

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\  
 Data File : VY001192.D  
 Acq On : 14 Jan 2020 10:39  
 Operator : SY/MD  
 Sample : VY0114SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2020 9:30:21 AM

Quant Time: Jan 15 02:30:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 200142   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 344960   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 307240   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 147012   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 101404   | 47.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.94%  |      |
| 35) Dibromofluoromethane  | 7.72   | 113 | 95951    | 47.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.02%  |      |
| 50) Toluene-d8            | 10.18  | 98  | 391885   | 50.36 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.72% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 148050   | 46.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.06%  |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 34448  | 22.411  | ug/l | 97     |
| 3) Chloromethane              | 2.12 | 50  | 45787  | 20.666  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.26 | 62  | 49546  | 22.198  | ug/l | 93     |
| 5) Bromomethane               | 2.65 | 94  | 31778  | 26.505  | ug/l | 94     |
| 6) Chloroethane               | 2.80 | 64  | 31030  | 24.063  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 62957  | 20.264  | ug/l | 98     |
| 8) Diethyl Ether              | 3.54 | 74  | 25504  | 21.126  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 40616  | 20.309  | ug/l | 99     |
| 10) Methyl Iodide             | 4.10 | 142 | 53176  | 19.426  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.97 | 59  | 24897  | 117.062 | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 43427  | 21.225  | ug/l | 93     |
| 13) Acrolein                  | 3.74 | 56  | 18415  | 96.178  | ug/l | 97     |
| 14) Allyl chloride            | 4.49 | 41  | 73084  | 21.164  | ug/l | 100    |
| 15) Acrylonitrile             | 5.18 | 53  | 64360  | 106.596 | ug/l | 98     |
| 16) Acetone                   | 3.96 | 43  | 51347  | 104.593 | ug/l | 96     |
| 17) Carbon Disulfide          | 4.20 | 76  | 139776 | 21.108  | ug/l | 99     |
| 18) Methyl Acetate            | 4.49 | 43  | 34215  | 21.080  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 118612 | 20.958  | ug/l | 97     |
| 20) Methylene Chloride        | 4.72 | 84  | 50582  | 18.646  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 48590  | 20.944  | ug/l | 93     |
| 22) Diisopropyl ether         | 6.13 | 45  | 148052 | 20.991  | ug/l | 98     |
| 23) Vinyl Acetate             | 6.07 | 43  | 481465 | 106.737 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.03 | 63  | 81901  | 21.211  | ug/l | 99     |
| 25) 2-Butanone                | 7.00 | 43  | 85552  | 111.972 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 74356  | 20.941  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 55340  | 21.769  | ug/l | 98     |
| 28) Bromochloromethane        | 7.35 | 49  | 28981  | 18.278  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.36 | 42  | 57524  | 109.861 | ug/l | 98     |
| 30) Chloroform                | 7.52 | 83  | 78369  | 20.714  | ug/l | 99     |
| 31) Cyclohexane               | 7.79 | 56  | 82336  | 20.139  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 68376  | 20.369  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 64870  | 20.632  | ug/l | 100    |
| 37) Ethyl Acetate             | 7.08 | 43  | 37330  | 20.231  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 59629  | 20.694  | ug/l | 94     |

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 Sample : VY0114SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2020 9:30:21 AM

Quant Time: Jan 15 02:30:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 85449    | 20.047  | ug/l   | 99       |
| 40) Benzene                    | 8.17  | 78   | 196757   | 21.438  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.34  | 41   | 26085m   | 30.095  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 52937    | 20.599  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 75122    | 21.291  | ug/l   | 99       |
| 44) Trichloroethene            | 8.94  | 130  | 51036    | 21.341  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 49043    | 21.615  | ug/l   | 99       |
| 46) Dibromomethane             | 9.31  | 93   | 26189    | 21.155  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 63430    | 21.024  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.30  | 41   | 34346    | 21.035  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 6764     | 448.650 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 189096   | 105.620 | ug/l   | 100      |
| 52) Toluene                    | 10.24 | 92   | 123747   | 21.140  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 71039    | 21.042  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 80620    | 21.180  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 39187    | 21.352  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 59055    | 21.035  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 67725    | 21.495  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 107557   | 108.930 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.83 | 43   | 135444   | 107.947 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 44255    | 20.943  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 37266    | 20.795  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.72 | 164  | 41342    | 20.874  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.52 | 112  | 130362   | 21.235  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 45337    | 21.427  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 238166   | 21.207  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.70 | 106  | 181741   | 42.899  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 87459    | 21.532  | ug/l   | 98       |
| 70) Styrene                    | 12.04 | 104  | 150794   | 21.158  | ug/l   | 97       |
| 71) Bromoform                  | 12.20 | 173  | 27223    | 20.863  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.33 | 105  | 228010   | 20.631  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 70948    | 20.570  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 48312    | 20.777  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 33774m   | 21.460  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 52263    | 21.401  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.67 | 91   | 274464   | 20.646  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 157269   | 20.599  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 192384   | 20.863  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 18758    | 20.212  | ug/l # | 99       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 166009   | 20.368  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 165483   | 21.357  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 194759   | 21.268  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 231090   | 20.731  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 207999   | 21.491  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 101742   | 22.029  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 101958   | 21.450  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.70 | 91   | 205146   | 21.045  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 38984    | 20.614  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 93420    | 21.765  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 8424     | 20.084  | ug/l   | 97       |

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Acq On : 14 Jan 2020 10:39  
Operator : SY/MD  
Sample : VY0114SBS01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Manual Integrations  
APPROVED

MMDadoda  
1/15/2020 9:30:21 AM

Quant Time: Jan 15 02:30:04 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 10 16:01:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 62710    | 22.174 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 31052    | 21.795 | ug/l  | 98       |
| 95) Naphthalene            | 15.23 | 128  | 140014   | 21.266 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 54512    | 21.871 | ug/l  | 98       |

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

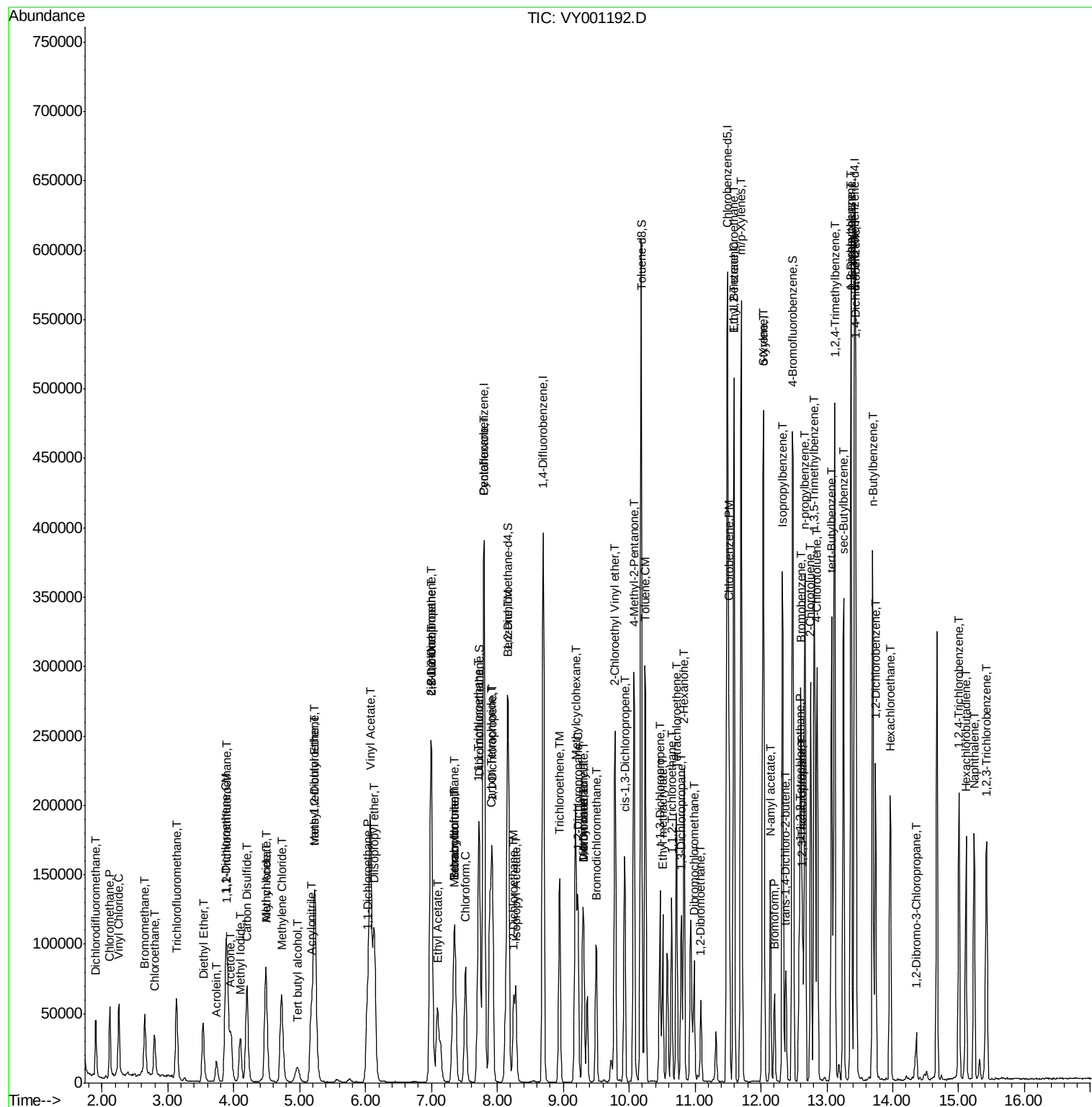
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Data File : VY001192.D  
Acq On : 14 Jan 2020 10:39  
Operator : SY/MD  
Sample : VY0114SBS01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

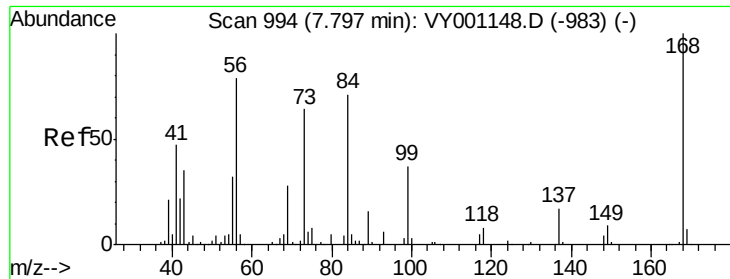
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

Manual Integrations  
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MMDadoda  
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Quant Title : SW846 8260  
QLast Update : Fri Jan 10 16:01:58 2020  
Response via : Initial Calibration





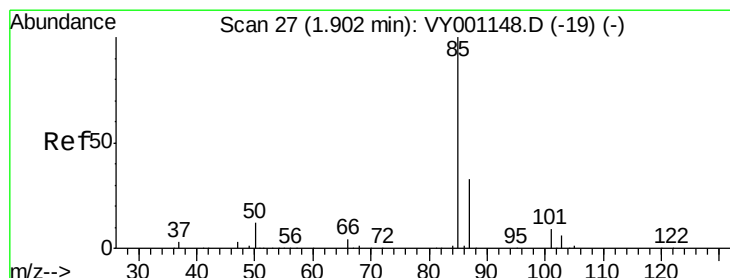
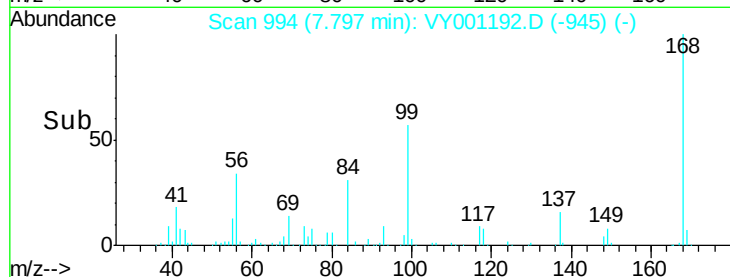
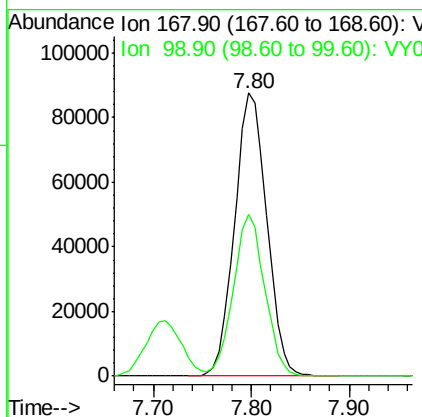
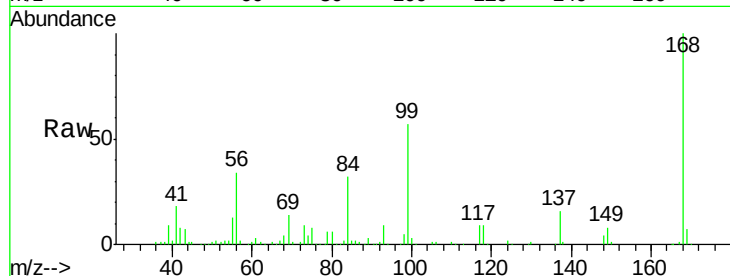
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.80 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 57.0  | 47.9  | 71.9  |

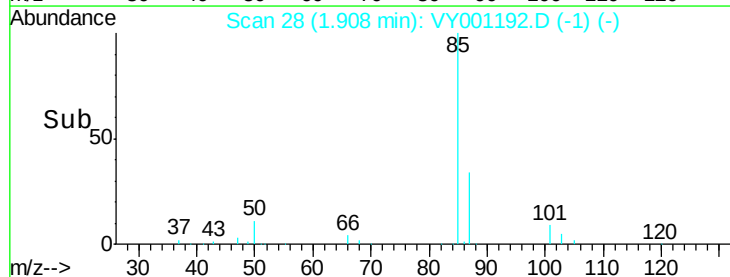
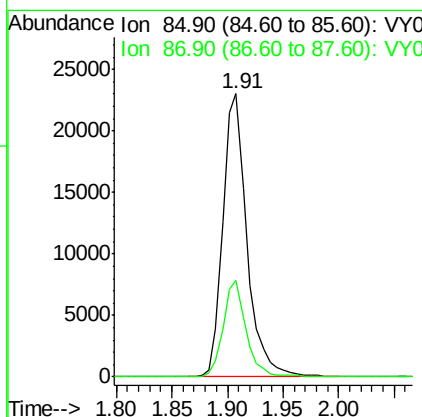
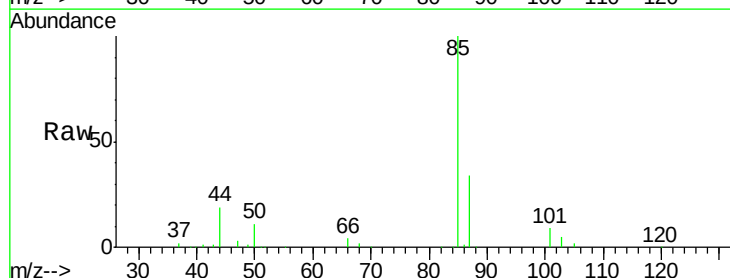
Manual Integrations  
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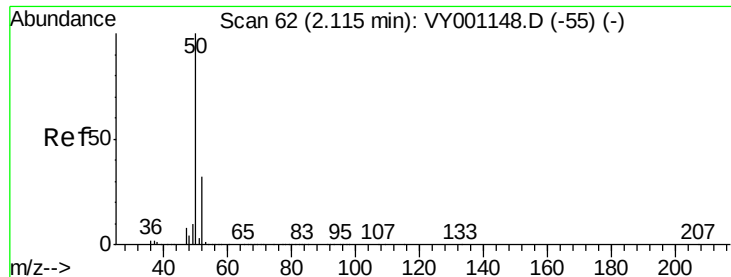
MMDadoda  
1/15/2020 9:30:21 AM



#2  
Dichlorodifluoromethane  
Concen: 22.411 ug/l  
RT: 1.91 min Scan# 28  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 34.3  | 16.4  | 49.2  |





#3

Chloromethane

Concen: 20.666 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 50 Resp: 45787

Ion Ratio Lower Upper

50 100

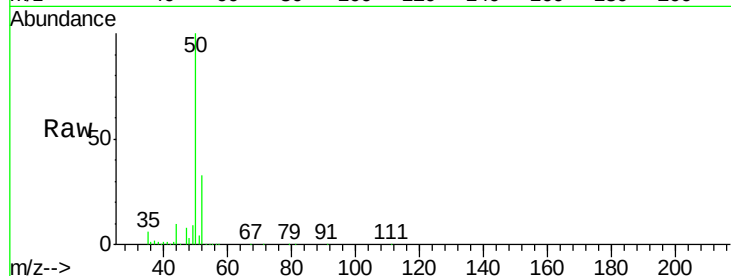
52 33.4 25.8 38.6

Manual Integrations

APPROVED

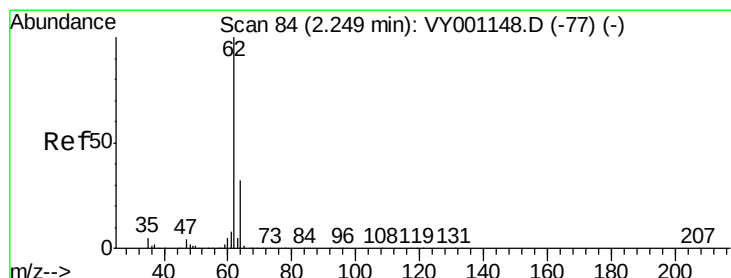
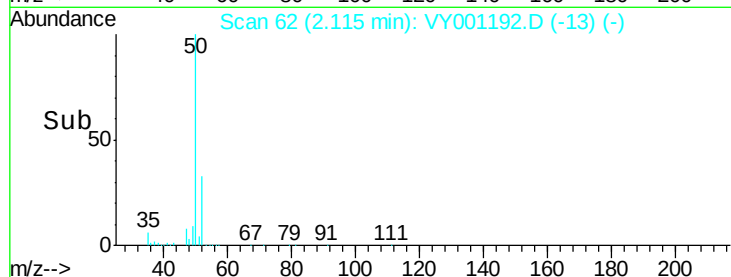
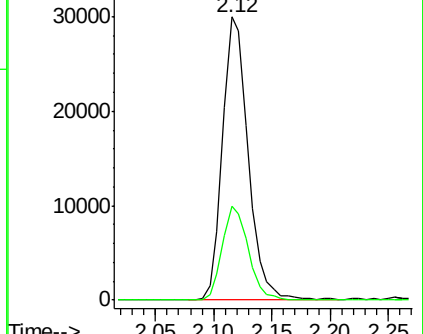
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1/15/2020 9:30:21 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.198 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001192.D

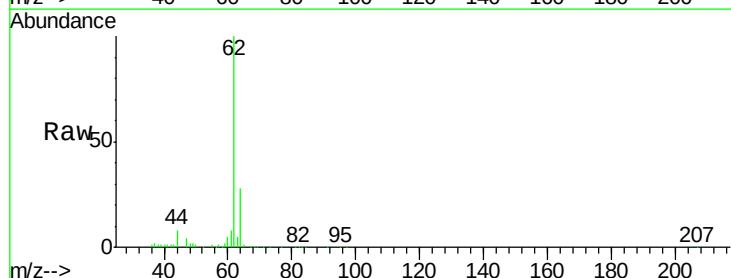
Acq: 14 Jan 2020 10:39

Tgt Ion: 62 Resp: 49546

Ion Ratio Lower Upper

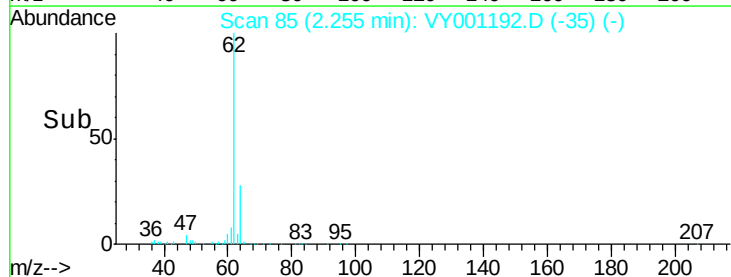
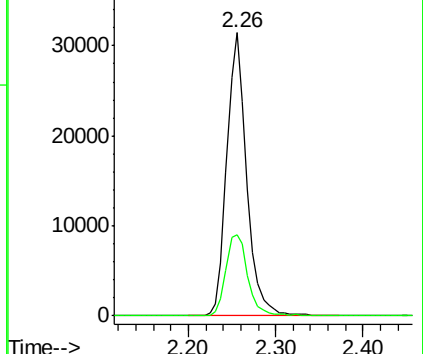
62 100

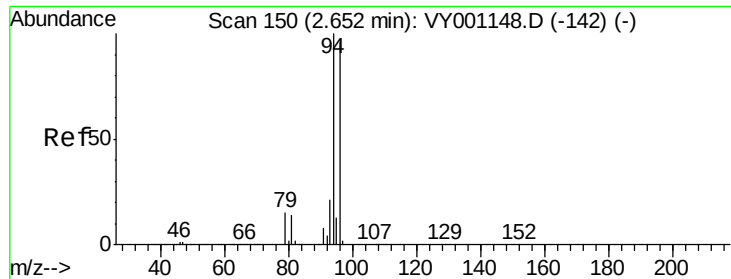
64 28.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 26.505 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 94 Resp: 31778

Ion Ratio Lower Upper

94 100

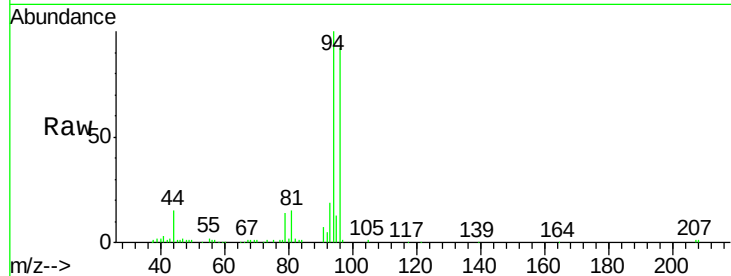
96 90.8 77.3 115.9

Manual Integrations

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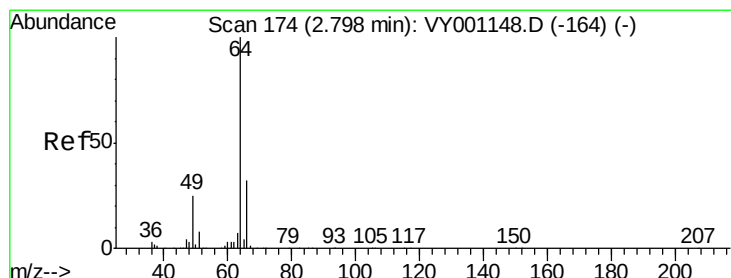
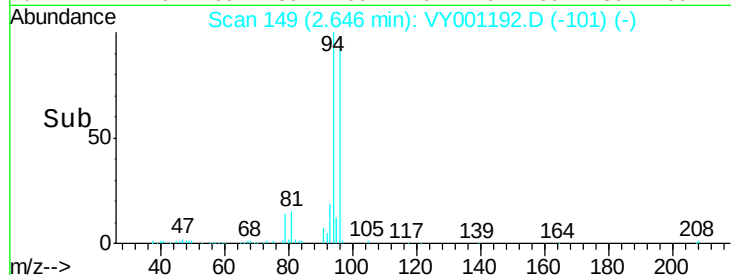
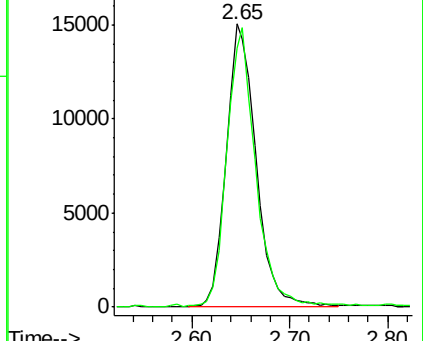
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 24.063 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY001192.D

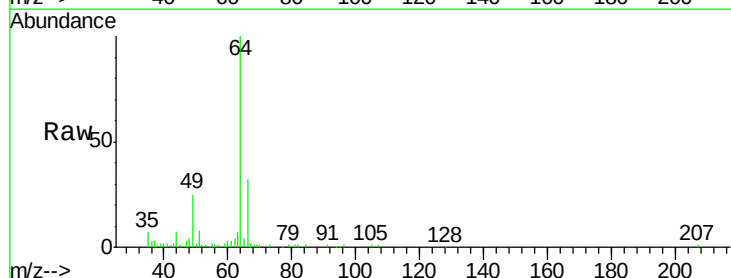
Acq: 14 Jan 2020 10:39

Tgt Ion: 64 Resp: 31030

Ion Ratio Lower Upper

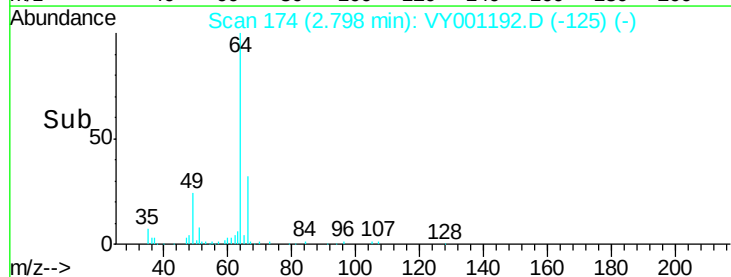
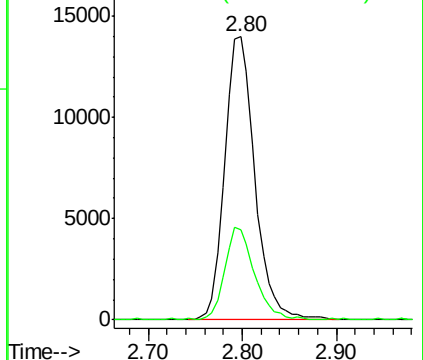
64 100

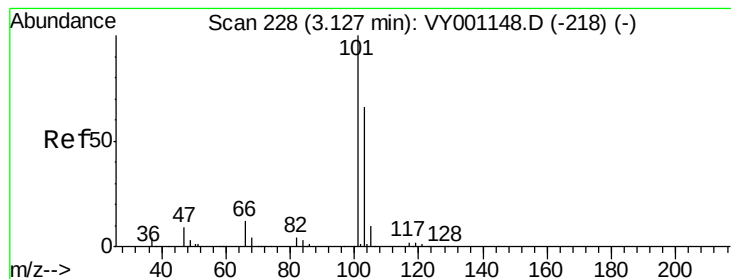
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

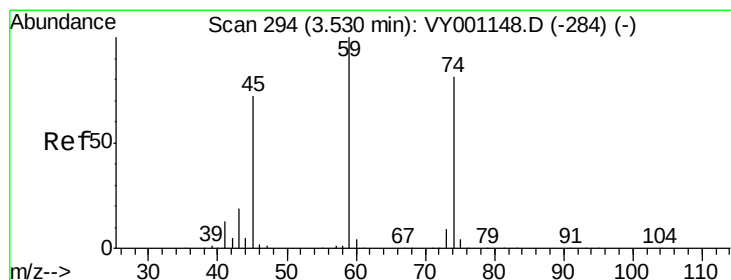
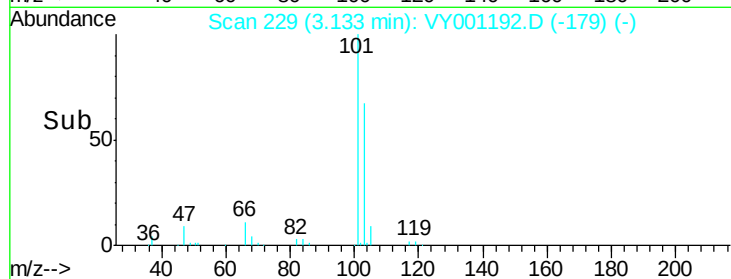
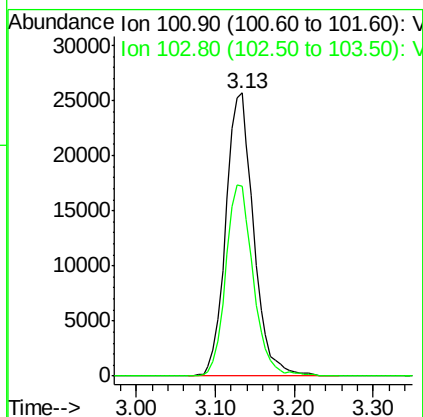
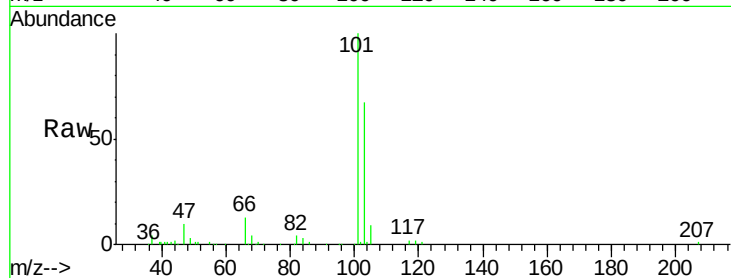
Trichlorofluoromethane  
Concen: 20.264 ug/l  
RT: 3.13 min Scan# 229  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 67.1  | 52.6  | 79.0  |

Manual Integrations  
APPROVED

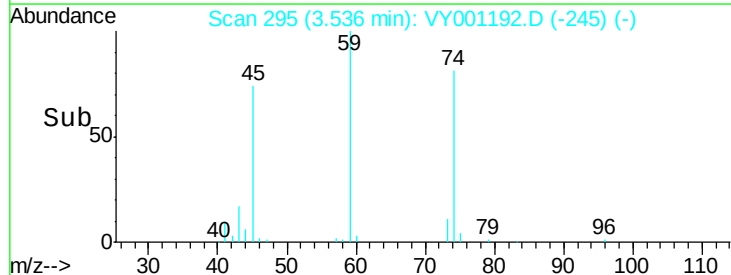
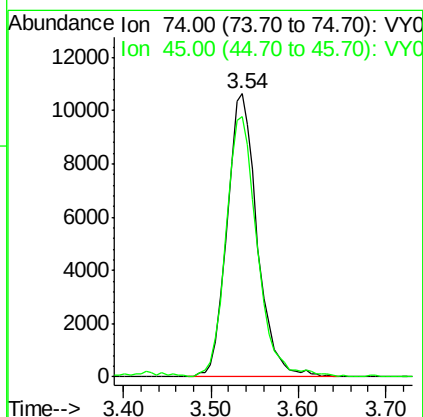
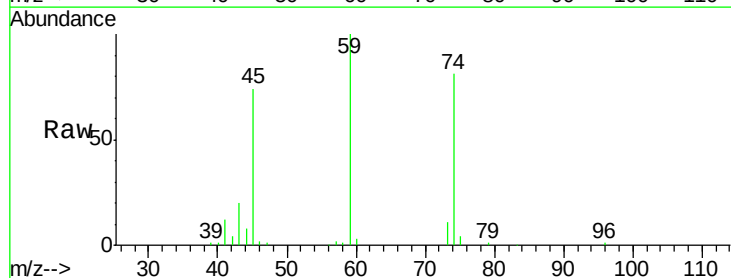
MMDadoda  
1/15/2020 9:30:21 AM



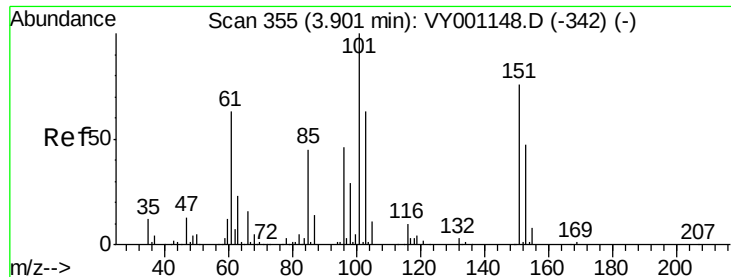
#8

Diethyl Ether  
Concen: 21.126 ug/l  
RT: 3.54 min Scan# 295  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 95.3  | 45.5  | 136.5 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.309 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

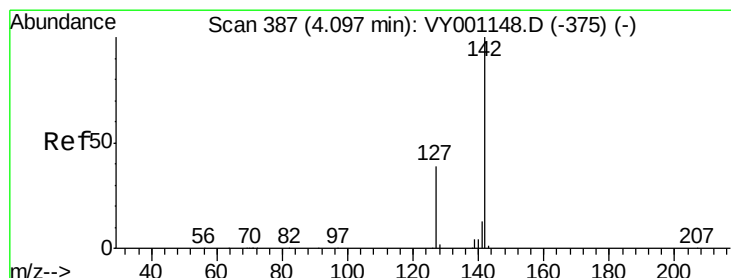
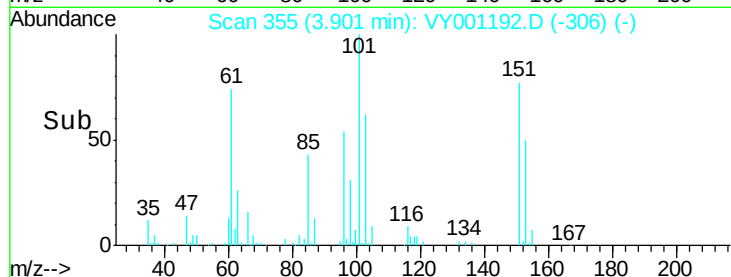
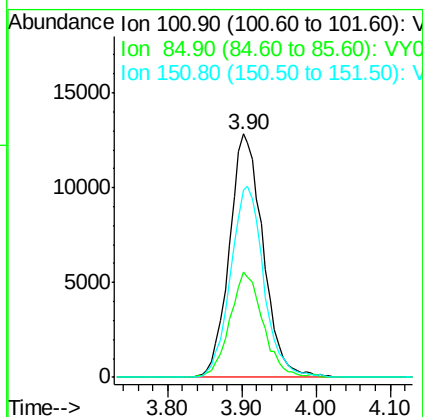
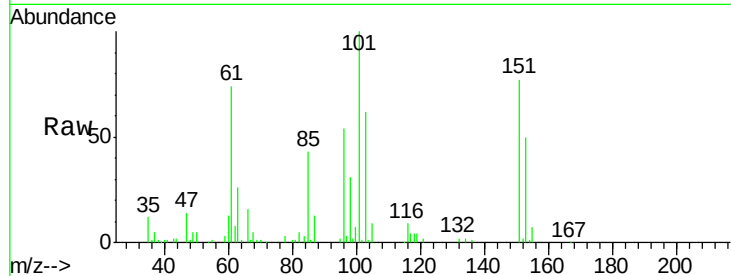
ClientSampleId :

