

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\  
 Data File : VY001378.D  
 Acq On : 24 Jan 2020 13:43  
 Operator : SY/MD  
 Sample : VY0124SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/27/2020 12:01:43 PM

Quant Time: Jan 25 04:19:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.82  | 168  | 187928   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 322691   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 285441   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 137552   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.17   | 65  | 99207    | 48.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.02%  |      |
| 35) Dibromofluoromethane  | 7.75   | 113 | 91954    | 48.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.10%  |      |
| 50) Toluene-d8            | 10.19  | 98  | 373386   | 50.74 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.48% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 136908   | 46.72 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.44%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 33853  | 22.843  | ug/l   | 100    |
| 3) Chloromethane              | 2.13 | 50  | 47723  | 21.306  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.26 | 62  | 49788  | 21.318  | ug/l   | 97     |
| 5) Bromomethane               | 2.65 | 94  | 34011  | 21.623  | ug/l   | 98     |
| 6) Chloroethane               | 2.80 | 64  | 31487  | 21.098  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 3.15 | 101 | 66939  | 22.401  | ug/l   | 93     |
| 8) Diethyl Ether              | 3.55 | 74  | 25873  | 20.510  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.93 | 101 | 42609  | 22.390  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.12 | 142 | 47898  | 19.083  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.99 | 59  | 32291  | 115.145 | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 3.90 | 96  | 43077  | 21.589  | ug/l   | 95     |
| 13) Acrolein                  | 3.75 | 56  | 18181  | 112.783 | ug/l   | 96     |
| 14) Allyl chloride            | 4.51 | 41  | 75109  | 21.108  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.20 | 53  | 65978  | 102.179 | ug/l   | 99     |
| 16) Acetone                   | 3.97 | 43  | 60237  | 107.500 | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.22 | 76  | 134210 | 21.387  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.51 | 43  | 34615  | 20.073  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.25 | 73  | 119174 | 20.398  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.75 | 84  | 50397  | 17.175  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.25 | 96  | 48315  | 20.846  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.15 | 45  | 152122 | 20.133  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.10 | 43  | 501016 | 102.136 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.05 | 63  | 82473  | 20.708  | ug/l   | 98     |
| 25) 2-Butanone                | 7.02 | 43  | 93185  | 104.695 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.02 | 77  | 72560  | 20.453  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.02 | 96  | 52962  | 20.446  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.36 | 49  | 31233  | 19.016  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.38 | 42  | 59028  | 101.937 | ug/l   | 100    |
| 30) Chloroform                | 7.53 | 83  | 79389  | 20.337  | ug/l   | 97     |
| 31) Cyclohexane               | 7.81 | 56  | 83534  | 21.125  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.73 | 97  | 69552  | 21.101  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 66464  | 21.801  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.11 | 43  | 39375  | 21.140  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 7.92 | 117 | 60253  | 22.176  | ug/l   | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\  
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 Sample : VY0124SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/27/2020 12:01:43 PM

Quant Time: Jan 25 04:19:33 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.20  | 83   | 88902    | 22.764  | ug/l   | 97       |
| 40) Benzene                    | 8.18  | 78   | 196070   | 21.449  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.35  | 41   | 21307m   | 22.167  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.26  | 62   | 53208    | 20.832  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.30  | 43   | 77474    | 21.391  | ug/l   | 99       |
| 44) Trichloroethene            | 8.96  | 130  | 50093    | 21.355  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 49688    | 21.502  | ug/l   | 98       |
| 46) Dibromomethane             | 9.32  | 93   | 25143    | 20.267  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.51  | 83   | 63008    | 21.246  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.31  | 41   | 34524    | 20.968  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 7463     | 426.593 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 198022   | 106.167 | ug/l   | 99       |
| 52) Toluene                    | 10.25 | 92   | 122853   | 21.202  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 68992    | 20.989  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 78813    | 20.889  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 38102    | 20.809  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 56906    | 20.562  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 66473    | 20.840  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 104379   | 108.995 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.84 | 43   | 143512   | 110.522 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 41346    | 20.189  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 36351    | 21.000  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.73 | 164  | 39190    | 21.494  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.52 | 112  | 125894   | 20.924  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 42960    | 20.923  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.60 | 91   | 236627   | 21.341  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.70 | 106  | 177247   | 42.800  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 84613    | 21.239  | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 145957   | 20.881  | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 24421    | 19.924  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.33 | 105  | 226942   | 20.909  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.15 | 43   | 73287    | 20.628  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 47473    | 20.423  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 32454m   | 19.580  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 48635    | 20.230  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 277269   | 21.223  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 154561   | 20.709  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 191631   | 21.151  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 17050    | 19.466  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 165800   | 20.797  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 158143   | 20.707  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 189731   | 20.859  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.26 | 105  | 234478   | 21.610  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 207961   | 21.749  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 96899    | 20.929  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 99706    | 21.209  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 209893   | 21.811  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.97 | 117  | 37763    | 20.835  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 89267    | 20.906  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 8376     | 20.882  | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\  
Data File : VY001378.D  
Acq On : 24 Jan 2020 13:43  
Operator : SY/MD  
Sample : VY0124SBSD01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBSD01

Manual Integrations  
APPROVED

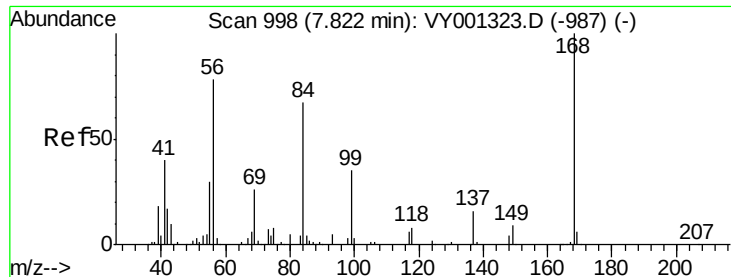
MMDadoda  
1/27/2020 12:01:43 PM

Quant Time: Jan 25 04:19:33 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 23 01:21:47 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 59671    | 20.822 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 30227    | 21.662 | ug/l  | 98       |
| 95) Naphthalene            | 15.23 | 128  | 137048   | 20.914 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 53222    | 21.171 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion:168 Resp: 187928

Ion Ratio Lower Upper

168 100

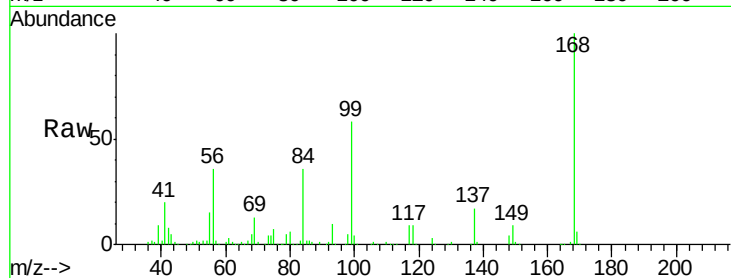
99 58.1 44.3 66.5

Manual Integrations

APPROVED

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1/27/2020 12:01:43 PM

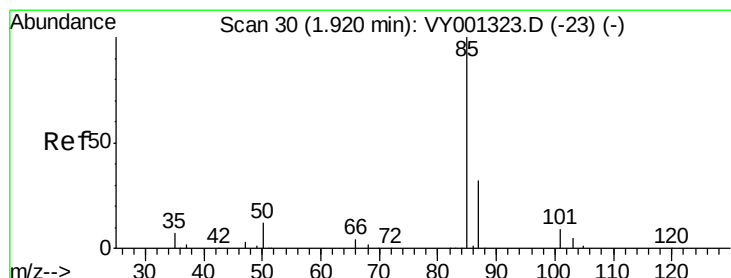
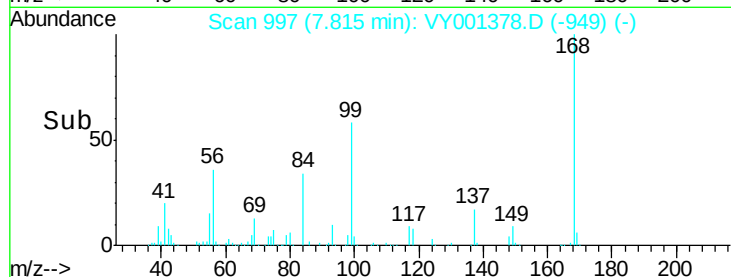


Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

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

7.82

Time-->



#2

Dichlorodifluoromethane

Concen: 22.843 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001378.D

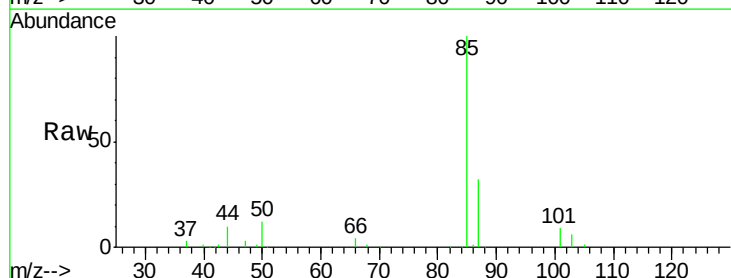
Acq: 24 Jan 2020 13:43

Tgt Ion: 85 Resp: 33853

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0

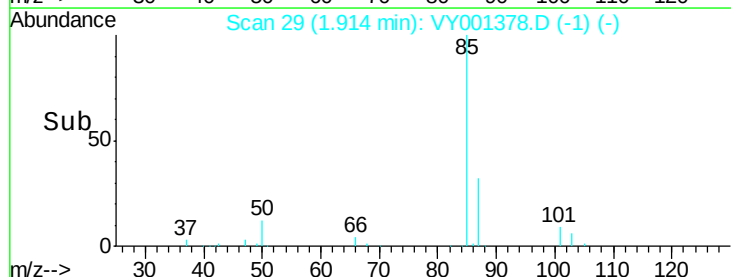


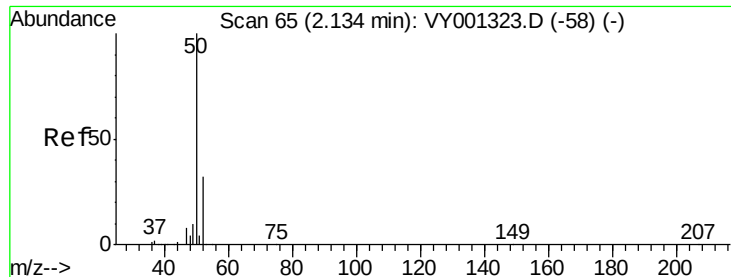
Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

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

1.91

Time-->





#3

Chloromethane

Concen: 21.306 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 50 Resp: 47723

Ion Ratio Lower Upper

50 100

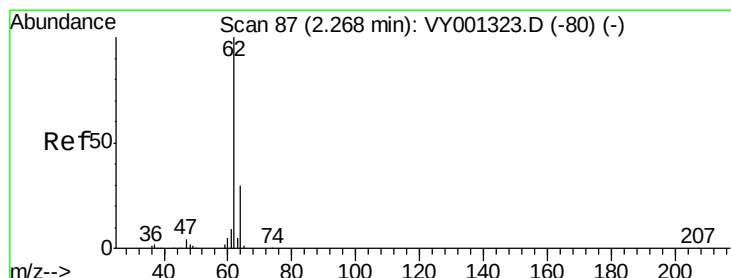
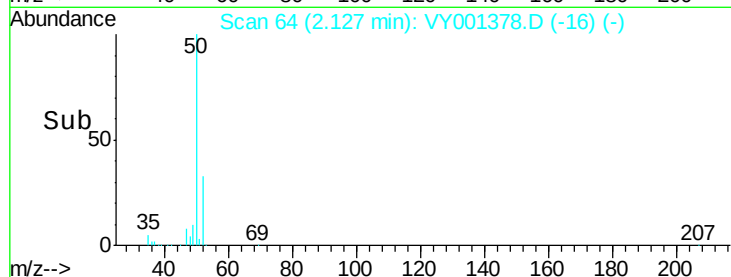
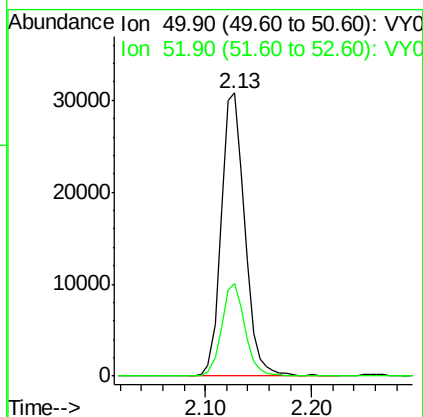
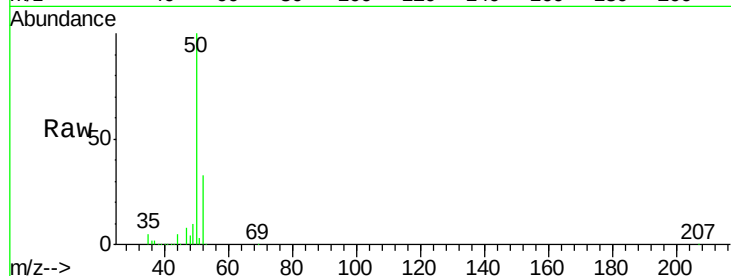
52 32.7 25.7 38.5

Manual Integrations

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1/27/2020 12:01:43 PM



#4

Vinyl Chloride

Concen: 21.318 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001378.D

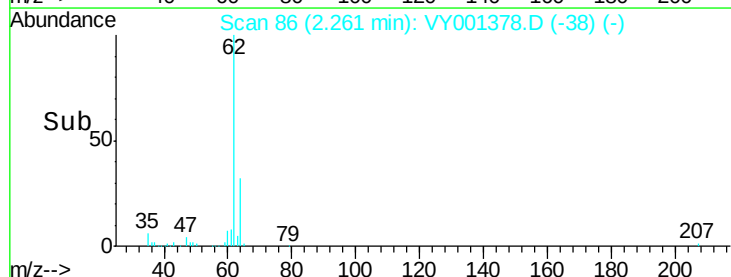
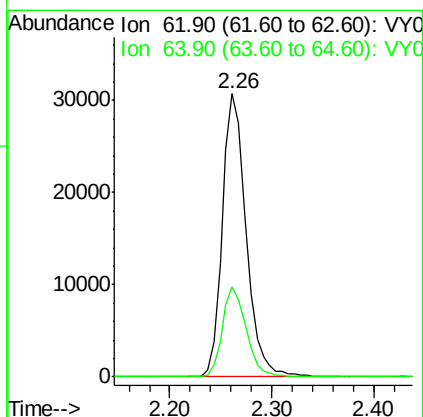
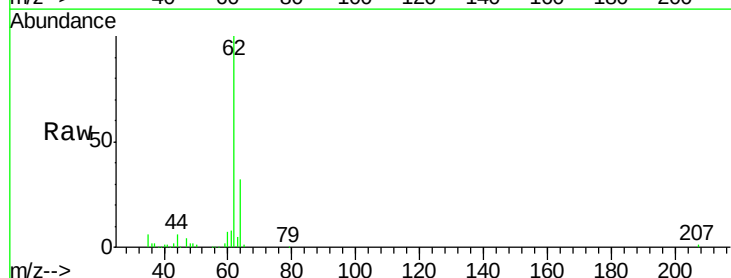
Acq: 24 Jan 2020 13:43

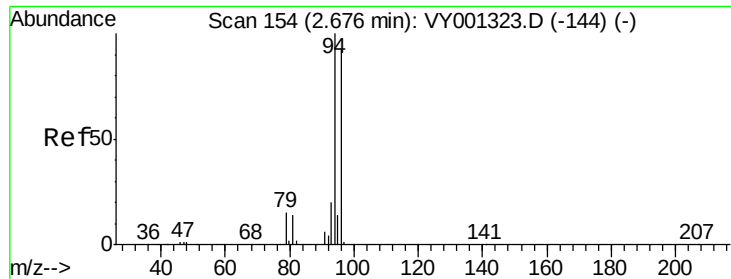
Tgt Ion: 62 Resp: 49788

Ion Ratio Lower Upper

62 100

64 31.7 23.9 35.9





#5

Bromomethane

Concen: 21.623 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 94 Resp: 34011

Ion Ratio Lower Upper

94 100

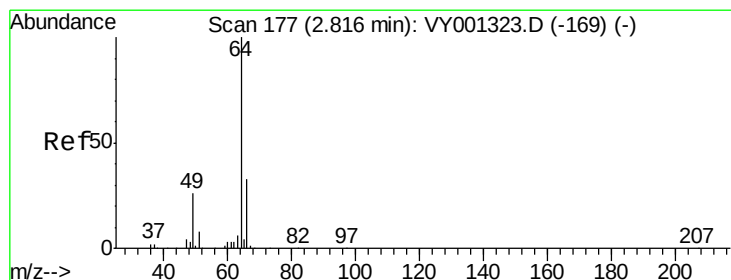
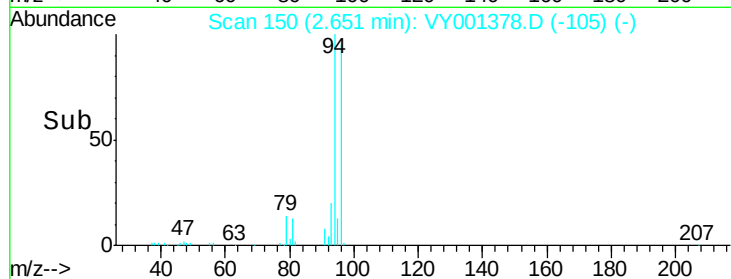
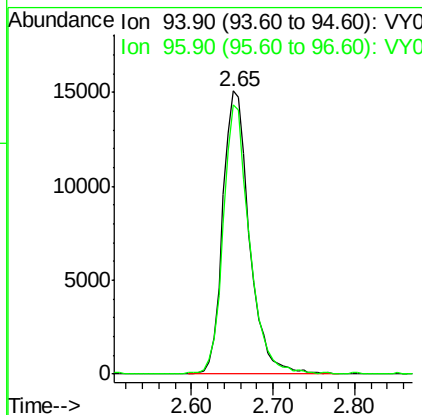
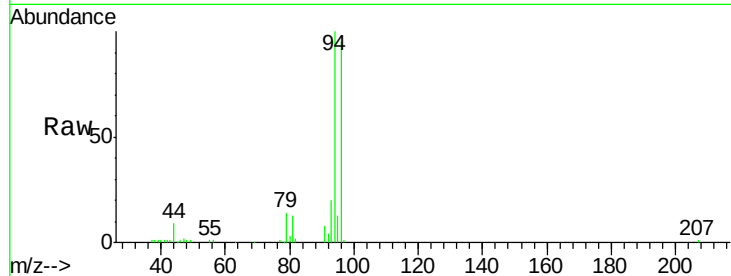
96 95.2 74.6 111.8

Manual Integrations

APPROVED

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1/27/2020 12:01:43 PM



#6

Chloroethane

Concen: 21.098 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001378.D

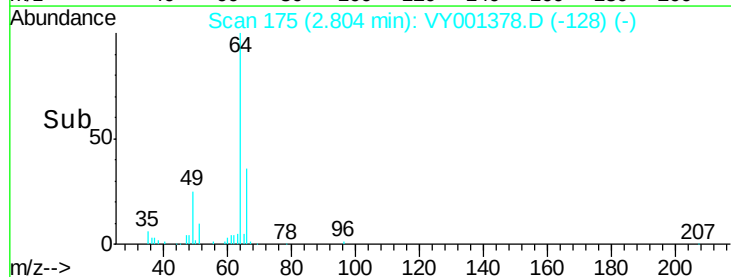
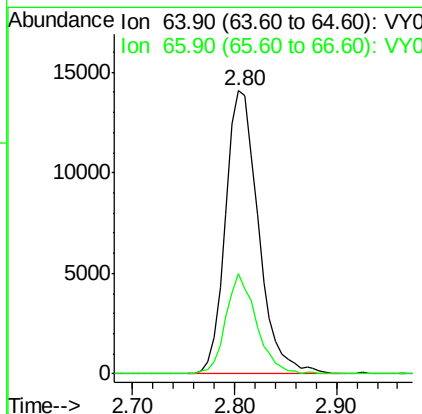
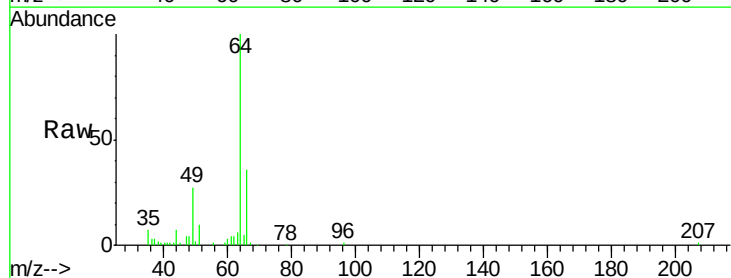
Acq: 24 Jan 2020 13:43

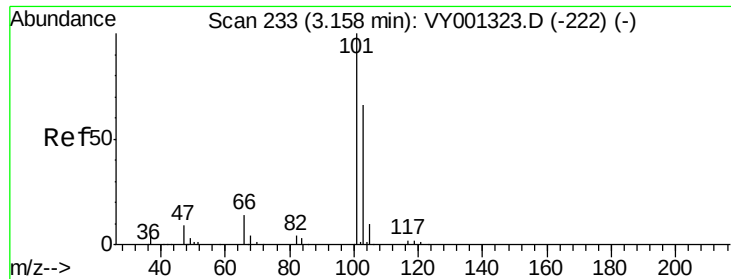
Tgt Ion: 64 Resp: 31487

Ion Ratio Lower Upper

64 100

66 35.7 26.8 40.2





#7

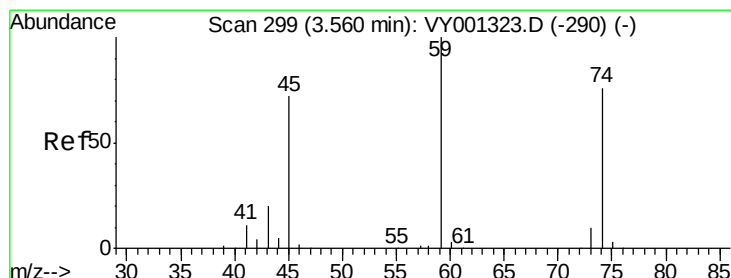
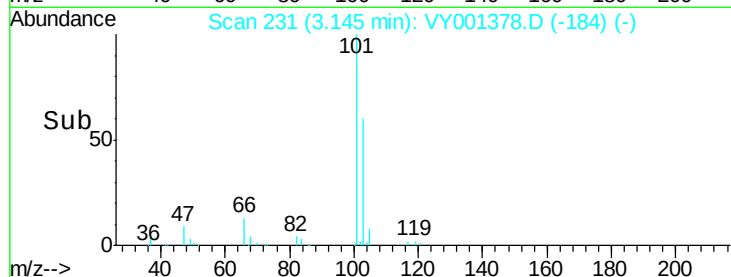
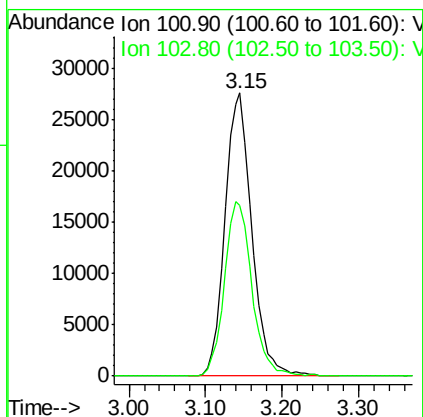
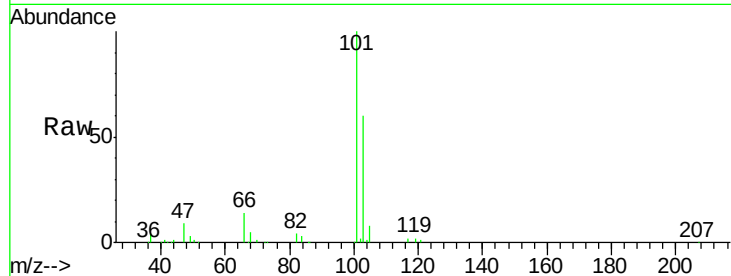
Trichlorofluoromethane  
Concen: 22.401 ug/l  
RT: 3.15 min Scan# 231  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 60.4  | 52.5  | 78.7  |

Manual Integrations  
APPROVED

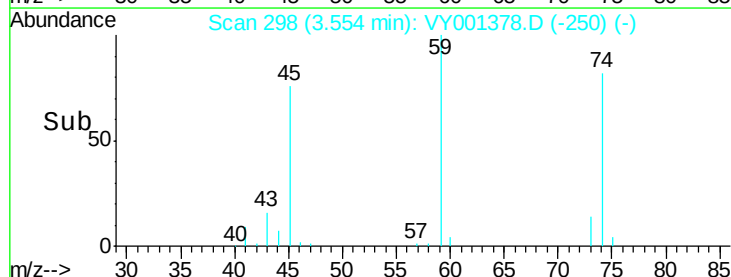
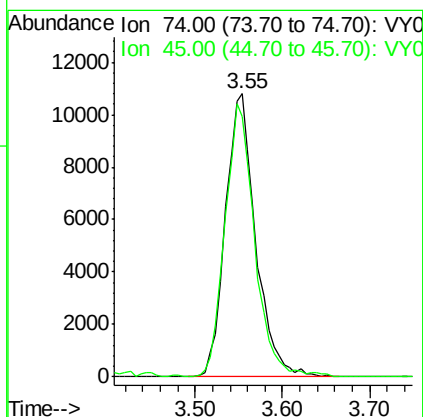
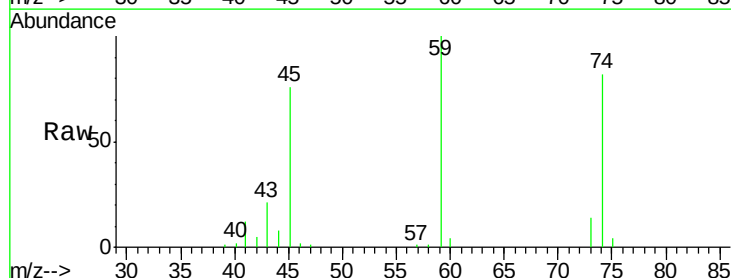
MMDadoda  
1/27/2020 12:01:43 PM



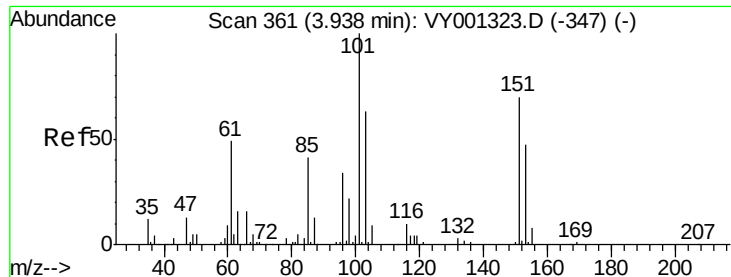
#8

Diethyl Ether  
Concen: 20.510 ug/l  
RT: 3.55 min Scan# 298  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 95.4  | 47.2  | 141.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.390 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

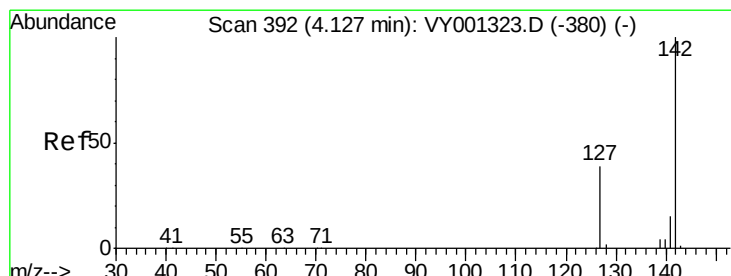
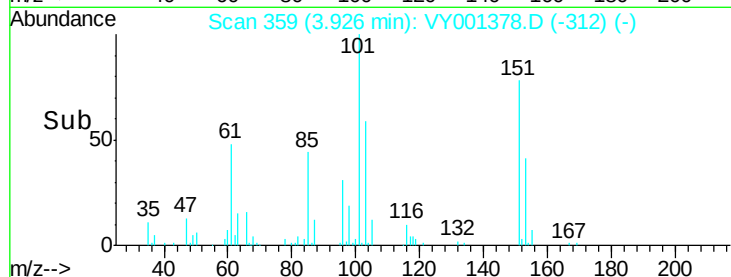
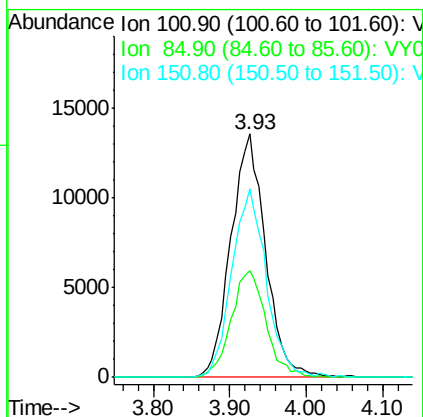
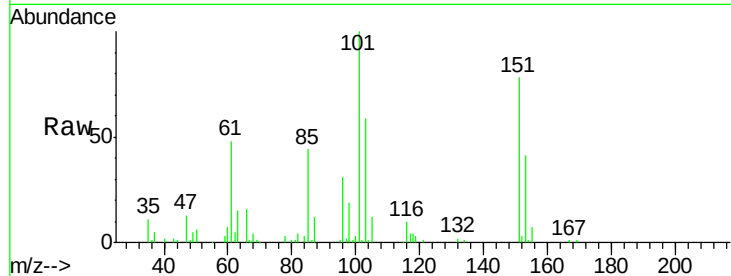
ClientSampleId :

VY0124SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 42609 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.8  | 34.9  | 52.3  |
| 151       | 76.8  | 59.9  | 89.9  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 19.083 ug/l

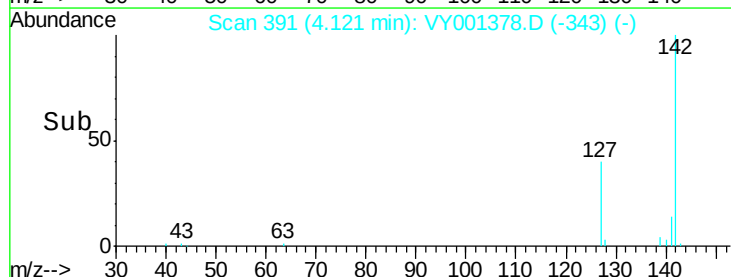
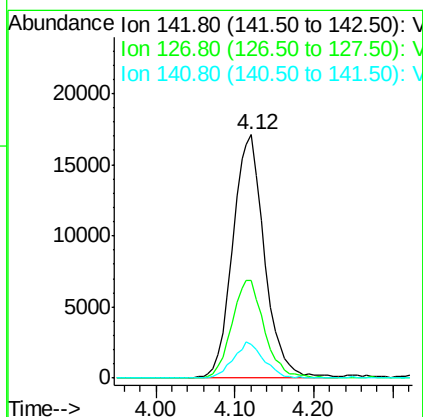
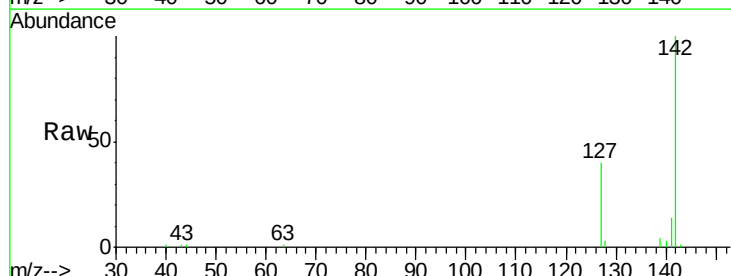
RT: 4.12 min Scan# 391

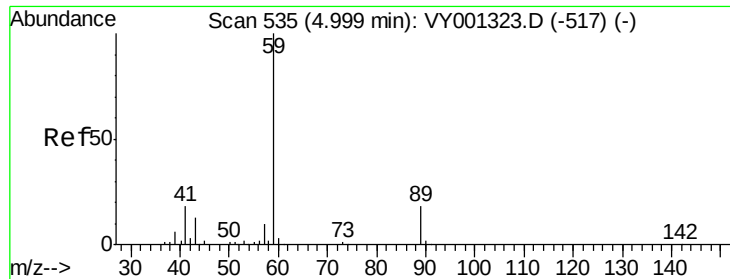
Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 47898 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.2  | 31.6  | 47.4  |
| 141       | 14.2  | 11.2  | 16.8  |





