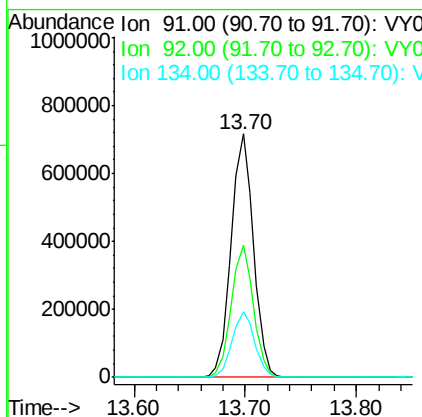
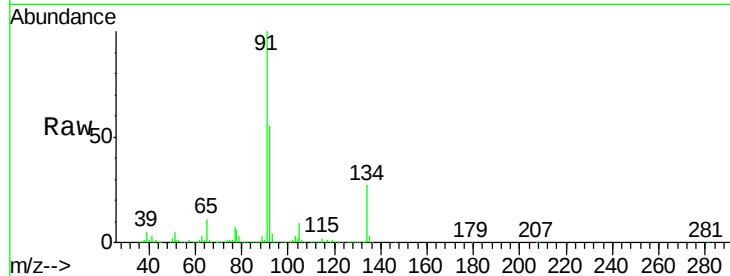
#89  
n-Butylbenzene  
Concen: 51.584 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 53.8  | 26.9 | 80.7  |       |
| 134     | 27.1  | 13.6 | 40.7  |       |

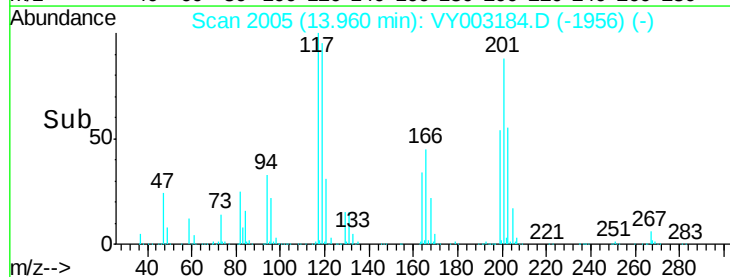
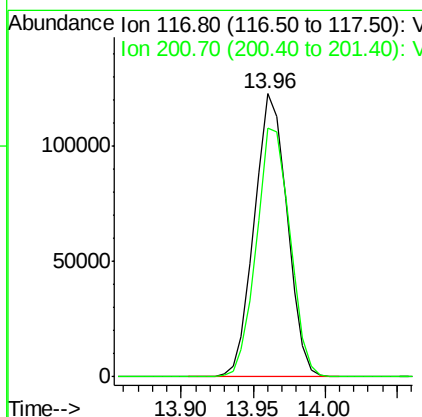
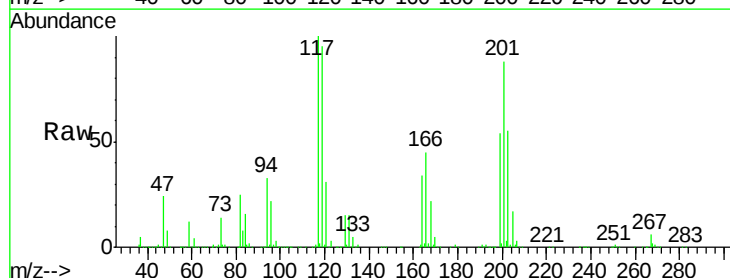
Manual Integrations  
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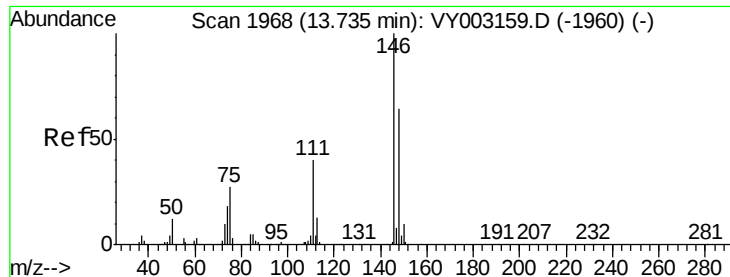
MMDadoda  
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#90  
Hexachloroethane  
Concen: 52.033 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. -0.00 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 89.9  | 45.1 | 135.3 |       |





#91

1,2-Dichlorobenzene

Concen: 50.135 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

Instrument :

