

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\  
 Data File : VY001151.D  
 Acq On : 10 Jan 2020 16:19  
 Operator : SY/MD  
 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICSVY011020

Manual Integrations  
 APPROVED

MMDadoda  
 1/13/2020 12:39:11 PM

Quant Time: Jan 10 18:09:39 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  | 239207   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 408816   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 355498   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 167534   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 128466   | 50.85 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 101.70% |          |
| 35) Dibromofluoromethane    | 7.72  | 113  | 118286   | 49.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 98.84%  |          |
| 50) Toluene-d8              | 10.18 | 98   | 481979   | 52.26 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 104.52% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 181903   | 48.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 96.48%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85   | 102073   | 55.562  | ug/l  | 98     |
| 3) Chloromethane              | 2.12 | 50   | 137899   | 52.076  | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.26 | 62   | 143686   | 53.861  | ug/l  | 100    |
| 5) Bromomethane               | 2.65 | 94   | 79833    | 55.712  | ug/l  | 98     |
| 6) Chloroethane               | 2.80 | 64   | 81777    | 53.060  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 3.13 | 101  | 206008   | 55.478  | ug/l  | 96     |
| 8) Diethyl Ether              | 3.53 | 74   | 78904    | 54.685  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101  | 133015   | 55.650  | ug/l  | 99     |
| 10) Methyl Iodide             | 4.10 | 142  | 184830   | 56.495  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 4.96 | 59   | 63278    | 248.935 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.88 | 96   | 134490   | 54.997  | ug/l  | 98     |
| 13) Acrolein                  | 3.74 | 56   | 51433    | 224.756 | ug/l  | 99     |
| 14) Allyl chloride            | 4.49 | 41   | 231151   | 56.006  | ug/l  | 99     |
| 15) Acrylonitrile             | 5.17 | 53   | 192255   | 266.420 | ug/l  | 99     |
| 16) Acetone                   | 3.96 | 43   | 159056   | 271.082 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.19 | 76   | 445279   | 56.260  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.49 | 43   | 96540    | 49.765  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.22 | 73   | 367309   | 54.302  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.72 | 84   | 146608   | 54.066  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96   | 152678   | 55.063  | ug/l  | 99     |
| 22) Diisopropyl ether         | 6.13 | 45   | 466459   | 55.335  | ug/l  | 98     |
| 23) Vinyl Acetate             | 6.07 | 43   | 1497252  | 277.721 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 6.03 | 63   | 256553   | 55.592  | ug/l  | 98     |
| 25) 2-Butanone                | 6.99 | 43   | 246652   | 270.101 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.99 | 77   | 232153   | 54.704  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96   | 165670   | 54.527  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.34 | 49   | 104341   | 55.059  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.36 | 42   | 167447   | 267.570 | ug/l  | 98     |
| 30) Chloroform                | 7.52 | 83   | 246991   | 54.622  | ug/l  | 100    |
| 31) Cyclohexane               | 7.79 | 56   | 258445   | 52.892  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97   | 220023   | 54.839  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75   | 206105   | 55.314  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.08 | 43   | 115138   | 52.652  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117  | 190054   | 55.656  | ug/l  | 99     |

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 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICSVY011020

Manual Integrations  
 APPROVED

MMDadoda  
 1/13/2020 12:39:11 PM

Quant Time: Jan 10 18:09:39 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   | 278962   | 55.223   | ug/l   | 98       |
| 40) Benzene                    | 8.17  | 78   | 601653   | 55.315   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.33  | 41   | 58201m   | 56.660   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 168931   | 55.467   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.28  | 43   | 226053   | 54.060   | ug/l   | 99       |
| 44) Trichloroethene            | 8.94  | 130  | 158658   | 55.980   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 147401   | 54.817   | ug/l   | 98       |
| 46) Dibromomethane             | 9.31  | 93   | 79303    | 54.053   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.50  | 83   | 197130   | 55.133   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.30  | 41   | 103671   | 53.576   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 20889    | 1169.130 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 565500   | 266.525  | ug/l   | 100      |
| 52) Toluene                    | 10.24 | 92   | 379932   | 54.767   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.46 | 75   | 221058   | 55.250   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 249728   | 55.359   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 117527   | 54.035   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 181147   | 54.446   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 205899   | 55.143   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 266501   | 227.745  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.83 | 43   | 404608   | 272.099  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 135848   | 54.247   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 114313   | 53.825   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.72 | 164  | 126051   | 55.005   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.52 | 112  | 392950   | 55.318   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 137184   | 56.034   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 728463   | 56.060   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 552521   | 112.716  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 260250   | 55.375   | ug/l   | 98       |
| 70) Styrene                    | 12.04 | 104  | 461224   | 55.931   | ug/l   | 100      |
| 71) Bromoform                  | 12.20 | 173  | 82933    | 54.929   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.33 | 105  | 703105   | 55.825   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 219015   | 55.721   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 144432   | 54.506   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 99458m   | 55.456   | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 153983   | 55.330   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.67 | 91   | 855922   | 56.498   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 483867   | 55.614   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 594324   | 56.555   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 57326    | 54.204   | ug/l # | 99       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 517277   | 55.691   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 491007   | 55.606   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 588679   | 56.409   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.25 | 105  | 713954   | 56.203   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 623353   | 56.517   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 295630   | 56.170   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 297323   | 54.889   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.69 | 91   | 624489   | 56.217   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.95 | 117  | 122207   | 56.706   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 275373   | 56.297   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 25815    | 54.007   | ug/l   | 98       |

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Acq On : 10 Jan 2020 16:19  
Operator : SY/MD  
Sample : VSTDICV050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

Manual Integrations  
APPROVED

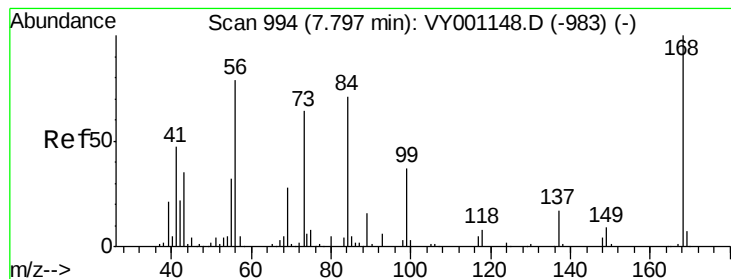
MMDadoda  
1/13/2020 12:39:11 PM

Quant Time: Jan 10 18:09:39 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 | 15.00 | 180  | 176007   | 54.613 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 87980    | 54.188 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 420581   | 56.056 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 158609   | 55.842 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY011020

Tot Ion:168 Resp: 239207

Ion Ratio Lower Upper

168 100

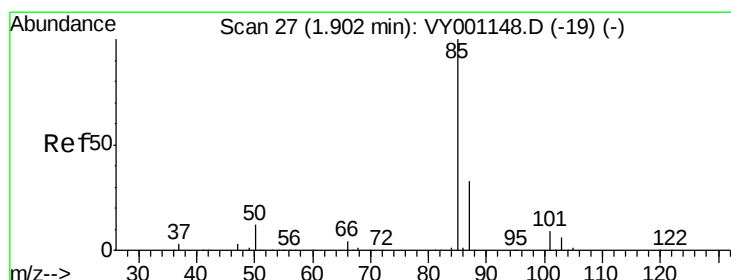
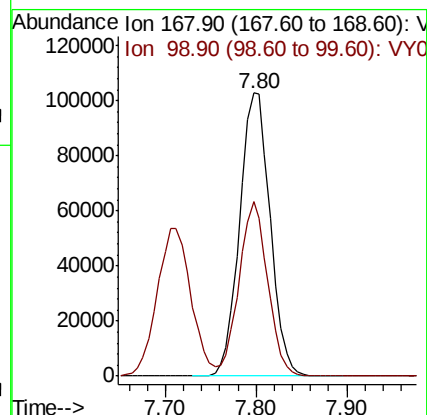
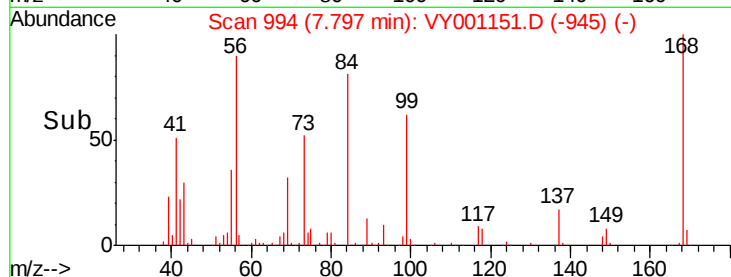
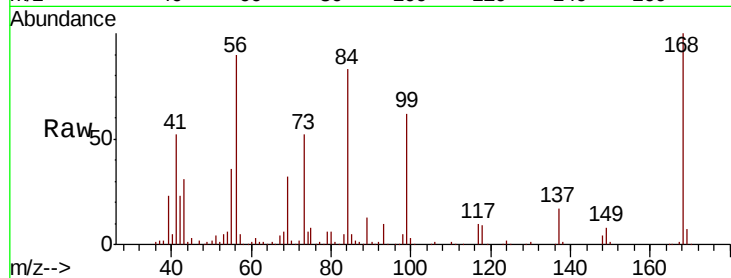
99 61.6 47.9 71.9