VY0114SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 40616 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.5  | 35.2  | 52.8  |
| 151       | 77.6  | 61.4  | 92.2  |

Manual Integrations  
APPROVED

MMDadoda  
1/15/2020 9:30:21 AM



#10

Methyl Iodide

Concen: 19.426 ug/l

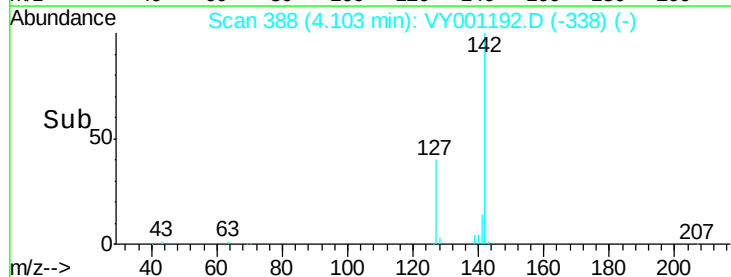
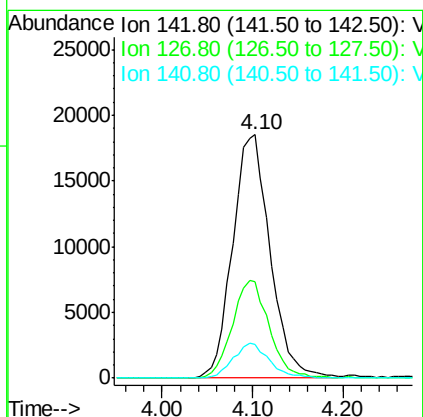
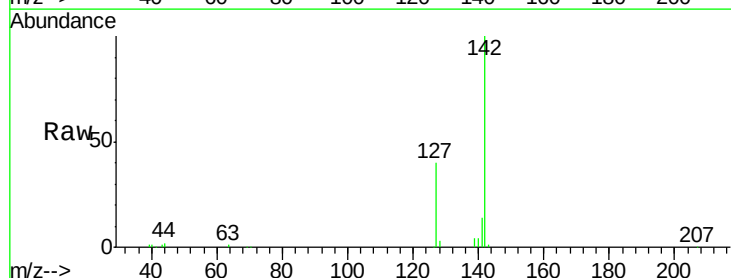
RT: 4.10 min Scan# 388

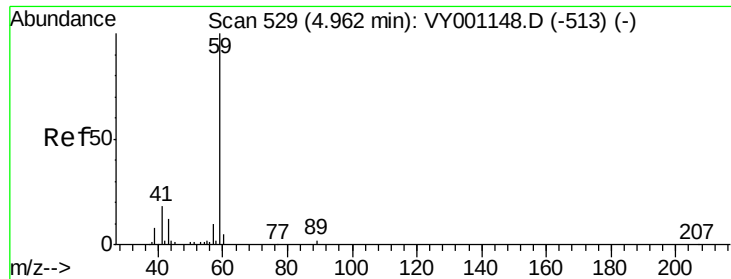
Delta R.T. 0.01 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 53176 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 39.4  | 30.8  | 46.2  |
| 141       | 13.8  | 11.0  | 16.4  |





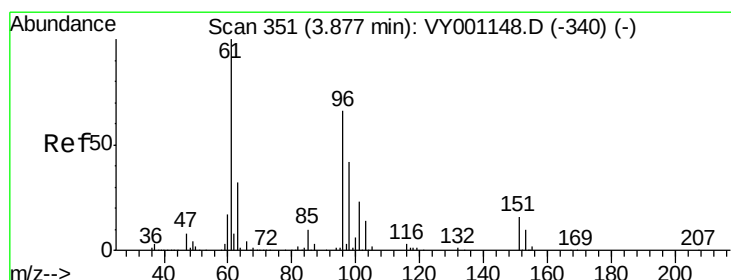
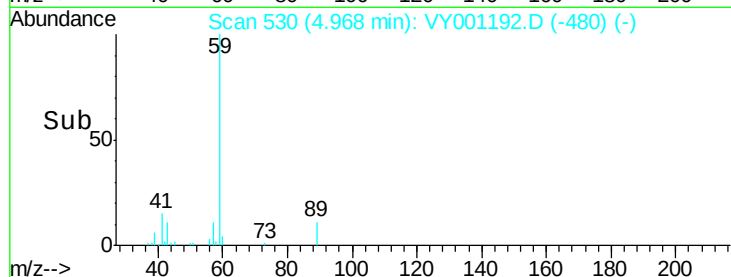
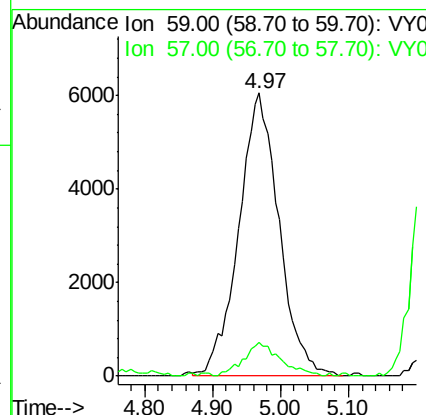
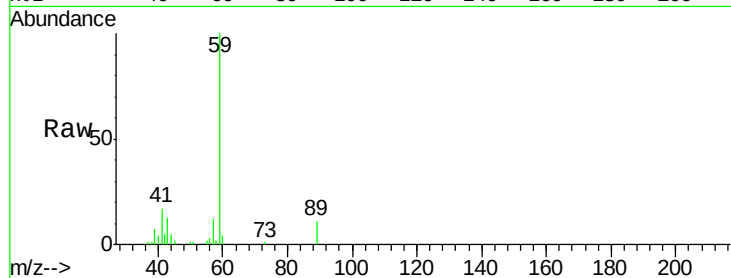
#11  
Tert butyl alcohol  
Concen: 117.062 ug/l  
RT: 4.97 min Scan# 530  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion   | 59   | Resp  | 24897 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.9 | 7.8   | 11.8  |

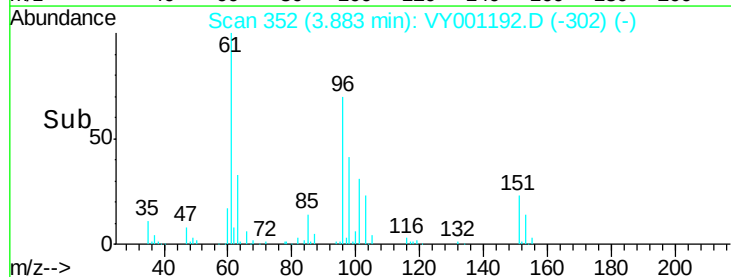
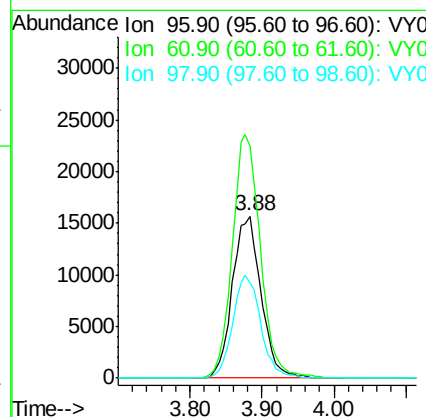
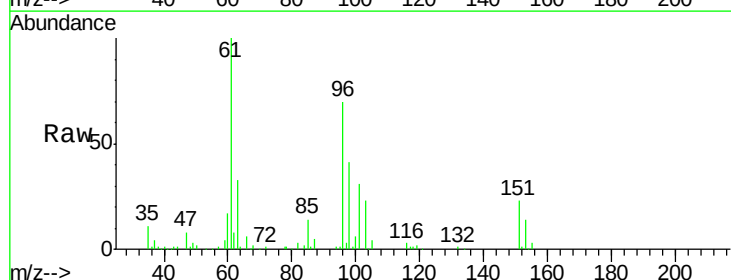
Manual Integrations  
APPROVED

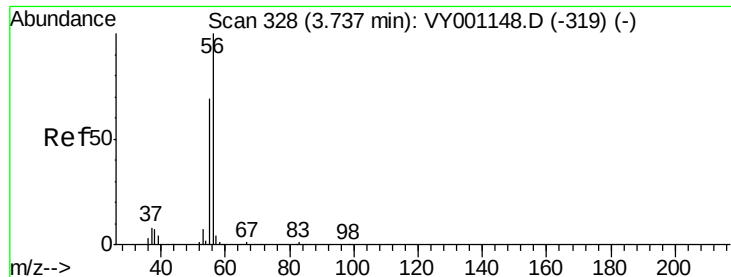
MMDadoda  
1/15/2020 9:30:21 AM



#12  
1,1-Dichloroethene  
Concen: 21.225 ug/l  
RT: 3.88 min Scan# 352  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion   | 96    | Resp  | 43427 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 143.1 | 122.1 | 183.1 |
| 98        | 58.7  | 51.0  | 76.6  |





#13

Acrolein

Concen: 96.178 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 56 Resp: 18415

Ion Ratio Lower Upper

56 100

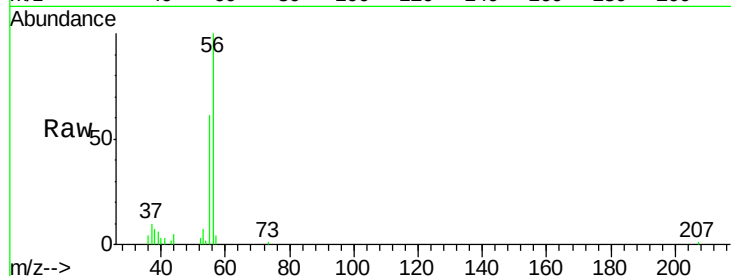
55 68.1 56.7 85.1

Manual Integrations

APPROVED

MMDadoda

1/15/2020 9:30:21 AM



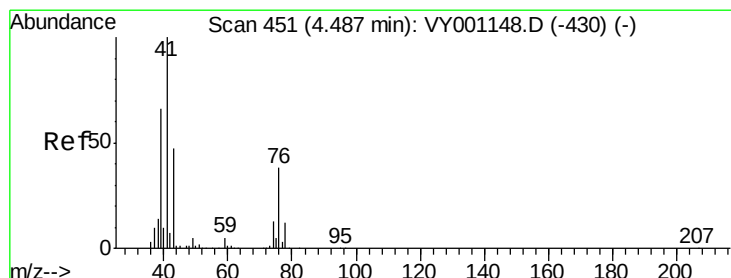
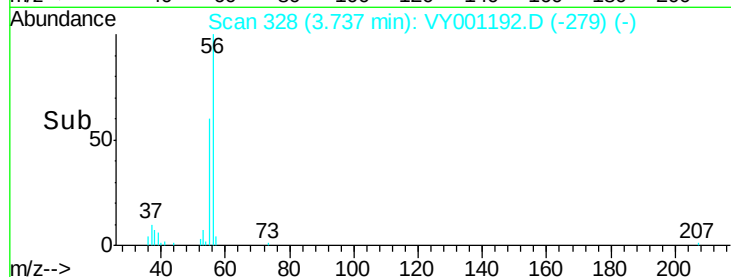
Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

3.70 3.80

Time-->



#14

Allyl chloride

Concen: 21.164 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

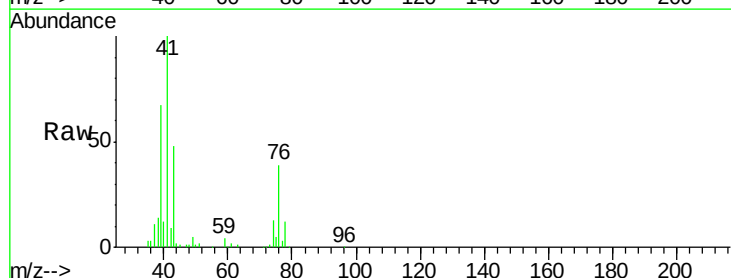
Tgt Ion: 41 Resp: 73084

Ion Ratio Lower Upper

41 100

39 65.8 52.6 78.8

76 37.5 30.2 45.2



Abundance Ion 41.00 (40.70 to 41.70): VY0

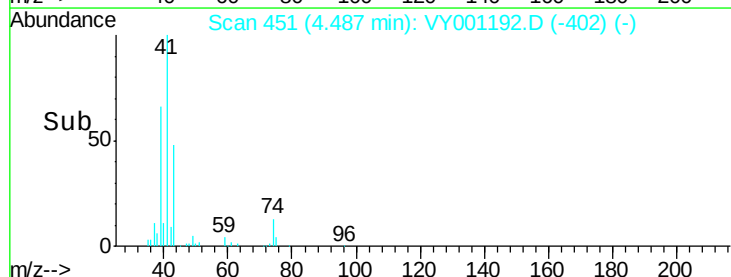
Ion 39.00 (38.70 to 39.70): VY0

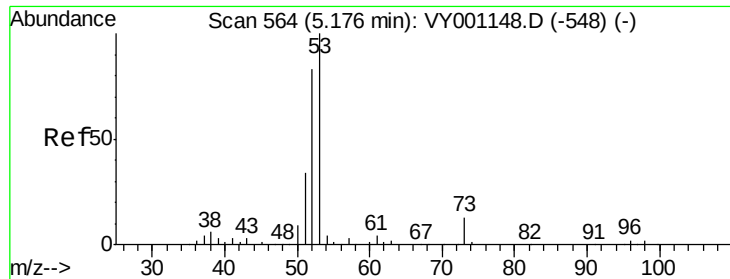
Ion 75.90 (75.60 to 76.60): VY0

4.49

4.30 4.70

Time-->





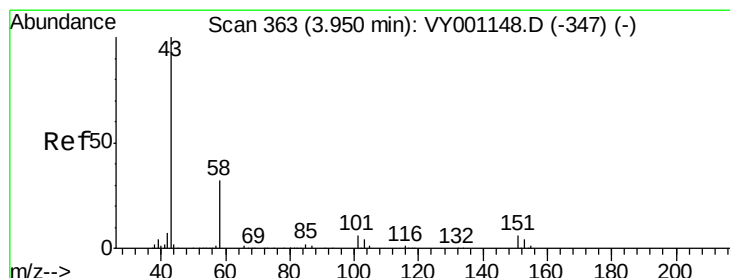
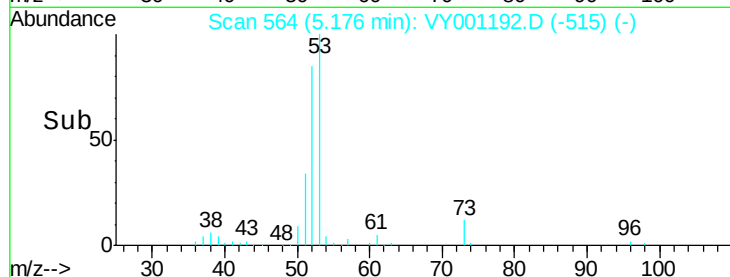
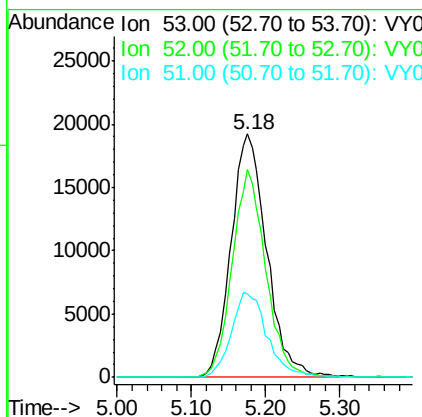
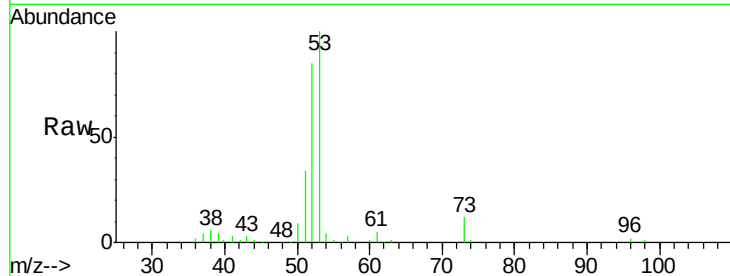
#15  
 Acrylonitrile  
 Concen: 106.596 ug/l  
 RT: 5.18 min Scan# 564  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

| Tot Ion | 53   | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 53      | 100  |       |       |       |
| 52      | 80.4 | 65.7  | 98.5  |       |
| 51      | 34.9 | 28.7  | 43.1  |       |

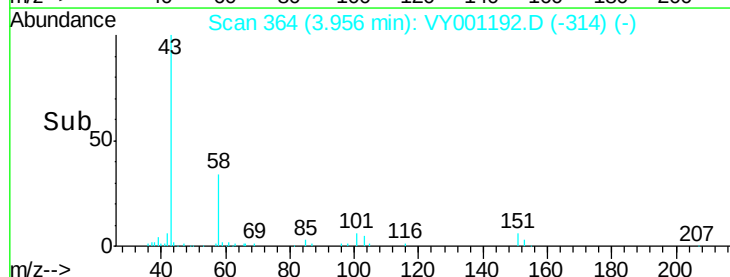
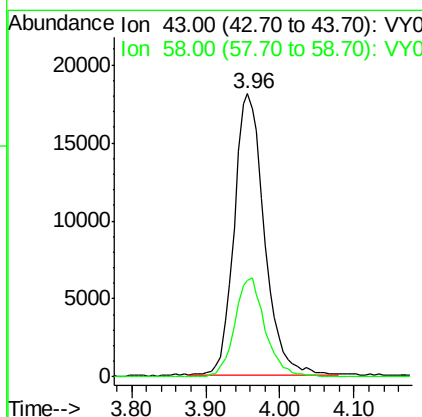
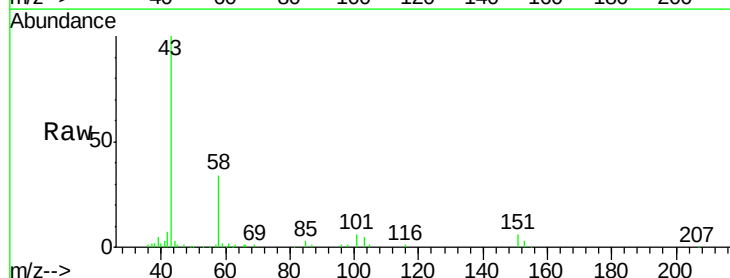
Manual Integrations  
 APPROVED

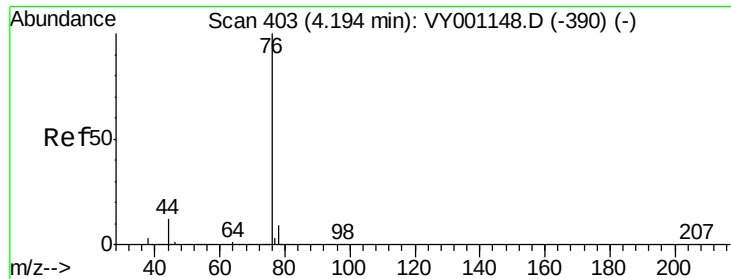
MMDadoda  
 1/15/2020 9:30:21 AM



#16  
 Acetone  
 Concen: 104.593 ug/l  
 RT: 3.96 min Scan# 364  
 Delta R.T. 0.01 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

| Tgt Ion | 43   | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 58      | 34.4 | 25.8  | 38.6  |       |





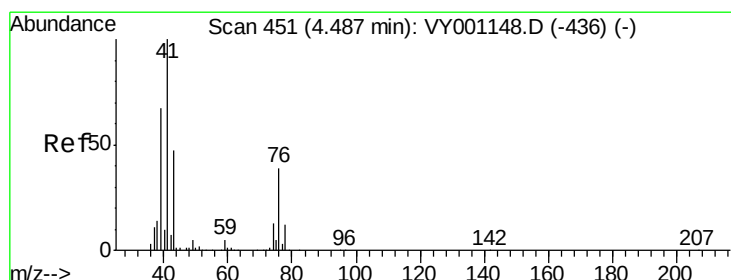
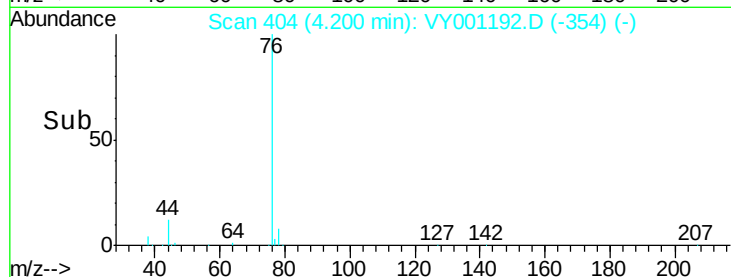
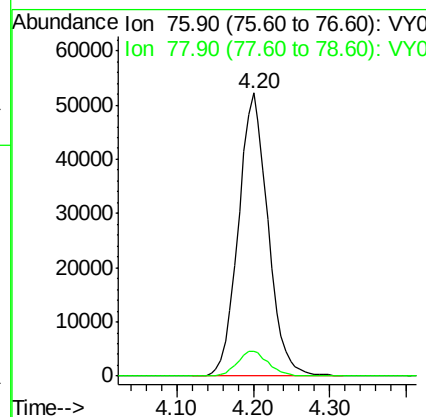
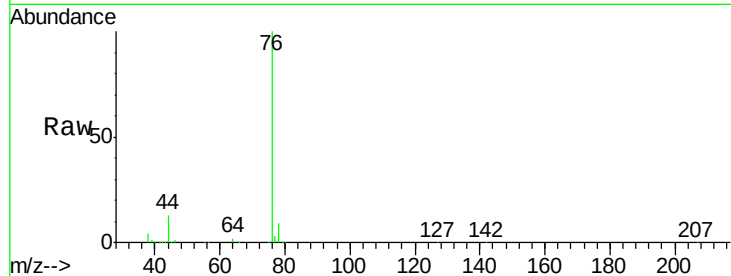
#17  
Carbon Disulfide  
Concen: 21.108 ug/l  
RT: 4.20 min Scan# 404  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.2   | 10.8  |

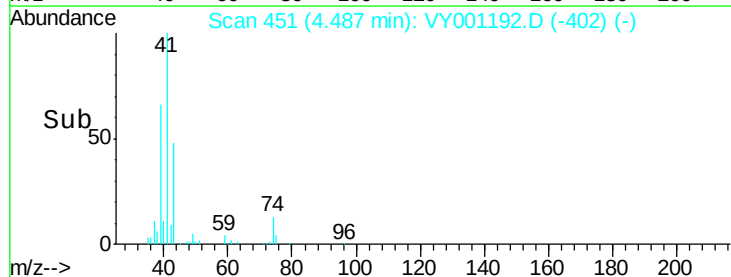
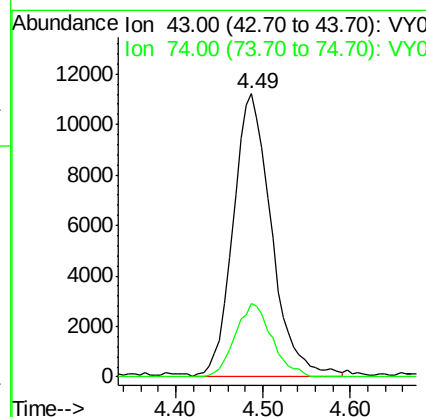
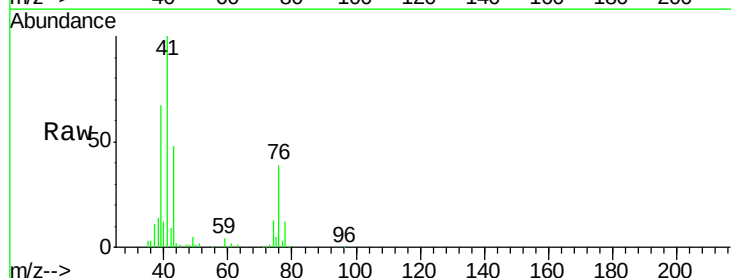
Manual Integrations  
APPROVED

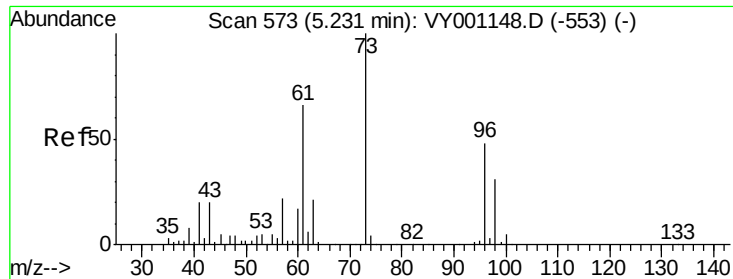
MMDadoda  
1/15/2020 9:30:21 AM



#18  
Methyl Acetate  
Concen: 21.080 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.9  | 20.2  | 30.2  |





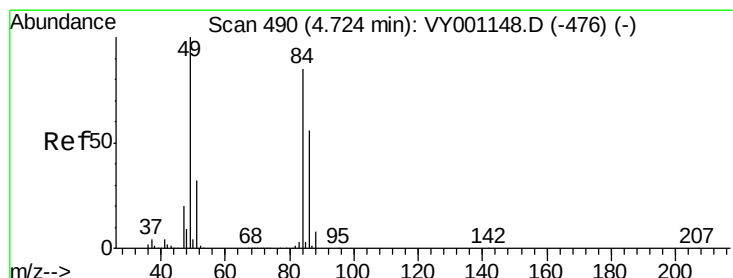
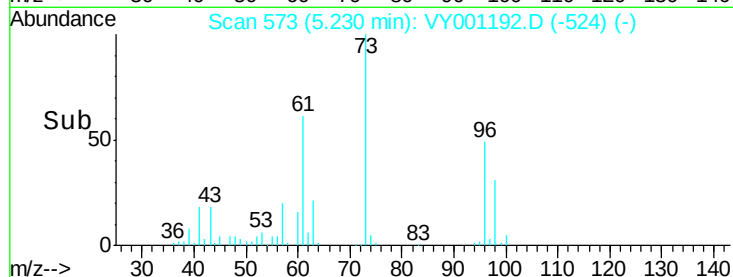
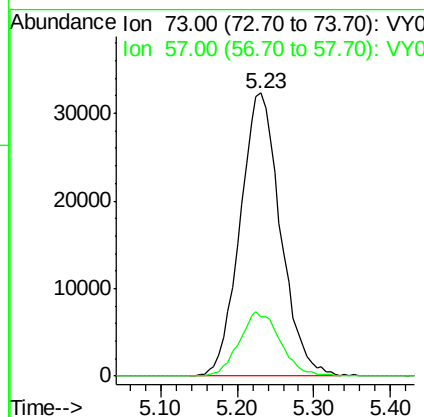
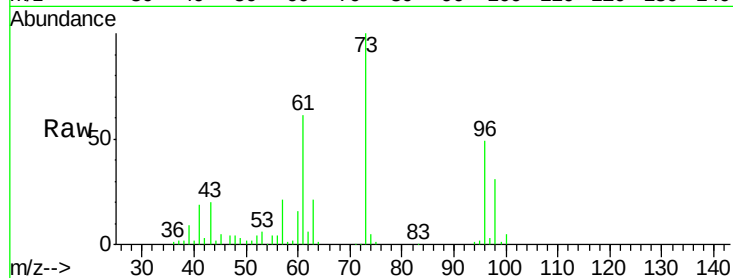
#19  
Methyl tert-butyl Ether  
Concen: 20.958 ug/l  
RT: 5.23 min Scan# 573  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

Tot Ion: 73 Resp: 118612  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.8 26.6

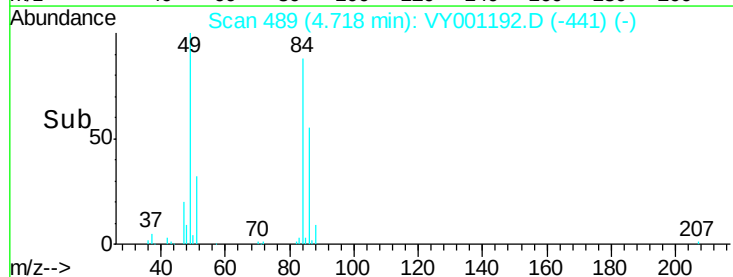
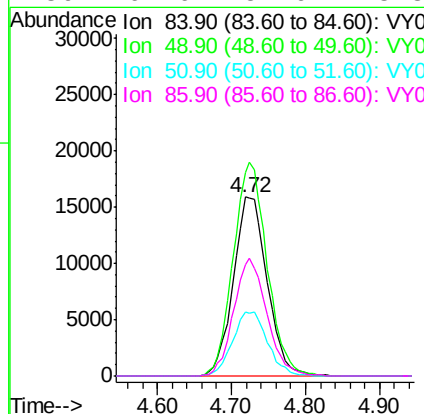
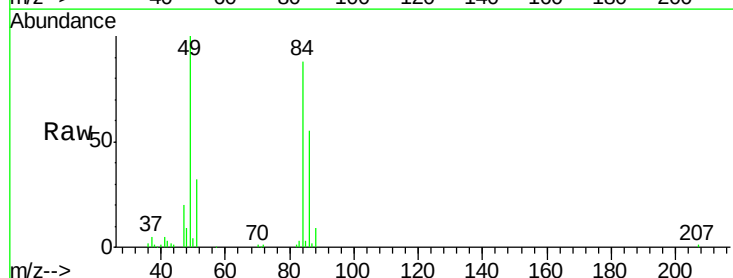
Manual Integrations  
APPROVED

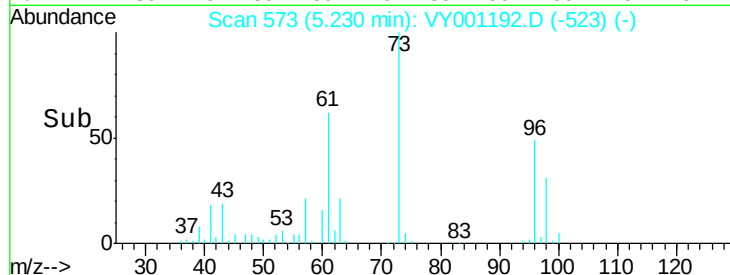
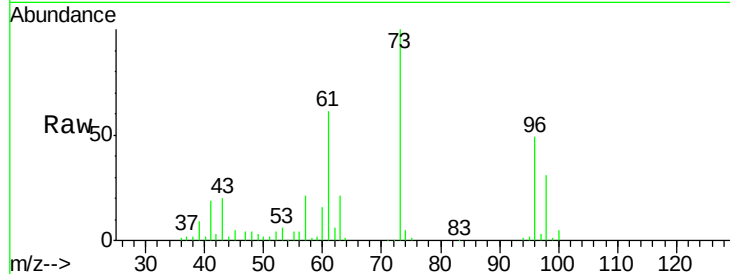
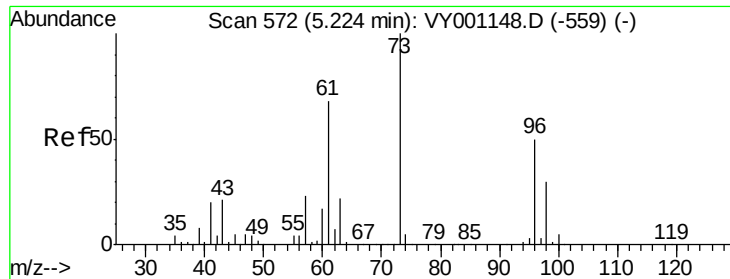
MMDadoda  
1/15/2020 9:30:21 AM



#20  
Methylene Chloride  
Concen: 18.646 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. -0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Tgt Ion: 84 Resp: 50582  
Ion Ratio Lower Upper  
84 100  
49 114.1 93.8 140.6  
51 36.0 29.9 44.9  
86 62.6 52.6 78.8





