

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\  
 Data File : VY003336.D  
 Acq On : 24 Jul 2020 16:49  
 Operator : SY/MD  
 Sample : VY0724SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2020 12:03:25 PM

Quant Time: Jul 25 02:22:13 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  | 486200   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 719638   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 659210   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 362191   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.14   | 65  | 202268   | 49.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.58% |      |
| 35) Dibromofluoromethane  | 7.72   | 113 | 194651   | 47.00 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.00% |      |
| 50) Toluene-d8            | 10.18  | 98  | 698135   | 45.34 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.68% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 259890   | 46.72 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.44% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 75407  | 21.639  | ug/l | 99     |
| 3) Chloromethane              | 2.12 | 50  | 93470  | 19.337  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.25 | 62  | 103597 | 20.889  | ug/l | 96     |
| 5) Bromomethane               | 2.64 | 94  | 79607  | 21.611  | ug/l | 95     |
| 6) Chloroethane               | 2.79 | 64  | 67820  | 20.820  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 151512 | 21.392  | ug/l | 96     |
| 8) Diethyl Ether              | 3.53 | 74  | 53036  | 22.347  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 89042  | 20.816  | ug/l | 99     |
| 10) Methyl Iodide             | 4.10 | 142 | 93363  | 20.090  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.96 | 59  | 56699  | 127.775 | ug/l | 95     |
| 12) 1,1-Dichloroethene        | 3.87 | 96  | 83756  | 20.702  | ug/l | 98     |
| 13) Acrolein                  | 3.73 | 56  | 27705  | 71.932  | ug/l | 97     |
| 14) Allyl chloride            | 4.49 | 41  | 132077 | 22.001  | ug/l | 95     |
| 15) Acrylonitrile             | 5.17 | 53  | 129007 | 113.160 | ug/l | 98     |
| 16) Acetone                   | 3.96 | 43  | 108038 | 117.863 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.20 | 76  | 256039 | 20.624  | ug/l | 99     |
| 18) Methyl Acetate            | 4.49 | 43  | 61772  | 24.266  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 243202 | 21.450  | ug/l | 98     |
| 20) Methylene Chloride        | 4.72 | 84  | 134858 | 26.677  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96  | 96707  | 21.133  | ug/l | 98     |
| 22) Diisopropyl ether         | 6.13 | 45  | 295888 | 22.208  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.07 | 43  | 969265 | 109.145 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 6.02 | 63  | 168098 | 21.777  | ug/l | 99     |
| 25) 2-Butanone                | 6.99 | 43  | 170597 | 113.350 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 150541 | 21.656  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96  | 107017 | 21.241  | ug/l | 98     |
| 28) Bromochloromethane        | 7.34 | 49  | 75730  | 22.660  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.35 | 42  | 115901 | 114.633 | ug/l | 97     |
| 30) Chloroform                | 7.51 | 83  | 169973 | 21.380  | ug/l | 97     |
| 31) Cyclohexane               | 7.79 | 56  | 159843 | 21.415  | ug/l | 94     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 152270 | 21.275  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.92 | 75  | 134306 | 20.592  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.08 | 43  | 78110  | 22.238  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 138428 | 20.559  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\  
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 Sample : VY0724SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/27/2020 12:03:25 PM

Quant Time: Jul 25 02:22:13 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          | 9.18  | 83   | 164454   | 20.071  | ug/l   | 97       |
| 40) Benzene                    | 8.16  | 78   | 373551   | 20.800  | ug/l   | 95       |
| 41) Methacrylonitrile          | 7.33  | 41   | 40578m   | 19.182  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 115449   | 20.881  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.27  | 43   | 144805   | 21.299  | ug/l   | 100      |
| 44) Trichloroethene            | 8.94  | 130  | 106993   | 19.434  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 99446    | 21.400  | ug/l   | 100      |
| 46) Dibromomethane             | 9.31  | 93   | 55798    | 20.558  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 136219   | 21.102  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.30  | 41   | 64202    | 21.123  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 14784    | 429.183 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 386159   | 109.275 | ug/l   | 98       |
| 52) Toluene                    | 10.24 | 92   | 237162   | 20.661  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 142055   | 21.240  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 162232   | 21.053  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 80456    | 20.919  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 108360   | 20.724  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 139248   | 21.353  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 304967   | 114.361 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.83 | 43   | 265242   | 107.522 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.99 | 129  | 100575   | 20.791  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 77791    | 20.493  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.72 | 164  | 111627   | 18.992  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.52 | 112  | 261681   | 20.606  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 103368   | 20.957  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 466290   | 20.564  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 350040   | 40.686  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 165704   | 20.617  | ug/l   | 100      |
| 70) Styrene                    | 12.04 | 104  | 284487   | 20.691  | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 67514    | 20.855  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.33 | 105  | 458924   | 19.883  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 133048   | 20.544  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 93958    | 21.077  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 66545m   | 20.756  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 118817   | 20.195  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.67 | 91   | 547527   | 20.124  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 306530   | 20.193  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 384419   | 19.983  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 34844    | 21.152  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 327671   | 20.681  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 333660   | 19.657  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 390800   | 20.190  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 474956   | 20.358  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 440338   | 20.214  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 225659   | 20.282  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 222620   | 20.210  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.69 | 91   | 424040   | 20.695  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 82888    | 20.894  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.73 | 146  | 207015   | 21.202  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 14805    | 20.485  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\  
Data File : VY003336.D  
Acq On : 24 Jul 2020 16:49  
Operator : SY/MD  
Sample : VY0724SBSD01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBSD01

Manual Integrations  
APPROVED

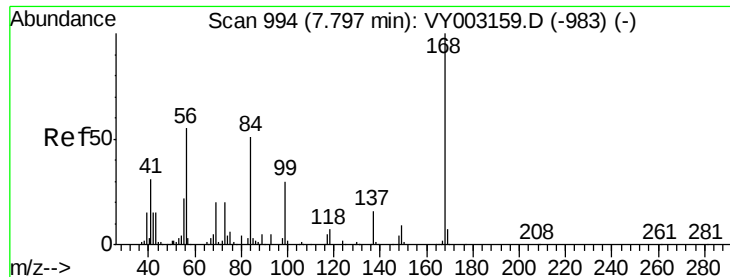
MMDadoda  
7/27/2020 12:03:25 PM

Quant Time: Jul 25 02:22:13 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) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 149971   | 21.591 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 95493    | 20.064 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 250869   | 21.854 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 120844   | 22.009 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion:168 Resp: 486200

Ion Ratio Lower Upper

168 100

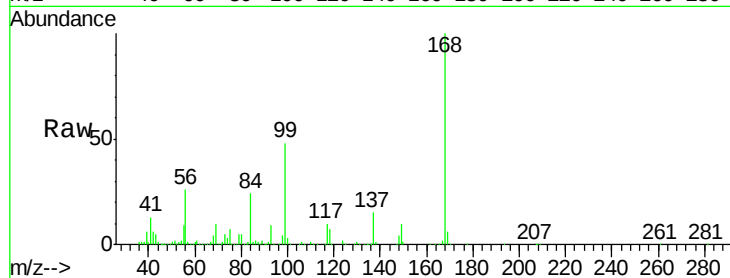
99 48.3 37.3 55.9

Manual Integrations

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7/27/2020 12:03:25 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003336.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003336.D (-945) (-)

7.80

250000

200000

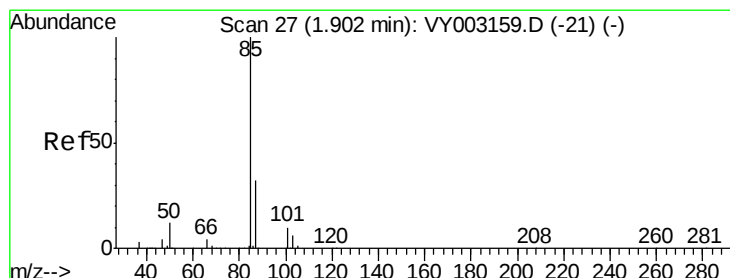
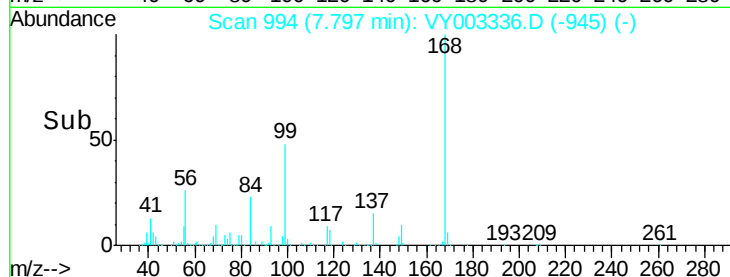
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.639 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003336.D

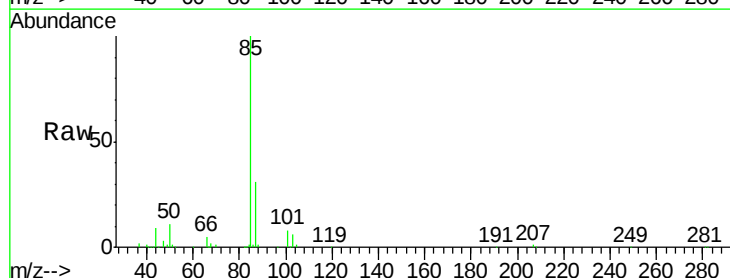
Acq: 24 Jul 2020 16:49

Tgt Ion: 85 Resp: 75407

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003336.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003336.D (-1) (-)

1.90

50000

40000

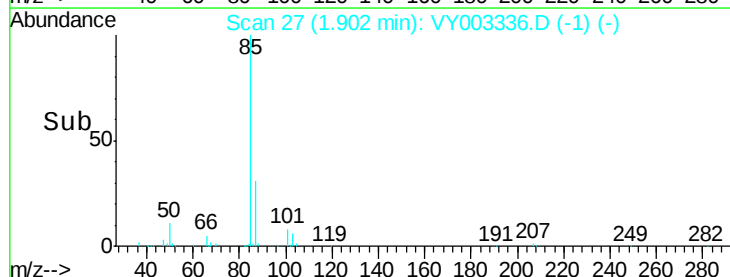
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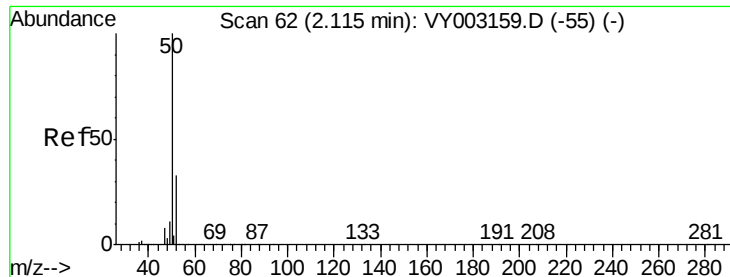
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.337 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 50 Resp: 93470

Ion Ratio Lower Upper

50 100

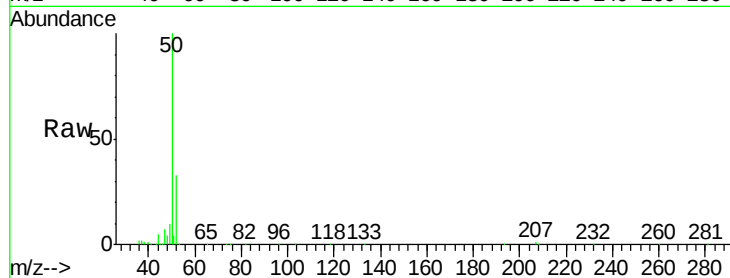
52 32.7 26.6 39.8

Manual Integrations

APPROVED

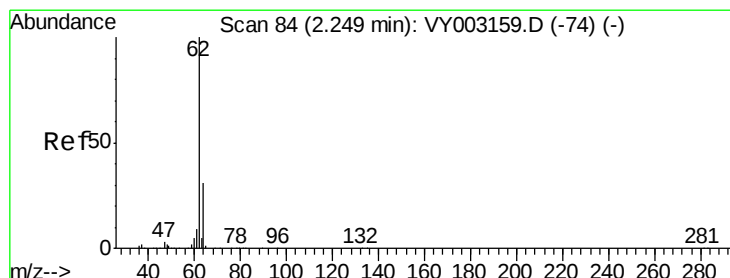
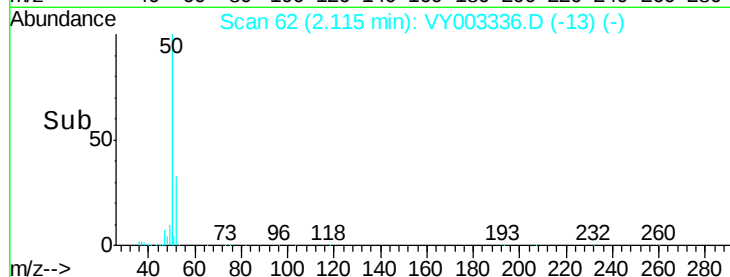
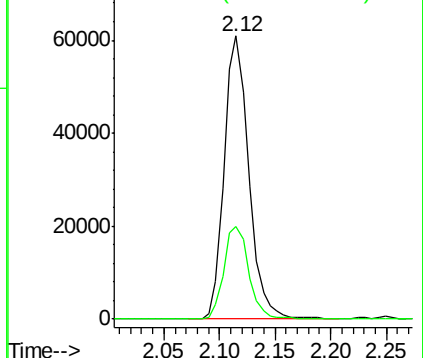
MMDadoda

7/27/2020 12:03:25 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.889 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY003336.D

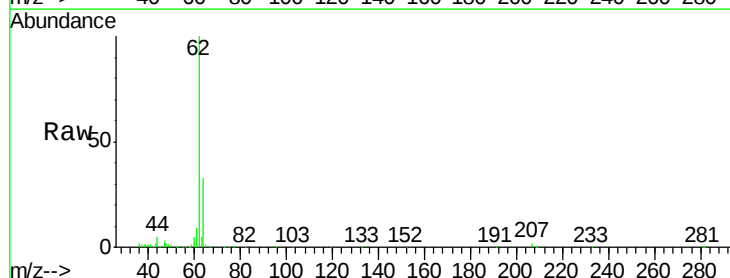
Acq: 24 Jul 2020 16:49

Tgt Ion: 62 Resp: 103597

Ion Ratio Lower Upper

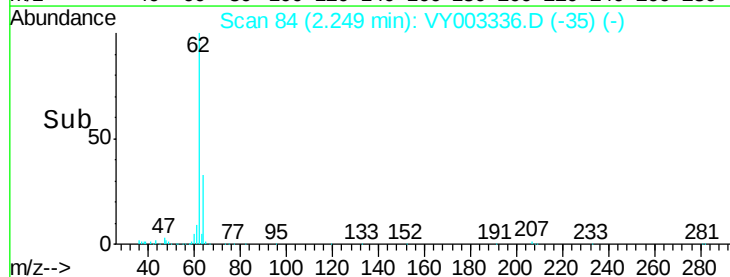
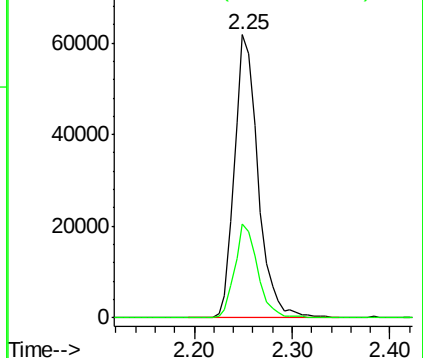
62 100

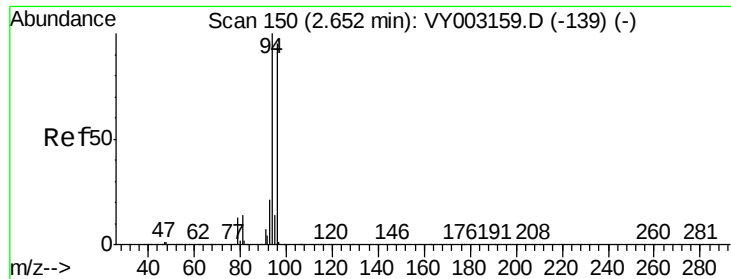
64 33.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.611 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 94 Resp: 79607

Ion Ratio Lower Upper

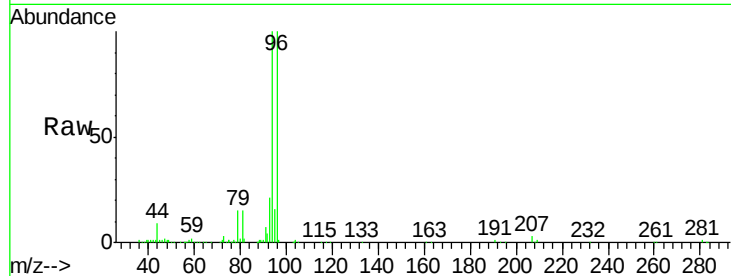
94 100

96 99.7 76.0 114.0

Manual Integrations  
APPROVED

MMDadoda

7/27/2020 12:03:25 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

40000

30000

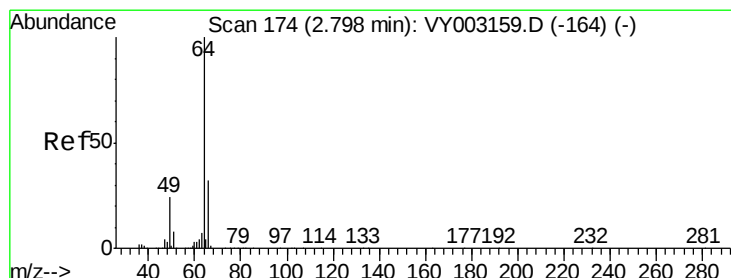
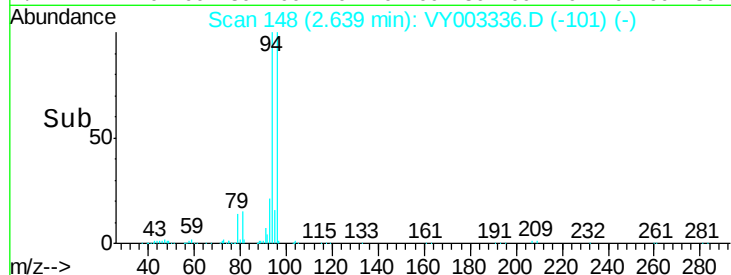
20000

10000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 20.820 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003336.D

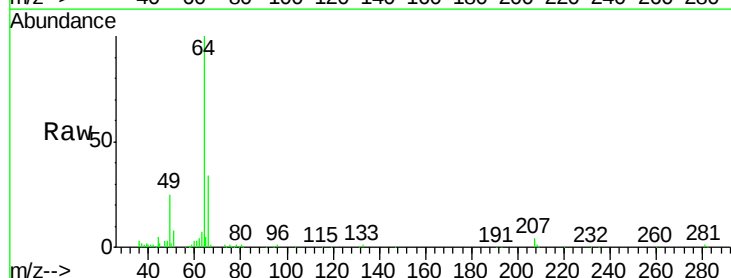
Acq: 24 Jul 2020 16:49

Tgt Ion: 64 Resp: 67820

Ion Ratio Lower Upper

64 100

66 34.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

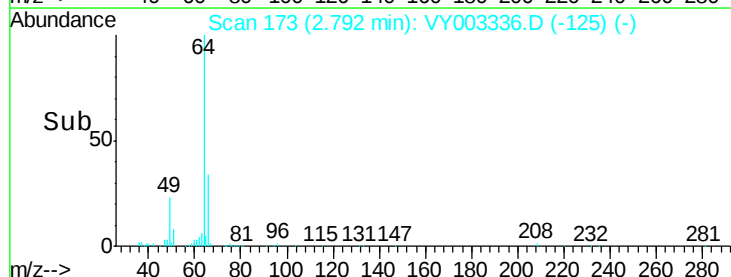
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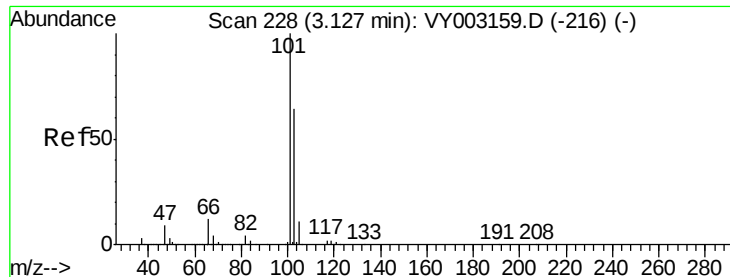
10000

0

Time-->

2.70 2.80 2.90





#7

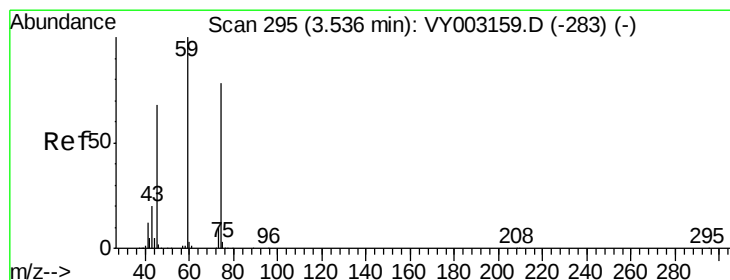
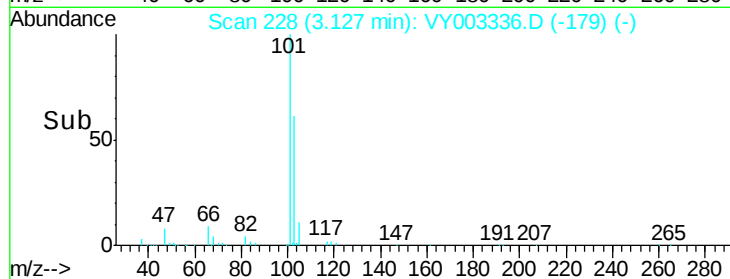
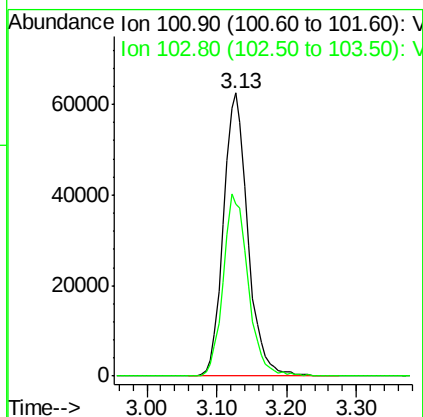
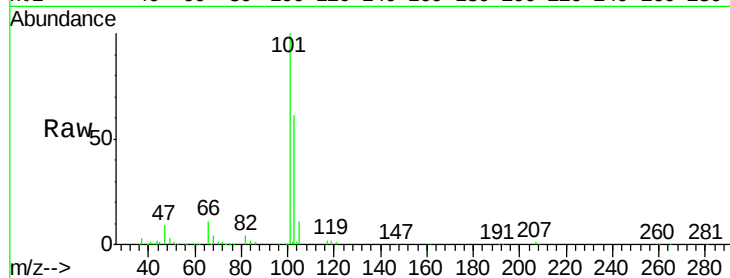
Trichlorofluoromethane  
Concen: 21.392 ug/l  
RT: 3.13 min Scan# 228  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 61.0  | 51.3  | 76.9  |

Manual Integrations  
APPROVED

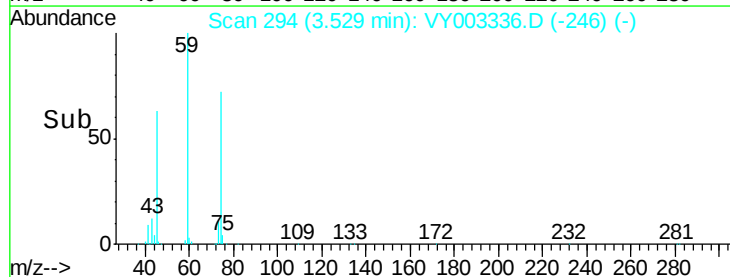
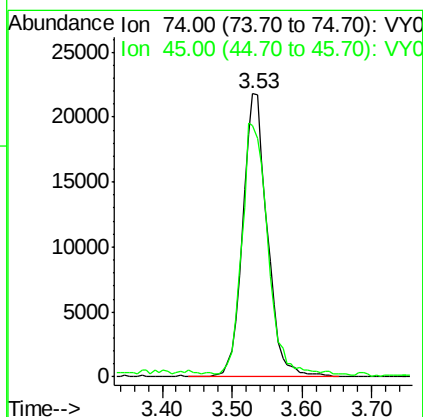
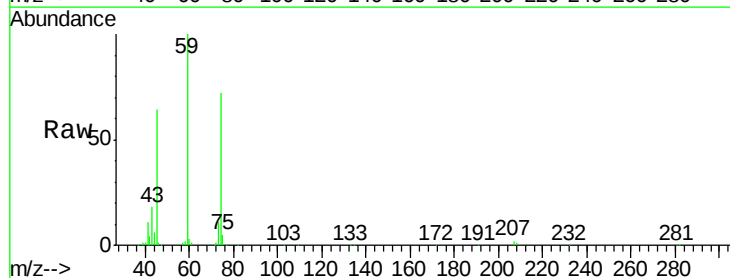
MMDadoda  
7/27/2020 12:03:25 PM

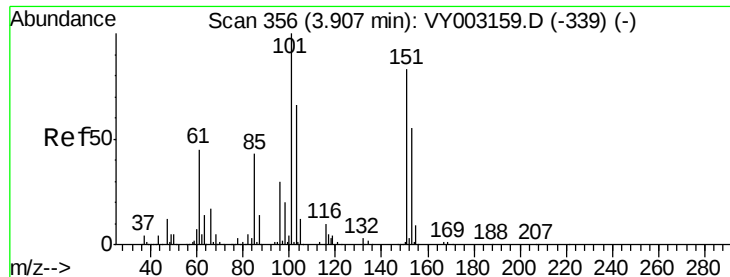


#8

Diethyl Ether  
Concen: 22.347 ug/l  
RT: 3.53 min Scan# 294  
Delta R.T. -0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 93.1  | 45.3  | 135.8 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.816 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

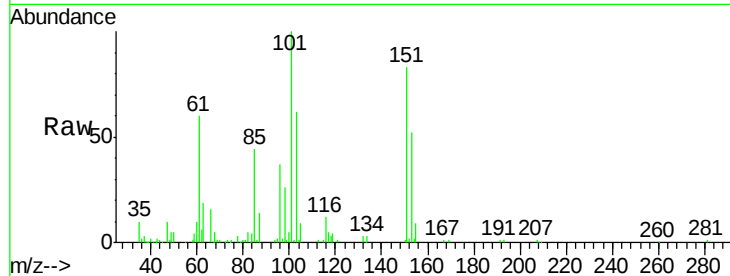
ClientSampleId :

VY0724SBS01

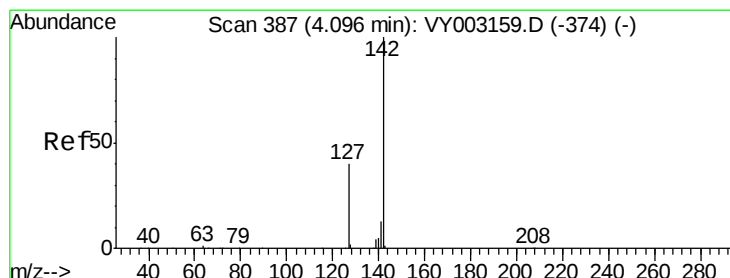
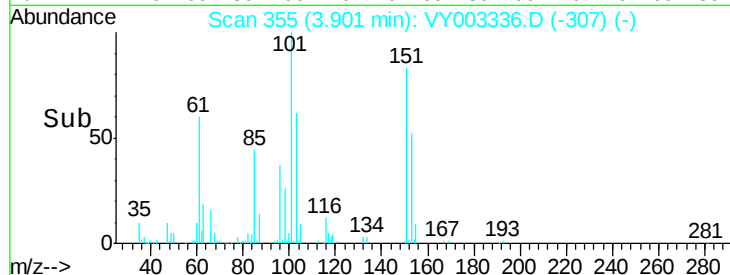
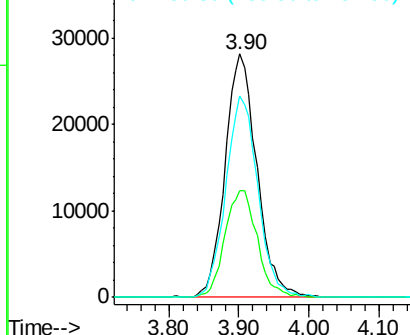
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 89042 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.7  | 34.9  | 52.3  |
| 151       | 83.2  | 67.0  | 100.6 |

Manual Integrations  
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7/27/2020 12:03:25 PM



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



#10

Methyl Iodide

Concen: 20.090 ug/l

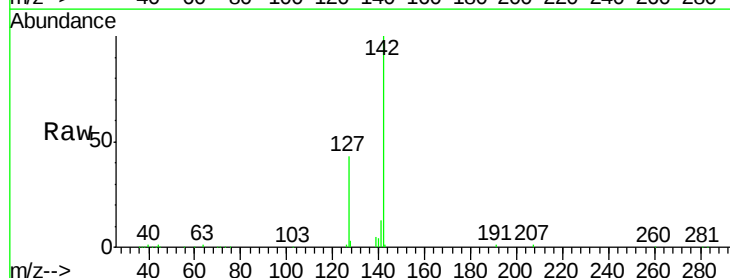
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

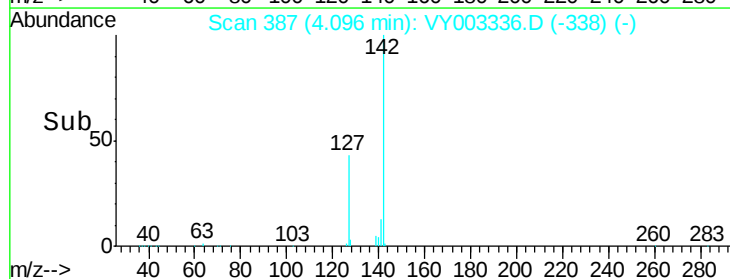
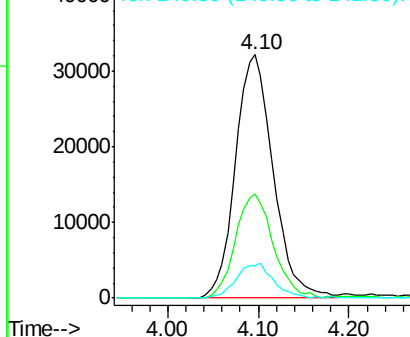
Lab File: VY003336.D

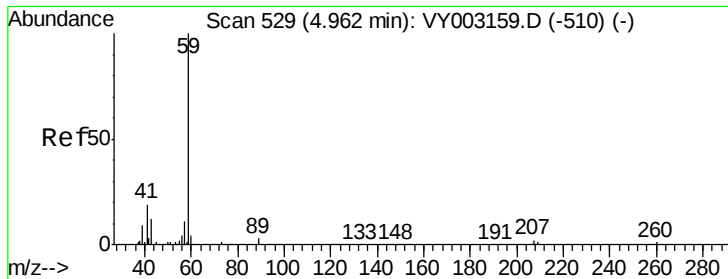
Acq: 24 Jul 2020 16:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 93363 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.8  | 33.5  | 50.3  |
| 141       | 14.0  | 11.2  | 16.8  |



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





#11

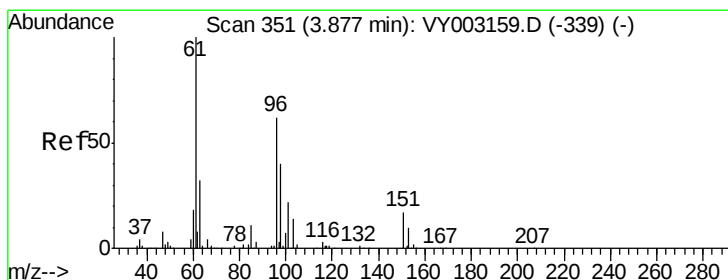
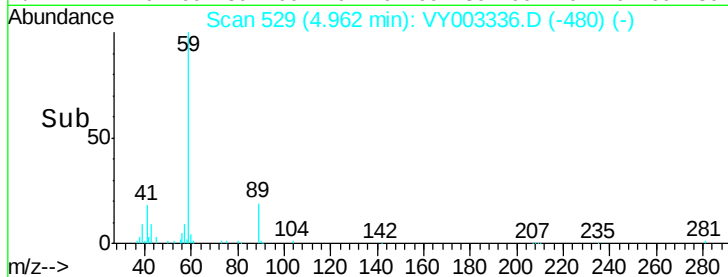
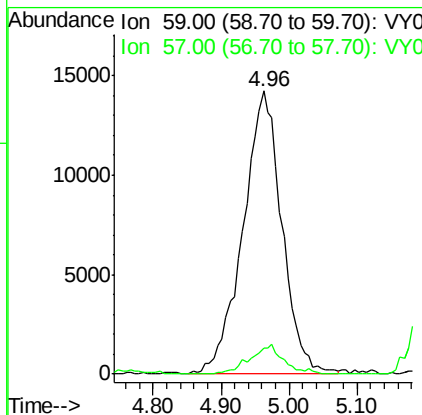
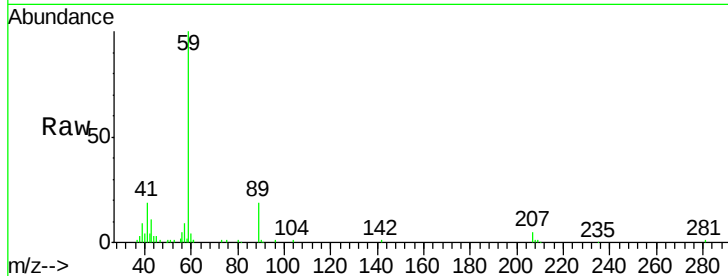
Tert butyl alcohol  
 Concen: 127.775 ug/l  
 RT: 4.96 min Scan# 529  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 8.6   | 8.4   | 12.6  |