Manual Integrations

APPROVED

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#2

Dichlorodifluoromethane

Concen: 55.562 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001151.D

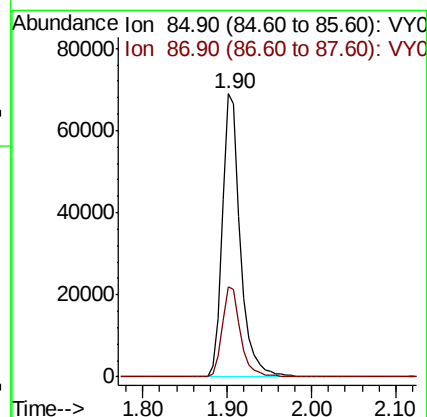
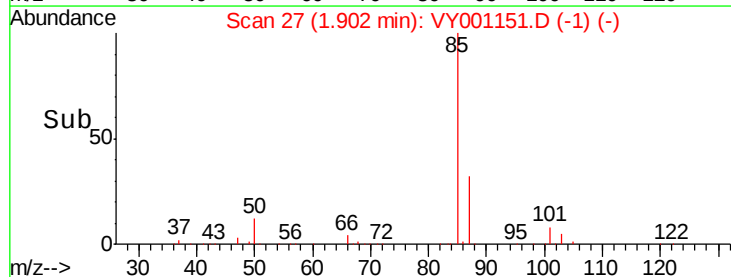
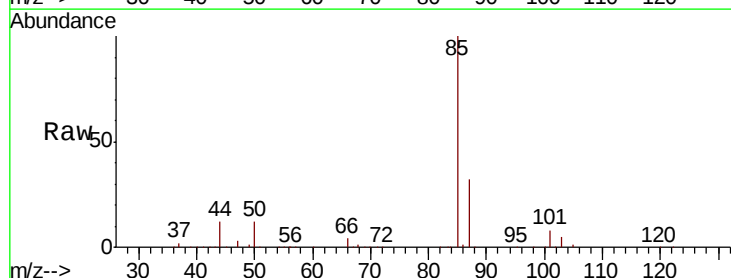
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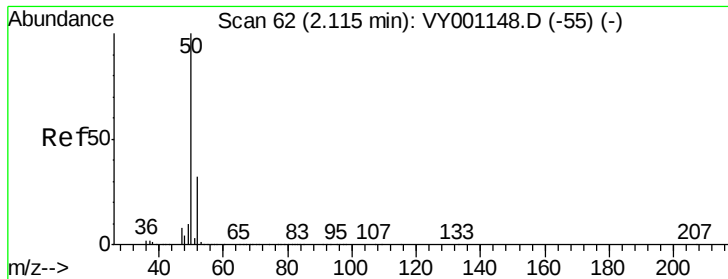
Tgt Ion: 85 Resp: 102073

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.2





#3

Chloromethane

Concen: 52.076 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVVY011020

Tot Ion: 50 Resp: 137899

Ion Ratio Lower Upper

50 100

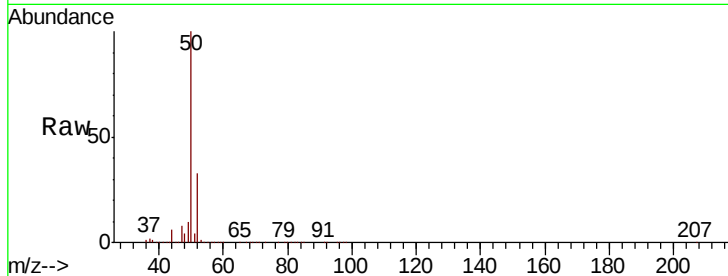
52 33.1 25.8 38.6

Manual Integrations

APPROVED

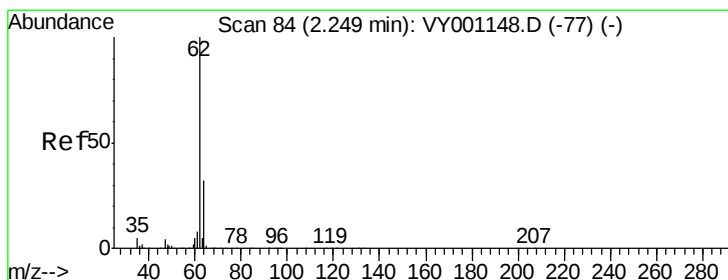
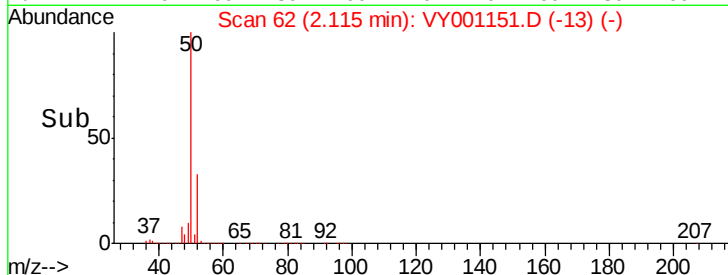
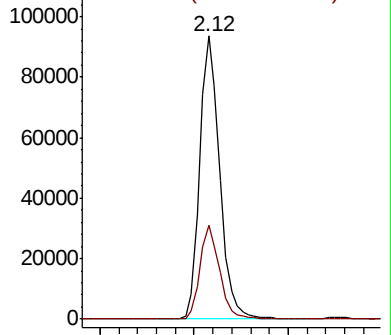
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 53.861 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001151.D

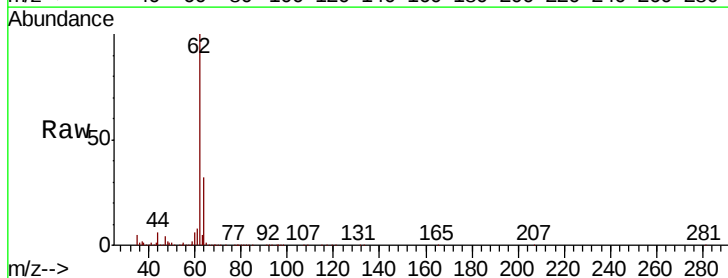
Acq: 10 Jan 2020 16:19

Tgt Ion: 62 Resp: 143686

Ion Ratio Lower Upper

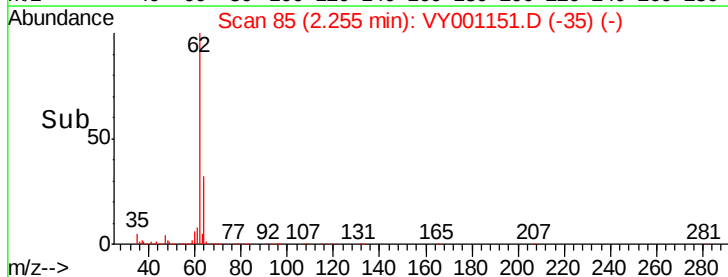
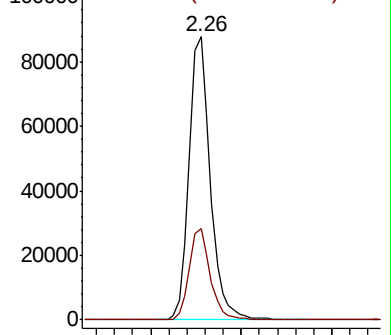
62 100

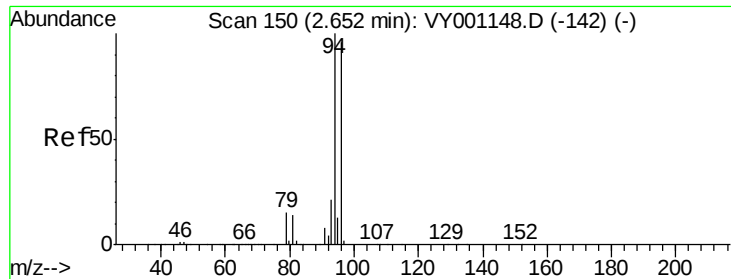
64 32.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 55.712 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY011020