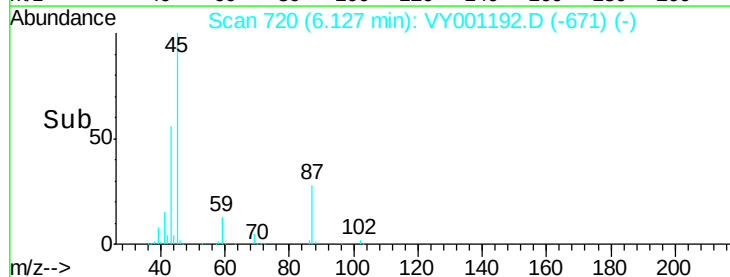
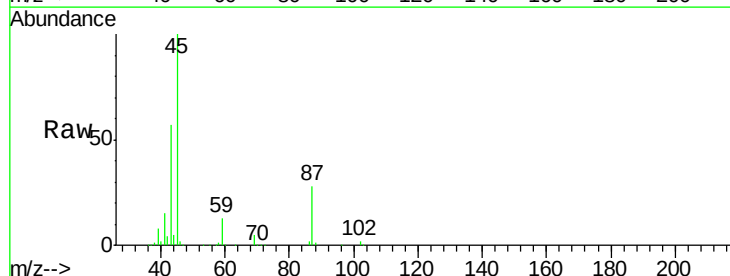
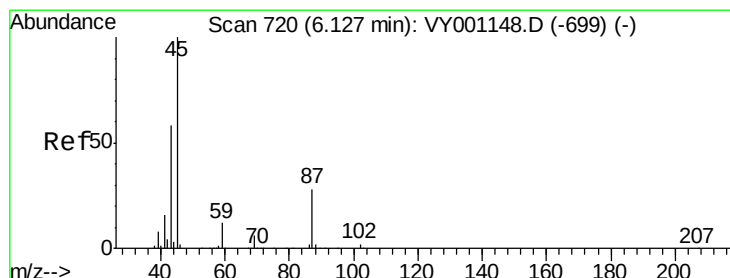
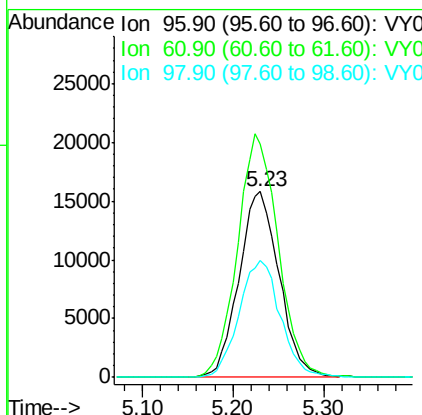
#21  
trans-1,2-Dichloroethene  
Concen: 20.944 ug/l  
RT: 5.23 min Scan# 573  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 125.6 | 107.6 | 161.4 |
| 98      | 63.0  | 47.6  | 71.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

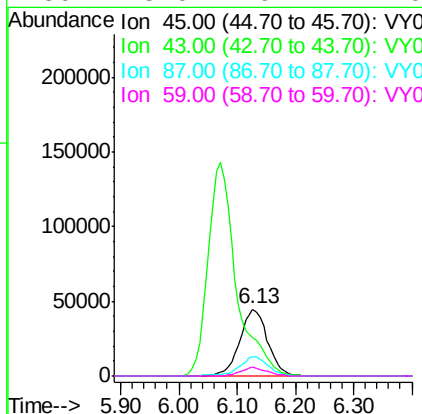
Manual Integrations  
APPROVED

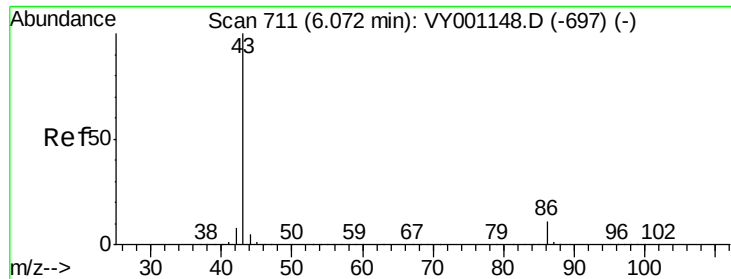
MMDadoda  
1/15/2020 9:30:21 AM



#22  
Diisopropyl ether  
Concen: 20.991 ug/l  
RT: 6.13 min Scan# 720  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 56.3  | 46.5  | 69.7  |
| 87      | 27.9  | 22.5  | 33.7  |
| 59      | 13.0  | 9.4   | 14.0  |





#23

Vinyl Acetate

Concen: 106.737 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 43 Resp: 481465

Ion Ratio Lower Upper

43 100

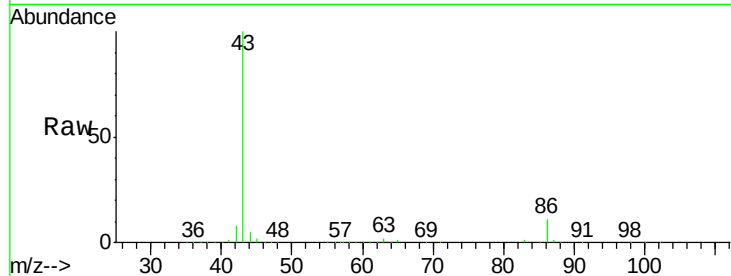
86 11.1 9.0 13.4

Manual Integrations

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1/15/2020 9:30:21 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

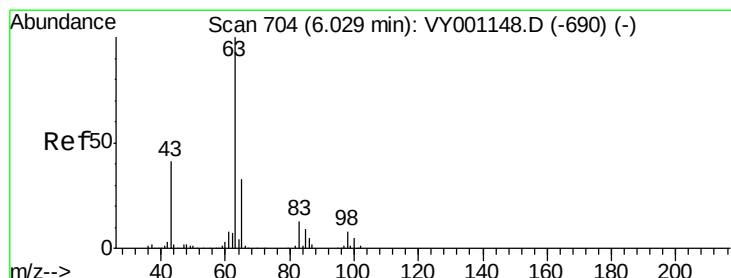
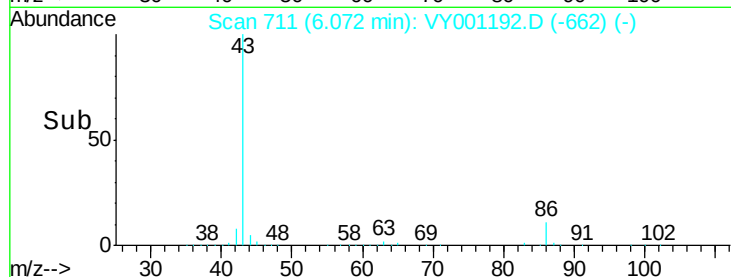
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.211 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

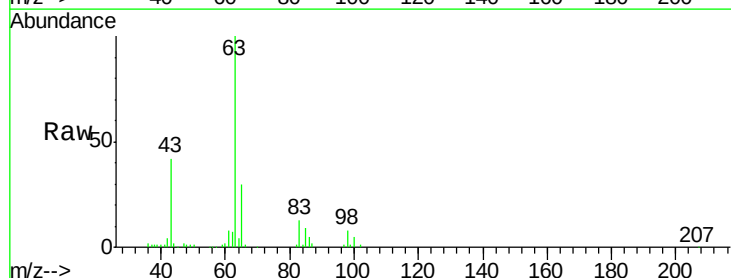
Tgt Ion: 63 Resp: 81901

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

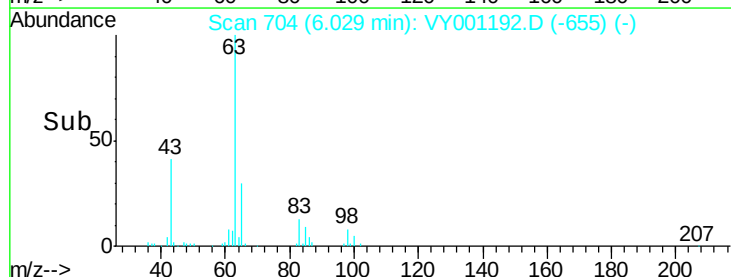
30000

20000

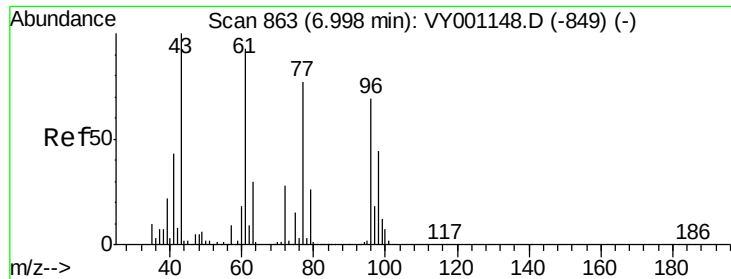
10000

0

Time-->







#25

2-Butanone

Concen: 111.972 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 43 Resp: 85552

Ion Ratio Lower Upper

43 100

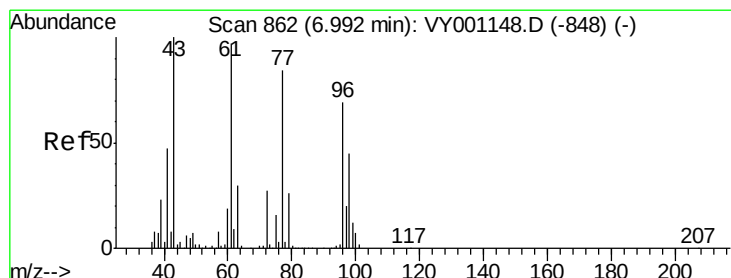
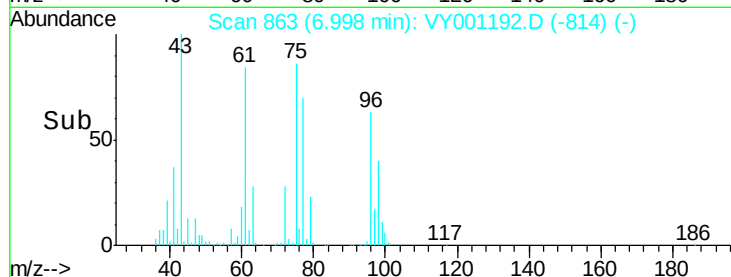
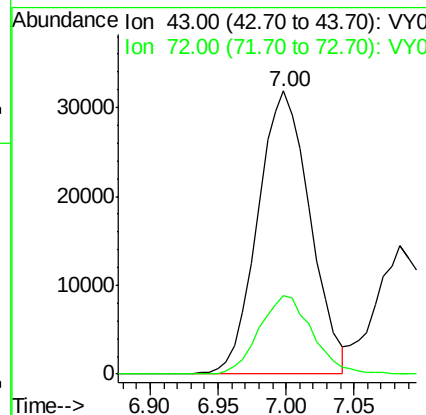
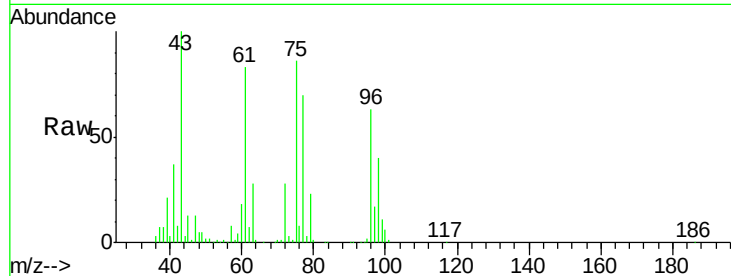
72 27.7 22.2 33.2

Manual Integrations

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1/15/2020 9:30:21 AM



#26

2,2-Dichloropropane

Concen: 20.941 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001192.D

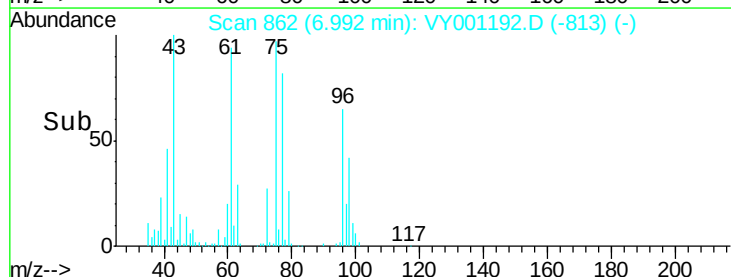
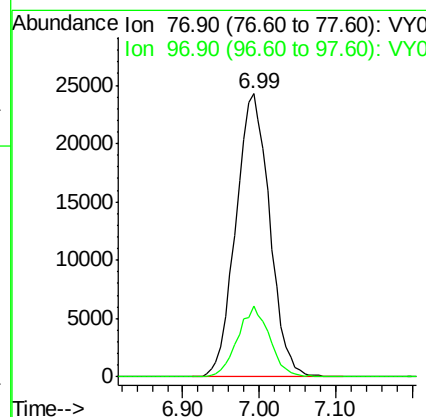
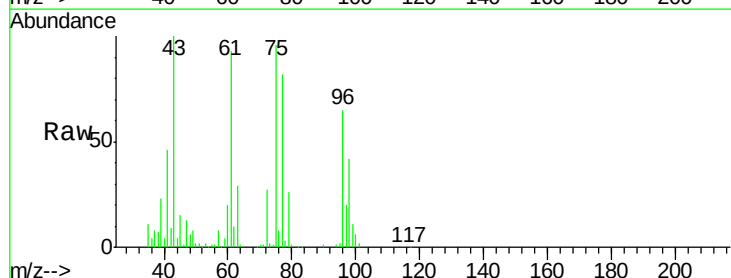
Acq: 14 Jan 2020 10:39

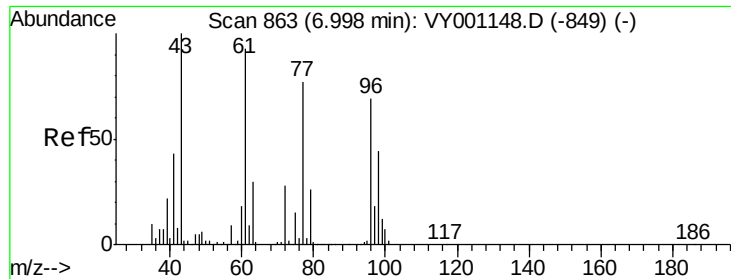
Tgt Ion: 77 Resp: 74356

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.7





#27

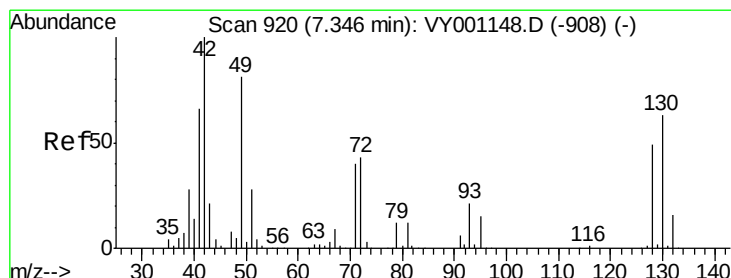
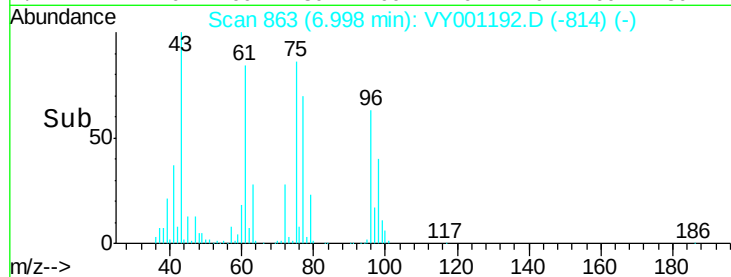
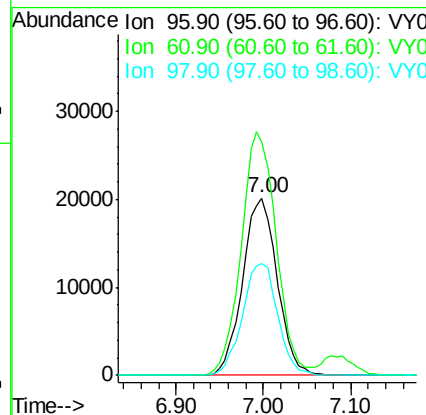
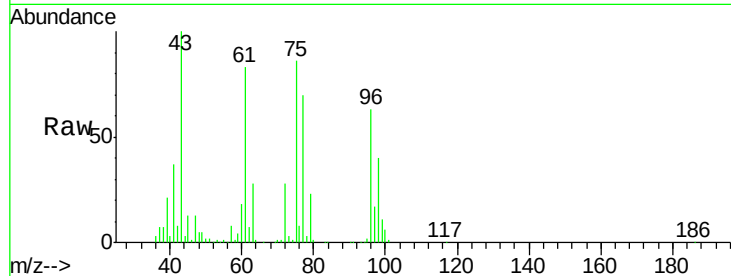
cis-1,2-Dichloroethene  
Concen: 21.769 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 139.7 | 0.0   | 284.0 |
| 98      | 64.3  | 0.0   | 130.2 |

Manual Integrations  
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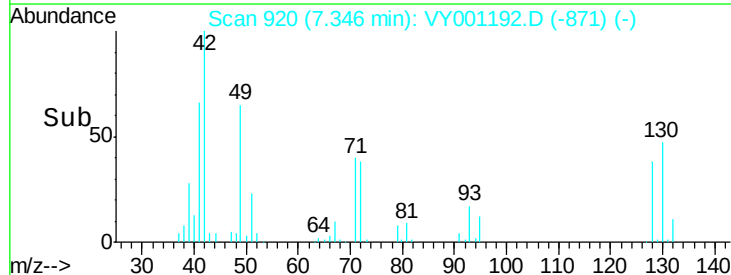
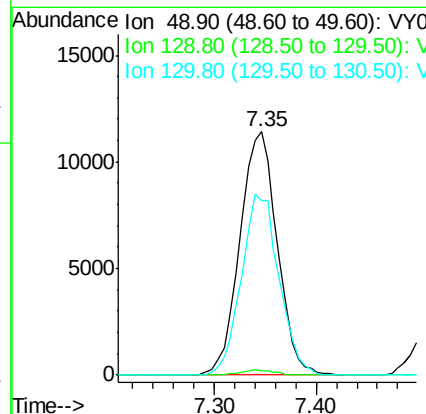
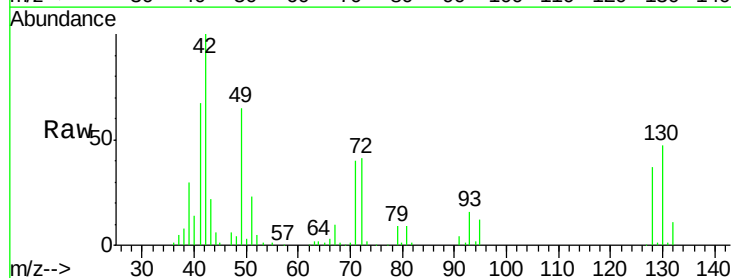
MMDadoda  
1/15/2020 9:30:21 AM

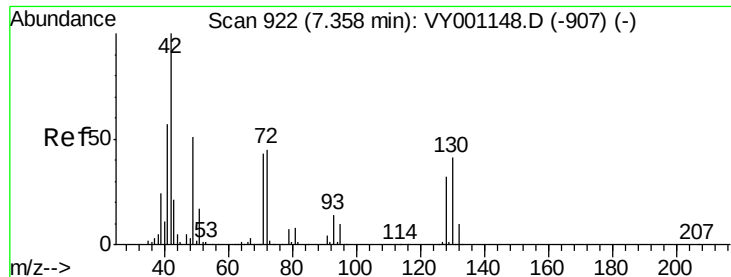


#28

Bromochloromethane  
Concen: 18.278 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.7   | 0.0   | 4.4   |
| 130     | 74.9  | 61.2  | 91.8  |





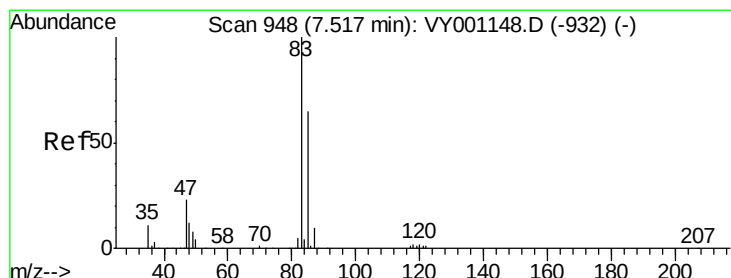
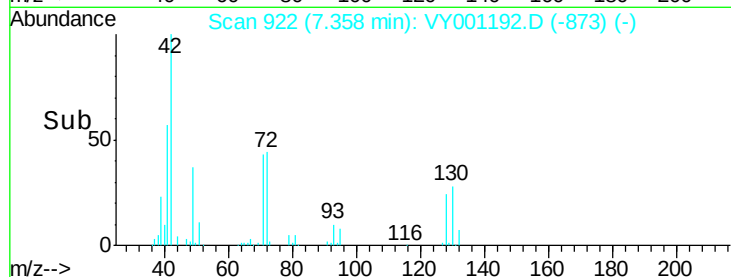
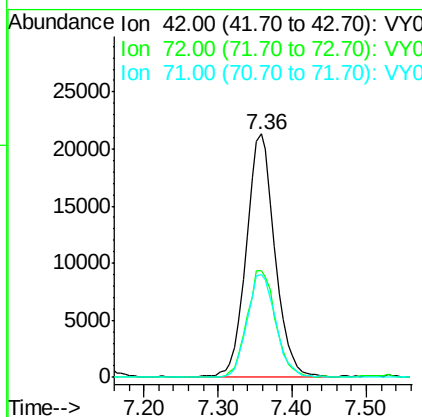
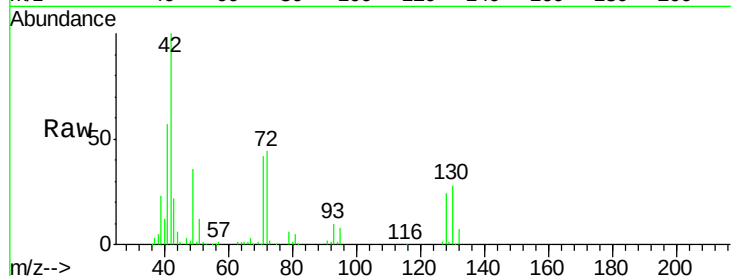
#29  
Tetrahydrofuran  
Concen: 109.861 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.9  | 36.9  | 55.3  |
| 71      | 42.4  | 34.0  | 51.0  |

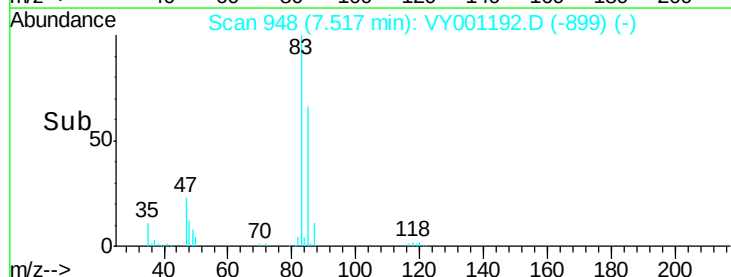
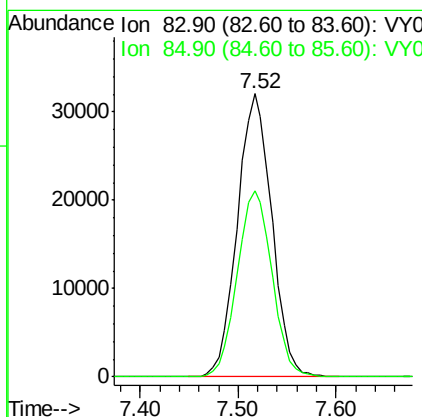
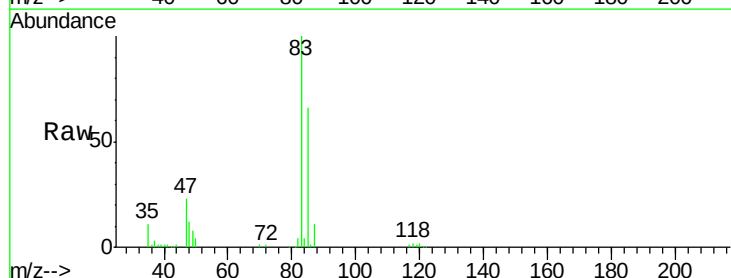
Manual Integrations  
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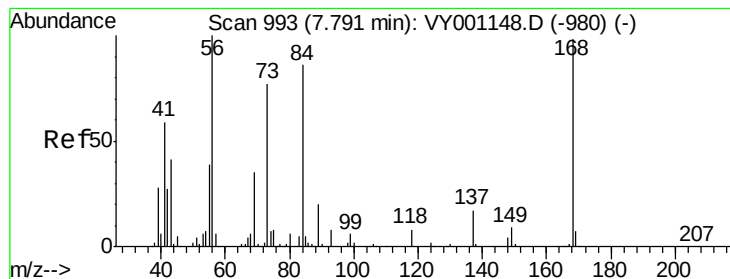
MMDadoda  
1/15/2020 9:30:21 AM



#30  
Chloroform  
Concen: 20.714 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.7  | 51.9  | 77.9  |





#31

Cyclohexane

Concen: 20.139 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 56 Resp: 82336

Ion Ratio Lower Upper

56 100

69 39.3 27.8 41.8

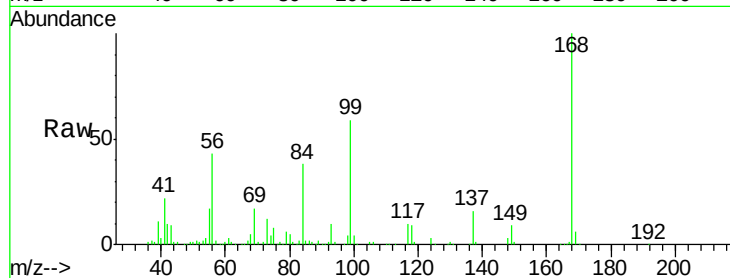
84 88.2 68.9 103.3

Manual Integrations

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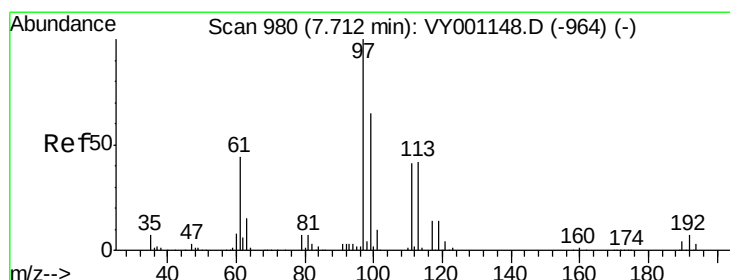
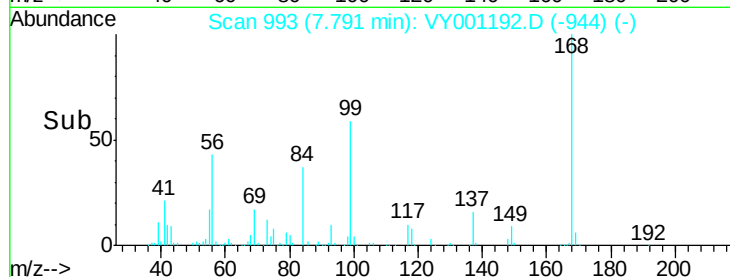
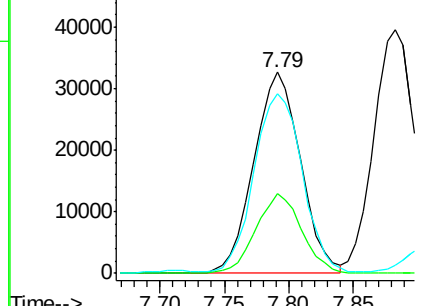
1/15/2020 9:30:21 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.369 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

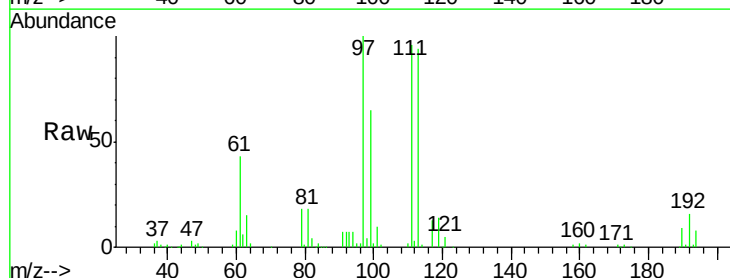
Tgt Ion: 97 Resp: 68376

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

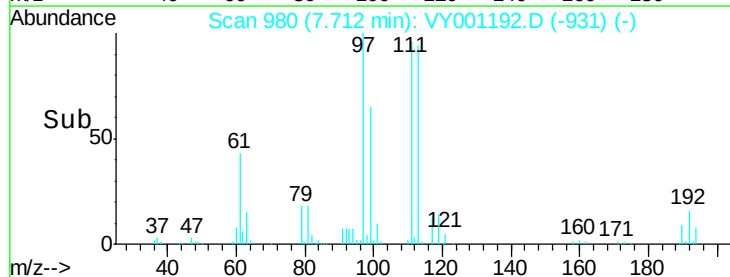
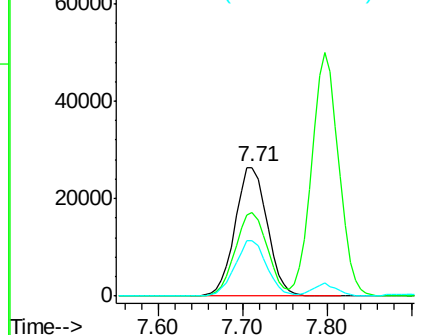
61 42.5 34.6 52.0

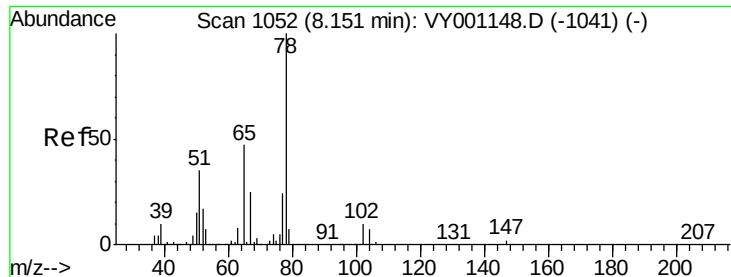


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





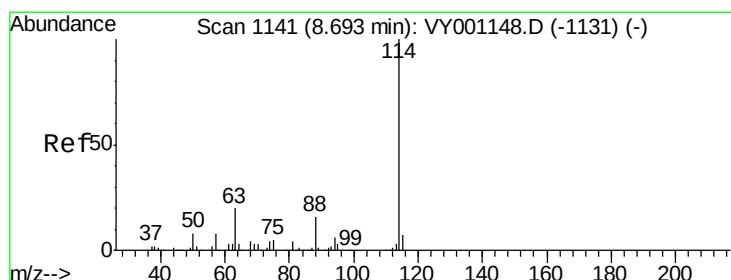
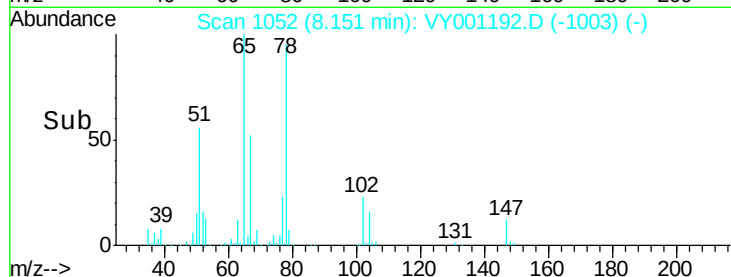
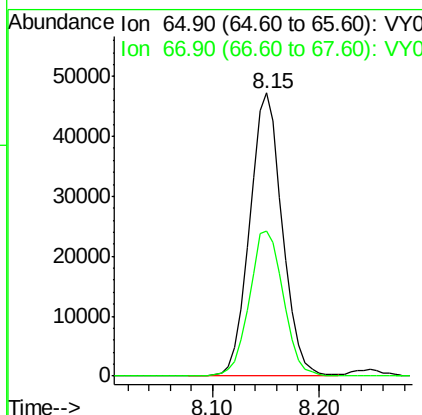
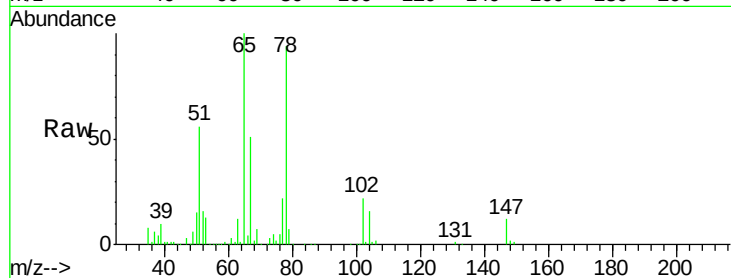
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.971 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 101404 |       |       |
| 67      | 53.7  | 0.0    | 105.2 |       |