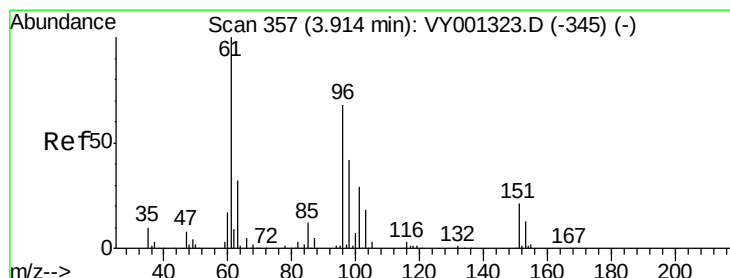
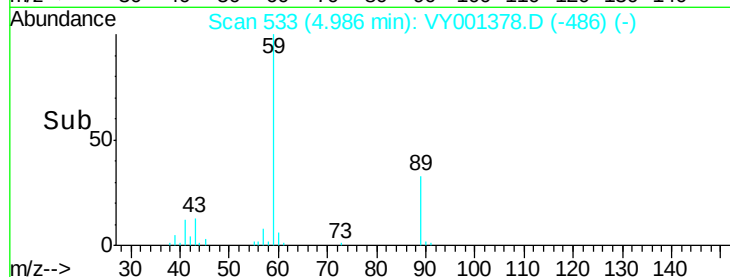
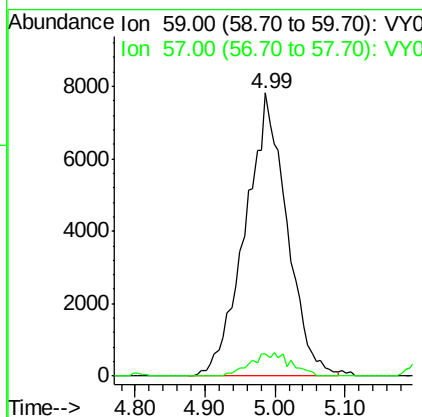
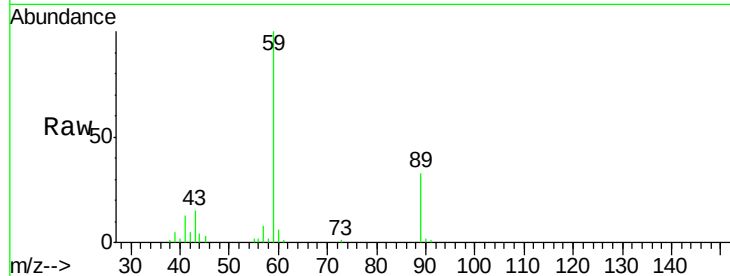
#11  
Tert butyl alcohol  
Concen: 115.145 ug/l  
RT: 4.99 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

Tot Ion: 59 Resp: 32291  
Ion Ratio Lower Upper  
59 100  
57 4.2 7.4 11.2#

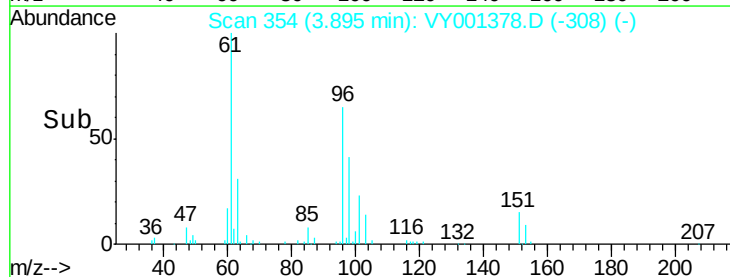
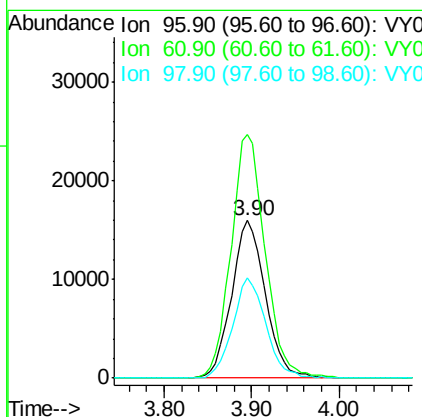
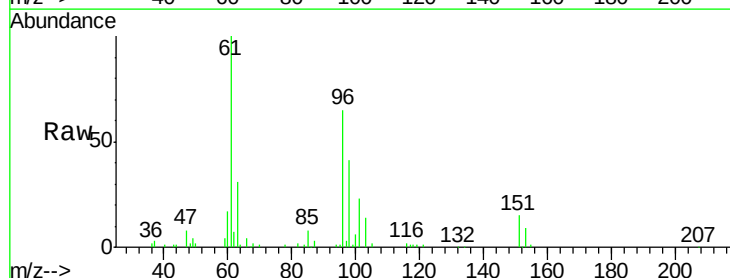
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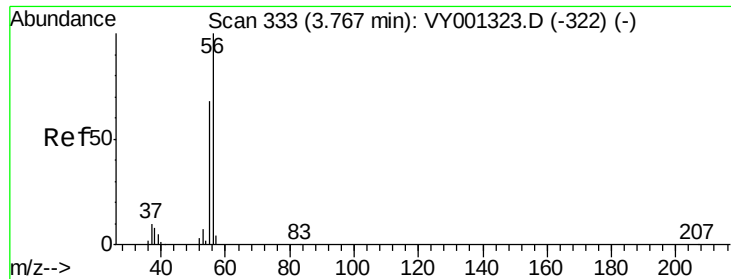
MMDadoda  
1/27/2020 12:01:43 PM



#12  
1,1-Dichloroethene  
Concen: 21.589 ug/l  
RT: 3.90 min Scan# 354  
Delta R.T. -0.02 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Tgt Ion: 96 Resp: 43077  
Ion Ratio Lower Upper  
96 100  
61 154.6 118.0 177.0  
98 63.9 49.4 74.2





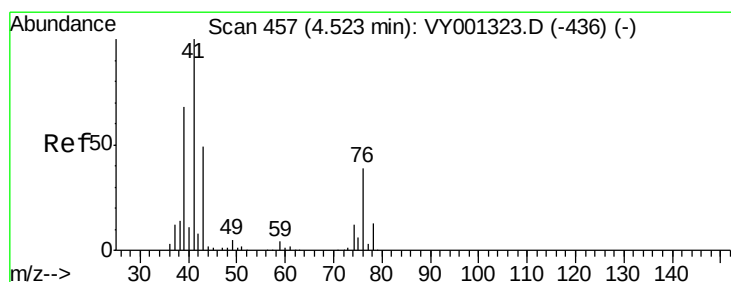
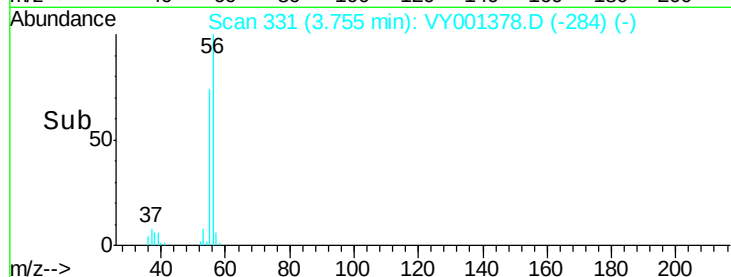
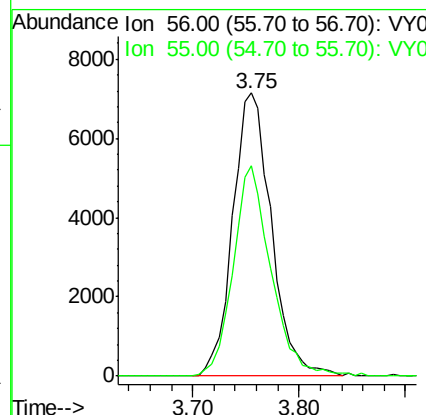
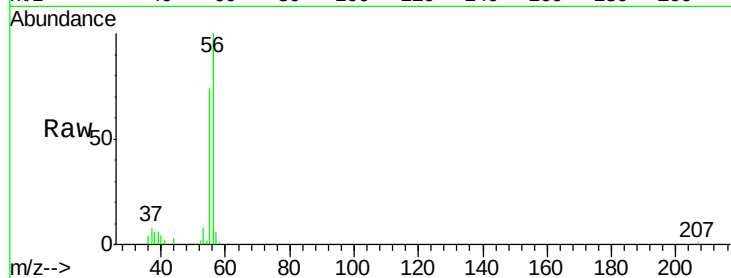
#13  
Acrolein  
Concen: 112.783 ug/l  
RT: 3.75 min Scan# 331  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 55      | 72.8 | 55.9  | 83.9  |       |

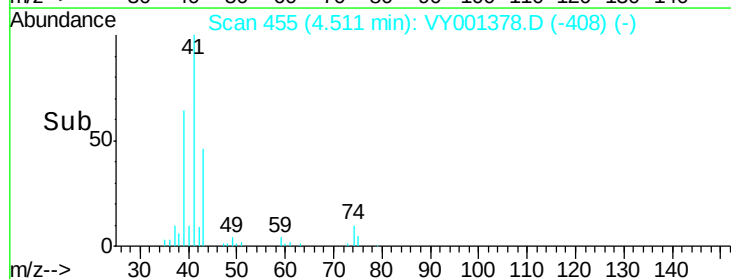
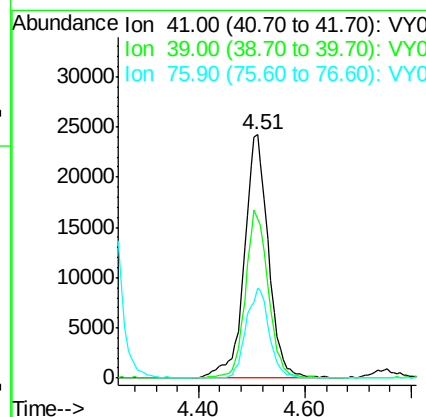
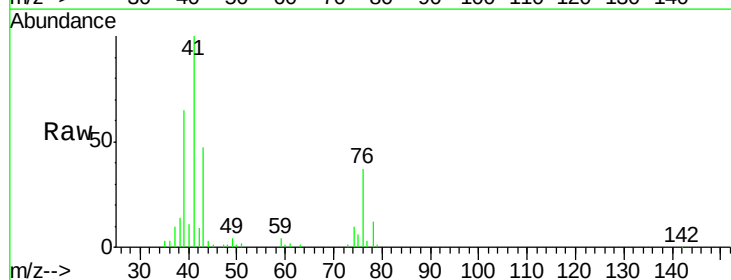
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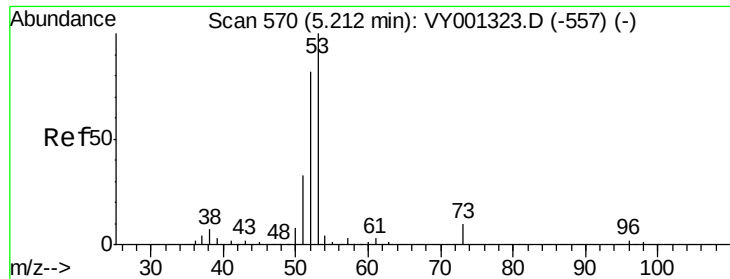
MMDadoda  
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#14  
Allyl chloride  
Concen: 21.108 ug/l  
RT: 4.51 min Scan# 455  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 65.7 | 52.2  | 78.4  |       |
| 76      | 35.5 | 29.1  | 43.7  |       |





#15

Acrylonitrile

Concen: 102.179 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

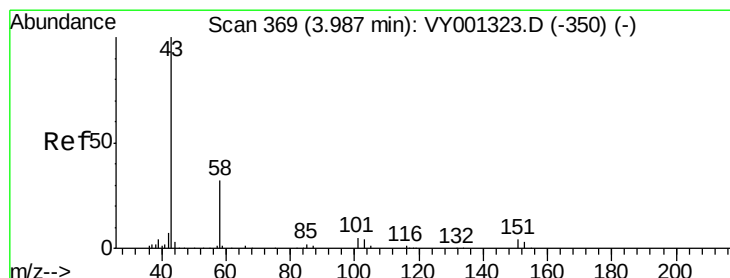
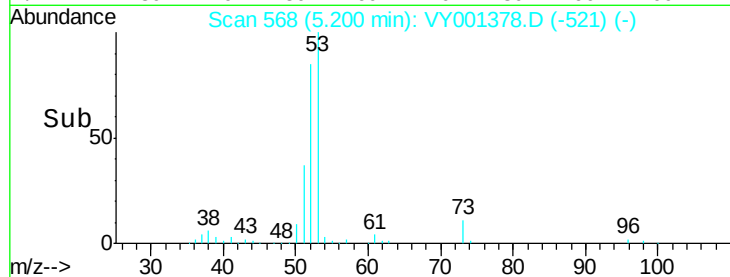
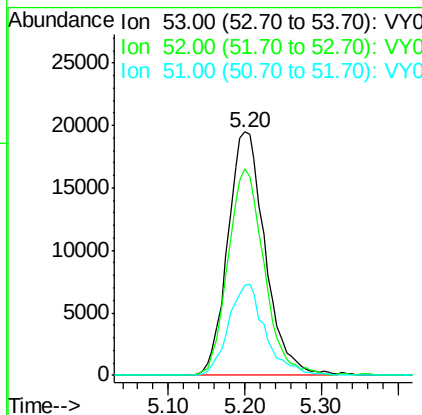
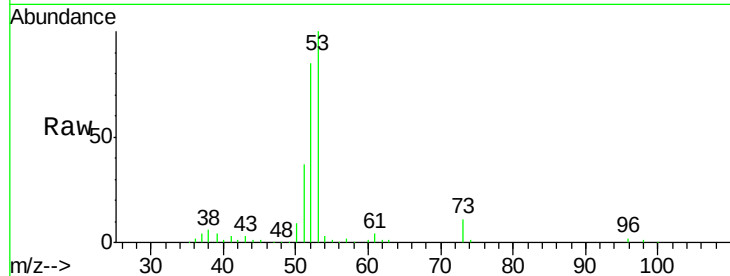
ClientSampleId :

VY0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 65978 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.7  | 65.3  | 97.9  |
| 51       | 36.7  | 28.4  | 42.6  |

Manual Integrations  
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#16

Acetone

Concen: 107.500 ug/l

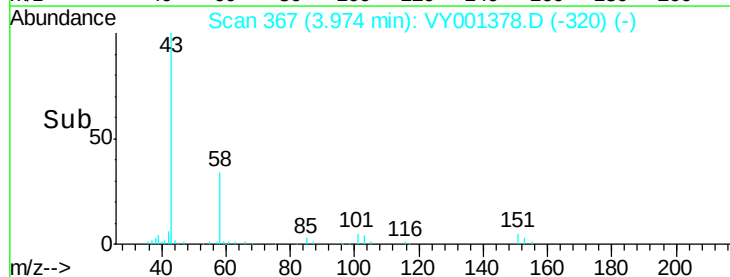
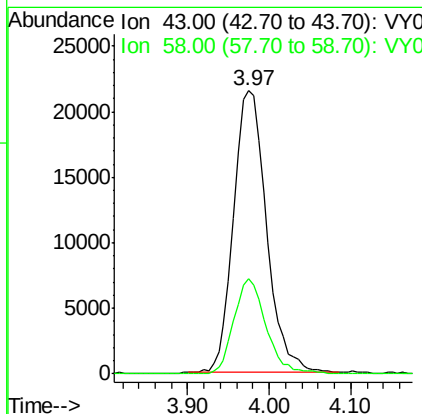
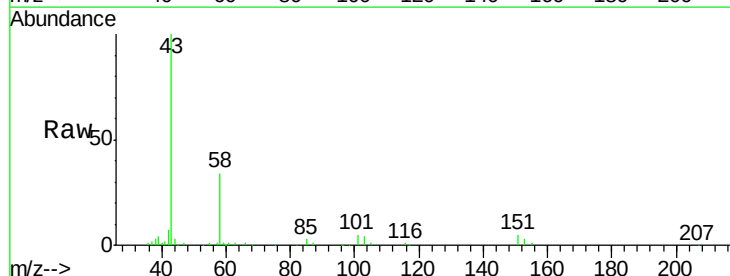
RT: 3.97 min Scan# 367

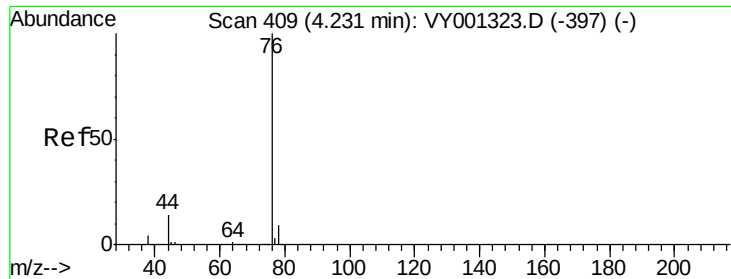
Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 60237 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.7  | 25.4  | 38.0  |





#17

Carbon Disulfide

Concen: 21.387 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 76 Resp: 134210

Ion Ratio Lower Upper

76 100

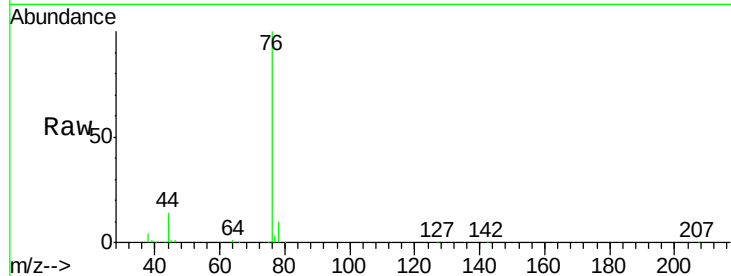
78 10.0 7.0 10.6

Manual Integrations

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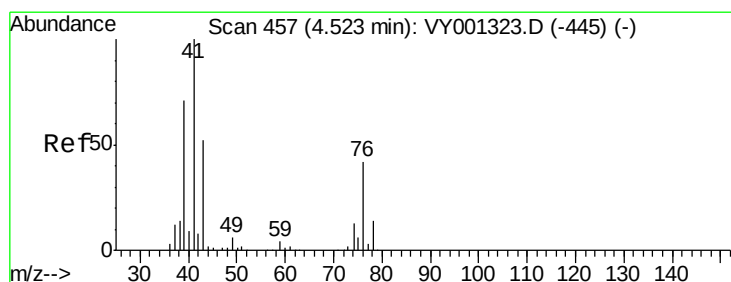
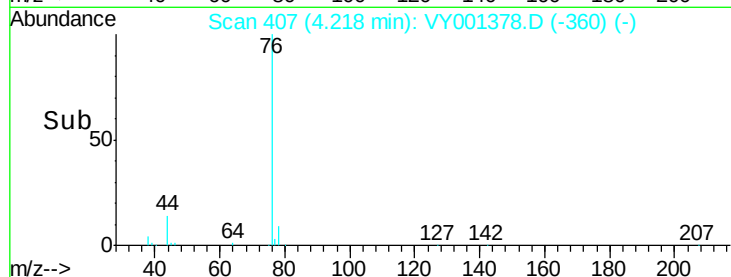
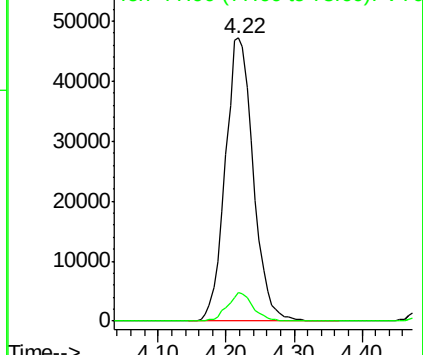
MMDadoda

1/27/2020 12:01:43 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.073 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY001378.D

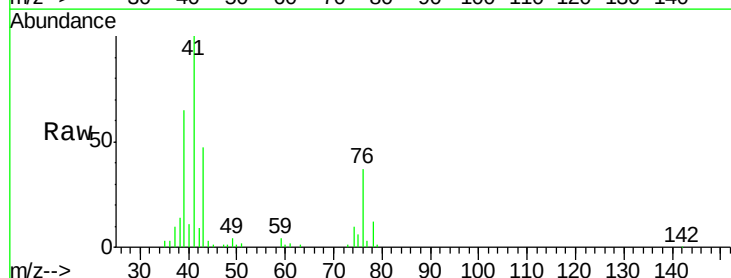
Acq: 24 Jan 2020 13:43

Tgt Ion: 43 Resp: 34615

Ion Ratio Lower Upper

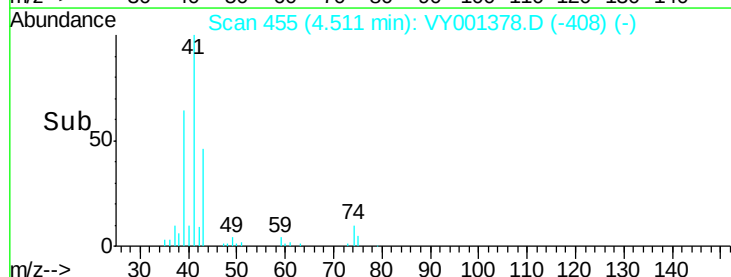
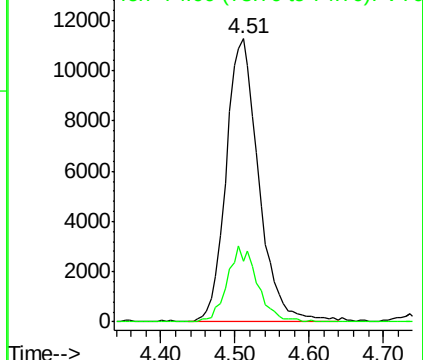
43 100

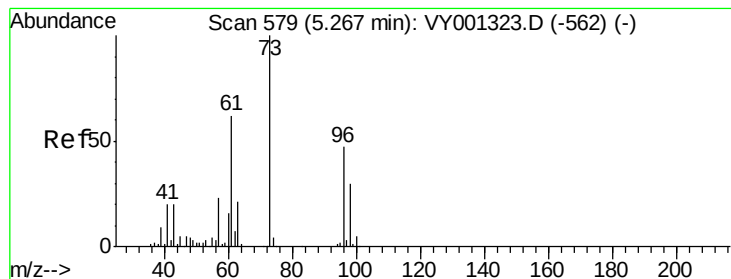
74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

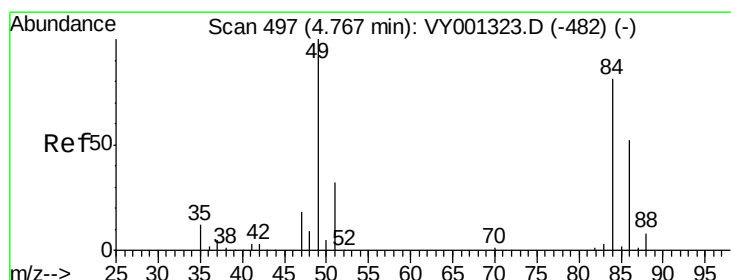
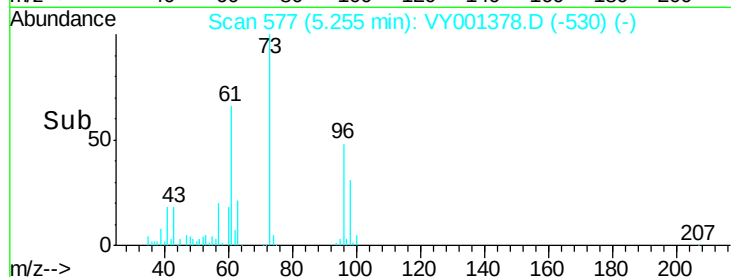
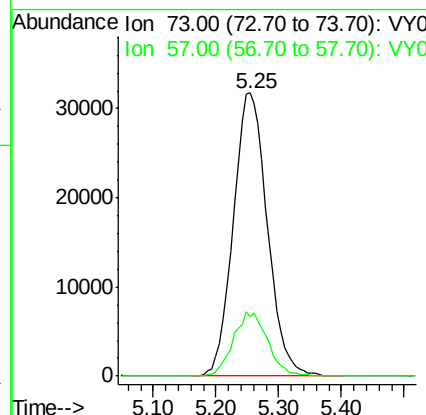
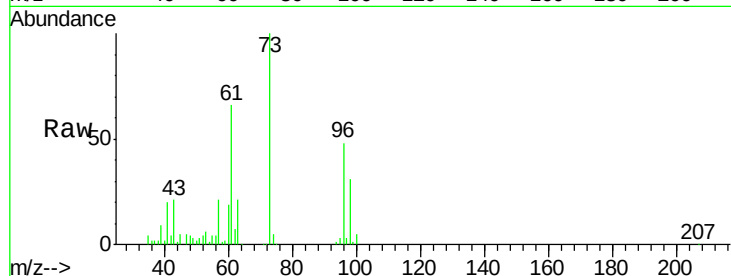
Methyl tert-butyl Ether  
 Concen: 20.398 ug/l  
 RT: 5.25 min Scan# 577  
 Delta R.T. -0.01 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

Tot Ion: 73 Resp: 119174  
 Ion Ratio Lower Upper  
 73 100  
 57 21.0 18.2 27.2

Manual Integrations  
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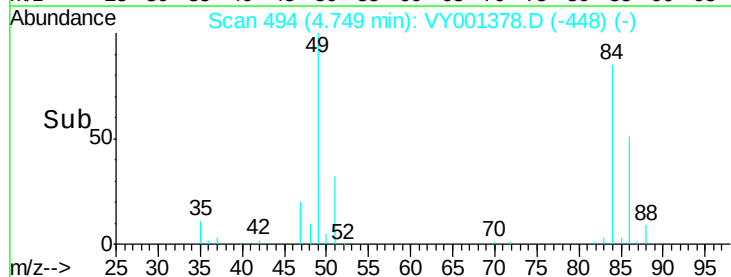
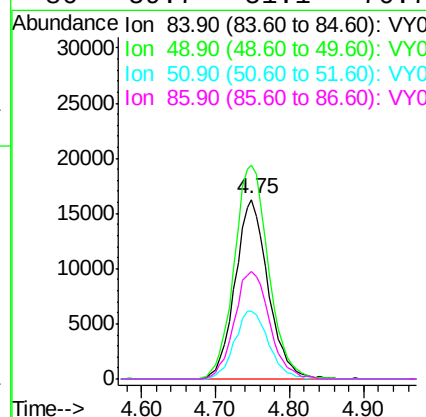
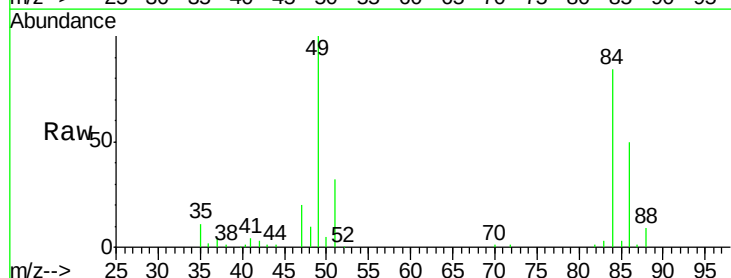
MMDadoda  
 1/27/2020 12:01:43 PM

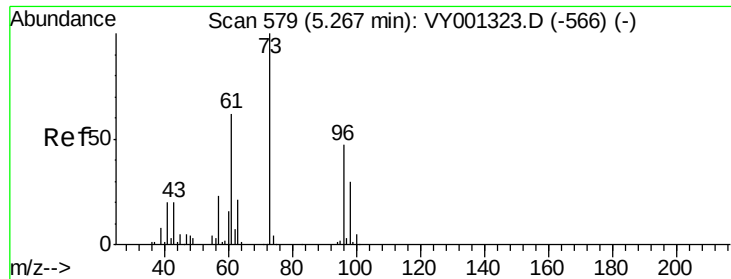


#20

Methylene Chloride  
 Concen: 17.175 ug/l  
 RT: 4.75 min Scan# 494  
 Delta R.T. -0.02 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Tgt Ion: 84 Resp: 50397  
 Ion Ratio Lower Upper  
 84 100  
 49 118.9 98.3 147.5  
 51 37.8 31.6 47.4  
 86 59.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 20.846 ug/l

RT: 5.25 min Scan# 577

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

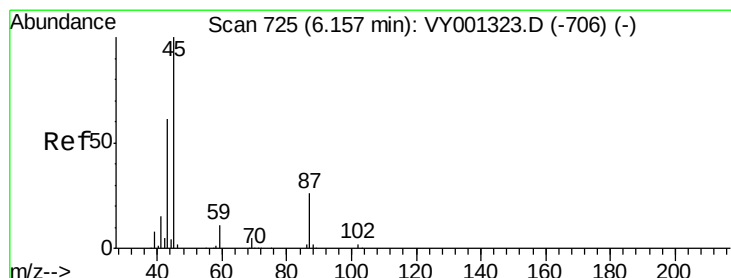
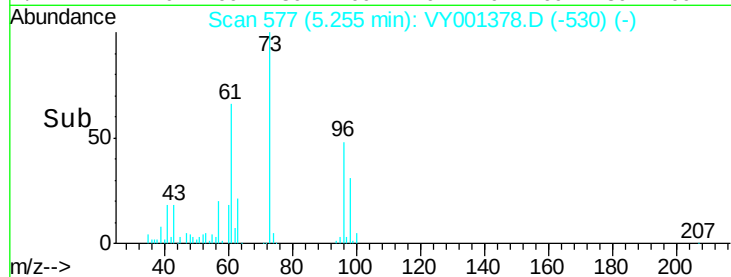
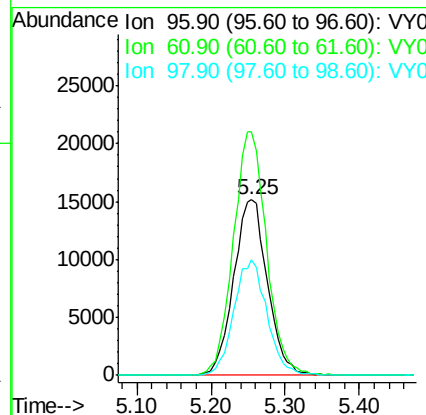
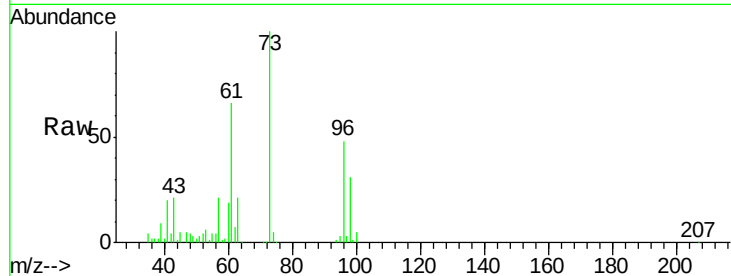
ClientSampleId :

VY0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 48315 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 139.0 | 106.8 | 160.2 |
| 98       | 65.8  | 51.0  | 76.6  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 20.133 ug/l

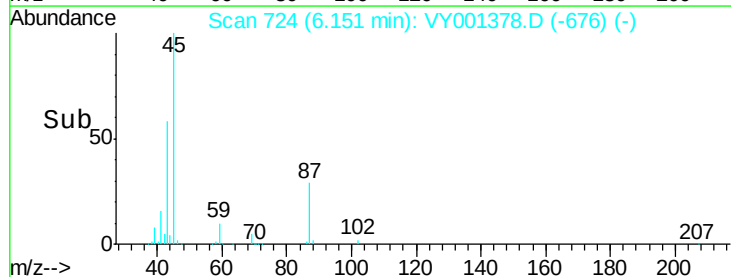
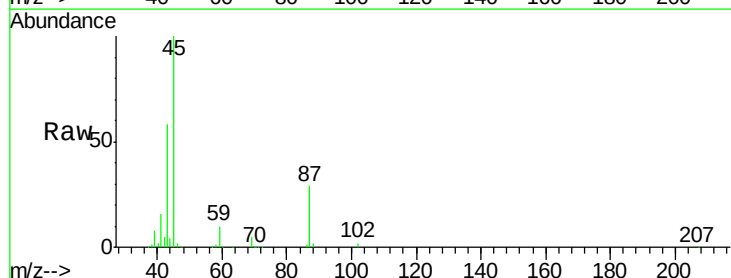
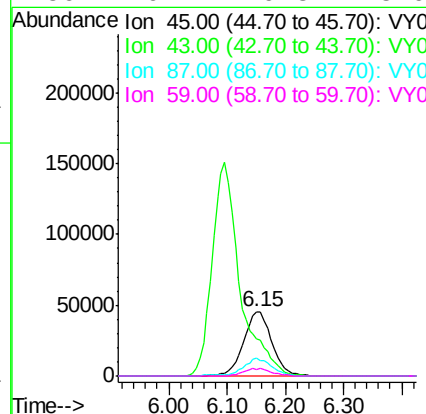
RT: 6.15 min Scan# 724

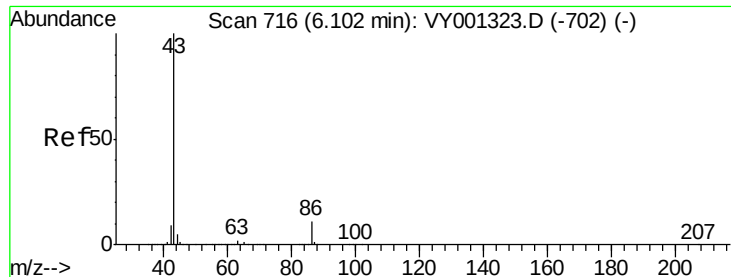
Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 152122 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.7  | 49.2  | 73.8   |
| 87       | 28.7  | 21.4  | 32.2   |
| 59       | 10.2  | 9.3   | 13.9   |