Tot Ion: 94 Resp: 79833

Ion Ratio Lower Upper

94 100

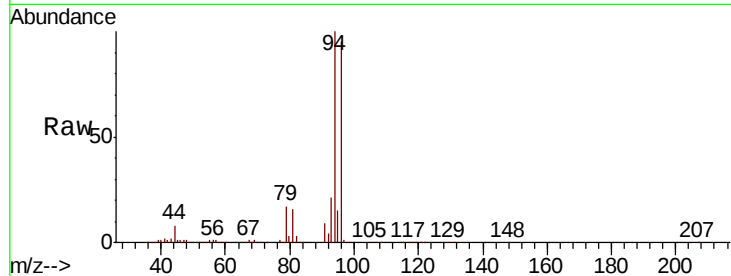
96 94.4 77.3 115.9

Manual Integrations

APPROVED

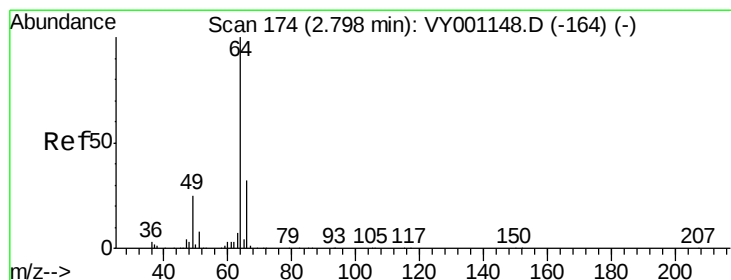
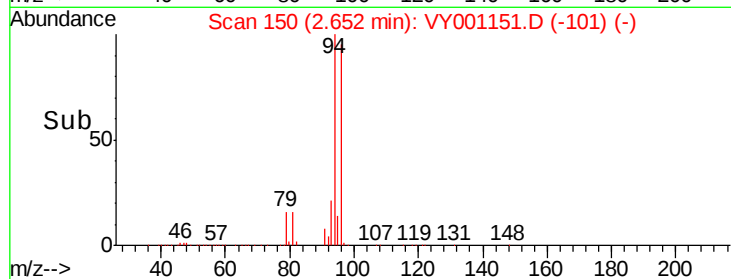
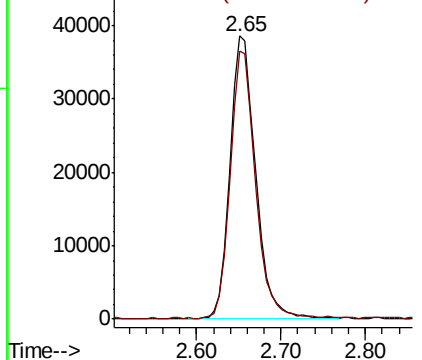
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.060 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001151.D

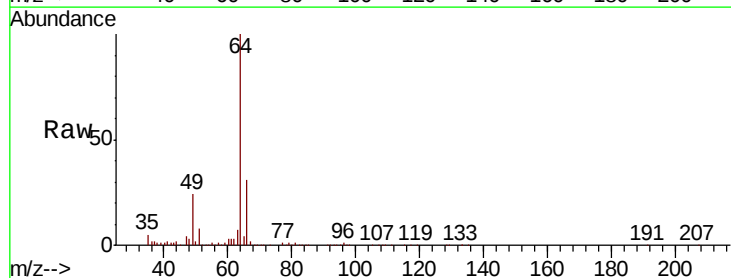
Acq: 10 Jan 2020 16:19

Tgt Ion: 64 Resp: 81777

Ion Ratio Lower Upper

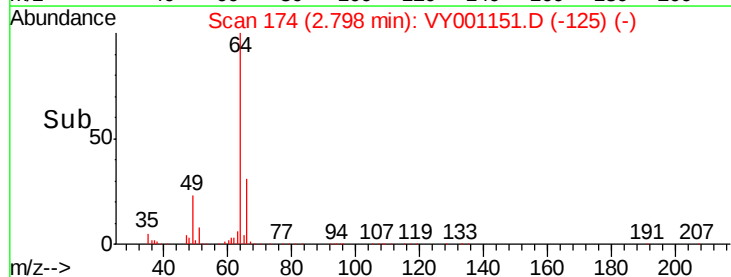
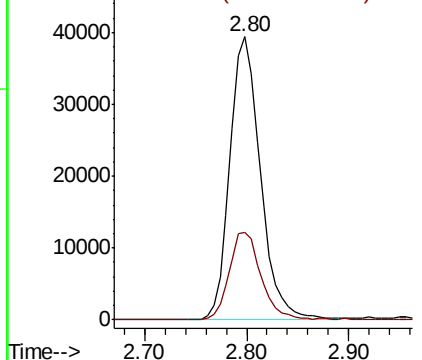
64 100

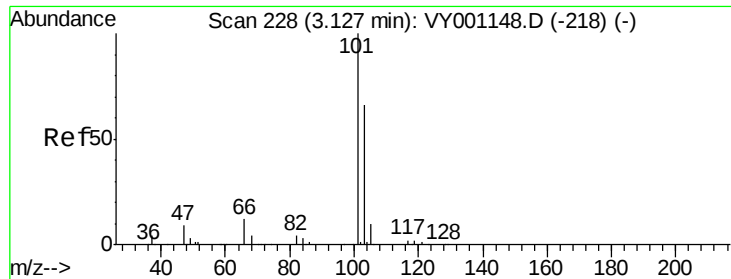
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

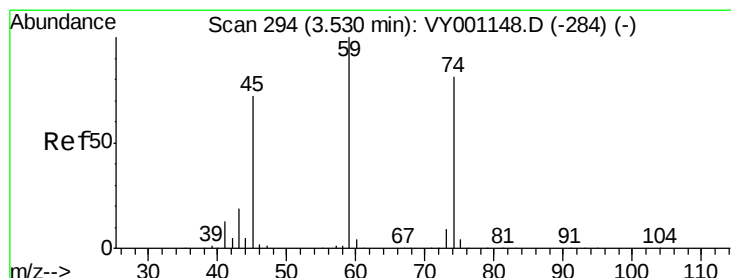
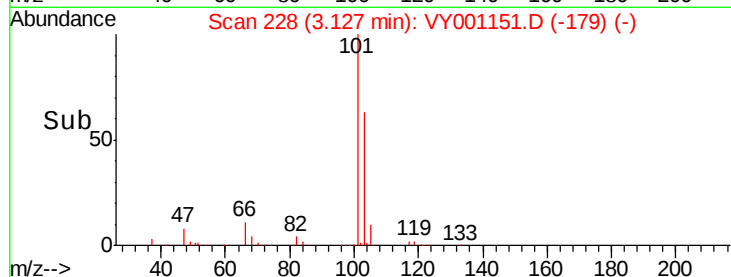
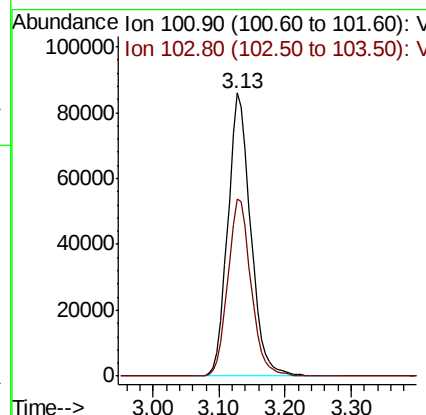
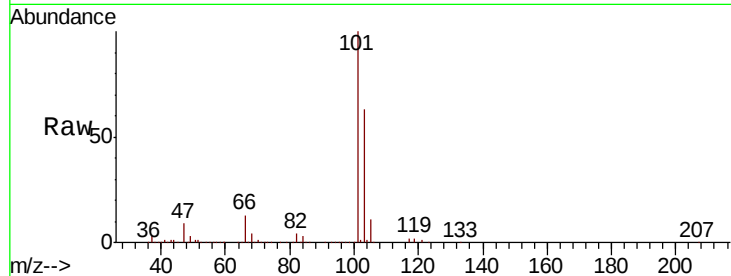
Trichlorofluoromethane  
Concen: 55.478 ug/l  
RT: 3.13 min Scan# 228  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.7  | 52.6  | 79.0  |

Manual Integrations  
APPROVED

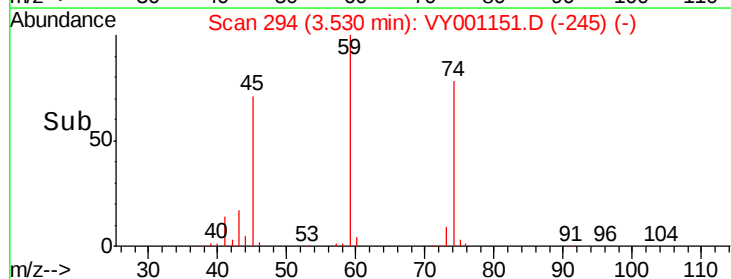
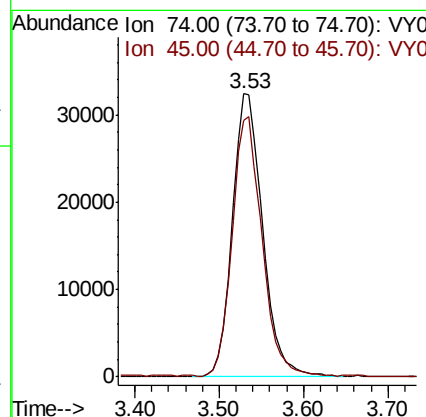
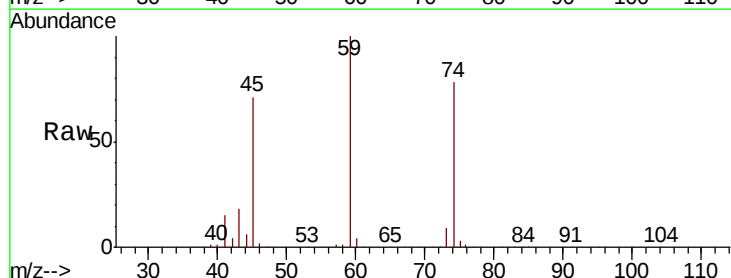
MMDadoda  
1/13/2020 12:39:11 PM