MSVOA\_Y

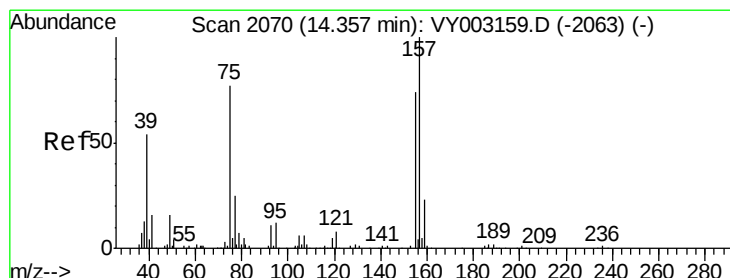
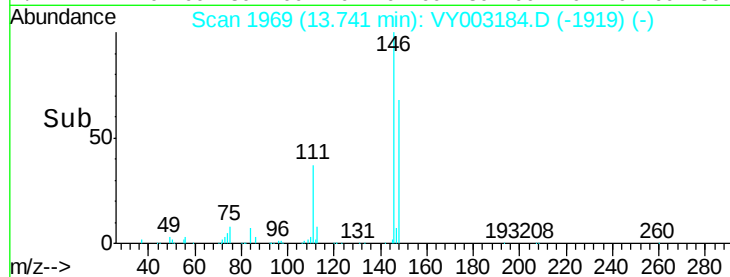
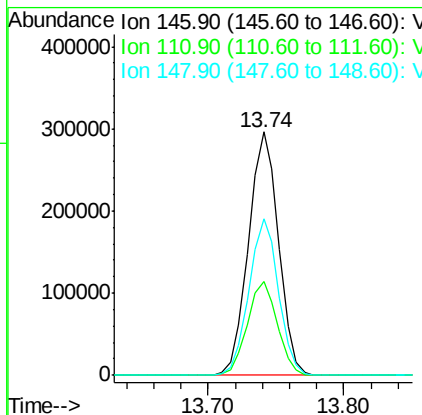
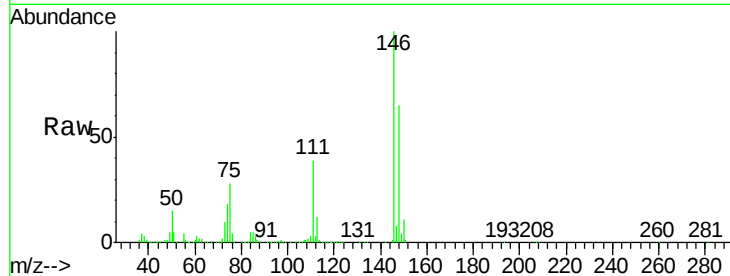
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 458816 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.4  | 19.6  | 58.8   |
| 148       | 63.4  | 32.4  | 97.0   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 42.190 ug/l

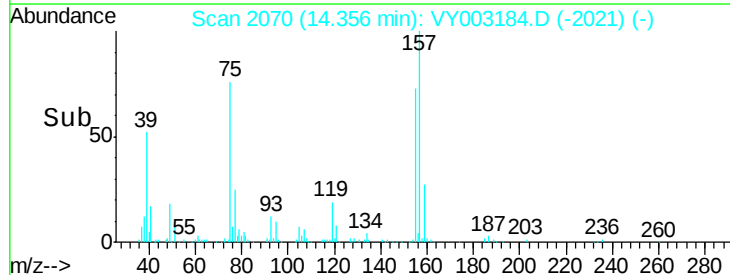
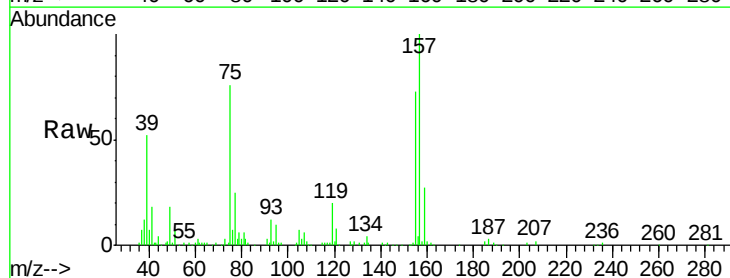
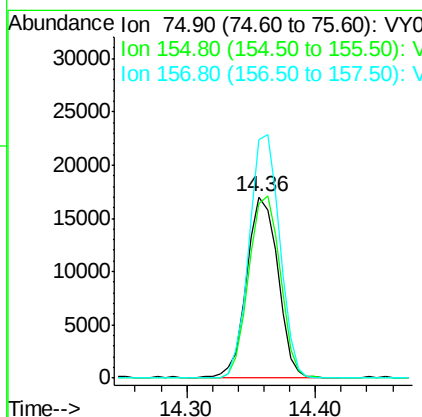
RT: 14.36 min Scan# 2070