Manual Integrations  
 APPROVED

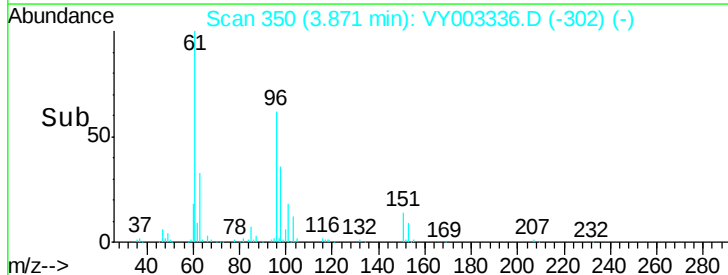
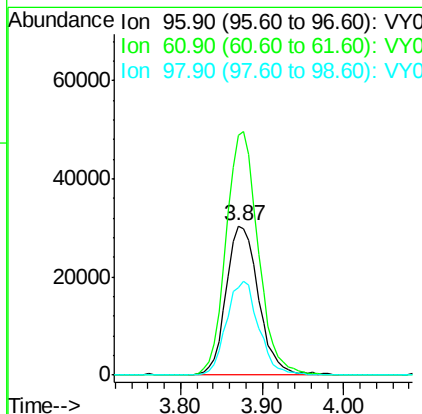
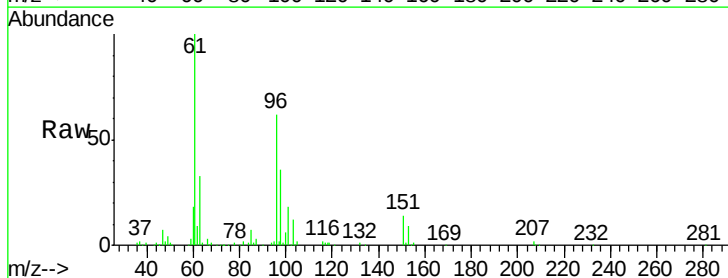
MMDadoda  
 7/27/2020 12:03:25 PM

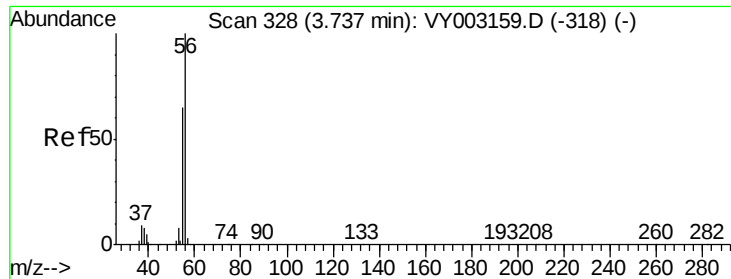


#12

1,1-Dichloroethene  
 Concen: 20.702 ug/l  
 RT: 3.87 min Scan# 350  
 Delta R.T. -0.01 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 160.5 | 128.6 | 193.0 |
| 98      | 58.6  | 51.6  | 77.4  |





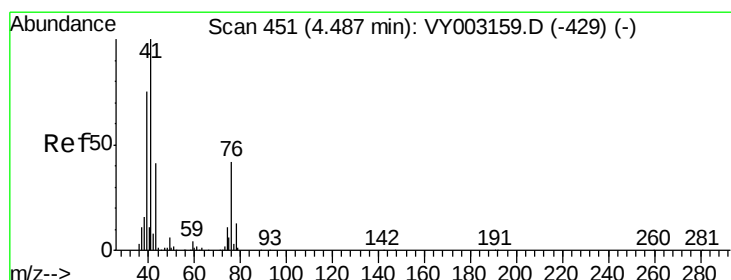
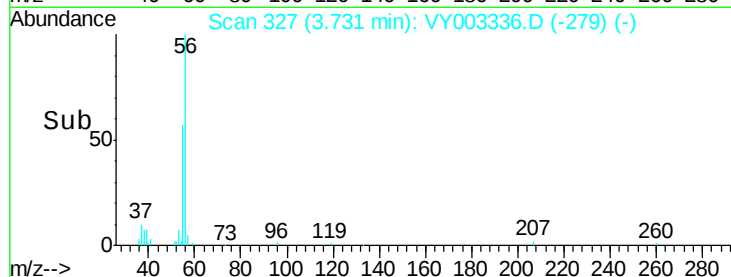
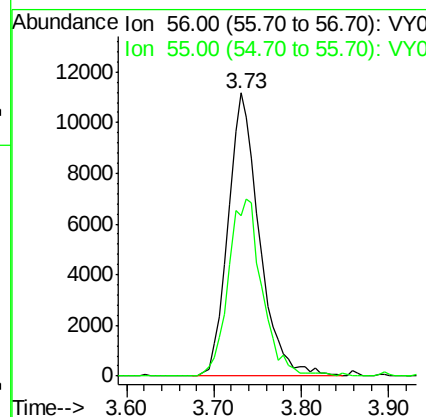
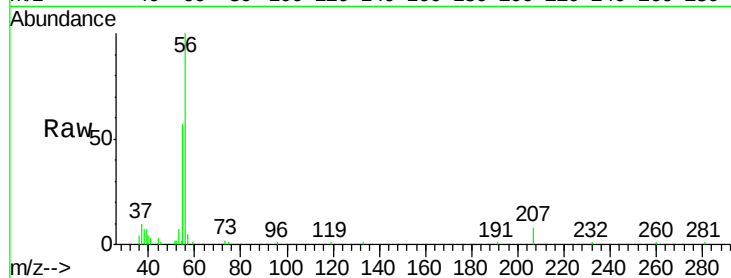
#13  
Acrolein  
Concen: 71.932 ug/l  
RT: 3.73 min Scan# 327  
Delta R.T. -0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 56      | 56  | 100   |       |       |
| 55      | 55  | 67.5  | 56.0  | 84.0  |

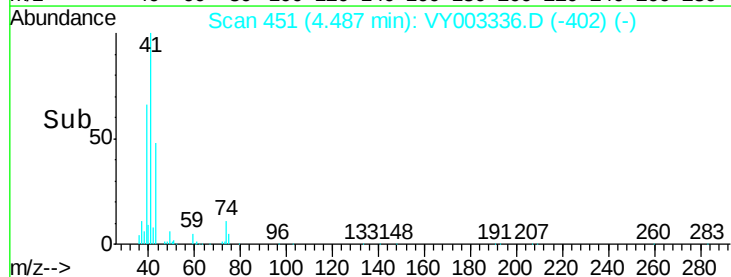
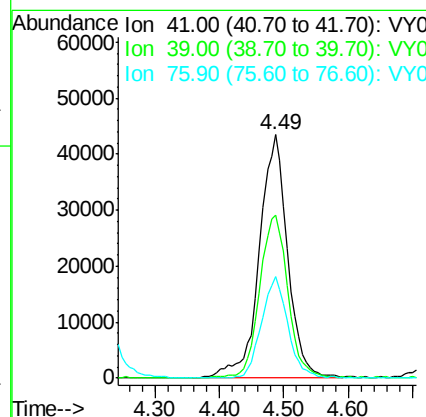
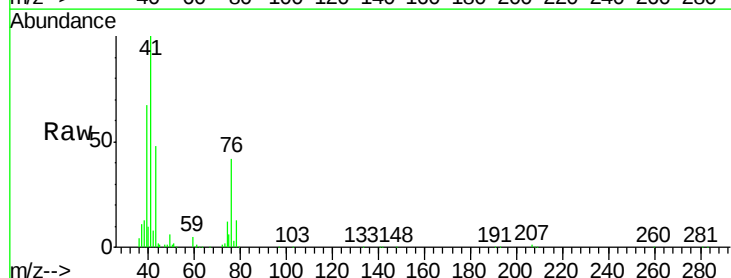
Manual Integrations  
APPROVED

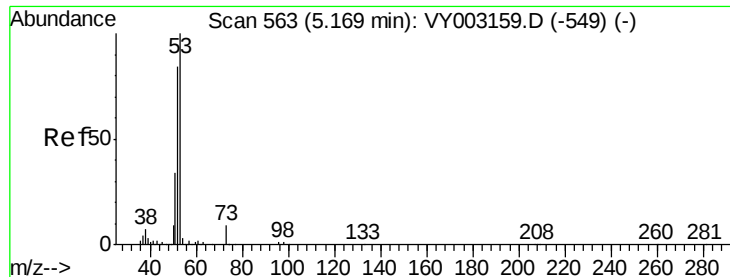
MMDadoda  
7/27/2020 12:03:25 PM



#14  
Allyl chloride  
Concen: 22.001 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 41      | 41  | 100   |       |       |
| 39      | 39  | 65.5  | 56.6  | 85.0  |
| 76      | 76  | 38.6  | 31.6  | 47.4  |





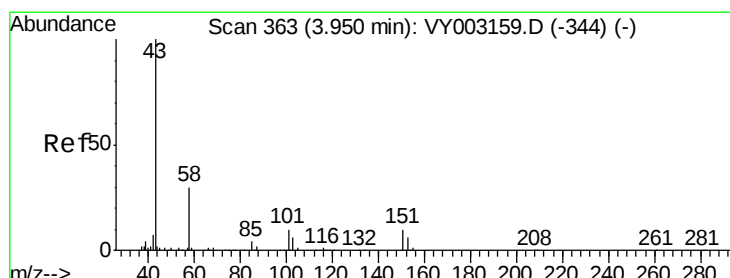
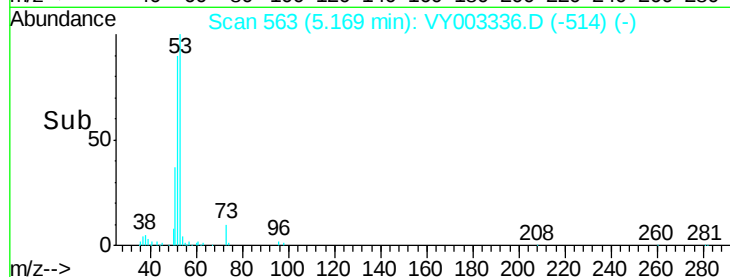
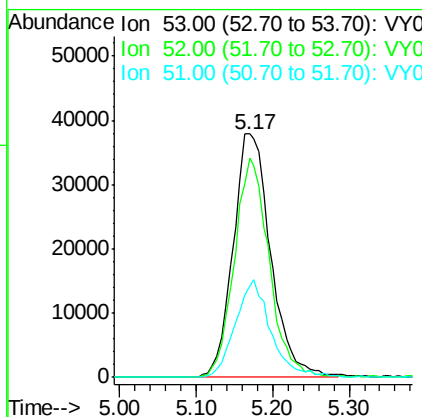
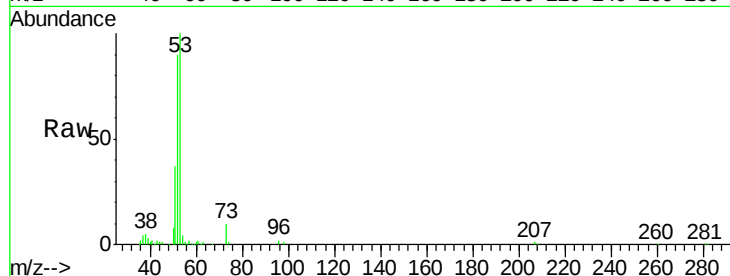
#15  
 Acrylonitrile  
 Concen: 113.160 ug/l  
 RT: 5.17 min Scan# 563  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 83.7  | 65.8  | 98.6  |
| 51      | 37.6  | 29.0  | 43.4  |

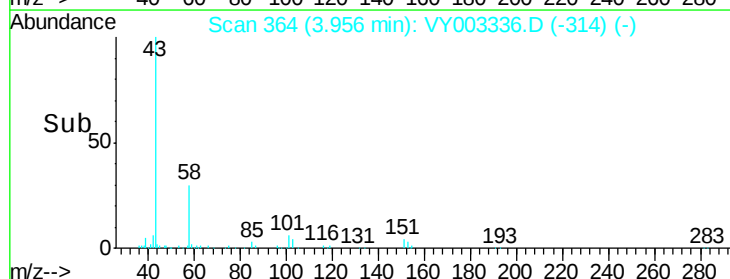
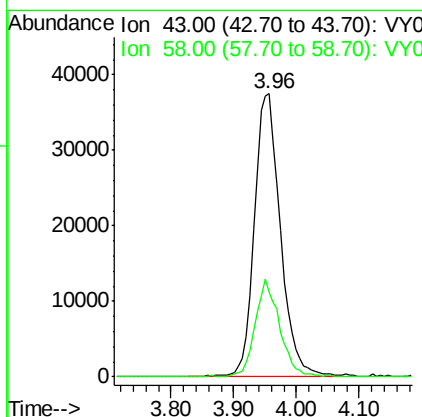
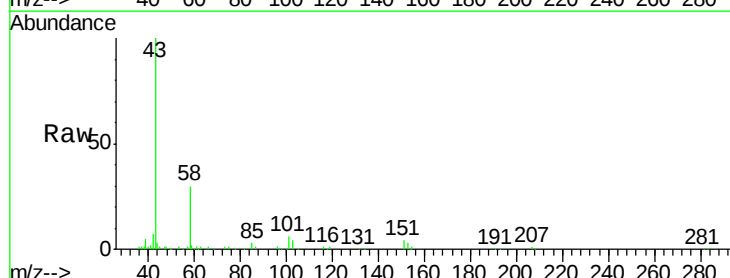
Manual Integrations  
 APPROVED

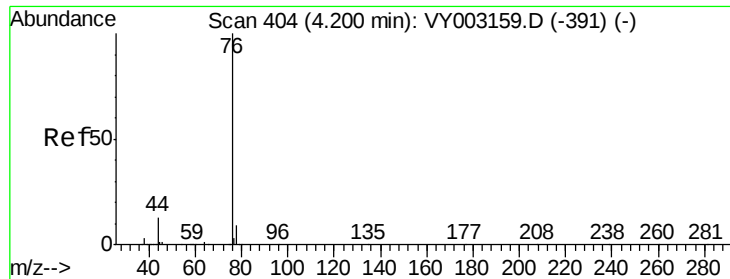
MMDadoda  
 7/27/2020 12:03:25 PM



#16  
 Acetone  
 Concen: 117.863 ug/l  
 RT: 3.96 min Scan# 364  
 Delta R.T. 0.01 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 29.7  | 23.8  | 35.6  |





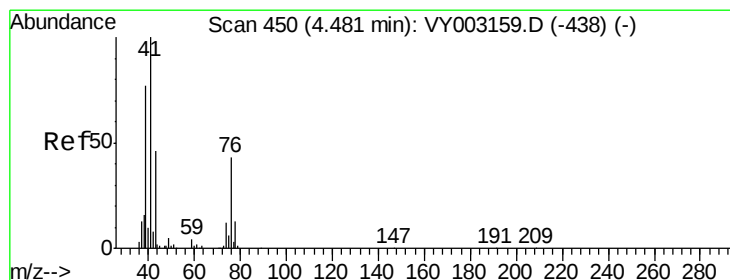
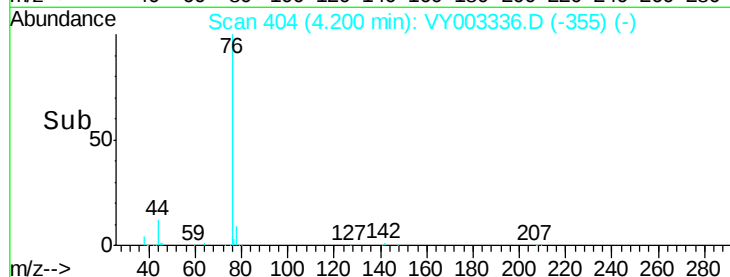
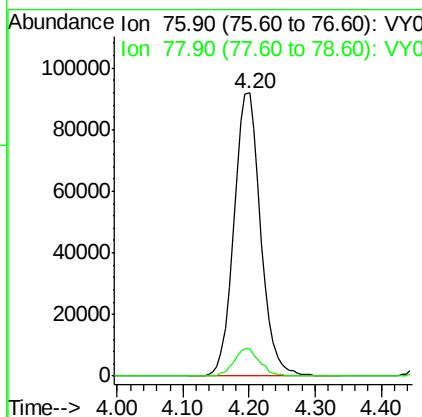
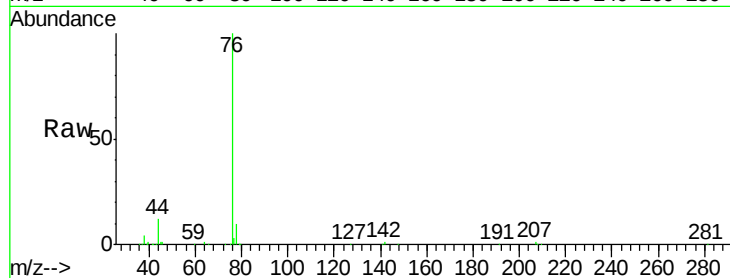
#17  
Carbon Disulfide  
Concen: 20.624 ug/l  
RT: 4.20 min Scan# 404  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

Tot Ion: 76 Resp: 256039  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.3 10.9

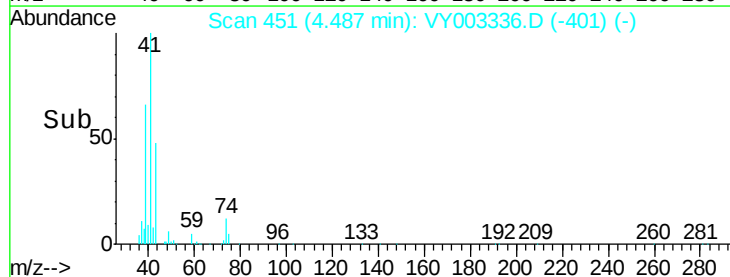
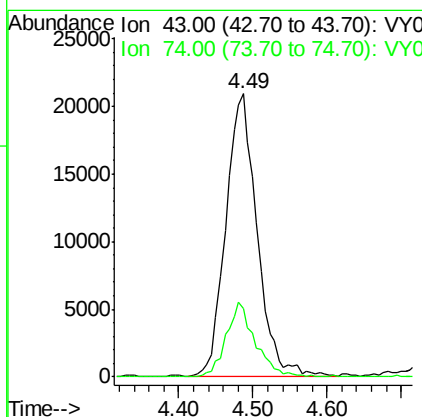
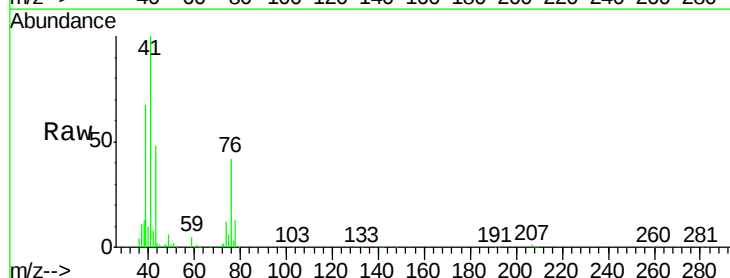
Manual Integrations  
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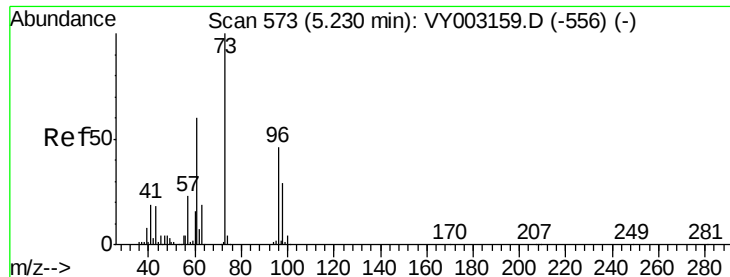
MMDadoda  
7/27/2020 12:03:25 PM



#18  
Methyl Acetate  
Concen: 24.266 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. 0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Tgt Ion: 43 Resp: 61772  
Ion Ratio Lower Upper  
43 100  
74 24.6 20.8 31.2





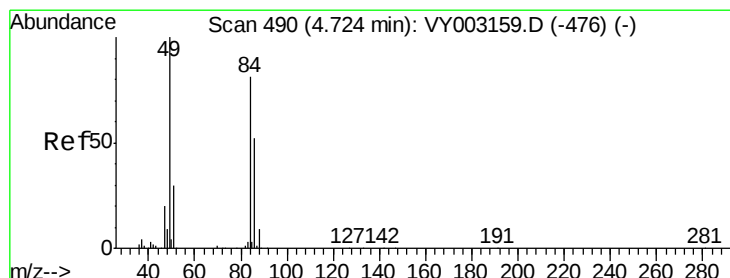
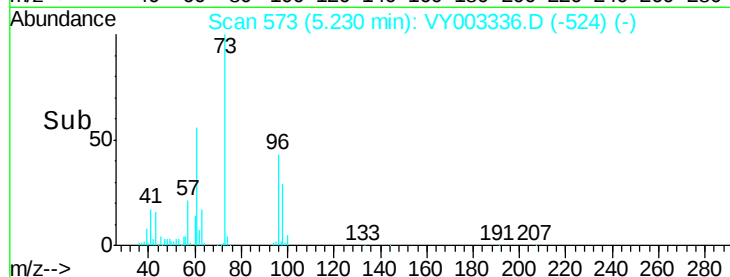
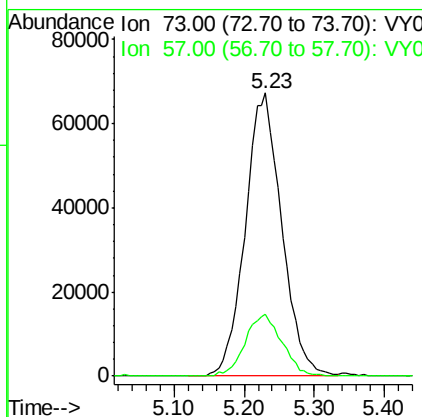
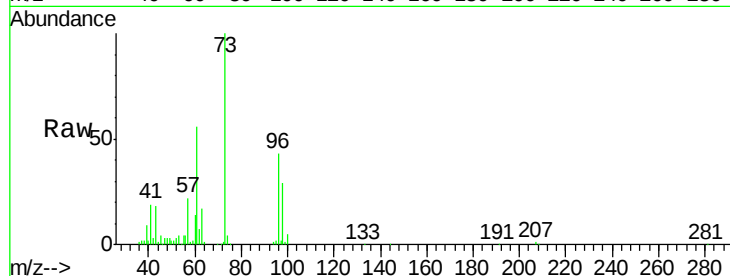
#19  
Methvl tert-butvl Ether  
Concen: 21.450 ug/l  
RT: 5.23 min Scan# 573  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

Tot Ion: 73 Resp: 243202  
Ion Ratio Lower Upper  
73 100  
57 21.8 18.1 27.1

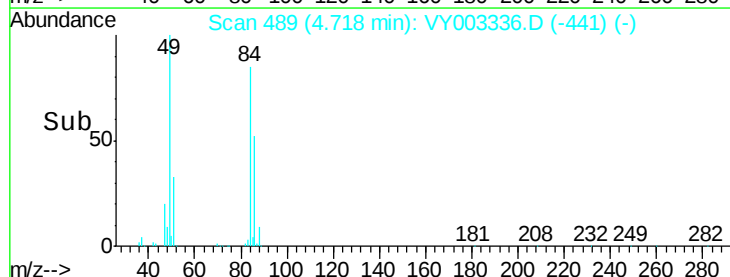
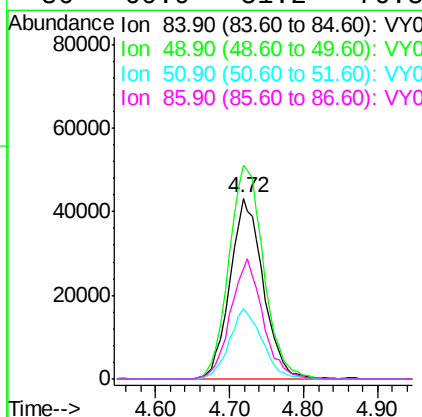
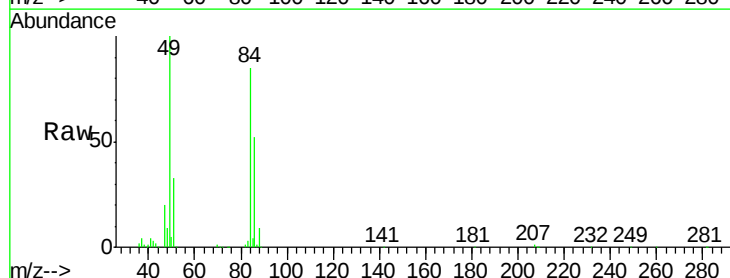
Manual Integrations  
APPROVED

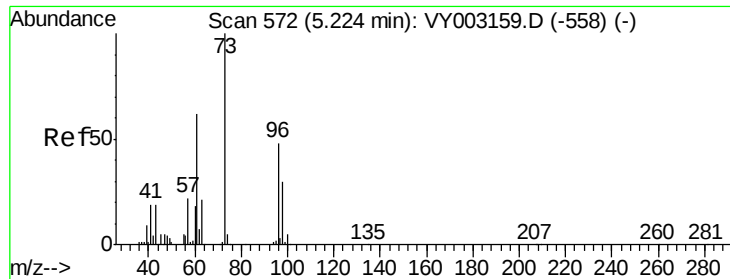
MMDadoda  
7/27/2020 12:03:25 PM



#20  
Methylene Chloride  
Concen: 26.677 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. -0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Tgt Ion: 84 Resp: 134858  
Ion Ratio Lower Upper  
84 100  
49 118.3 98.2 147.4  
51 39.1 29.8 44.6  
86 60.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.133 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

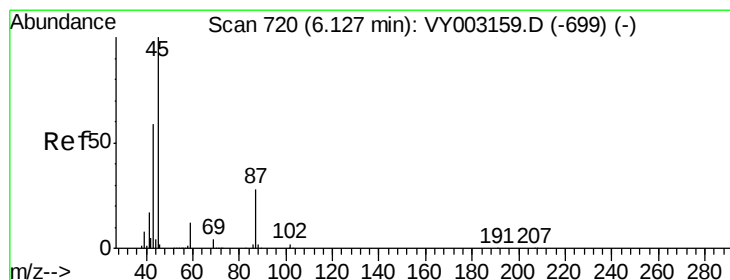
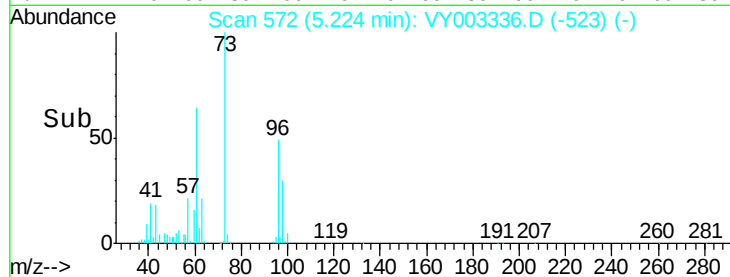
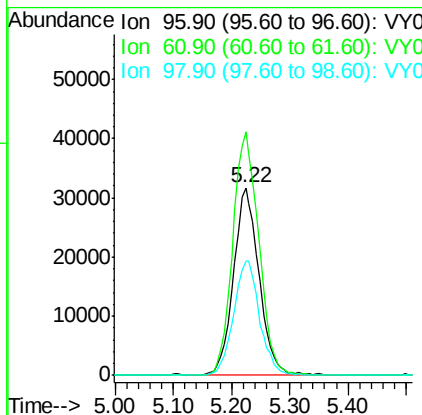
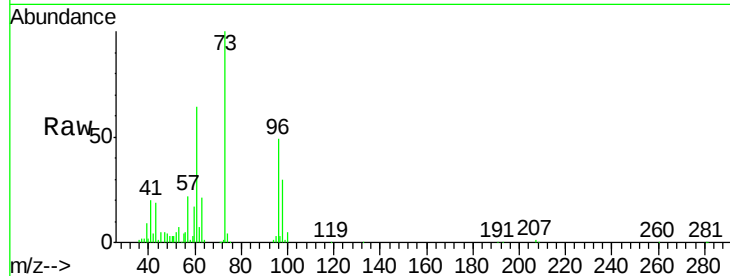
ClientSampleId :

VY0724SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 96707 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 130.0 | 102.5 | 153.7 |
| 98       | 61.1  | 49.8  | 74.8  |

Manual Integrations  
APPROVED

MMDadoda  
7/27/2020 12:03:25 PM



#22

Diisopropyl ether

Concen: 22.208 ug/l

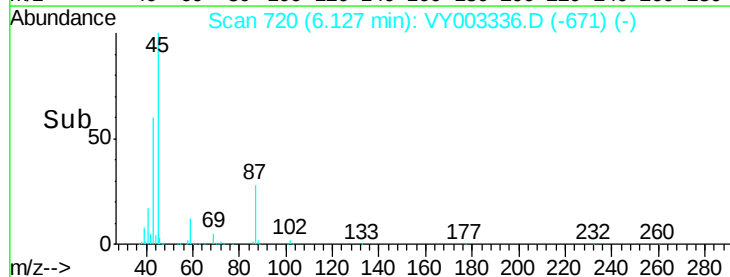
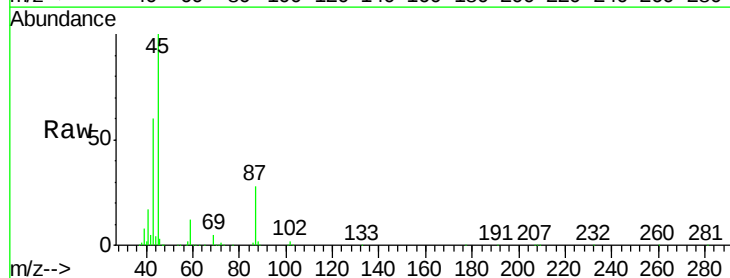
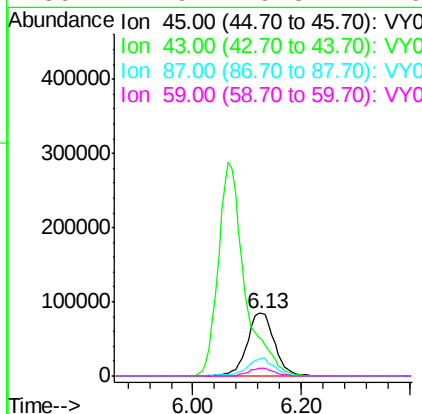
RT: 6.13 min Scan# 720

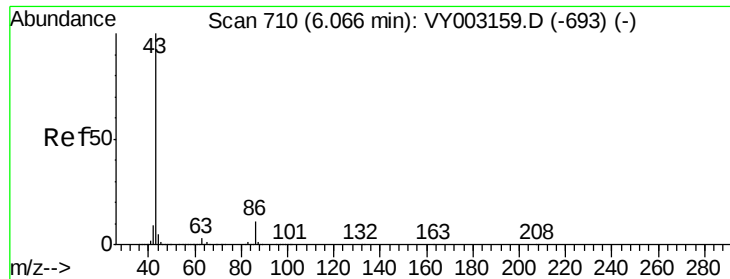
Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 295888 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.8  | 47.0  | 70.4   |
| 87       | 28.3  | 22.6  | 33.8   |
| 59       | 11.9  | 9.8   | 14.6   |





#23

Vinyl Acetate

Concen: 109.145 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 43 Resp: 969265