#23

Vinyl Acetate

Concen: 102.136 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 501016

Ion Ratio Lower Upper

43 100

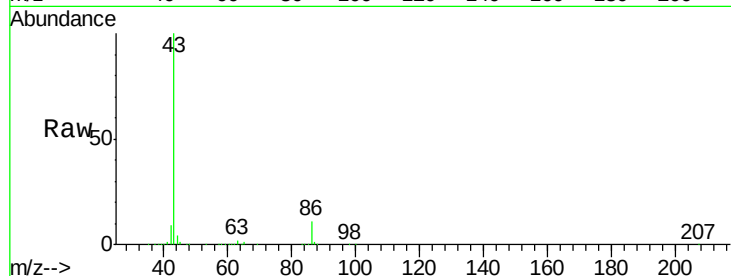
86 10.5 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

150000

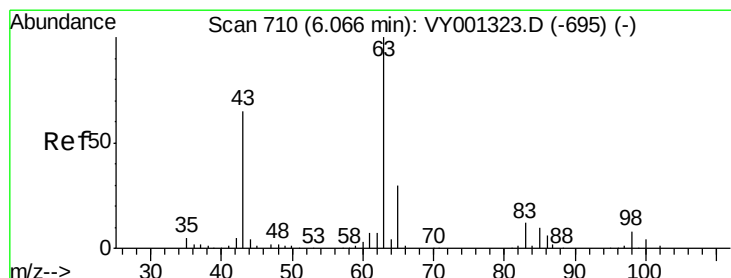
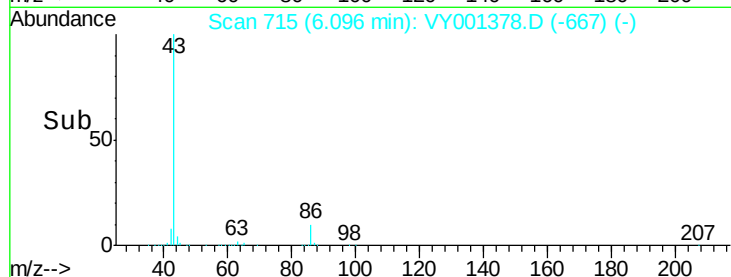
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.708 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

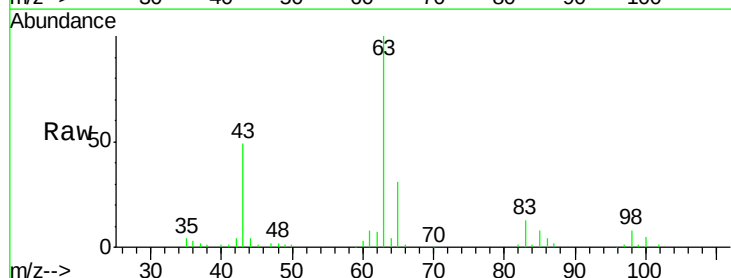
Tgt Ion: 63 Resp: 82473

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.0

100 5.1 2.1 6.3



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

6.05

30000

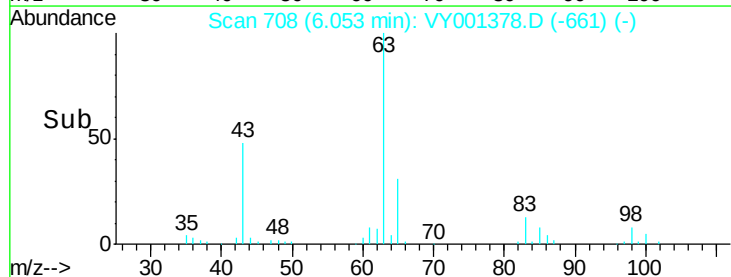
20000

10000

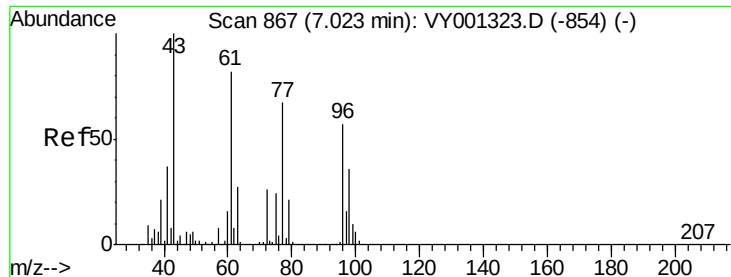
0

Time-->

5.90 6.00 6.10 6.20







#25

2-Butanone

Concen: 104.695 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 93185

Ion Ratio Lower Upper

43 100

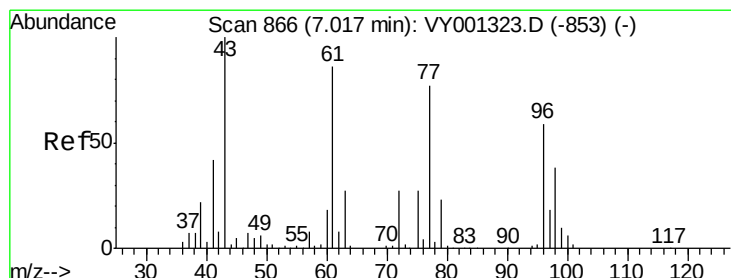
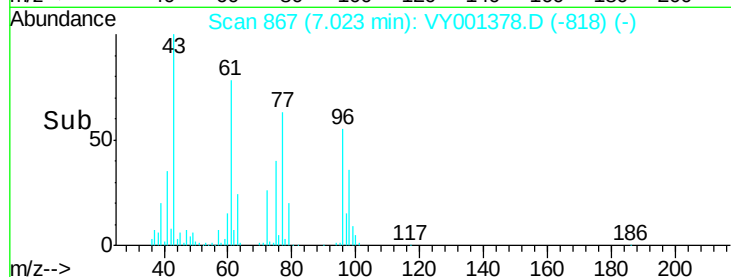
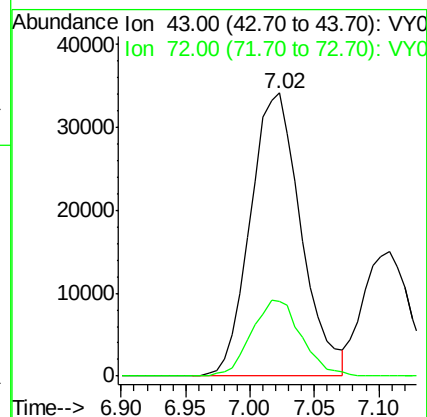
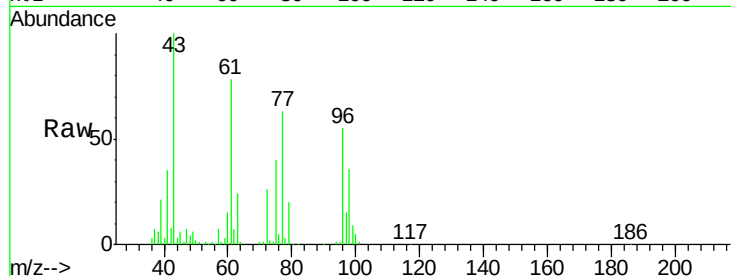
72 26.3 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.453 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001378.D

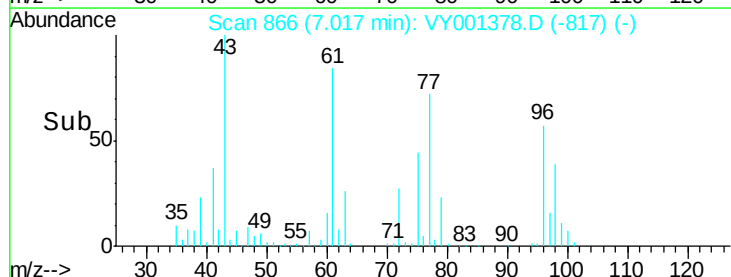
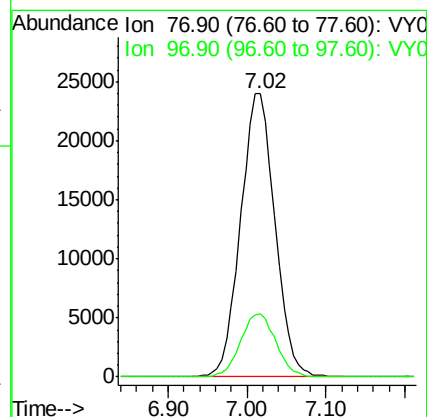
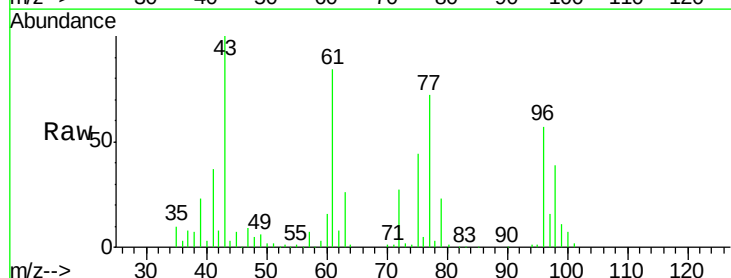
Acq: 24 Jan 2020 13:43

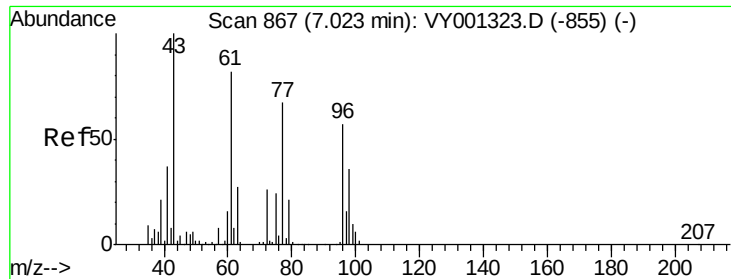
Tgt Ion: 77 Resp: 72560

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5





#27

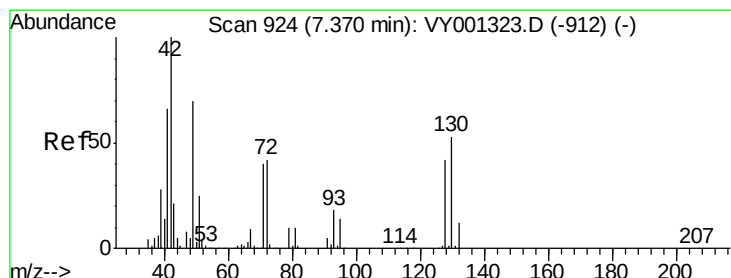
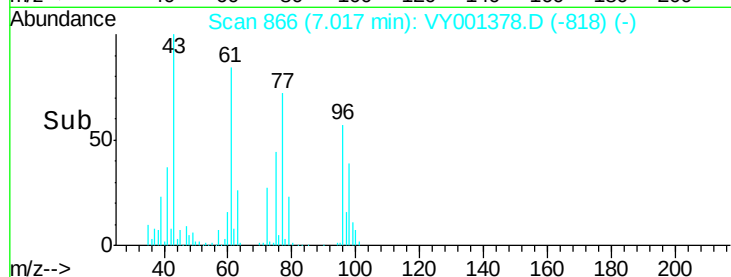
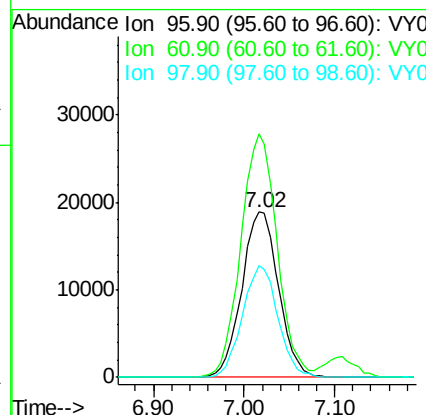
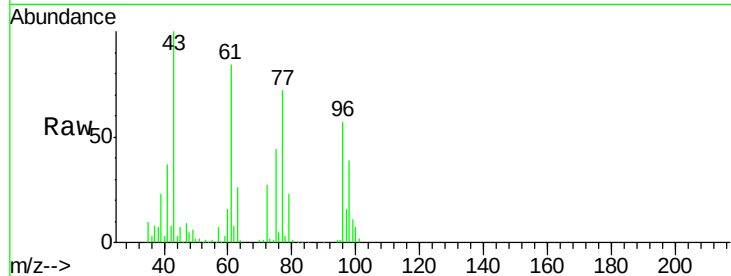
cis-1,2-Dichloroethene  
Concen: 20.446 ug/l  
RT: 7.02 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 52962 |       |       |
| 61      | 145.5 |       | 0.0   | 284.8 |
| 98      | 65.3  |       | 0.0   | 128.4 |

Manual Integrations  
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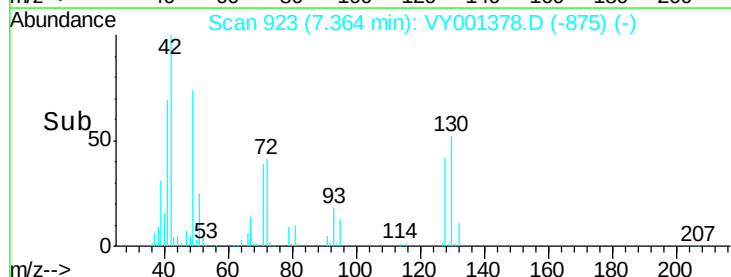
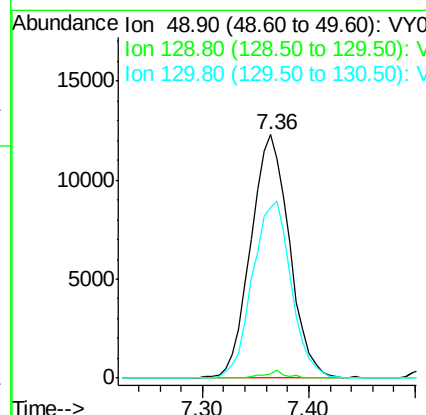
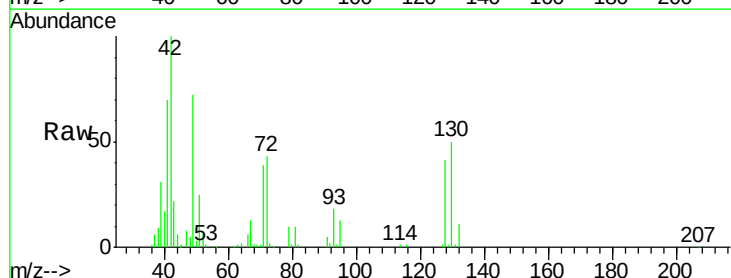
MMDadoda  
1/27/2020 12:01:43 PM

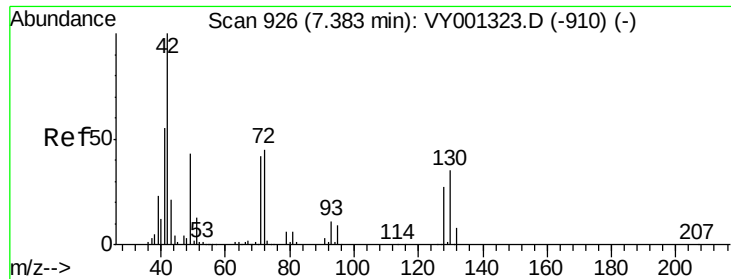


#28

Bromochloromethane  
Concen: 19.016 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 31233 |       |       |
| 129     | 1.7   |       | 0.0   | 4.0   |
| 130     | 72.4  |       | 58.9  | 88.3  |





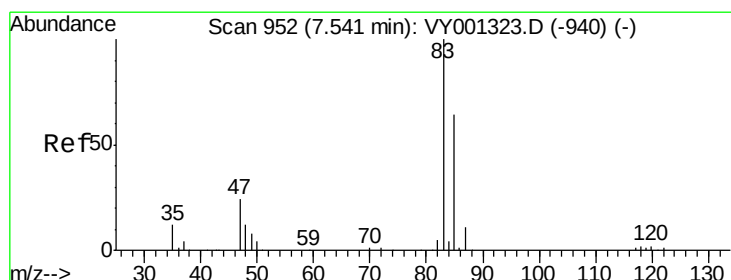
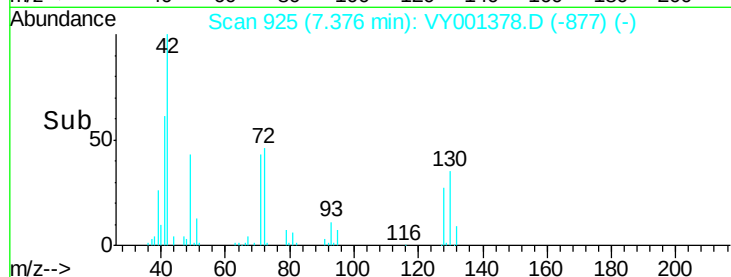
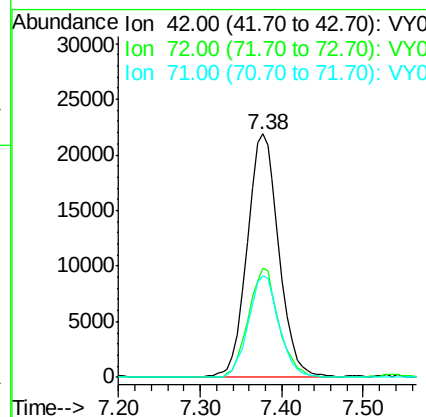
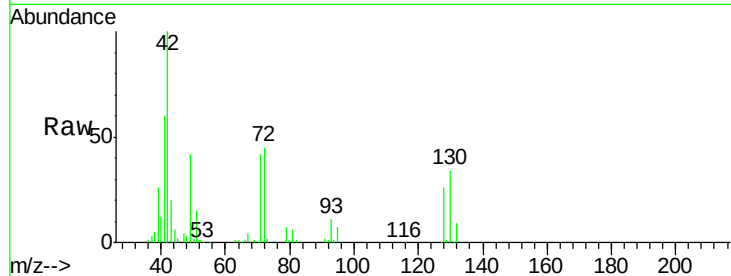
#29  
Tetrahydrofuran  
Concen: 101.937 ug/l  
RT: 7.38 min Scan# 925  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.3  | 34.6  | 51.8  |
| 71      | 40.3  | 32.6  | 48.8  |

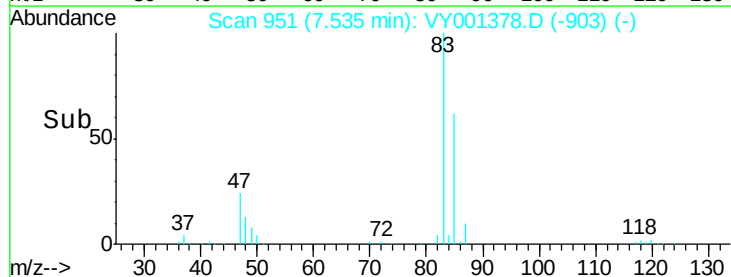
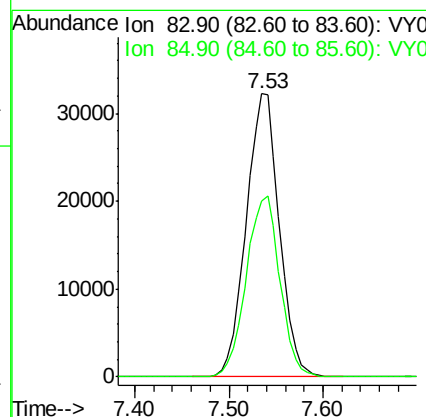
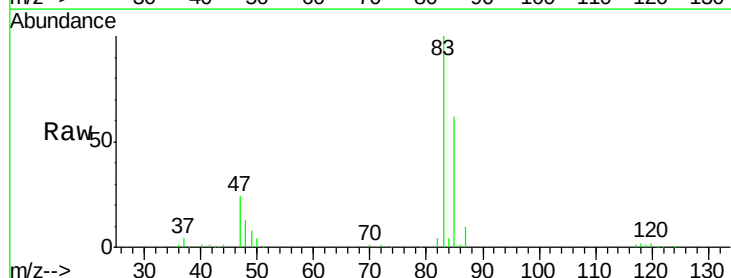
Manual Integrations  
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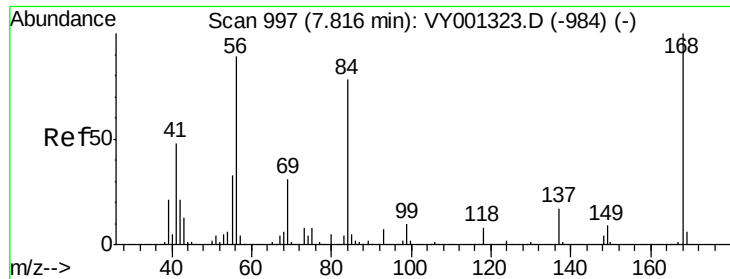
MMDadoda  
1/27/2020 12:01:43 PM



#30  
Chloroform  
Concen: 20.337 ug/l  
RT: 7.53 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.9  | 51.5  | 77.3  |





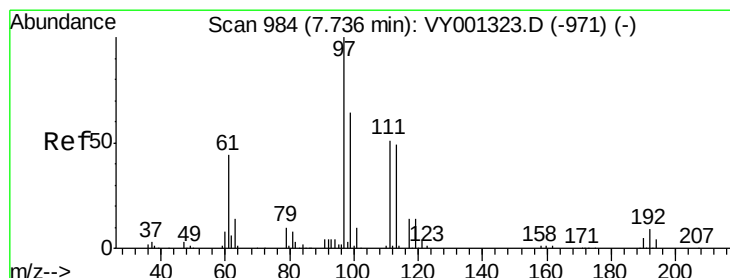
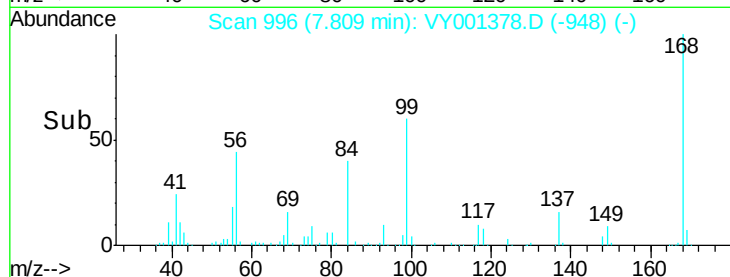
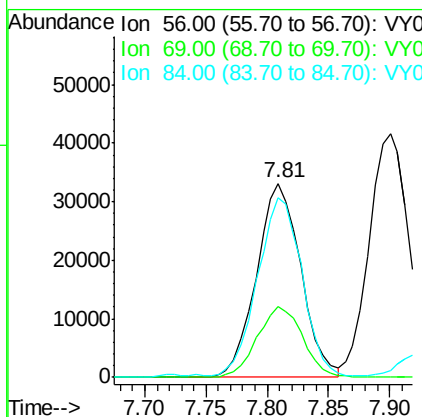
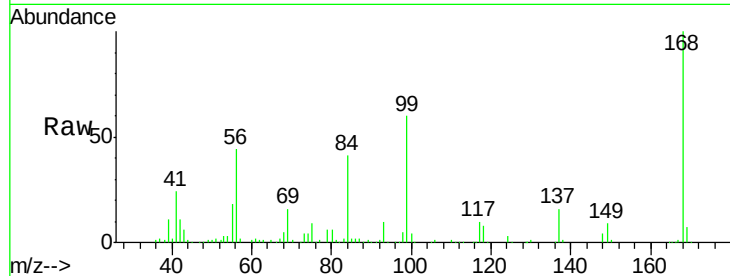
#31  
Cyclohexane  
Concen: 21.125 ug/l  
RT: 7.81 min Scan# 996  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 36.7  | 27.6  | 41.4  |
| 84      | 91.8  | 69.7  | 104.5 |

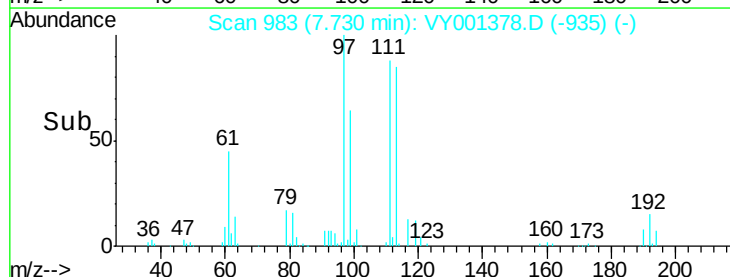
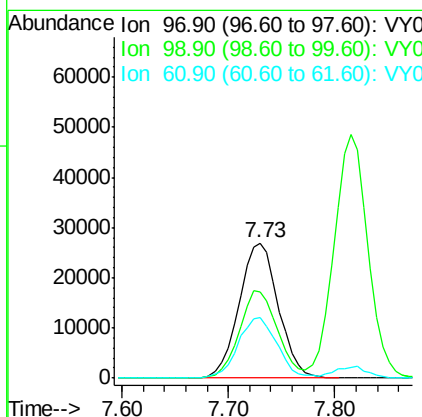
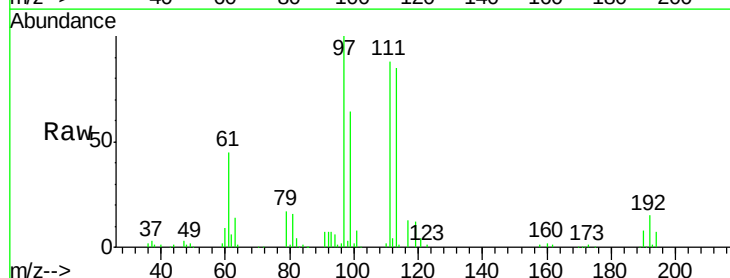
Manual Integrations  
APPROVED

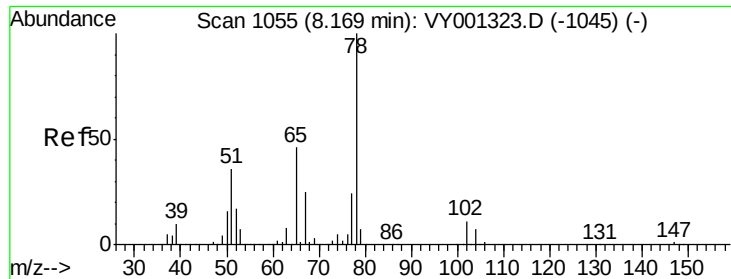
MMDadoda  
1/27/2020 12:01:43 PM



#32  
1,1,1-Trichloroethane  
Concen: 21.101 ug/l  
RT: 7.73 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.4  | 51.3  | 76.9  |
| 61      | 44.4  | 35.9  | 53.9  |





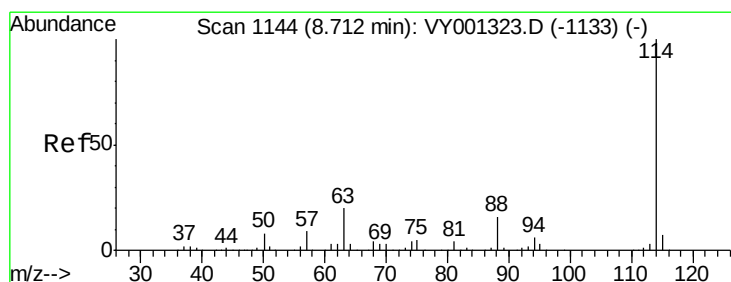
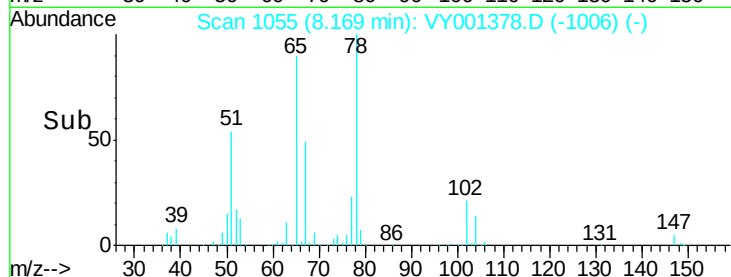
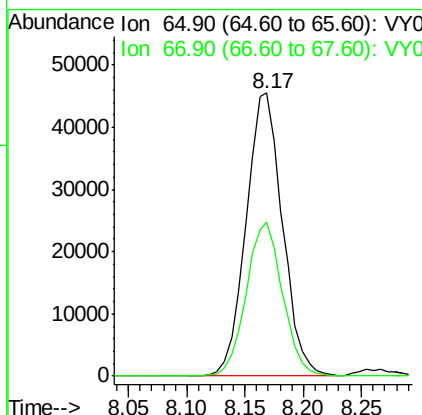
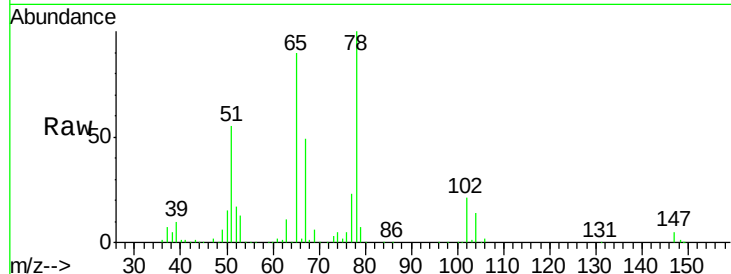
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.514 ug/l  
 RT: 8.17 min Scan# 1055  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.3  | 0.0   | 108.6 |

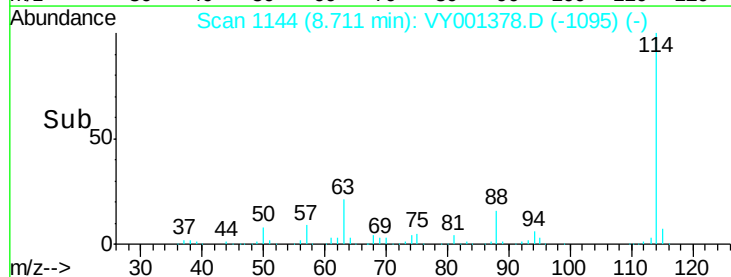
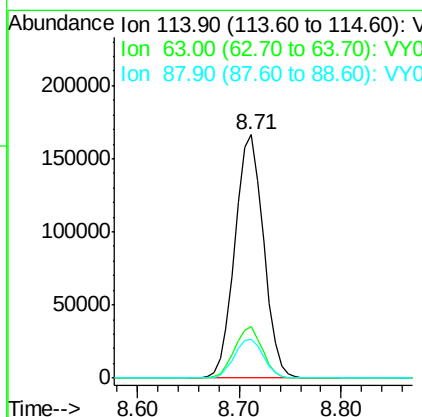
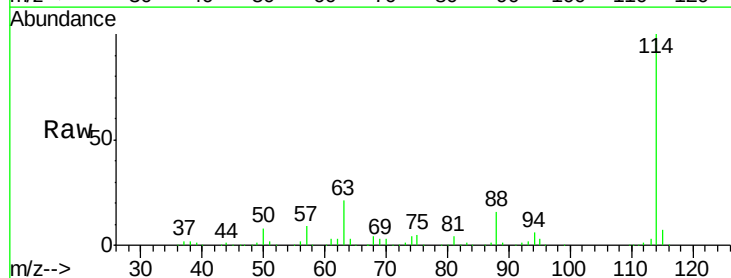
Manual Integrations  
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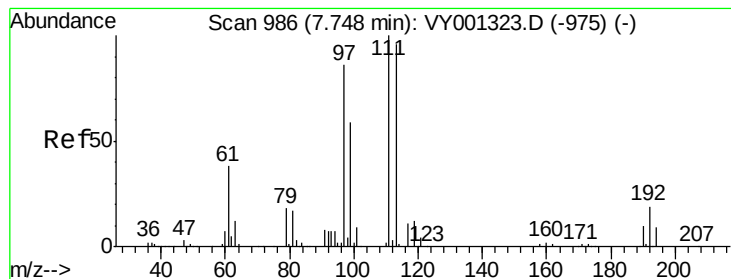
MMDadoda  
 1/27/2020 12:01:43 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1144  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 21.0  | 0.0   | 40.8  |
| 88      | 15.9  | 0.0   | 31.0  |





#35

Dibromofluoromethane

Concen: 48.552 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

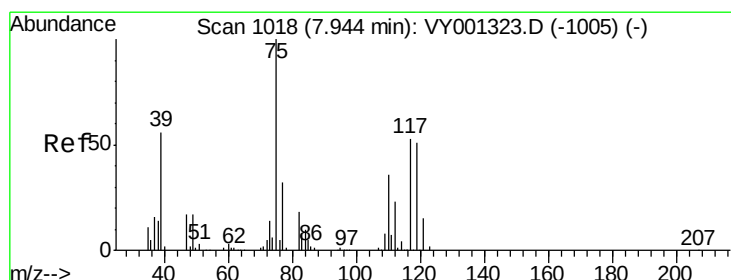
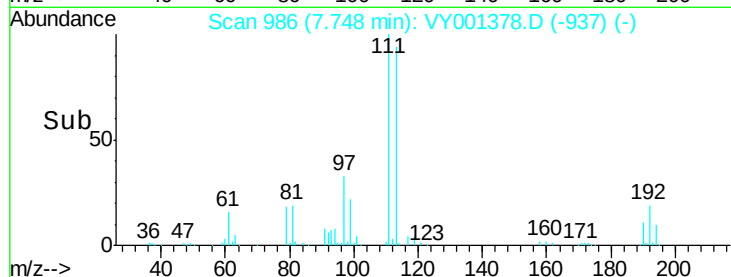
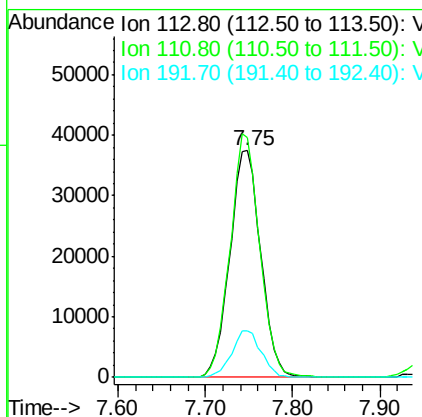
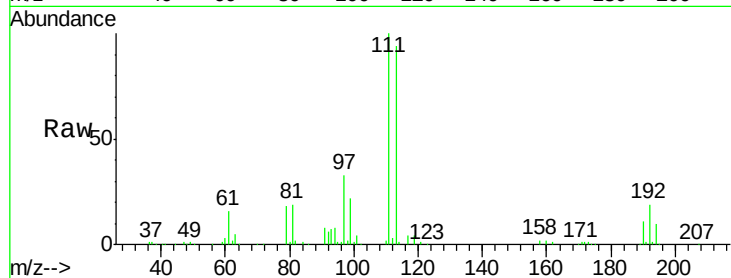
ClientSampleId :