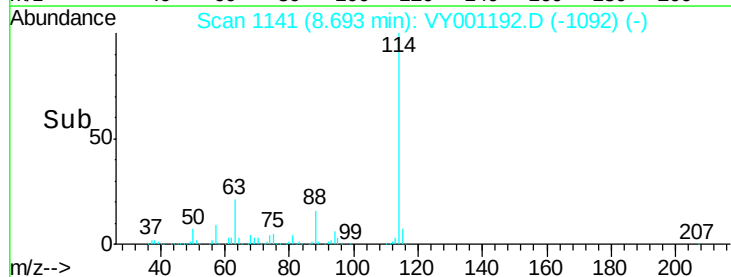
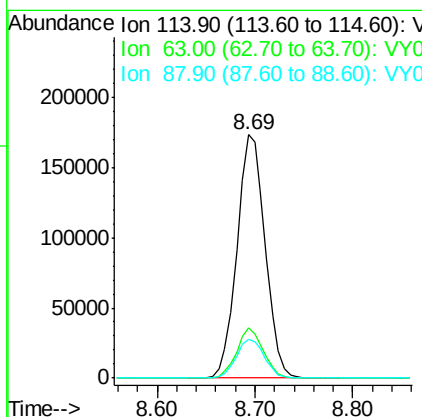
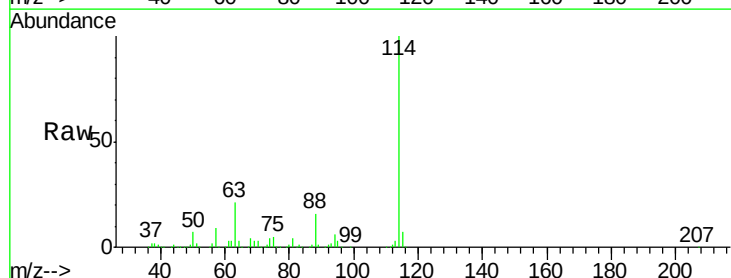
Manual Integrations  
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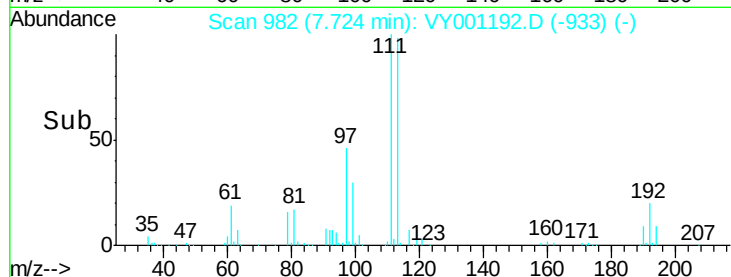
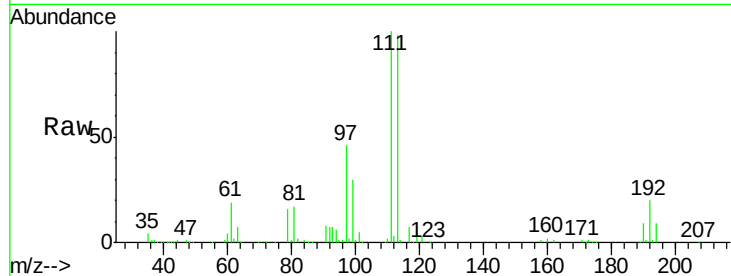
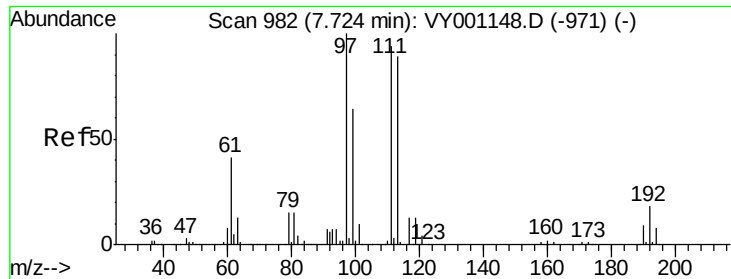
MMDadoda  
 1/15/2020 9:30:21 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 344960 |       |       |
| 63      | 20.6  | 0.0    | 40.8  |       |
| 88      | 16.1  | 0.0    | 32.4  |       |





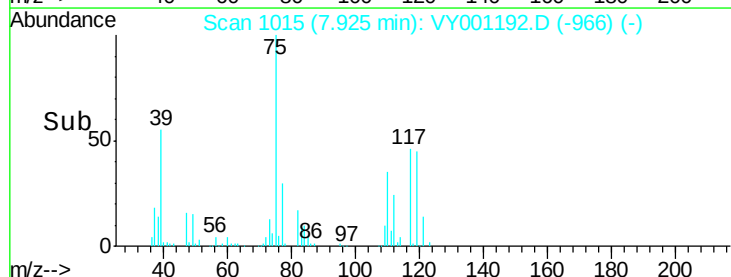
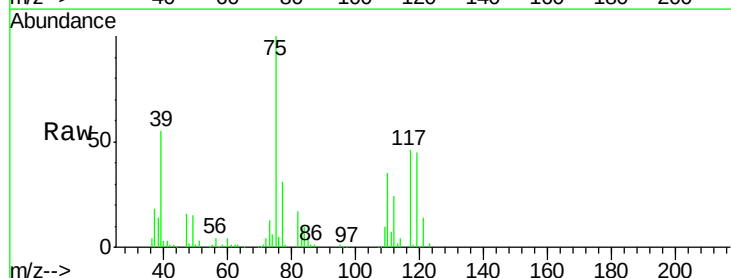
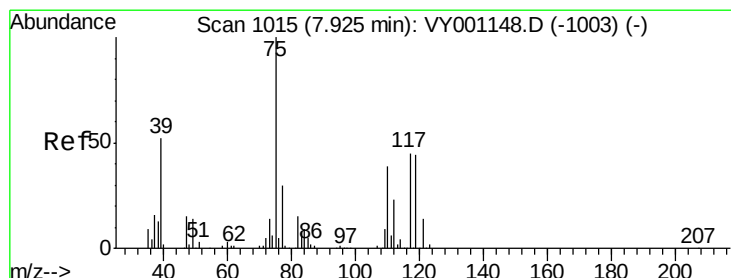
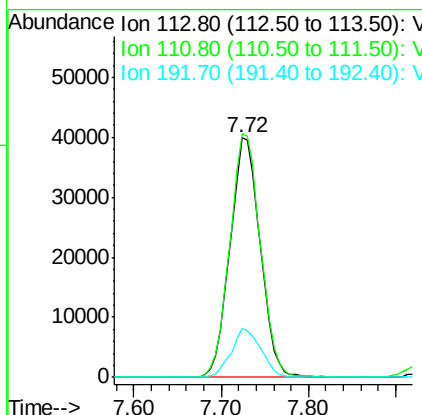
#35  
Dibromofluoromethane  
Concen: 47.507 ug/l  
RT: 7.72 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 95951 |       |       |
| 111     | 102.8 | 82.9  | 124.3 |       |
| 192     | 20.2  | 15.4  | 23.2  |       |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

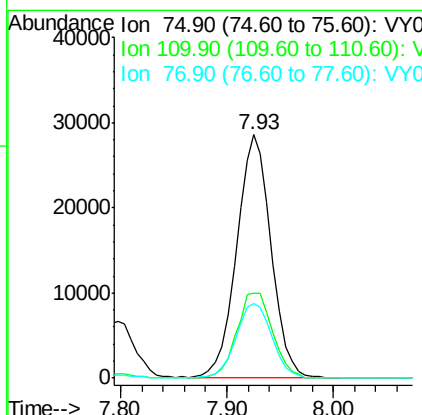
Manual Integrations  
APPROVED

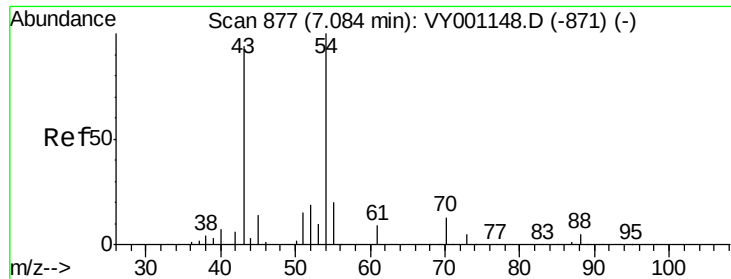
MMDadoda  
1/15/2020 9:30:21 AM



#36  
1,1-Dichloropropene  
Concen: 20.632 ug/l  
RT: 7.93 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 64870 |       |       |
| 110     | 36.5  | 18.3  | 54.8  |       |
| 77      | 31.9  | 25.1  | 37.7  |       |





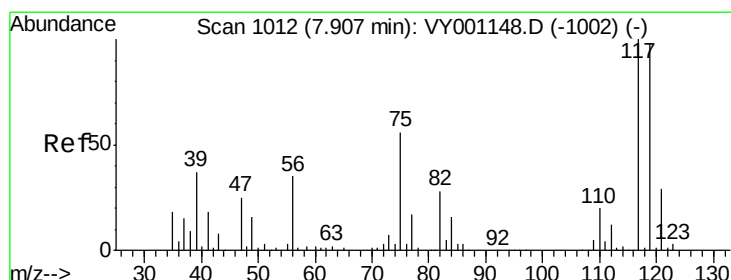
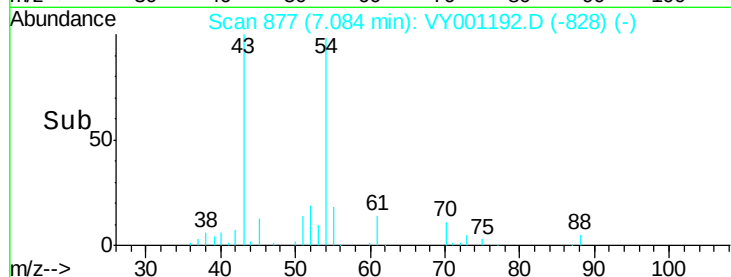
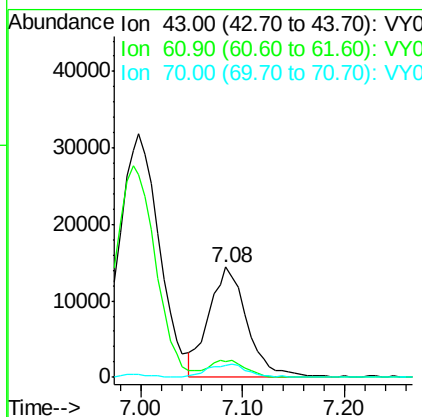
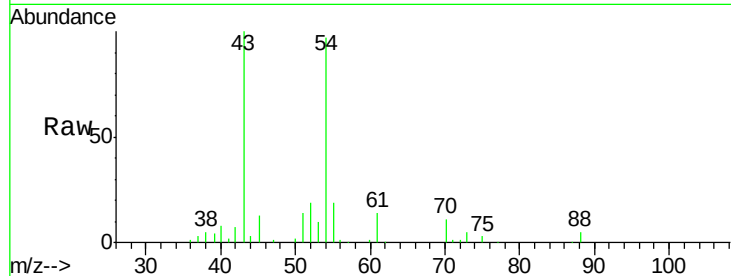
#37  
Ethyl Acetate  
Concen: 20.231 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 11.1  | 16.7  |
| 70      | 12.8  | 9.7   | 14.5  |

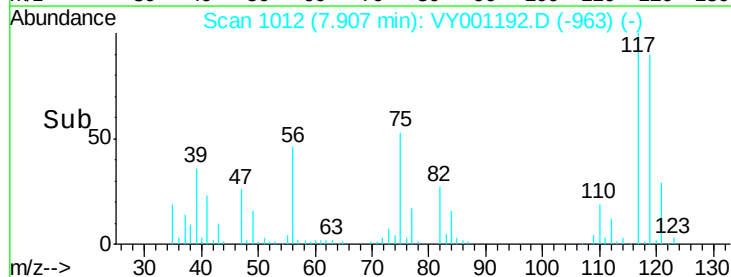
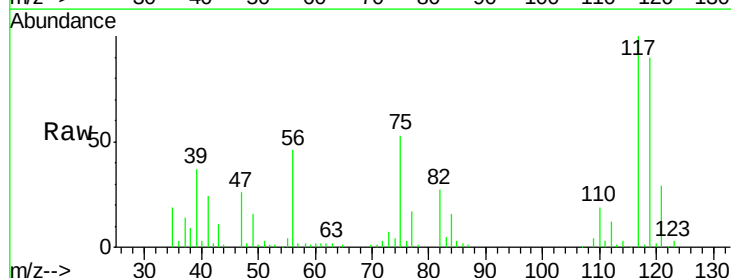
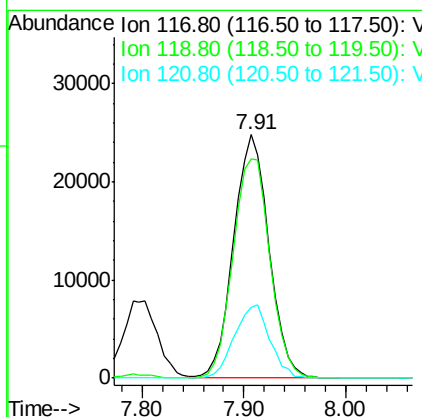
Manual Integrations  
APPROVED

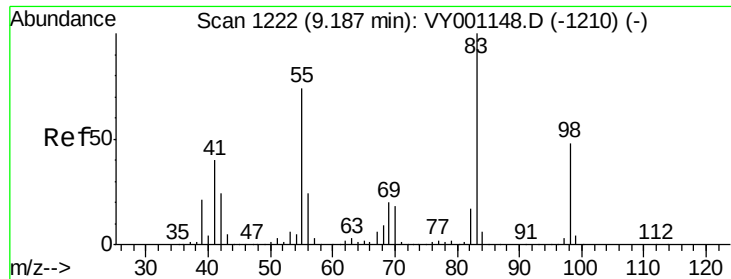
MMDadoda  
1/15/2020 9:30:21 AM



#38  
Carbon Tetrachloride  
Concen: 20.694 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.0  | 78.3  | 117.5 |
| 121     | 29.0  | 23.5  | 35.3  |





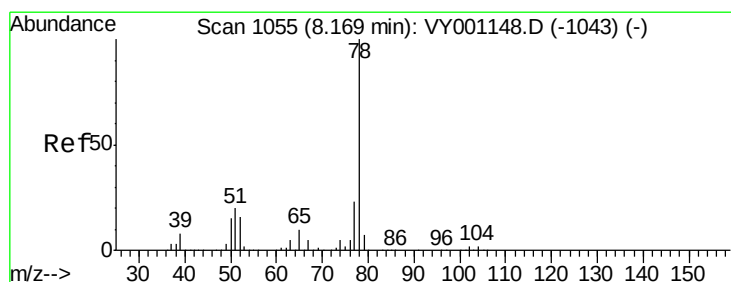
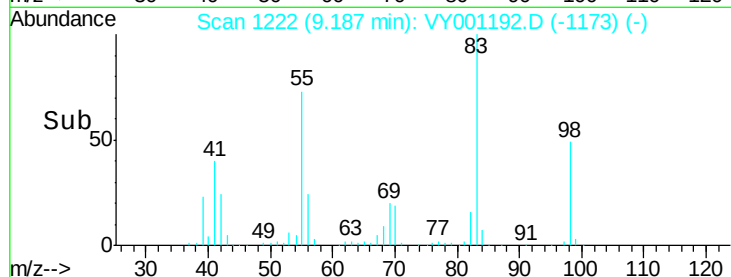
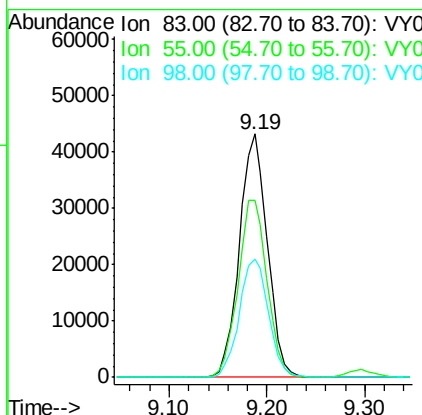
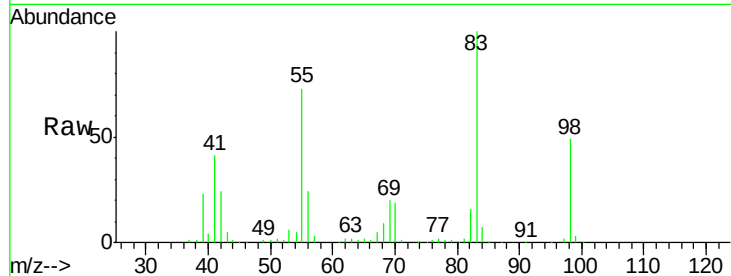
#39  
Methylvlcyclohexane  
Concen: 20.047 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.7  | 58.9  | 88.3  |
| 98      | 48.6  | 38.4  | 57.6  |

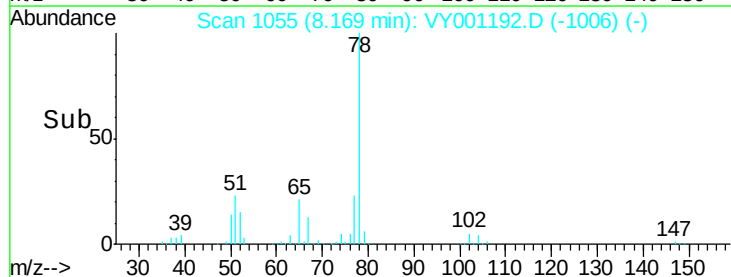
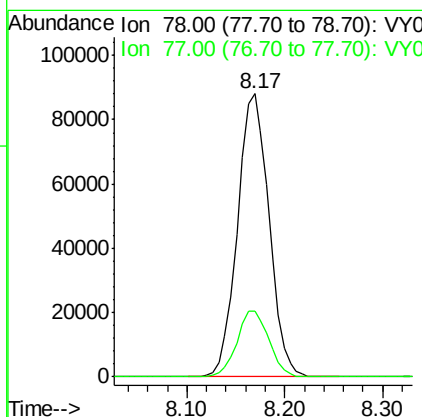
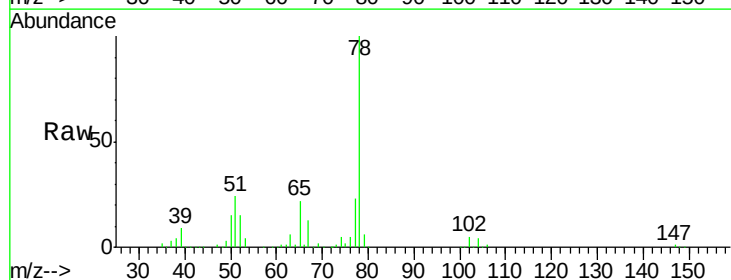
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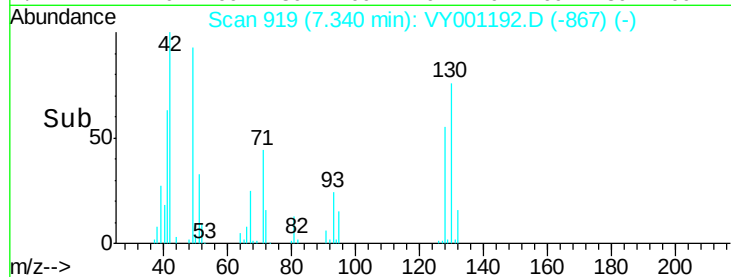
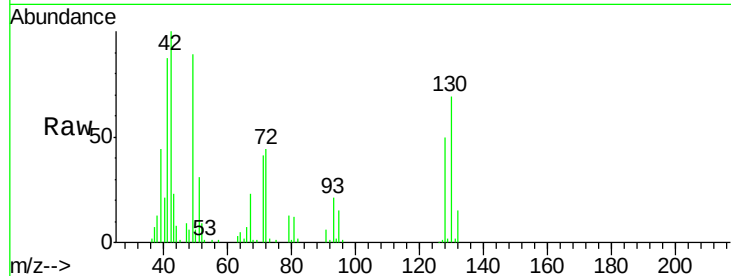
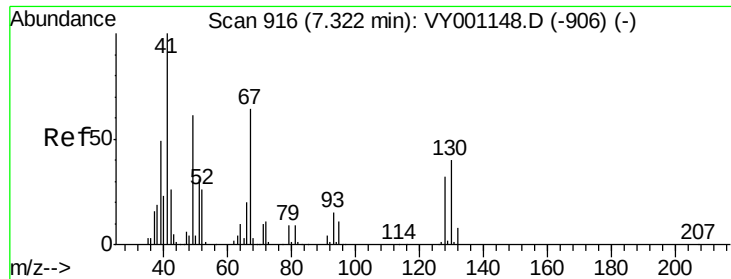


#40  
Benzene  
Concen: 21.438 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 18.8  | 28.2  |







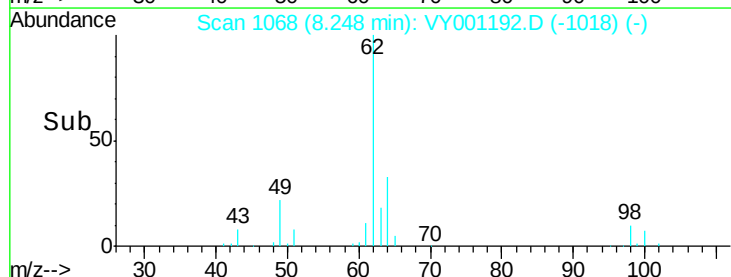
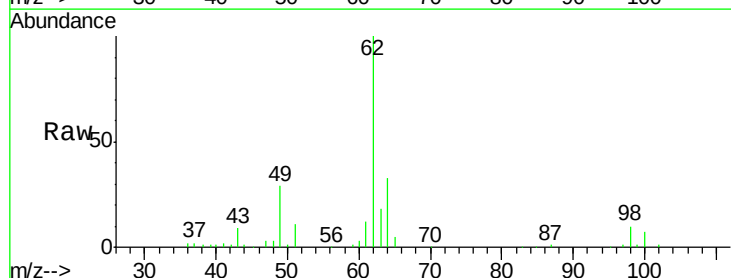
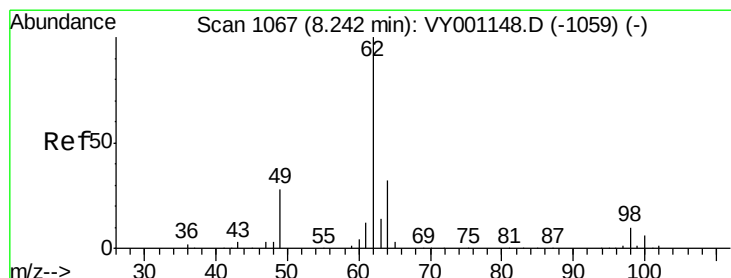
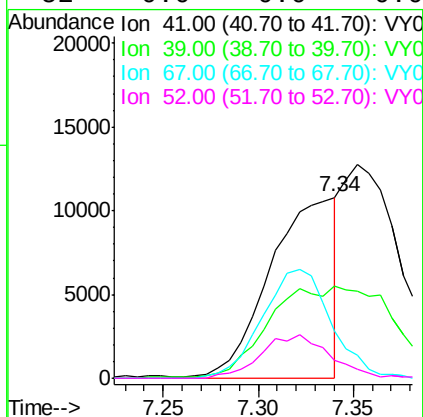
#41  
Methacrylonitrile  
Concen: 30.095 ug/l m  
RT: 7.34 min Scan# 919  
Delta R.T. 0.02 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tot Ion   | 41   | Resp: | 26085  |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 41        | 100  |       |        |
| 39        | 96.4 | 103.5 | 155.3# |
| 67        | 0.0  | 0.0   | 0.0    |
| 52        | 0.0  | 0.0   | 0.0    |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

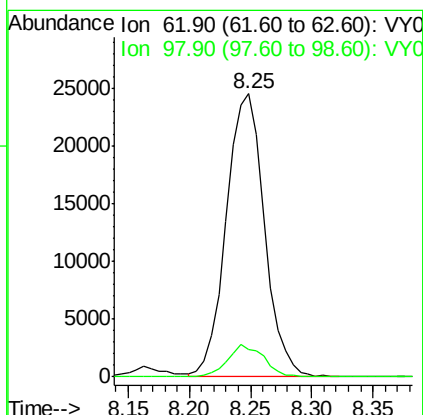
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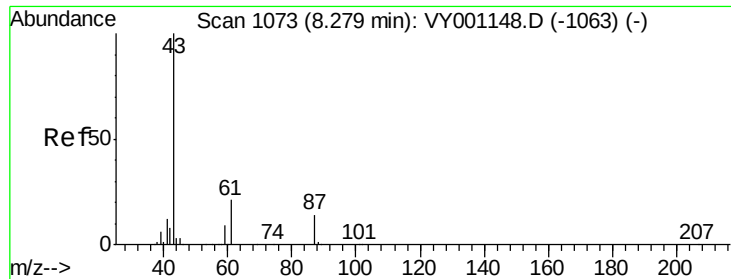
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 20.599 ug/l  
RT: 8.25 min Scan# 1068  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion   | 62   | Resp: | 52937 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 62        | 100  |       |       |
| 98        | 10.8 | 0.0   | 20.4  |





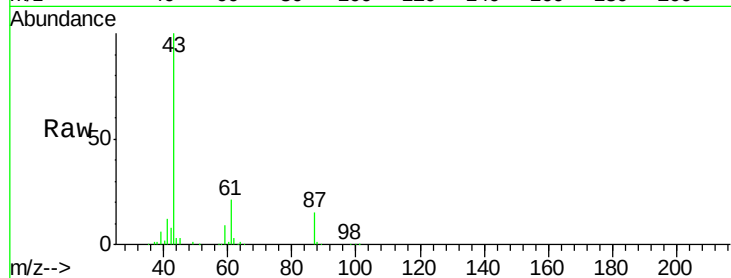
#43  
Isopropyl Acetate  
Concen: 21.291 ug/l  
RT: 8.28 min Scan# 1074  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

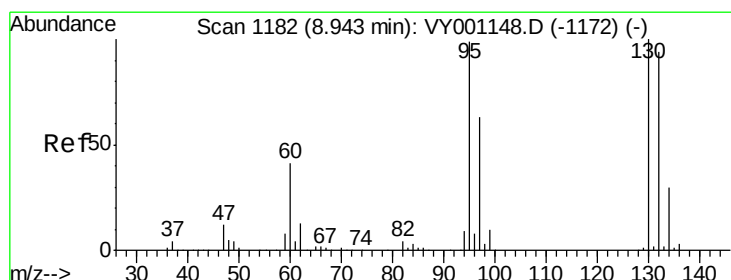
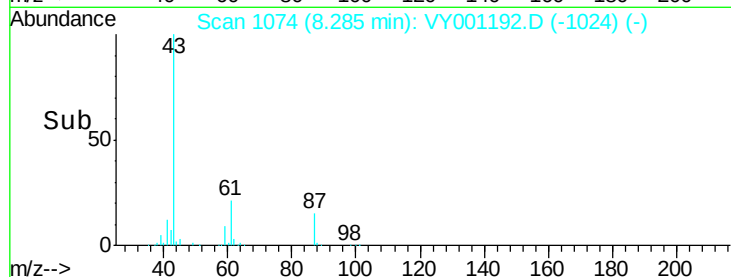
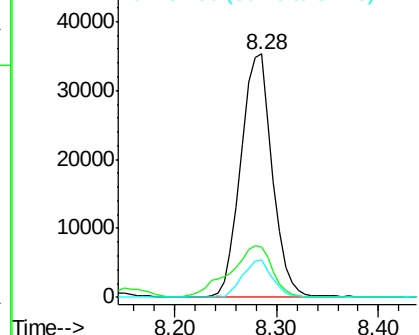
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.0  | 23.9  | 35.9  |
| 87      | 14.6  | 11.4  | 17.2  |

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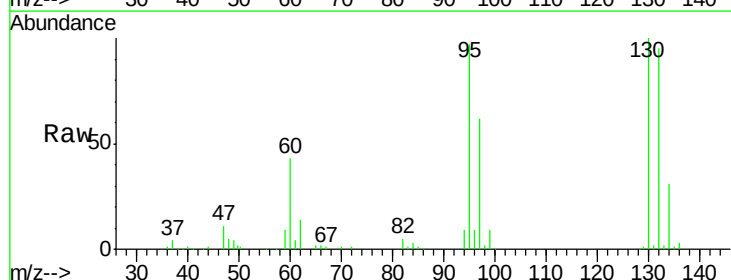


Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 61.00 (60.70 to 61.70): VY0  
Ion 87.00 (86.70 to 87.70): VY0

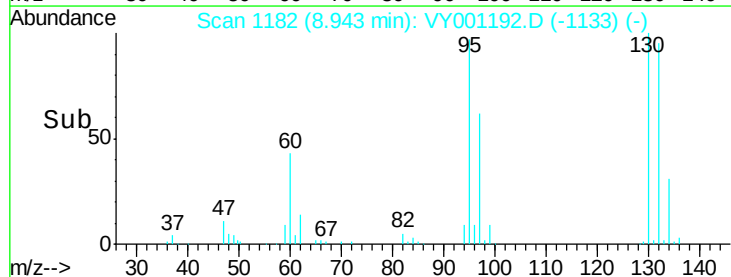
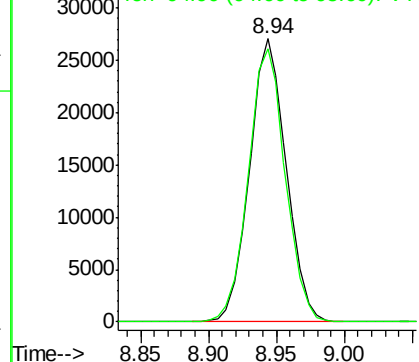


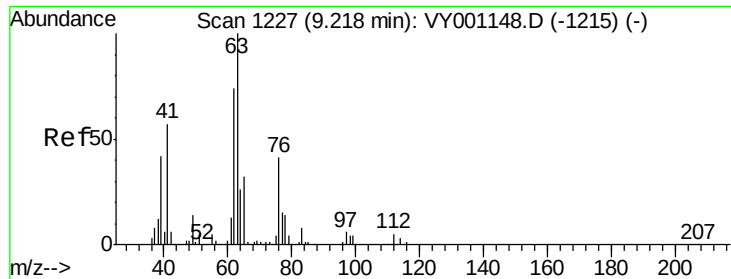
#44  
Trichloroethene  
Concen: 21.341 ug/l  
RT: 8.94 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 96.6  | 0.0   | 197.6 |



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 21.615 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 63 Resp: 49043

Ion Ratio Lower Upper

63 100

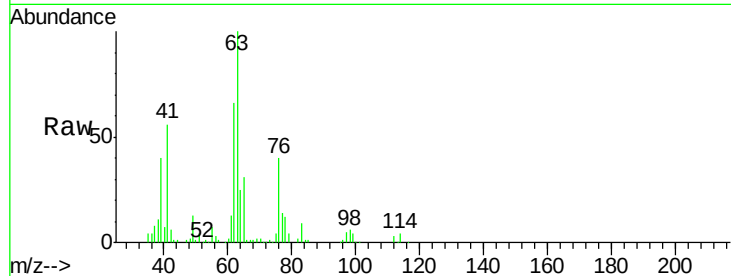
65 31.5 25.8 38.8

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

25000

20000

15000

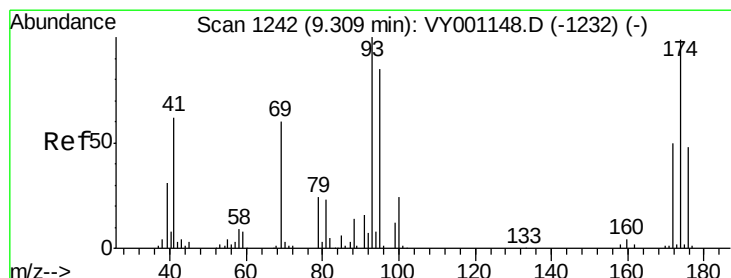
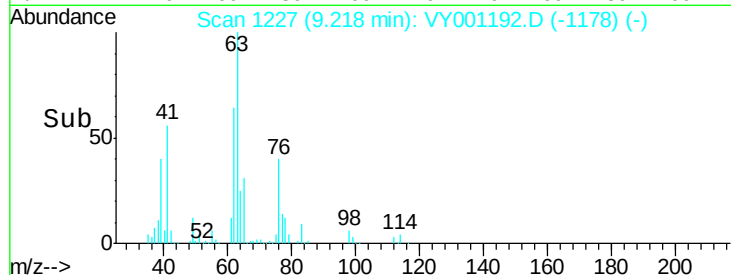
10000

5000

0

Time-->

9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 21.155 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

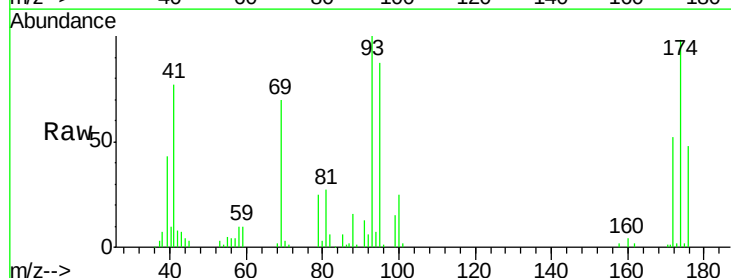
Tgt Ion: 93 Resp: 26189

Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 99.6 78.4 117.6



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

15000

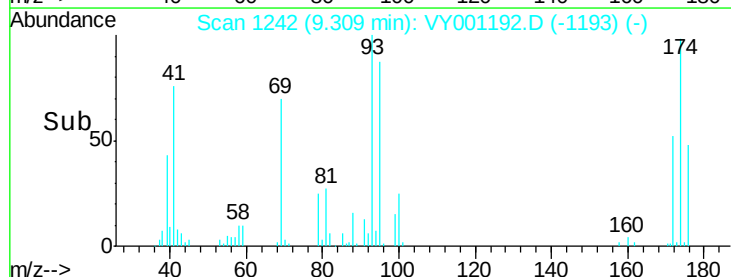
10000

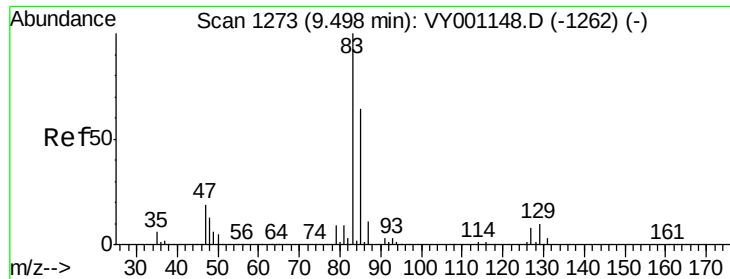
5000

0

Time-->

9.20 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 21.024 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