Ion Ratio Lower Upper

43 100

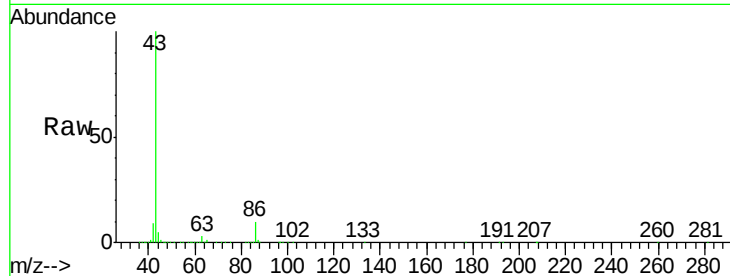
86 10.4 8.8 13.2

Manual Integrations

APPROVED

MMDadoda

7/27/2020 12:03:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

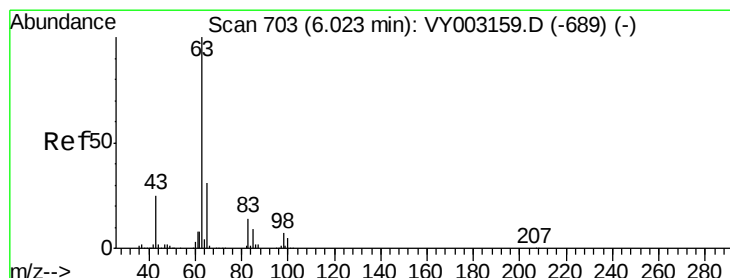
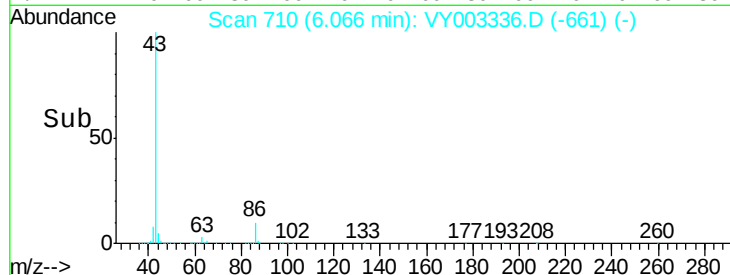
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.777 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

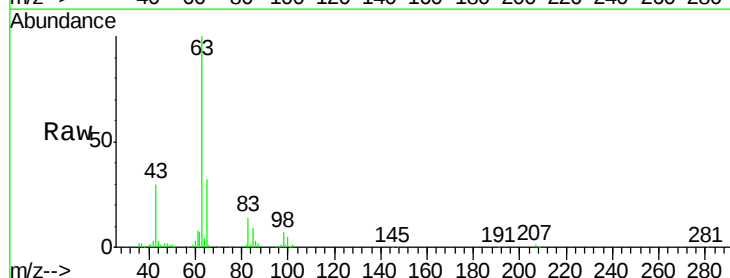
Tgt Ion: 63 Resp: 168098

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.6 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

6.02

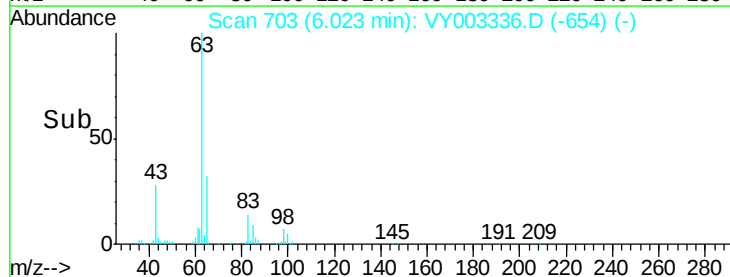
60000

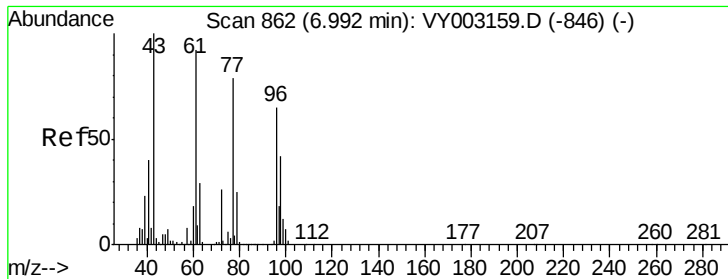
40000

20000

0

Time-->





#25

2-Butanone

Concen: 113.350 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 43 Resp: 170597

Ion Ratio Lower Upper

43 100

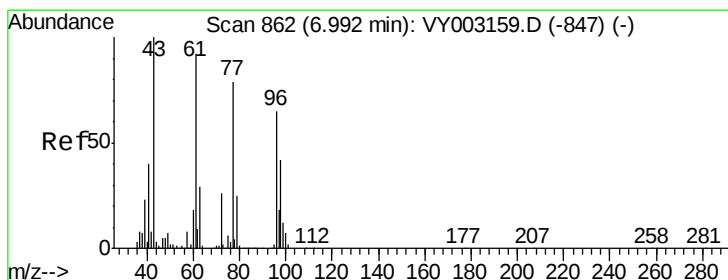
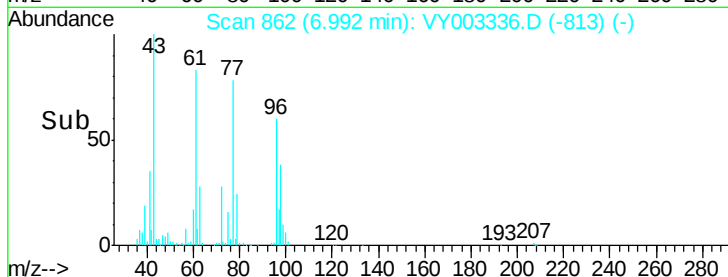
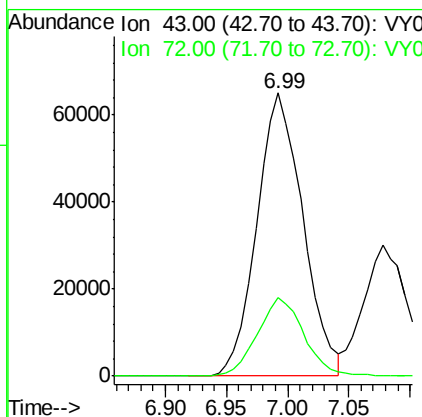
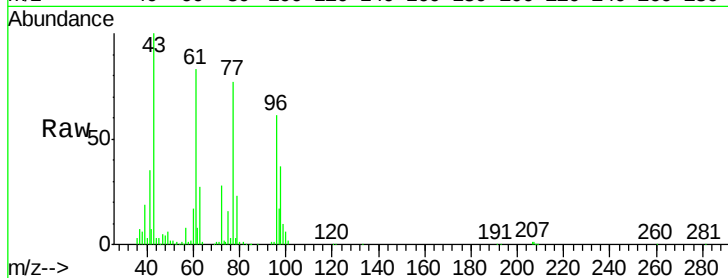
72 27.7 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.656 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003336.D

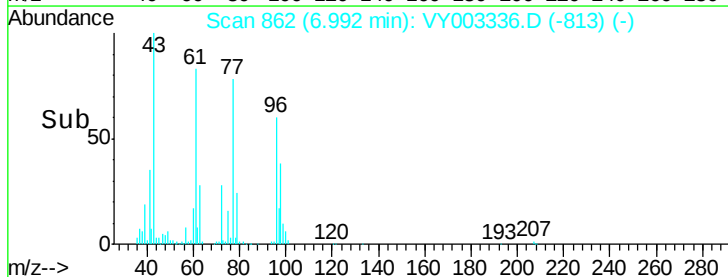
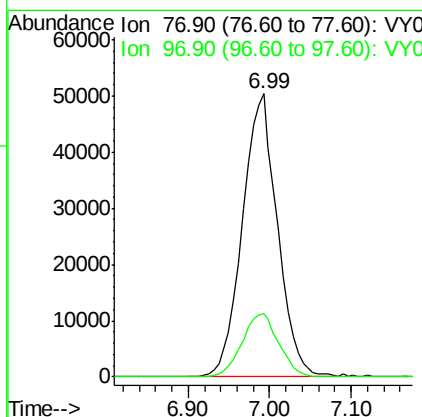
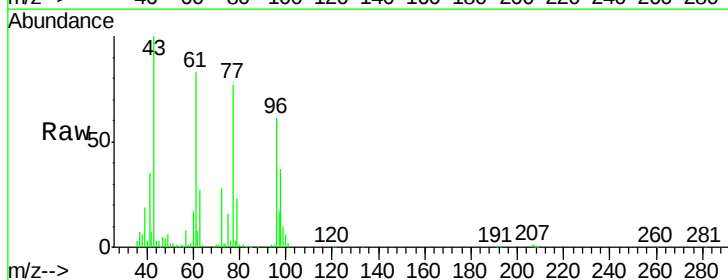
Acq: 24 Jul 2020 16:49

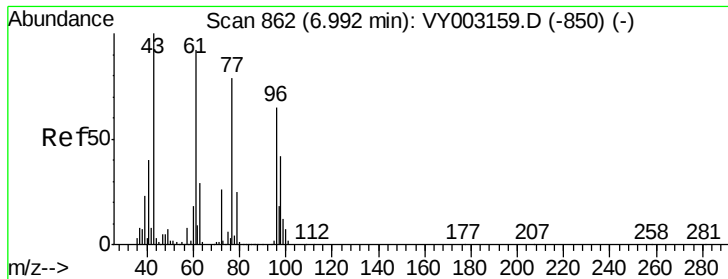
Tgt Ion: 77 Resp: 150541

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.7





#27

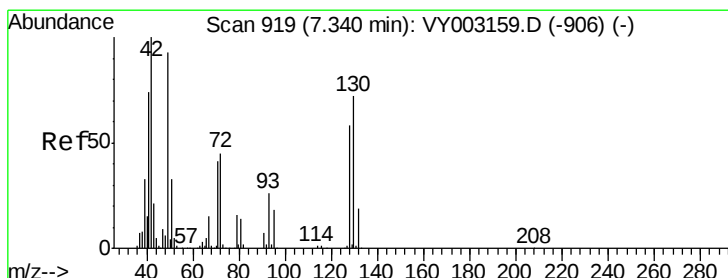
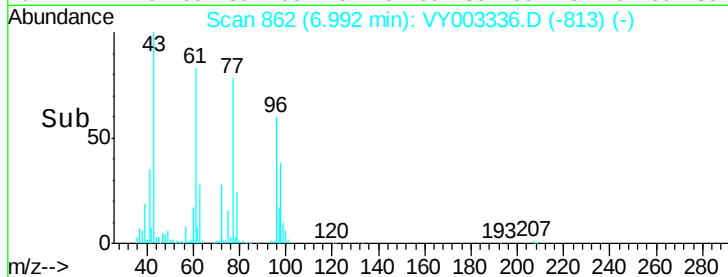
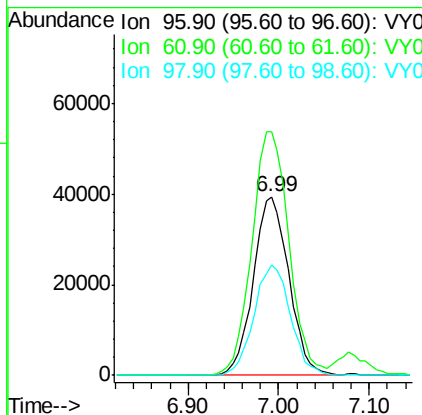
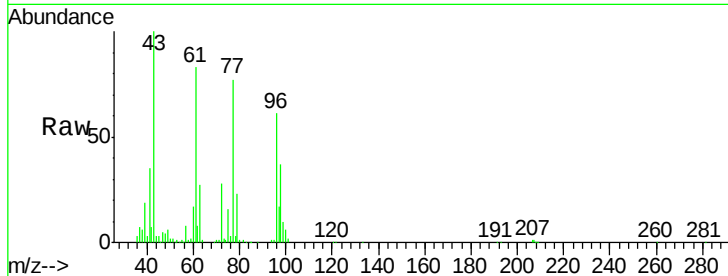
cis-1,2-Dichloroethene  
Concen: 21.241 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 142.7 | 0.0   | 281.2 |
| 98      | 63.5  | 0.0   | 129.8 |

Manual Integrations  
APPROVED

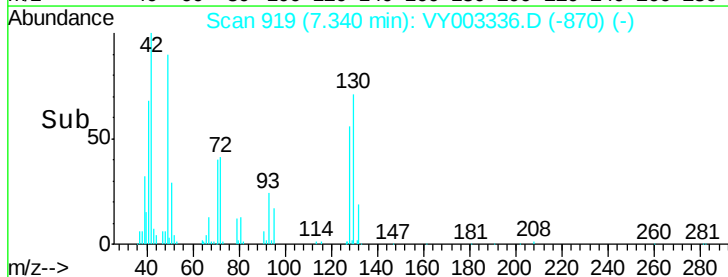
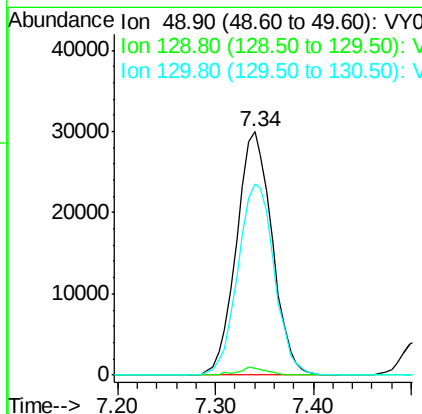
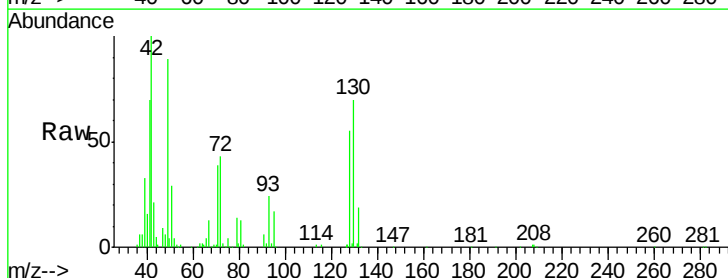
MMDadoda  
7/27/2020 12:03:25 PM

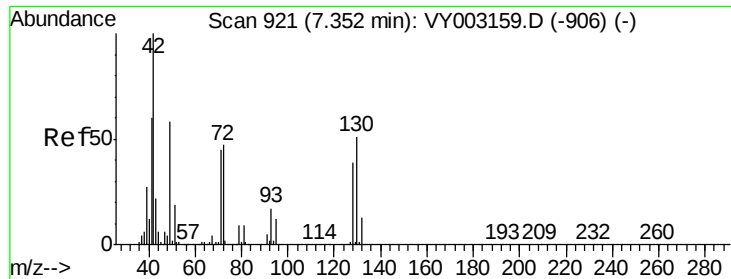


#28

Bromochloromethane  
Concen: 22.660 ug/l  
RT: 7.34 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.6   | 0.0   | 5.0   |
| 130     | 80.3  | 64.9  | 97.3  |





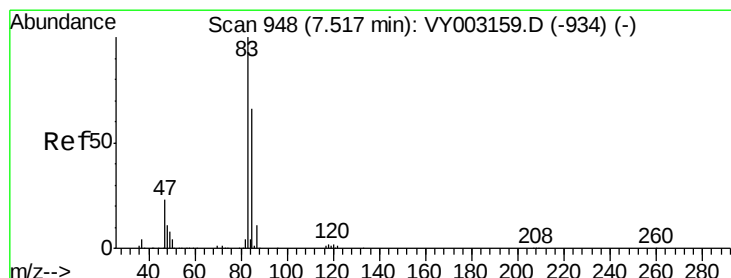
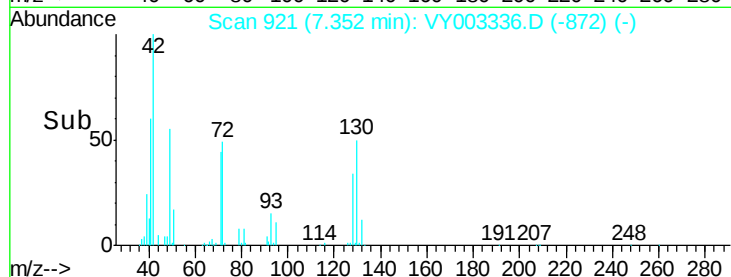
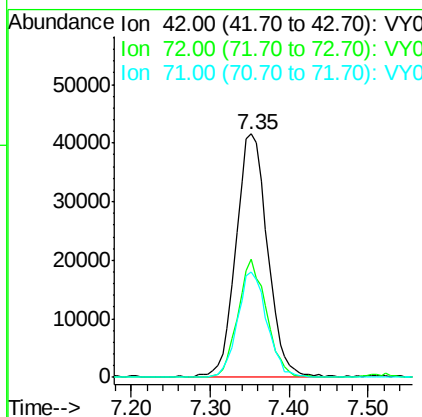
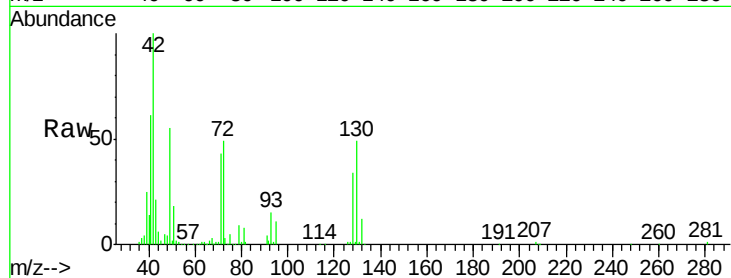
#29  
Tetrahydrofuran  
Concen: 114.633 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.9  | 36.7  | 55.1  |
| 71      | 40.3  | 34.2  | 51.4  |

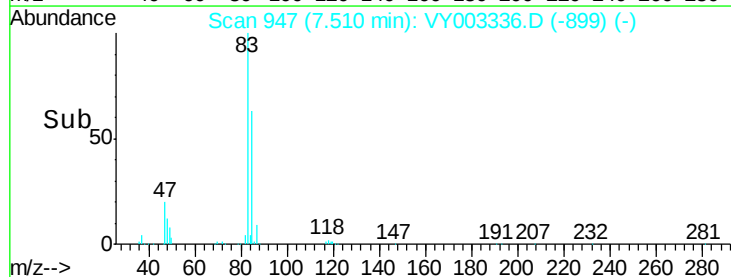
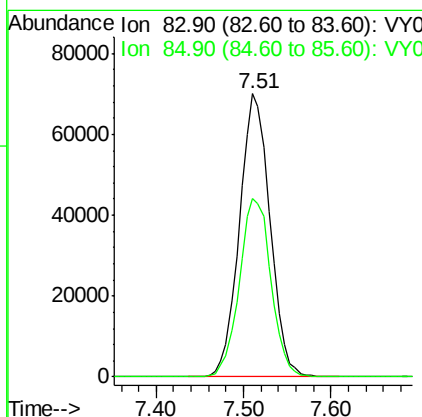
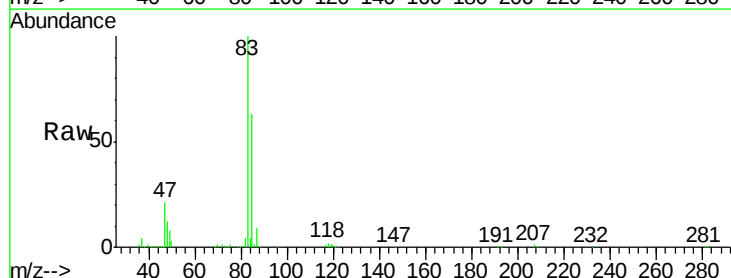
Manual Integrations  
APPROVED

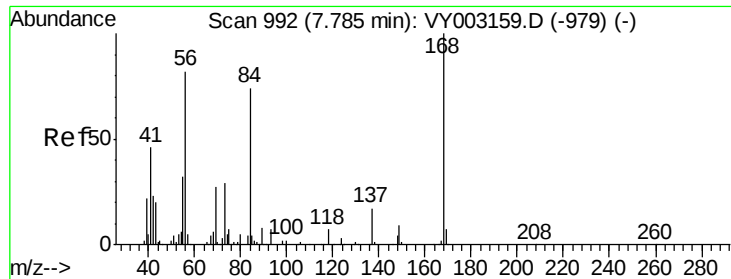
MMDadoda  
7/27/2020 12:03:25 PM



#30  
Chloroform  
Concen: 21.380 ug/l  
RT: 7.51 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.0  | 52.6  | 78.8  |





#31

Cyclohexane

Concen: 21.415 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 56 Resp: 159843

Ion Ratio Lower Upper

56 100

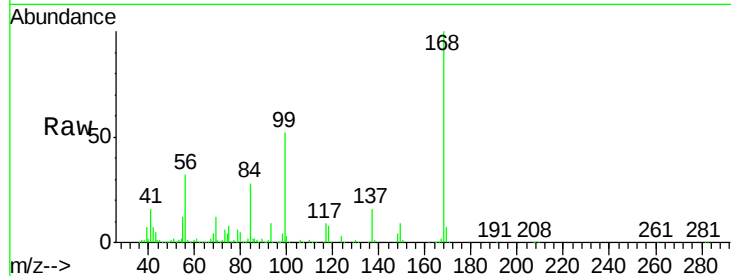
69 37.2 26.7 40.1

84 85.6 72.3 108.5

Manual Integrations  
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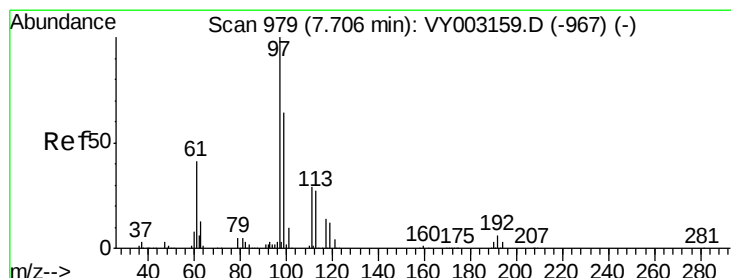
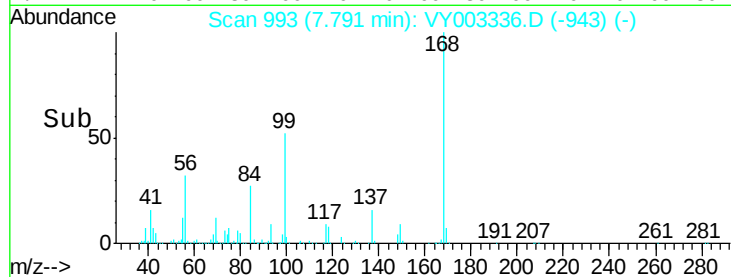
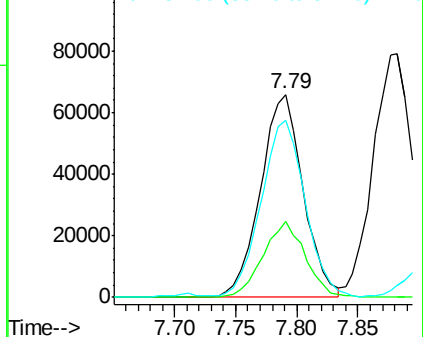


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.275 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

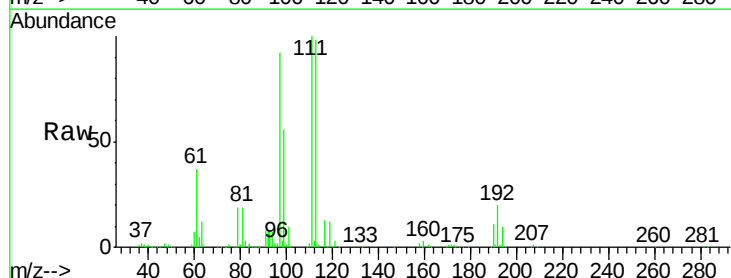
Tgt Ion: 97 Resp: 152270

Ion Ratio Lower Upper

97 100

99 65.2 52.1 78.1

61 41.0 33.9 50.9

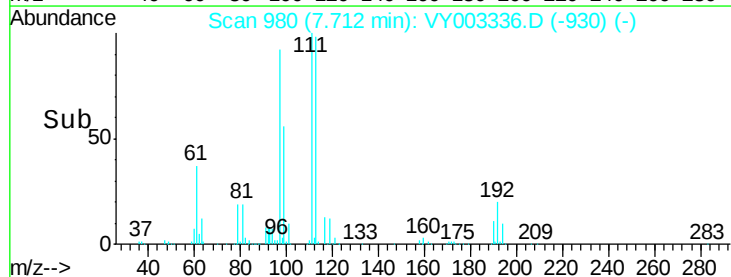
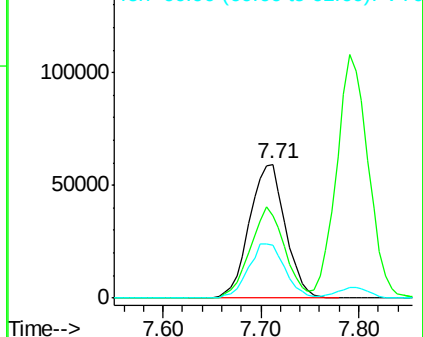


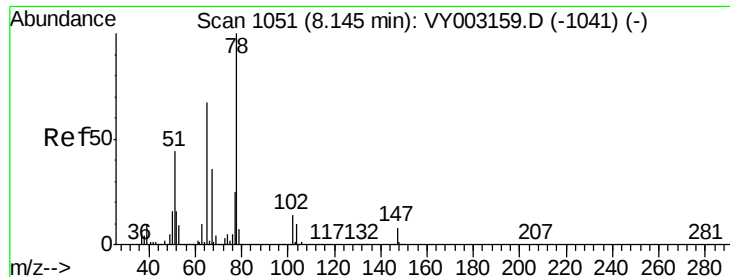
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





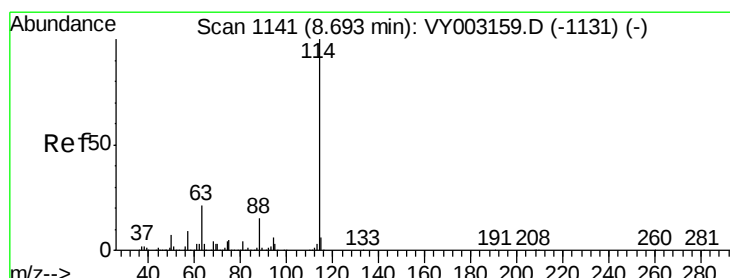
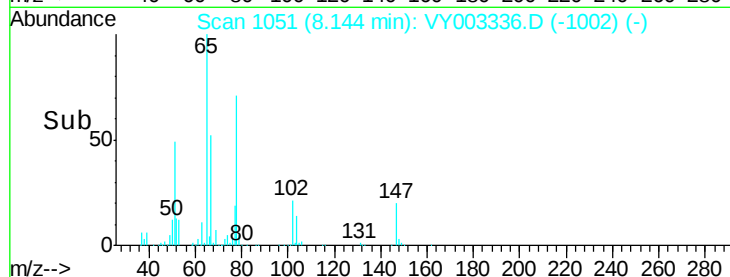
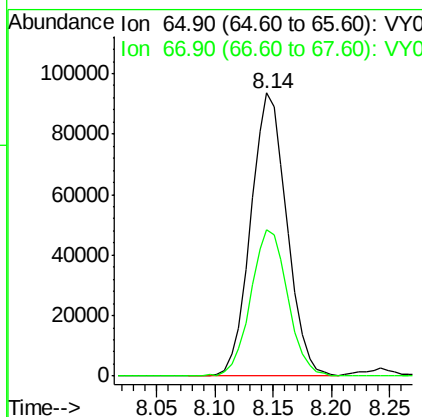
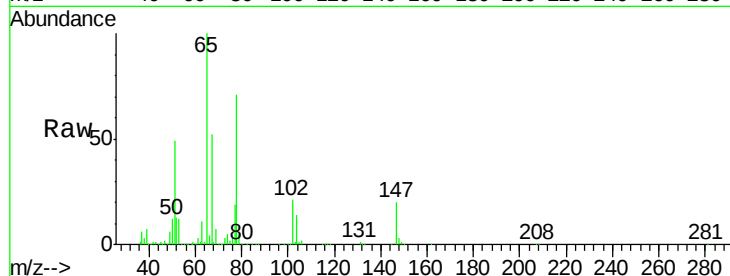
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.289 ug/l  
 RT: 8.14 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 202268 |       |       |
| 67      | 53.1  | 0.0    | 105.2 |       |

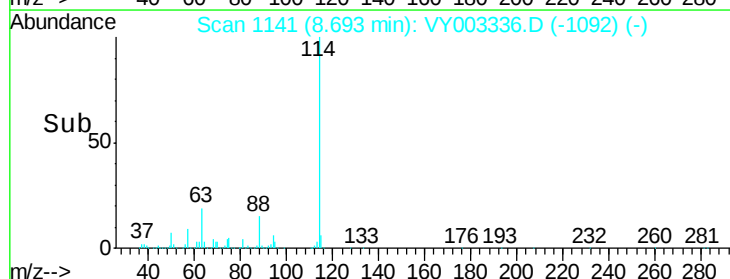
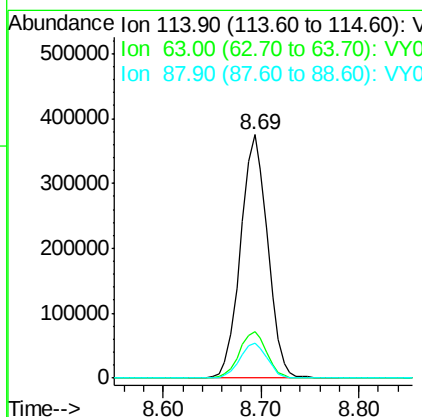
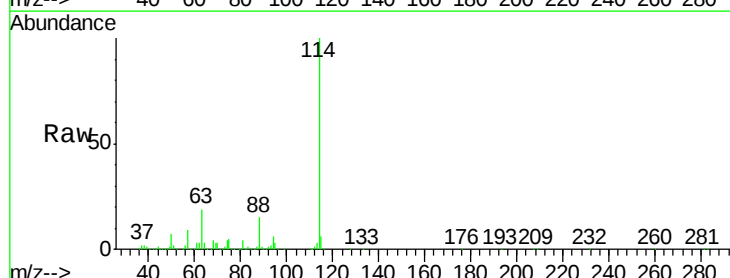
Manual Integrations  
 APPROVED

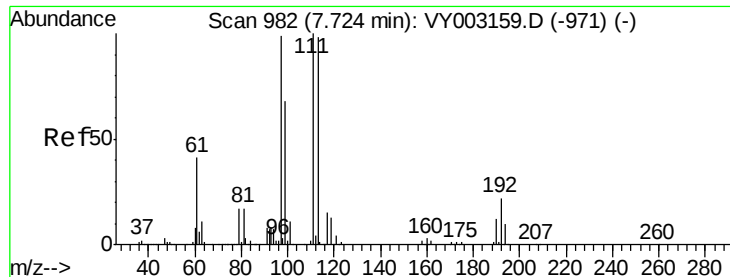
MMDadoda  
 7/27/2020 12:03:25 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 719638 |       |       |
| 63      | 18.9  | 0.0    | 41.2  |       |
| 88      | 14.6  | 0.0    | 30.2  |       |





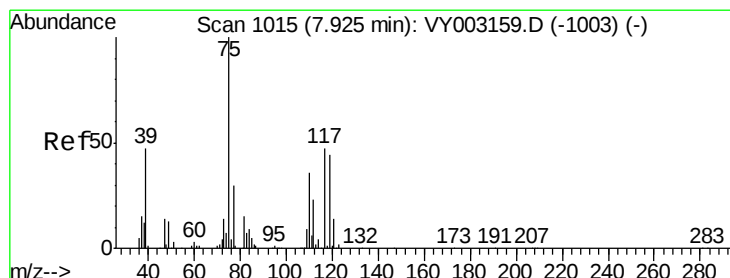
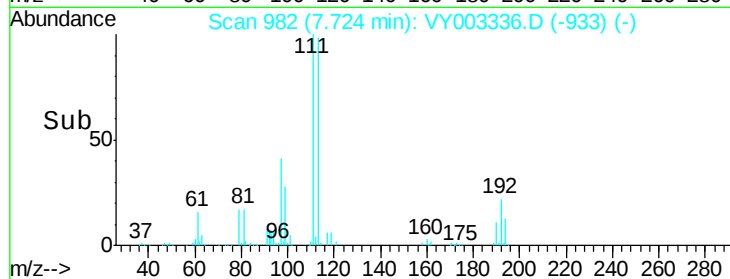
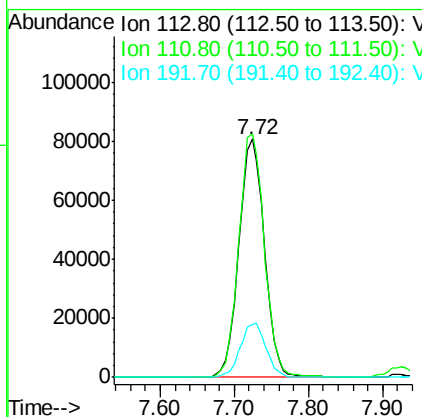
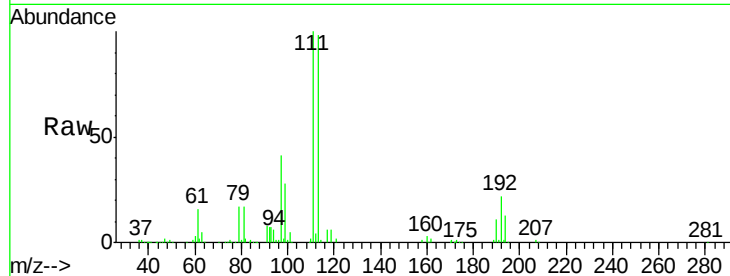
#35  
 Dibromofluoromethane  
 Concen: 47.002 ug/l  
 RT: 7.72 min Scan# 982  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 194651 |       |       |
| 111     | 102.5 | 82.1   | 123.1 |       |
| 192     | 22.7  | 18.8   | 28.2  |       |