VY0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 91954 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.0 | 82.8  | 124.2 |
| 192      | 19.6  | 15.5  | 23.3  |

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1/27/2020 12:01:43 PM



#36

1,1-Dichloropropene

Concen: 21.801 ug/l

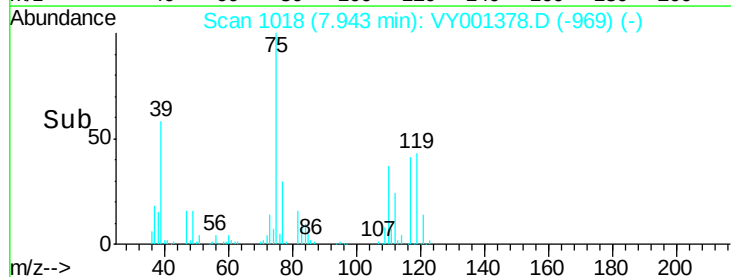
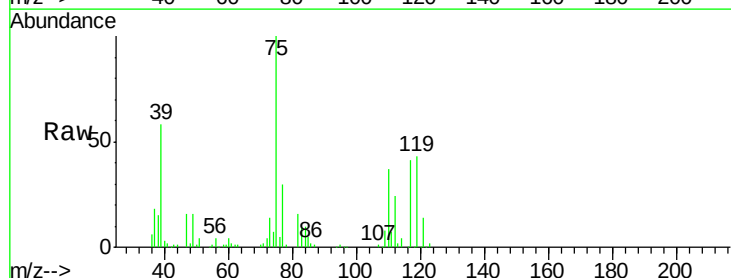
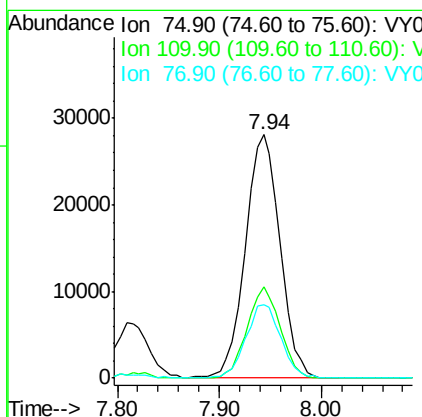
RT: 7.94 min Scan# 1018

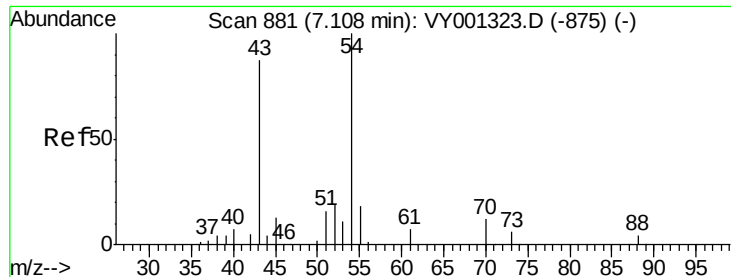
Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 66464 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 35.8  | 17.6  | 52.8  |
| 77       | 30.6  | 24.7  | 37.1  |





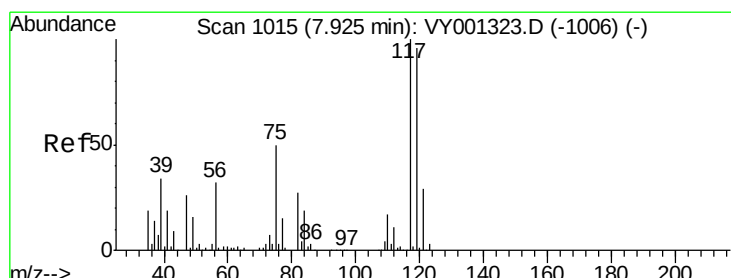
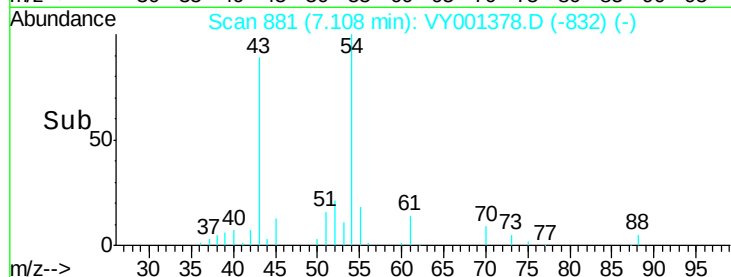
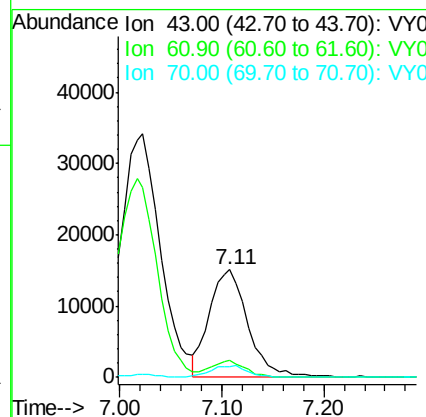
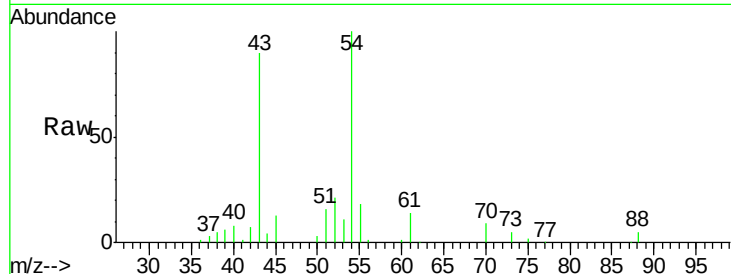
#37  
Ethyl Acetate  
Concen: 21.140 ug/l  
RT: 7.11 min Scan# 881  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.1  | 11.3  | 16.9  |
| 70      | 10.9  | 8.7   | 13.1  |

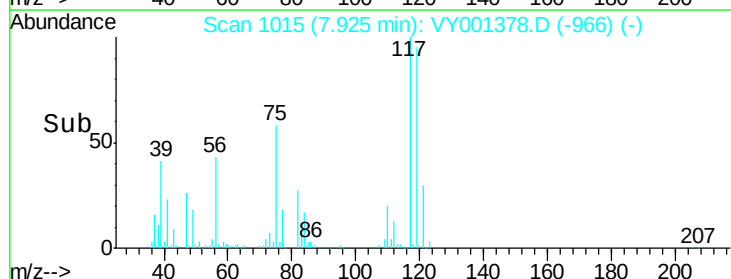
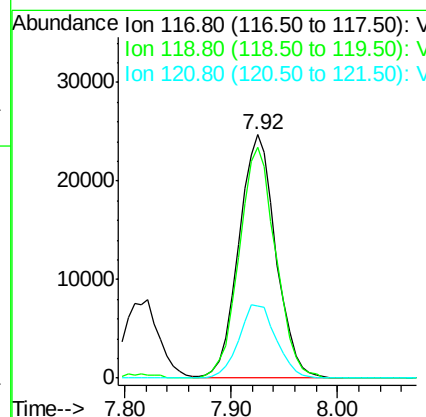
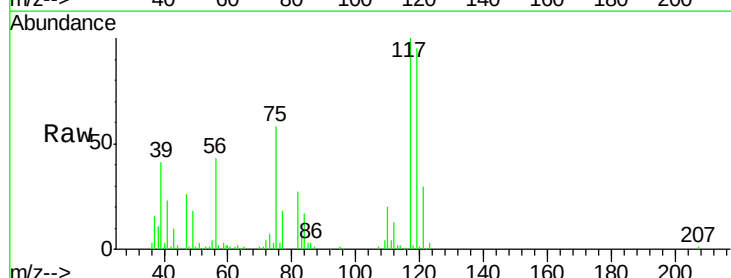
Manual Integrations  
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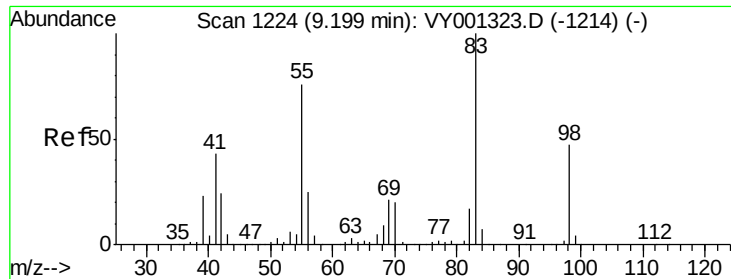
MMDadoda  
1/27/2020 12:01:43 PM



#38  
Carbon Tetrachloride  
Concen: 22.176 ug/l  
RT: 7.92 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.9  | 76.3  | 114.5 |
| 121     | 29.5  | 23.5  | 35.3  |





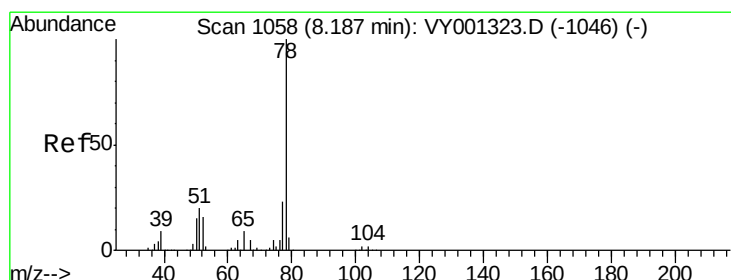
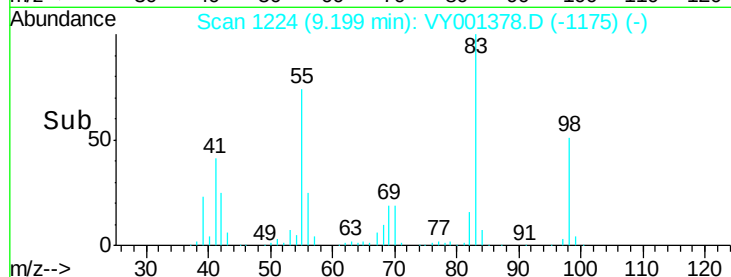
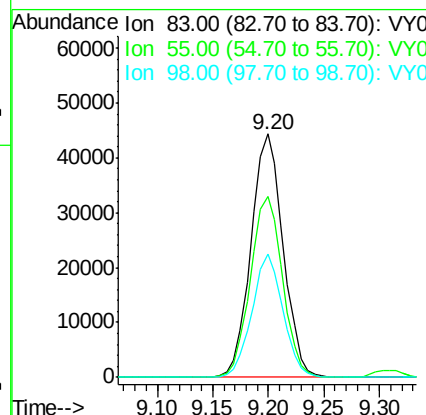
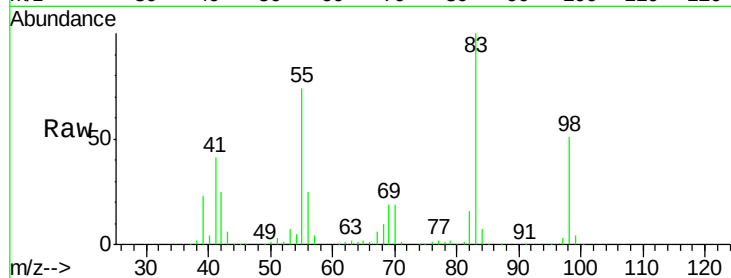
#39  
Methylvlcyclohexane  
Concen: 22.764 ug/l  
RT: 9.20 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.2  | 60.7  | 91.1  |
| 98      | 50.9  | 37.8  | 56.8  |

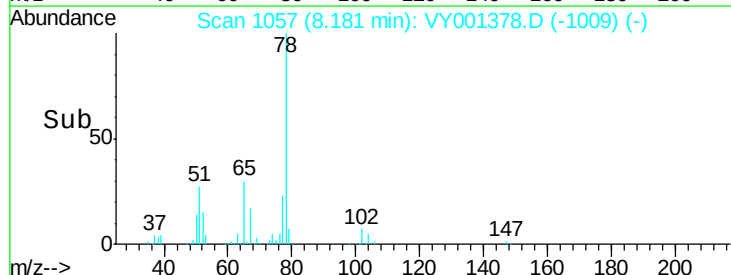
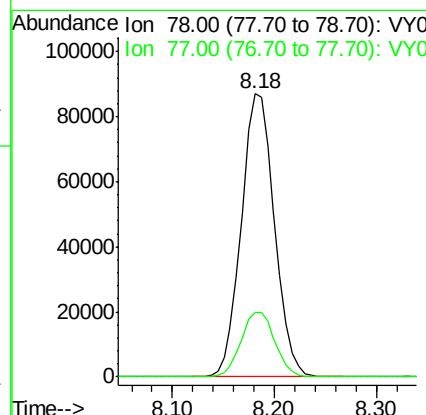
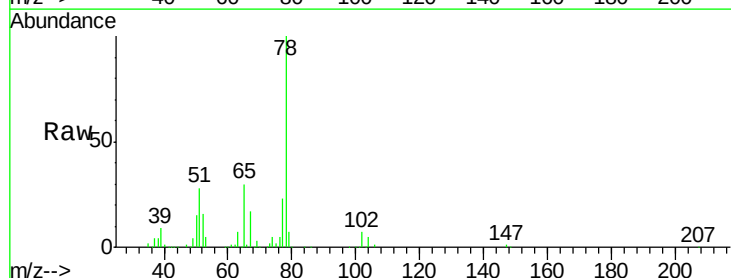
Manual Integrations  
APPROVED

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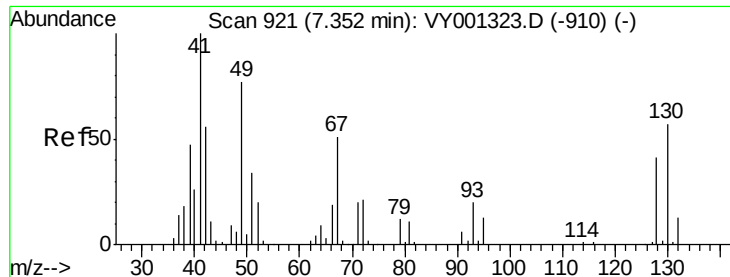


#40  
Benzene  
Concen: 21.449 ug/l  
RT: 8.18 min Scan# 1057  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 18.6  | 27.8  |







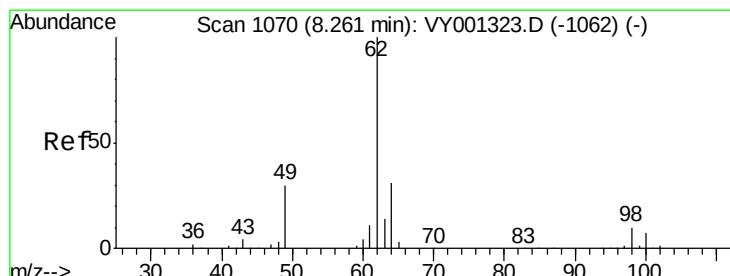
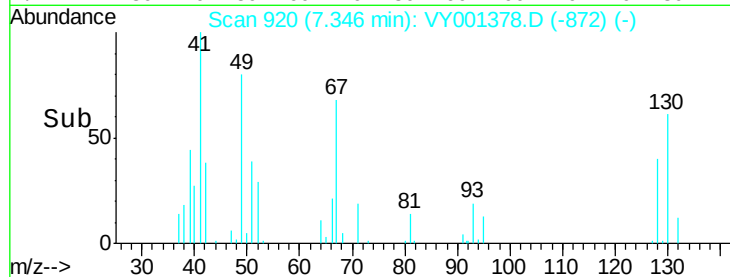
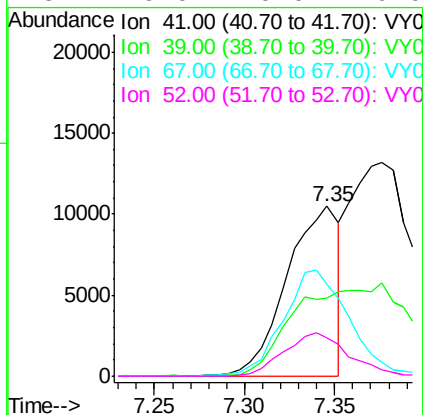
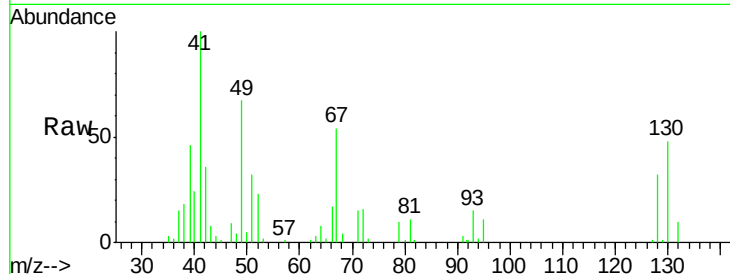
#41  
Methacrylonitrile  
Concen: 22.167 ug/l m  
RT: 7.35 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 119.2 | 0.0   | 0.0#  |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

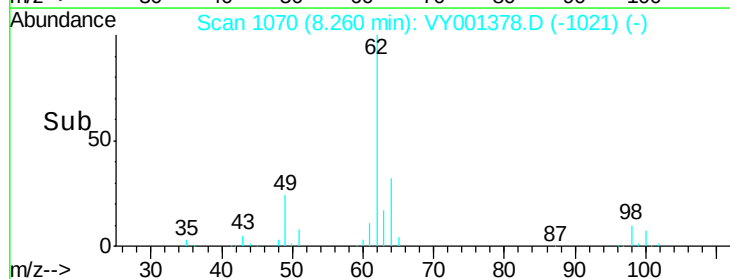
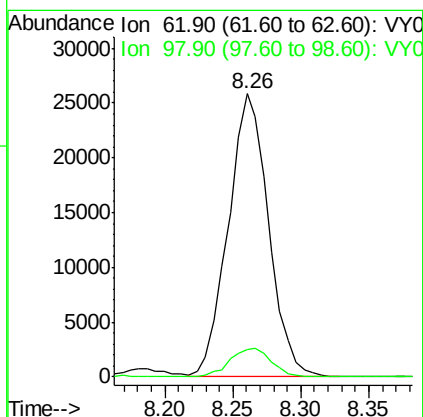
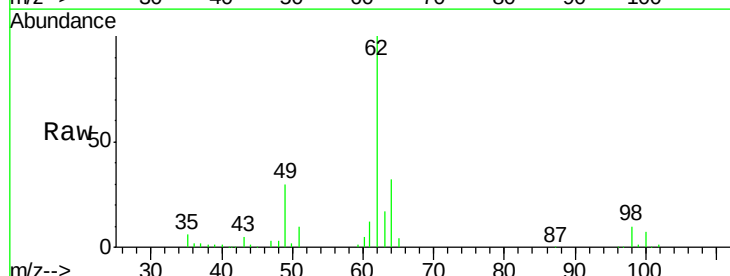
Manual Integrations  
APPROVED

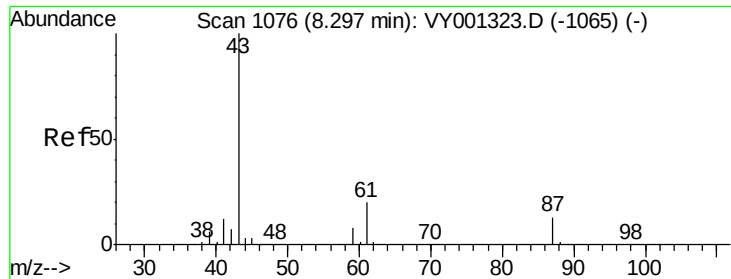
MMDadoda  
1/27/2020 12:01:43 PM



#42  
1,2-Dichloroethane  
Concen: 20.832 ug/l  
RT: 8.26 min Scan# 1070  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.6  | 0.0   | 20.8  |





#43

Isopropyl Acetate

Concen: 21.391 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

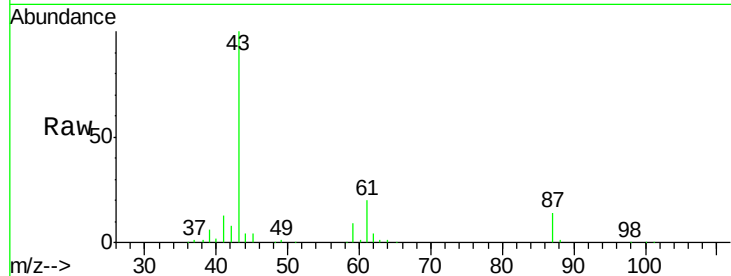
ClientSampleId :

VY0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 77474 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 28.1  | 22.7  | 34.1  |
| 87       | 12.9  | 11.0  | 16.4  |

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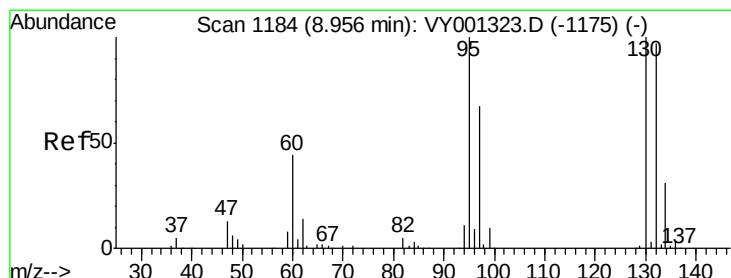
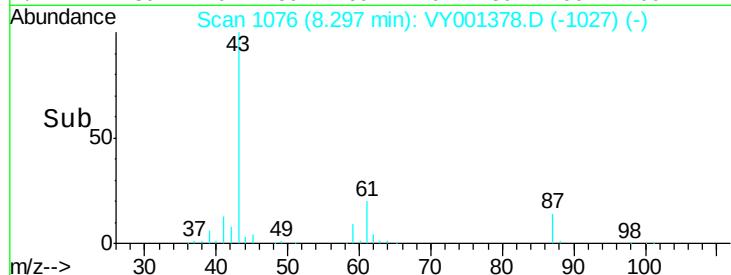
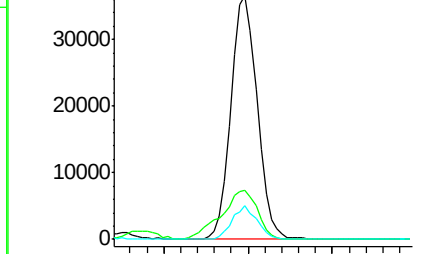
MMDadoda  
1/27/2020 12:01:43 PM



Abundance Ion 43.00 (42.70 to 43.70): VY001378.D (-1027) (-)

Ion 61.00 (60.70 to 61.70): VY001378.D (-1027) (-)

Ion 87.00 (86.70 to 87.70): VY001378.D (-1027) (-)



#44

Trichloroethene

Concen: 21.355 ug/l

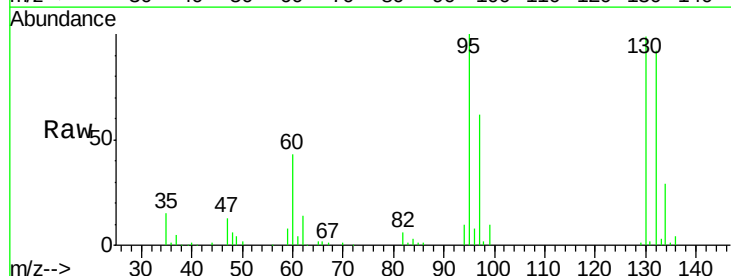
RT: 8.96 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VY001378.D

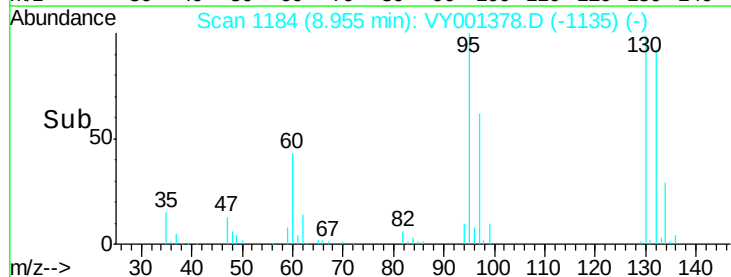
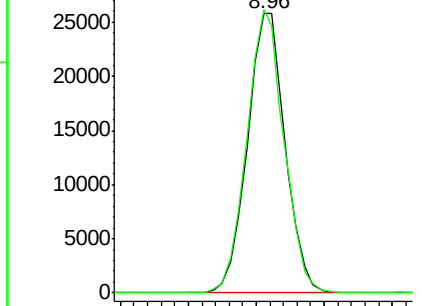
Acq: 24 Jan 2020 13:43

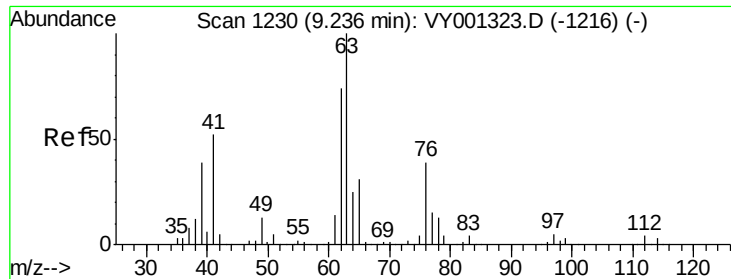
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 50093 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 101.3 | 0.0   | 200.0 |



Abundance Ion 129.80 (129.50 to 130.50): VY001378.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY001378.D (-1135) (-)





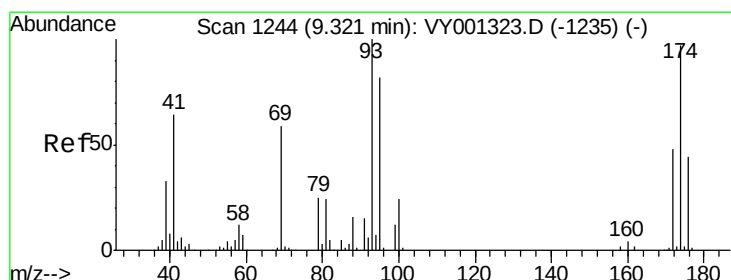
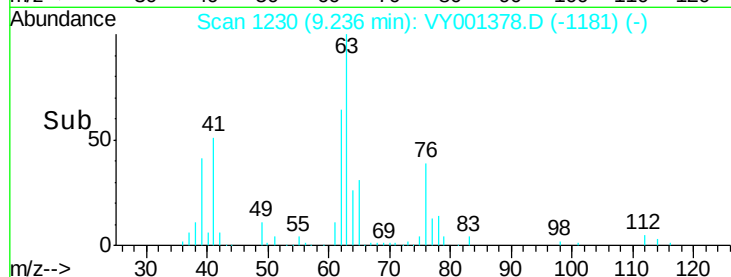
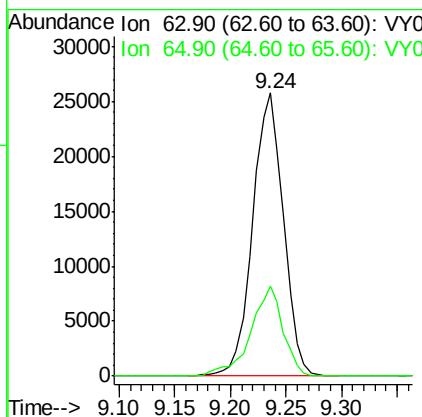
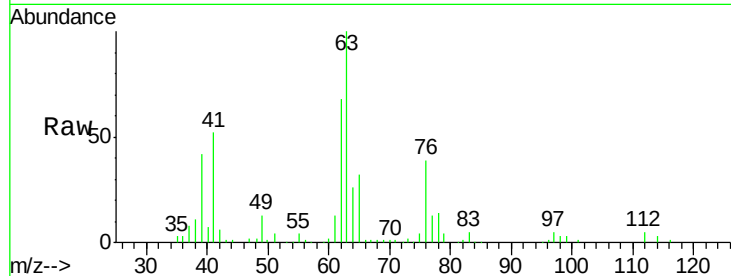
#45  
 1,2-Dichloropropane  
 Concen: 21.502 ug/l  
 RT: 9.24 min Scan# 1230  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

Tot Ion: 63 Resp: 49688  
 Ion Ratio Lower Upper  
 63 100  
 65 32.0 24.9 37.3

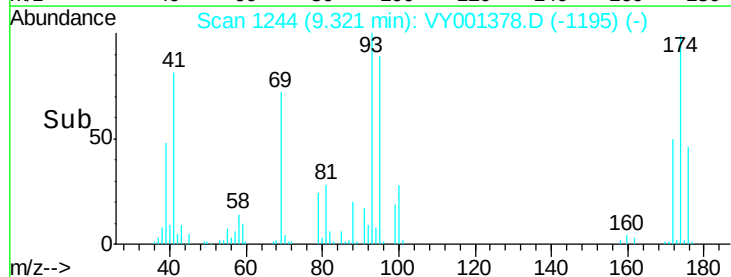
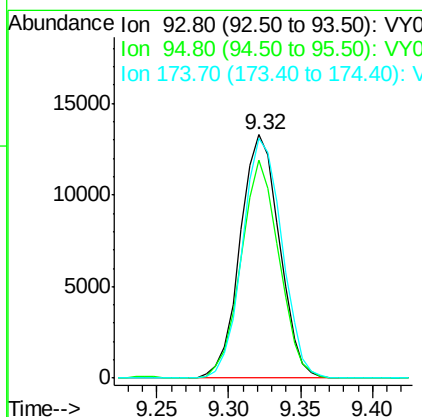
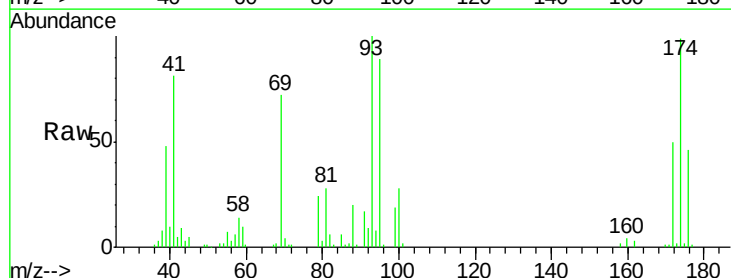
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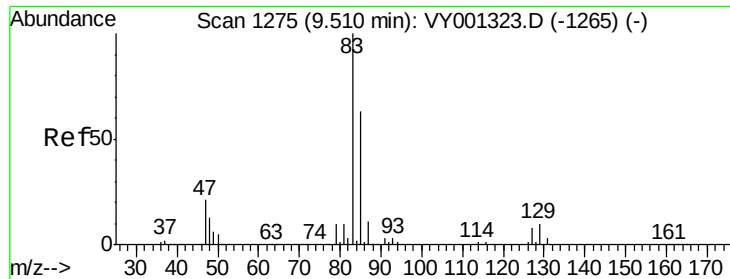
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#46  
 Dibromomethane  
 Concen: 20.267 ug/l  
 RT: 9.32 min Scan# 1244  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Tgt Ion: 93 Resp: 25143  
 Ion Ratio Lower Upper  
 93 100  
 95 86.6 66.5 99.7  
 174 99.0 77.9 116.9