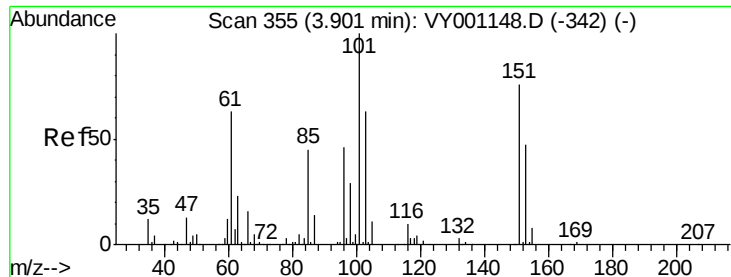


#8

Diethyl Ether  
Concen: 54.685 ug/l  
RT: 3.53 min Scan# 294  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 90.5  | 45.5  | 136.5 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.650 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

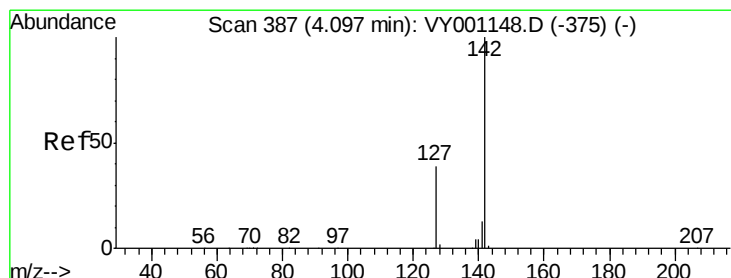
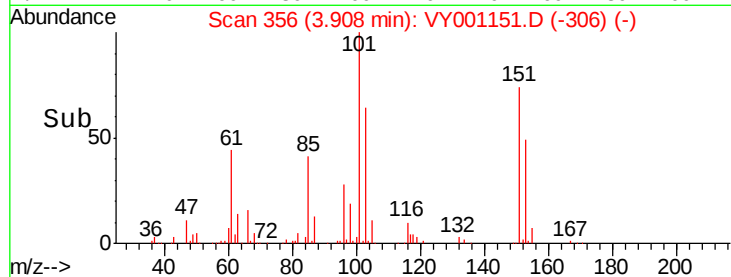
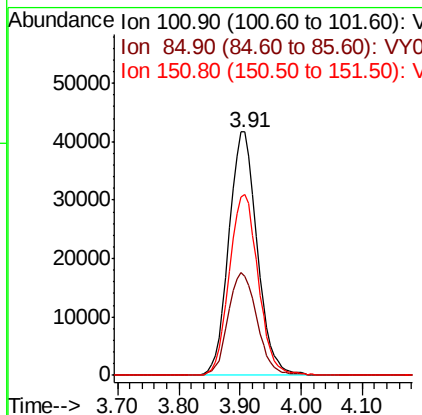
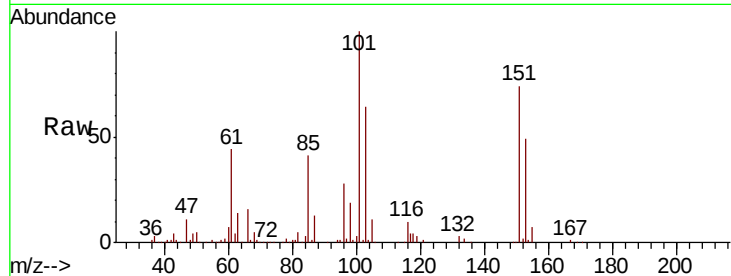
ClientSampleId :

ICVVY011020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 133015 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.4  | 35.2  | 52.8   |
| 151       | 75.9  | 61.4  | 92.2   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 56.495 ug/l

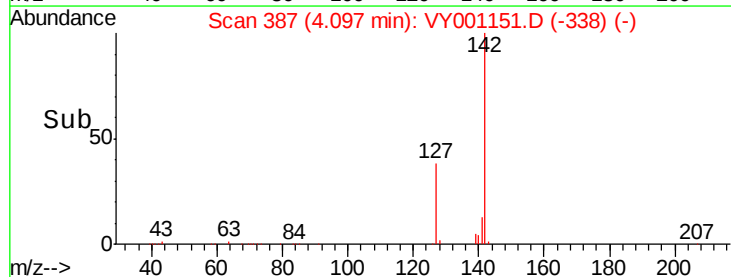
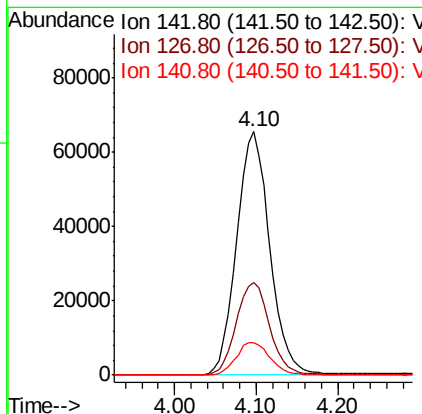
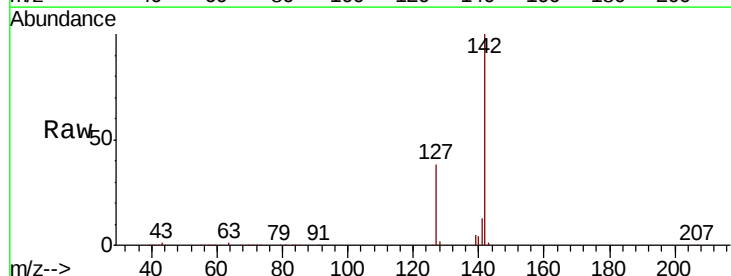
RT: 4.10 min Scan# 387

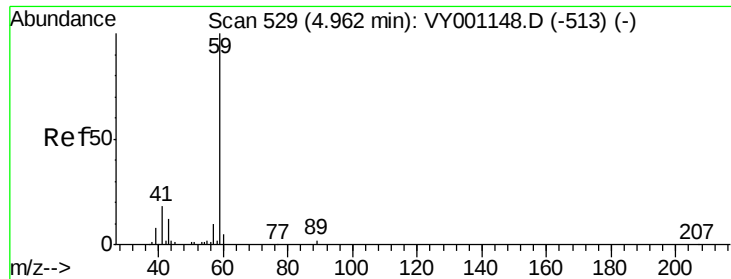
Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 184830 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 38.4  | 30.8  | 46.2   |
| 141       | 13.8  | 11.0  | 16.4   |





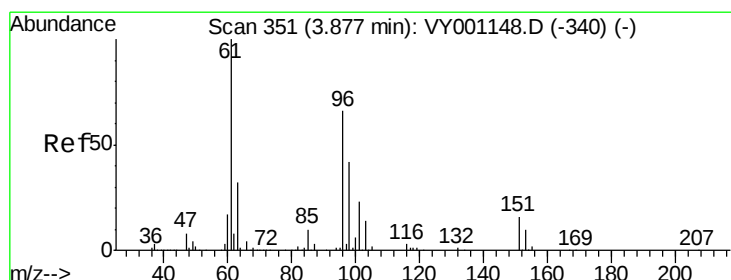
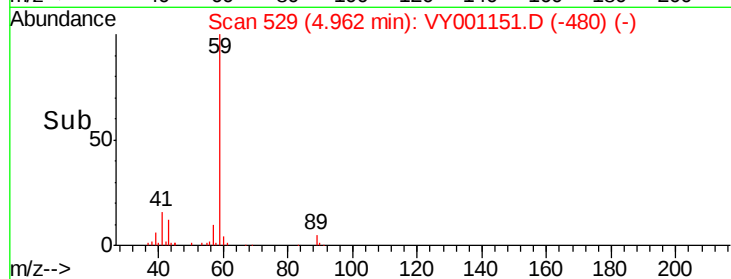
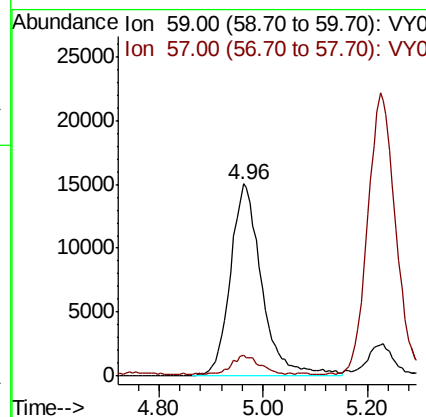
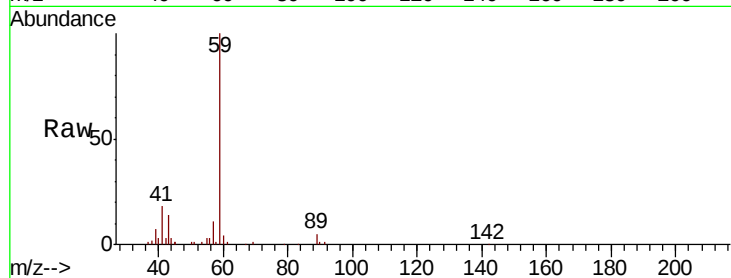
#11  
Tert butyl alcohol  
Concen: 248.935 ug/l  
RT: 4.96 min Scan# 529  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion   | 59  | Resp  | 63278 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 57        | 9.1 | 7.8   | 11.8  |