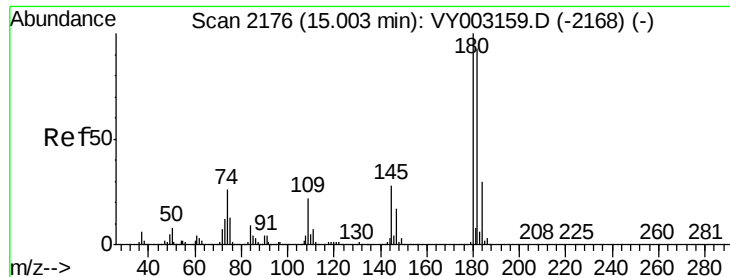
Delta R.T. -0.00 min

Lab File: VY003184.D

Acq: 13 Jul 2020 16:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 28579 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 101.0 | 48.1  | 144.3 |
| 157       | 130.4 | 61.9  | 185.6 |





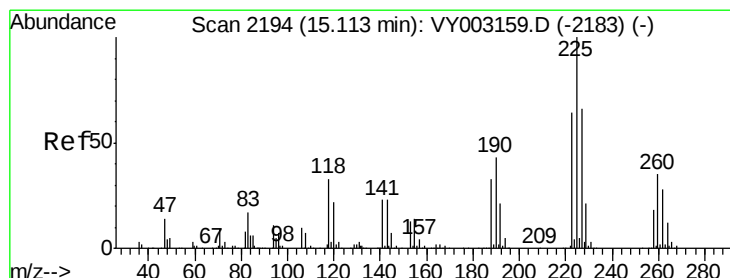
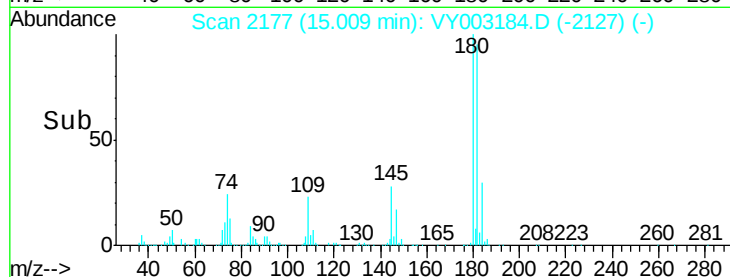
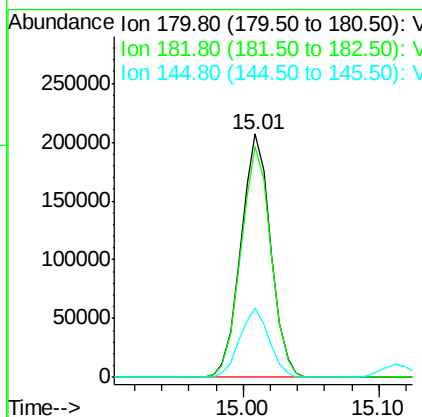
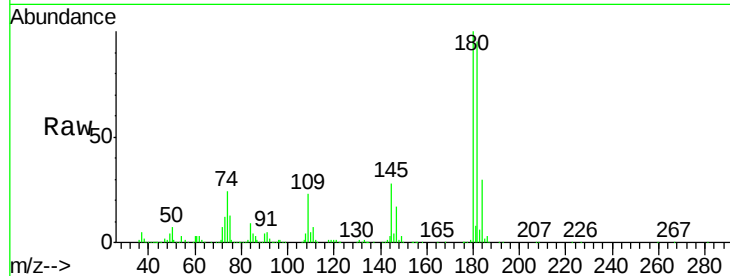
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.420 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. 0.01 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 315237 |       |       |
| 182     | 95.7  | 47.3   | 142.0 |       |
| 145     | 28.1  | 13.7   | 41.1  |       |

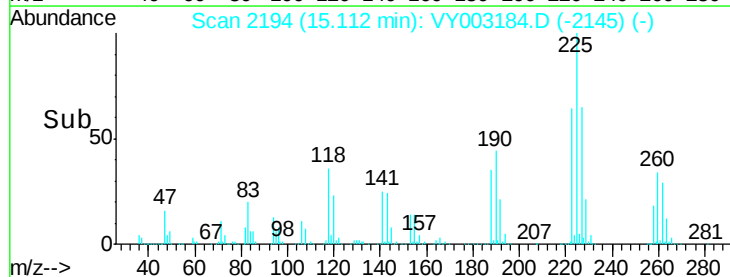
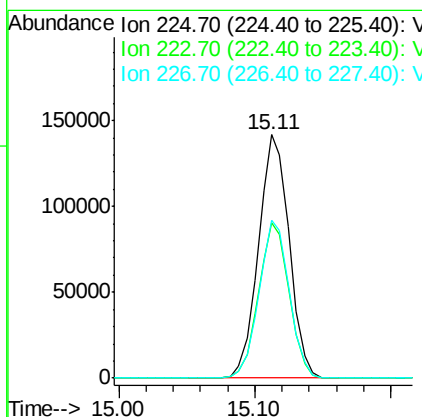
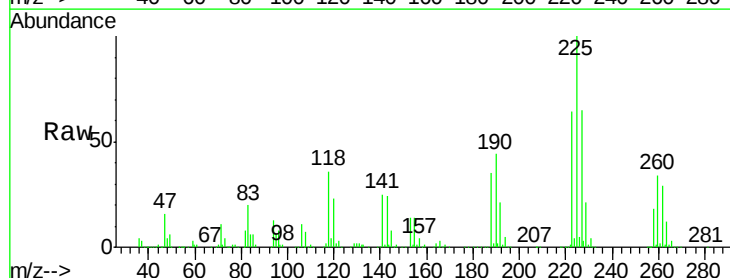
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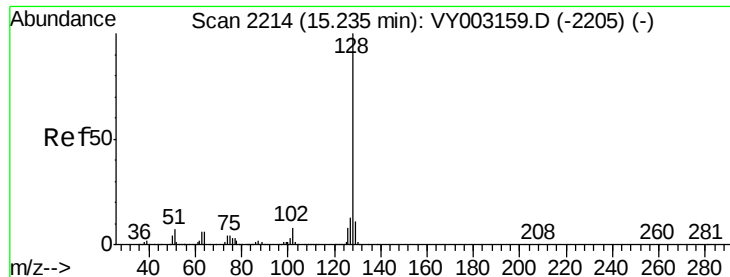
MMDadoda  
 7/14/2020 11:37:20 AM