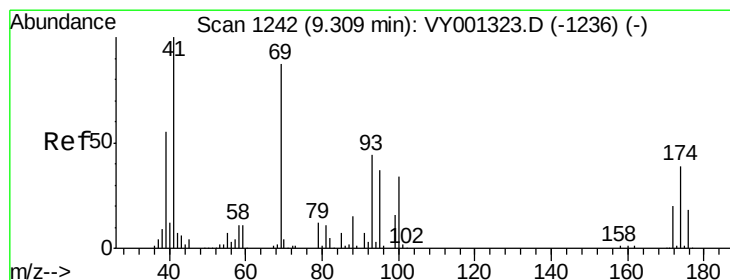
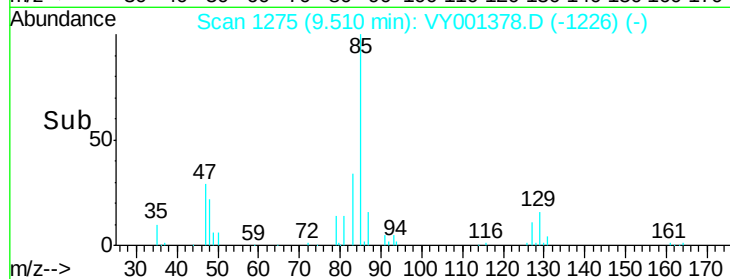
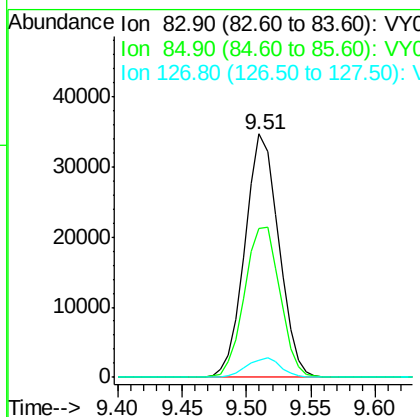
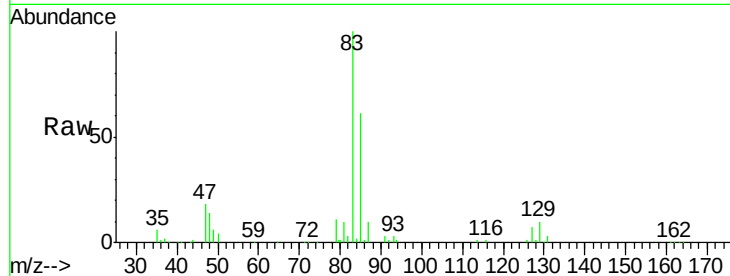
#47  
Bromodichloromethane  
Concen: 21.246 ug/l  
RT: 9.51 min Scan# 1275  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion   | 83   | Resp  | 63008 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 61.3 | 50.2  | 75.2  |
| 127       | 6.9  | 6.4   | 9.6   |

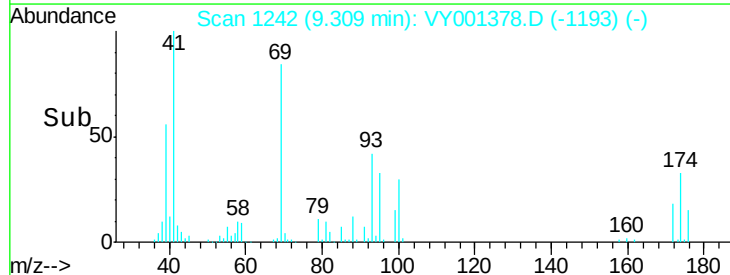
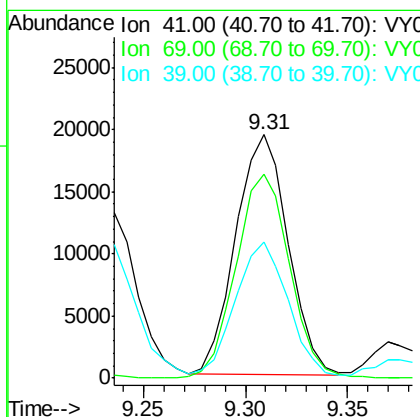
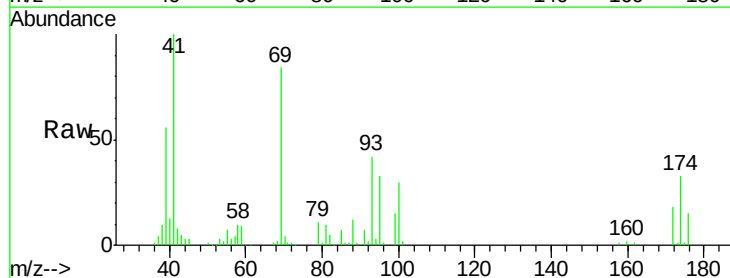
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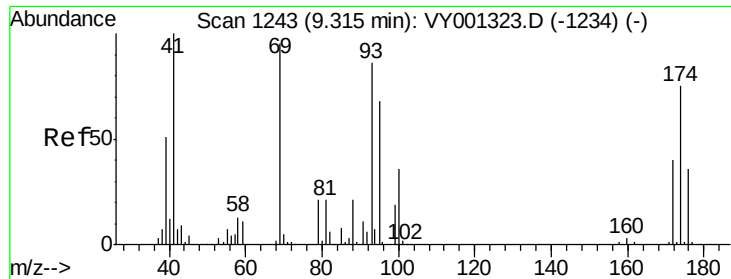
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1/27/2020 12:01:43 PM



#48  
Methyl methacrylate  
Concen: 20.968 ug/l  
RT: 9.31 min Scan# 1242  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion   | 41   | Resp  | 34524 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 87.1 | 70.2  | 105.4 |
| 39        | 57.7 | 45.7  | 68.5  |





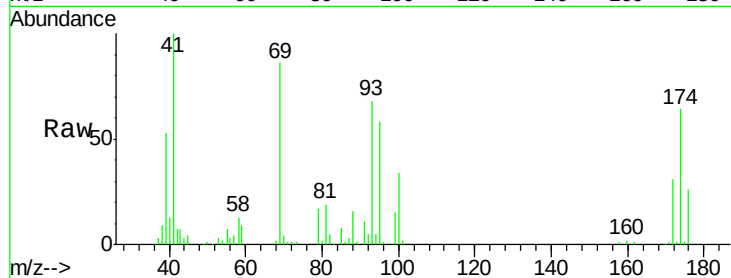
#49  
1,4-Dioxane  
Concen: 426.593 ug/l  
RT: 9.31 min Scan# 1243  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

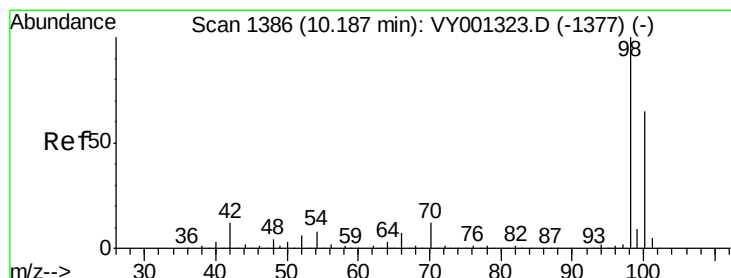
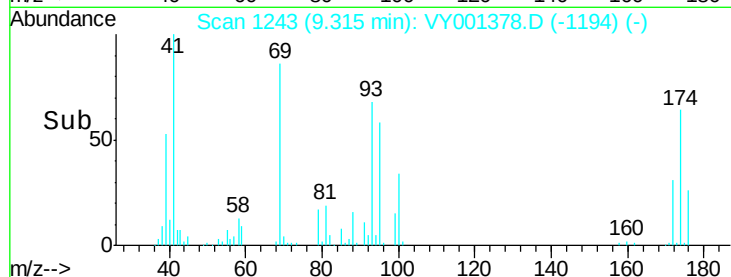
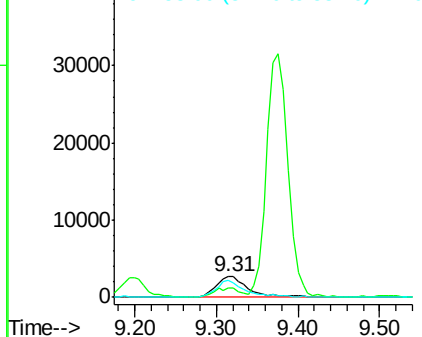
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.0  | 28.2  | 42.2  |
| 58      | 68.3  | 55.6  | 83.4  |

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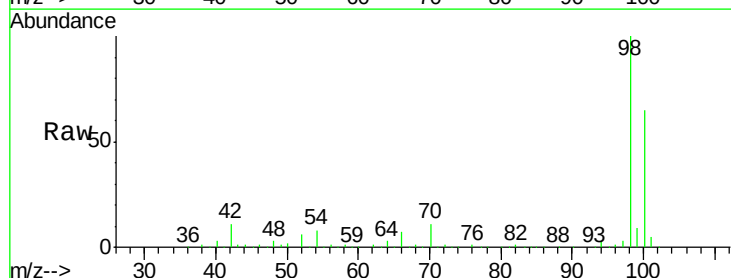


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

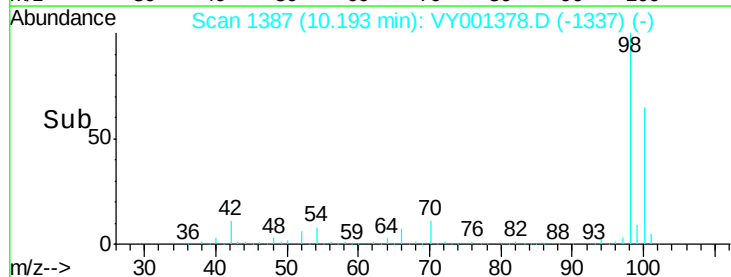
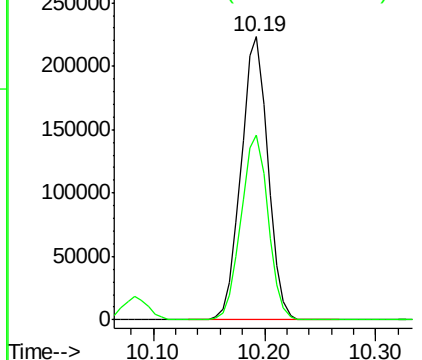


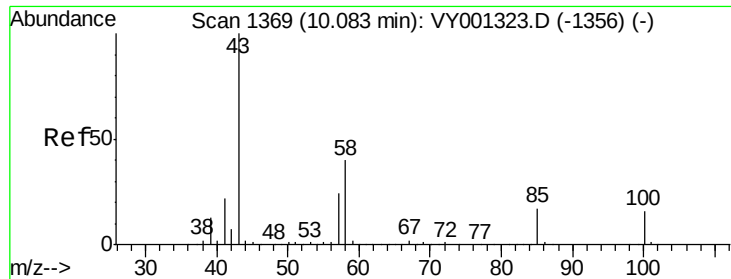
#50  
Toluene-d8  
Concen: 50.744 ug/l  
RT: 10.19 min Scan# 1387  
Delta R.T. 0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.9  | 52.6  | 79.0  |



Abundance Ion 98.00 (97.70 to 98.70): VY0  
Ion 100.00 (99.70 to 100.70): VY0





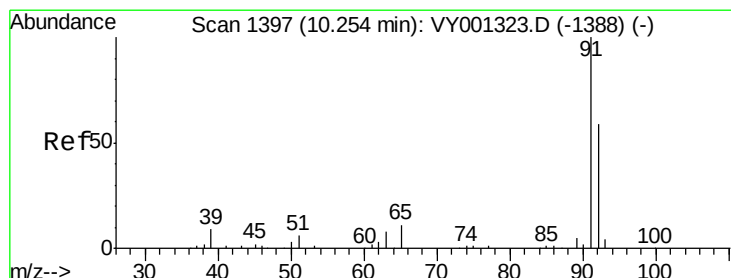
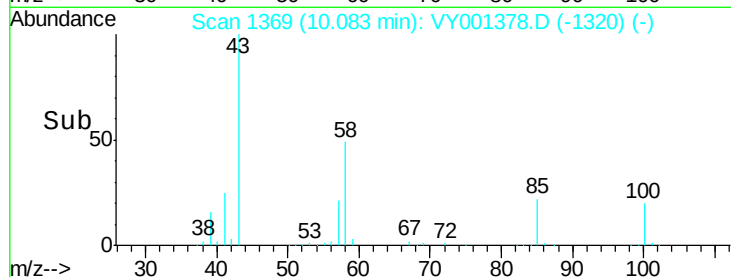
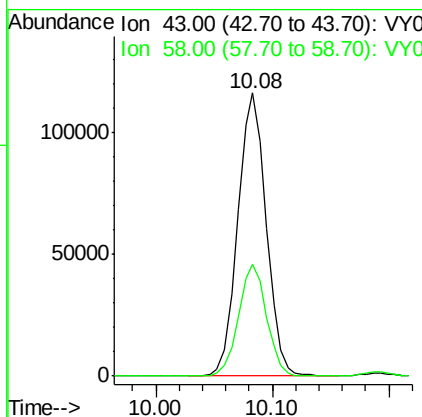
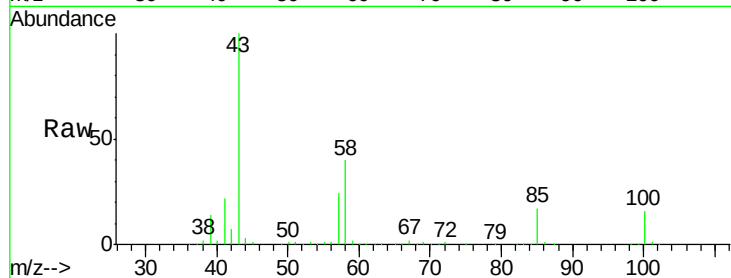
#51  
4-Methyl-2-Pentanone  
Concen: 106.167 ug/l  
RT: 10.08 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

Tot Ion: 43 Resp: 198022  
Ion Ratio Lower Upper  
43 100  
58 38.9 31.5 47.3

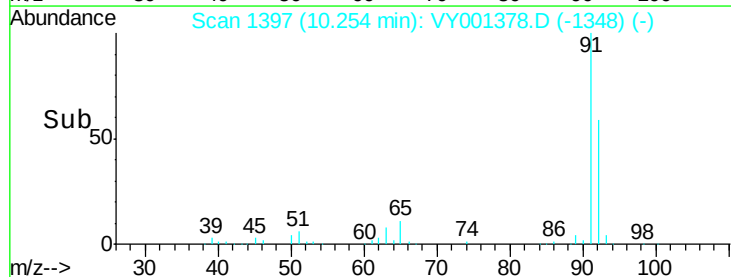
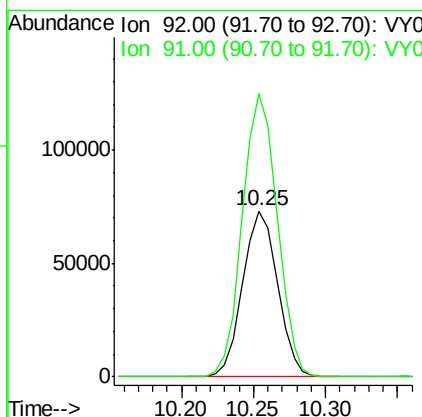
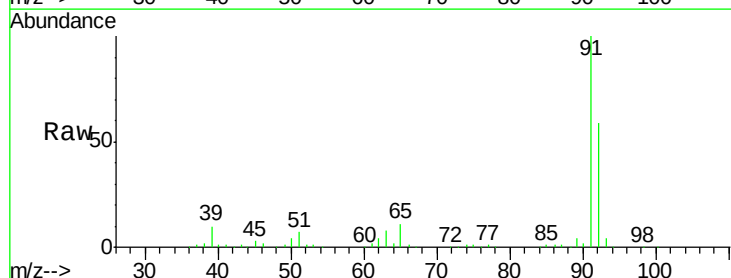
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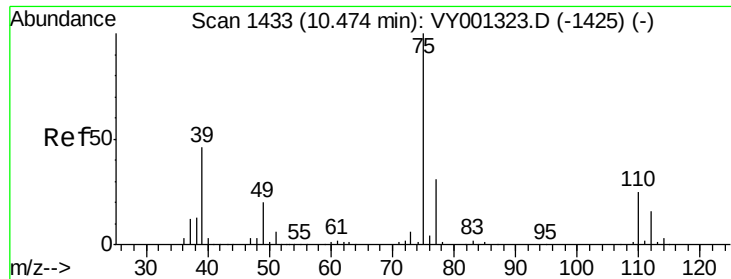
MMDadoda  
1/27/2020 12:01:43 PM



#52  
Toluene  
Concen: 21.202 ug/l  
RT: 10.25 min Scan# 1397  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Tgt Ion: 92 Resp: 122853  
Ion Ratio Lower Upper  
92 100  
91 170.6 136.4 204.6





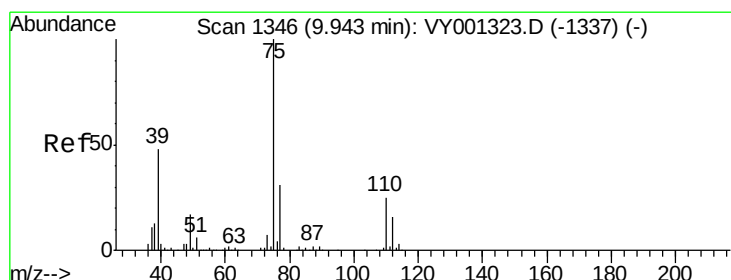
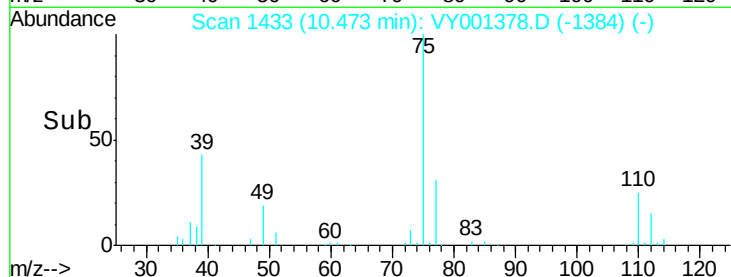
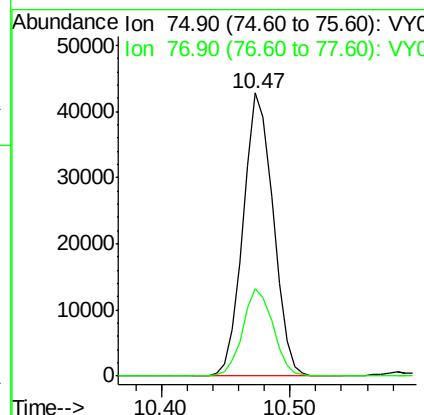
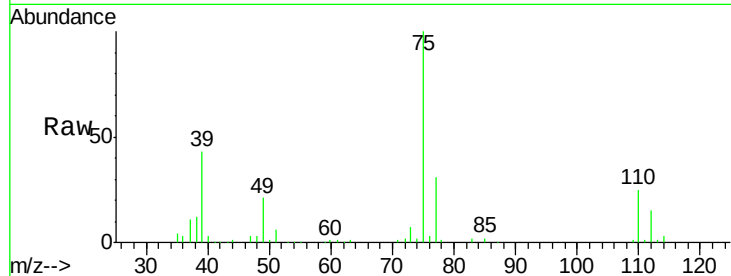
#53  
t-1,3-Dichloropropene  
Concen: 20.989 ug/l  
RT: 10.47 min Scan# 1433  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

Tot Ion: 75 Resp: 68992  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.2 37.8

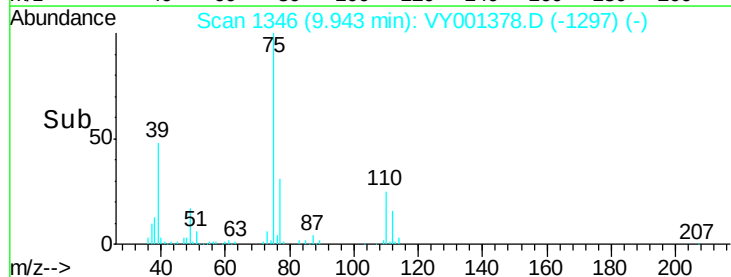
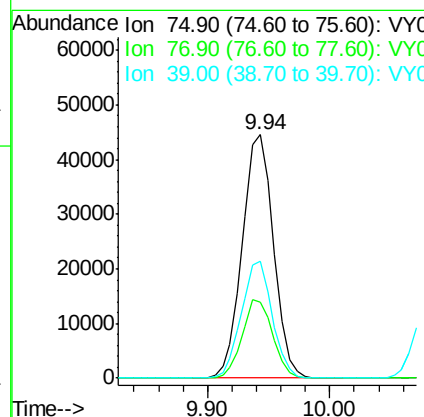
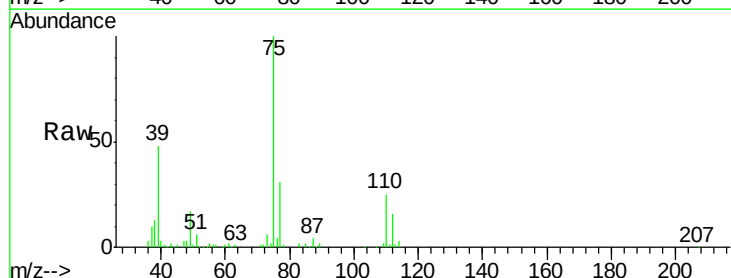
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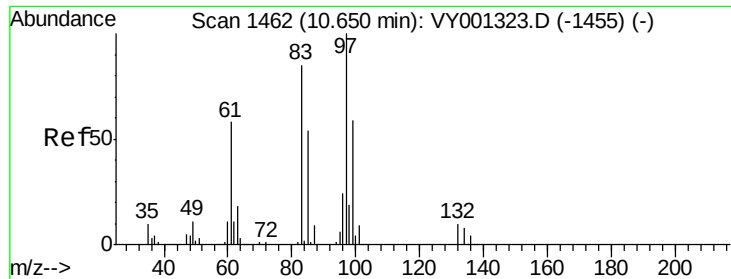
MMDadoda  
1/27/2020 12:01:43 PM



#54  
cis-1,3-Dichloropropene  
Concen: 20.889 ug/l  
RT: 9.94 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Tgt Ion: 75 Resp: 78813  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.0 37.6  
39 47.6 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 20.809 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 97 Resp: 38102

Ion Ratio Lower Upper

97 100

83 88.1 68.0 102.0

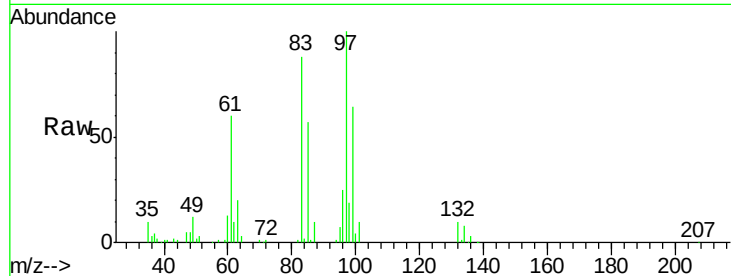
85 56.5 43.6 65.4

99 64.5 47.1 70.7

Manual Integrations  
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1/27/2020 12:01:43 PM

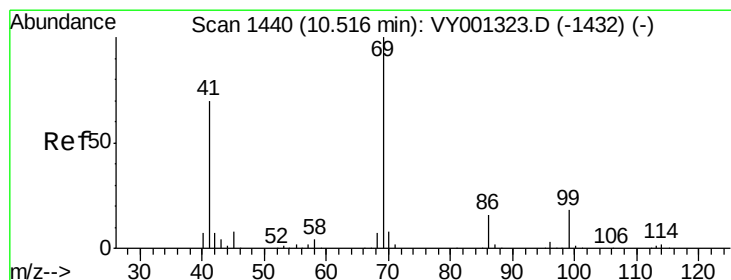
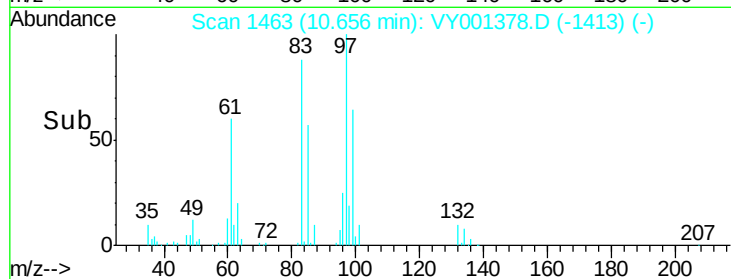
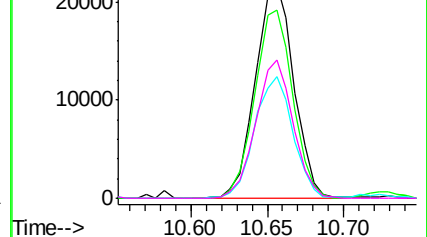


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.562 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Tgt Ion: 69 Resp: 56906

Ion Ratio Lower Upper

69 100

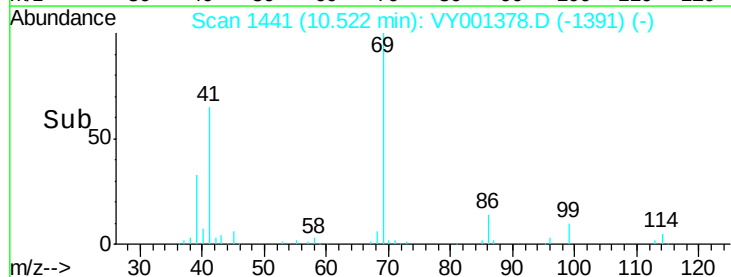
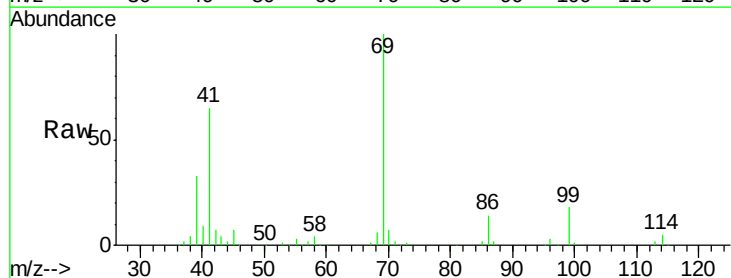
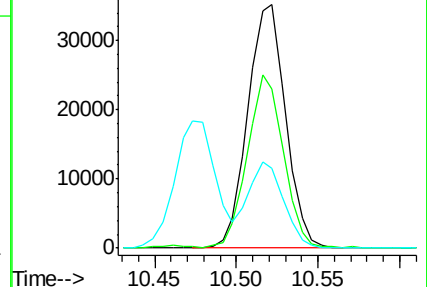
41 66.9 54.1 81.1

39 33.3 26.8 40.2

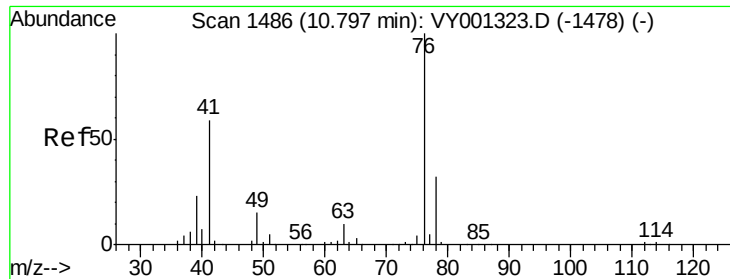
Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0







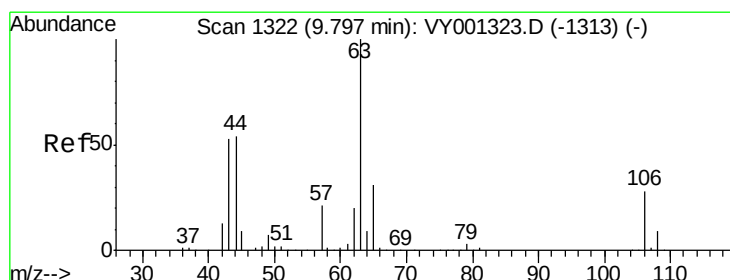
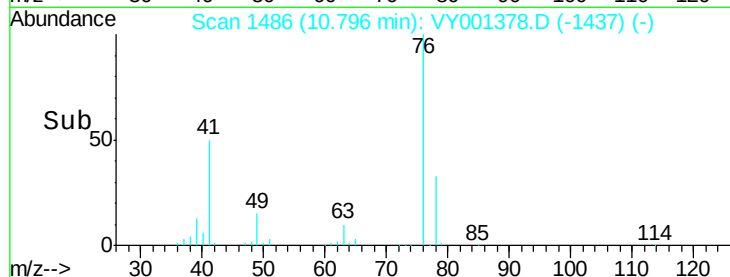
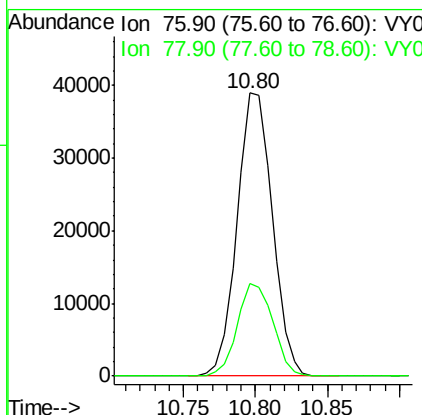
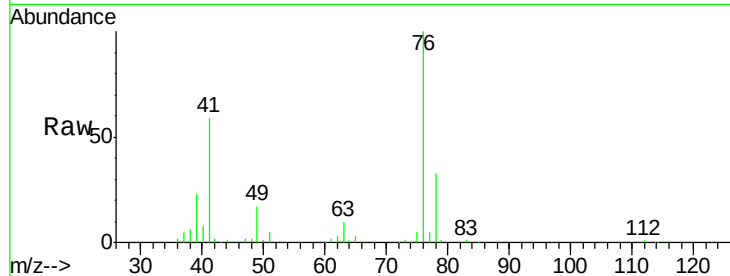
#57  
 1,3-Dichloropropane  
 Concen: 20.840 ug/l  
 RT: 10.80 min Scan# 1486  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

Tot Ion: 76 Resp: 66473  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 25.8 38.8

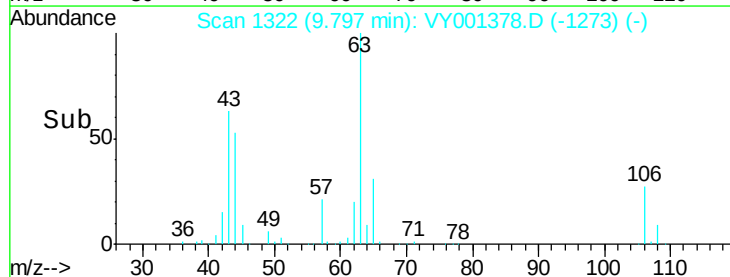
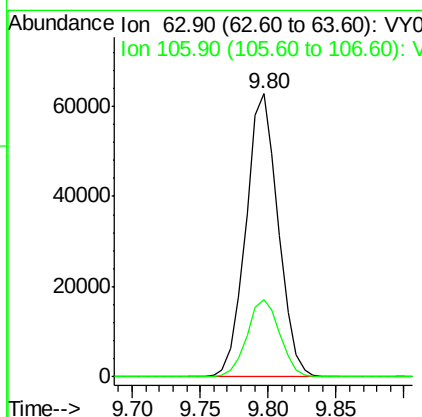
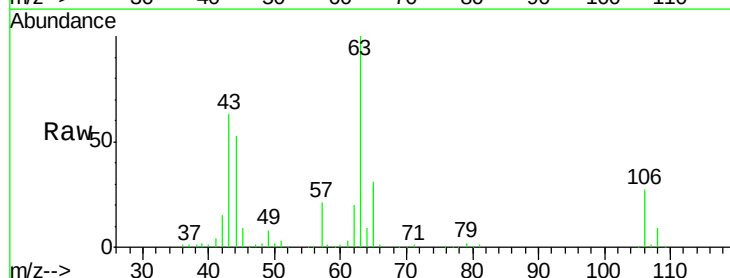
Manual Integrations  
 APPROVED

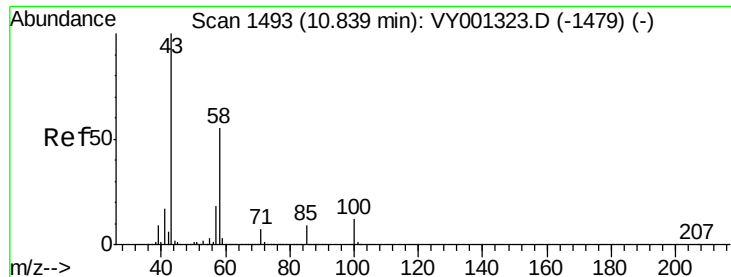
MMDadoda  
 1/27/2020 12:01:43 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 108.995 ug/l  
 RT: 9.80 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Tgt Ion: 63 Resp: 104379  
 Ion Ratio Lower Upper  
 63 100  
 106 27.6 22.5 33.7