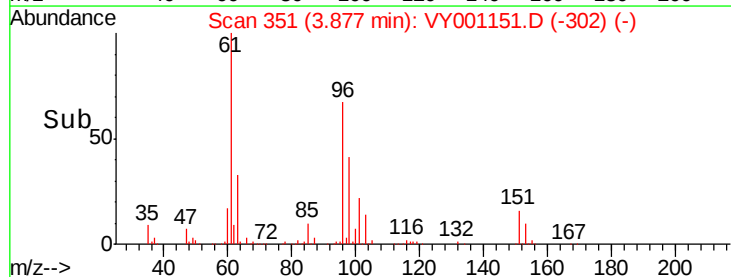
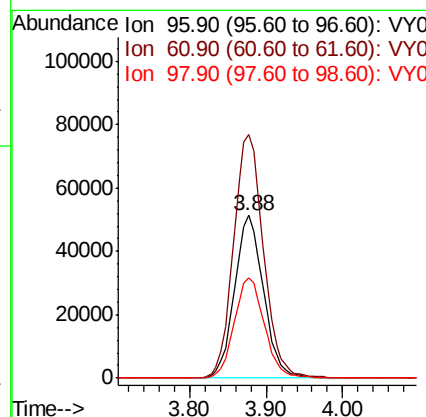
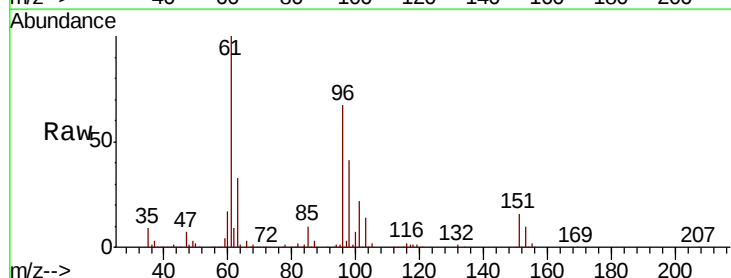
Manual Integrations  
APPROVED

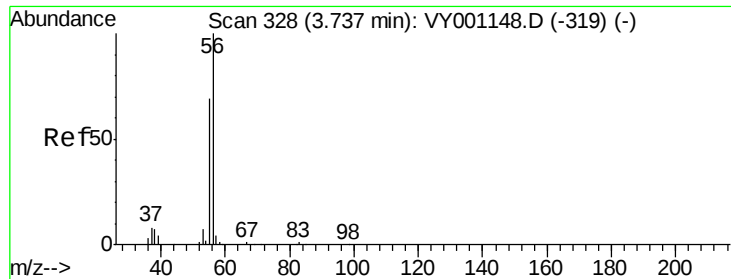
MMDadoda  
1/13/2020 12:39:11 PM



#12  
1,1-Dichloroethene  
Concen: 54.997 ug/l  
RT: 3.88 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion   | 96    | Resp  | 134490 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 149.9 | 122.1 | 183.1  |
| 98        | 62.1  | 51.0  | 76.6   |





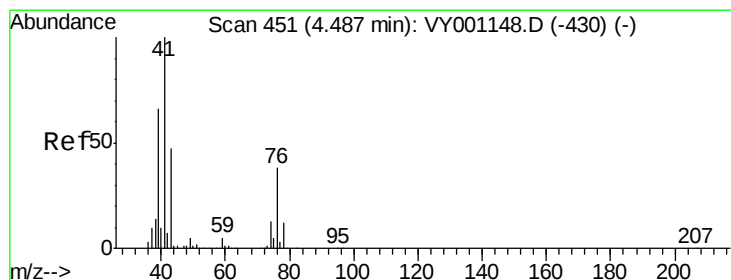
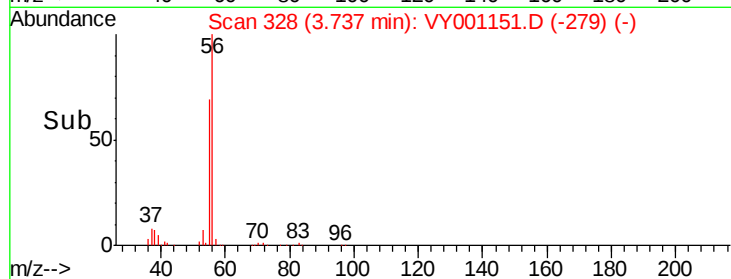
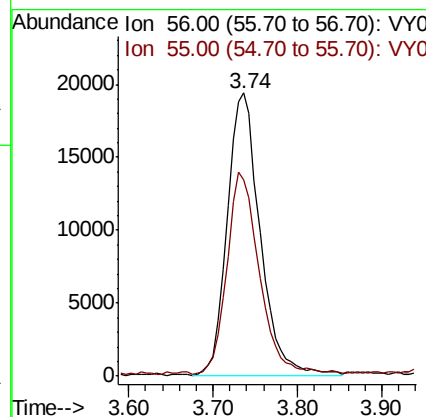
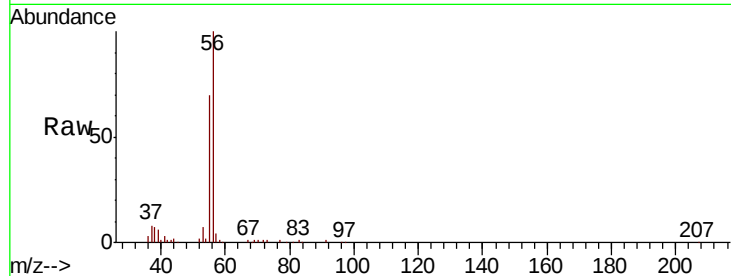
#13  
Acrolein  
Concen: 224.756 ug/l  
RT: 3.74 min Scan# 328  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion   | 56   | Resp  | 51433 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 70.2 | 56.7  | 85.1  |

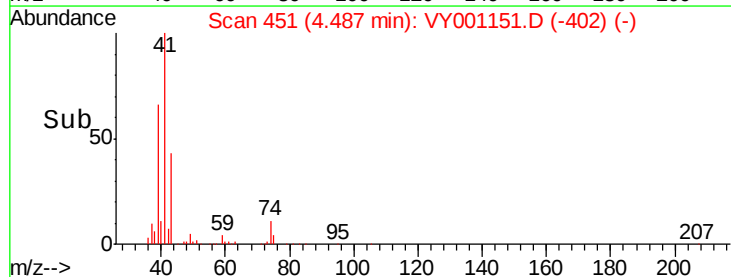
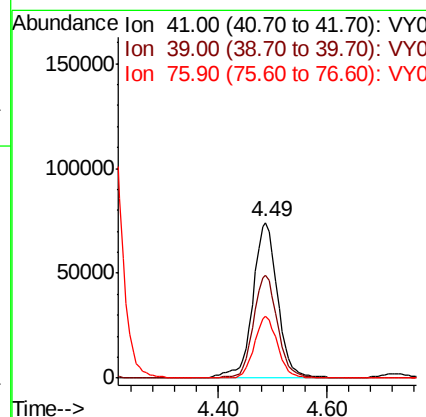
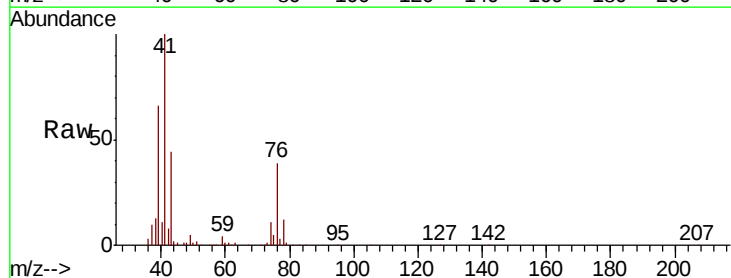
Manual Integrations  
APPROVED

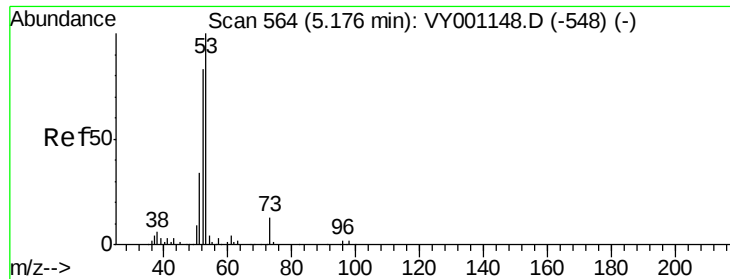
MMDadoda  
1/13/2020 12:39:11 PM



#14  
Allyl chloride  
Concen: 56.006 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion   | 41   | Resp  | 231151 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 64.9 | 52.6  | 78.8   |
| 76        | 37.5 | 30.2  | 45.2   |