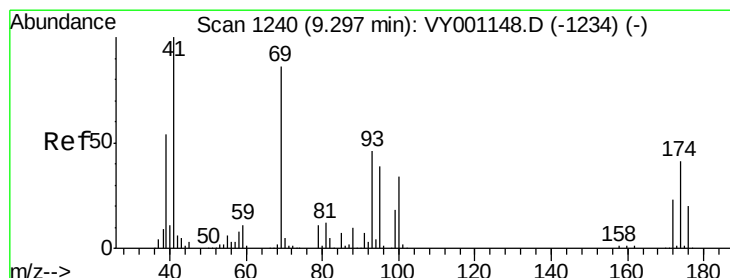
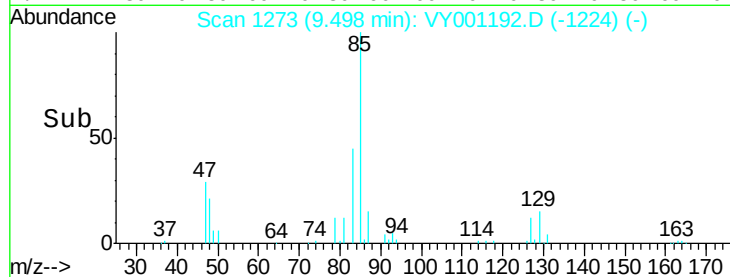
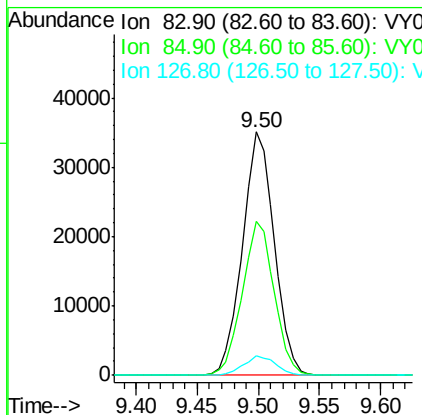
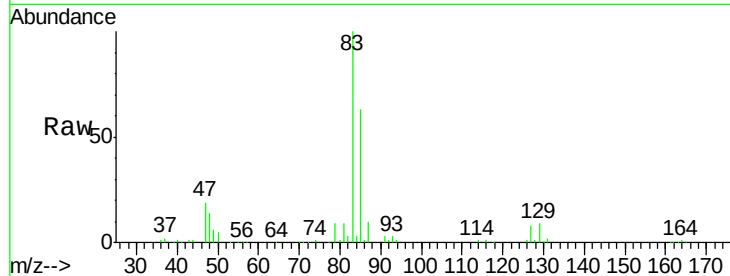
ClientSampleId :

VY0114SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 63430 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.3  | 51.5  | 77.3  |
| 127      | 7.8   | 6.3   | 9.5   |

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#48

Methyl methacrylate

Concen: 21.035 ug/l

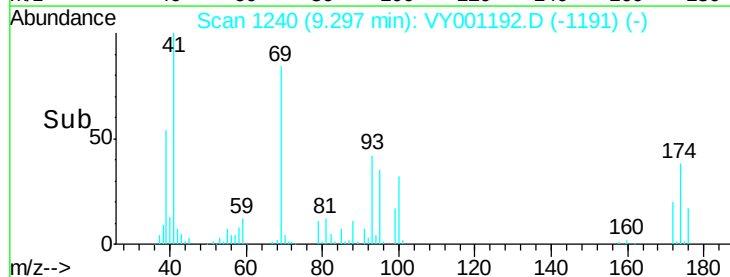
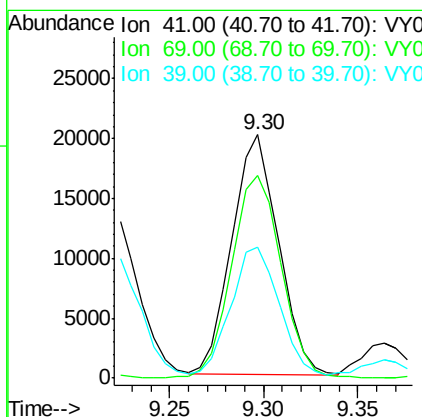
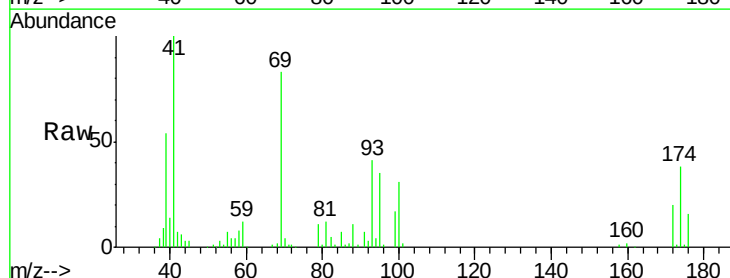
RT: 9.30 min Scan# 1240

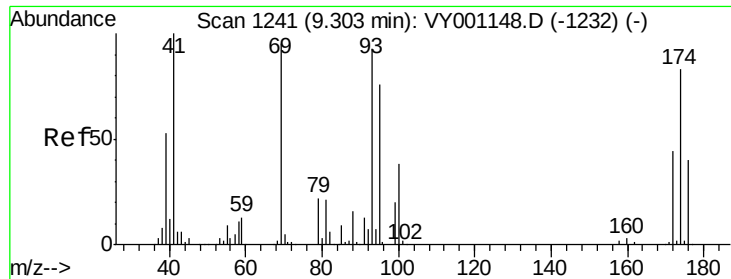
Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 34346 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 90.7  | 69.8  | 104.8 |
| 39       | 57.6  | 45.2  | 67.8  |





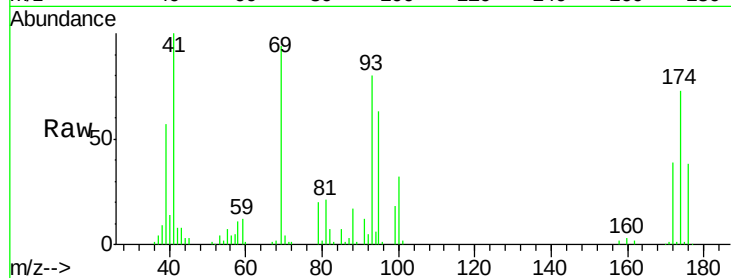
#49  
1,4-Dioxane  
Concen: 448.650 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

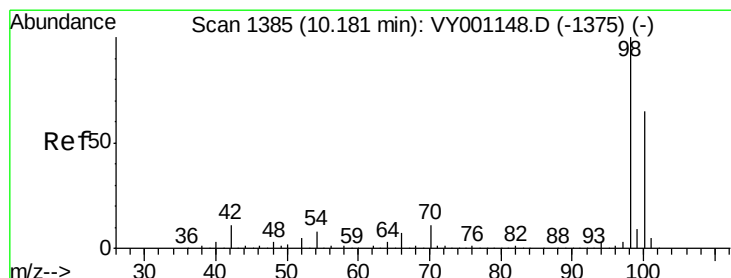
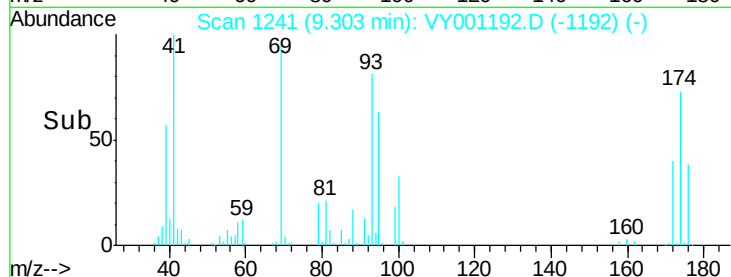
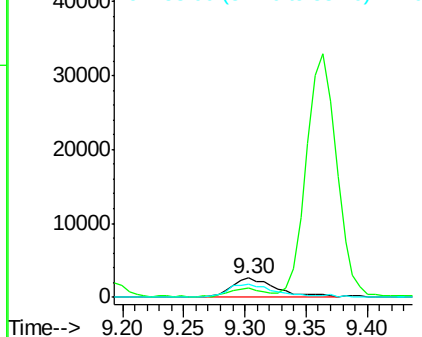
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.9  | 22.4  | 33.6# |
| 58      | 74.3  | 58.0  | 87.0  |

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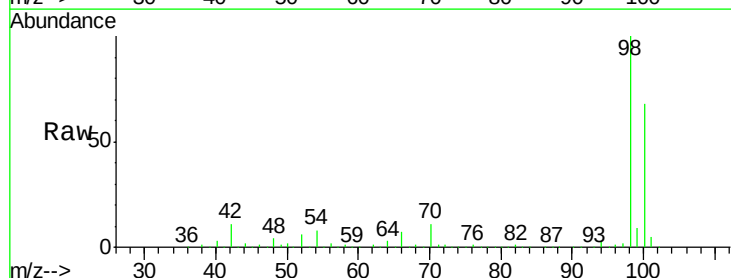


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

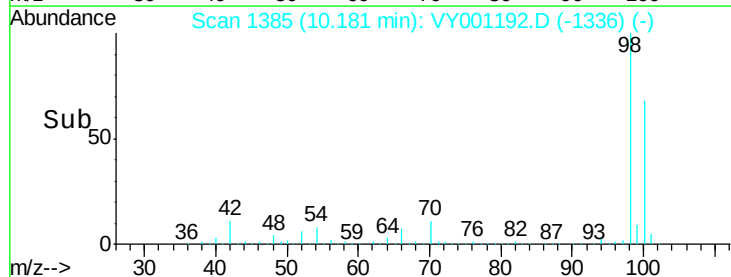
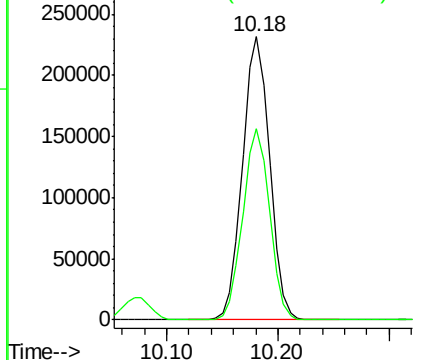


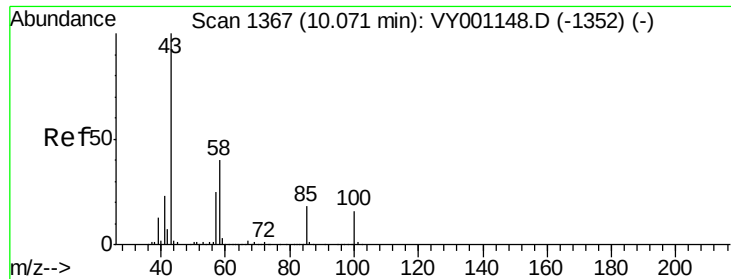
#50  
Toluene-d8  
Concen: 50.356 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 67.0  | 53.1  | 79.7  |



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





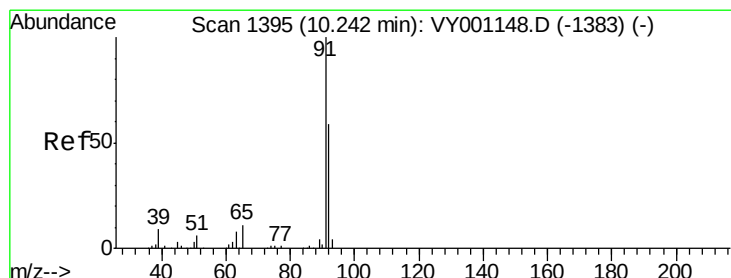
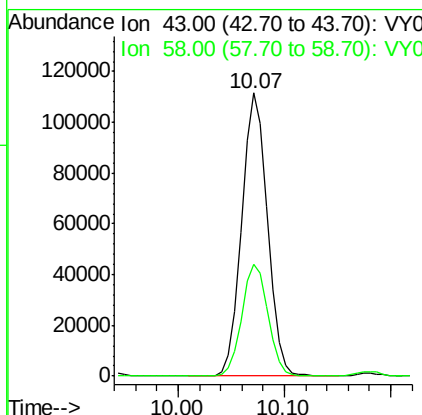
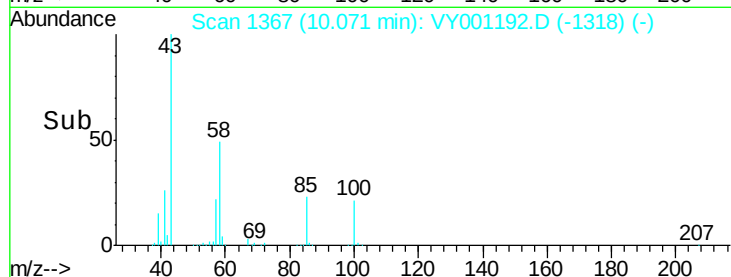
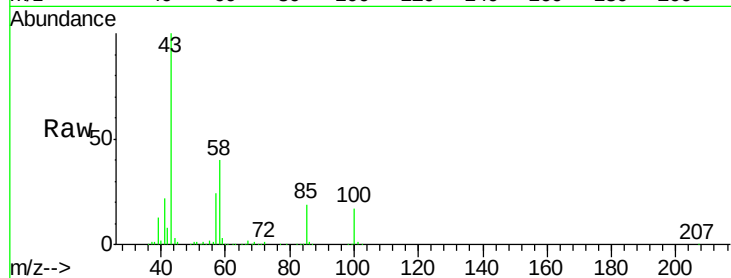
#51  
 4-Methyl-2-Pentanone  
 Concen: 105.620 ug/l  
 RT: 10.07 min Scan# 1367  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 40.3  | 32.3  | 48.5  |

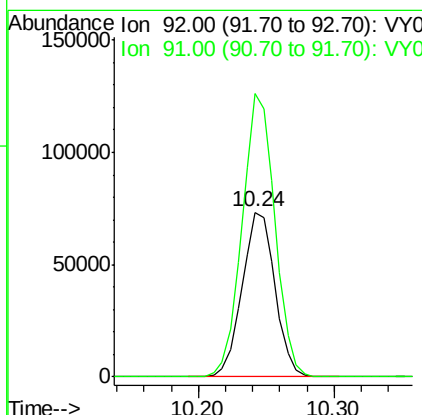
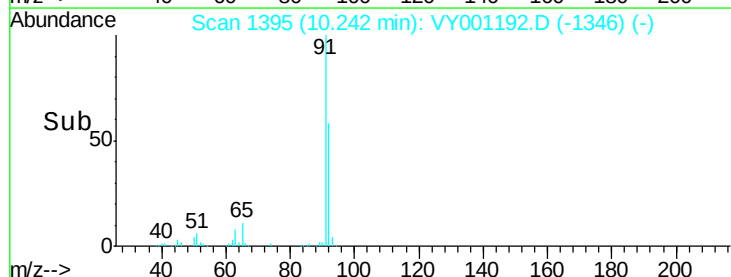
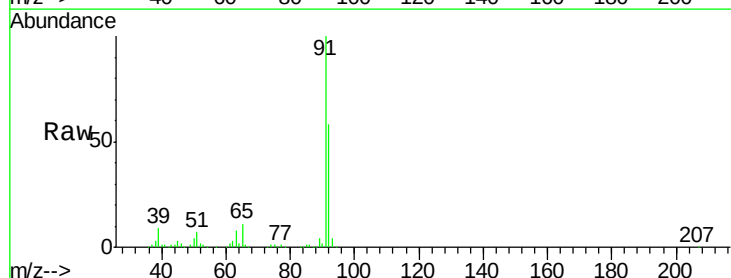
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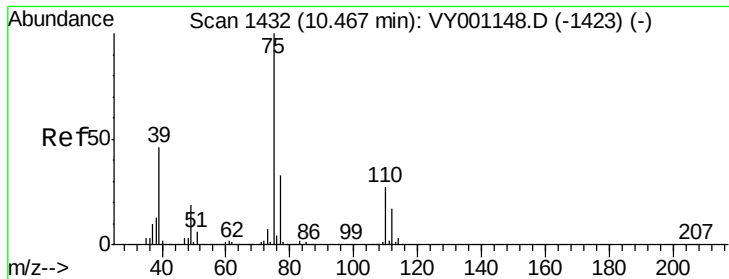
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 1/15/2020 9:30:21 AM



#52  
 Toluene  
 Concen: 21.140 ug/l  
 RT: 10.24 min Scan# 1395  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 171.2 | 136.6 | 204.8 |





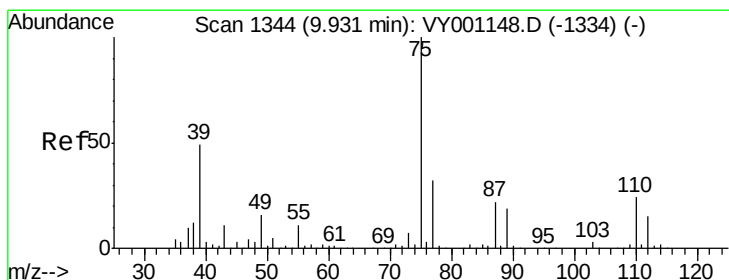
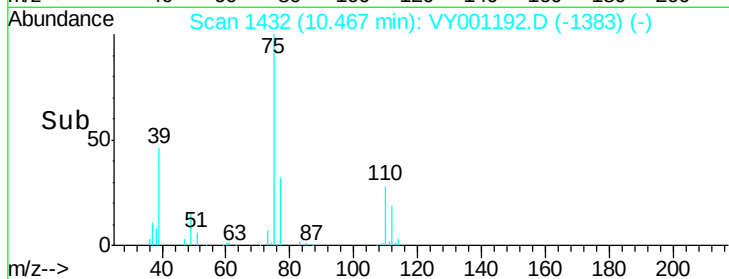
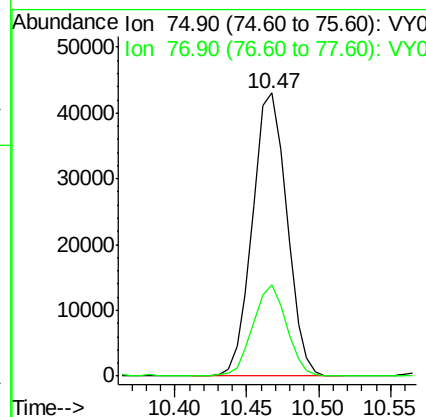
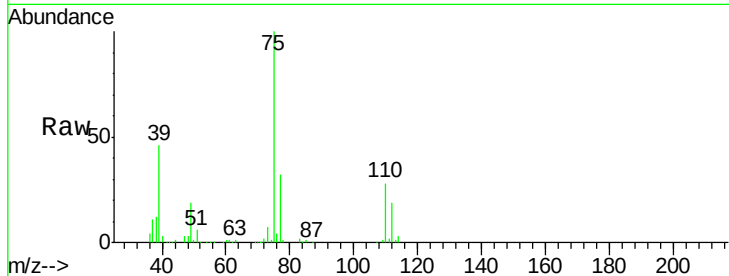
#53  
 t-1,3-Dichloropropene  
 Concen: 21.042 ug/l  
 RT: 10.47 min Scan# 1432  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

Tot Ion: 75 Resp: 71039  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 26.2 39.2

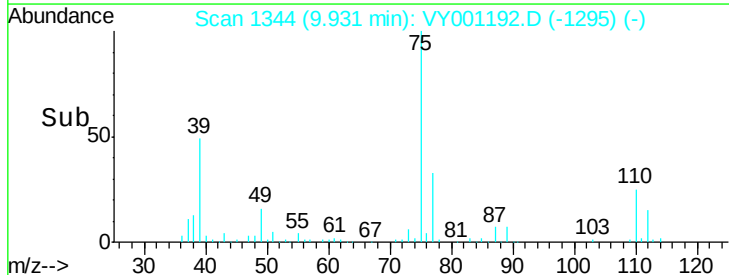
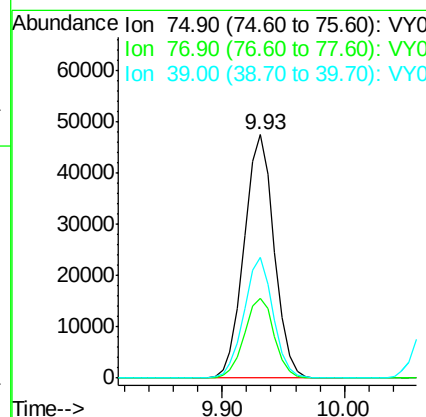
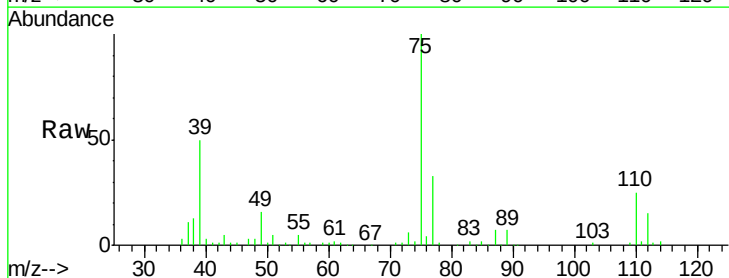
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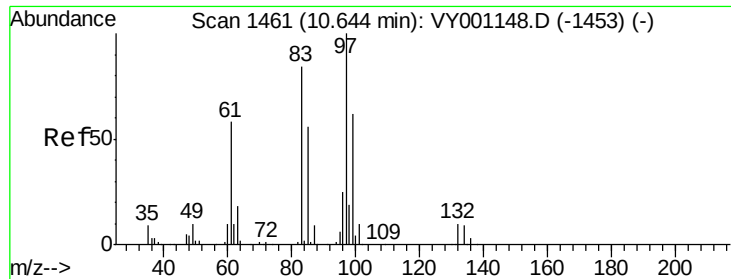
MMDadoda  
 1/15/2020 9:30:21 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.180 ug/l  
 RT: 9.93 min Scan# 1344  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Tgt Ion: 75 Resp: 80620  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 25.3 37.9  
 39 49.4 39.1 58.7





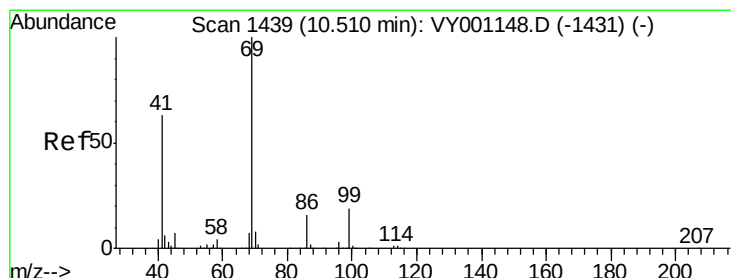
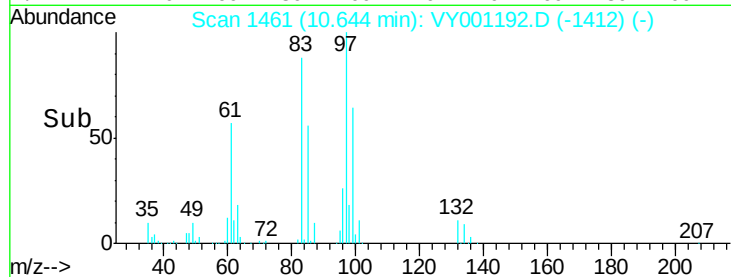
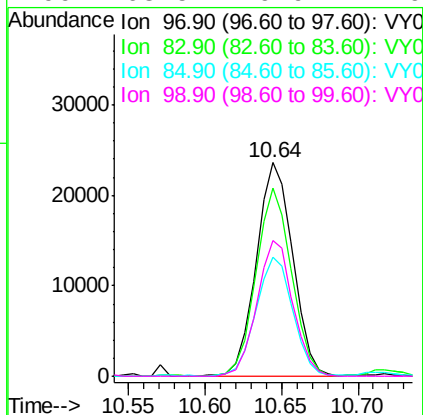
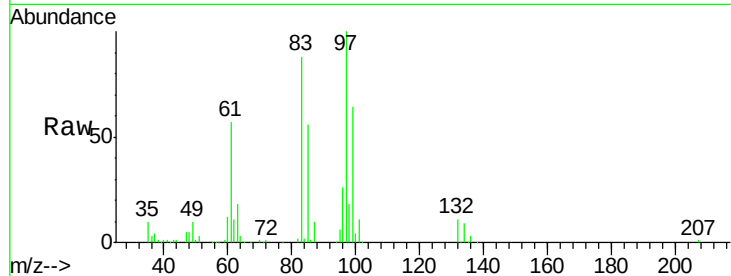
#55  
 1,1,2-Trichloroethane  
 Concen: 21.352 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 39187 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.3  | 67.2  | 100.8 |
| 85       | 55.6  | 44.9  | 67.3  |
| 99       | 63.5  | 49.9  | 74.9  |

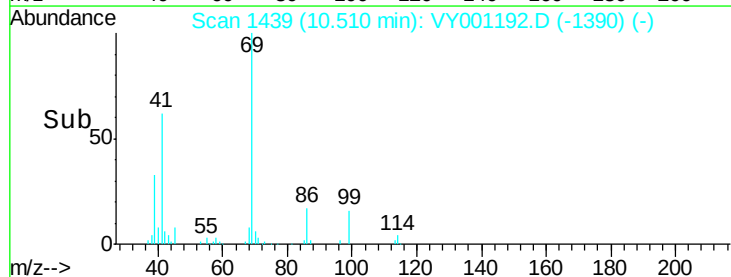
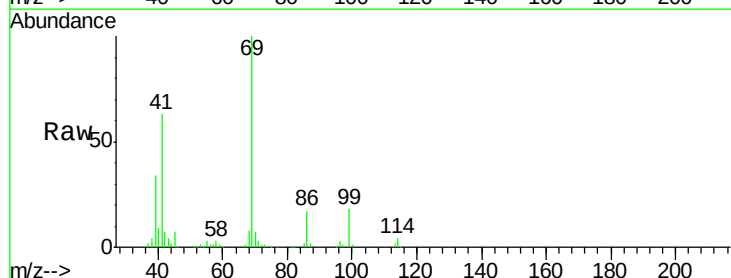
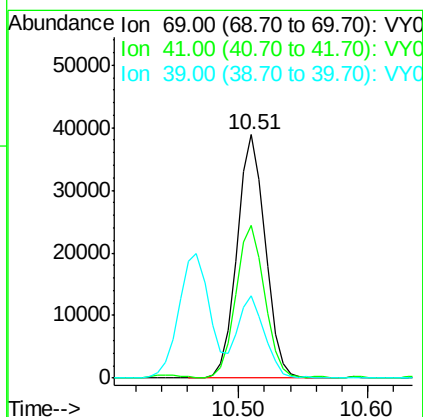
Manual Integrations  
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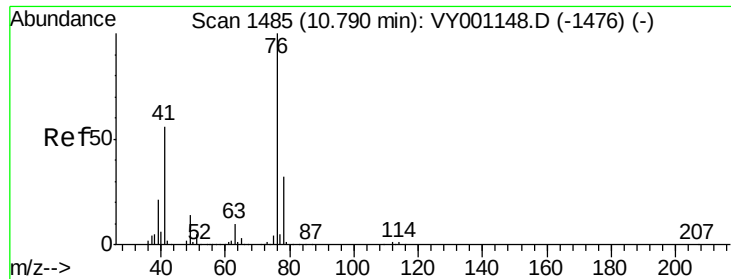


#56  
 Ethyl methacrylate  
 Concen: 21.035 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 59055 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.1  | 51.4  | 77.2  |
| 39       | 31.2  | 26.3  | 39.5  |







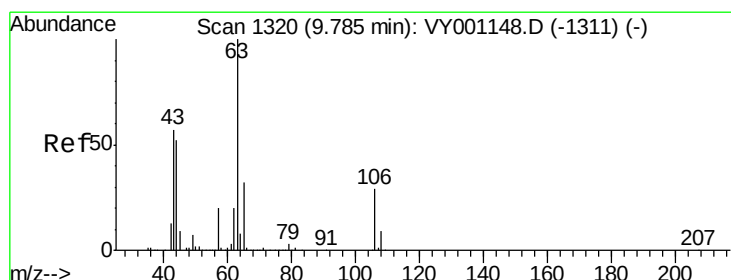
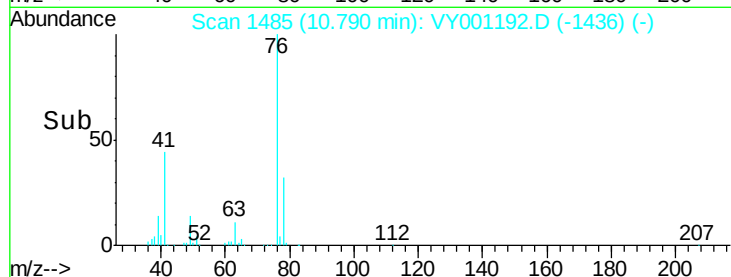
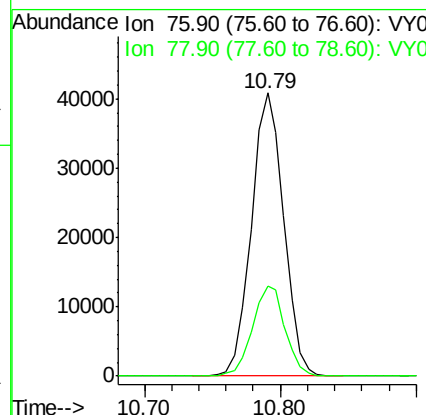
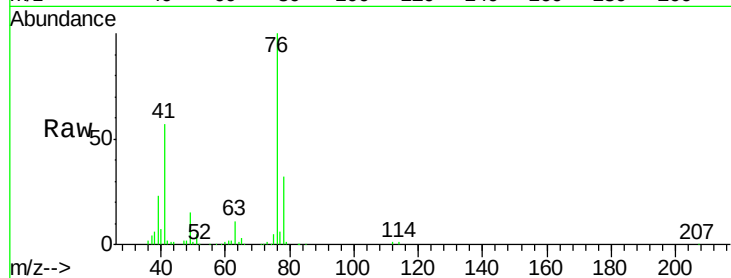
#57  
 1,3-Dichloropropane  
 Concen: 21.495 ug/l  
 RT: 10.79 min Scan# 1485  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 26.1  | 39.1  |

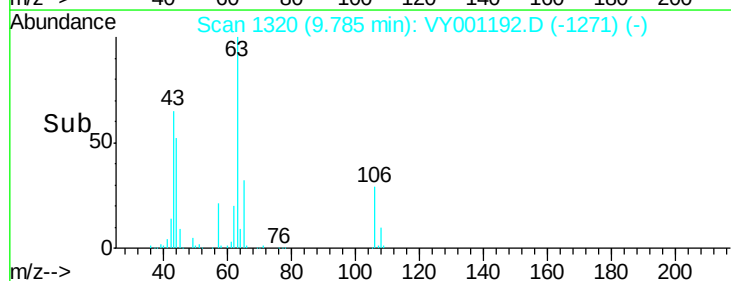
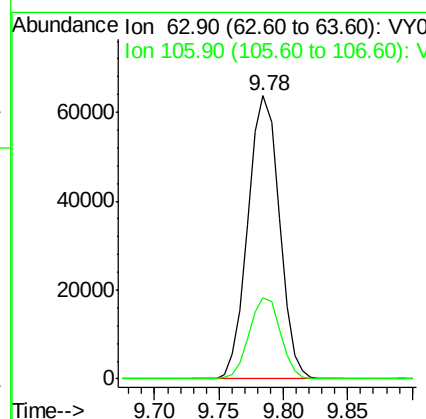
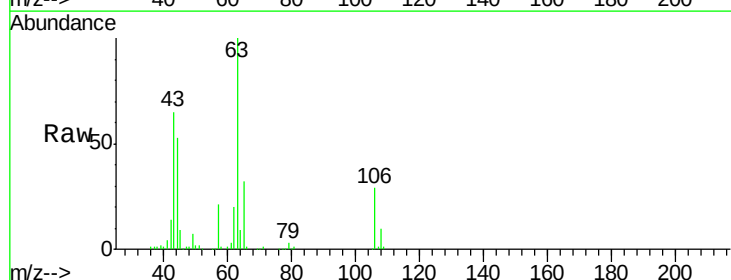
Manual Integrations  
 APPROVED

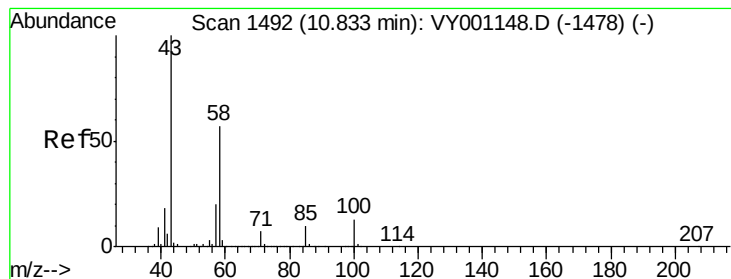
MMDadoda  
 1/15/2020 9:30:21 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 108.930 ug/l  
 RT: 9.78 min Scan# 1320  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.6  | 23.0  | 34.6  |





#59

2-Hexanone

Concen: 107.947 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 43 Resp: 135444