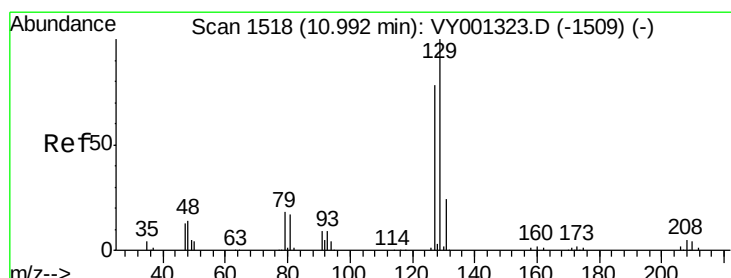
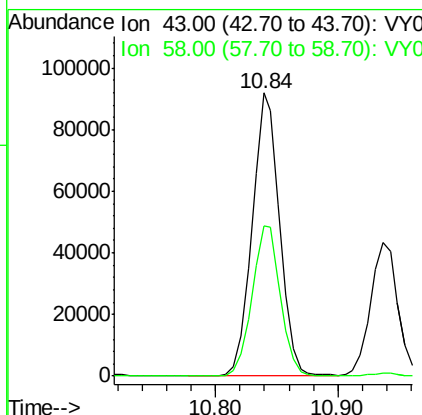
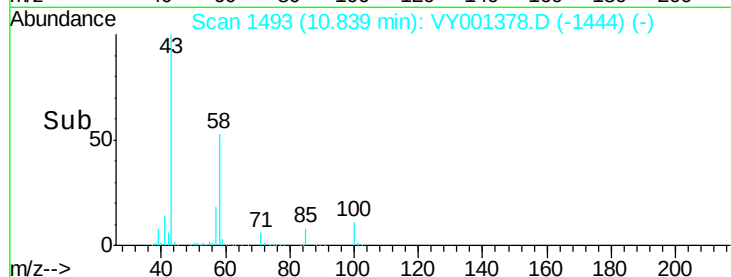
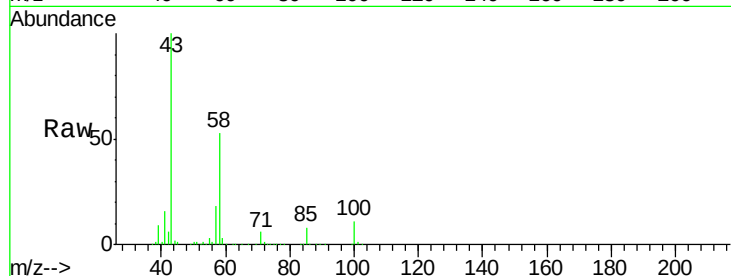
#59  
2-Hexanone  
Concen: 110.522 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

Tot Ion: 43 Resp: 143512  
Ion Ratio Lower Upper  
43 100  
58 54.6 27.6 82.8

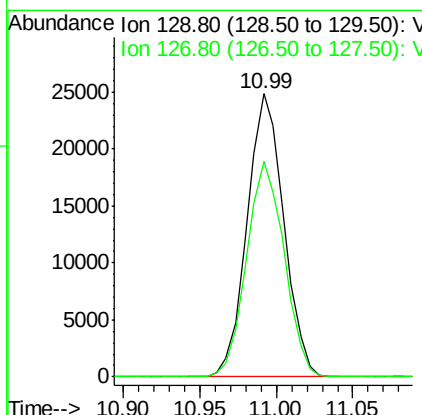
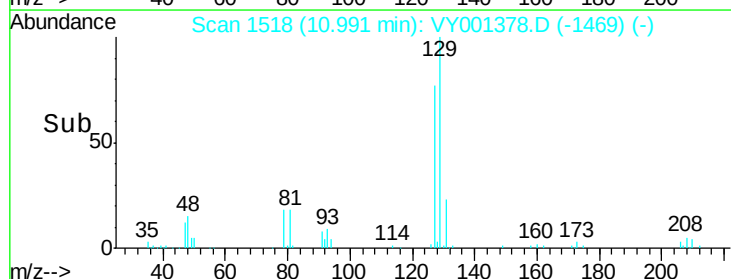
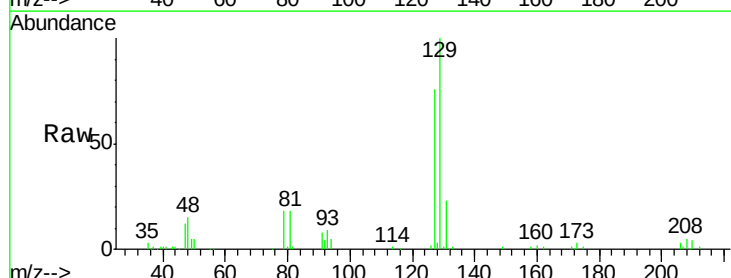
Manual Integrations  
APPROVED

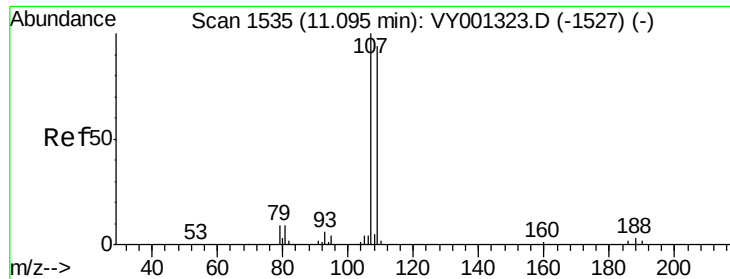
MMDadoda  
1/27/2020 12:01:43 PM



#60  
Dibromochloromethane  
Concen: 20.189 ug/l  
RT: 10.99 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Tgt Ion: 129 Resp: 41346  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.8 116.4





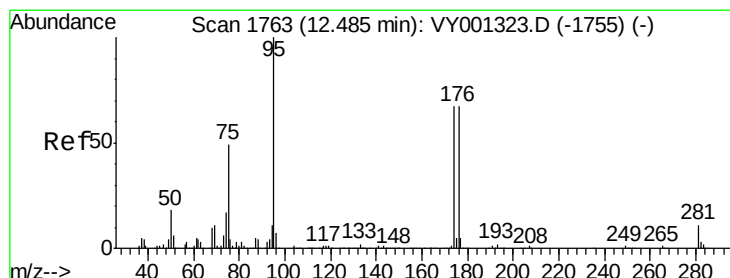
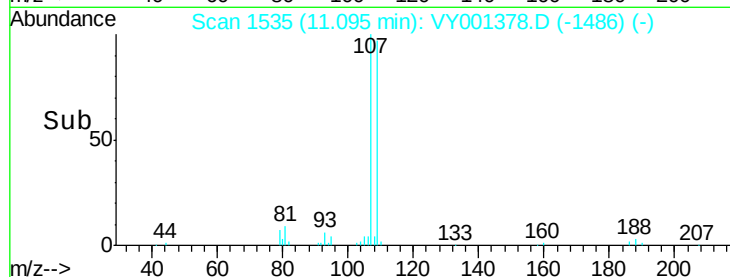
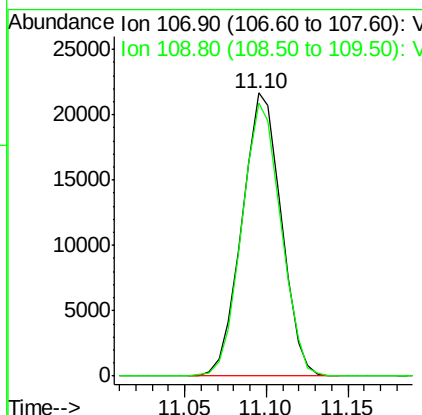
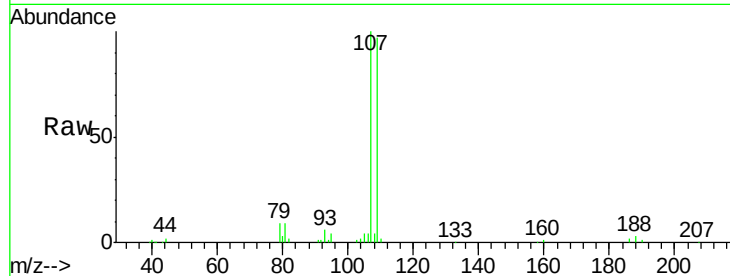
#61  
 1,2-Dibromoethane  
 Concen: 21.000 ug/l  
 RT: 11.10 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 96.4  | 75.0  | 112.6 |

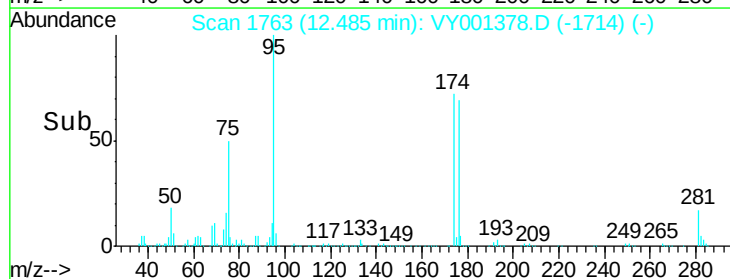
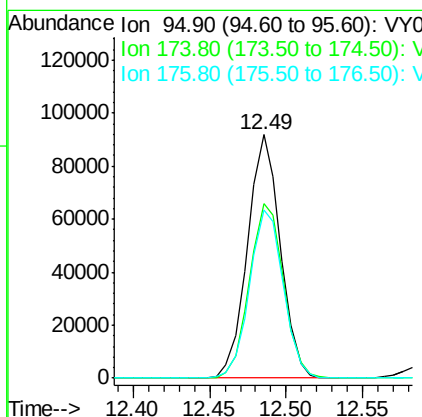
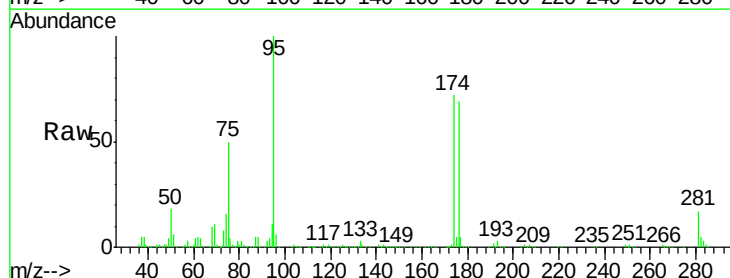
Manual Integrations  
 APPROVED

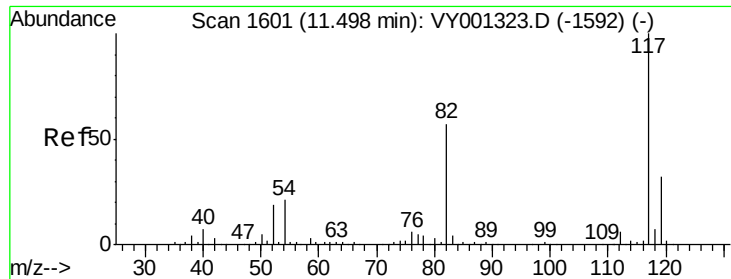
MMDadoda  
 1/27/2020 12:01:43 PM



#62  
 4-Bromofluorobenzene  
 Concen: 46.722 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 74.5  | 0.0   | 142.0 |
| 176     | 71.1  | 0.0   | 138.6 |





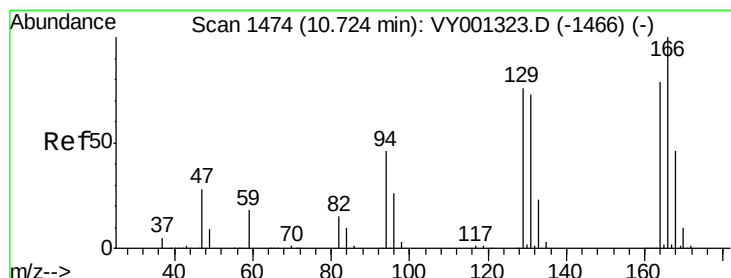
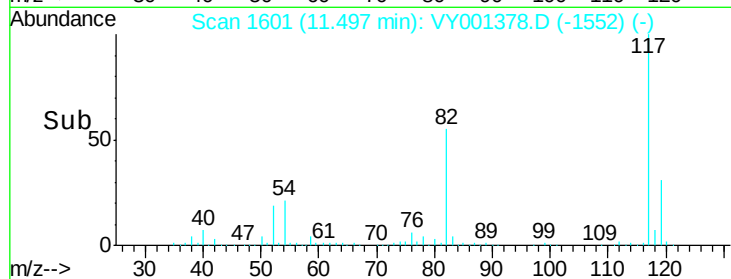
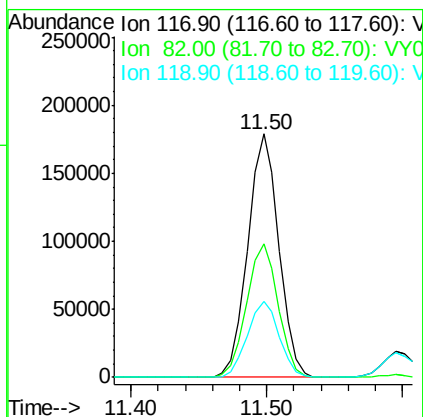
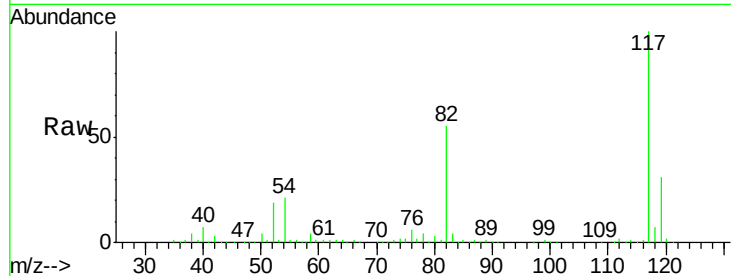
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.0  | 45.5  | 68.3  |
| 119     | 31.1  | 25.8  | 38.6  |

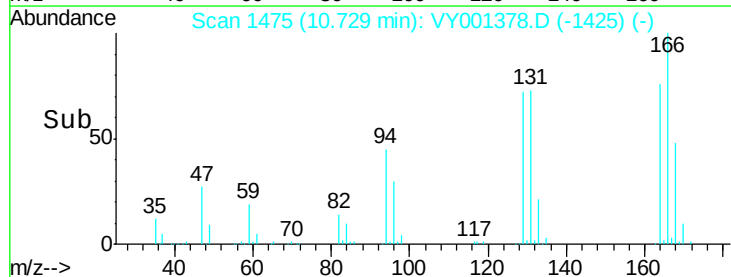
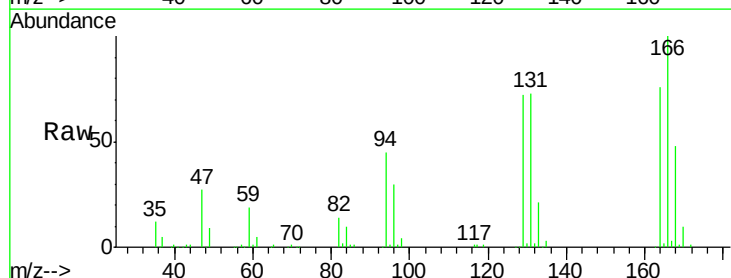
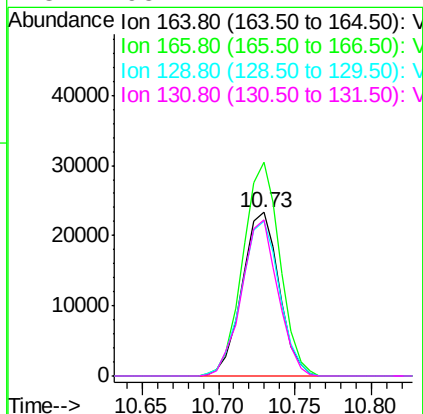
Manual Integrations  
APPROVED

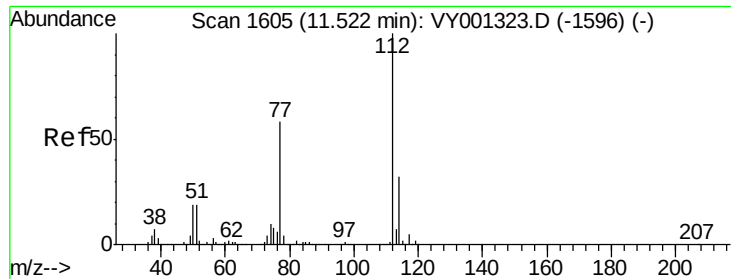
MMDadoda  
1/27/2020 12:01:43 PM



#64  
Tetrachloroethene  
Concen: 21.494 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. 0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.8 | 101.8 | 152.8 |
| 129     | 94.6  | 77.1  | 115.7 |
| 131     | 95.4  | 74.2  | 111.2 |





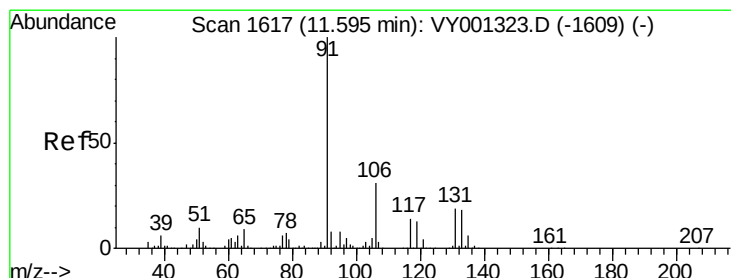
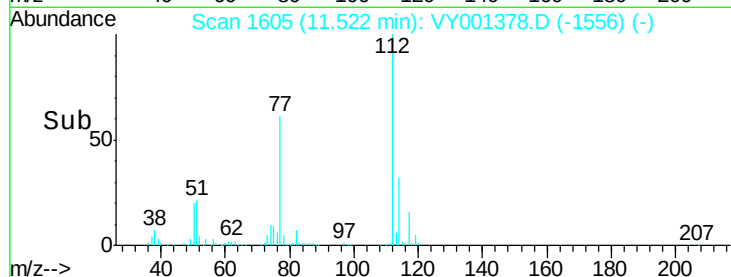
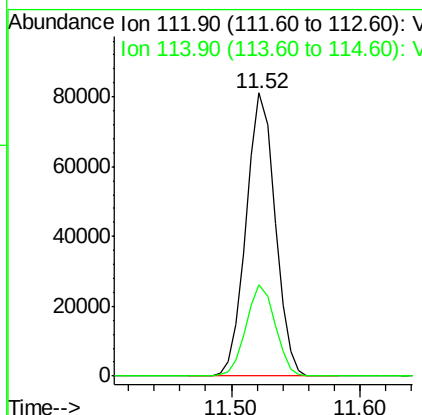
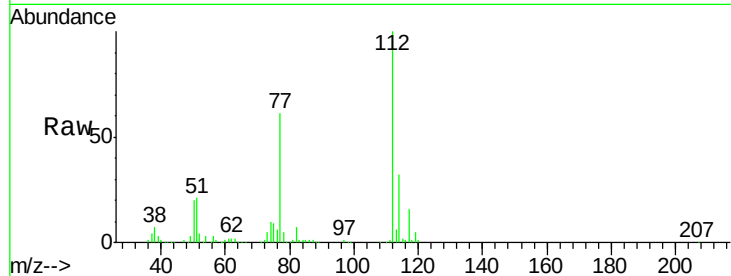
#65  
Chlorobenzene  
Concen: 20.924 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.1  | 25.8  | 38.6  |

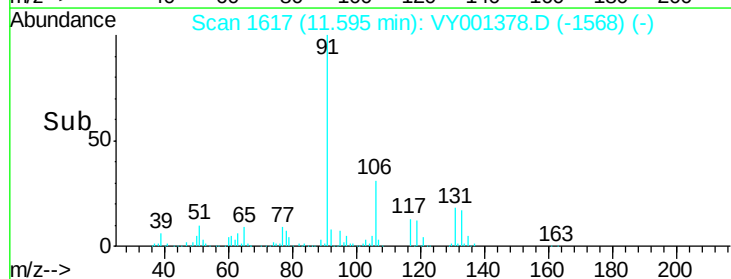
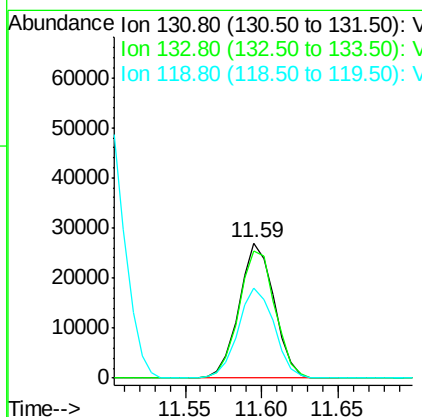
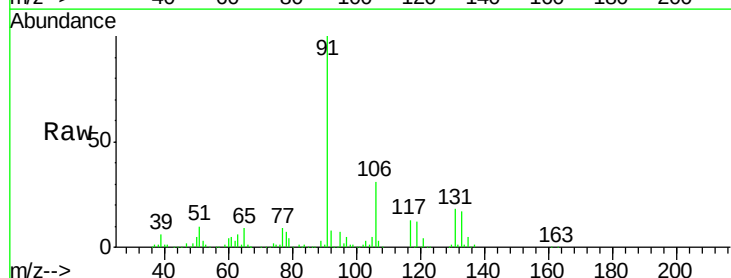
Manual Integrations  
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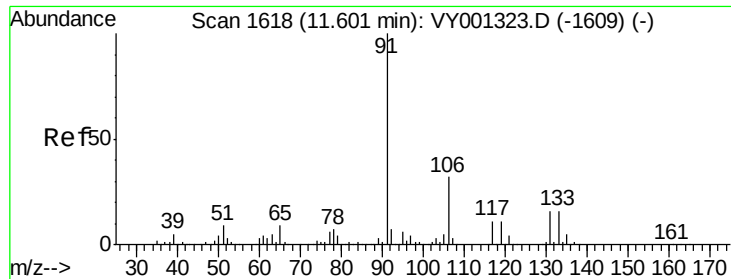
MMDadoda  
1/27/2020 12:01:43 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.923 ug/l  
RT: 11.59 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 97.3  | 47.1  | 141.3 |
| 119     | 68.2  | 34.1  | 102.2 |





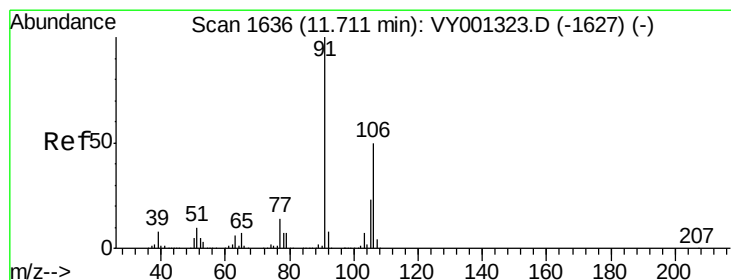
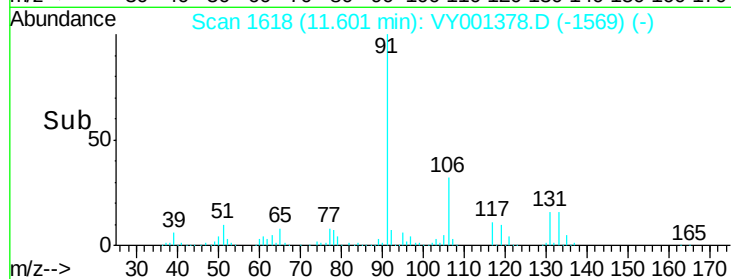
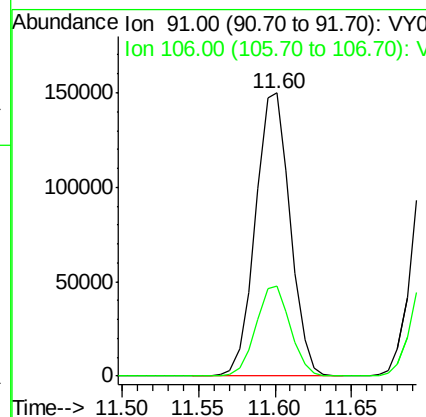
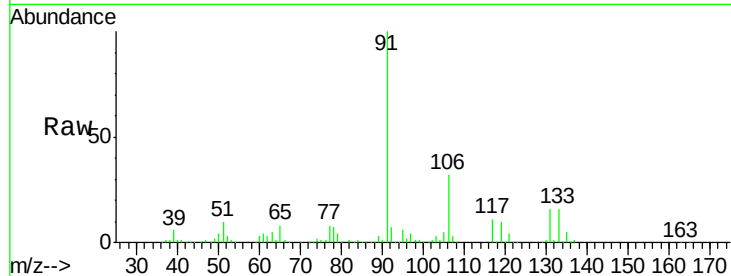
#67  
Ethyl Benzene  
Concen: 21.341 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS001

Tot Ion: 91 Resp: 236627  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.4 38.0

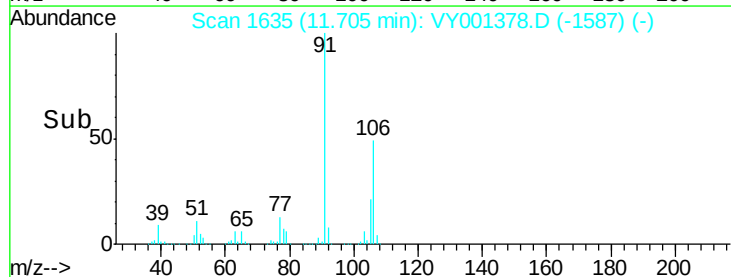
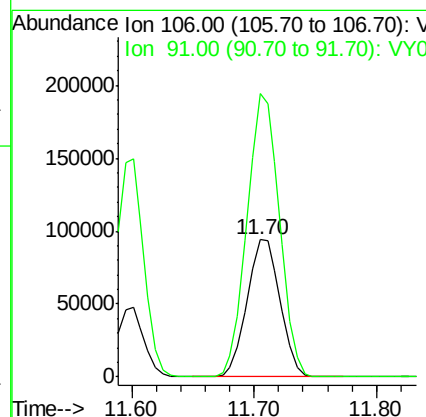
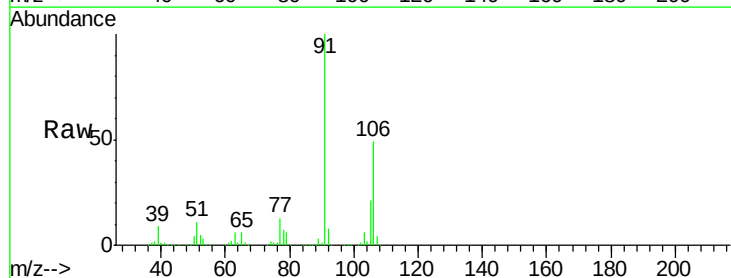
Manual Integrations  
APPROVED

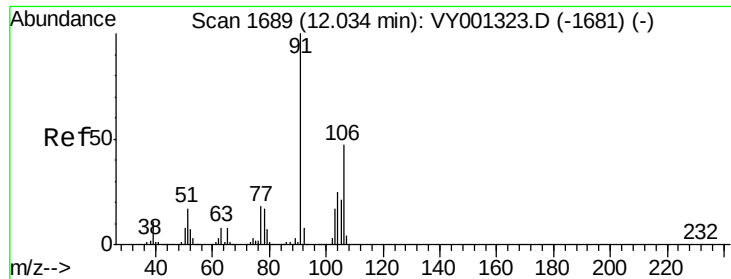
MMDadoda  
1/27/2020 12:01:43 PM



#68  
m/p-Xylenes  
Concen: 42.800 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Tgt Ion: 106 Resp: 177247  
Ion Ratio Lower Upper  
106 100  
91 201.9 162.8 244.2





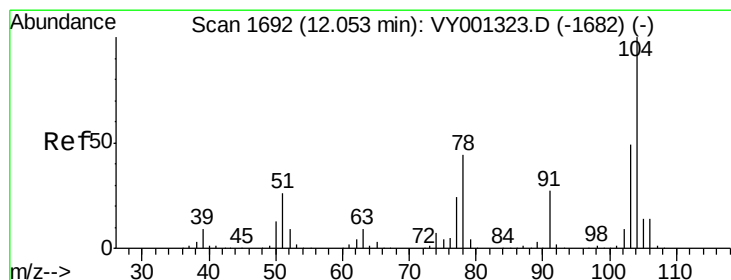
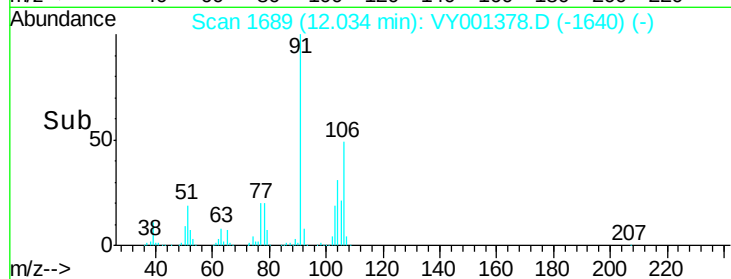
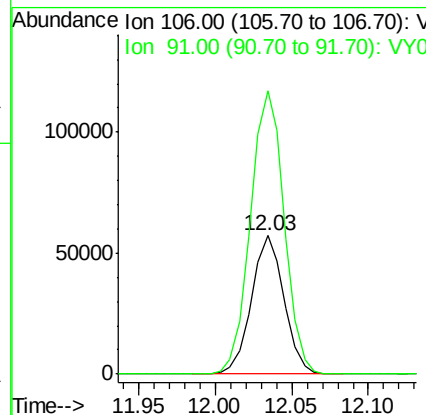
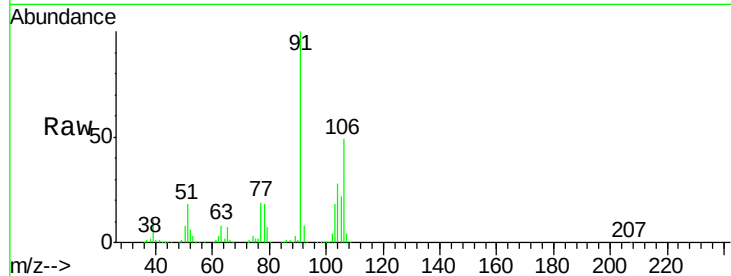
#69  
o-Xylene  
Concen: 21.239 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

Tot Ion:106 Resp: 84613  
Ion Ratio Lower Upper  
106 100  
91 211.6 106.3 319.0

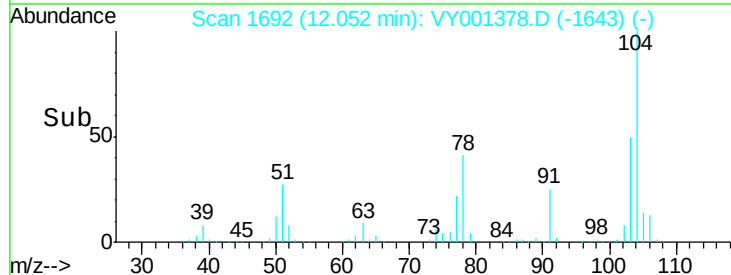
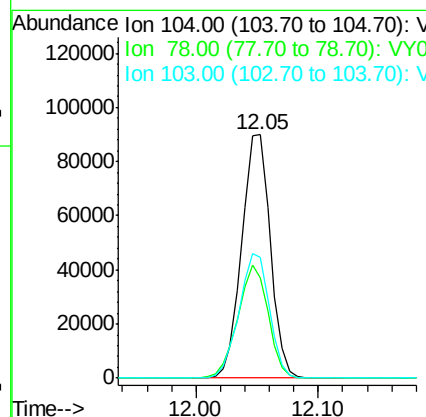
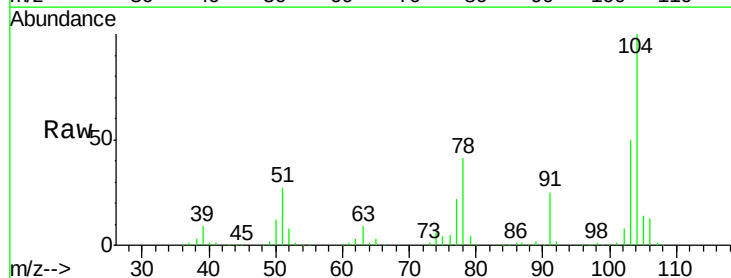
Manual Integrations  
APPROVED

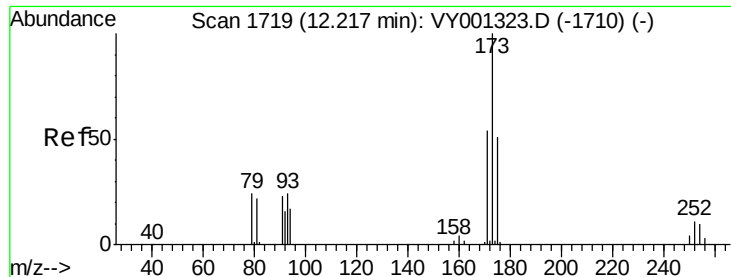
MMDadoda  
1/27/2020 12:01:43 PM



#70  
Styrene  
Concen: 20.881 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Tgt Ion:104 Resp: 145957  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.8 59.8  
103 54.1 43.2 64.8





#71

Bromoform

Concen: 19.924 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion:173 Resp: 24421