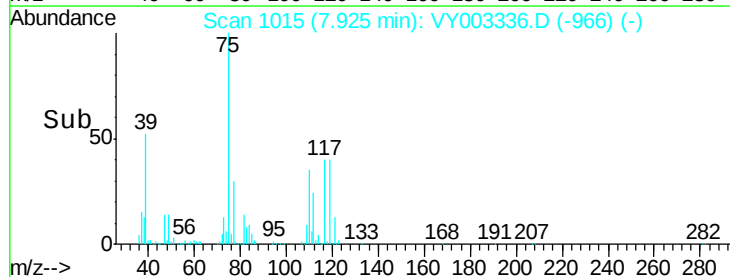
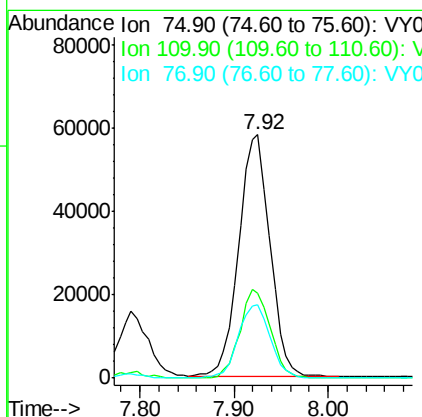
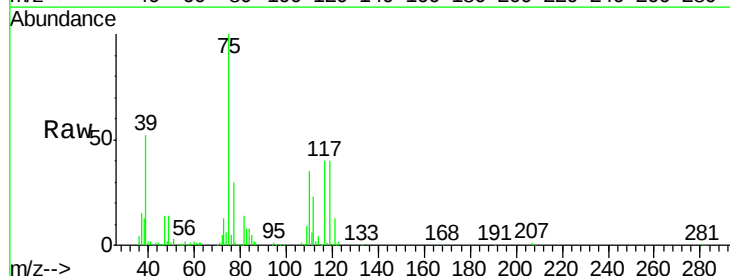
Manual Integrations  
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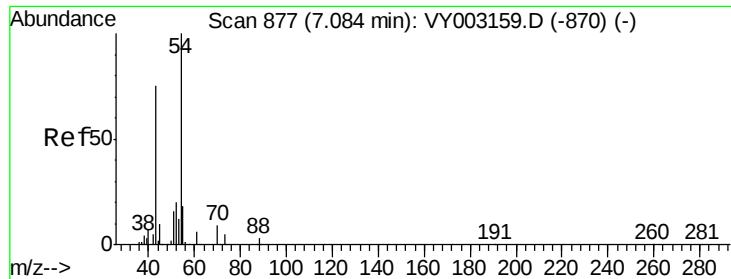
MMDadoda  
 7/27/2020 12:03:25 PM



#36  
 1,1-Dichloropropene  
 Concen: 20.592 ug/l  
 RT: 7.92 min Scan# 1015  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 134306 |       |       |
| 110     | 35.5  | 18.1   | 54.1  |       |
| 77      | 31.2  | 24.8   | 37.2  |       |





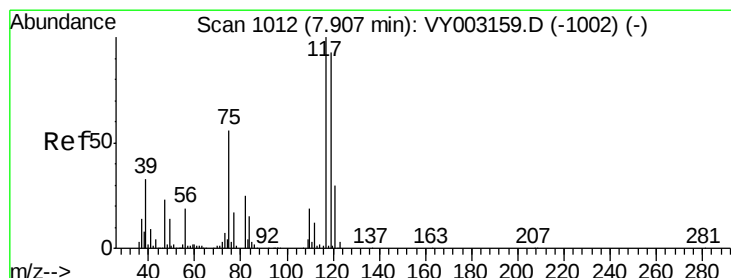
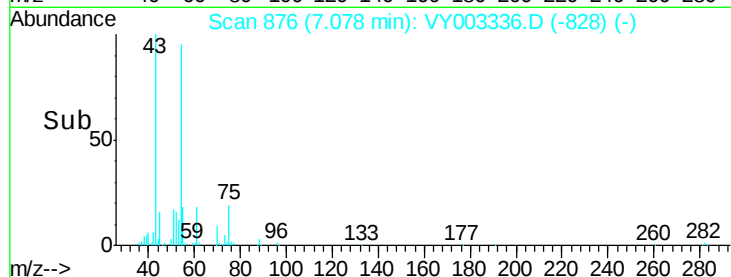
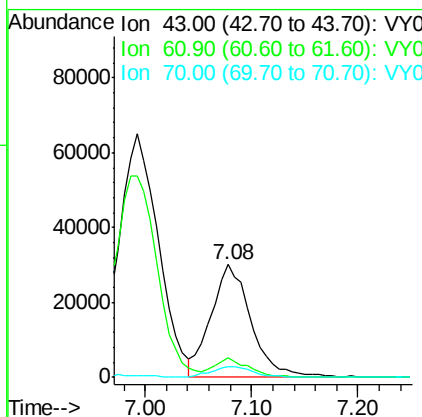
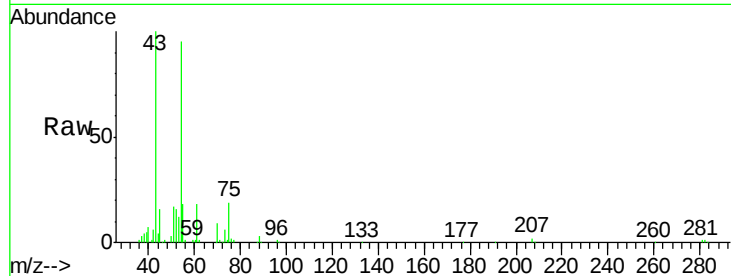
#37  
Ethyl Acetate  
Concen: 22.238 ug/l  
RT: 7.08 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.2  | 11.8  | 17.6  |
| 70      | 10.1  | 8.6   | 13.0  |

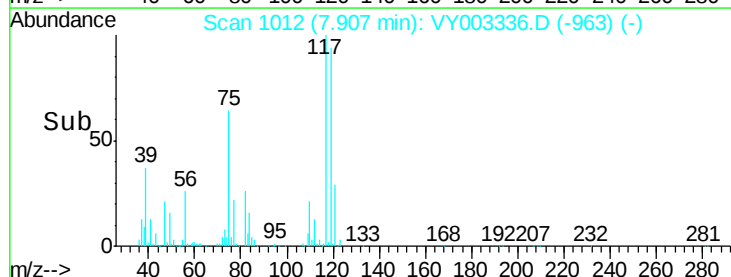
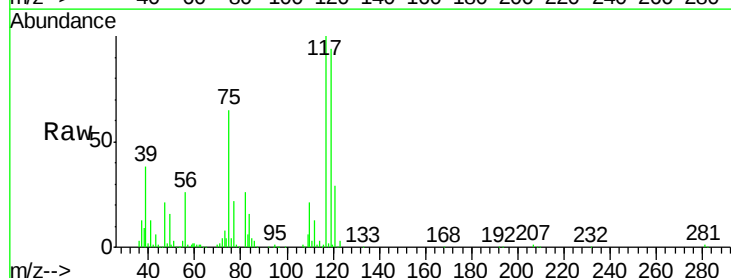
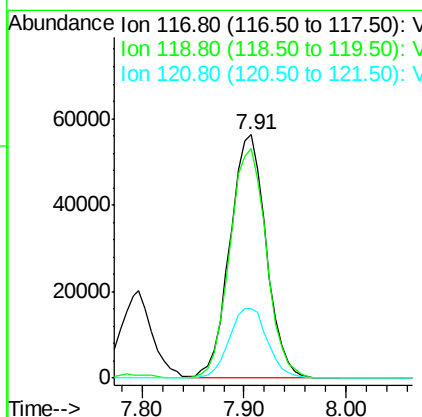
Manual Integrations  
APPROVED

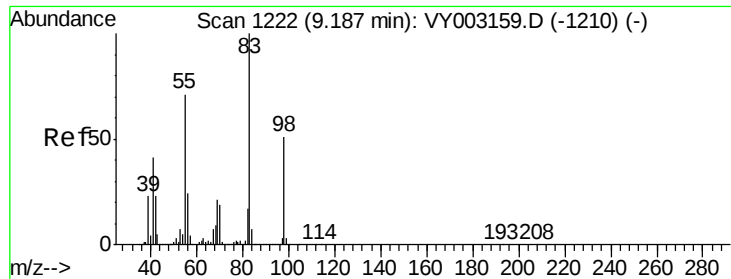
MMDadoda  
7/27/2020 12:03:25 PM



#38  
Carbon Tetrachloride  
Concen: 20.559 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.1  | 74.5  | 111.7 |
| 121     | 28.7  | 24.2  | 36.2  |





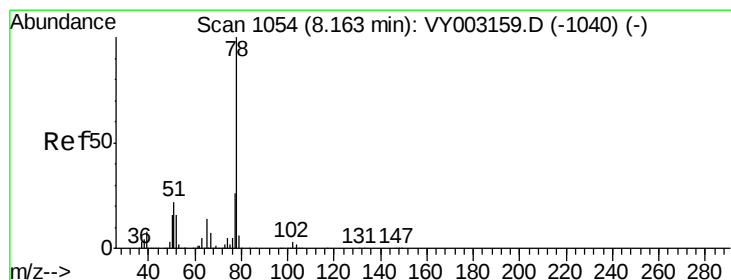
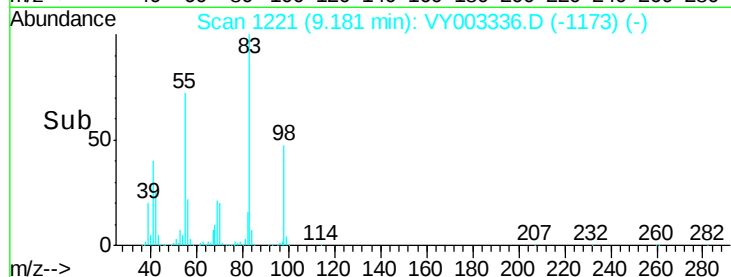
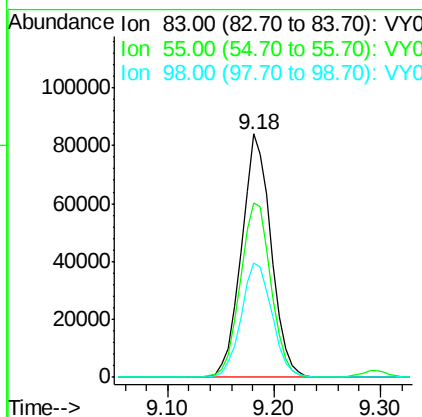
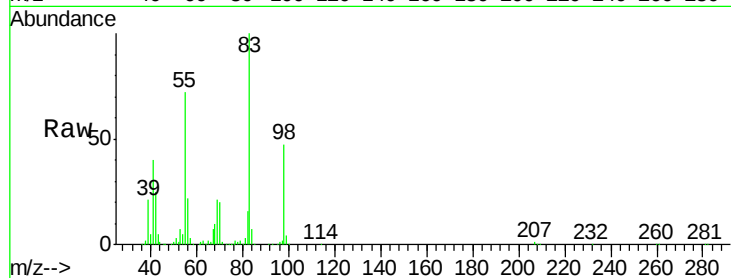
#39  
Methvlcvclohexane  
Concen: 20.071 ug/l  
RT: 9.18 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.7  | 57.2  | 85.8  |
| 98      | 47.1  | 41.0  | 61.6  |

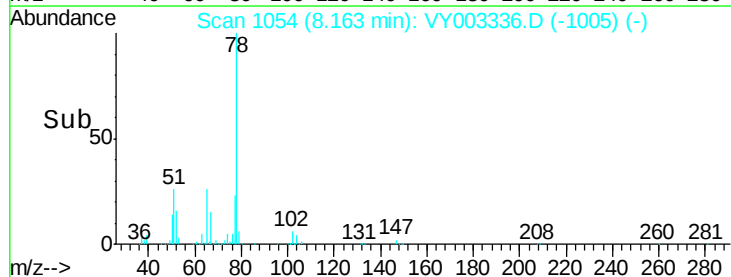
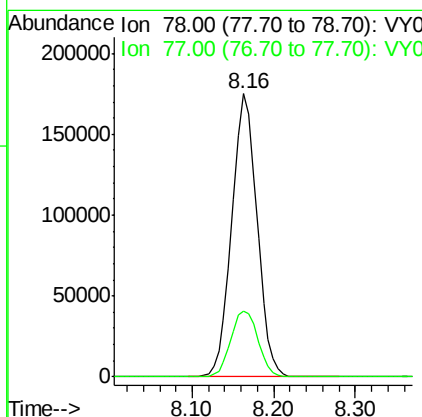
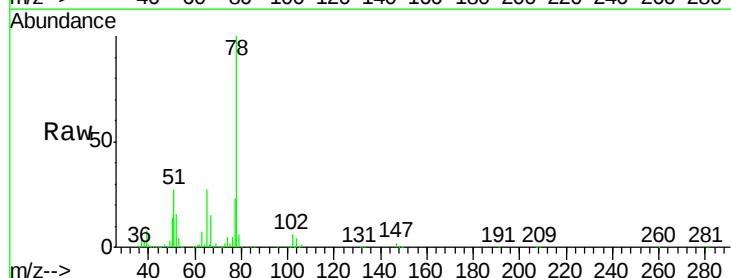
Manual Integrations  
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#40  
Benzene  
Concen: 20.800 ug/l  
RT: 8.16 min Scan# 1054  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 20.7  | 31.1  |





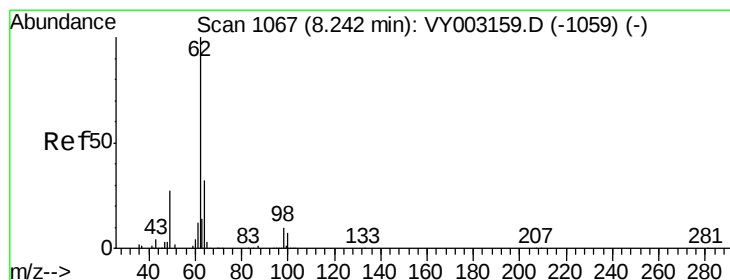
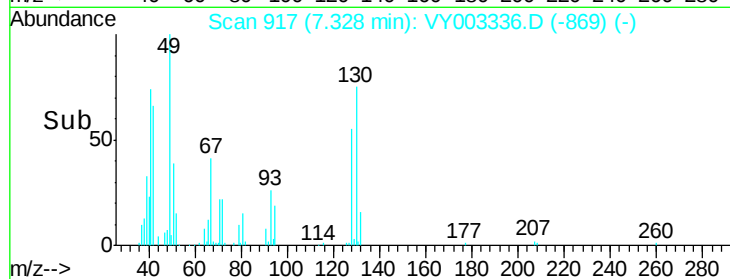
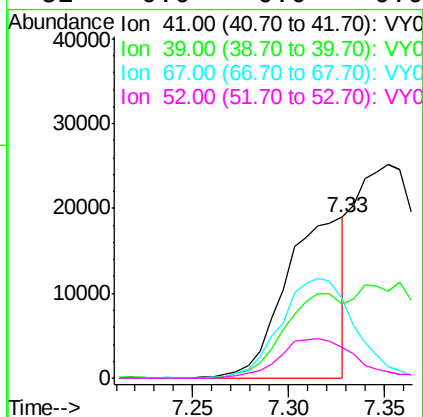
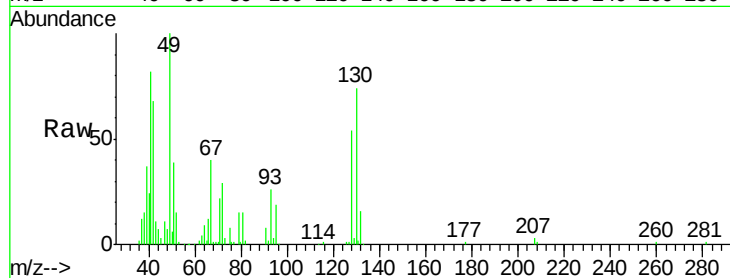
#41  
Methacrylonitrile  
Concen: 19.182 ug/l m  
RT: 7.33 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | 41    | Resp  | 40578  |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 41      | 100   |       |        |
| 39      | 0.0   | 83.3  | 124.9# |
| 67      | 0.0   | 0.0   | 0.0    |
| 52      | 0.0   | 0.0   | 0.0    |

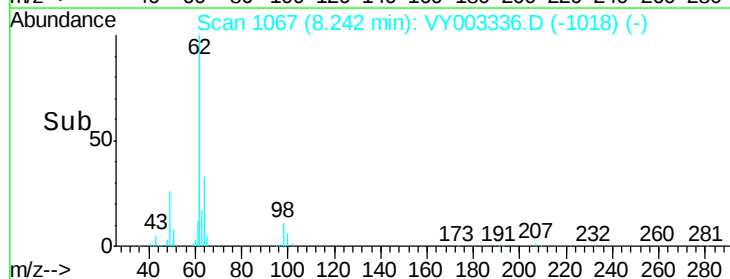
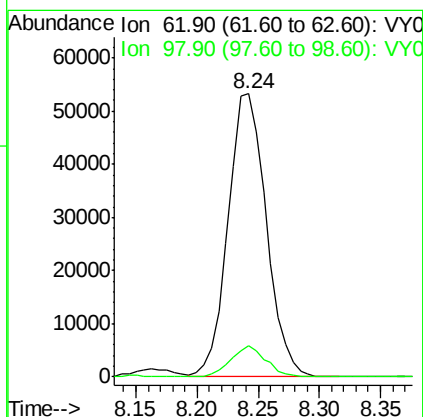
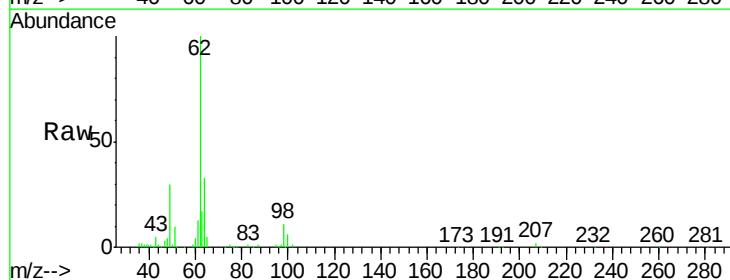
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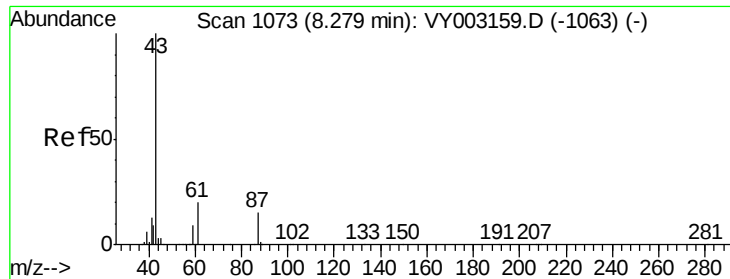
MMDadoda  
7/27/2020 12:03:25 PM



#42  
1,2-Dichloroethane  
Concen: 20.881 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | 62    | Resp  | 115449 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 10.1  | 0.0   | 19.0   |





#43

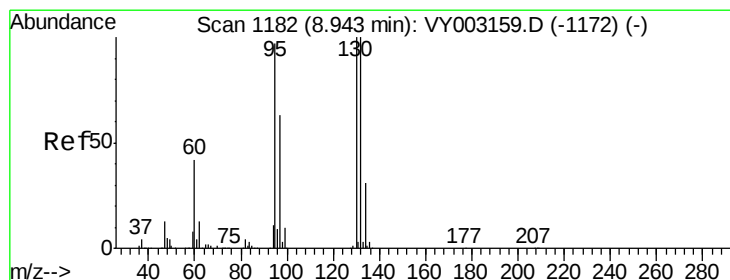
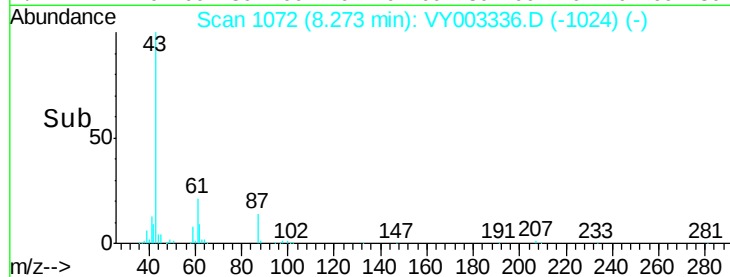
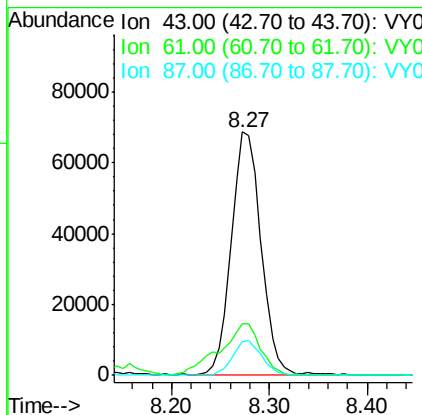
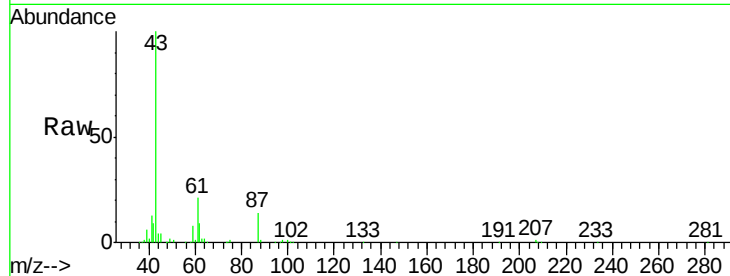
Isopropyl Acetate  
 Concen: 21.299 ug/l  
 RT: 8.27 min Scan# 1072  
 Delta R.T. -0.01 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.5  | 23.7  | 35.5  |
| 87      | 14.0  | 11.4  | 17.0  |

Manual Integrations  
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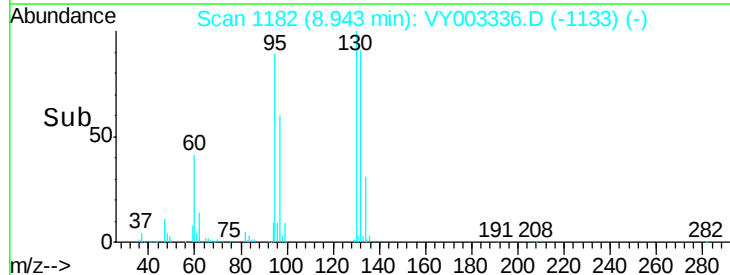
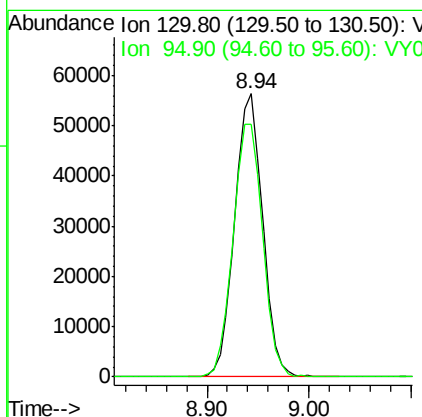
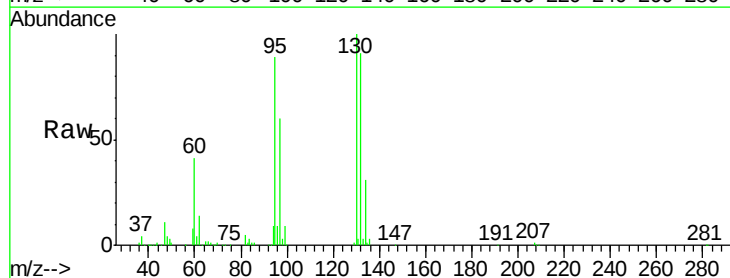
MMDadoda  
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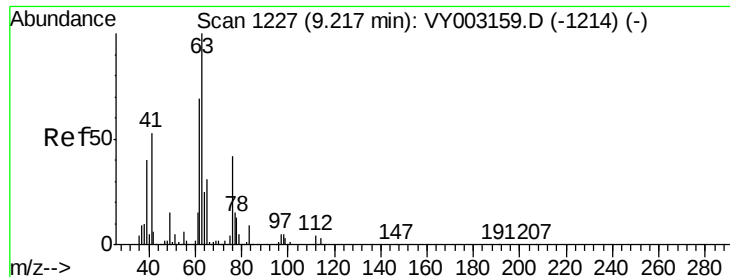


#44

Trichloroethene  
 Concen: 19.434 ug/l  
 RT: 8.94 min Scan# 1182  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 89.2  | 0.0   | 193.8 |





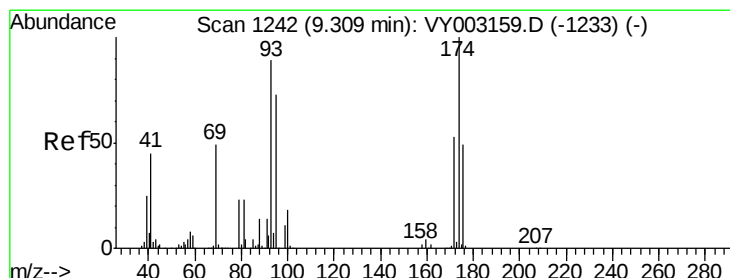
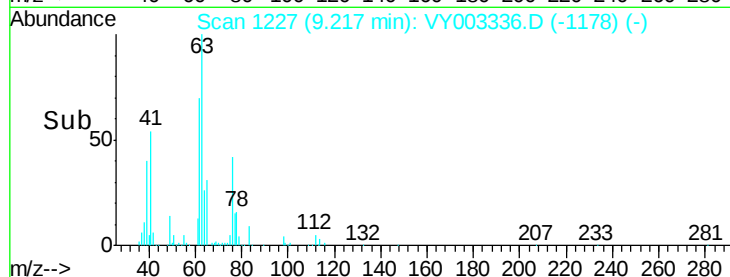
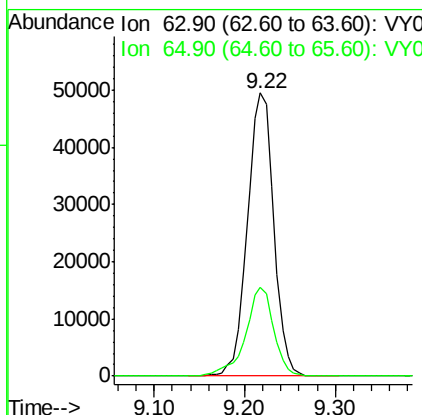
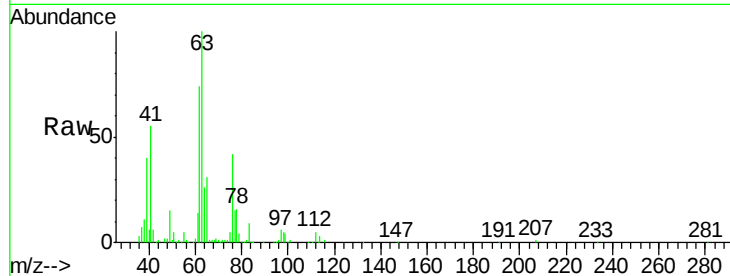
#45  
 1,2-Dichloropropane  
 Concen: 21.400 ug/l  
 RT: 9.22 min Scan# 1227  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.3  | 25.0  | 37.4  |

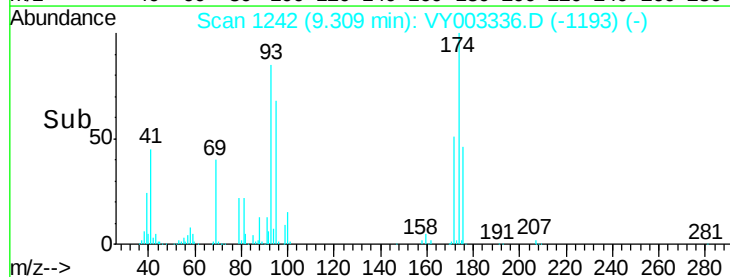
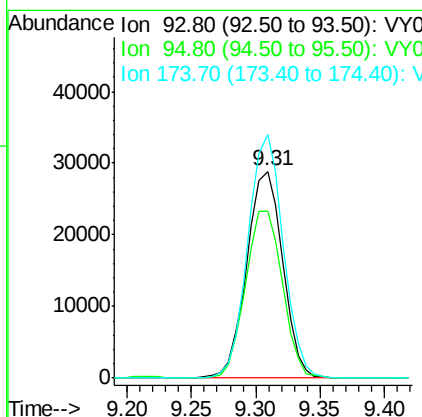
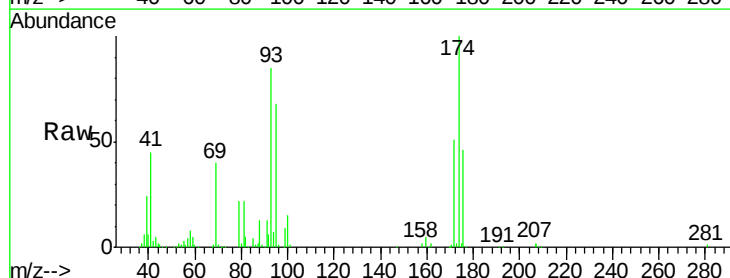
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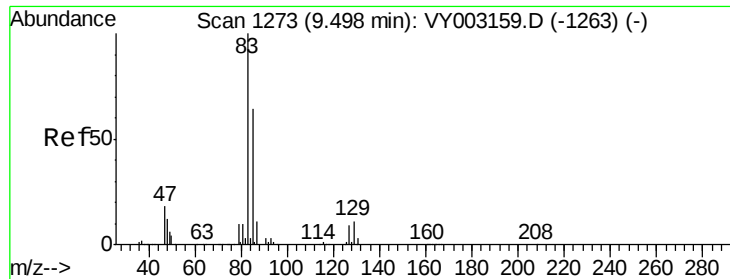
MMDadoda  
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#46  
 Dibromomethane  
 Concen: 20.558 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.8  | 66.6  | 99.8  |
| 174     | 115.1 | 90.2  | 135.4 |





#47

Bromodichloromethane

Concen: 21.102 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

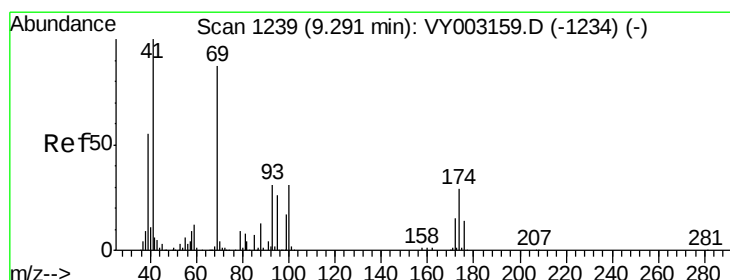
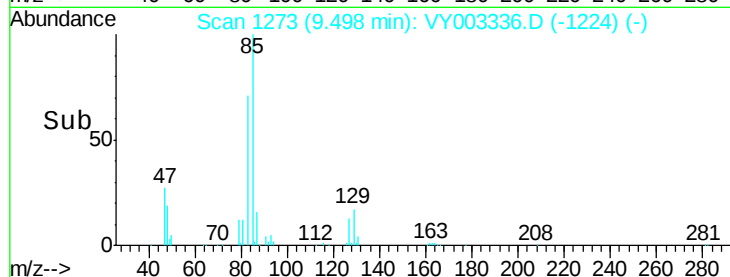
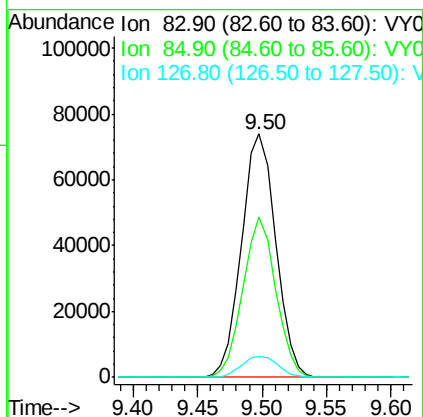
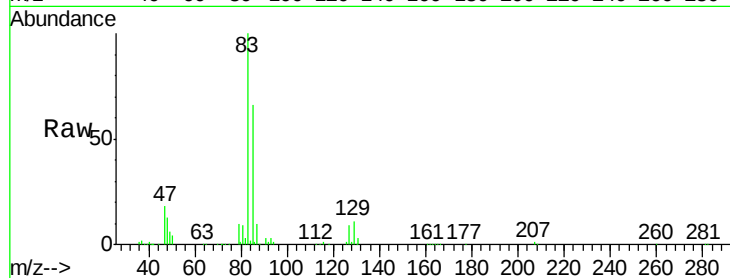
ClientSampleId :