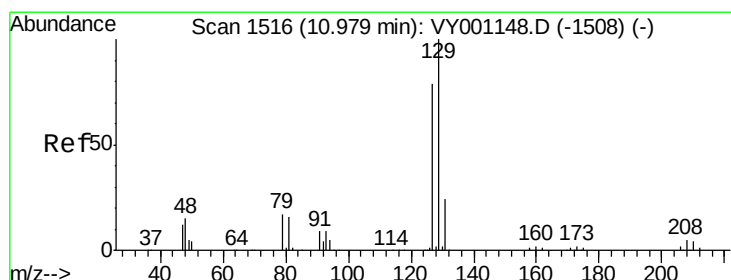
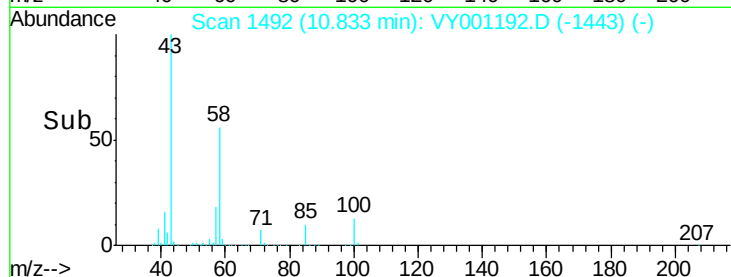
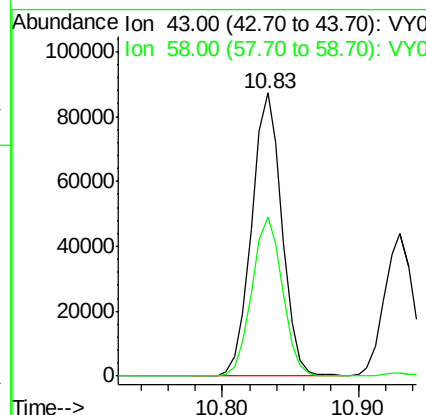
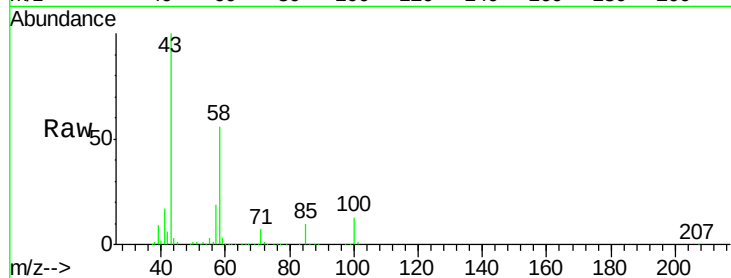
Ion Ratio Lower Upper

43 100

58 56.8 28.4 85.2

Manual Integrations  
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1/15/2020 9:30:21 AM



#60

Dibromochloromethane

Concen: 20.943 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VY001192.D

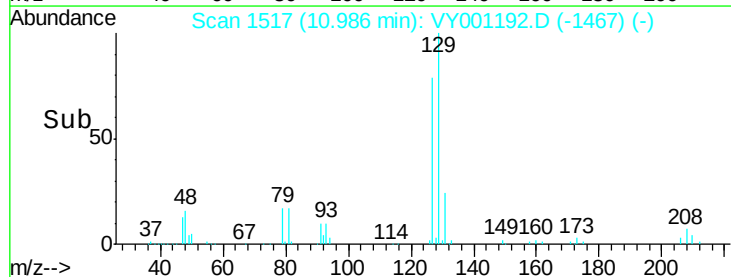
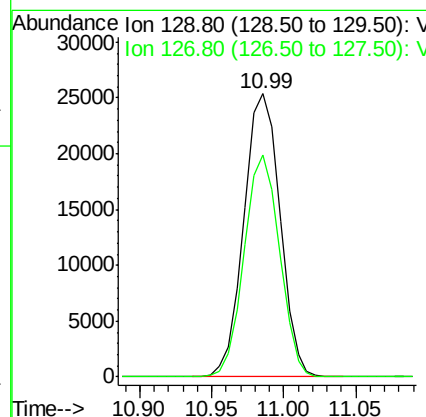
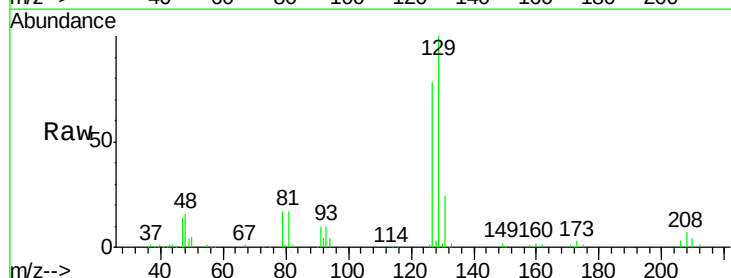
Acq: 14 Jan 2020 10:39

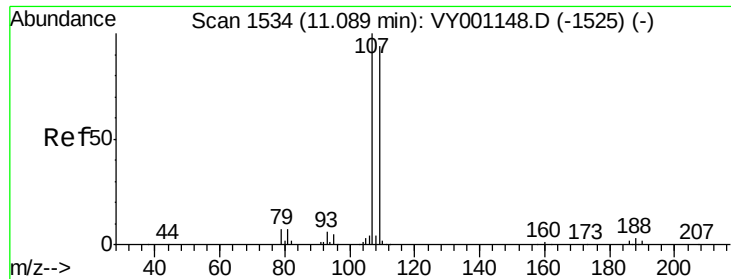
Tgt Ion: 129 Resp: 44255

Ion Ratio Lower Upper

129 100

127 76.7 38.9 116.7





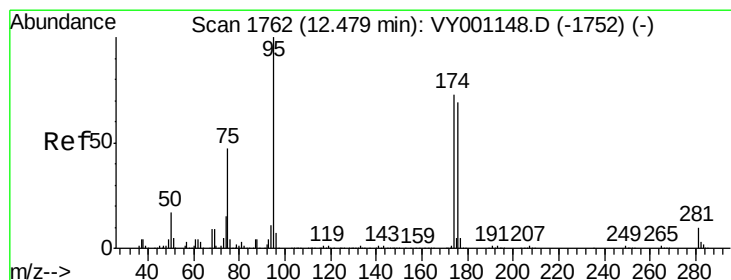
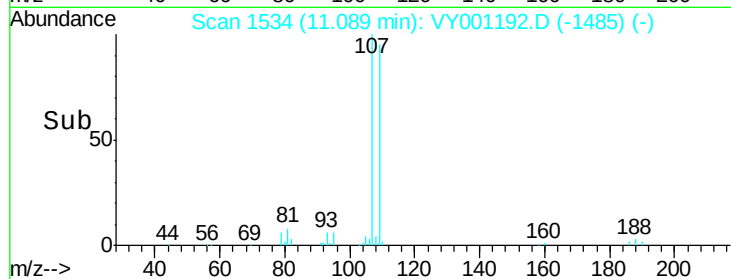
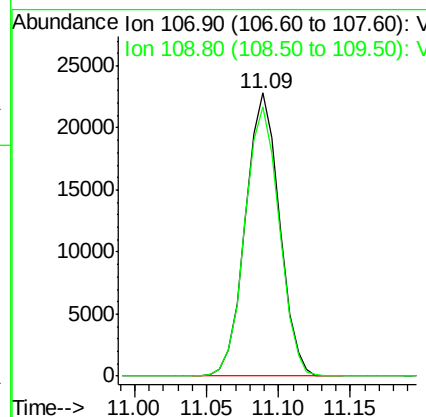
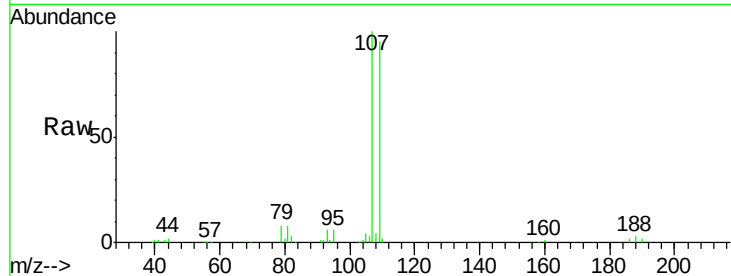
#61  
 1,2-Dibromoethane  
 Concen: 20.795 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 96.2  | 75.4  | 113.0 |

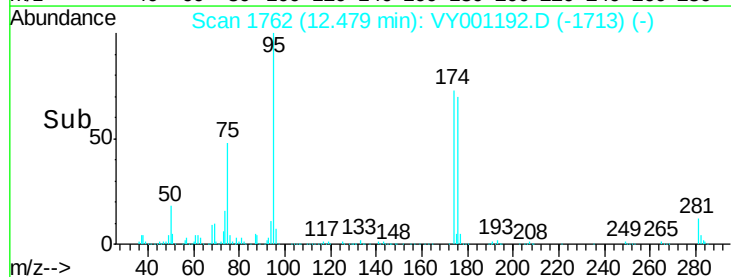
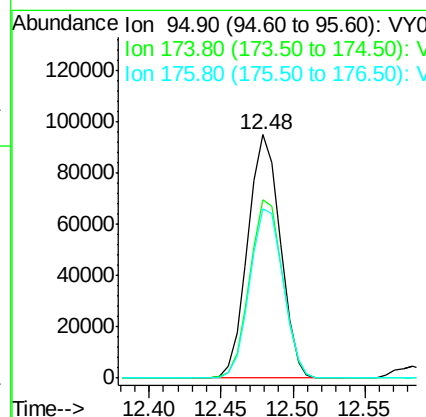
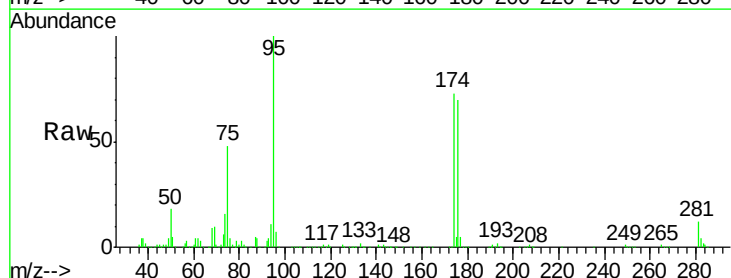
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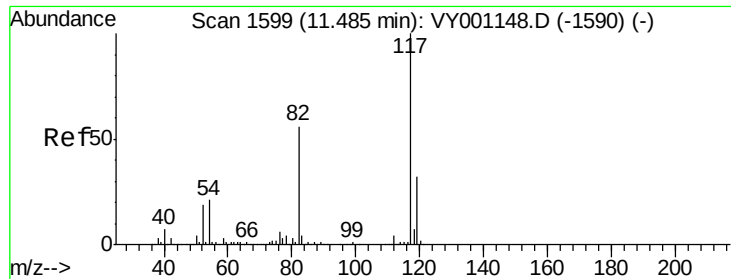
MMDadoda  
 1/15/2020 9:30:21 AM



#62  
 4-Bromofluorobenzene  
 Concen: 46.532 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 73.9  | 0.0   | 143.2 |
| 176     | 71.7  | 0.0   | 136.0 |





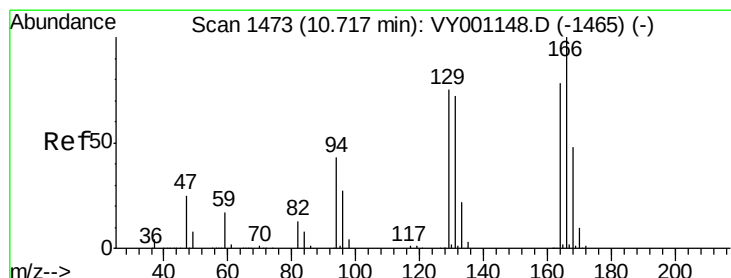
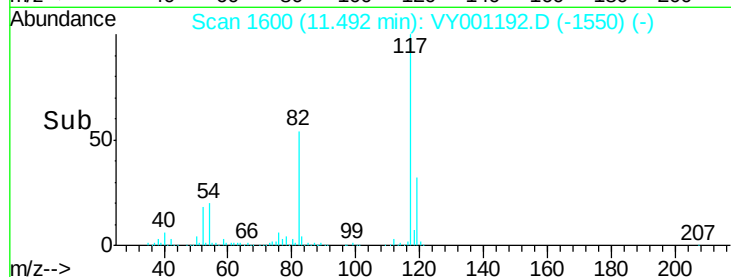
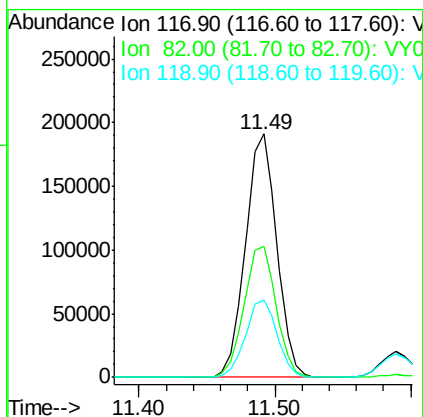
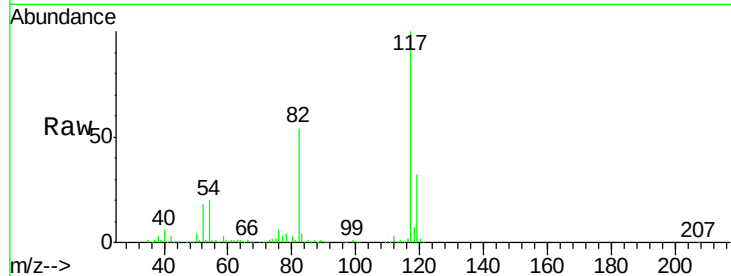
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 307240 |       |       |
| 82      | 54.0  |        | 44.9  | 67.3  |
| 119     | 31.7  |        | 25.7  | 38.5  |

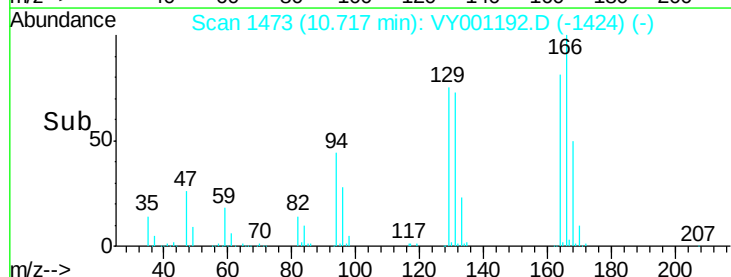
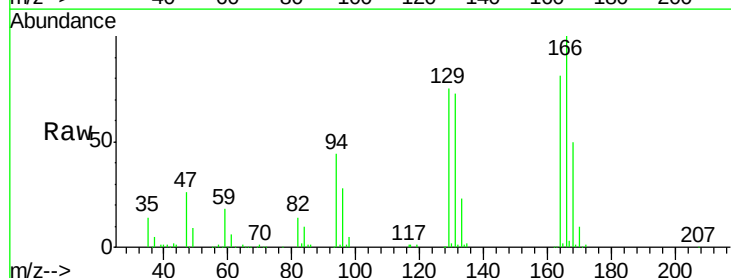
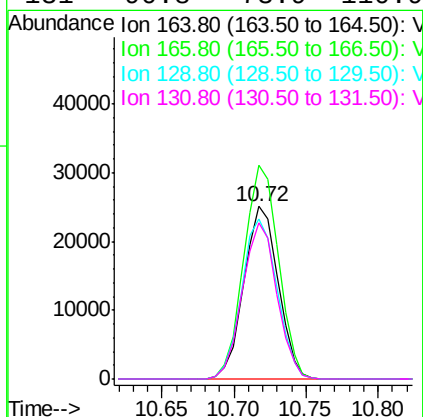
Manual Integrations  
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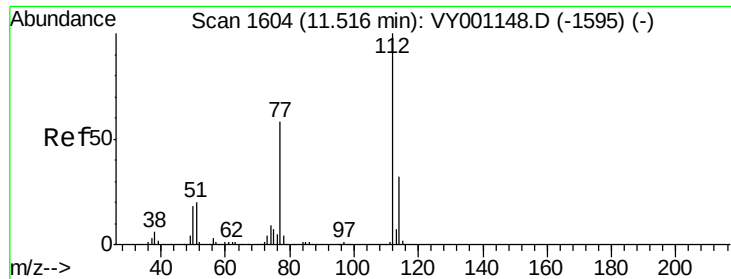
MMDadoda  
1/15/2020 9:30:21 AM



#64  
Tetrachloroethene  
Concen: 20.874 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 41342 |       |       |
| 166     | 123.8 |       | 102.3 | 153.5 |
| 129     | 93.1  |       | 76.2  | 114.4 |
| 131     | 90.8  |       | 73.9  | 110.9 |





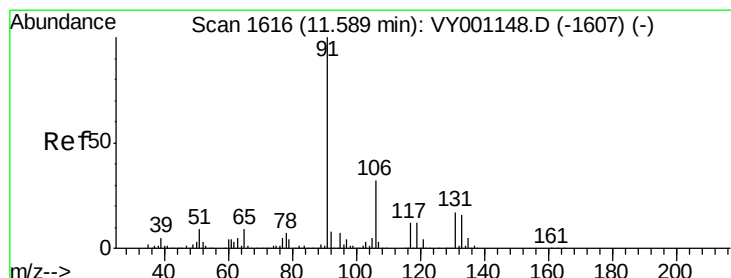
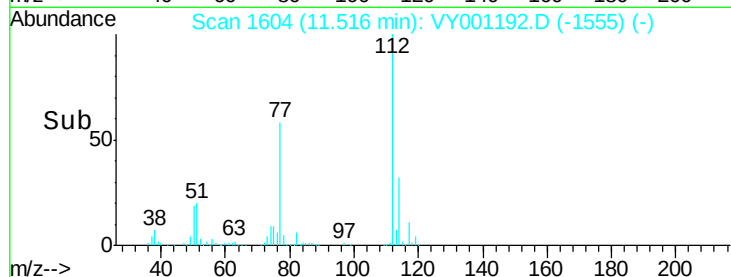
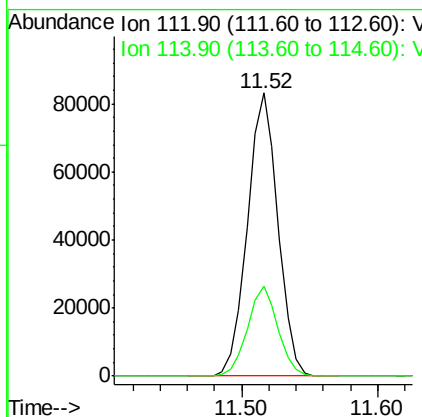
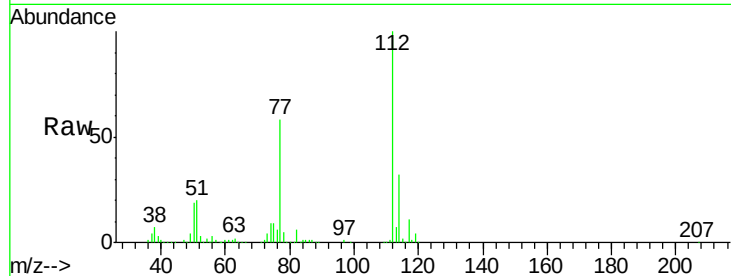
#65  
Chlorobenzene  
Concen: 21.235 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

Tot Ion:112 Resp: 130362  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.9 38.9

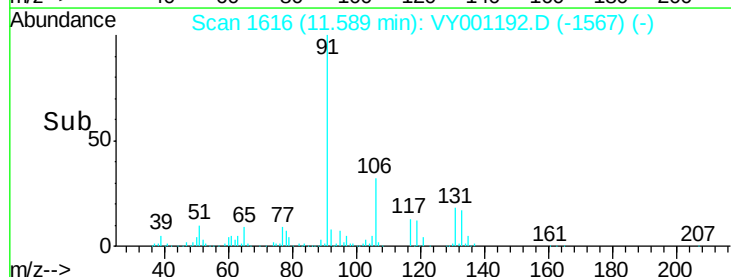
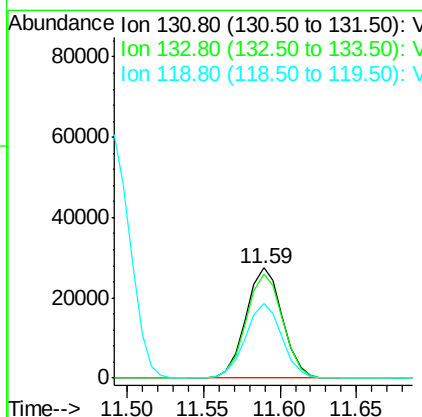
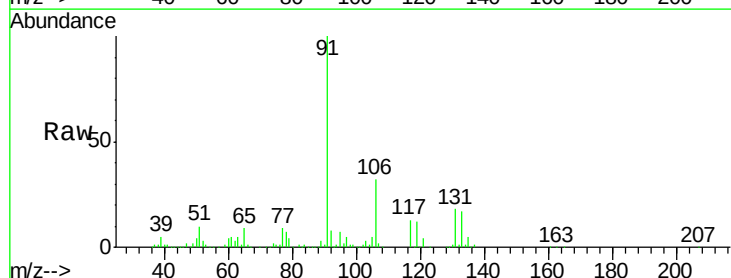
Manual Integrations  
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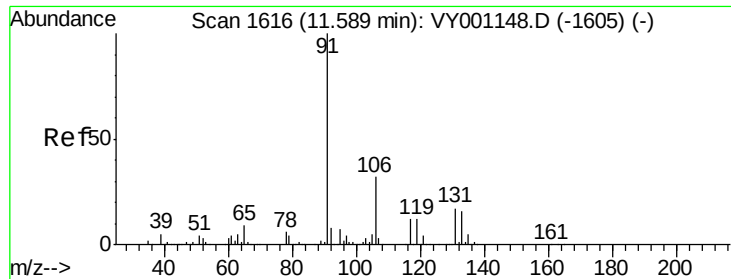
MMDadoda  
1/15/2020 9:30:21 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.427 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Tgt Ion:131 Resp: 45337  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.3 142.0  
119 68.0 33.6 100.8





#67

Ethyl Benzene

Concen: 21.207 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 91 Resp: 238166

Ion Ratio Lower Upper

91 100

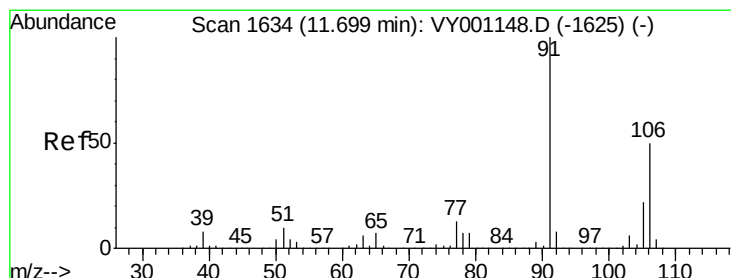
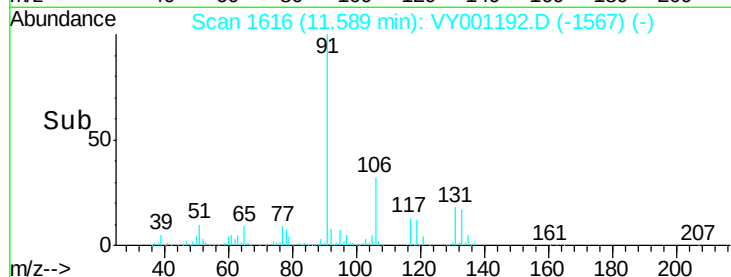
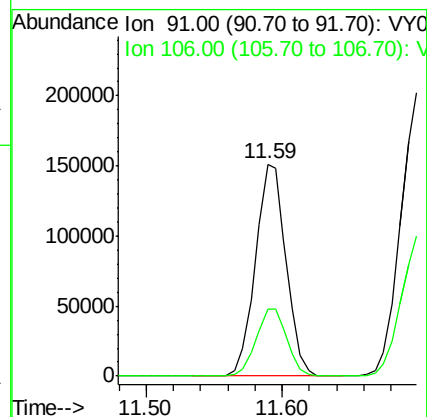
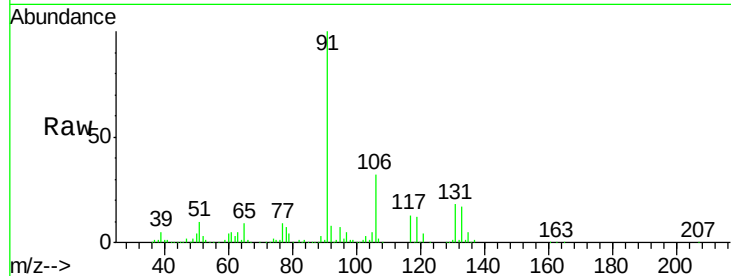
106 31.6 25.3 37.9

Manual Integrations

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MMDadoda

1/15/2020 9:30:21 AM



#68

m/p-Xylenes

Concen: 42.899 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY001192.D

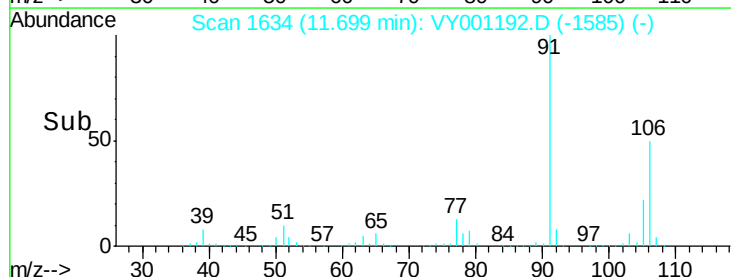
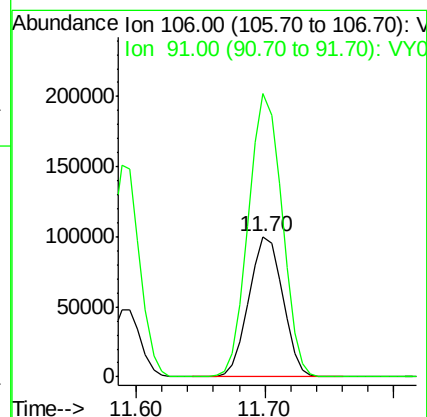
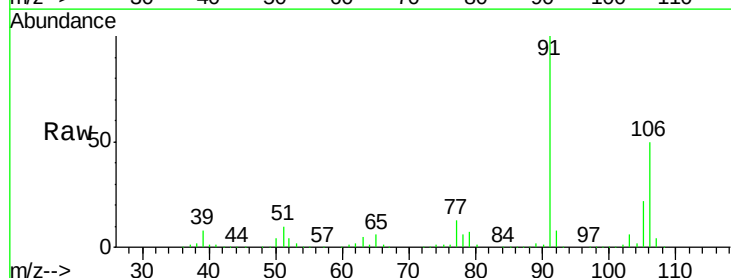
Acq: 14 Jan 2020 10:39

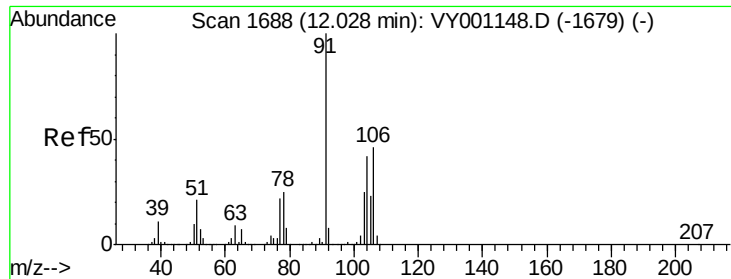
Tgt Ion: 106 Resp: 181741

Ion Ratio Lower Upper

106 100

91 201.0 161.4 242.2





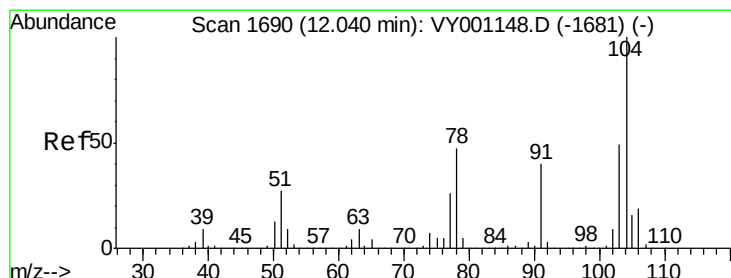
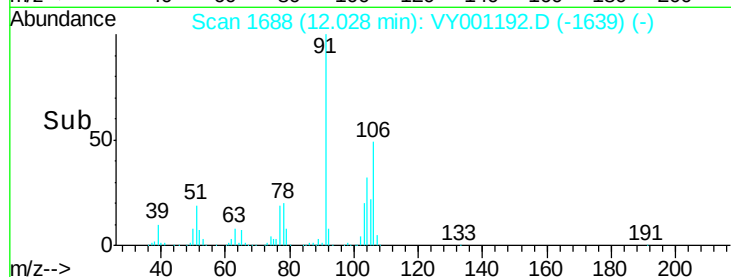
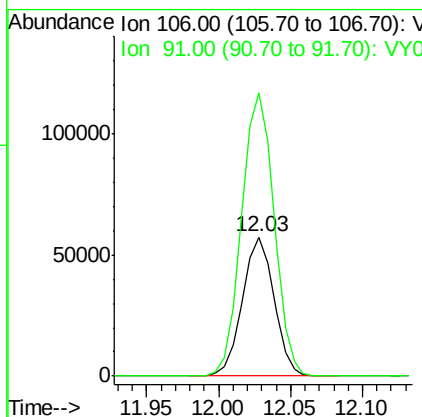
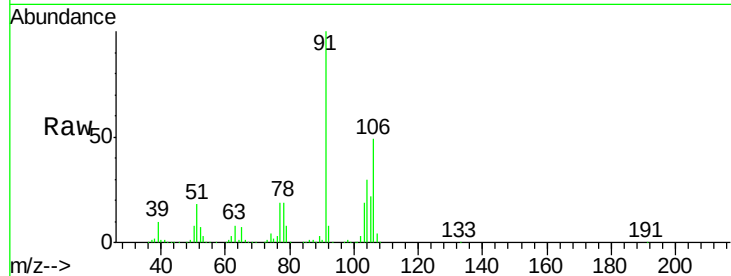
#69  
o-Xylene  
Concen: 21.532 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0114SBS01

Tot Ion:106 Resp: 87459  
Ion Ratio Lower Upper  
106 100  
91 208.6 106.3 318.8

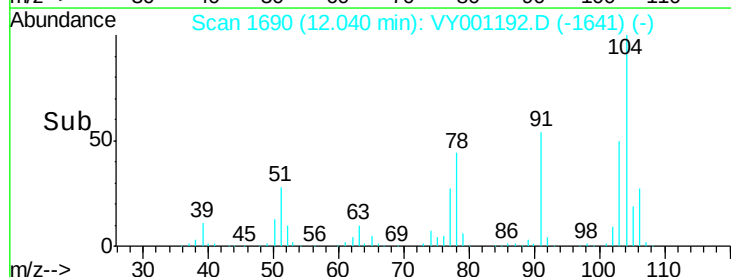
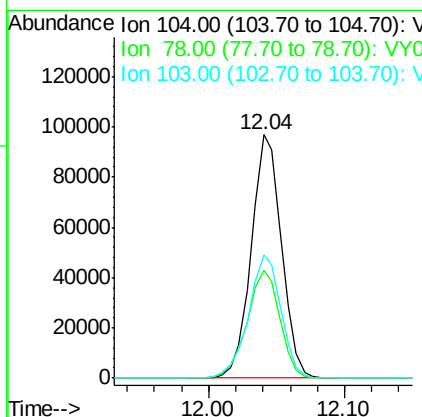
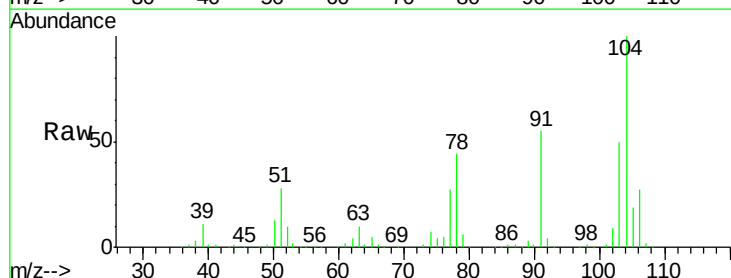
Manual Integrations  
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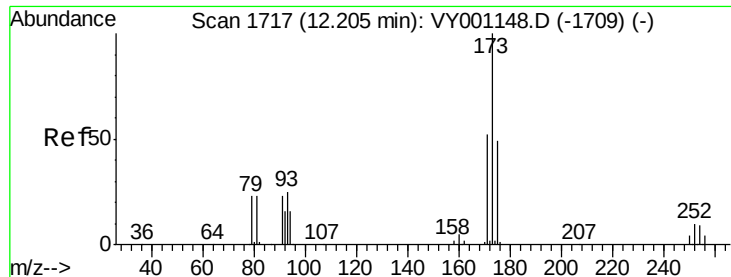
MMDadoda  
1/15/2020 9:30:21 AM



#70  
Styrene  
Concen: 21.158 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Tgt Ion:104 Resp: 150794  
Ion Ratio Lower Upper  
104 100  
78 47.9 40.5 60.7  
103 54.2 42.4 63.6





#71

Bromoform

Concen: 20.863 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

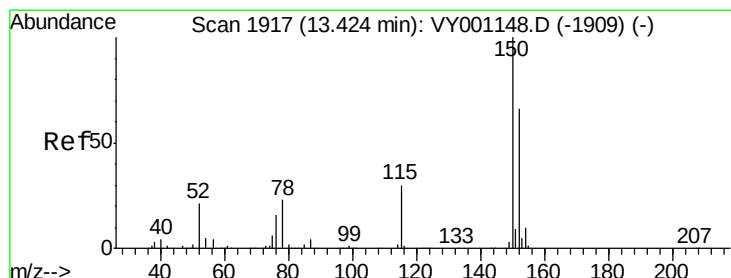
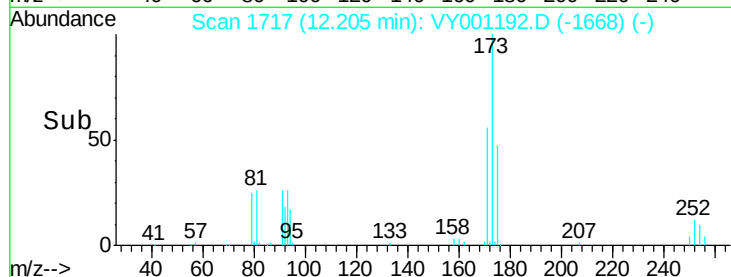
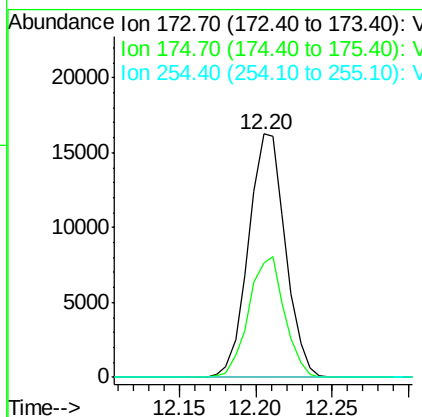
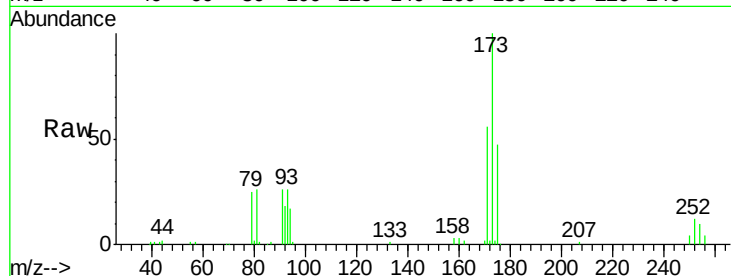
ClientSampleId :

VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.1  | 24.1  | 72.2  |
| 254     | 0.0   | 0.1   | 0.1#  |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

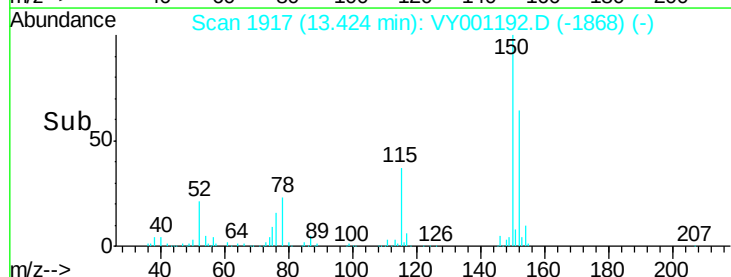
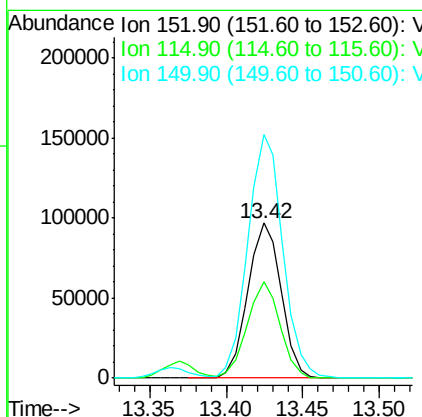
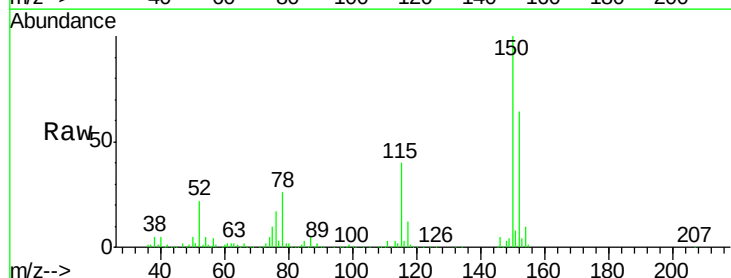
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

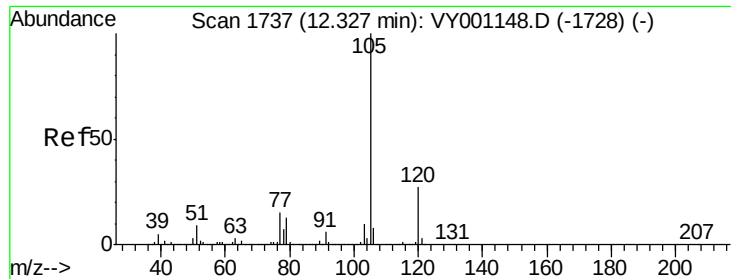
Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.9  | 30.9  | 92.5  |
| 150     | 164.6 | 0.0   | 346.8 |







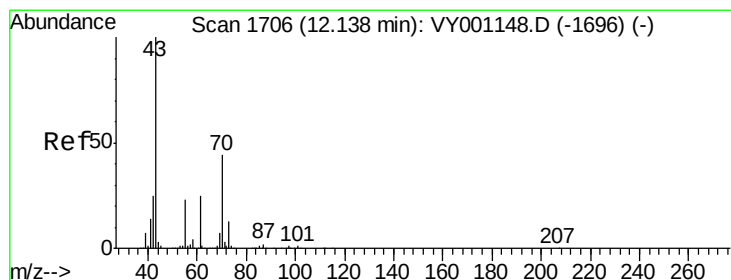
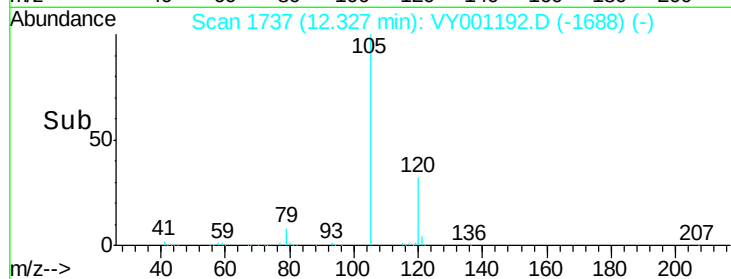
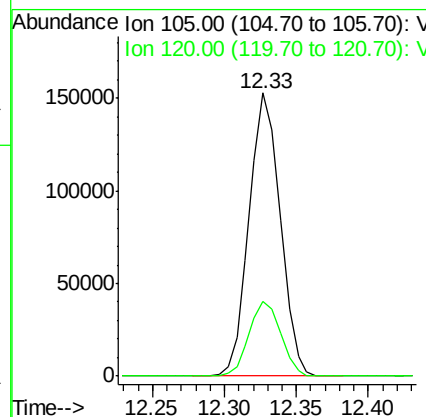
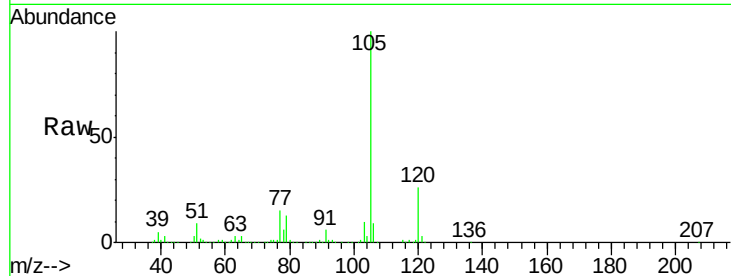
#73  
Isopropylbenzene  
Concen: 20.631 ug/l  
RT: 12.33 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 228010 |       |       |
| 120     | 26.9  | 13.4   | 40.2  |       |

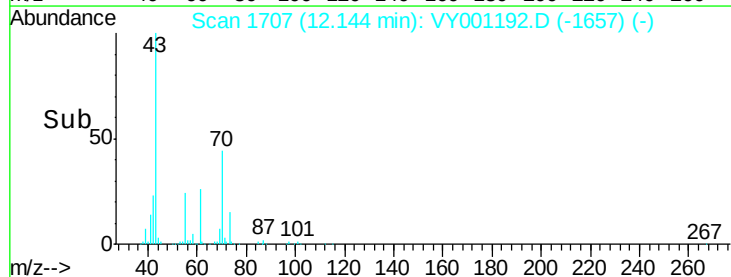
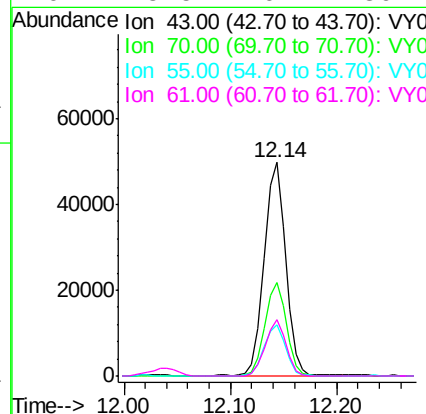
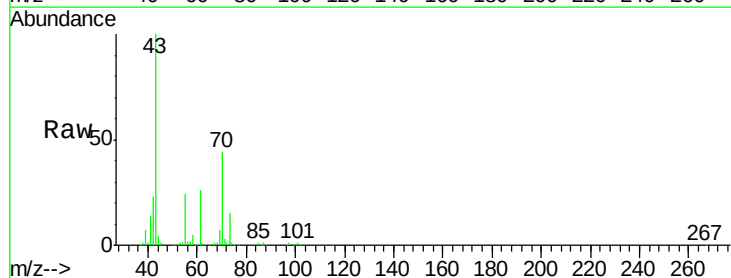
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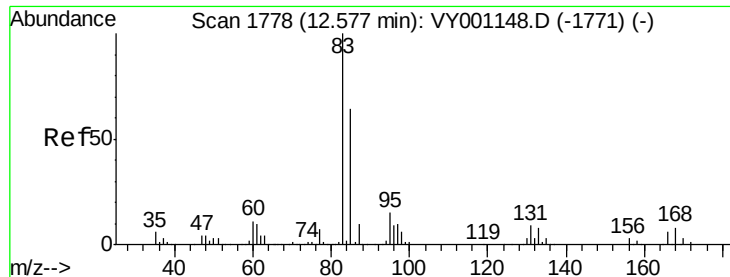
MMDadoda  
1/15/2020 9:30:21 AM



#74  
N-ethyl acetate  
Concen: 20.570 ug/l  
RT: 12.14 min Scan# 1707  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 43      | 100   | 70948 |       |       |
| 70      | 43.9  | 35.0  | 52.6  |       |
| 55      | 24.4  | 18.4  | 27.6  |       |
| 61      | 25.5  | 20.1  | 30.1  |       |





#75

1,1,2,2-Tetrachloroethane

Concen: 20.777 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

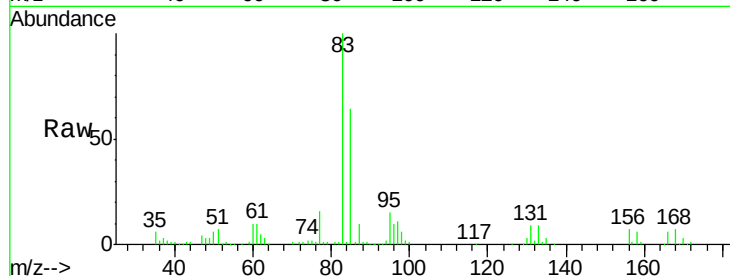
ClientSampleId :

VY0114SBS01

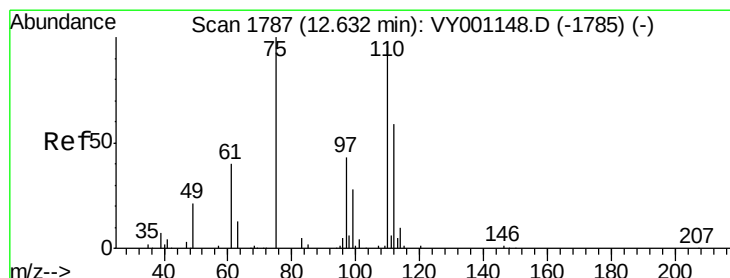
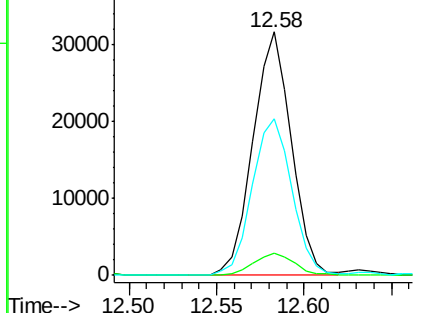
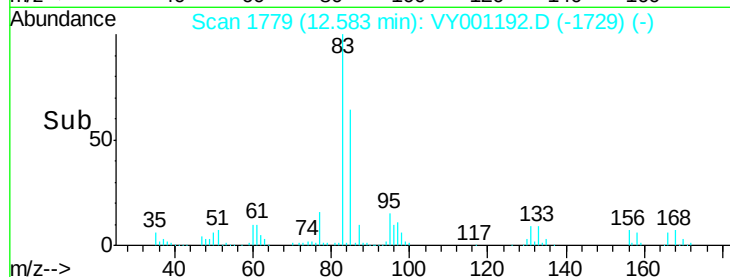
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 48312 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.8   | 5.1   | 15.3  |
| 85        | 66.6  | 32.2  | 96.6  |

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Abundance Ion 82.90 (82.60 to 83.60): VY001192.D (-1729) (-)



#76

1,2,3-Trichloropropane

Concen: 21.460 ug/l m

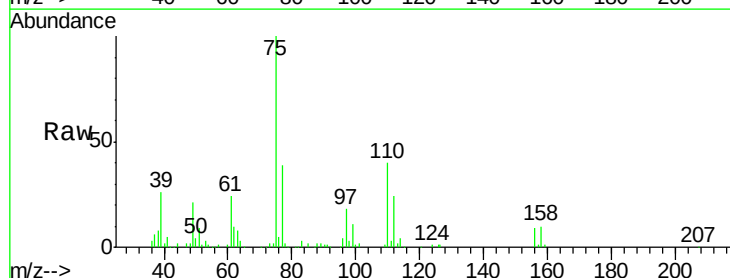
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

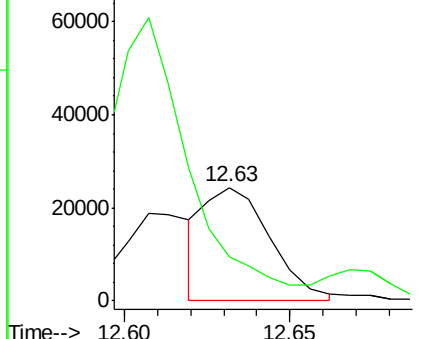
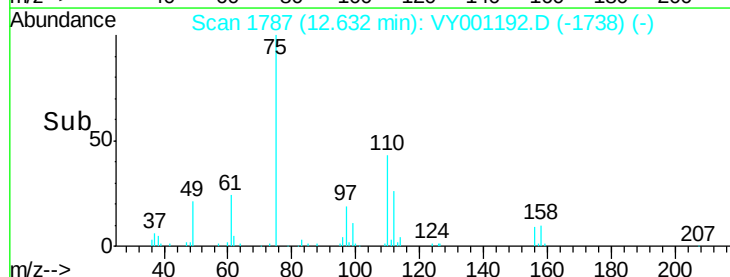
Lab File: VY001192.D

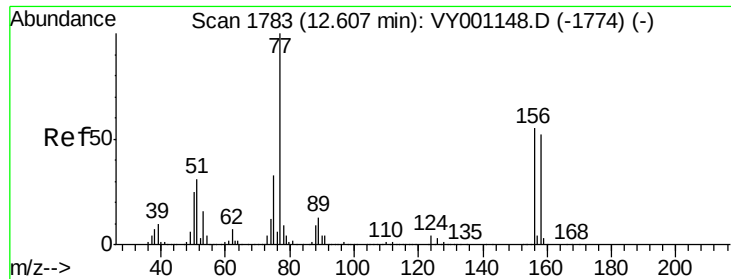
Acq: 14 Jan 2020 10:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 33774 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |



Abundance Ion 74.90 (74.60 to 75.60): VY001192.D (-1738) (-)





#77

Bromobenzene

Concen: 21.401 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

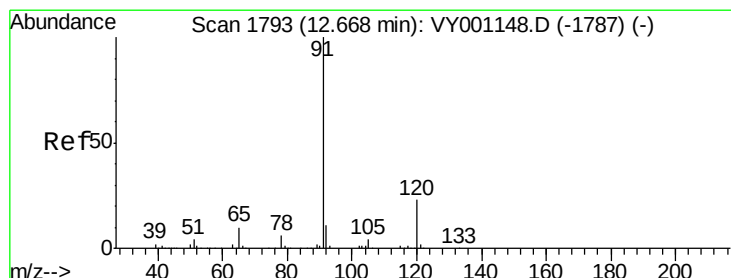
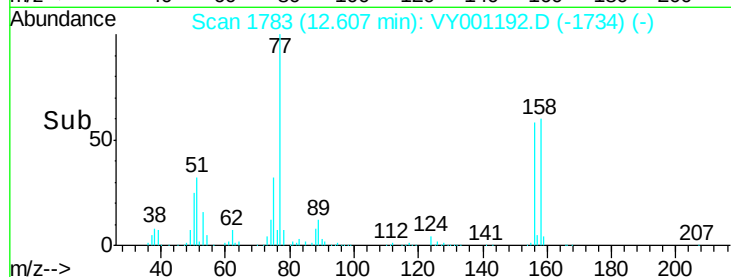
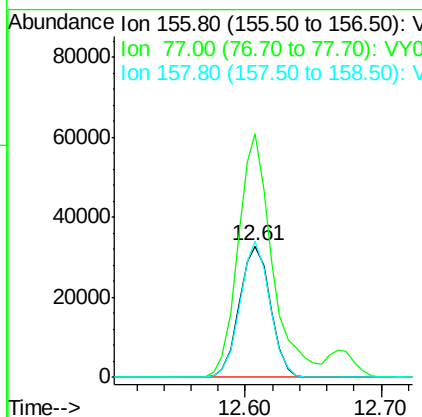
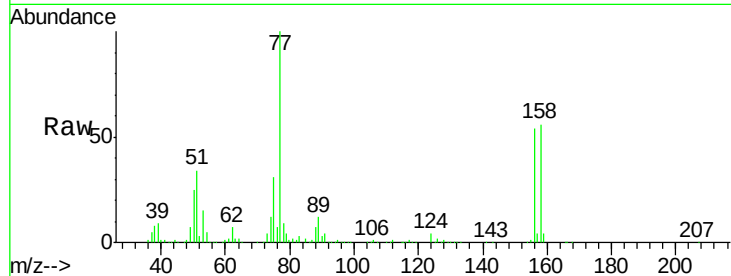
ClientSampleId :

VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 204.3 | 106.7 | 320.1 |
| 158     | 99.0  | 48.3  | 144.8 |

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#78

n-propylbenzene

Concen: 20.646 ug/l

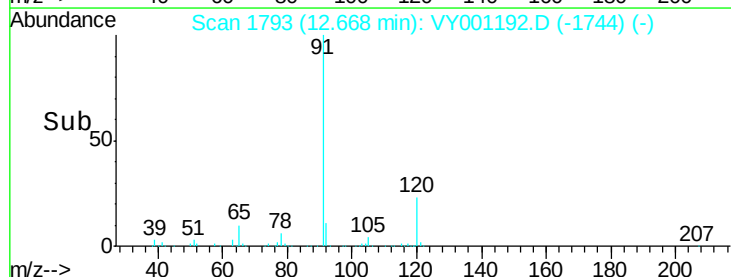
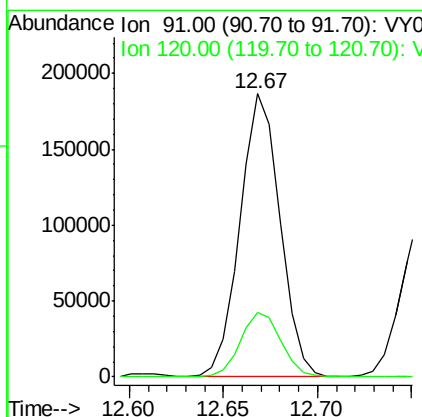
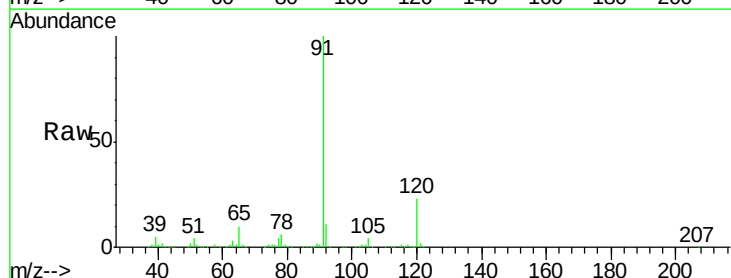
RT: 12.67 min Scan# 1793

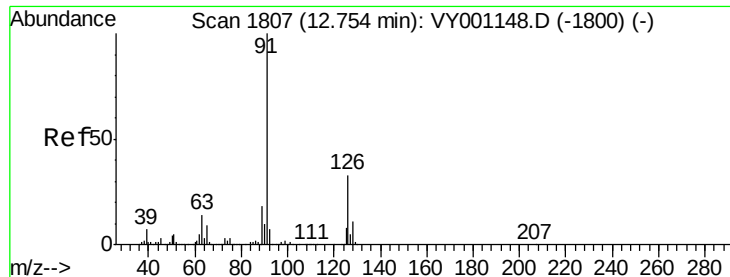
Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.2  | 11.5  | 34.4  |





#79

2-Chlorotoluene

Concen: 20.599 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion: 91 Resp: 157269

Ion Ratio Lower Upper

91 100

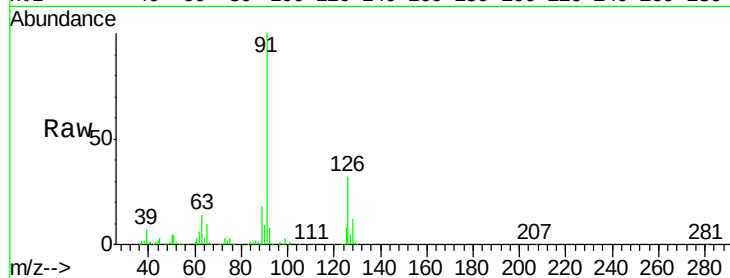
126 33.4 16.4 49.4

Manual Integrations

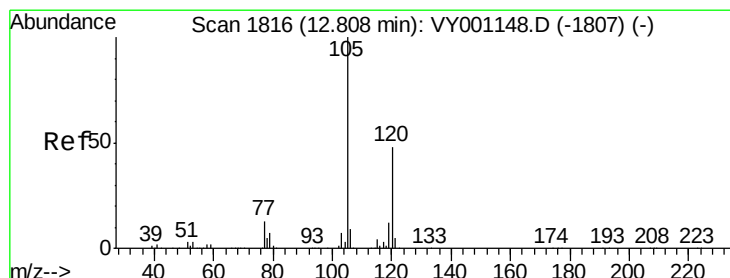
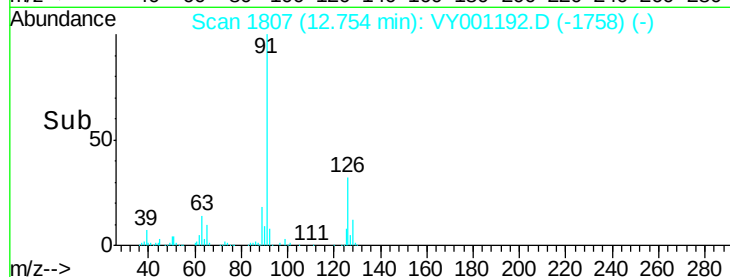
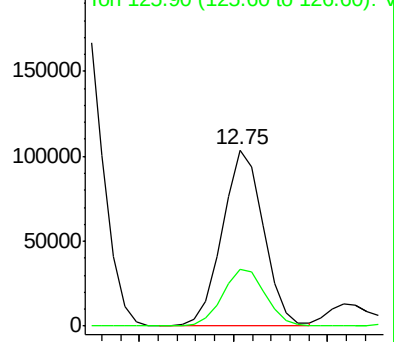
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Abundance Ion 91.00 (90.70 to 91.70): VY001148.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.863 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001192.D

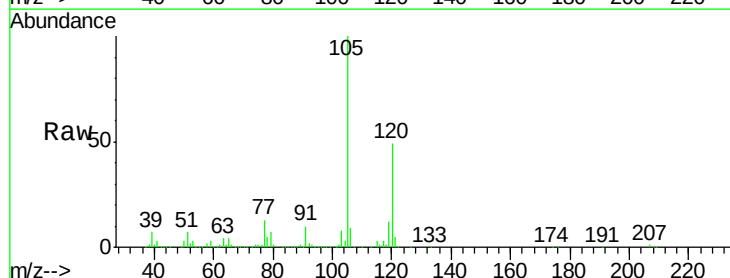
Acq: 14 Jan 2020 10:39

Tgt Ion: 105 Resp: 192384

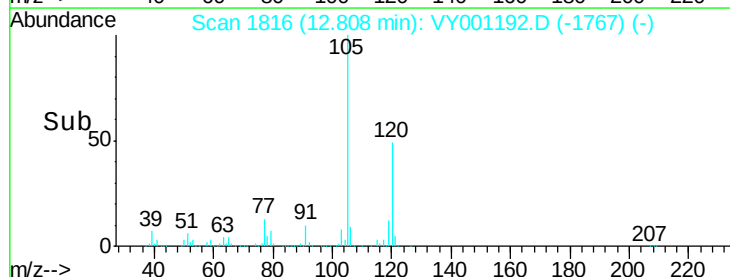
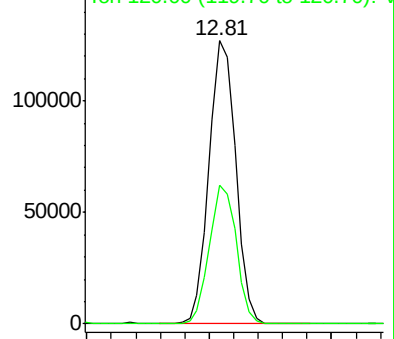
Ion Ratio Lower Upper

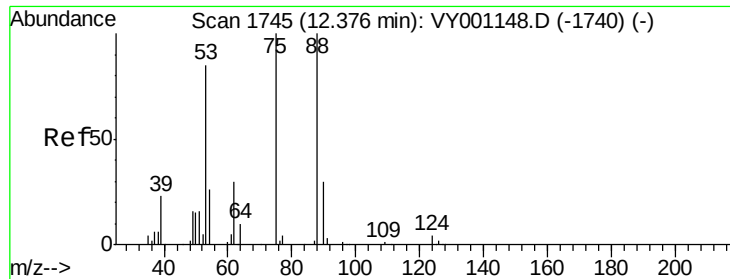
105 100

120 49.5 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VY001148.D (-1807) (-)





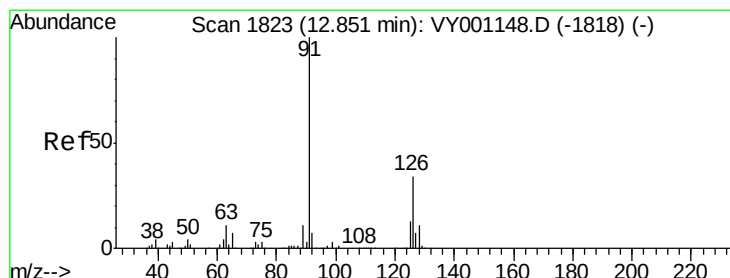
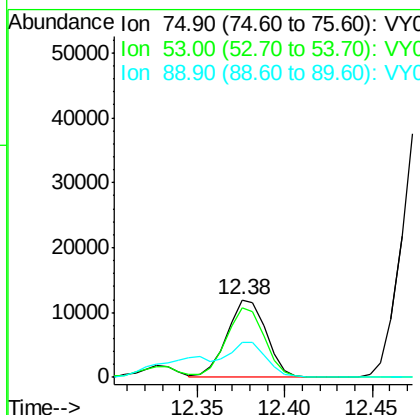
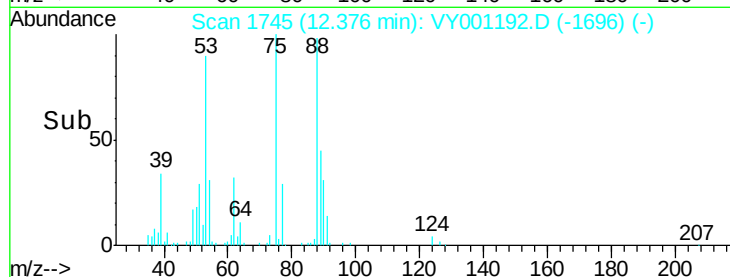
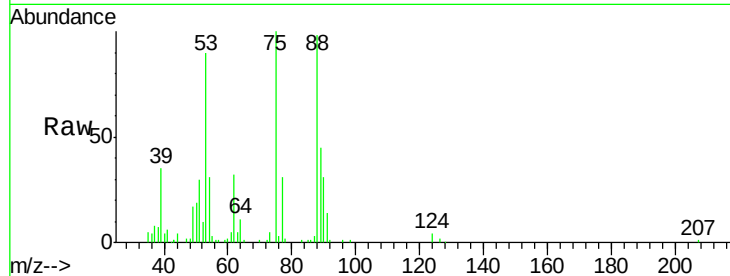
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.212 ug/l  
RT: 12.38 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 86.3  | 69.4  | 104.2 |
| 89      | 45.3  | 0.0   | 0.0#  |

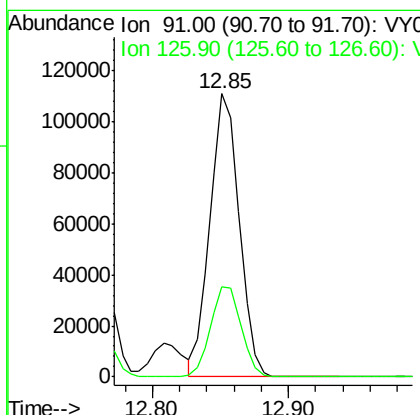
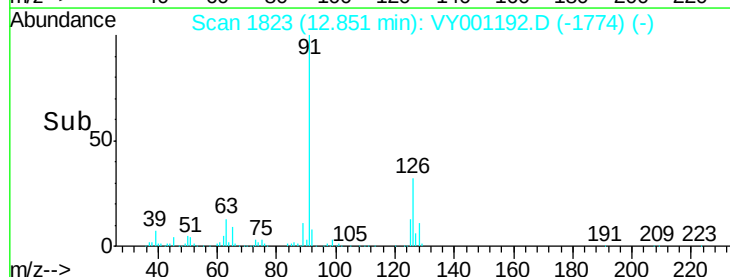
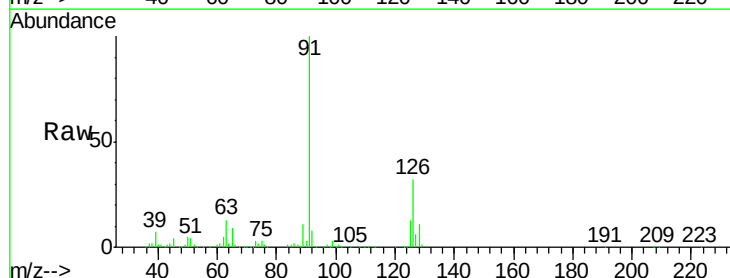
Manual Integrations  
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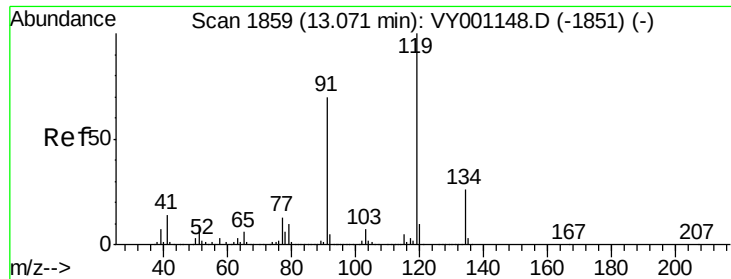
MMDadoda  
1/15/2020 9:30:21 AM



#82  
4-Chlorotoluene  
Concen: 20.368 ug/l  
RT: 12.85 min Scan# 1823  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.4  | 16.3  | 48.8  |





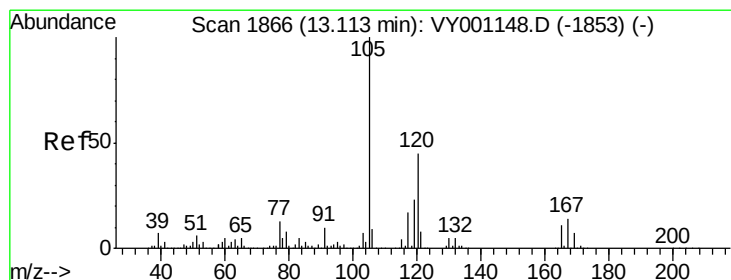
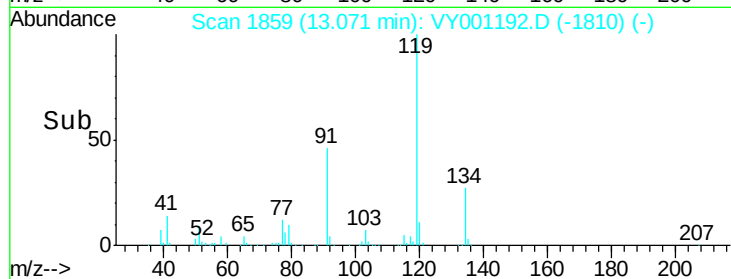
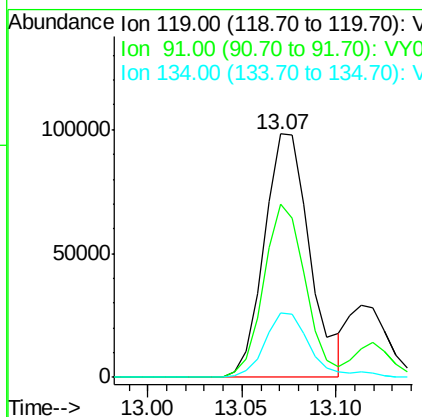
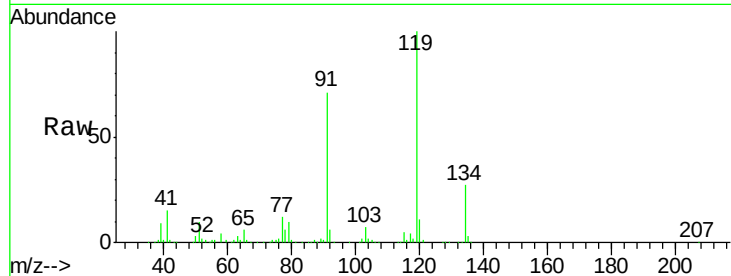
#83  
tert-Butylbenzene  
Concen: 21.357 ug/l  
RT: 13.07 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 64.8  | 33.9  | 101.7 |
| 134     | 26.5  | 13.5  | 40.4  |