#15

Acrylonitrile

Concen: 266.420 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

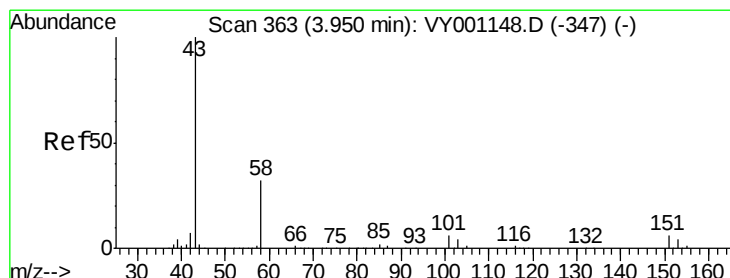
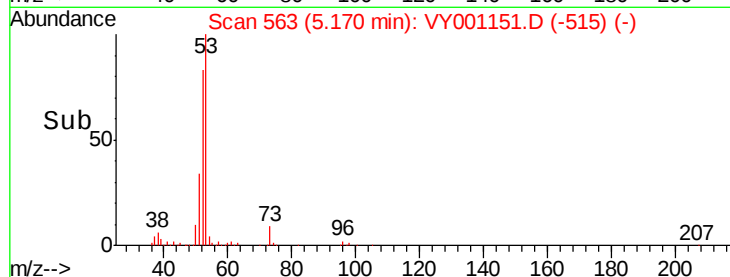
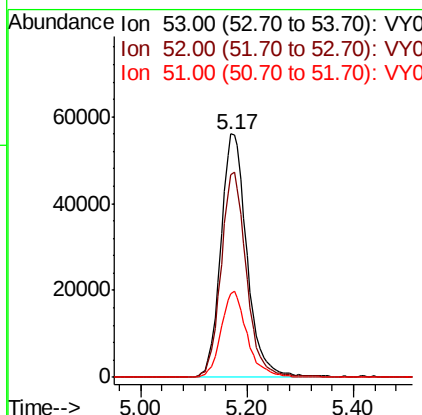
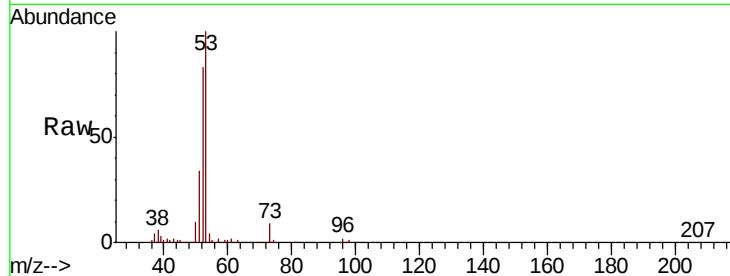
ClientSampleId :

ICVY011020

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 192255 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 81.2 | 65.7  | 98.5   |
| 51        | 35.0 | 28.7  | 43.1   |

Manual Integrations  
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1/13/2020 12:39:11 PM



#16

Acetone

Concen: 271.082 ug/l

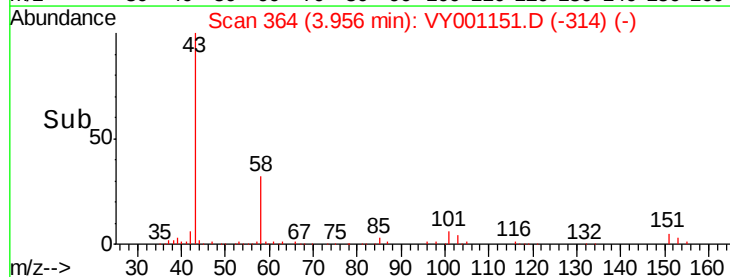
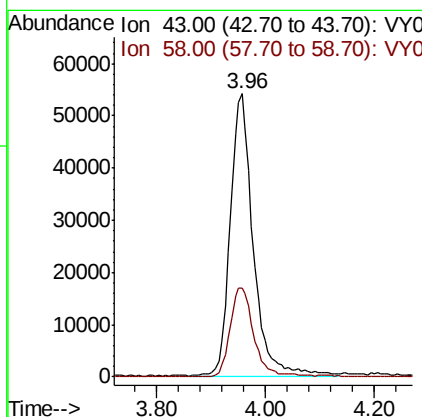
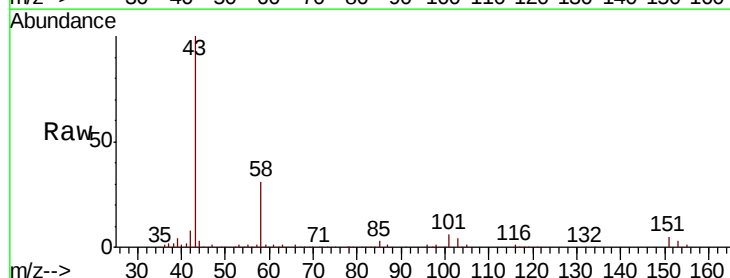
RT: 3.96 min Scan# 364

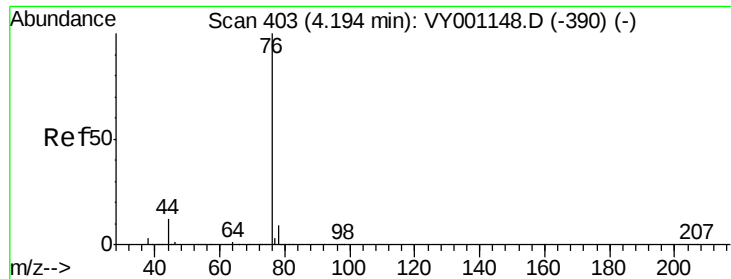
Delta R.T. 0.01 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 159056 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 31.4 | 25.8  | 38.6   |





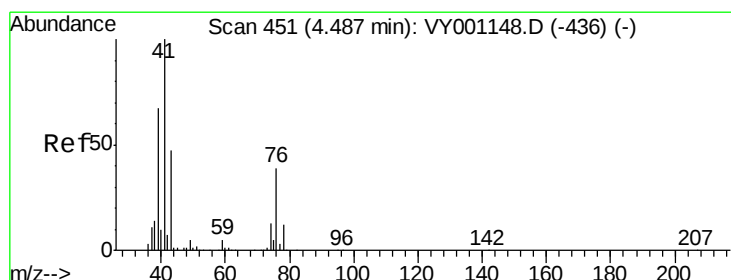
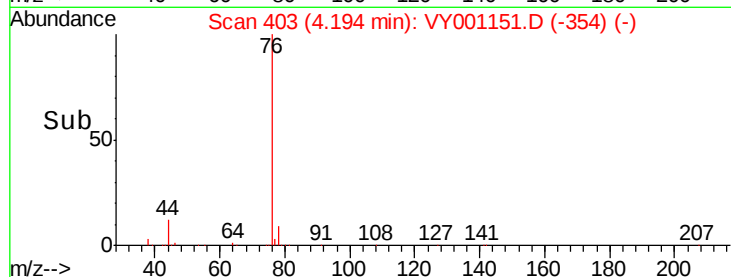
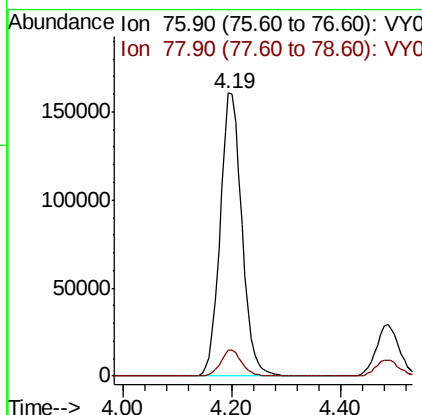
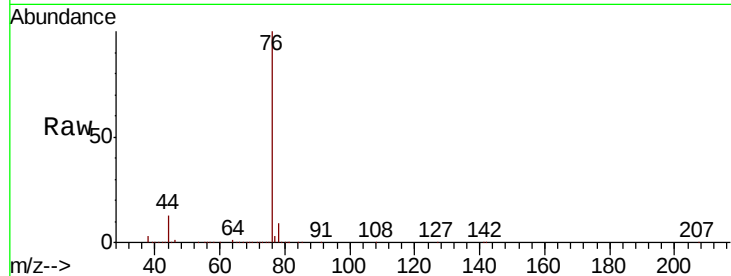
#17  
Carbon Disulfide  
Concen: 56.260 ug/l  
RT: 4.19 min Scan# 403  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.2   | 10.8  |

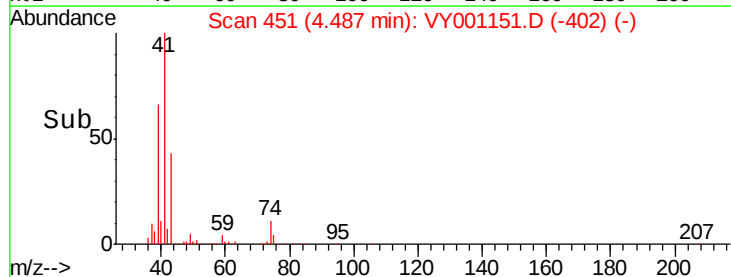
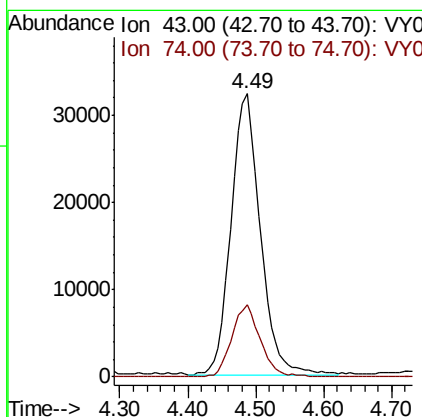
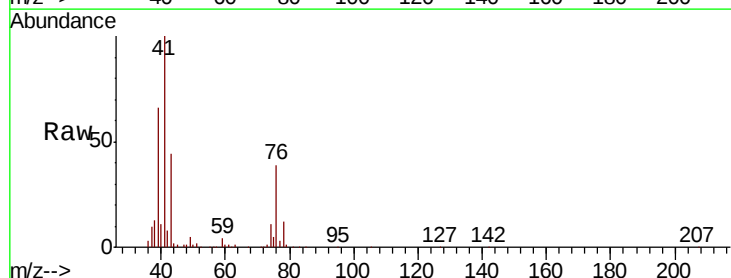
Manual Integrations  
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MMDadoda  
1/13/2020 12:39:11 PM