VY0724SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 136219 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.0  | 50.9  | 76.3   |
| 127      | 8.8   | 7.0   | 10.4   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 21.123 ug/l

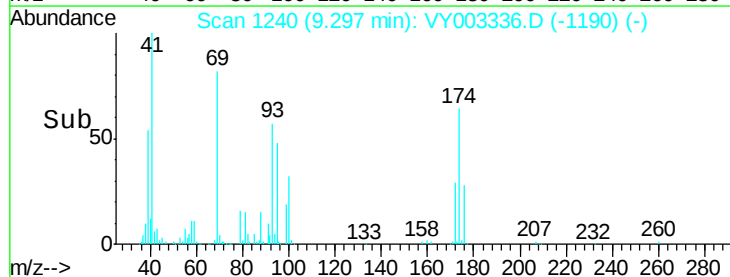
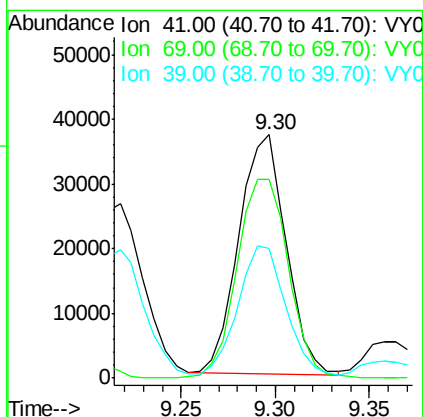
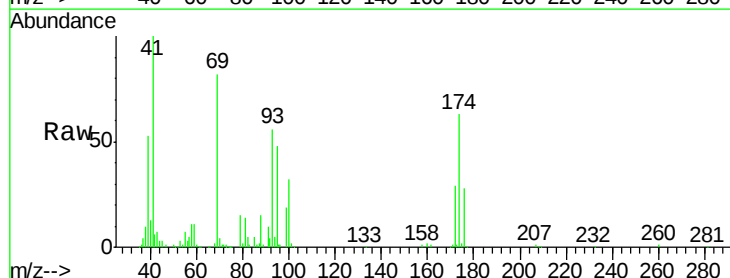
RT: 9.30 min Scan# 1240

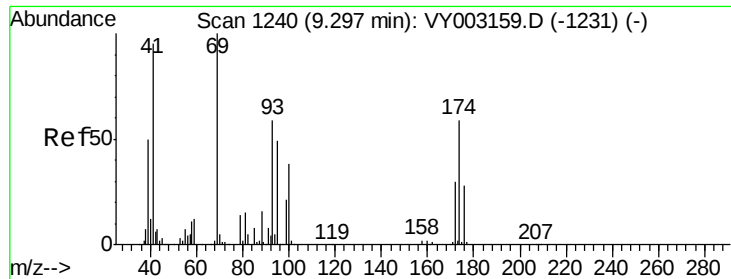
Delta R.T. 0.01 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 64202 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 90.9  | 74.5  | 111.7 |
| 39       | 57.1  | 47.5  | 71.3  |





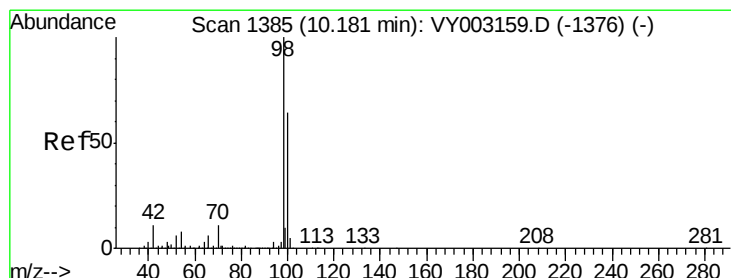
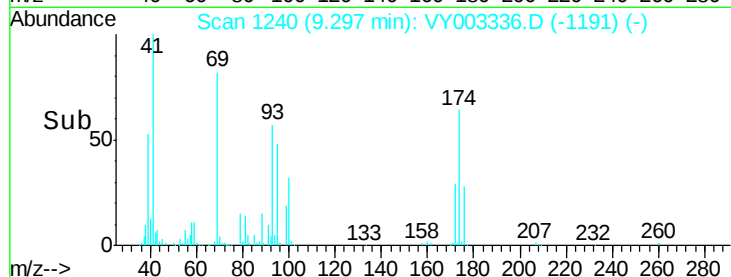
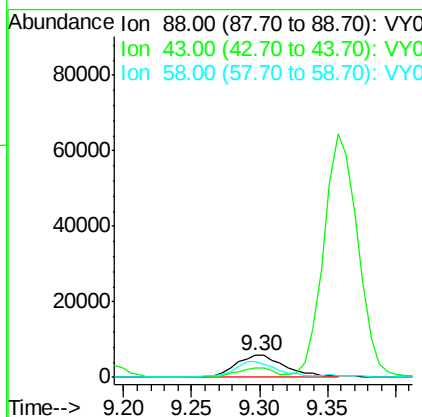
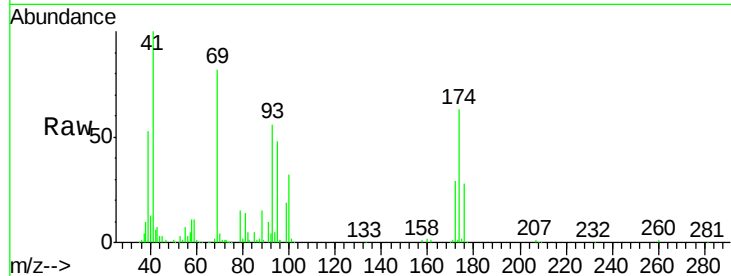
#49  
1,4-Dioxane  
Concen: 429.183 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion   | 88   | Resp  | 14784 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 88        | 100  |       |       |
| 43        | 31.0 | 25.6  | 38.4  |
| 58        | 64.3 | 47.8  | 71.6  |

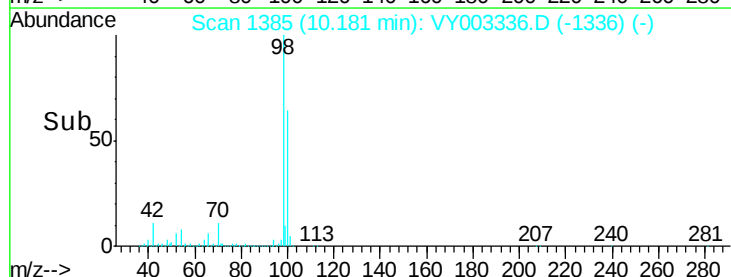
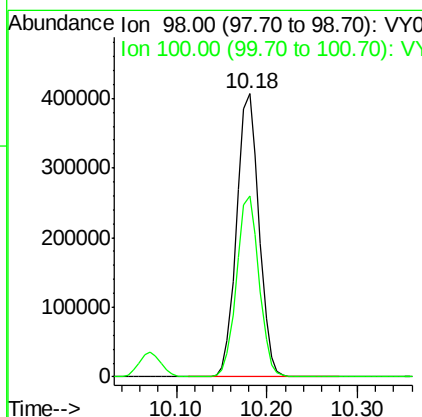
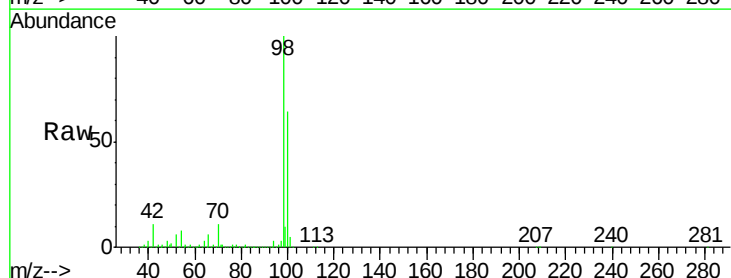
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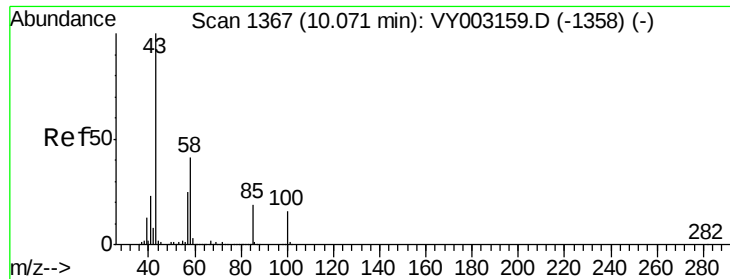
MMDadoda  
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#50  
Toluene-d8  
Concen: 45.343 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion   | 98   | Resp  | 698135 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 98        | 100  |       |        |
| 100       | 64.0 | 50.7  | 76.1   |





#51

4-Methyl-2-Pentanone

Concen: 109.275 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 43 Resp: 386159

Ion Ratio Lower Upper

43 100

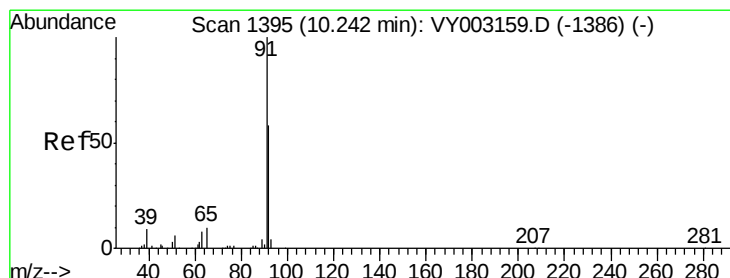
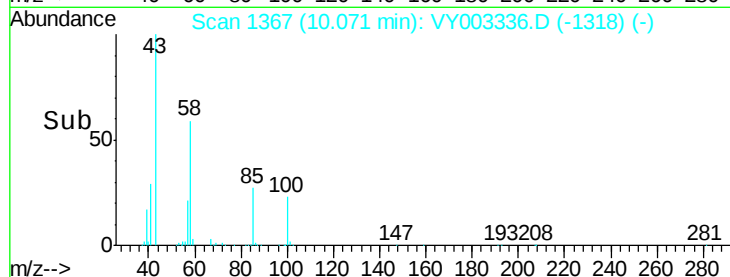
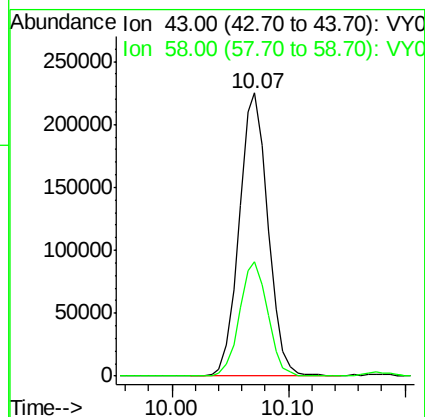
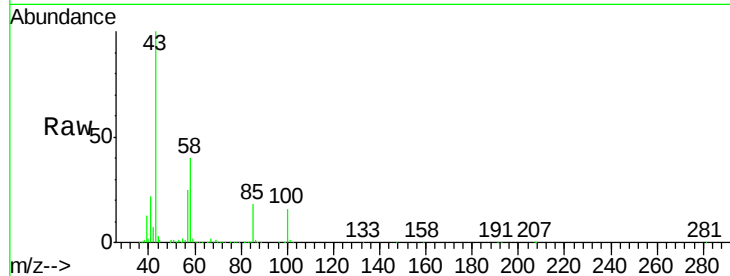
58 39.7 32.7 49.1

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#52

Toluene

Concen: 20.661 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003336.D

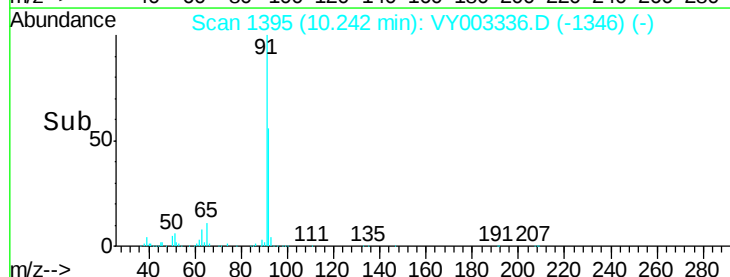
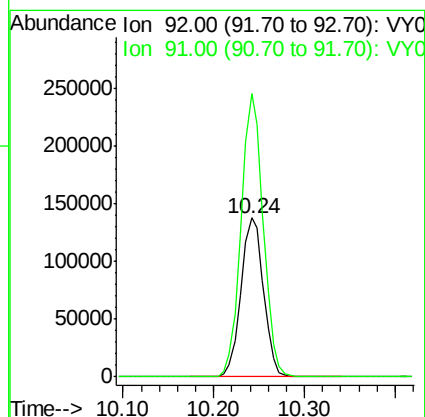
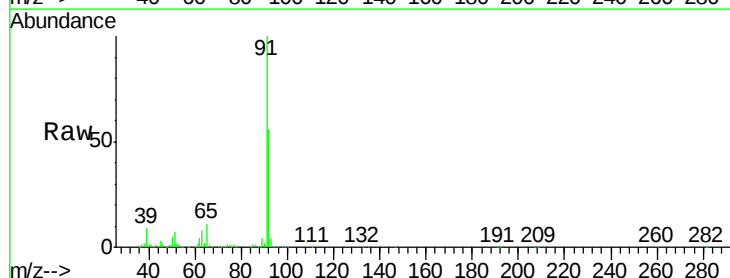
Acq: 24 Jul 2020 16:49

Tgt Ion: 92 Resp: 237162

Ion Ratio Lower Upper

92 100

91 174.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 21.240 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 75 Resp: 142055

Ion Ratio Lower Upper

75 100

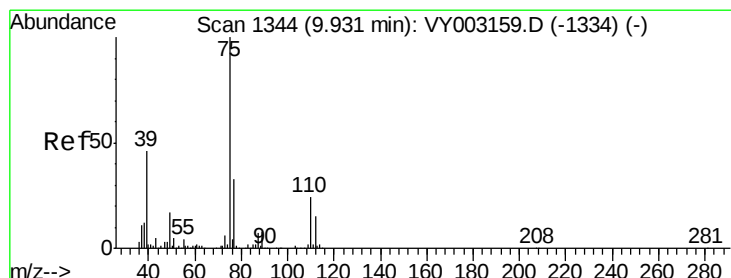
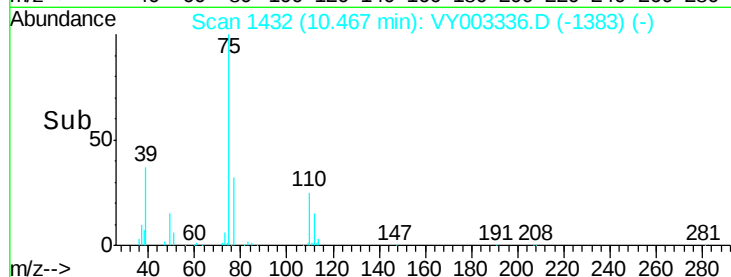
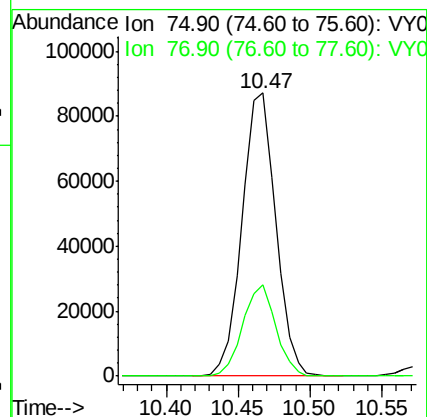
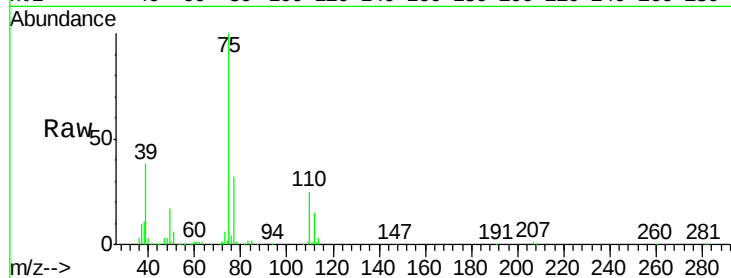
77 32.1 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.053 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

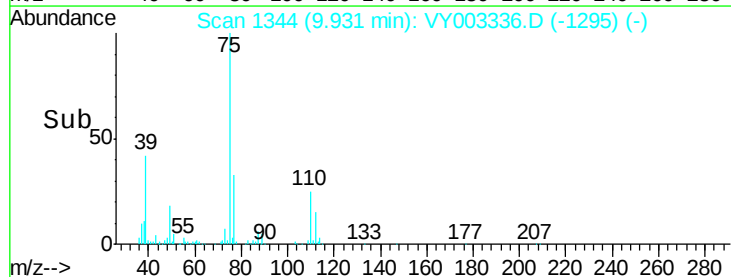
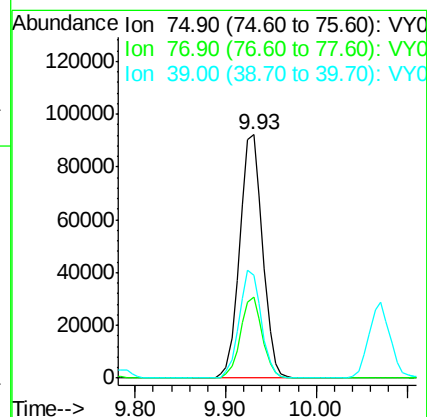
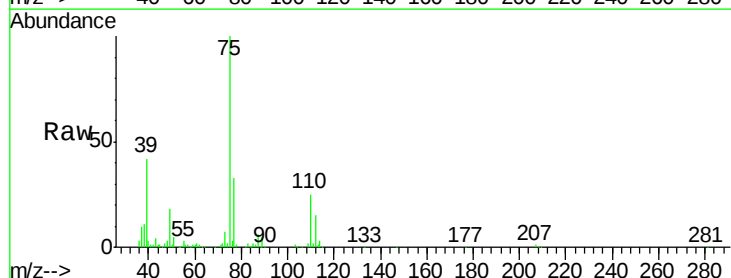
Tgt Ion: 75 Resp: 162232

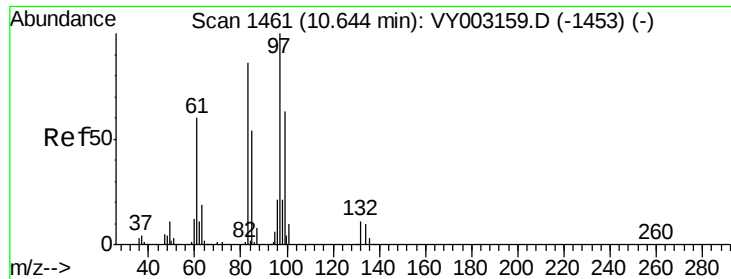
Ion Ratio Lower Upper

75 100

77 33.2 26.7 40.1

39 42.3 37.0 55.6





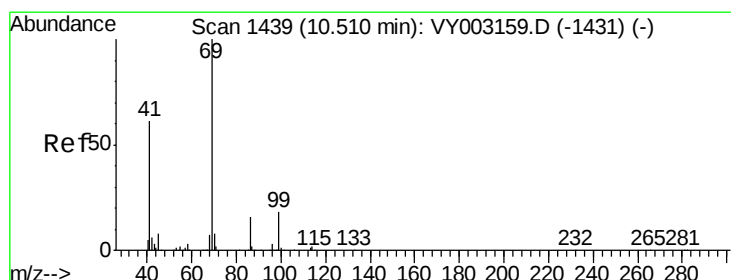
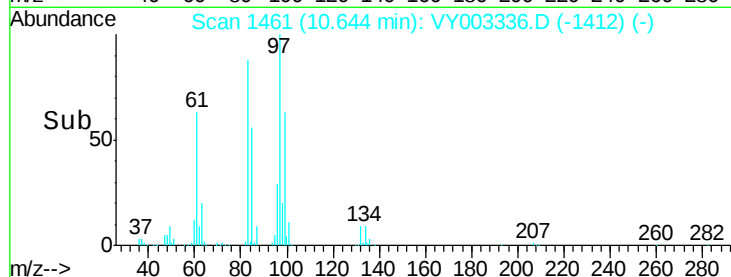
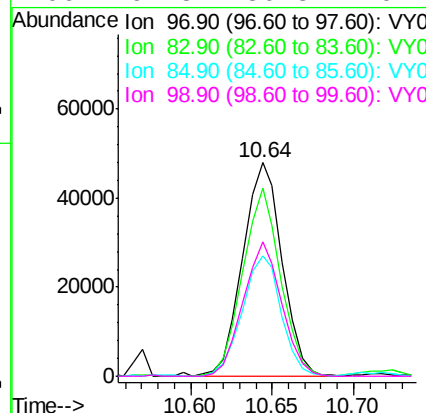
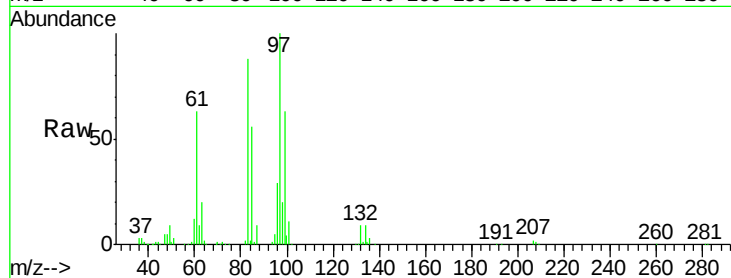
#55  
 1,1,2-Trichloroethane  
 Concen: 20.919 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 88.0  | 68.8  | 103.2 |
| 85      | 56.1  | 43.1  | 64.7  |
| 99      | 62.8  | 50.8  | 76.2  |

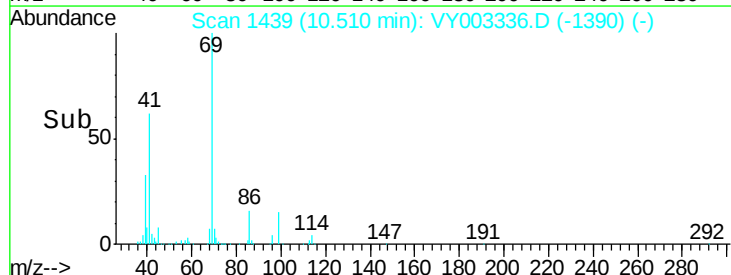
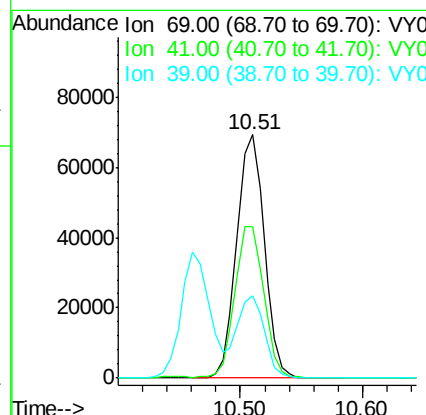
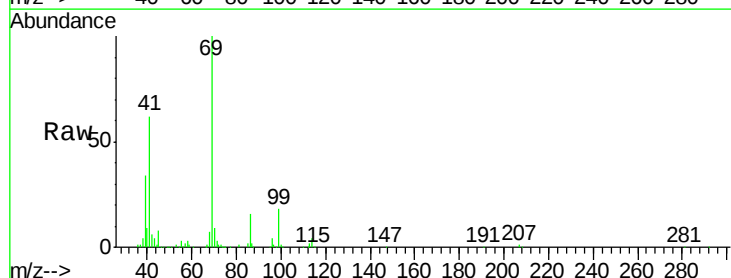
Manual Integrations  
 APPROVED

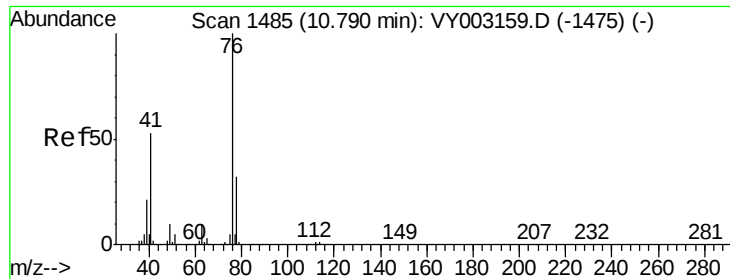
MMDadoda  
 7/27/2020 12:03:25 PM



#56  
 Ethyl methacrylate  
 Concen: 20.724 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 64.3  | 50.0  | 75.0  |
| 39      | 34.1  | 27.6  | 41.4  |





#57

1,3-Dichloropropane

Concen: 21.353 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 76 Resp: 139248

Ion Ratio Lower Upper

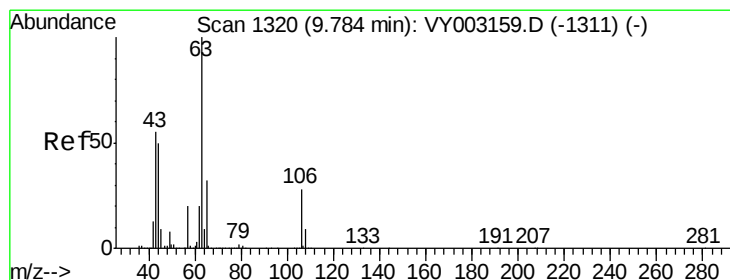
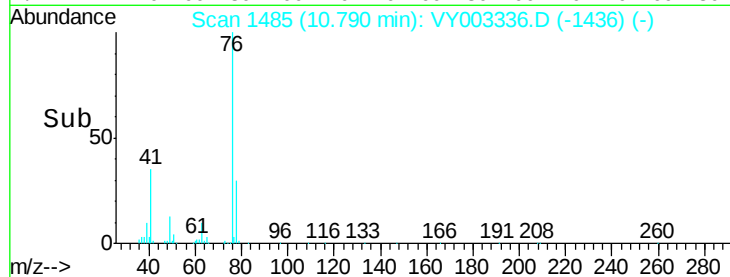
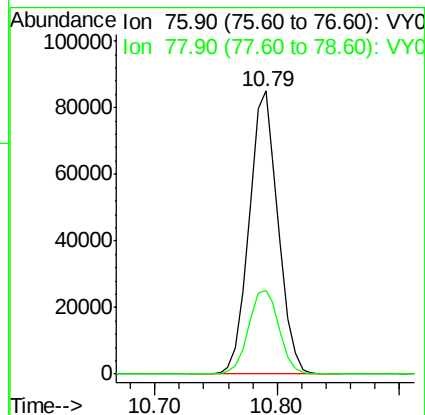
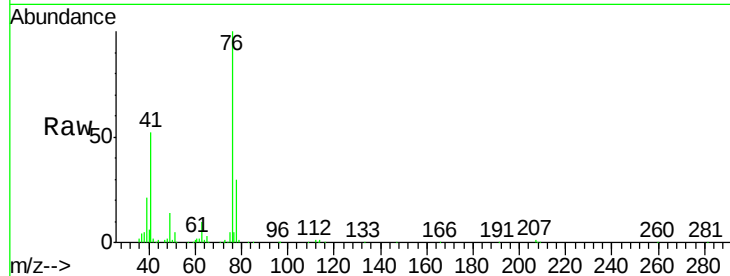
76 100

78 31.4 26.0 39.0

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 114.361 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003336.D

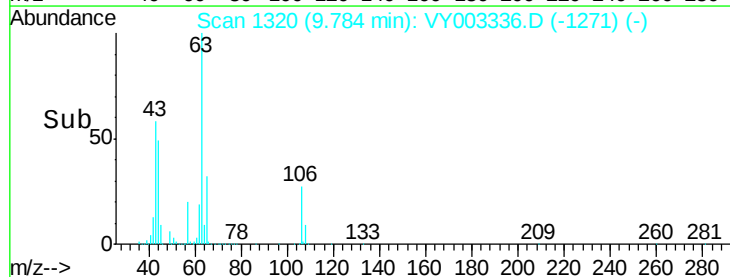
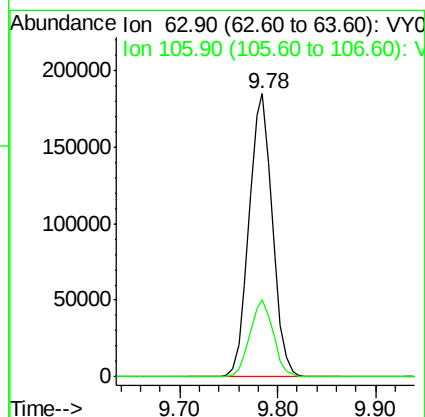
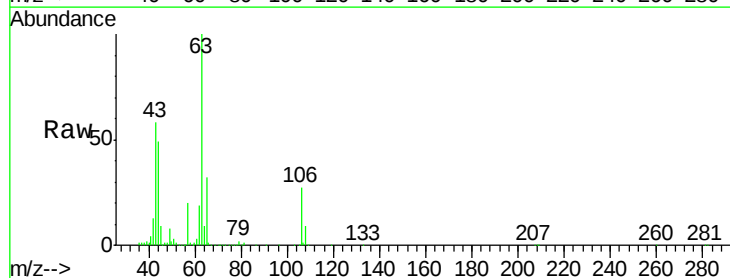
Acq: 24 Jul 2020 16:49

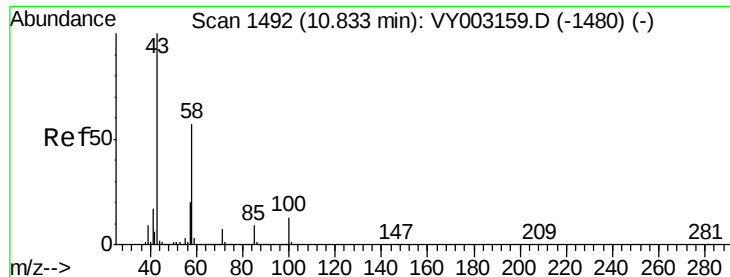
Tgt Ion: 63 Resp: 304967

Ion Ratio Lower Upper

63 100

106 27.3 22.9 34.3





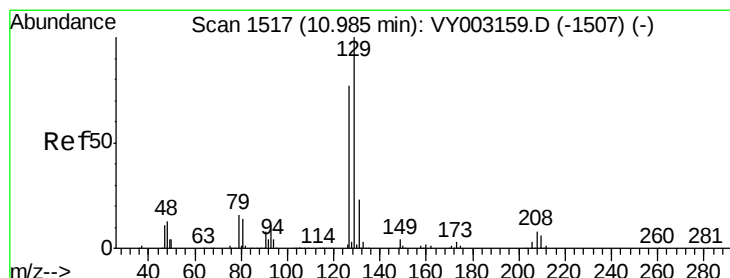
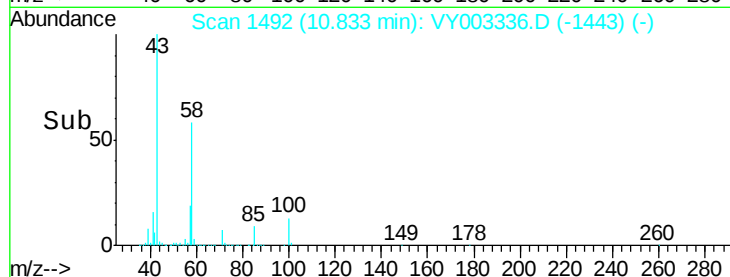
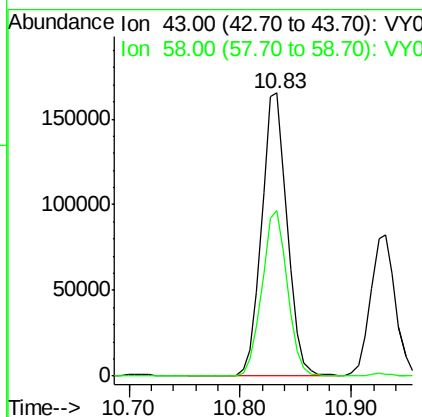
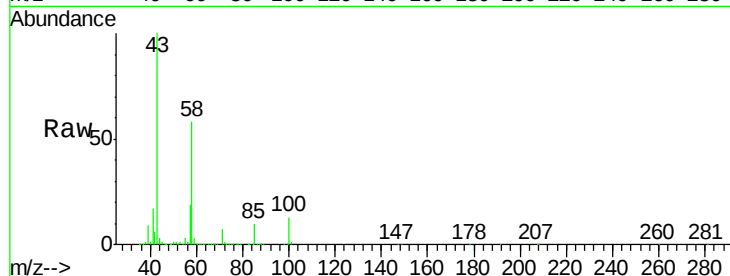
#59  
2-Hexanone  
Concen: 107.522 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