#94  
 Hexachlorobutadiene  
 Concen: 50.344 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. -0.00 min  
 Lab File: VY003184.D  
 Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 224587 |       |       |
| 223     | 63.6  | 31.6   | 94.7  |       |
| 227     | 63.9  | 32.3   | 96.8  |       |





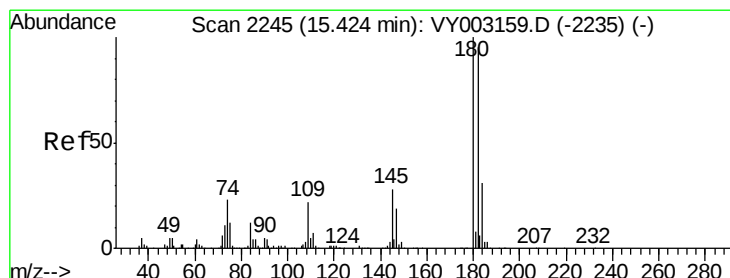
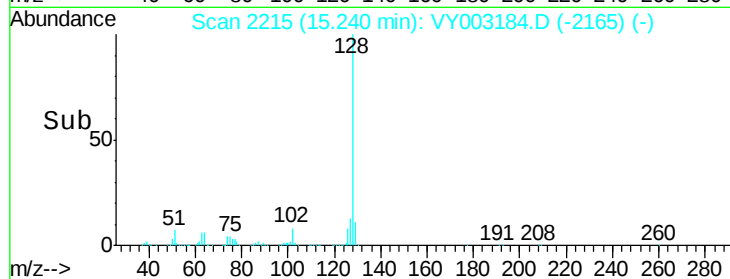
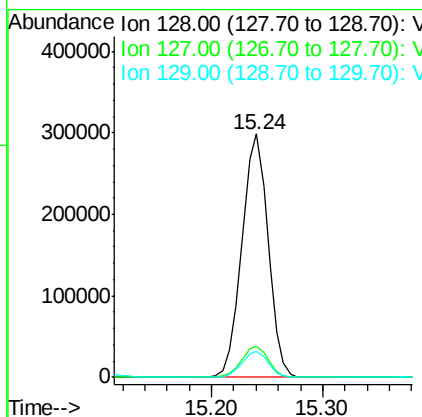
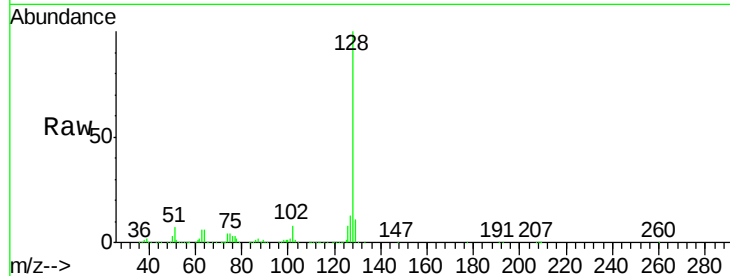
#95  
Naphthalene  
Concen: 45.392 ug/l  
RT: 15.24 min Scan# 2215  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.9  | 16.3  |
| 129     | 10.8  | 9.0   | 13.6  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 45.726 ug/l  
RT: 15.43 min Scan# 2246  
Delta R.T. 0.01 min  
Lab File: VY003184.D  
Acq: 13 Jul 2020 16:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 48.8  | 146.3 |
| 145     | 29.3  | 14.9  | 44.5  |