#18  
Methyl Acetate  
Concen: 49.765 ug/l  
RT: 4.49 min Scan# 451  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.0  | 20.2  | 30.2  |





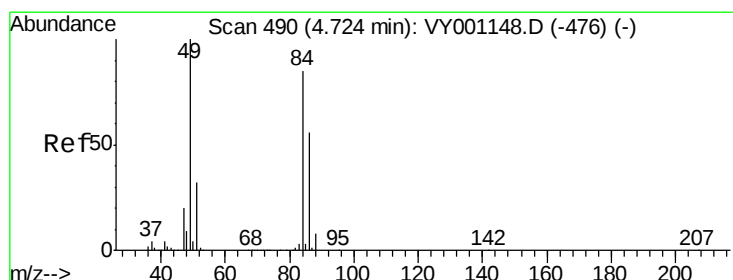
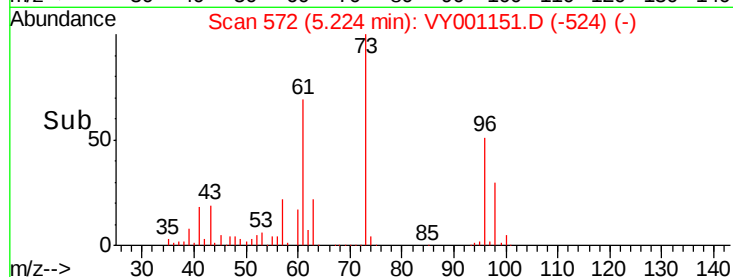
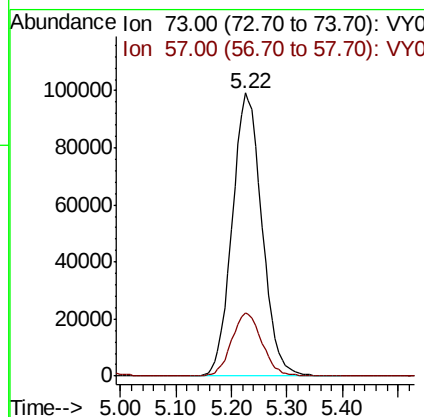
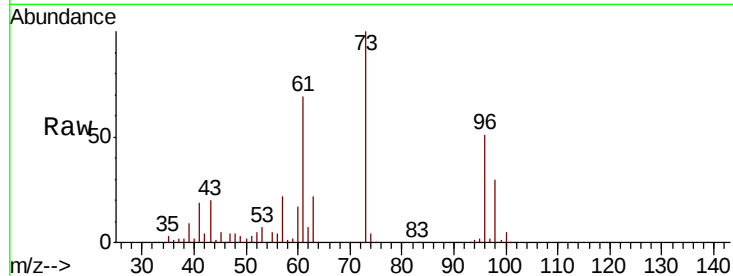
#19  
Methyl tert-butyl Ether  
Concen: 54.302 ug/l  
RT: 5.22 min Scan# 572  
Delta R.T. -0.01 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

Tot Ion: 73 Resp: 367309  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.8 26.6

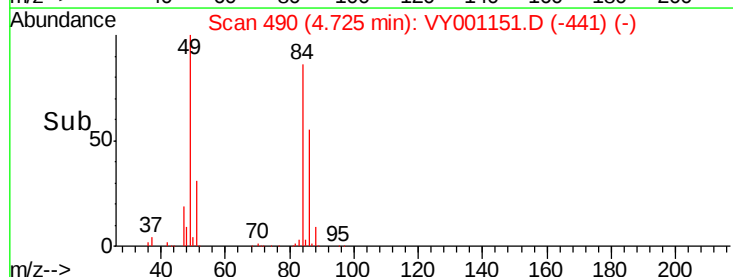
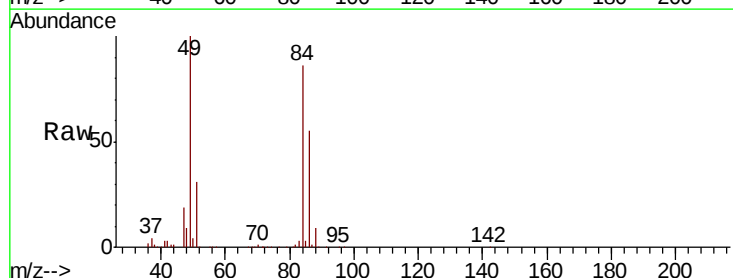
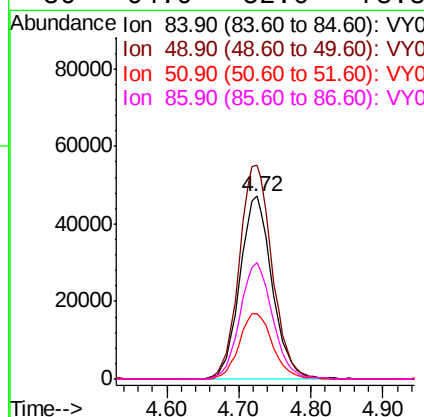
Manual Integrations  
APPROVED

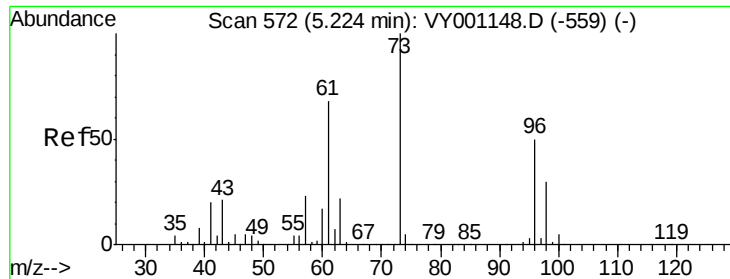
MMDadoda  
1/13/2020 12:39:11 PM



#20  
Methylene Chloride  
Concen: 54.066 ug/l  
RT: 4.72 min Scan# 490  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Tgt Ion: 84 Resp: 146608  
Ion Ratio Lower Upper  
84 100  
49 116.7 93.8 140.6  
51 35.9 29.9 44.9  
86 64.0 52.6 78.8





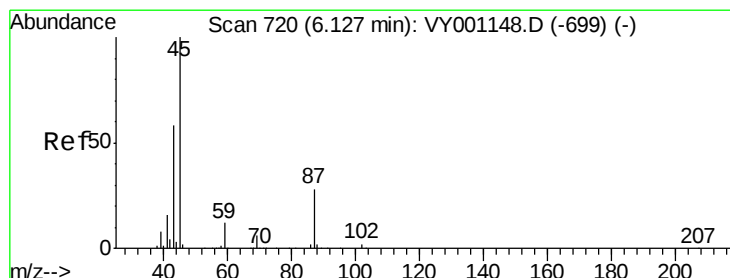
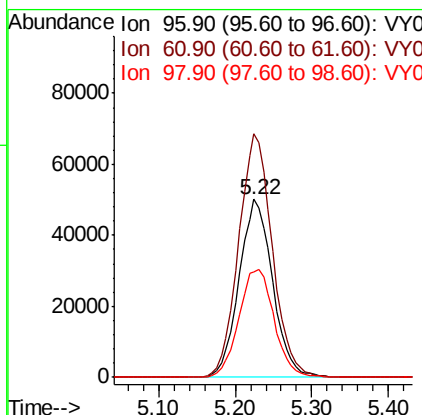
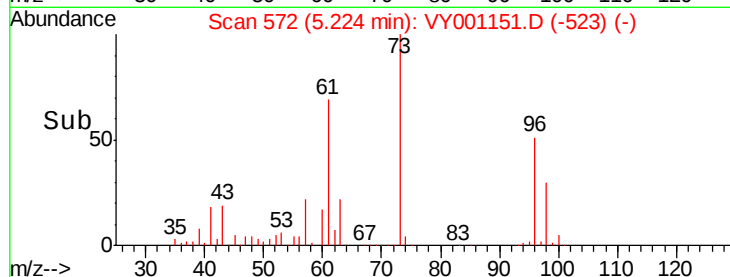
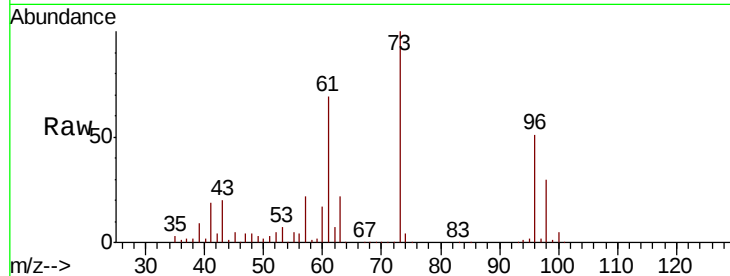
#21  
trans-1,2-Dichloroethene  
Concen: 55.063 ug/l  
RT: 5.22 min Scan# 572  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.6 | 107.6 | 161.4 |
| 98      | 59.2  | 47.6  | 71.4  |