Tot Ion: 43 Resp: 265242  
Ion Ratio Lower Upper  
43 100  
58 58.0 28.3 85.0

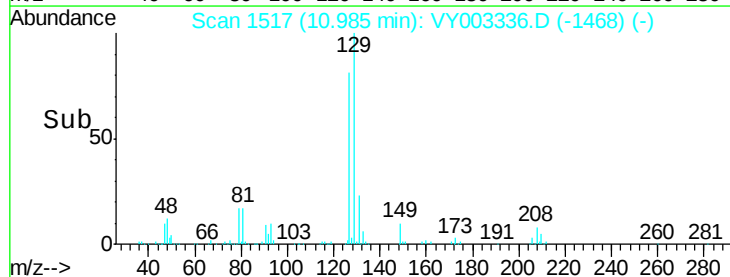
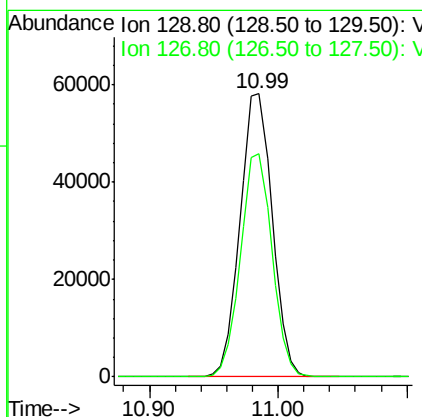
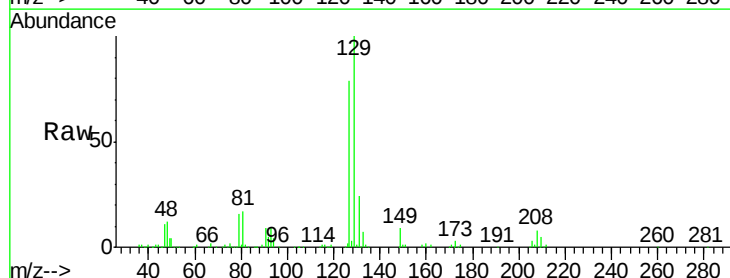
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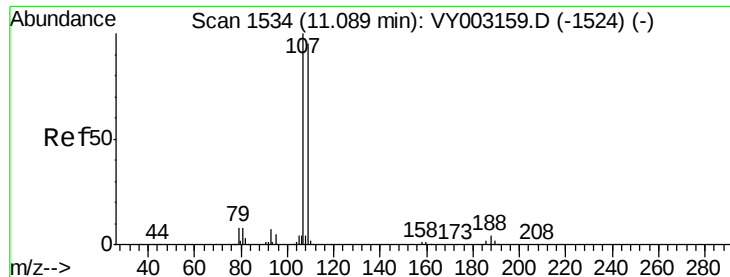
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 20.791 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Tgt Ion: 129 Resp: 100575  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.5 115.5





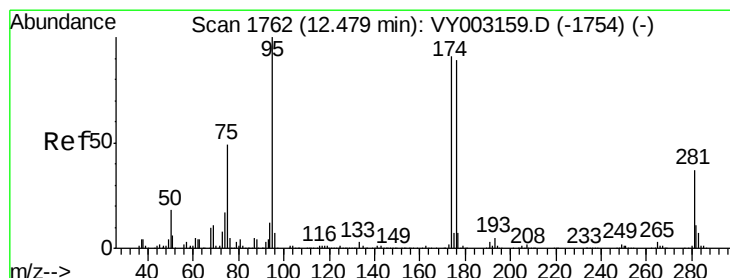
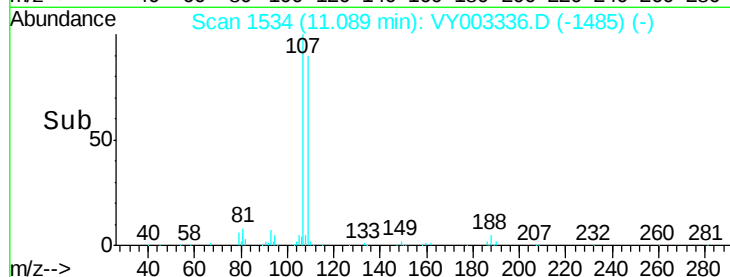
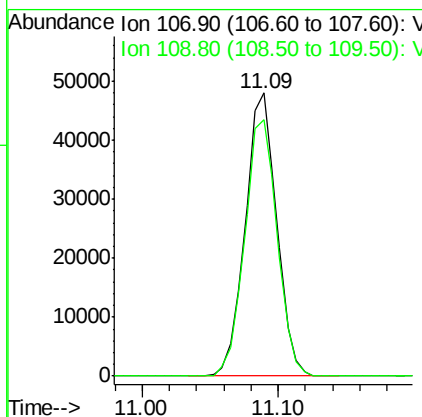
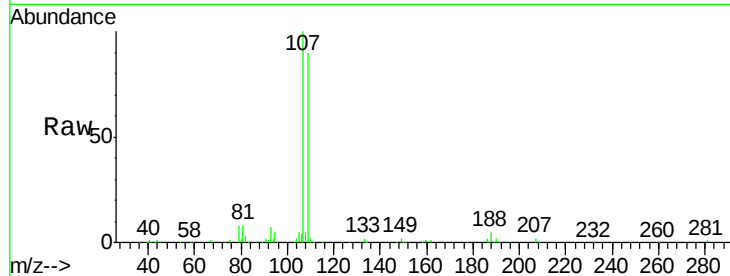
#61  
 1,2-Dibromoethane  
 Concen: 20.493 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.8  | 75.6  | 113.4 |

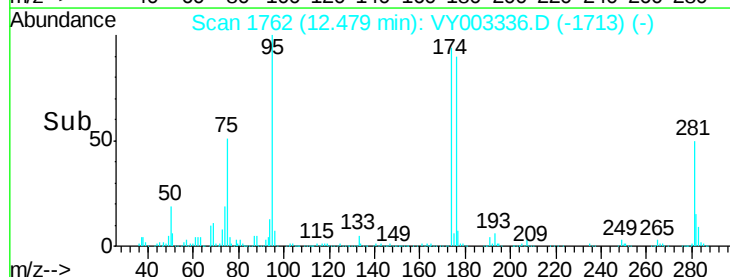
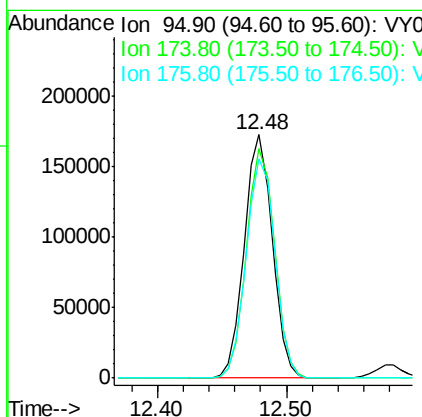
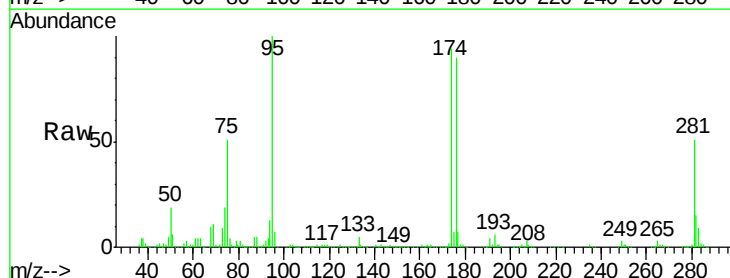
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#62  
 4-Bromofluorobenzene  
 Concen: 46.724 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 94.8  | 0.0   | 190.6 |
| 176     | 92.2  | 0.0   | 186.4 |





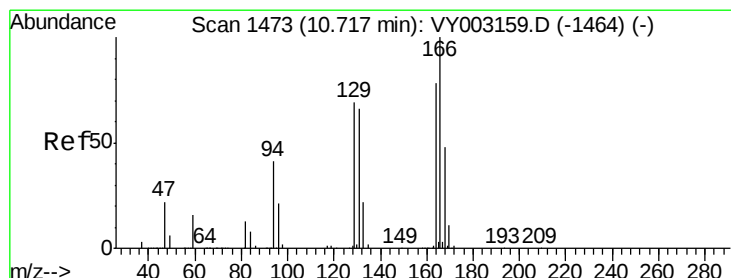
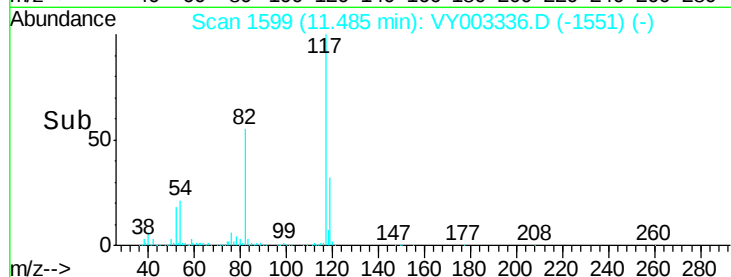
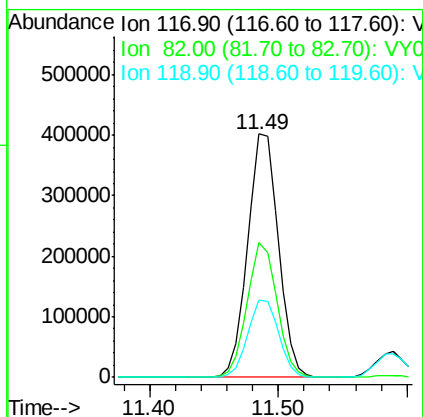
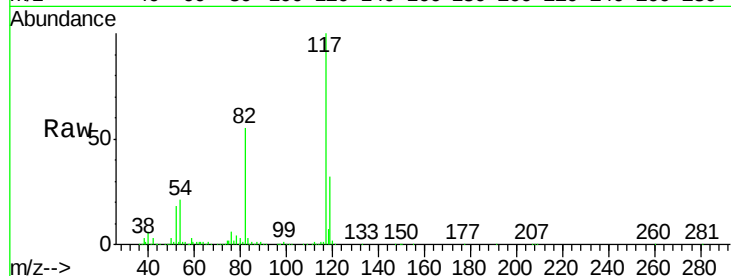
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 659210 |       |       |
| 82      | 55.3  | 42.0   | 63.0  |       |
| 119     | 31.6  | 25.5   | 38.3  |       |

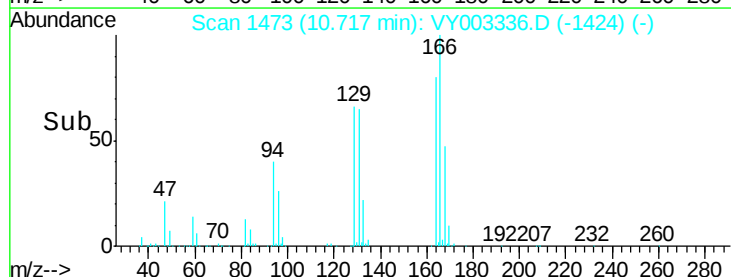
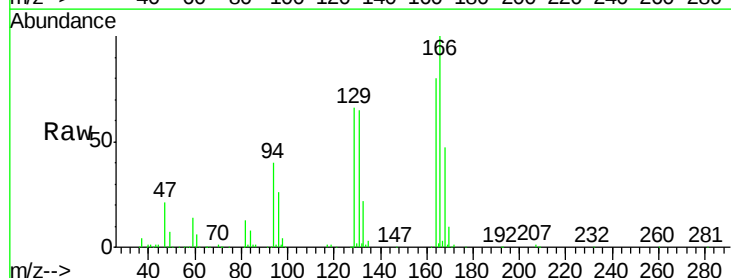
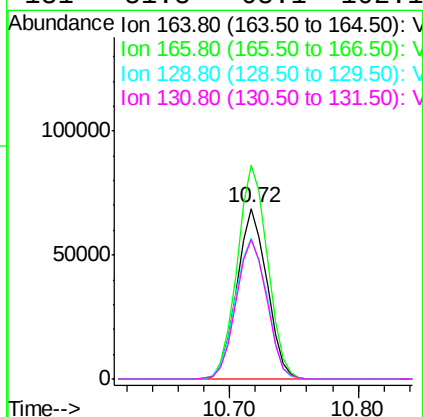
Manual Integrations  
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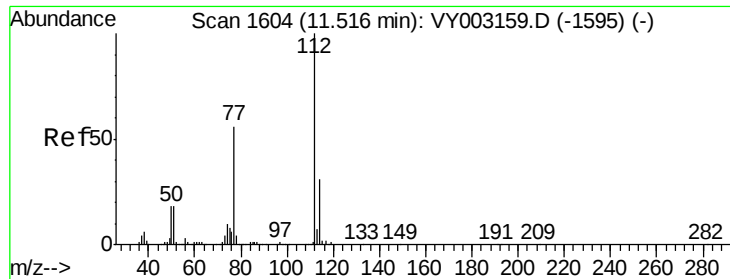
MMDadoda  
7/27/2020 12:03:25 PM



#64  
Tetrachloroethene  
Concen: 18.992 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 111627 |       |       |
| 166     | 125.1 | 102.9  | 154.3 |       |
| 129     | 82.8  | 71.4   | 107.2 |       |
| 131     | 81.8  | 68.1   | 102.1 |       |





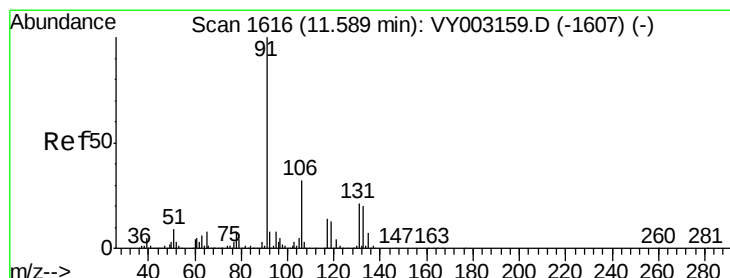
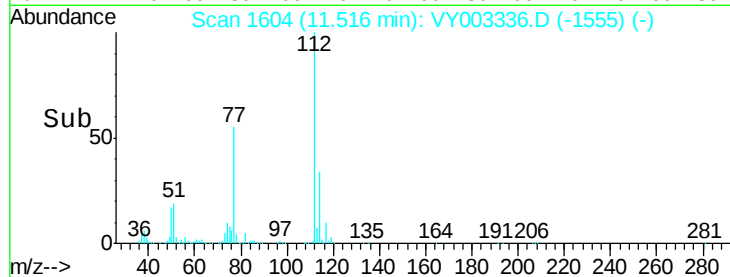
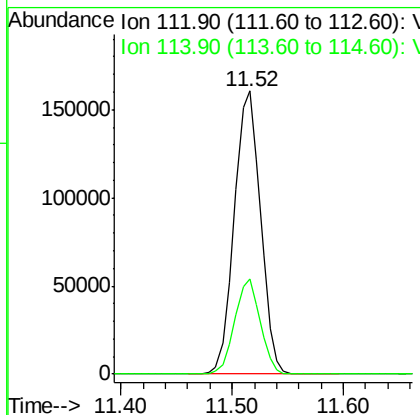
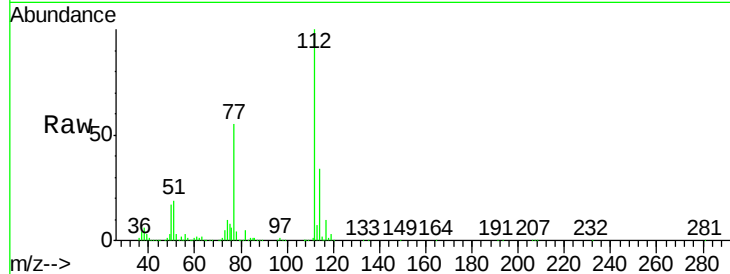
#65  
Chlorobenzene  
Concen: 20.606 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

Tot Ion:112 Resp: 261681  
Ion Ratio Lower Upper  
112 100  
114 33.8 24.7 37.1

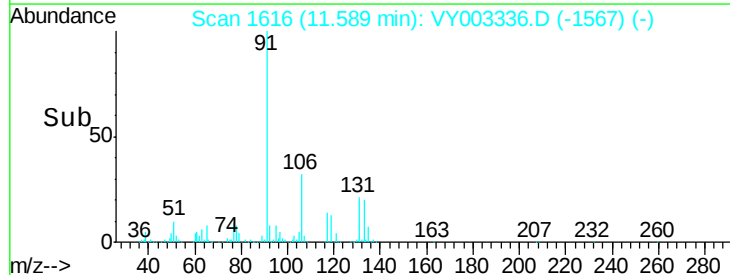
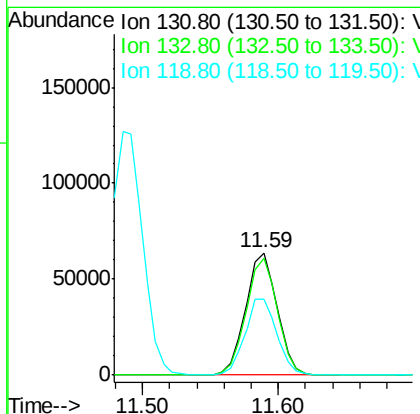
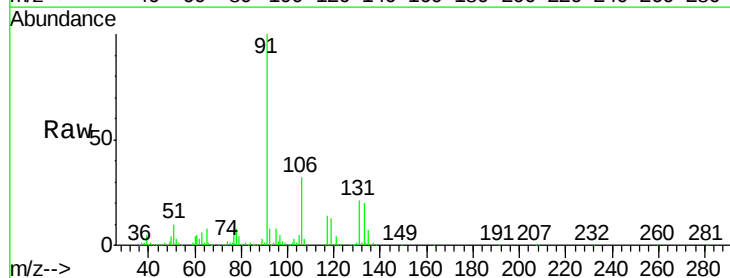
Manual Integrations  
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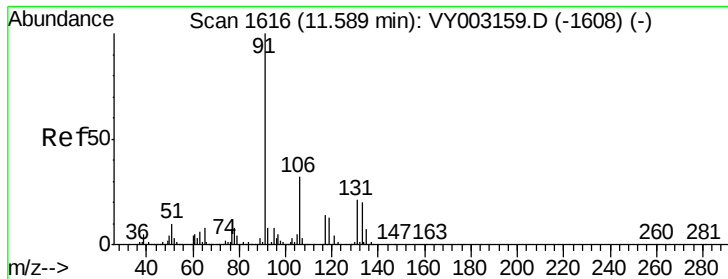
MMDadoda  
7/27/2020 12:03:25 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.957 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Tgt Ion:131 Resp: 103368  
Ion Ratio Lower Upper  
131 100  
133 95.2 48.0 144.0  
119 63.3 32.4 97.0





#67

Ethyl Benzene

Concen: 20.564 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 91 Resp: 466290

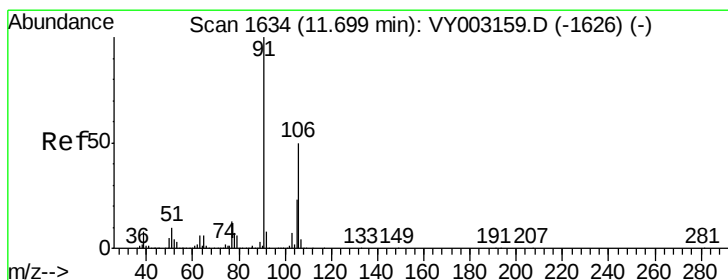
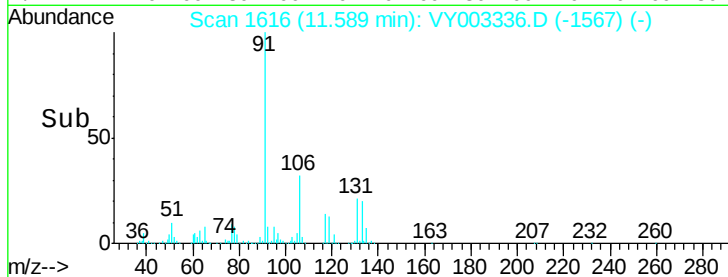
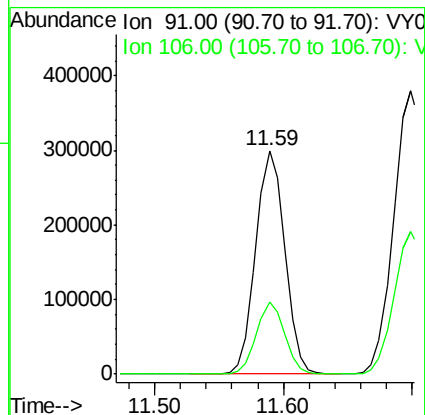
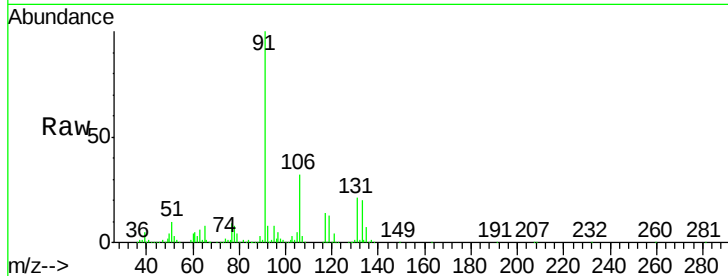
Ion Ratio Lower Upper

91 100

106 32.5 25.5 38.3

Manual Integrations  
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7/27/2020 12:03:25 PM



#68

m/p-Xylenes

Concen: 40.686 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003336.D

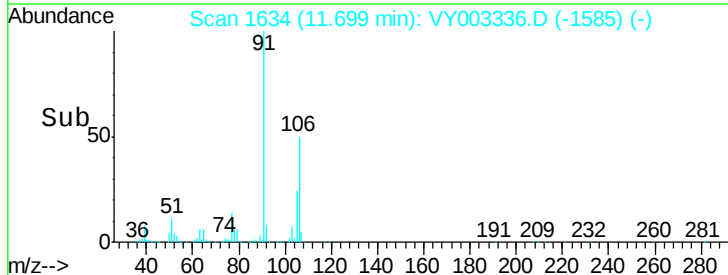
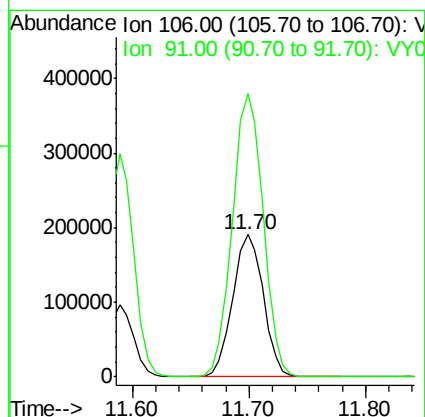
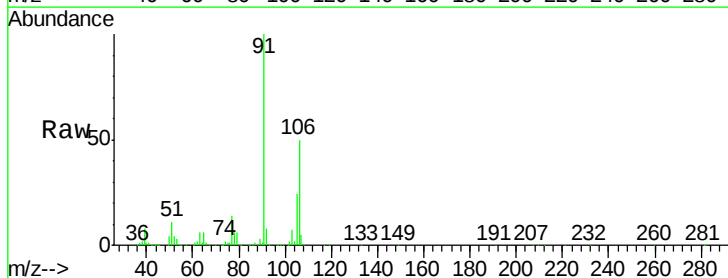
Acq: 24 Jul 2020 16:49

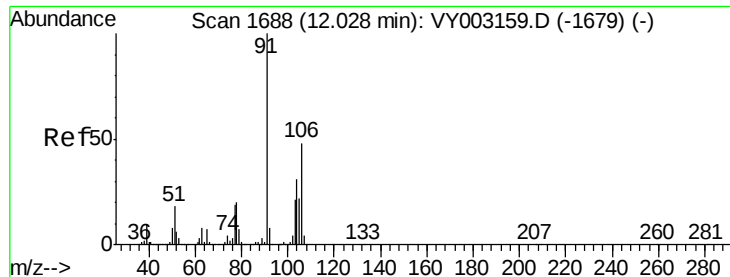
Tgt Ion: 106 Resp: 350040

Ion Ratio Lower Upper

106 100

91 199.7 159.0 238.6





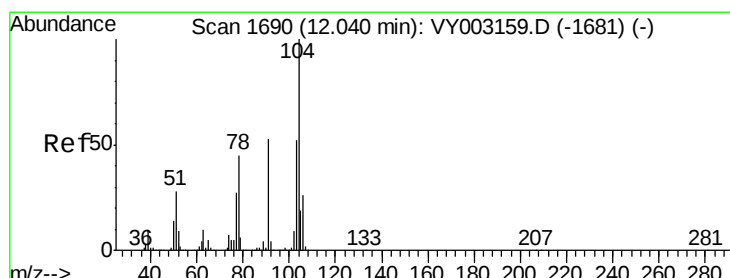
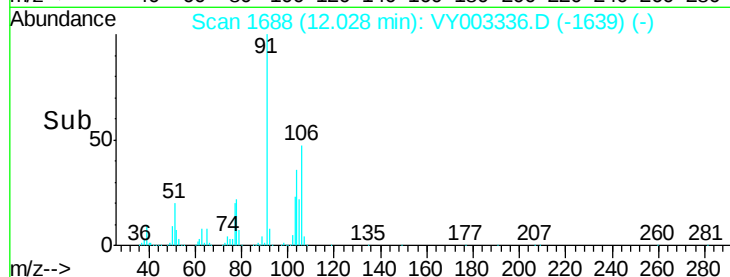
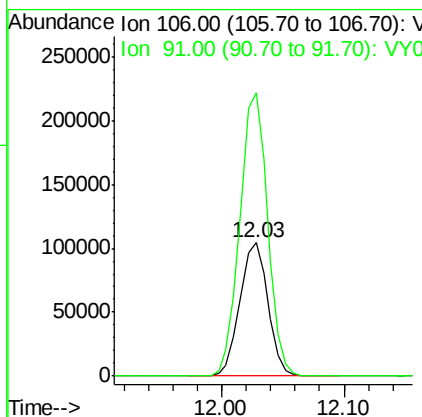
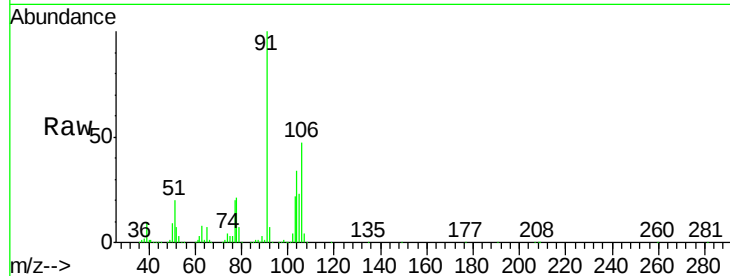
#69  
o-Xylene  
Concen: 20.617 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

Tot Ion:106 Resp: 165704  
Ion Ratio Lower Upper  
106 100  
91 210.8 105.1 315.1

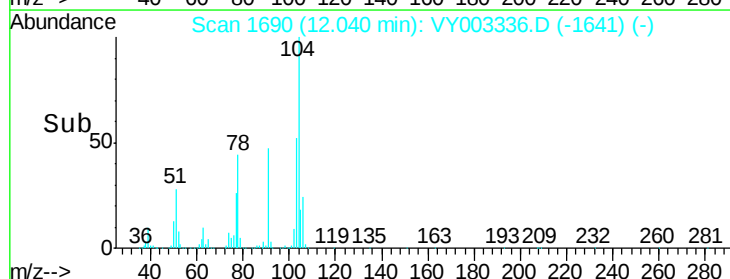
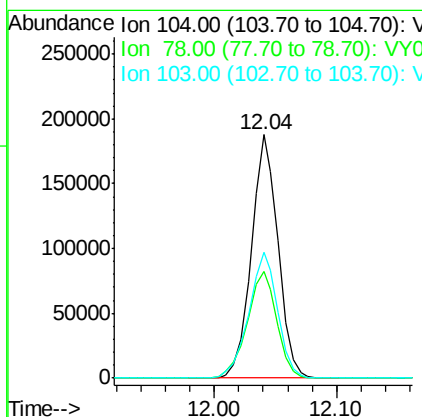
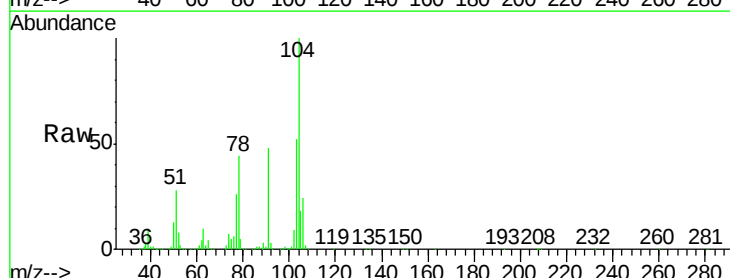
Manual Integrations  
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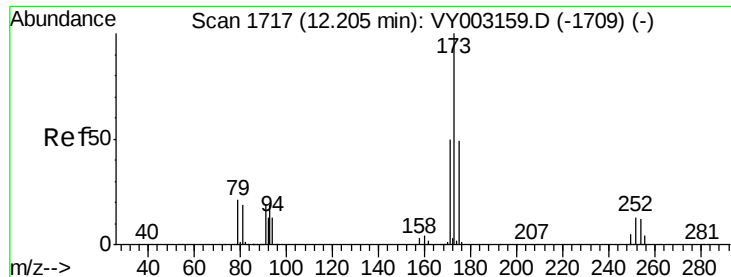
MMDadoda  
7/27/2020 12:03:25 PM



#70  
Styrene  
Concen: 20.691 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Tgt Ion:104 Resp: 284487  
Ion Ratio Lower Upper  
104 100  
78 48.6 38.5 57.7  
103 55.9 43.9 65.9





#71

Bromoform

Concen: 20.855 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

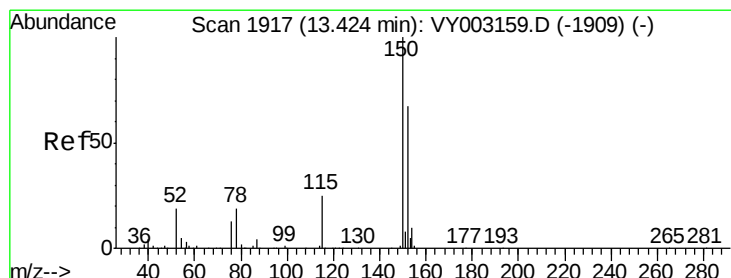
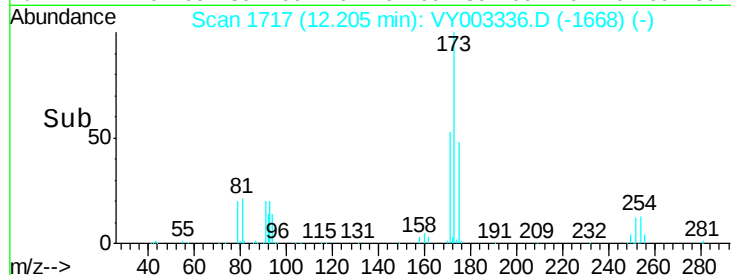
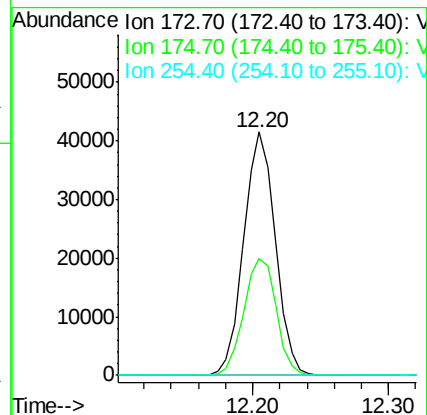
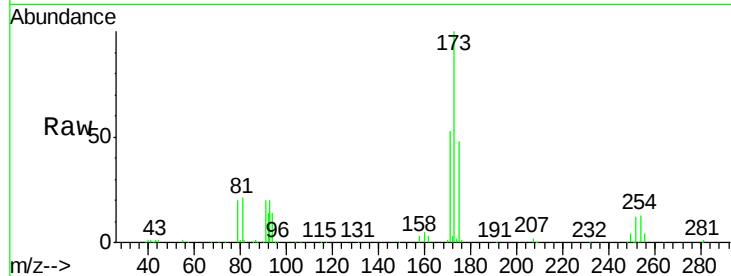
ClientSampleId :

VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.2  | 24.3  | 73.0  |
| 254     | 0.0   | 0.2   | 0.2   |

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

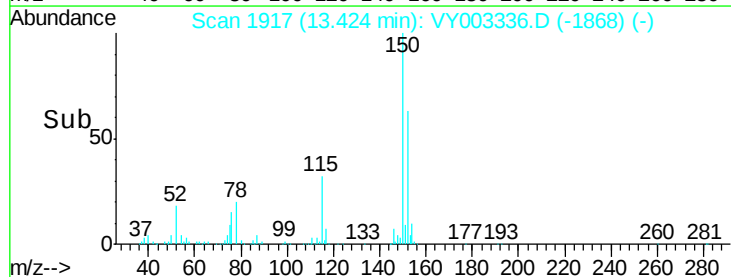
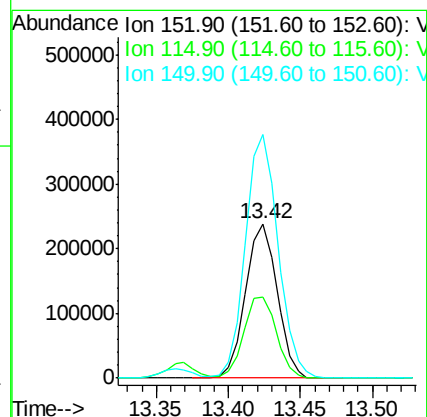
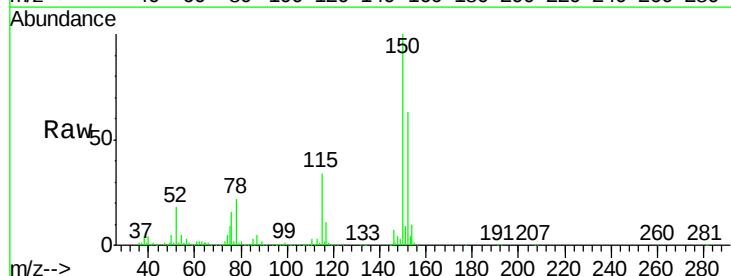
RT: 13.42 min Scan# 1917

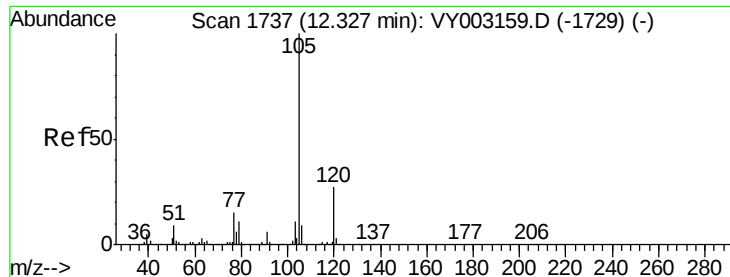
Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.7  | 26.9  | 80.7  |
| 150     | 163.8 | 0.0   | 338.0 |





#73

Isopropylbenzene

Concen: 19.883 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 105 Resp: 458924

Ion Ratio Lower Upper

105 100

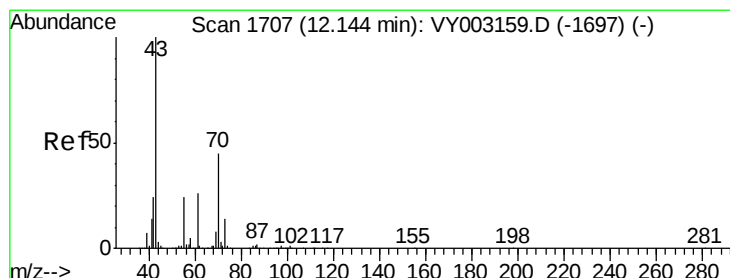
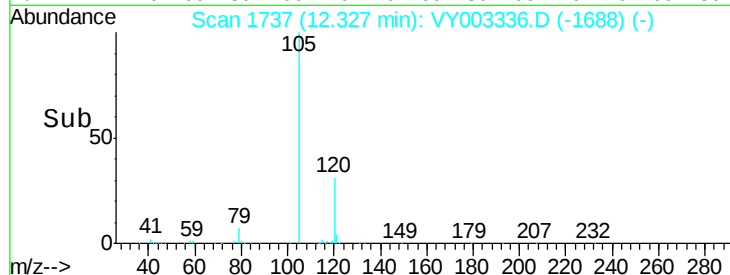
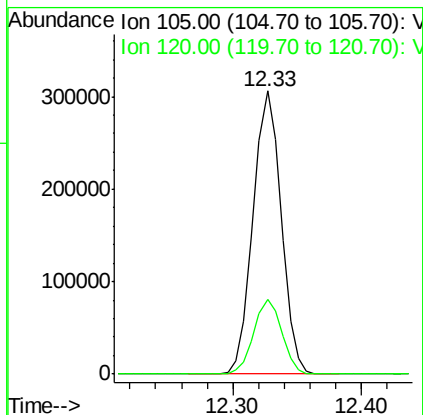
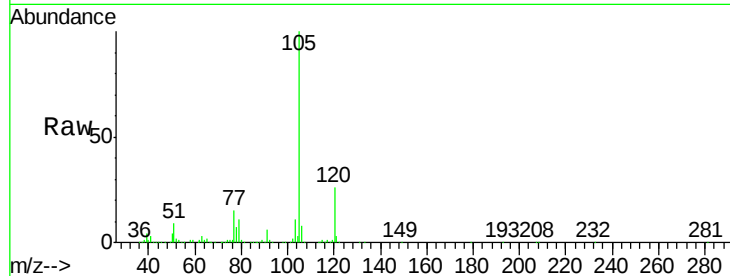
120 26.5 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.544 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Tgt Ion: 43 Resp: 133048

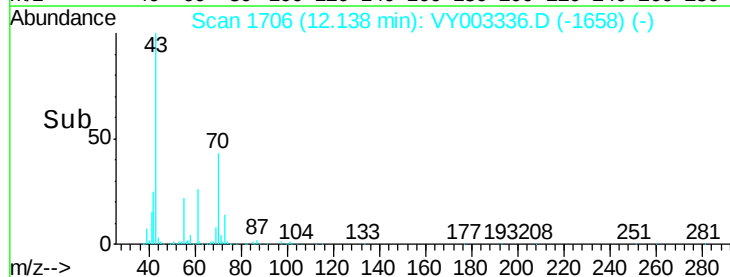
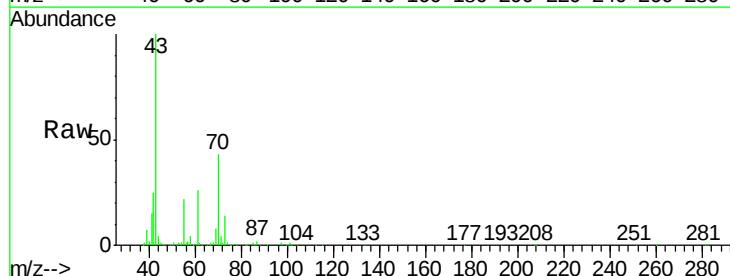
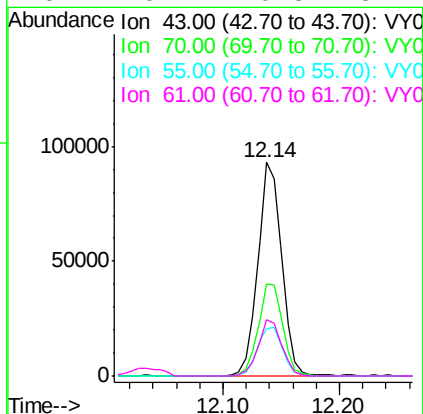
Ion Ratio Lower Upper

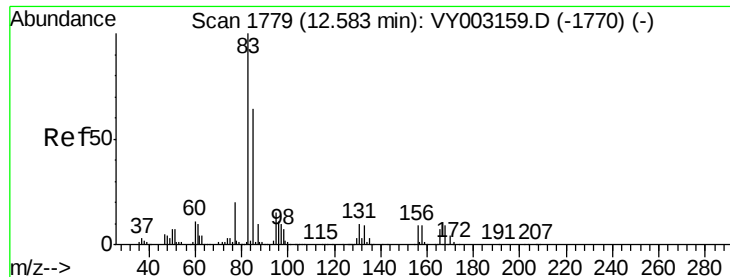
43 100

70 44.4 35.6 53.4

55 24.4 19.4 29.2

61 26.1 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.077 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

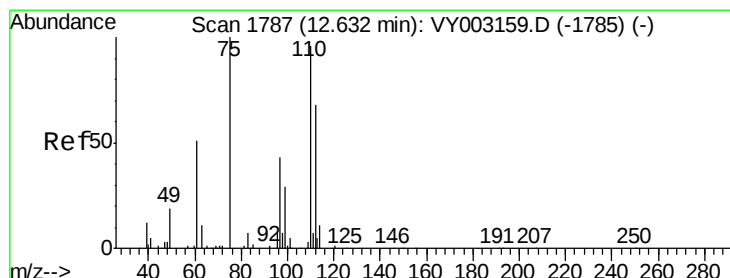
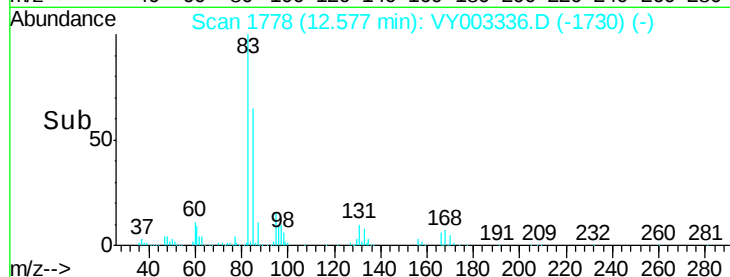
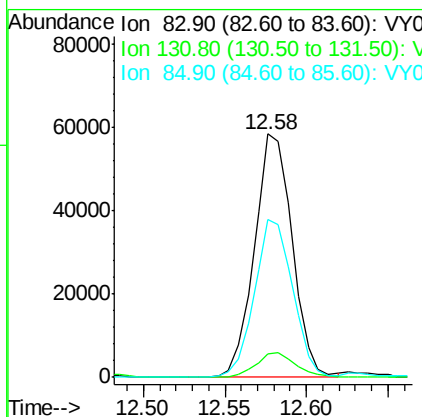
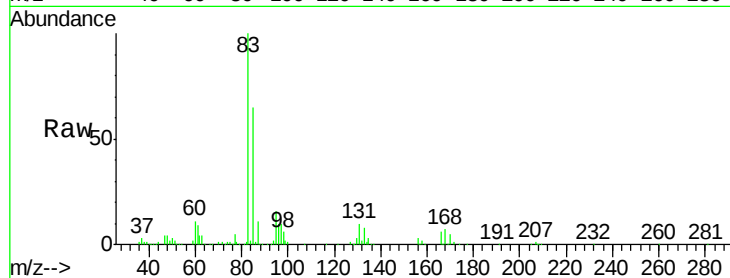
ClientSampleId :

VY0724SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 93958 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.7  | 5.2   | 15.6  |
| 85        | 65.5  | 32.0  | 96.0  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 20.756 ug/l m

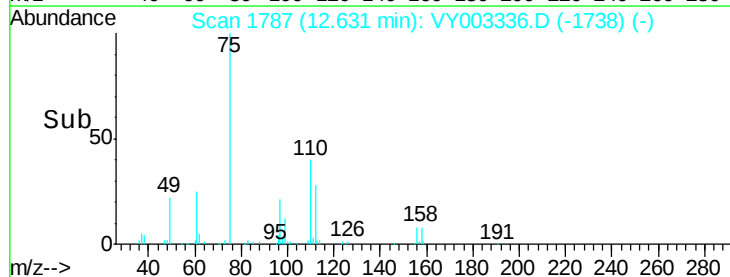
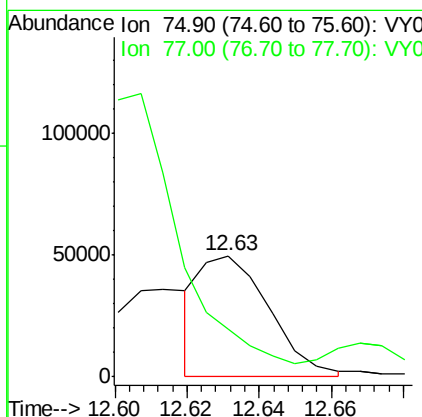
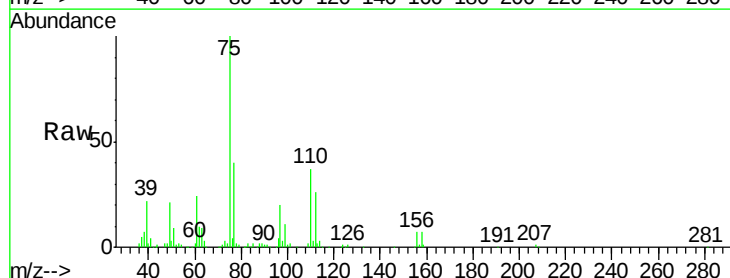
RT: 12.63 min Scan# 1787

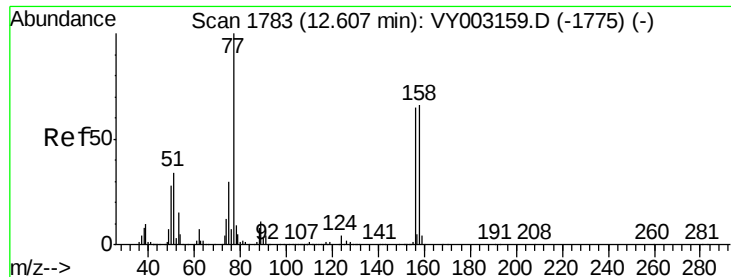
Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 66545 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





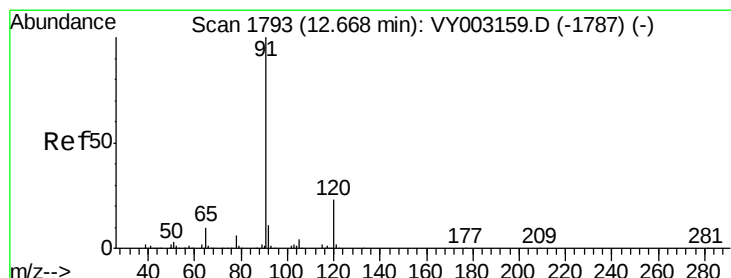
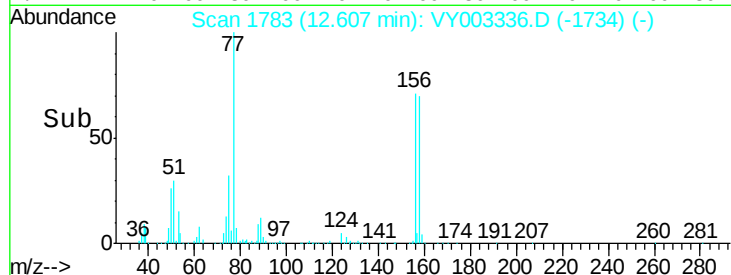
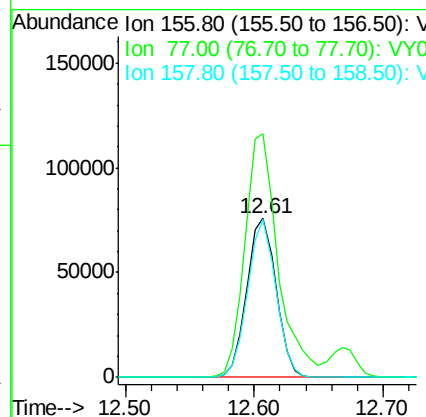
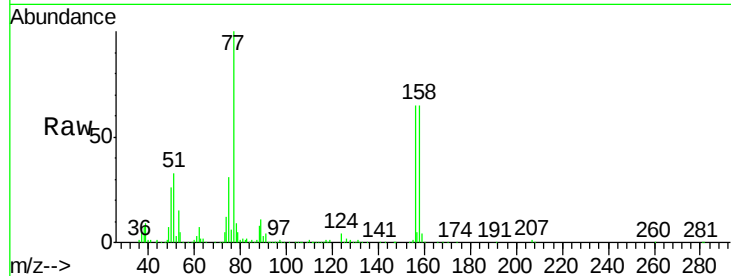
#77  
Bromobenzene  
Concen: 20.195 ug/l  
RT: 12.61 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 174.0 | 86.6  | 259.7 |
| 158     | 95.7  | 49.4  | 148.0 |

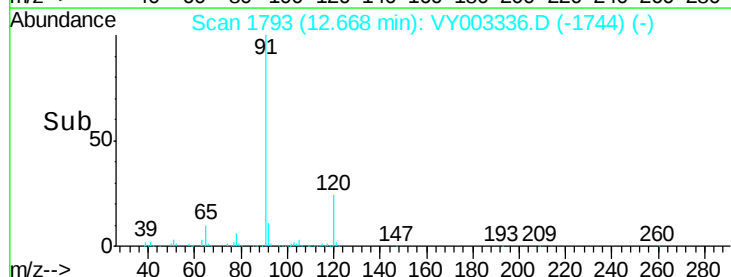
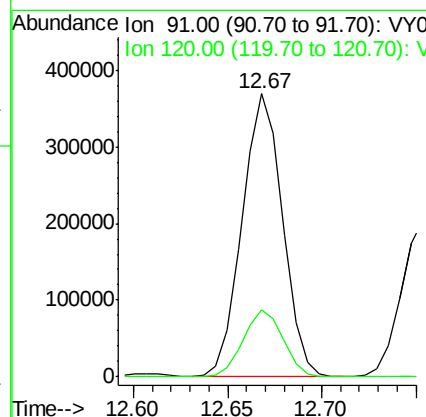
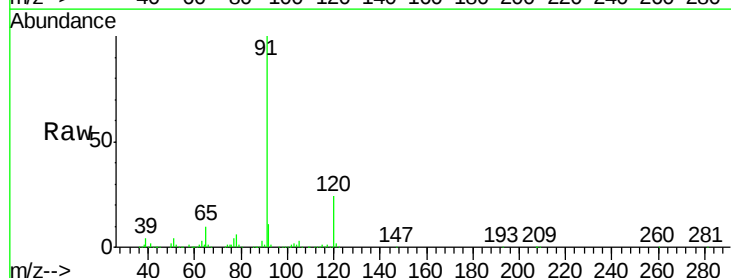
Manual Integrations  
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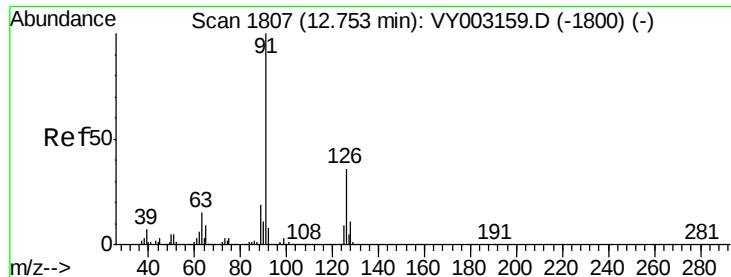
MMDadoda  
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#78  
n-propylbenzene  
Concen: 20.124 ug/l  
RT: 12.67 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.4  | 11.7  | 35.1  |





#79

2-Chlorotoluene

Concen: 20.193 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion: 91 Resp: 306530

Ion Ratio Lower Upper

91 100

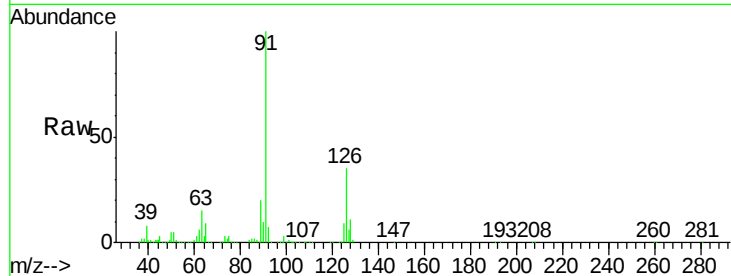
126 35.0 17.6 52.9

Manual Integrations

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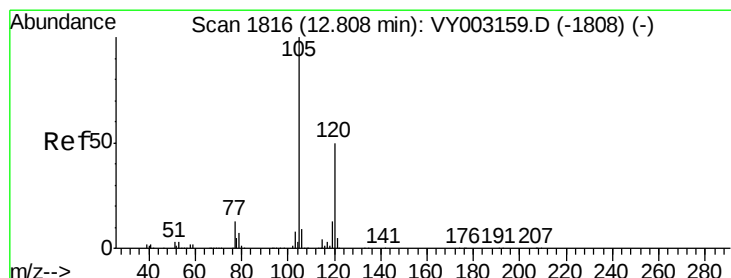
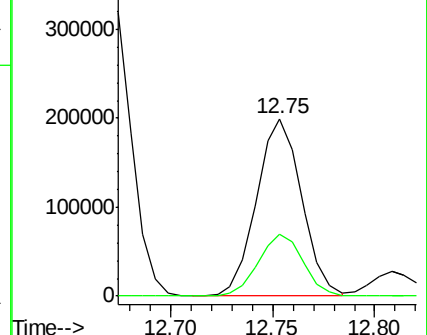
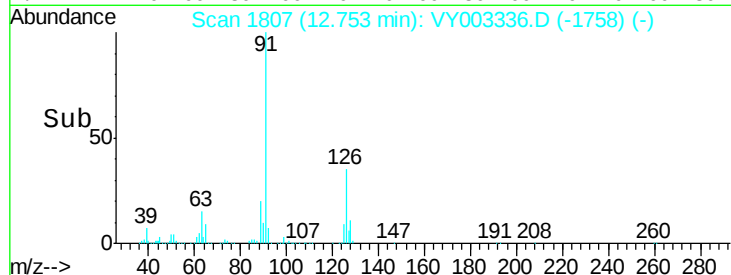
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Abundance Ion 91.00 (90.70 to 91.70): VY003336.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003336.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.983 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003336.D

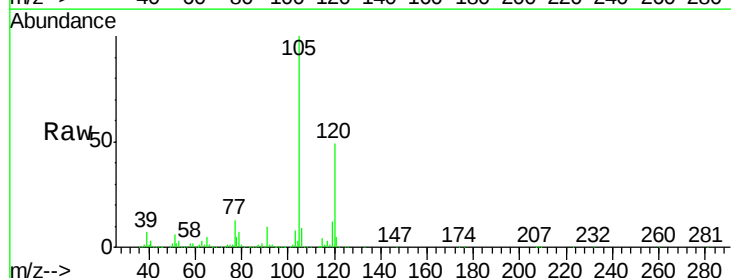
Acq: 24 Jul 2020 16:49

Tgt Ion: 105 Resp: 384419

Ion Ratio Lower Upper

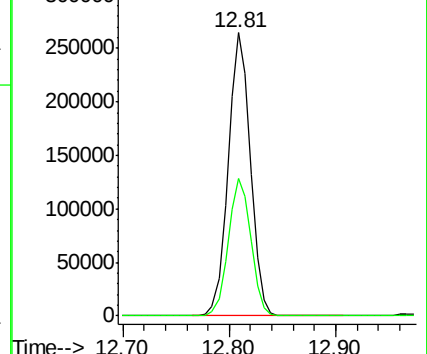
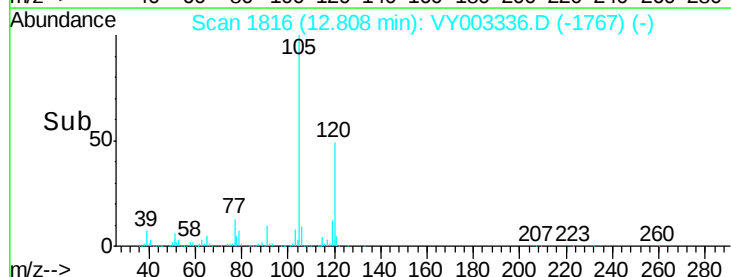
105 100

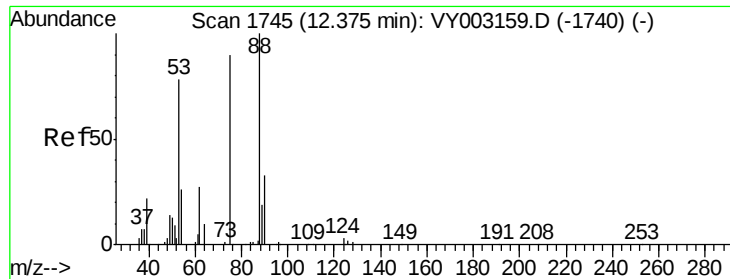
120 49.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003336.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003336.D (-1767) (-)





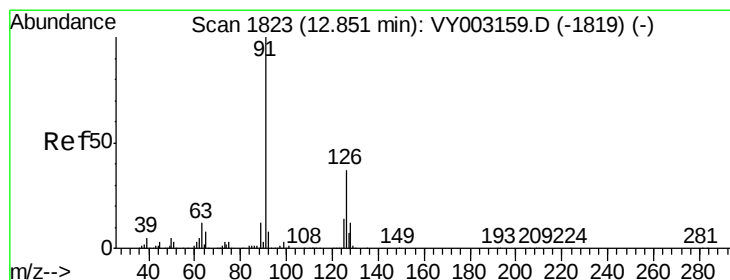
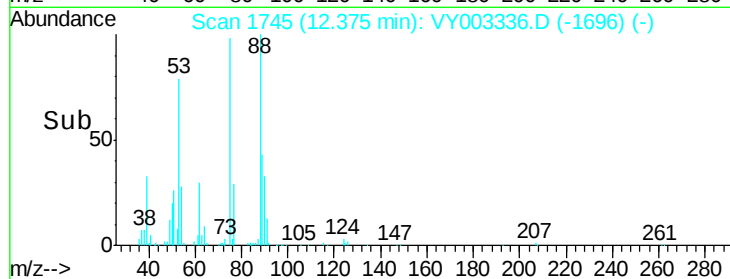
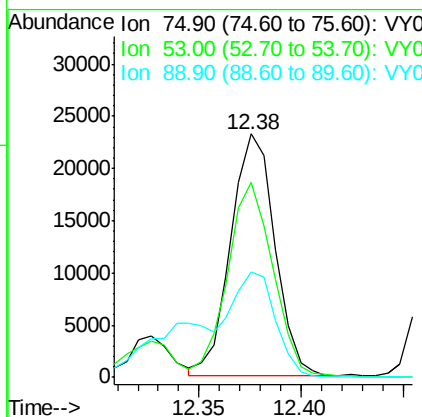
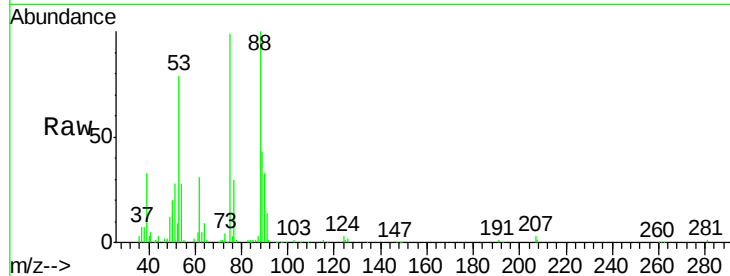
#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.152 ug/l  
RT: 12.38 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 83.4  | 72.0  | 108.0 |
| 89      | 44.4  | 37.3  | 55.9  |

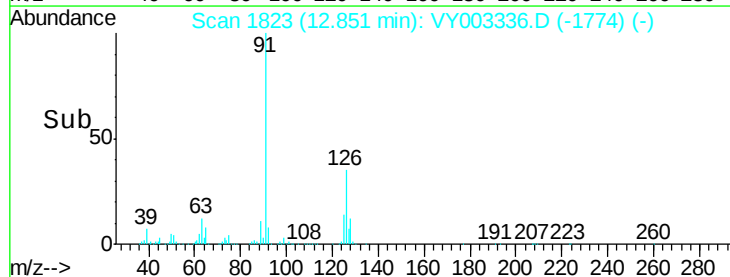
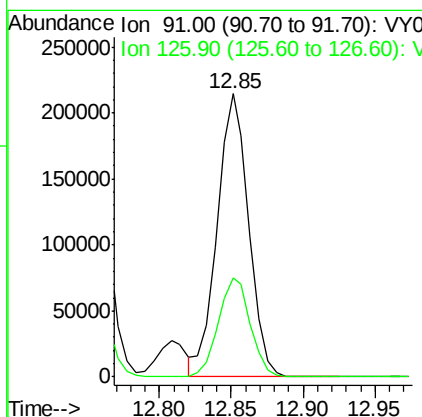
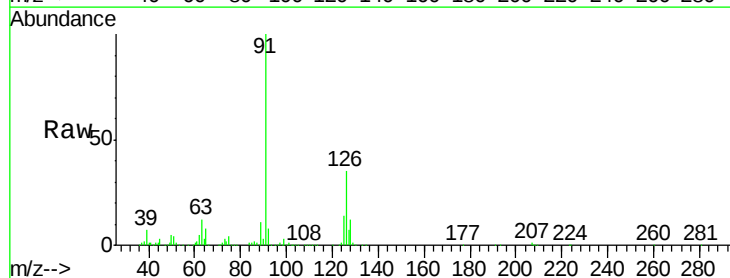
Manual Integrations  
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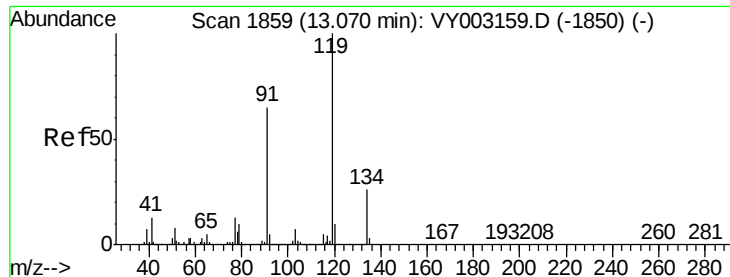
MMDadoda  
7/27/2020 12:03:25 PM



#82  
4-Chlorotoluene  
Concen: 20.681 ug/l  
RT: 12.85 min Scan# 1823  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.4  | 17.9  | 53.7  |





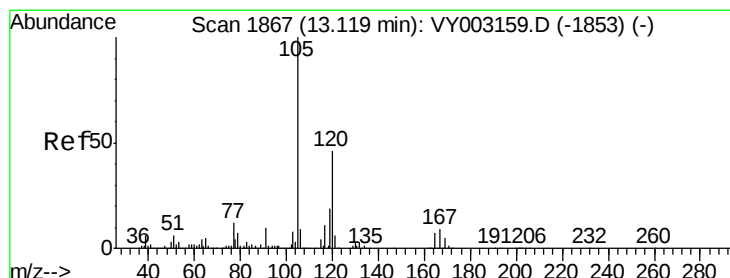
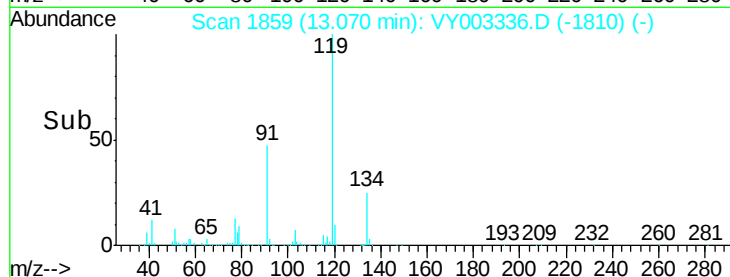
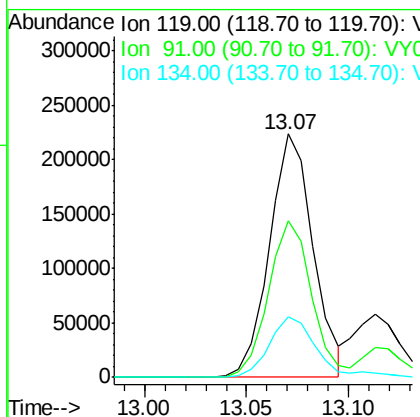
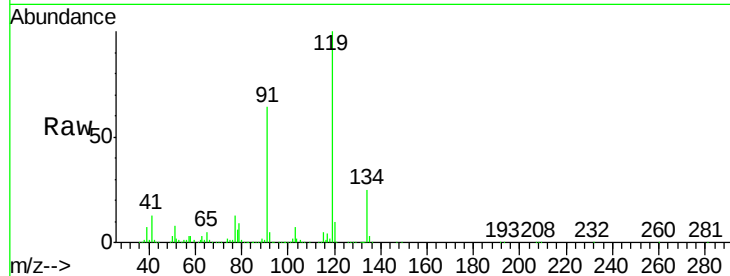
#83  
tert-Butylbenzene  
Concen: 19.657 ug/l  
RT: 13.07 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.8  | 30.8  | 92.4  |
| 134     | 27.1  | 13.2  | 39.6  |