Ion Ratio Lower Upper

173 100

175 49.9 24.3 72.9

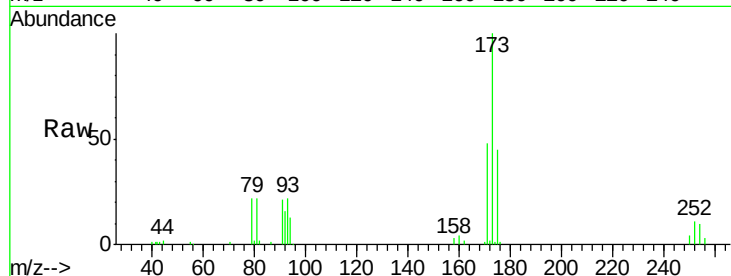
254 0.0 0.0 0.0

Manual Integrations

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MMDadoda

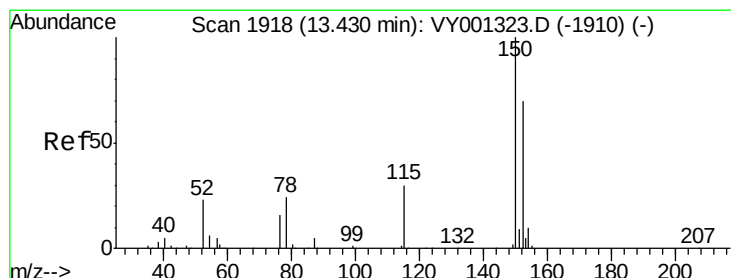
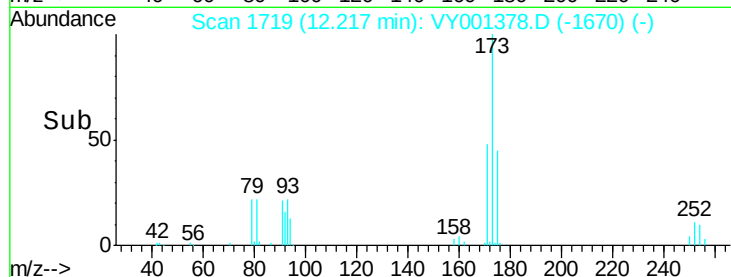
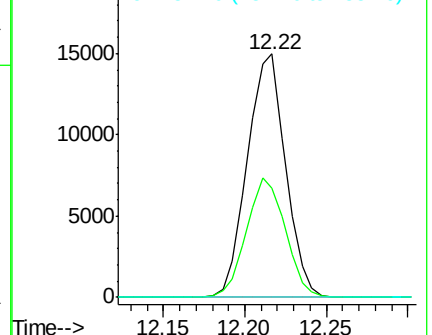
1/27/2020 12:01:43 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

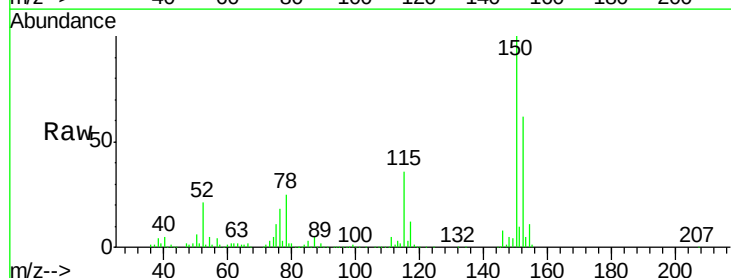
Tgt Ion:152 Resp: 137552

Ion Ratio Lower Upper

152 100

115 60.4 30.9 92.8

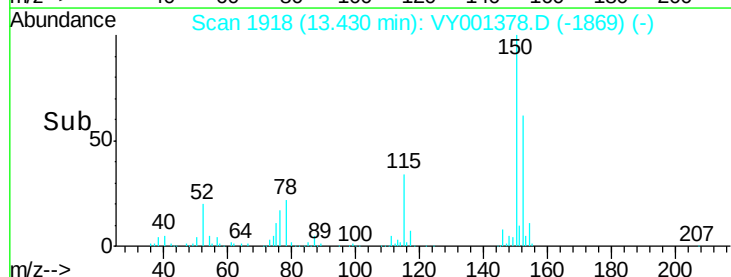
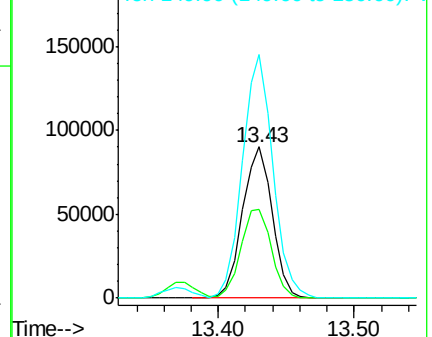
150 165.1 0.0 349.2



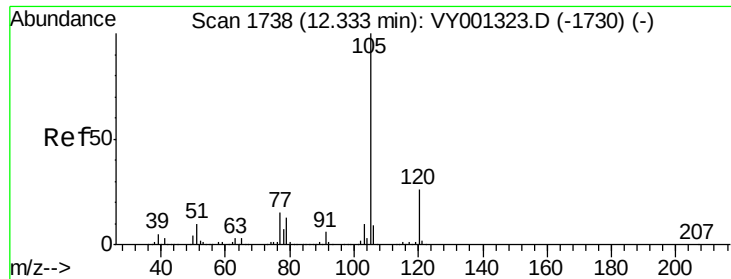
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 20.909 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion:105 Resp: 226942

Ion Ratio Lower Upper

105 100

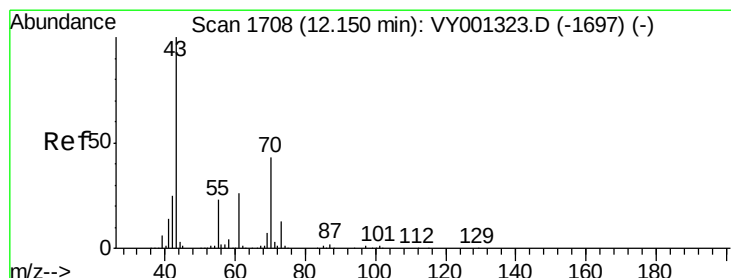
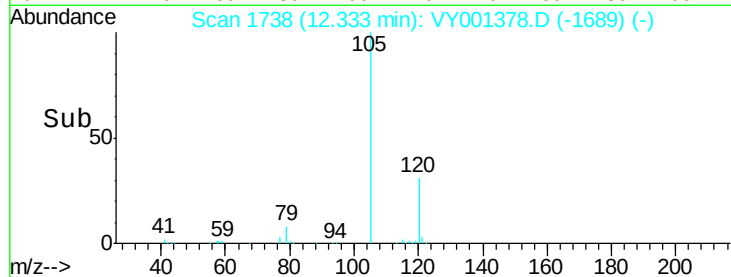
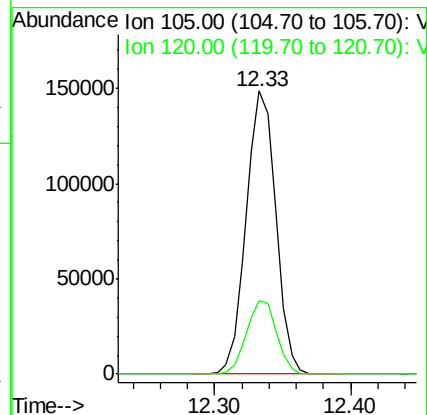
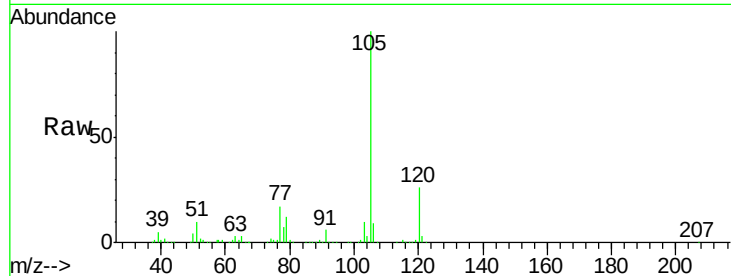
120 26.4 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.628 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Tgt Ion: 43 Resp: 73287

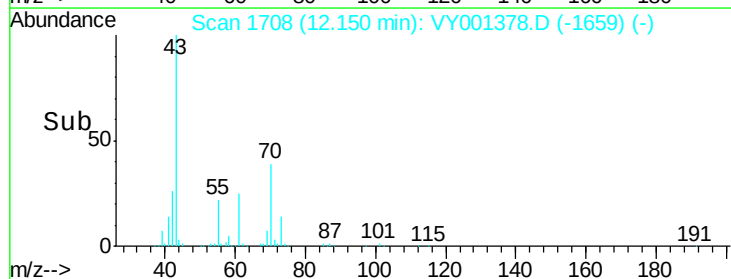
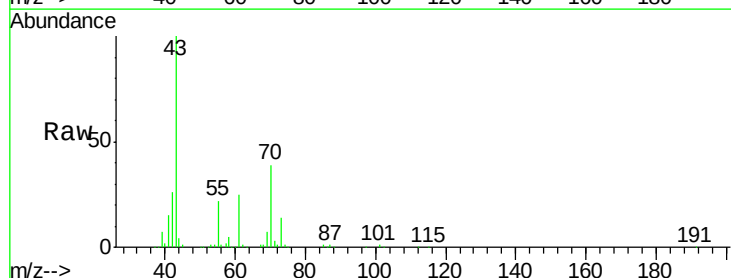
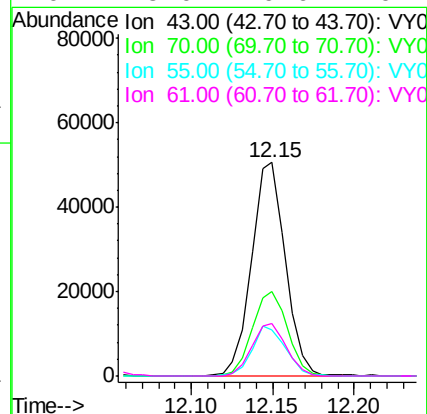
Ion Ratio Lower Upper

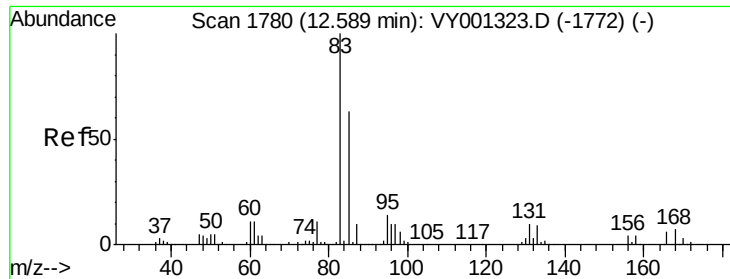
43 100

70 41.1 33.5 50.3

55 23.2 18.2 27.2

61 25.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.423 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

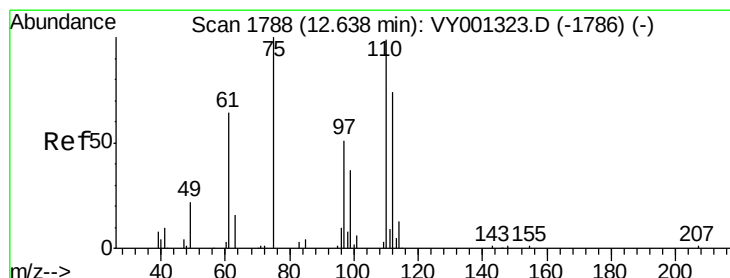
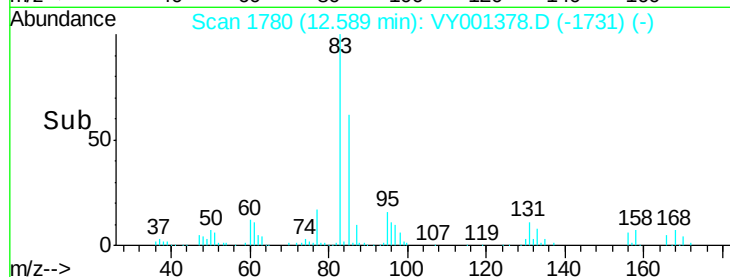
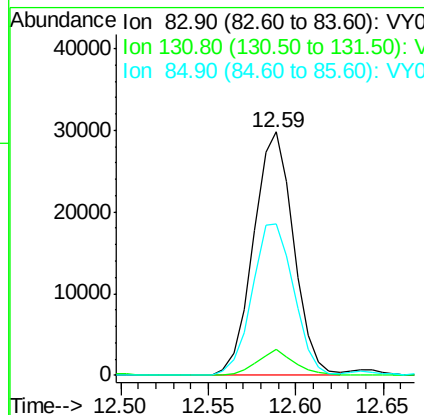
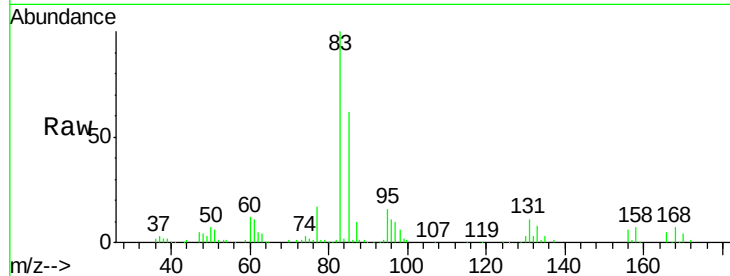
ClientSampleId :

VY0124SBS01

| Tot Ion | 83    | Resp  | 47473 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 131     | 10.0  | 4.9   | 14.6  |
| 85      | 64.7  | 31.4  | 94.3  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 19.580 ug/l m

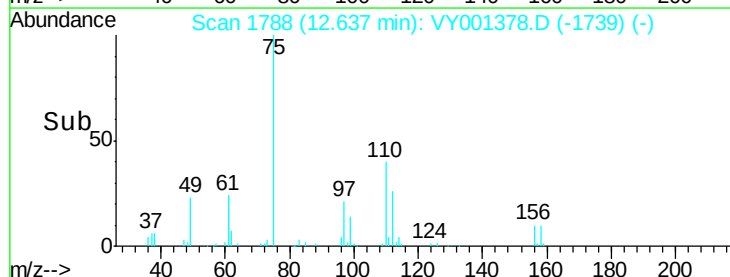
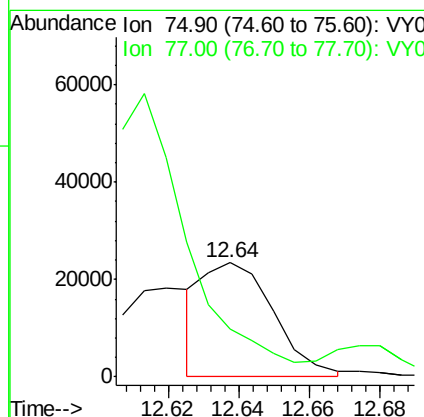
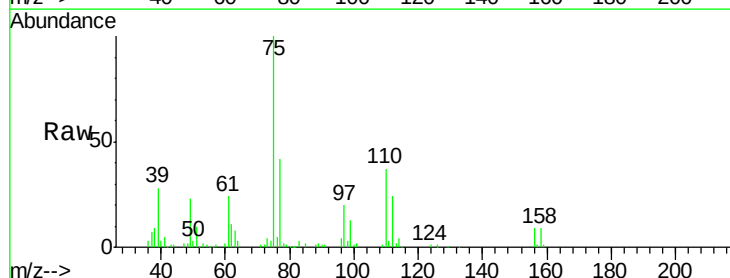
RT: 12.64 min Scan# 1788

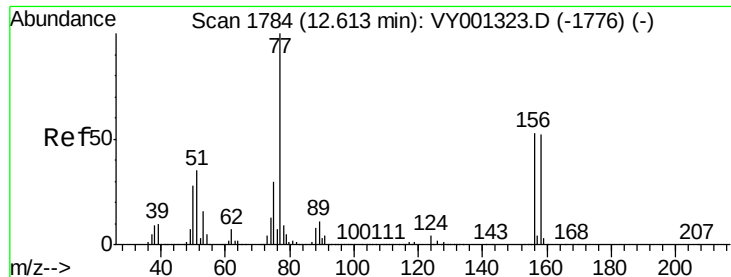
Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

| Tgt Ion | 75    | Resp  | 32454 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 75      | 100   |       |       |
| 77      | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.230 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

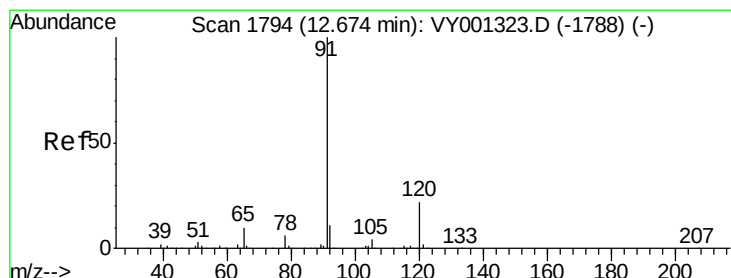
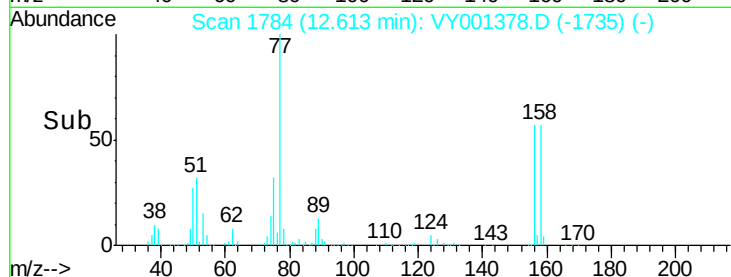
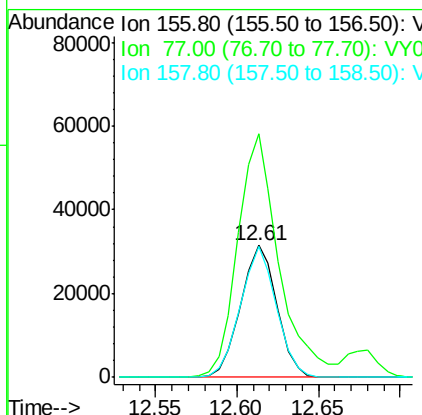
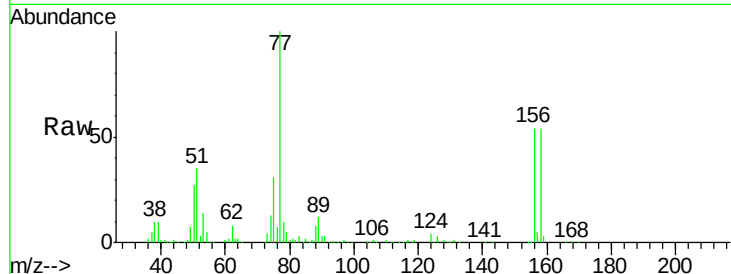
ClientSampleId :

VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 208.7 | 104.7 | 313.9 |
| 158     | 98.2  | 48.6  | 145.8 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 21.223 ug/l

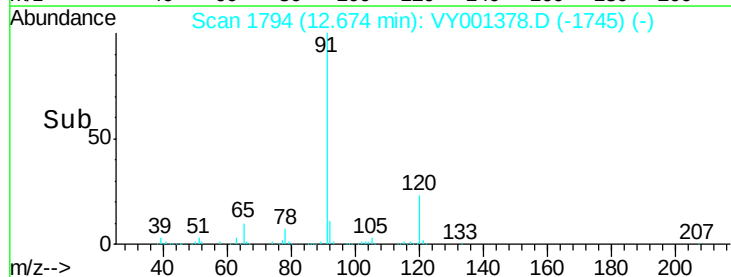
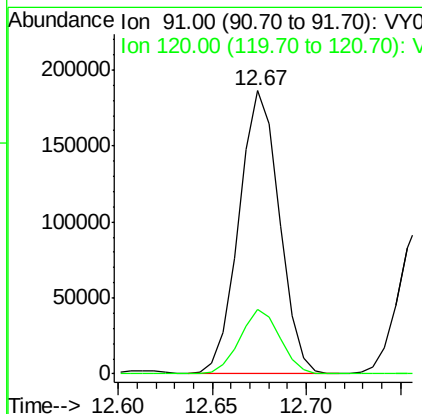
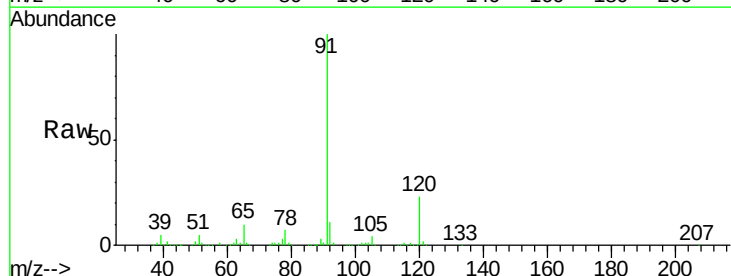
RT: 12.67 min Scan# 1794

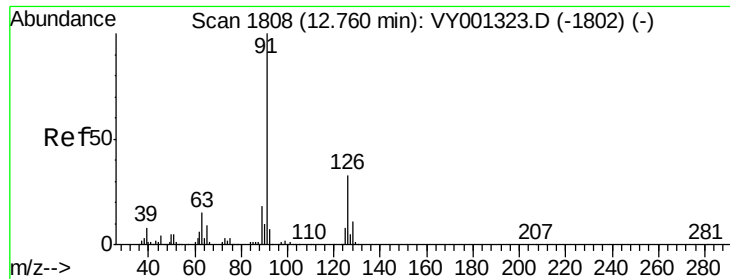
Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

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





#79

2-Chlorotoluene

Concen: 20.709 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 91 Resp: 154561

Ion Ratio Lower Upper

91 100

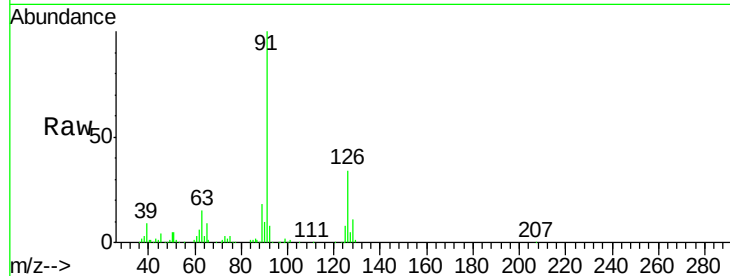
126 33.6 16.6 49.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY001378.D (-1759) (-)

Ion 125.90 (125.60 to 126.60): VY001378.D (-1759) (-)

150000

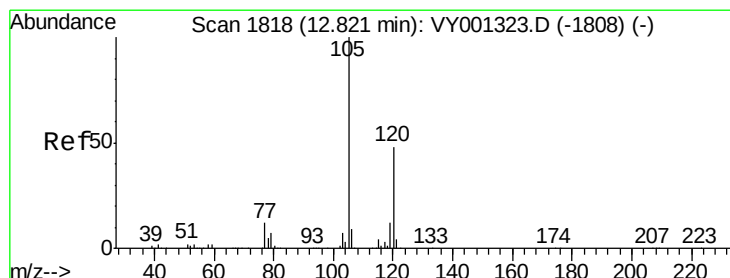
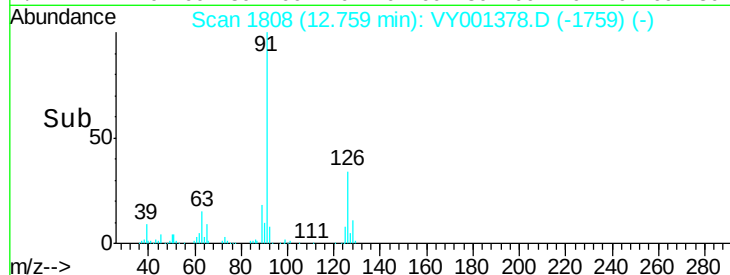
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.151 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001378.D

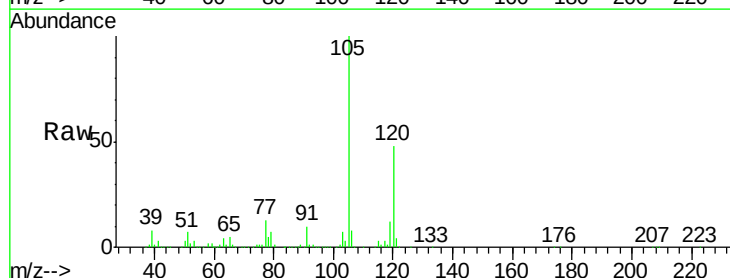
Acq: 24 Jan 2020 13:43

Tgt Ion: 105 Resp: 191631

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001378.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001378.D (-1769) (-)

150000

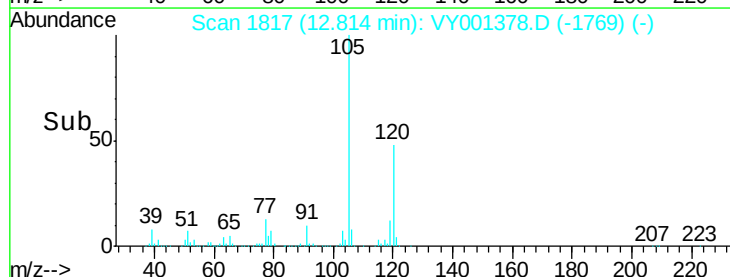
100000

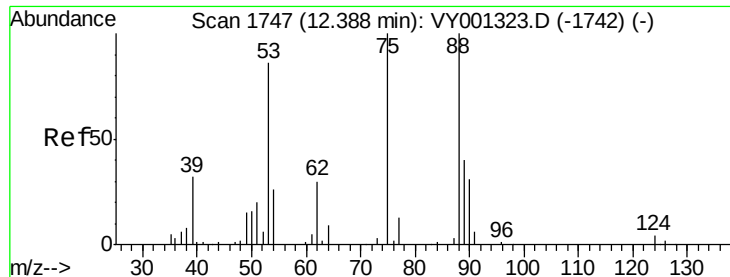
50000

0

12.75 12.80 12.85 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.466 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 75 Resp: 17050

Ion Ratio Lower Upper

75 100

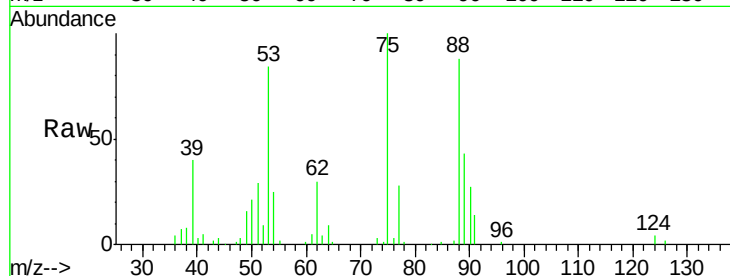
53 92.9 69.9 104.9

89 46.7 36.6 54.8

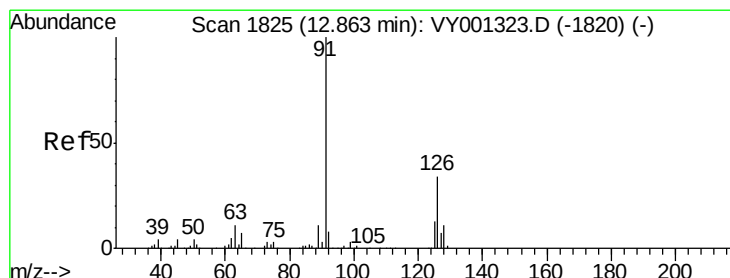
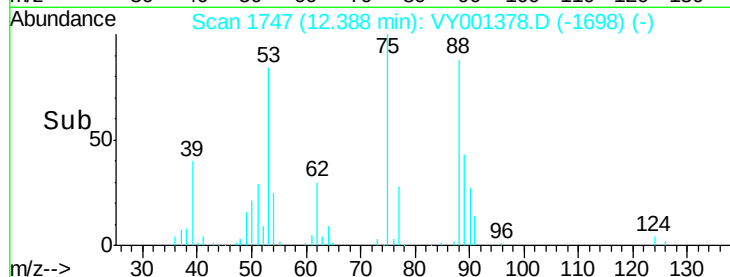
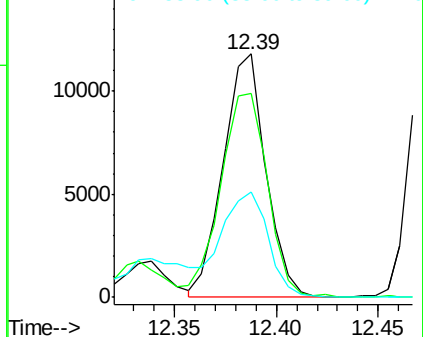
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Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 53.00 (52.70 to 53.70): VY0  
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.797 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001378.D

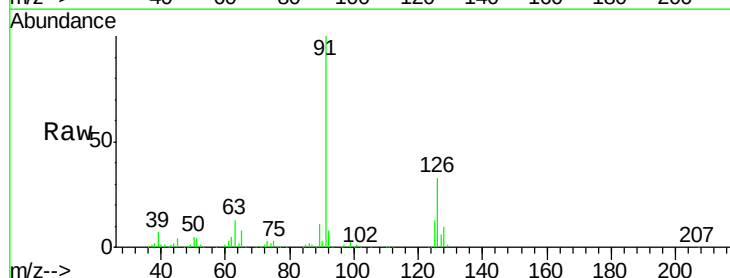
Acq: 24 Jan 2020 13:43

Tgt Ion: 91 Resp: 165800

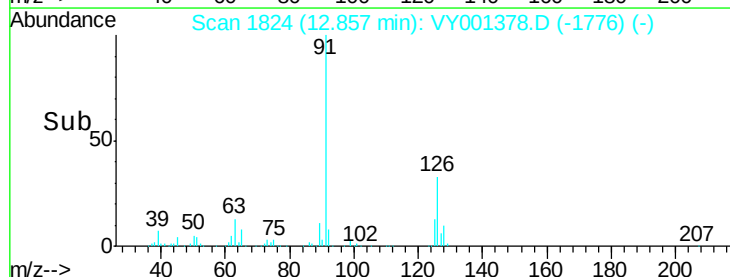
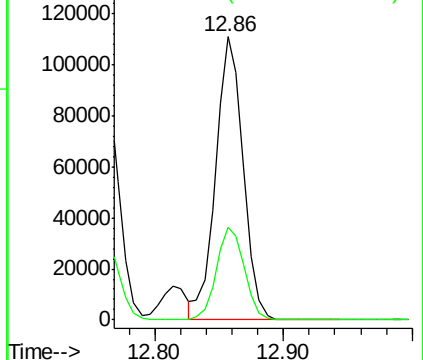
Ion Ratio Lower Upper

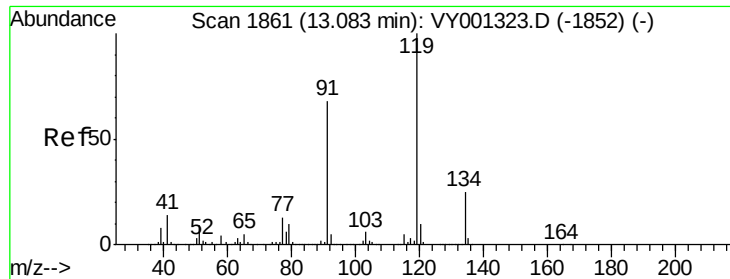
91 100

126 33.1 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 125.90 (125.60 to 126.60): V





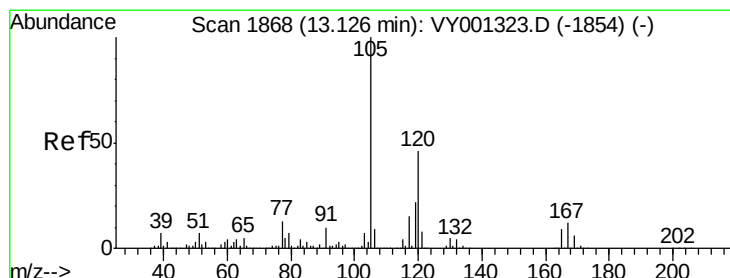
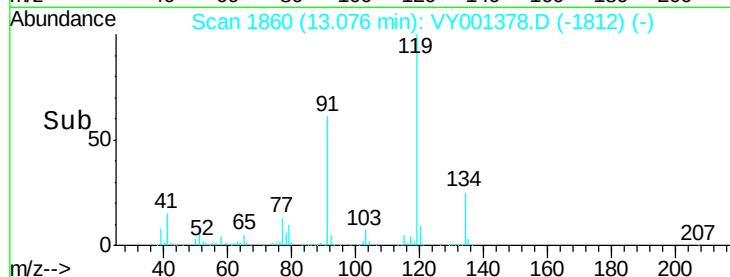
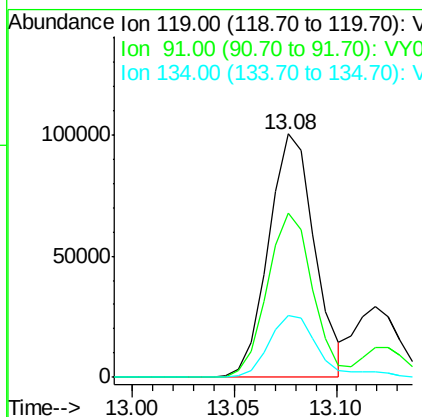
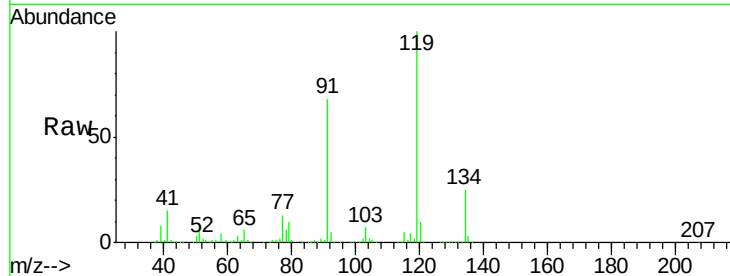
#83  
tert-Butylbenzene  
Concen: 20.707 ug/l  
RT: 13.08 min Scan# 1860  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 158143 |       |       |
| 91      | 67.1  | 33.0   | 99.0  |       |
| 134     | 27.5  | 13.3   | 39.9  |       |