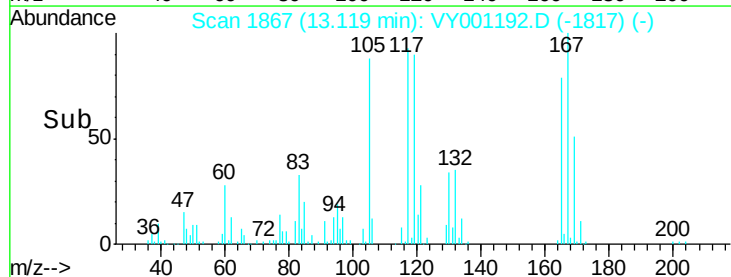
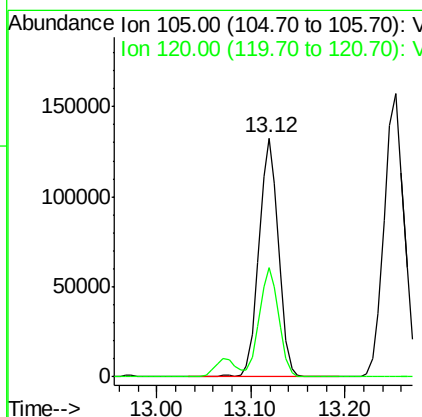
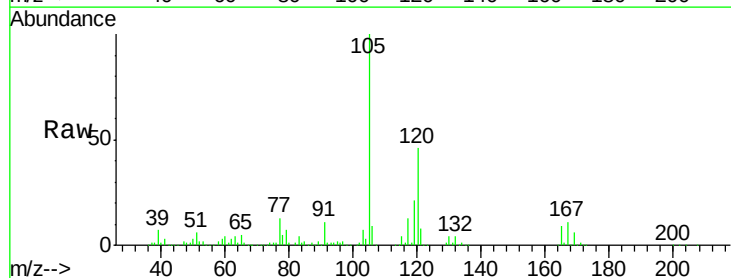
Manual Integrations  
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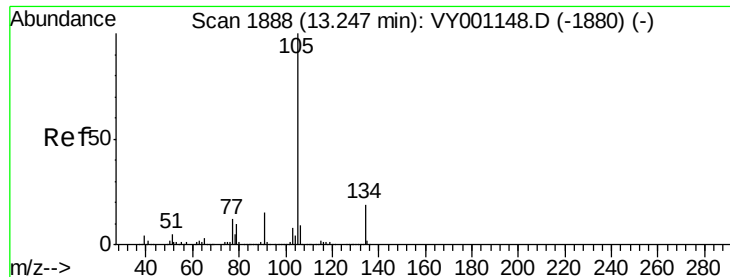
MMDadoda  
1/15/2020 9:30:21 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 21.268 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.9  | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 20.731 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0114SBS01

Tot Ion:105 Resp: 231090

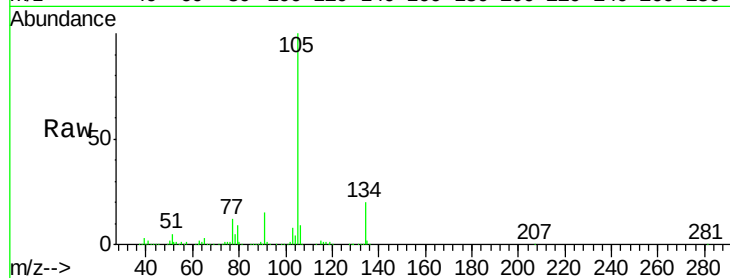
Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.5

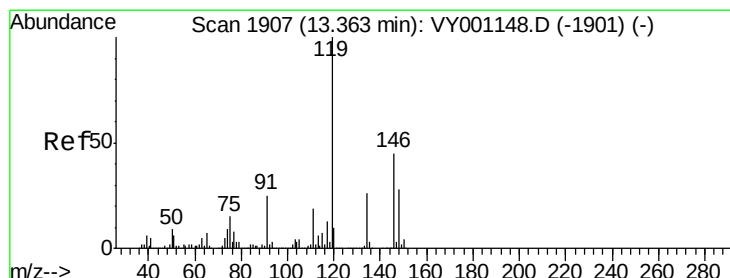
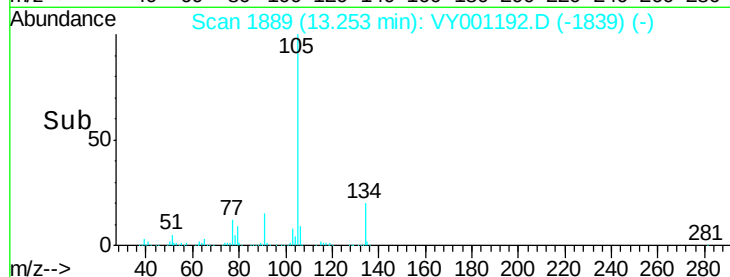
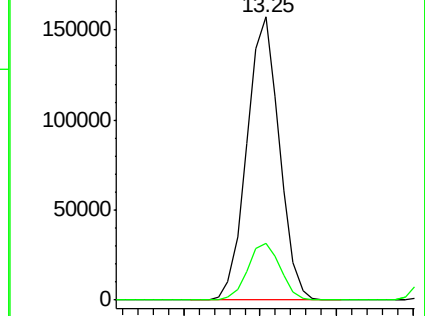
Manual Integrations  
APPROVED

MMDadoda  
1/15/2020 9:30:21 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.491 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001192.D

Acq: 14 Jan 2020 10:39

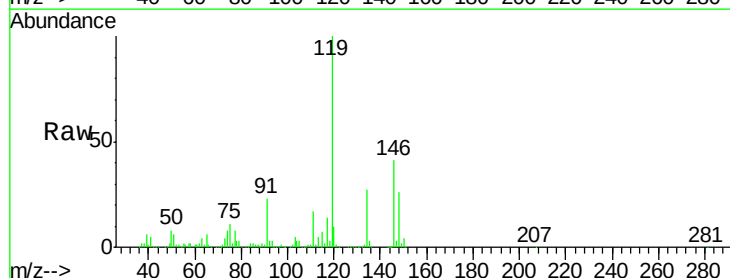
Tgt Ion:119 Resp: 207999

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

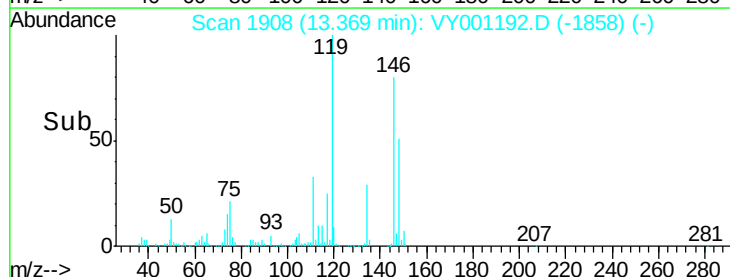
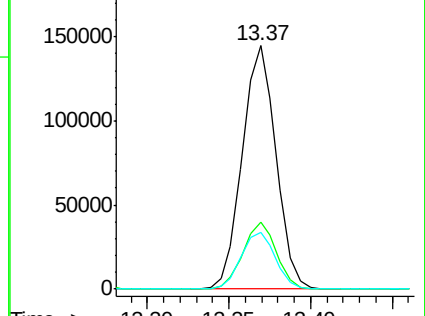
91 23.7 12.4 37.2

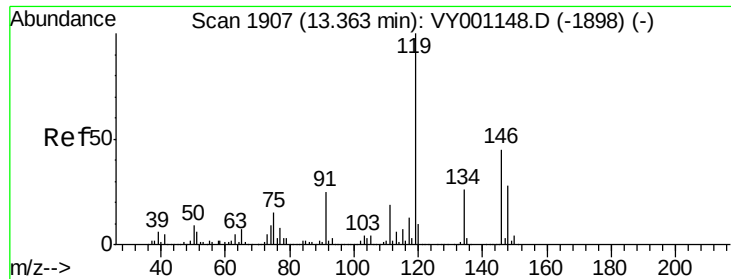


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





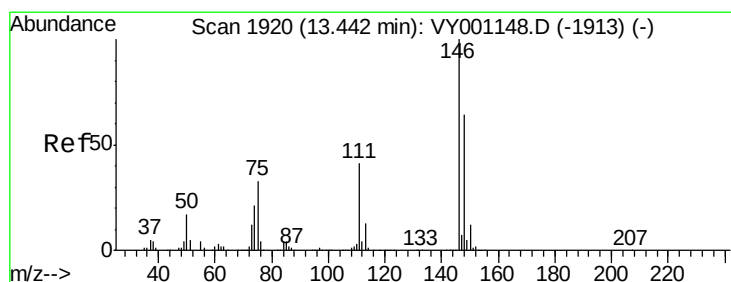
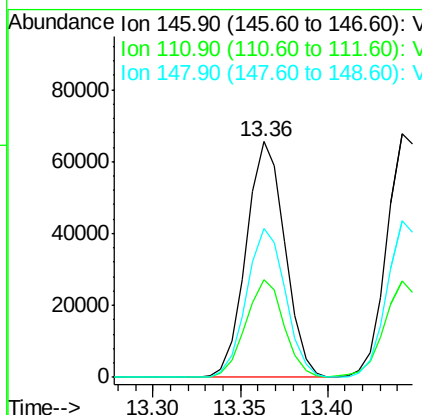
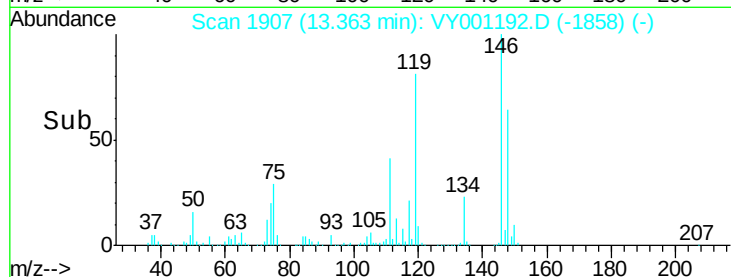
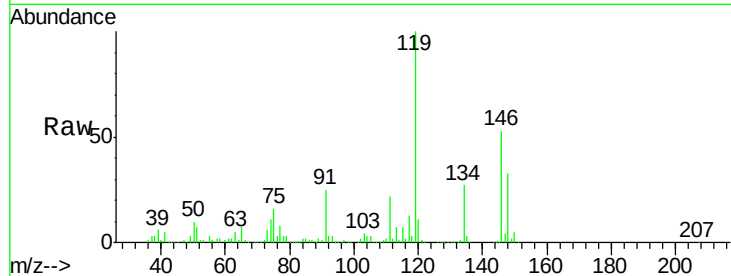
#87  
 1,3-Dichlorobenzene  
 Concen: 22.029 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 21.3  | 64.0  |
| 148     | 63.5  | 31.9  | 95.5  |

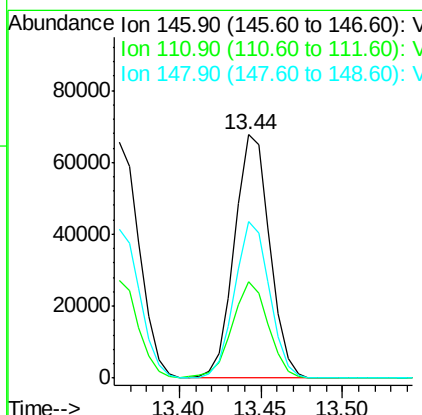
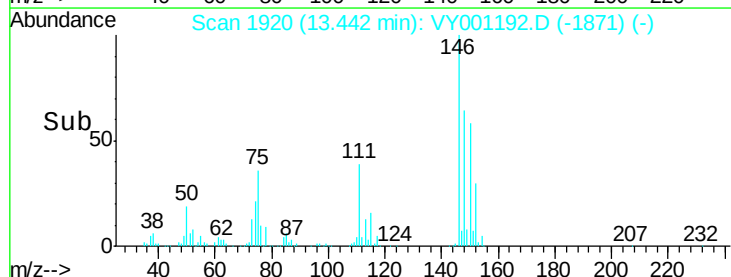
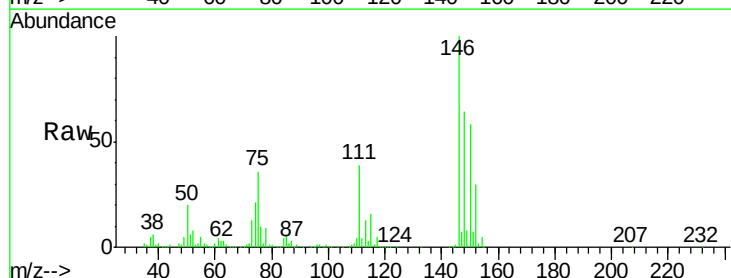
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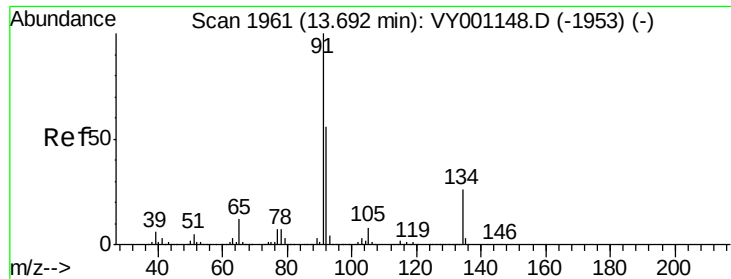


#88  
 1,4-Dichlorobenzene  
 Concen: 21.450 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.8  | 62.5  |
| 148     | 63.8  | 32.0  | 96.2  |







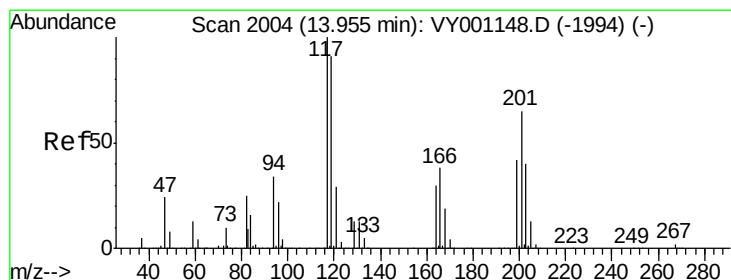
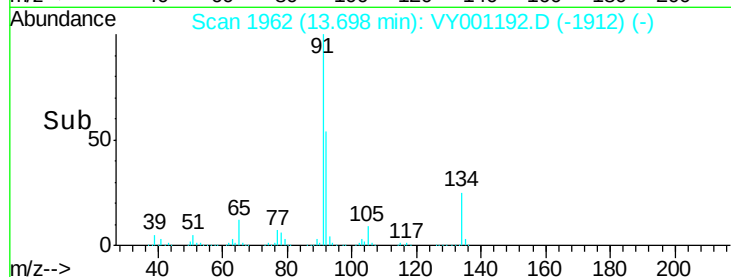
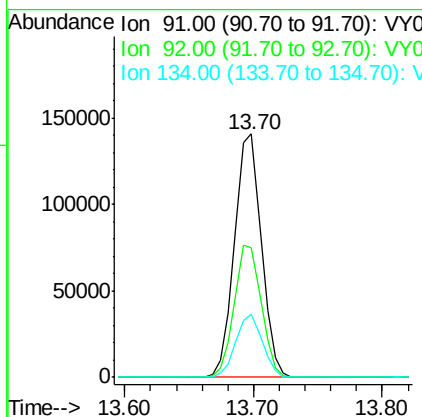
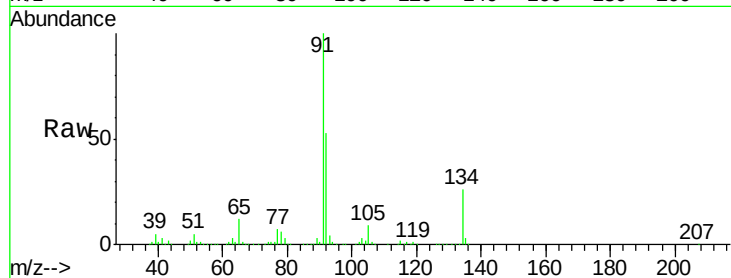
#89  
n-Butylbenzene  
Concen: 21.045 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.8  | 27.7  | 83.1  |
| 134     | 25.8  | 12.9  | 38.6  |

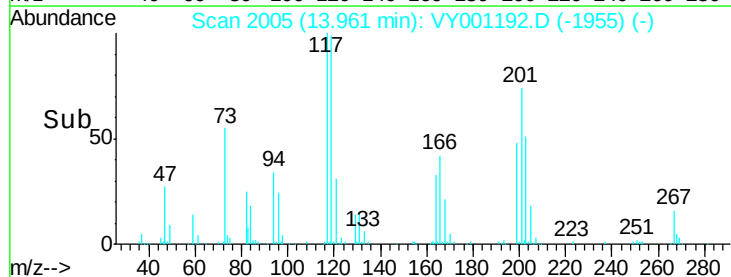
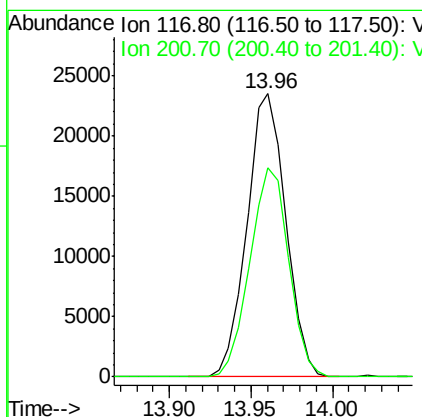
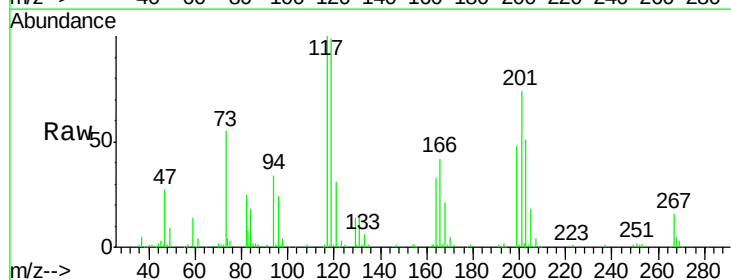
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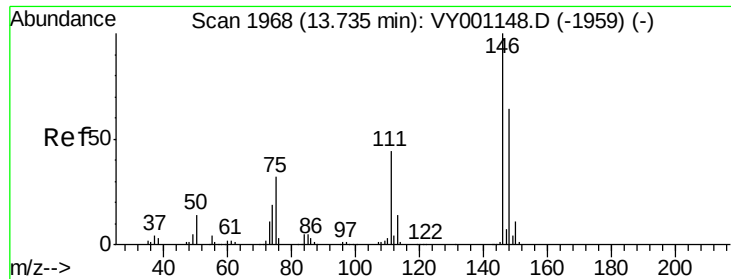
MMDadoda  
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#90  
Hexachloroethane  
Concen: 20.614 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 73.8  | 35.4  | 106.2 |





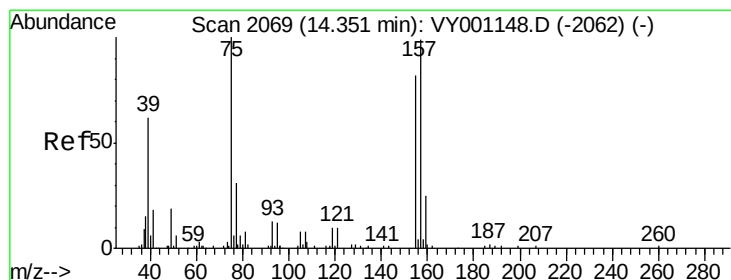
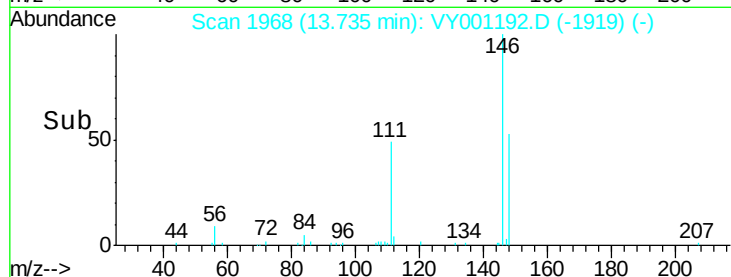
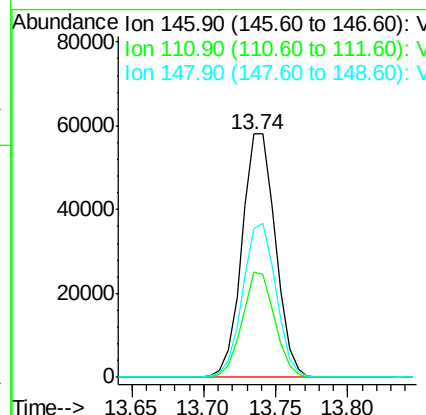
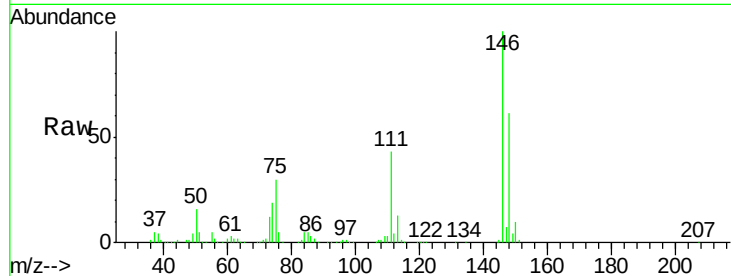
#91  
 1,2-Dichlorobenzene  
 Concen: 21.765 ug/l  
 RT: 13.74 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 22.0  | 66.0  |
| 148     | 62.9  | 32.1  | 96.3  |

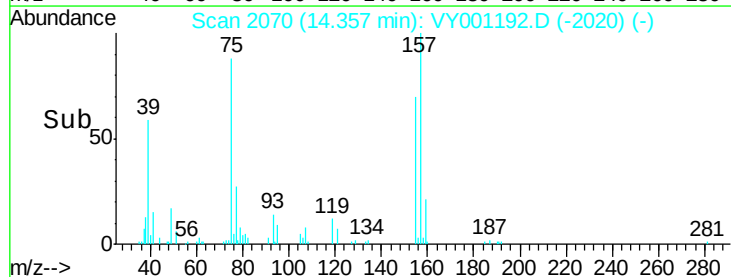
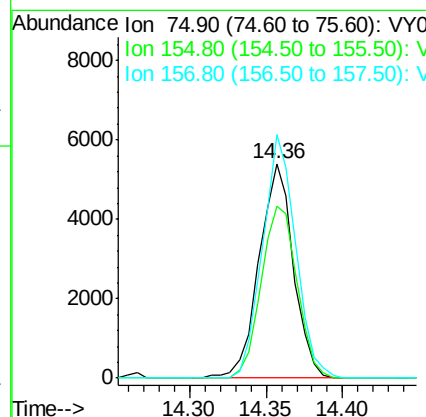
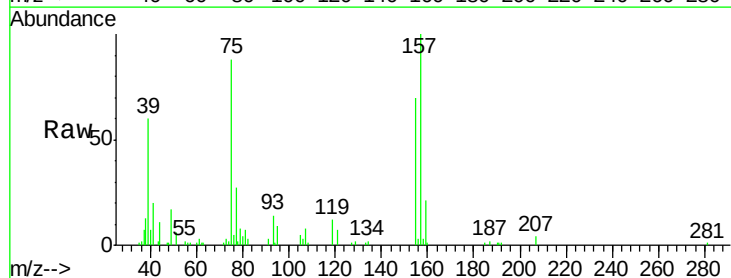
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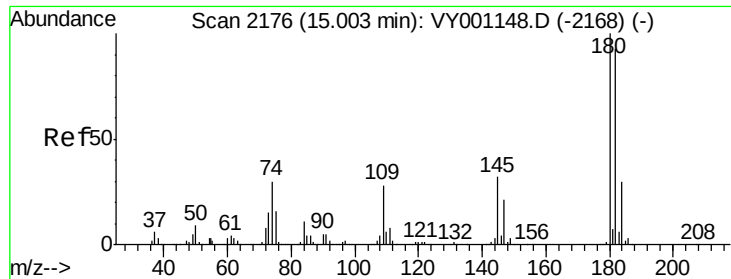
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.084 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. 0.01 min  
 Lab File: VY001192.D  
 Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 83.5  | 41.2  | 123.6 |
| 157     | 109.7 | 52.8  | 158.4 |





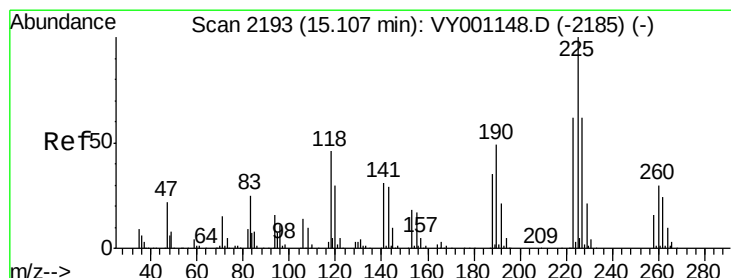
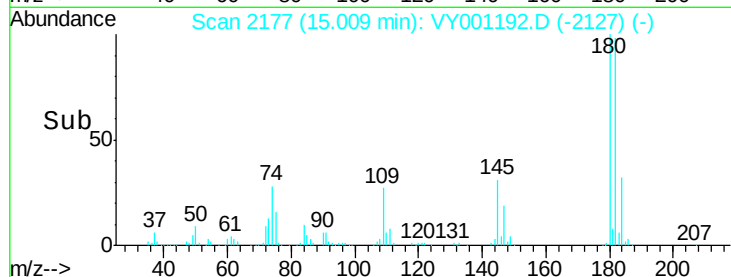
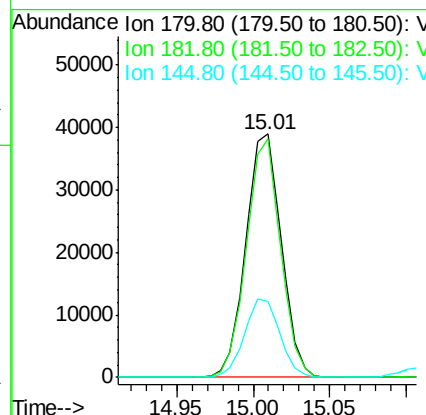
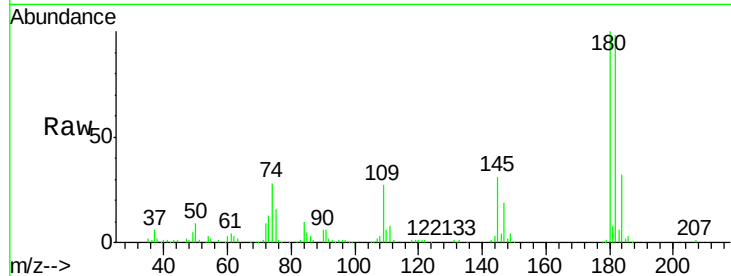
#93  
1,2,4-Trichlorobenzene  
Concen: 22.174 ug/l  
RT: 15.01 min Scan# 2177  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 46.9  | 140.8 |
| 145     | 32.1  | 16.0  | 48.0  |

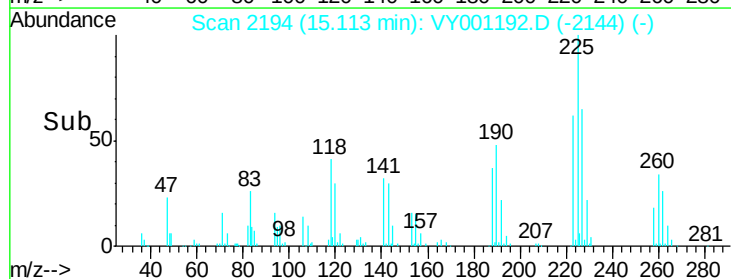
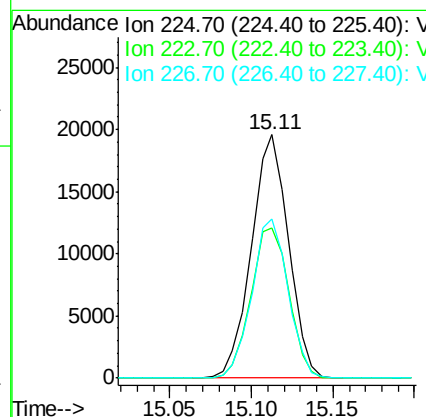
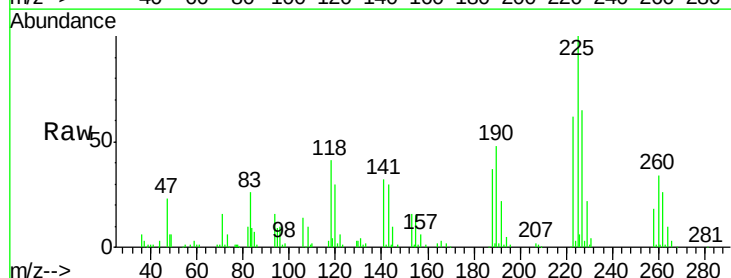
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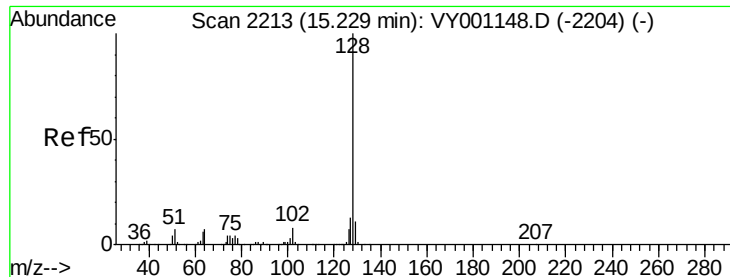
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#94  
Hexachlorobutadiene  
Concen: 21.795 ug/l  
RT: 15.11 min Scan# 2194  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.5  | 31.1  | 93.3  |
| 227     | 64.0  | 31.3  | 93.9  |





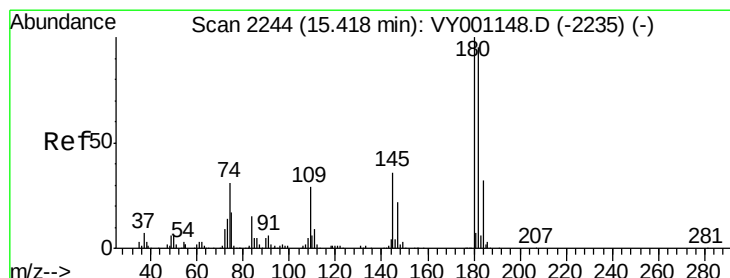
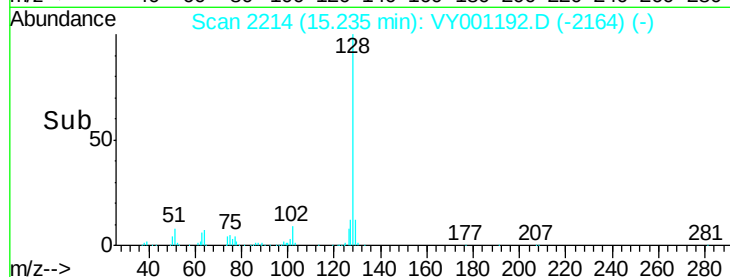
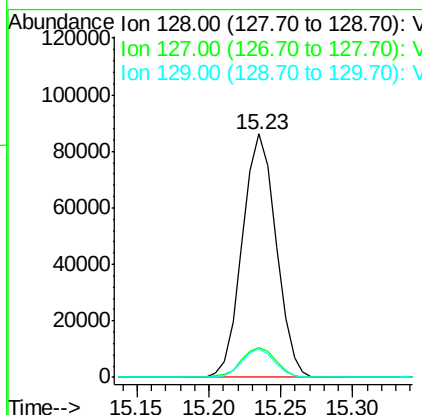
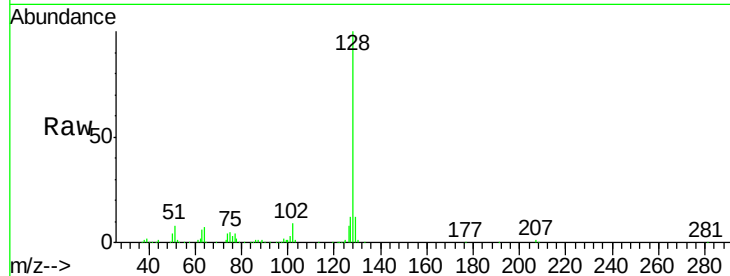
#95  
Naphthalene  
Concen: 21.266 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0114SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 140014 |       |       |
| 127     | 12.5  | 10.2   | 15.4  |       |
| 129     | 11.2  | 8.5    | 12.7  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.871 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. 0.01 min  
Lab File: VY001192.D  
Acq: 14 Jan 2020 10:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 54512 |       |       |
| 182     | 96.4  | 47.5  | 142.5 |       |
| 145     | 32.7  | 17.1  | 51.3  |       |