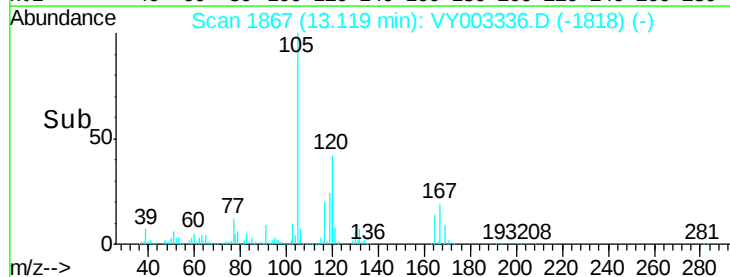
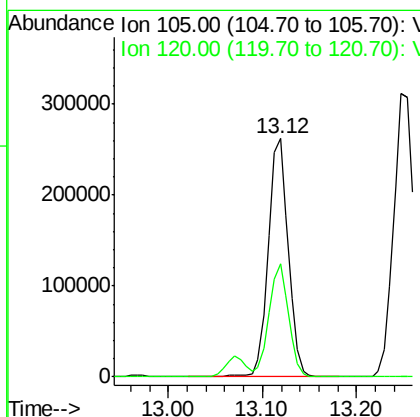
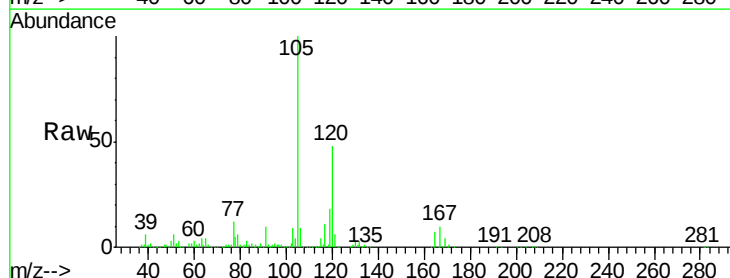
Manual Integrations  
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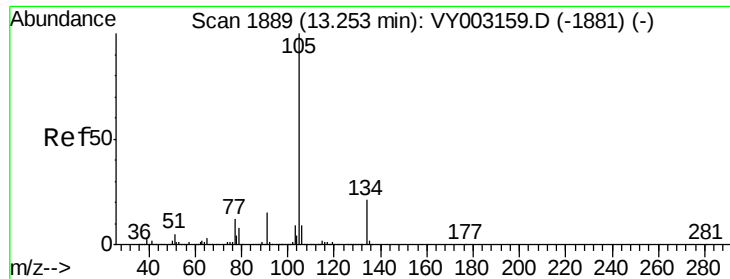
MMDadoda  
7/27/2020 12:03:25 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.190 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.5  | 22.5  | 67.5  |





#85

sec-Butylbenzene

Concen: 20.358 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

Instrument :

MSVOA\_Y

ClientSampleId :

VY0724SBS01

Tot Ion:105 Resp: 474956

Ion Ratio Lower Upper

105 100

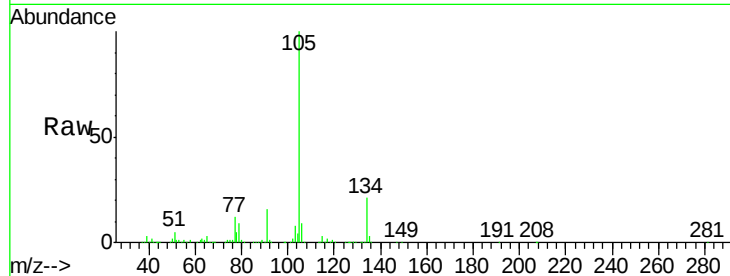
134 20.9 10.4 31.4

Manual Integrations

APPROVED

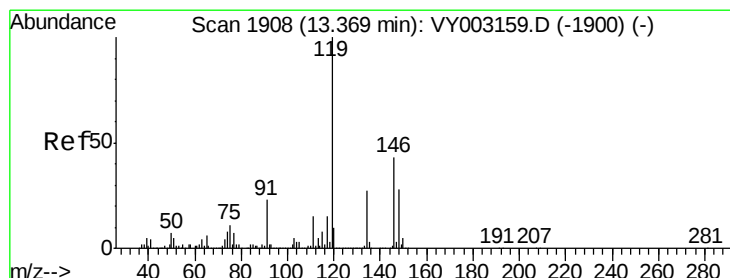
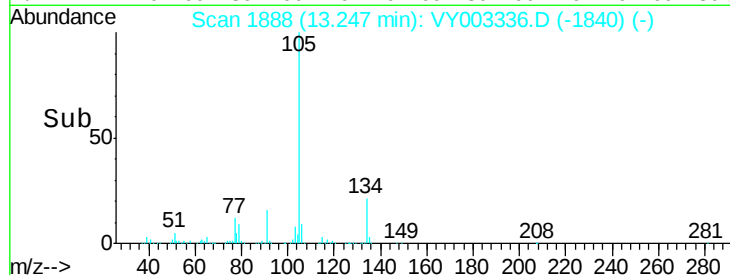
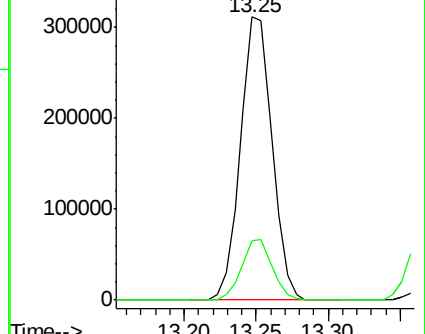
MMDadoda

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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: 20.214 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

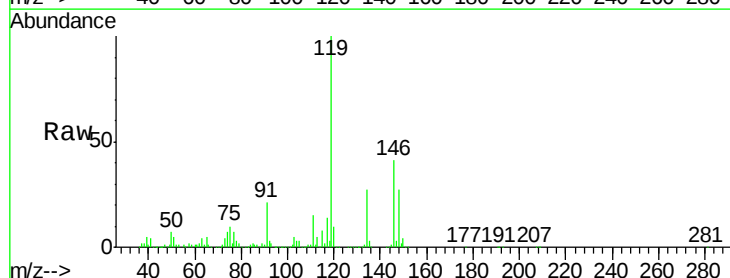
Tgt Ion:119 Resp: 440338

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

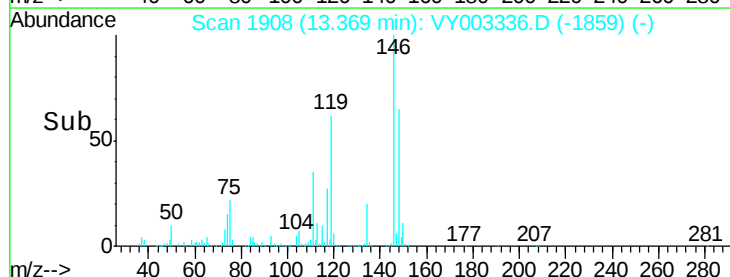
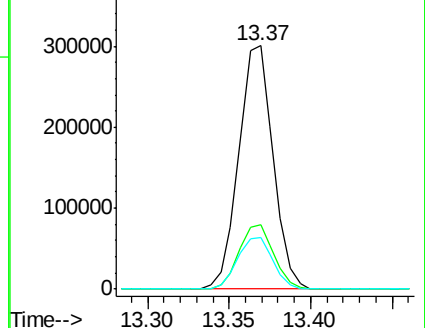
91 21.9 11.2 33.6



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: 20.282 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

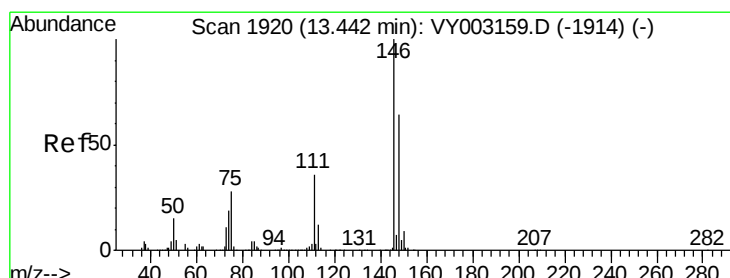
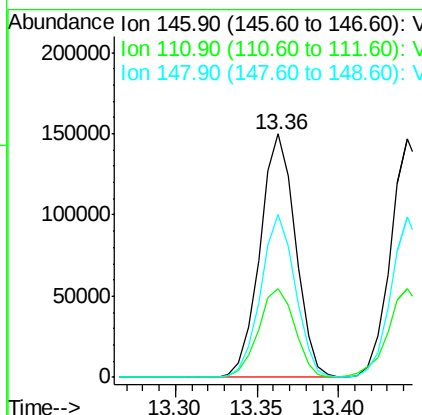
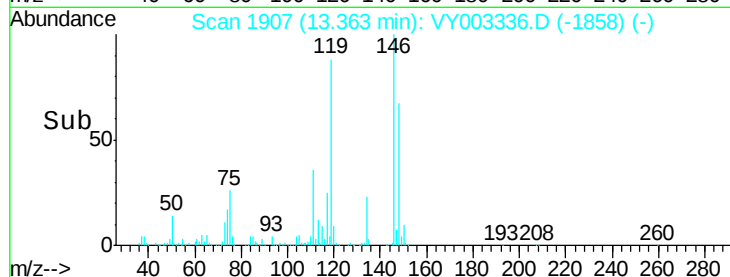
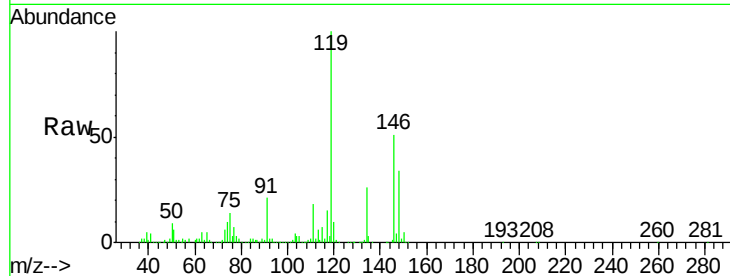
Instrument :  
MSVOA\_Y

ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 18.8  | 56.3  |
| 148     | 65.2  | 32.3  | 96.9  |

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#88

1,4-Dichlorobenzene

Concen: 20.210 ug/l

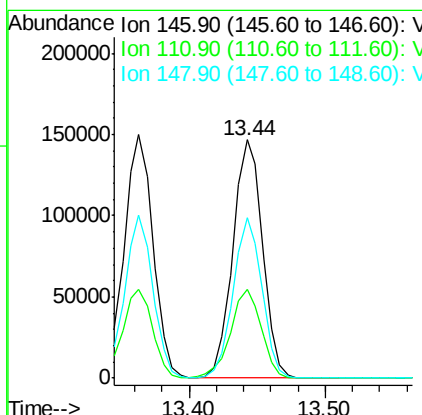
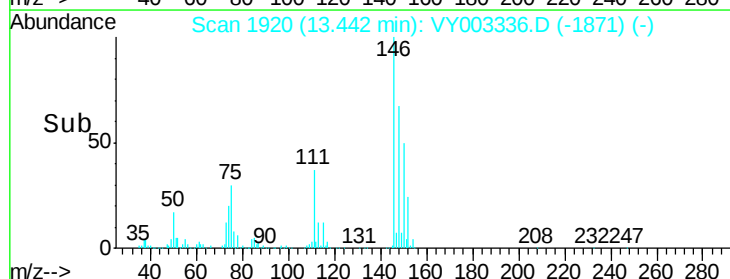
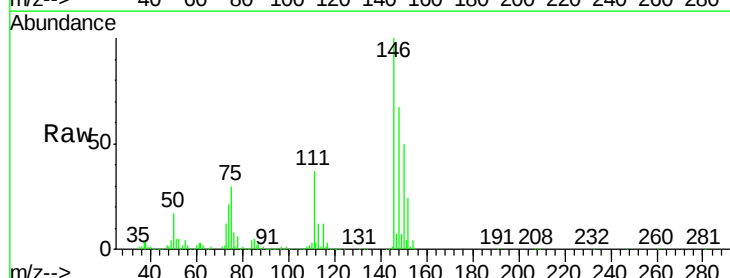
RT: 13.44 min Scan# 1920

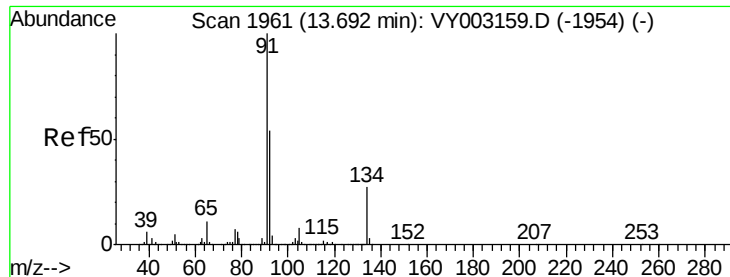
Delta R.T. -0.00 min

Lab File: VY003336.D

Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 18.4  | 55.0  |
| 148     | 65.3  | 32.0  | 96.0  |





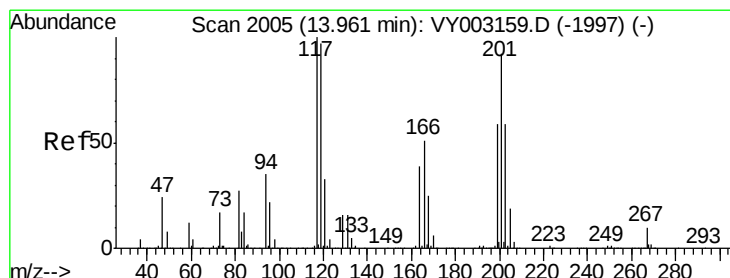
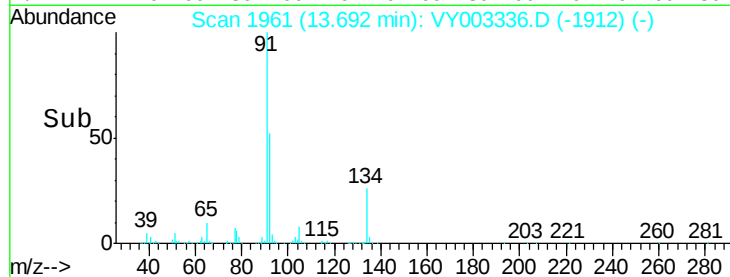
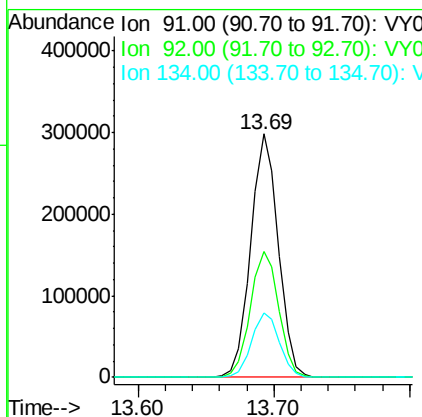
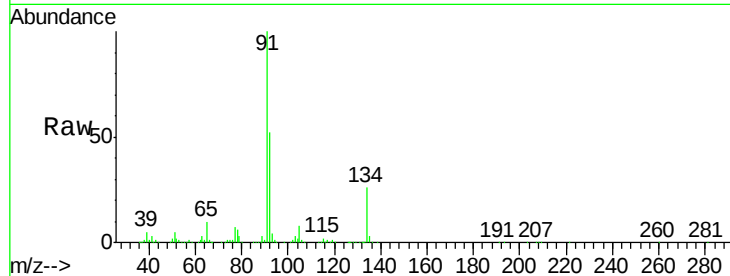
#89  
n-Butylbenzene  
Concen: 20.695 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 424040 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 53.3  | 26.9  | 80.7   |
| 134       | 26.8  | 13.6  | 40.7   |

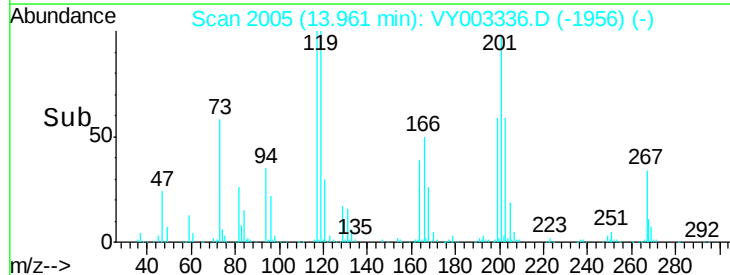
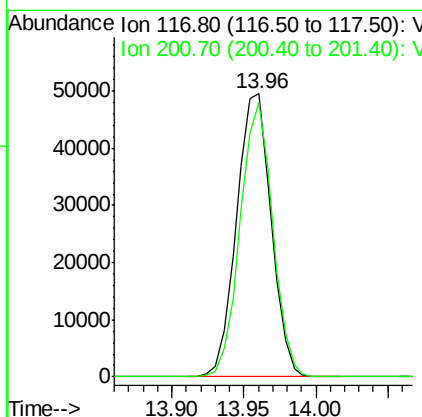
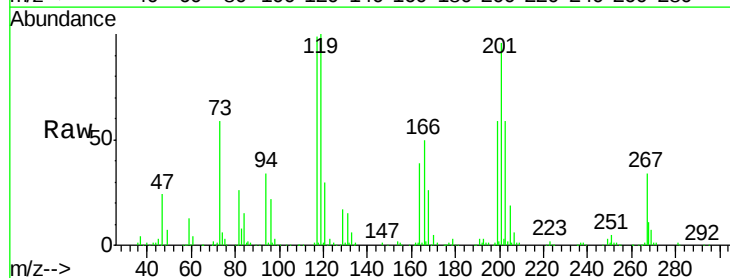
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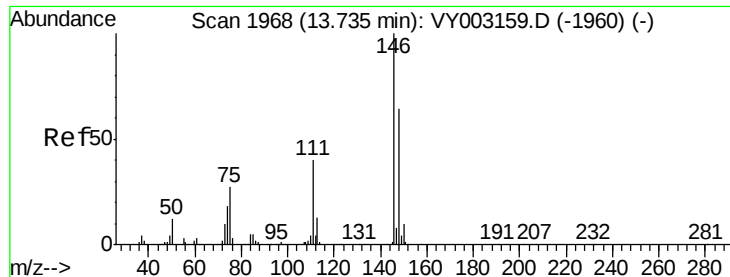
MMDadoda  
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#90  
Hexachloroethane  
Concen: 20.894 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 82888 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 90.6  | 45.1  | 135.3 |





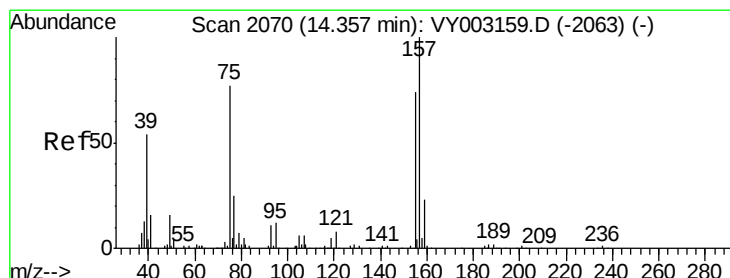
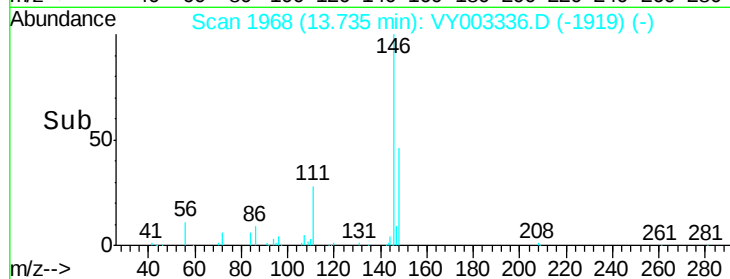
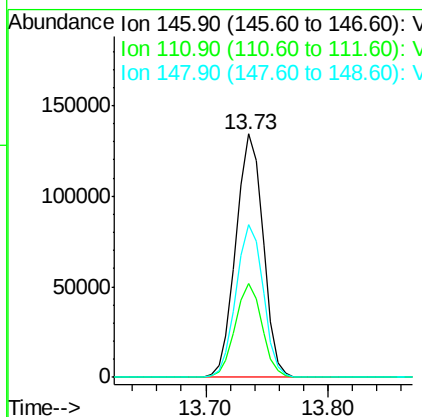
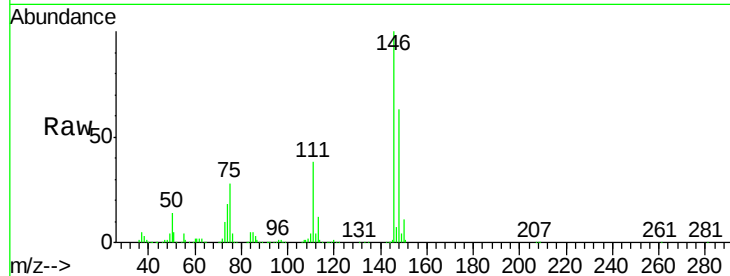
#91  
 1,2-Dichlorobenzene  
 Concen: 21.202 ug/l  
 RT: 13.73 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 207015 |       |       |
| 111     | 37.9  | 19.6   | 58.8  |       |
| 148     | 62.7  | 32.4   | 97.0  |       |

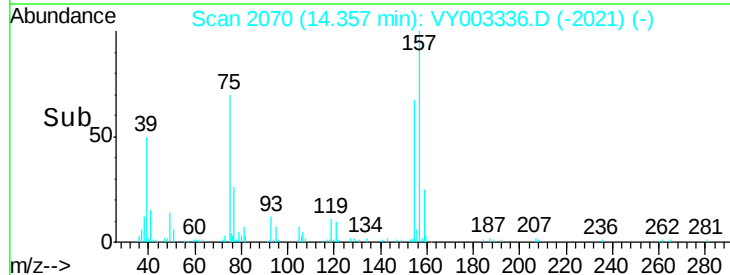
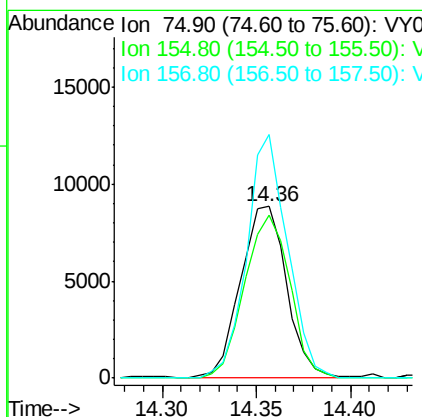
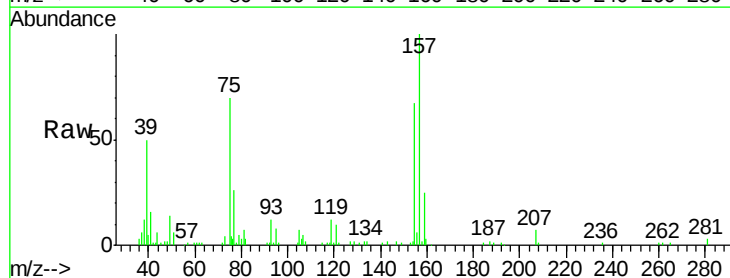
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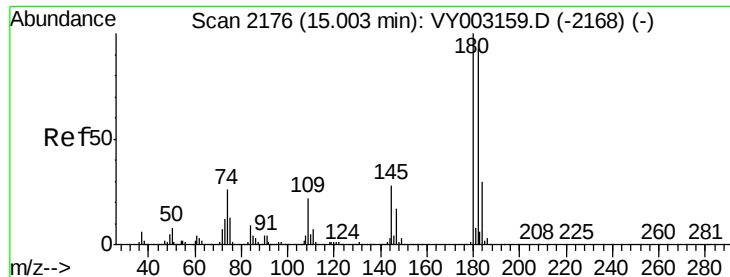
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.485 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 14805 |       |       |
| 155     | 94.6  | 48.1  | 144.3 |       |
| 157     | 127.2 | 61.9  | 185.6 |       |





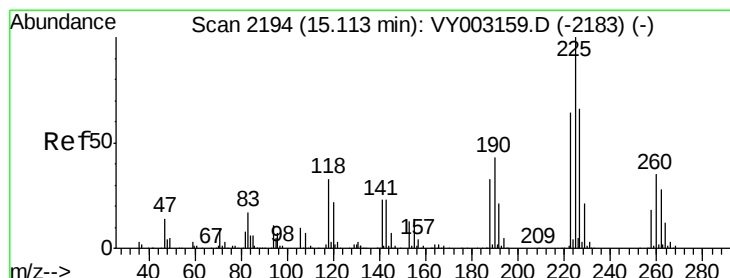
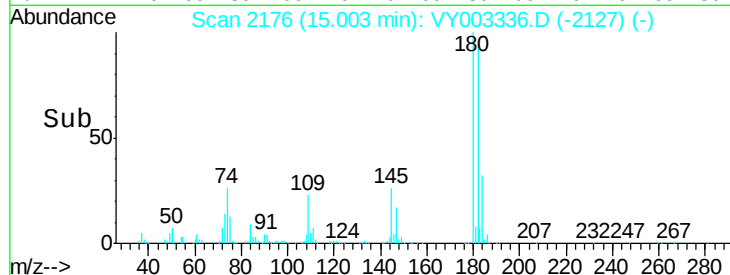
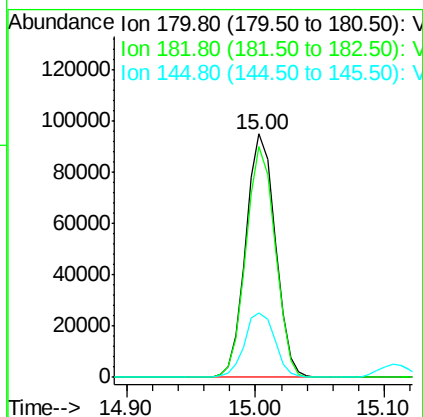
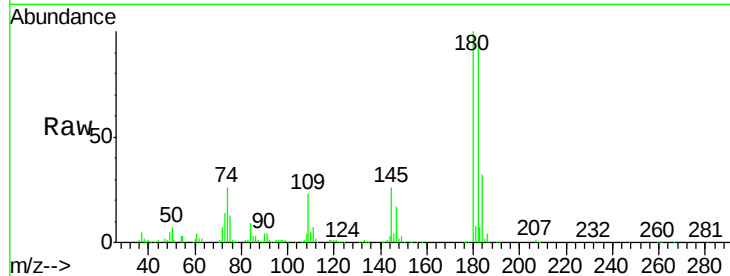
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.591 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. -0.00 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 149971 |       |       |
| 182     | 93.6  | 47.3   | 142.0 |       |
| 145     | 27.2  | 13.7   | 41.1  |       |

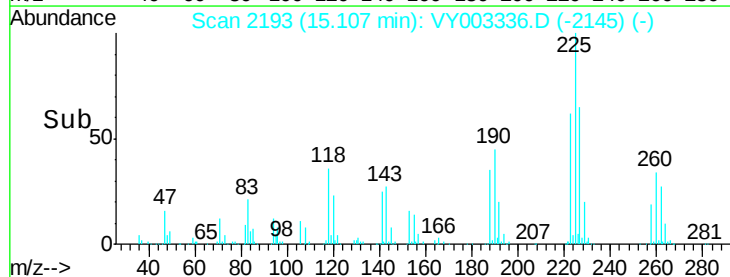
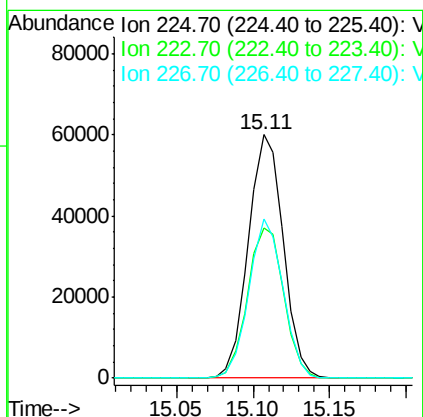
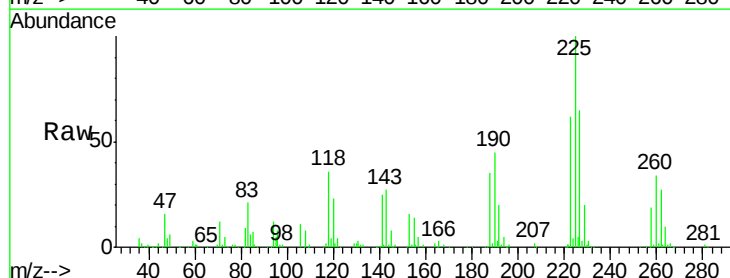
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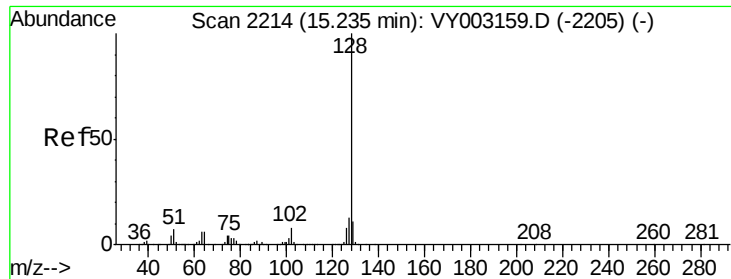
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 7/27/2020 12:03:25 PM



#94  
 Hexachlorobutadiene  
 Concen: 20.064 ug/l  
 RT: 15.11 min Scan# 2193  
 Delta R.T. -0.01 min  
 Lab File: VY003336.D  
 Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 95493 |       |       |
| 223     | 63.8  | 31.6  | 94.7  |       |
| 227     | 63.7  | 32.3  | 96.8  |       |





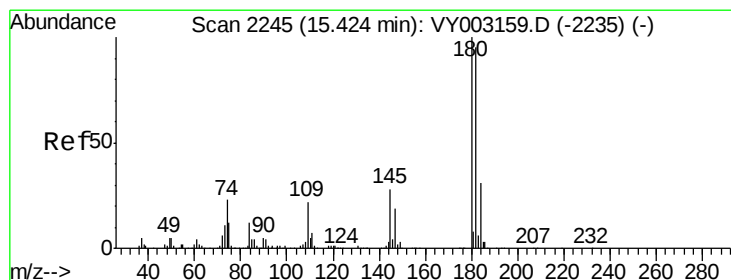
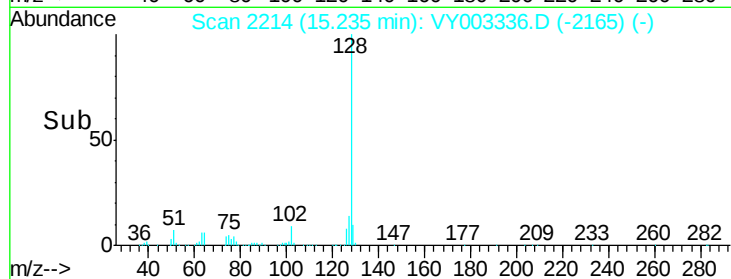
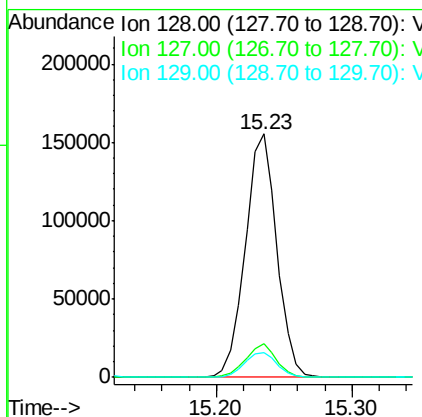
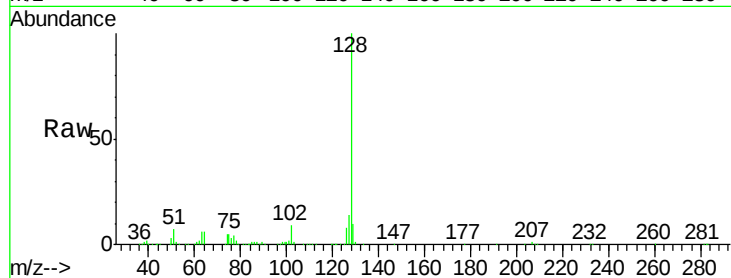
#95  
Naphthalene  
Concen: 21.854 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0724SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 250869 |       |       |
| 127     | 13.4  |        | 10.9  | 16.3  |
| 129     | 10.5  |        | 9.0   | 13.6  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 22.009 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. -0.00 min  
Lab File: VY003336.D  
Acq: 24 Jul 2020 16:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 120844 |       |       |
| 182     | 96.1  |        | 48.8  | 146.3 |
| 145     | 29.2  |        | 14.9  | 44.5  |