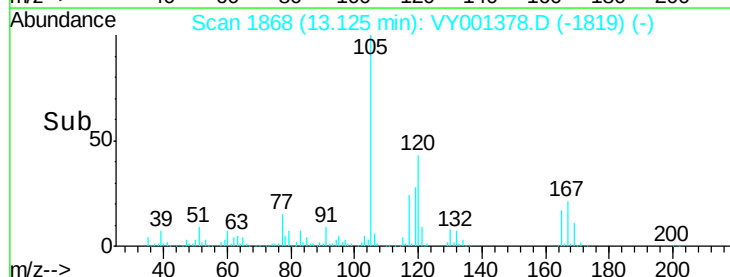
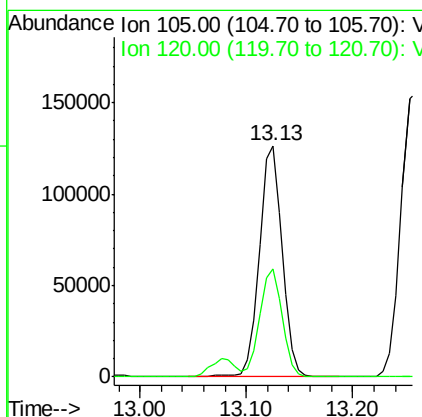
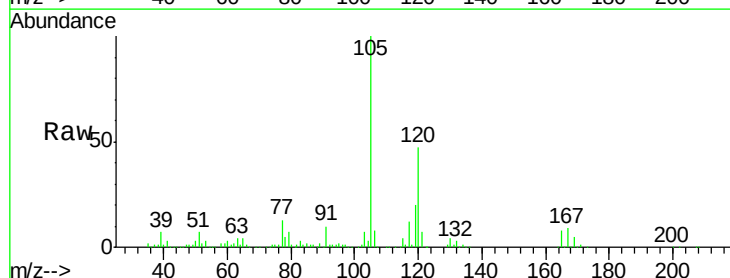
Manual Integrations  
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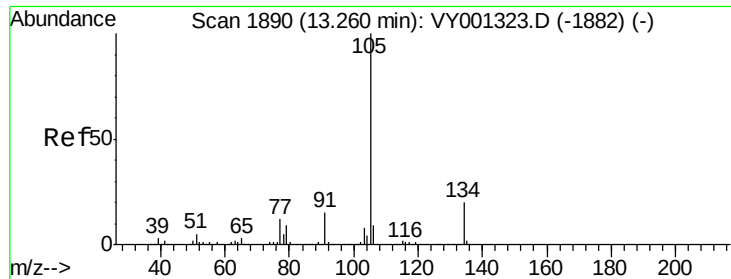
MMDadoda  
1/27/2020 12:01:43 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 20.859 ug/l  
RT: 13.13 min Scan# 1868  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 189731 |       |       |
| 120     | 46.1  | 22.4   | 67.3  |       |





#85

sec-Butylbenzene

Concen: 21.610 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

ClientSampleId :

VY0124SBS01

Tot Ion:105 Resp: 234478

Ion Ratio Lower Upper

105 100

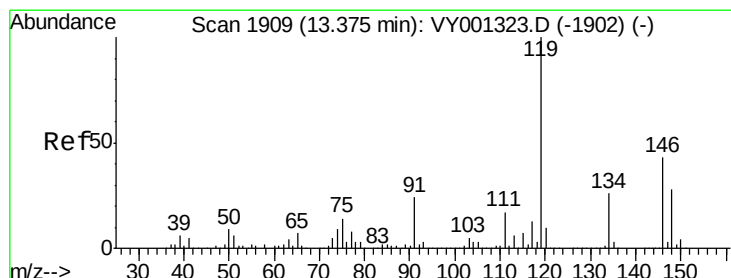
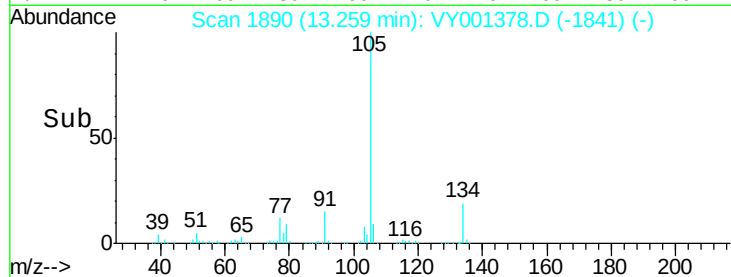
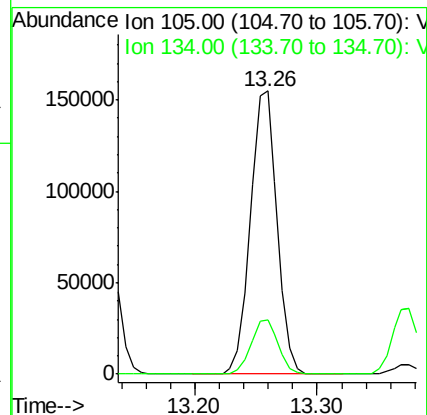
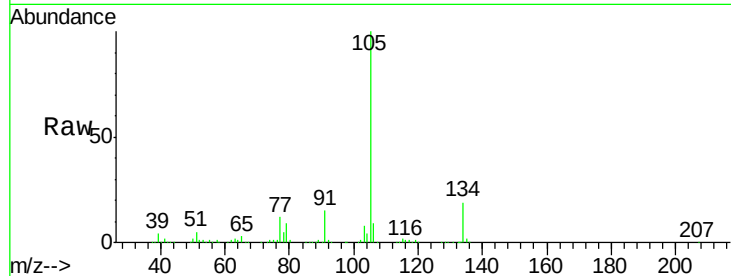
134 19.5 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.749 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

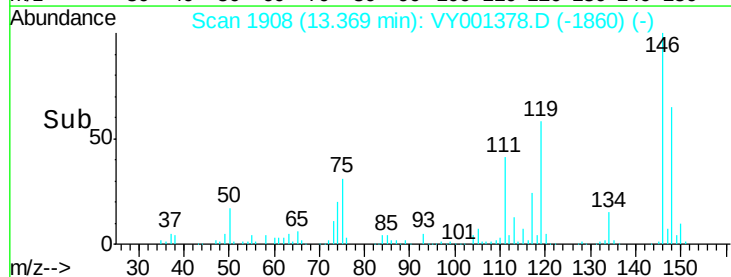
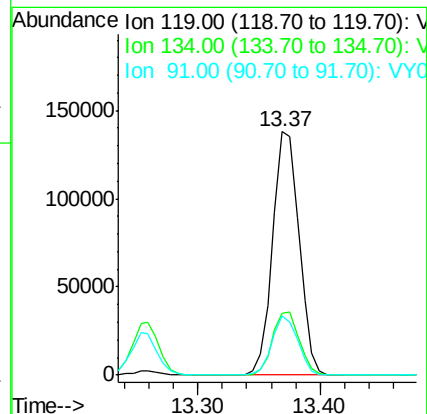
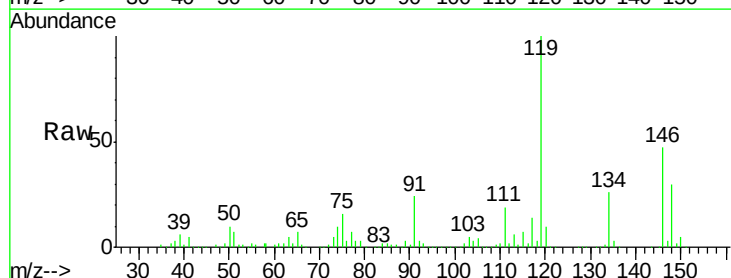
Tgt Ion:119 Resp: 207961

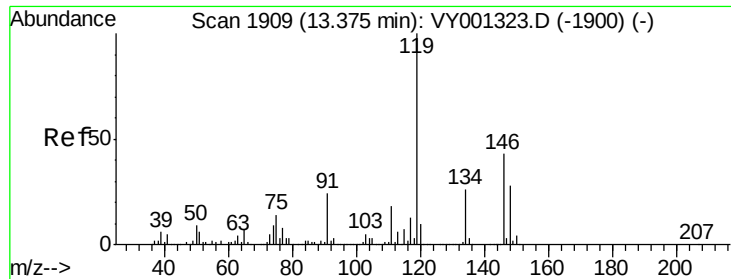
Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 23.4 12.2 36.6





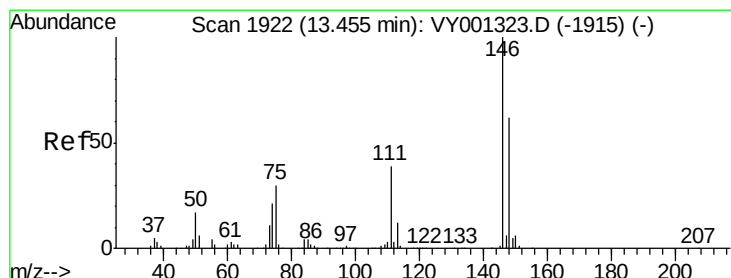
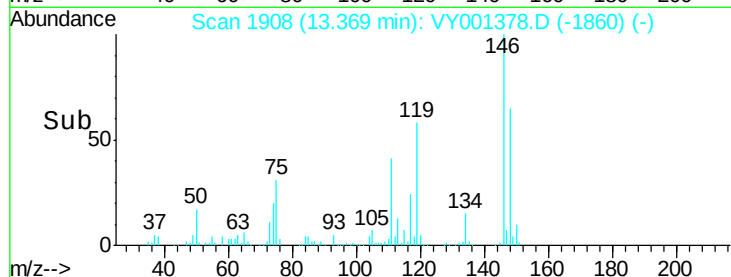
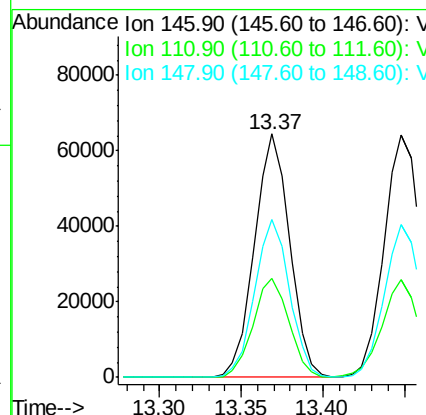
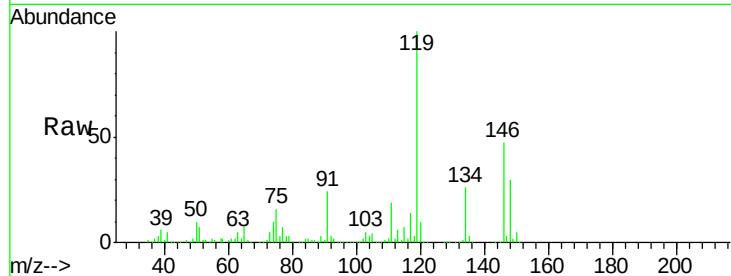
#87  
 1,3-Dichlorobenzene  
 Concen: 20.929 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.01 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 20.6  | 61.8  |
| 148     | 64.4  | 31.6  | 95.0  |

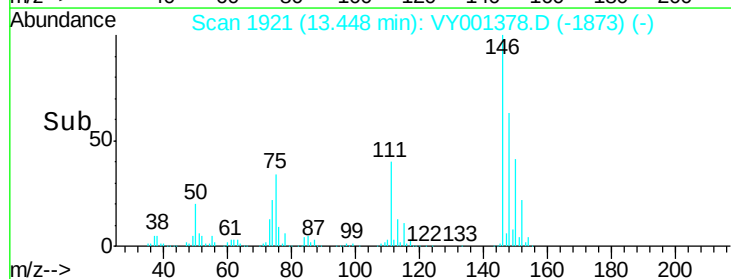
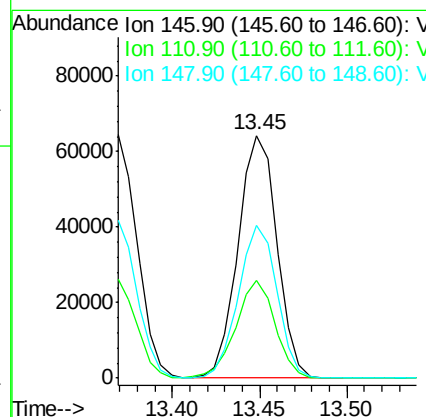
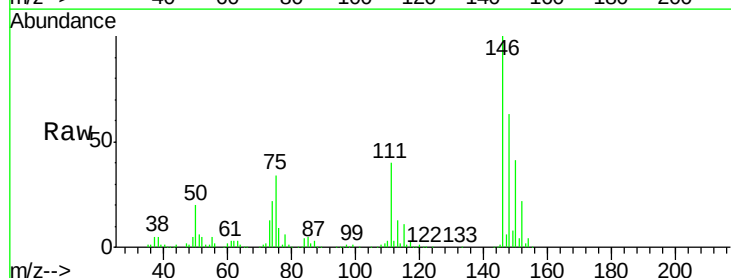
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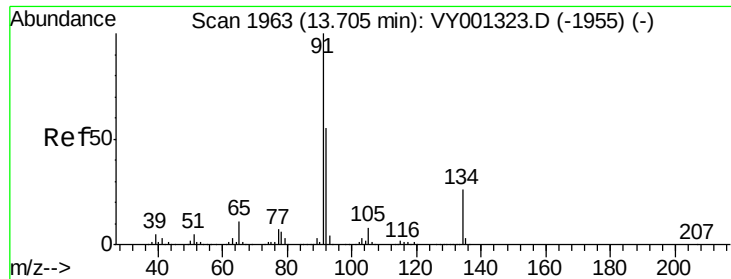


#88  
 1,4-Dichlorobenzene  
 Concen: 21.209 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.5  | 61.5  |
| 148     | 62.5  | 31.6  | 95.0  |







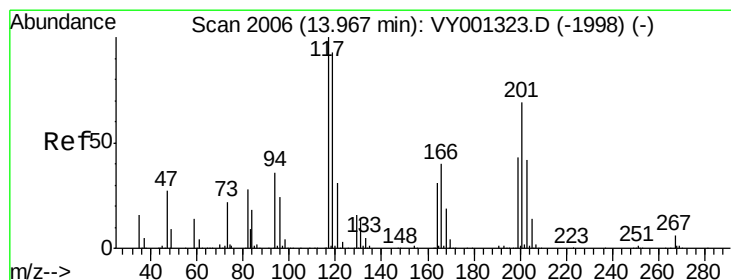
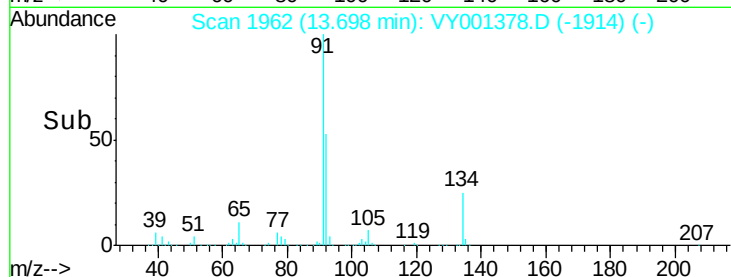
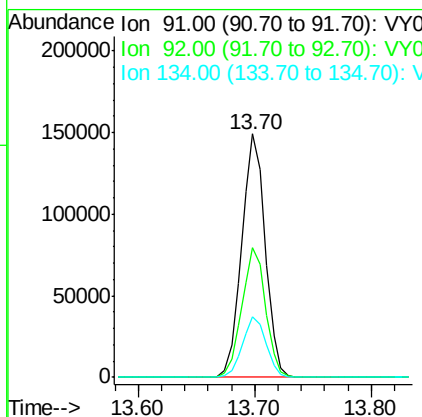
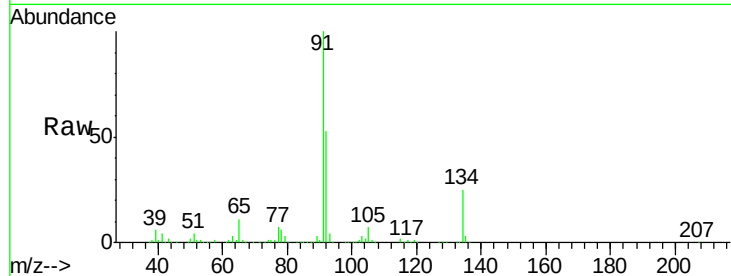
#89  
n-Butylbenzene  
Concen: 21.811 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 209893 |       |       |
| 92      | 53.9  |        | 27.6  | 82.8  |
| 134     | 25.0  |        | 12.9  | 38.6  |

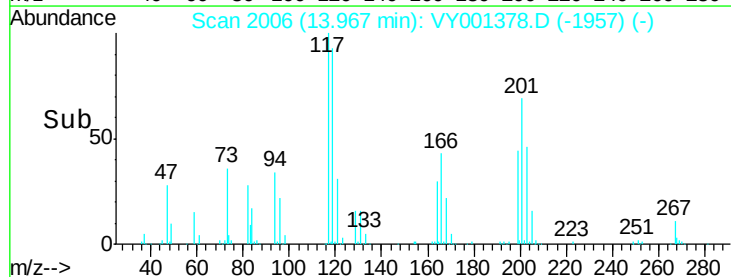
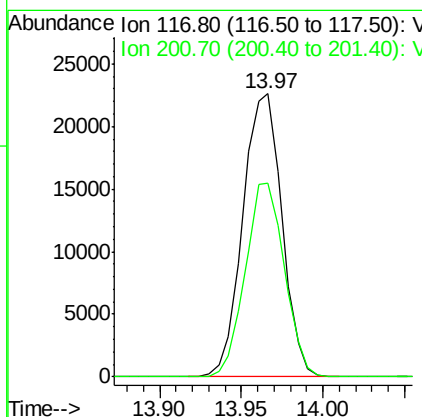
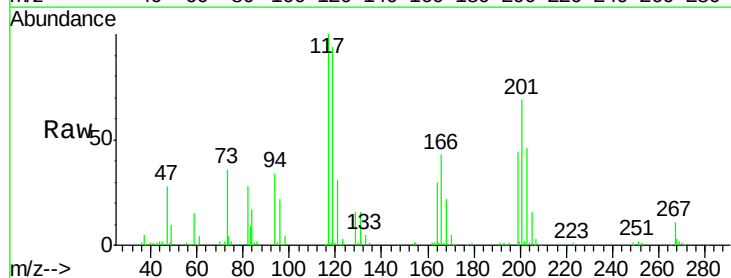
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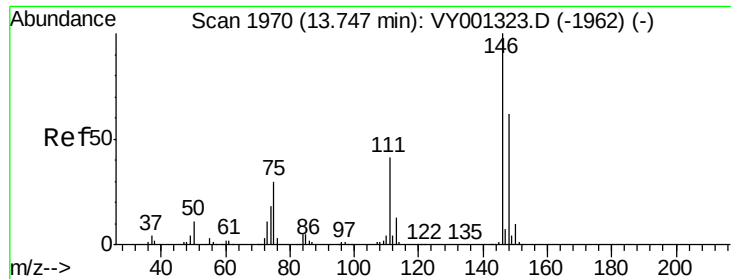
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#90  
Hexachloroethane  
Concen: 20.835 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. -0.00 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 37763 |       |       |
| 201     | 68.5  |       | 34.6  | 103.8 |





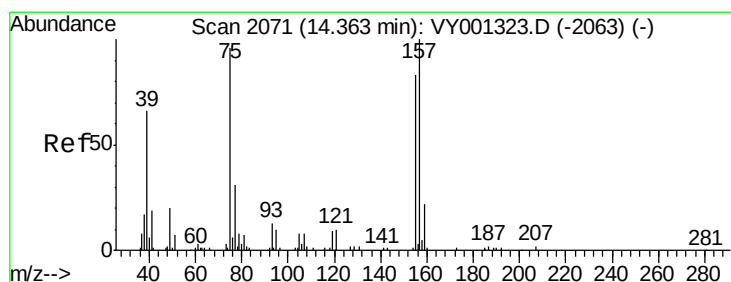
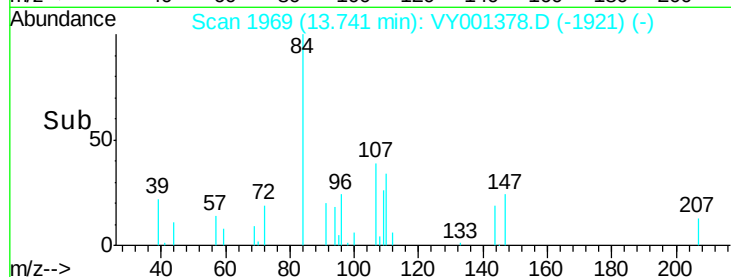
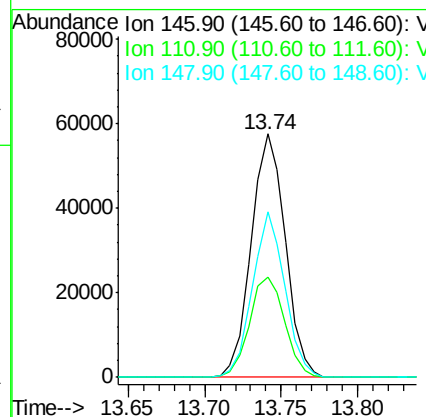
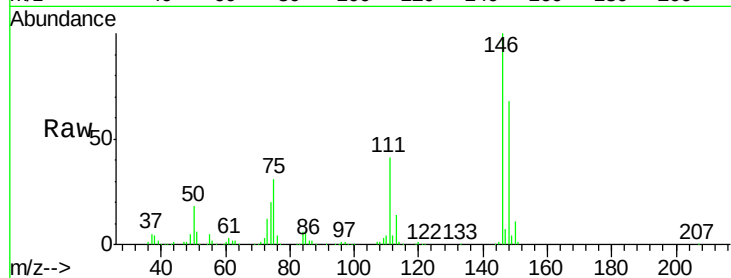
#91  
 1,2-Dichlorobenzene  
 Concen: 20.906 ug/l  
 RT: 13.74 min Scan# 1969  
 Delta R.T. -0.01 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.6  | 21.1  | 63.4  |
| 148     | 64.4  | 31.5  | 94.5  |

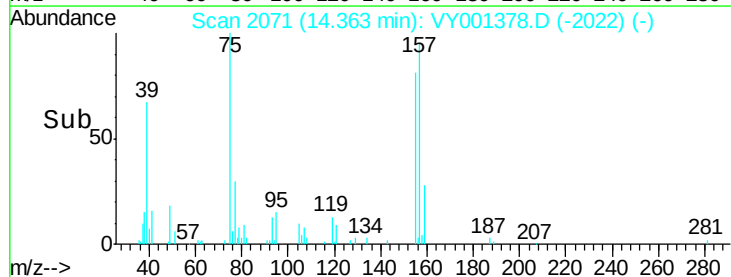
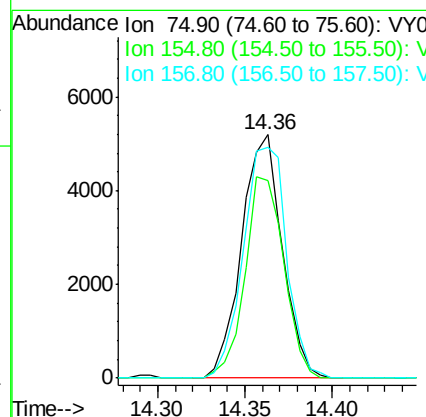
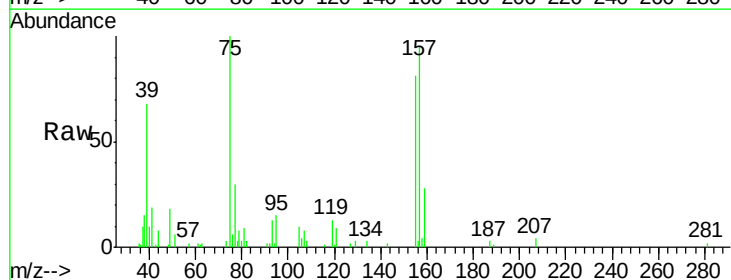
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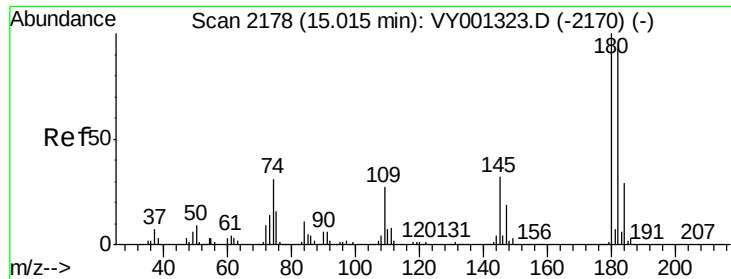
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.882 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VY001378.D  
 Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.1  | 43.0  | 129.2 |
| 157     | 101.4 | 53.3  | 160.0 |





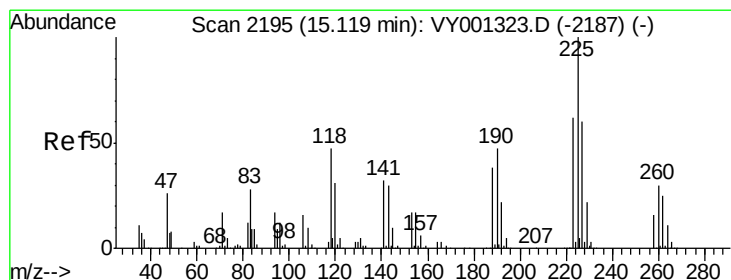
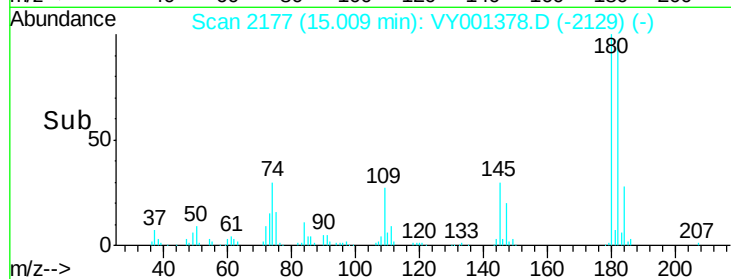
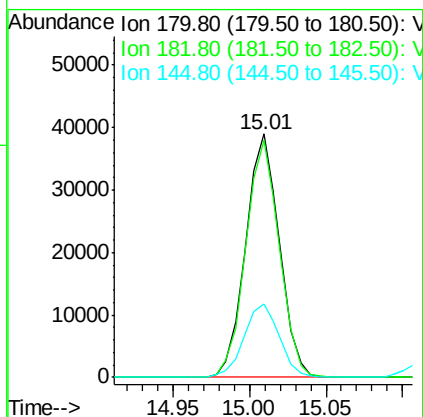
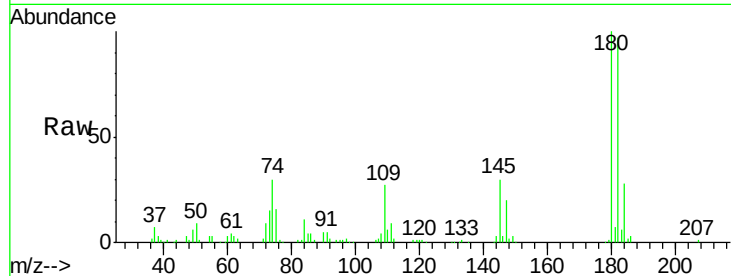
#93  
1,2,4-Trichlorobenzene  
Concen: 20.822 ug/l  
RT: 15.01 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.7  | 47.6  | 142.8 |
| 145     | 31.6  | 16.3  | 48.9  |

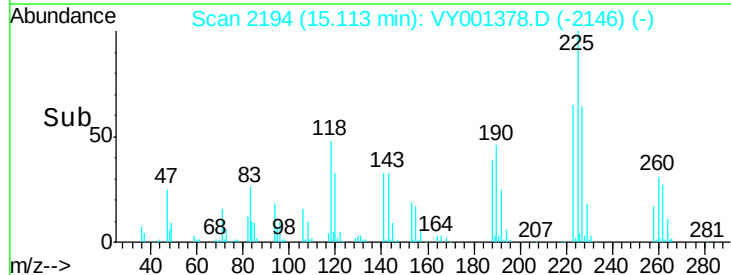
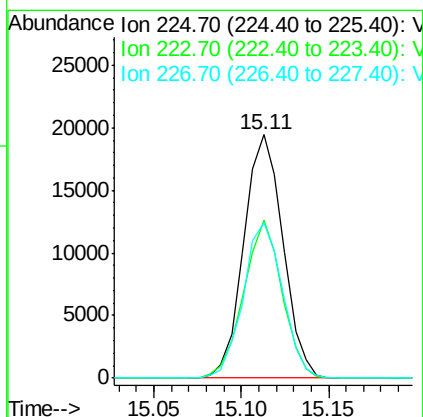
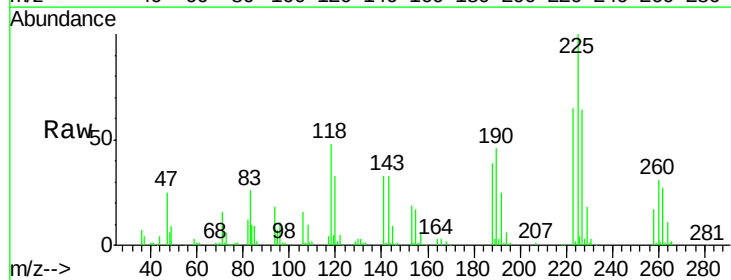
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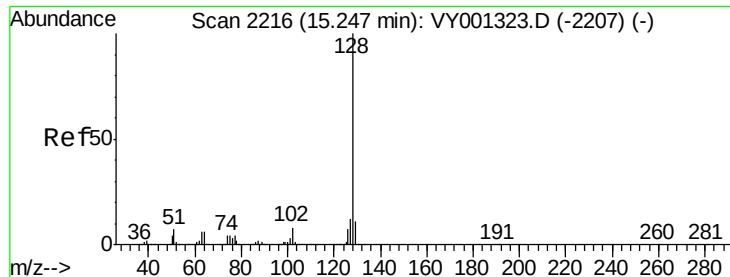
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#94  
Hexachlorobutadiene  
Concen: 21.662 ug/l  
RT: 15.11 min Scan# 2194  
Delta R.T. -0.01 min  
Lab File: VY001378.D  
Acq: 24 Jan 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.7  | 31.2  | 93.6  |
| 227     | 64.0  | 31.0  | 93.0  |





#95

Naphthalene

Concen: 20.914 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

Instrument :

MSVOA\_Y

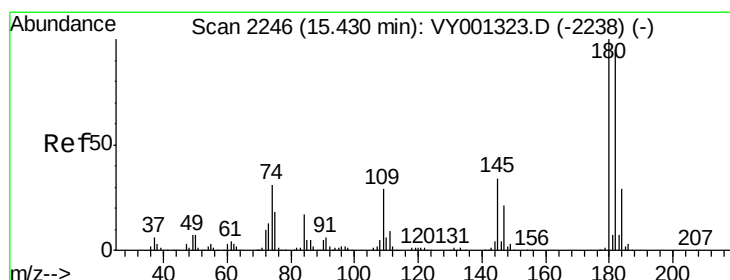
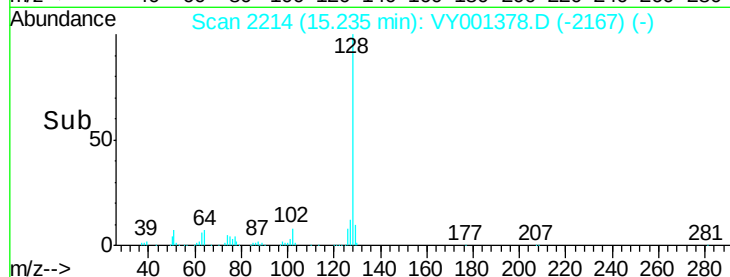
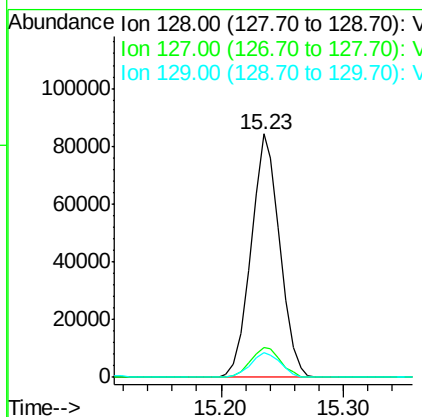
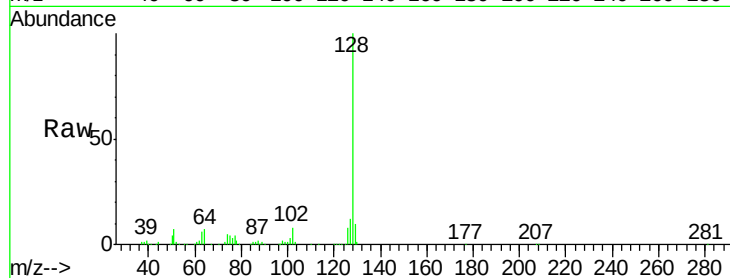
ClientSampleId :

VY0124SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 137048 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.7  | 10.2  | 15.2   |
| 129       | 10.6  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 21.171 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY001378.D

Acq: 24 Jan 2020 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 53222 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.7  | 47.3  | 141.8 |
| 145       | 33.5  | 16.8  | 50.3  |