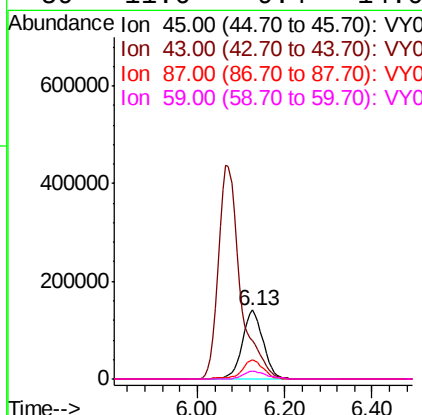
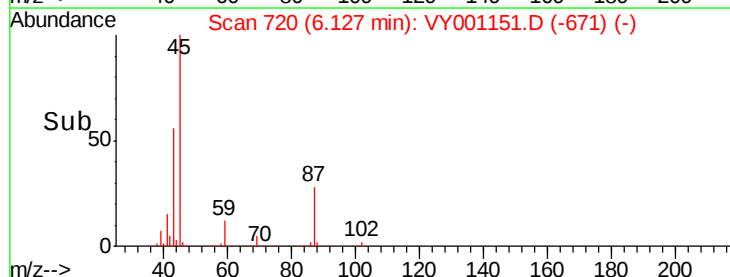
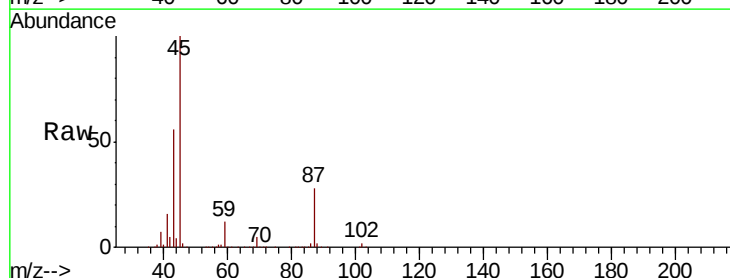
Manual Integrations  
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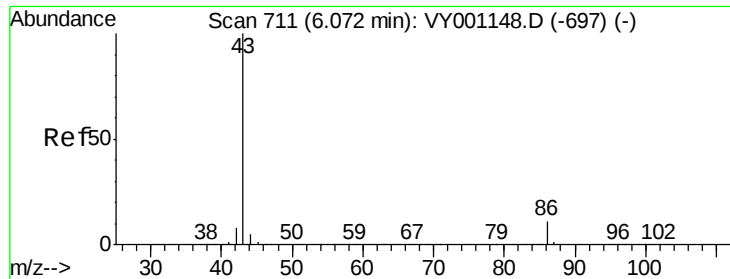
MMDadoda  
1/13/2020 12:39:11 PM



#22  
Diisopropyl ether  
Concen: 55.335 ug/l  
RT: 6.13 min Scan# 720  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 56.1  | 46.5  | 69.7  |
| 87      | 27.9  | 22.5  | 33.7  |
| 59      | 11.6  | 9.4   | 14.0  |





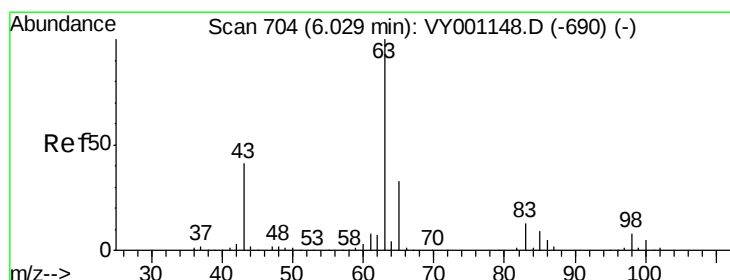
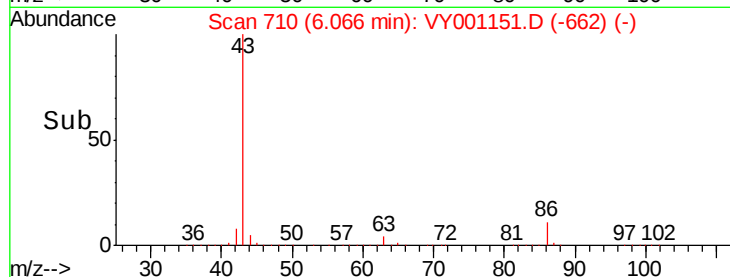
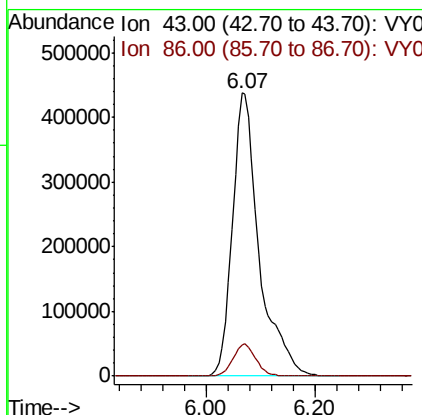
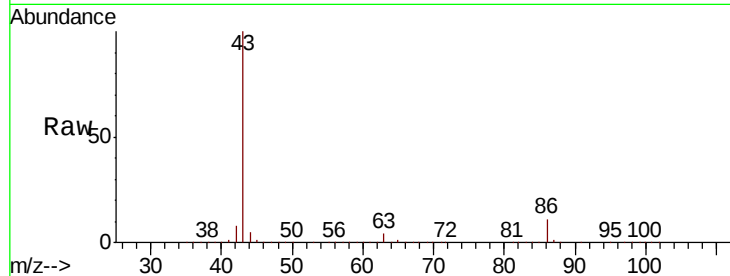
#23  
 Vinyl Acetate  
 Concen: 277.721 ug/l  
 RT: 6.07 min Scan# 710  
 Delta R.T. -0.01 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY011020

Tot Ion: 43 Resp: 1497252  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 9.0 13.4

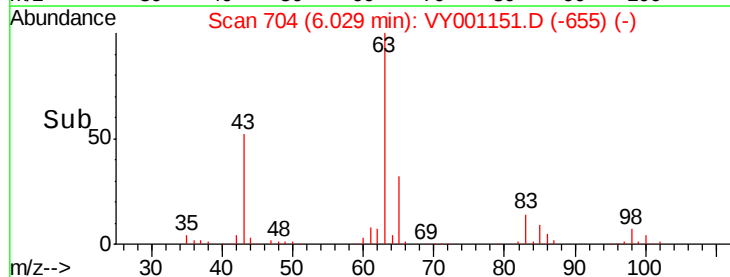
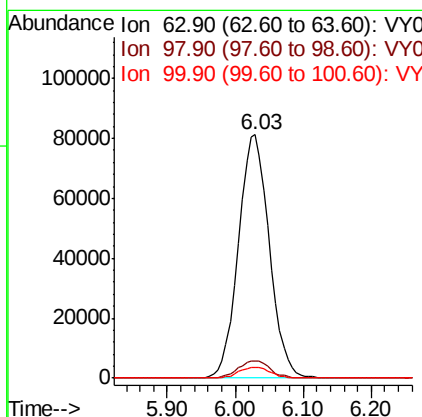
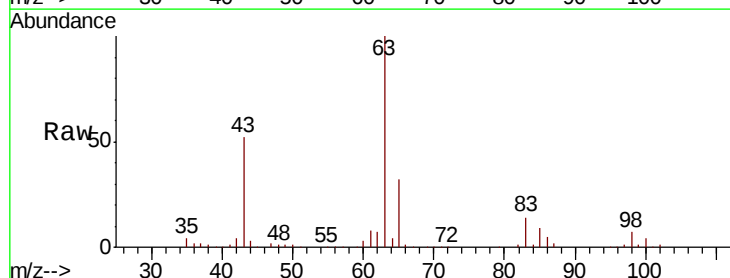
Manual Integrations  
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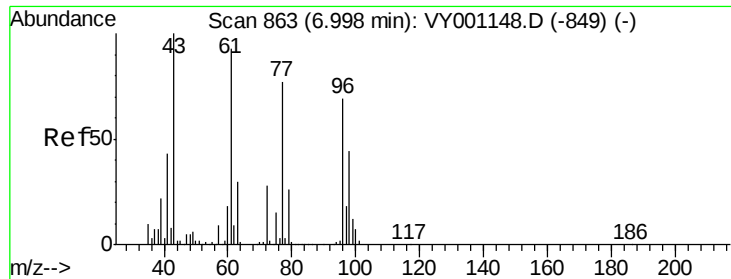
MMDadoda  
 1/13/2020 12:39:11 PM



#24  
 1,1-Dichloroethane  
 Concen: 55.592 ug/l  
 RT: 6.03 min Scan# 704  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

Tgt Ion: 63 Resp: 256553  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.9 11.7  
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 270.101 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY011020

Tot Ion: 43 Resp: 246652

Ion Ratio Lower Upper

43 100

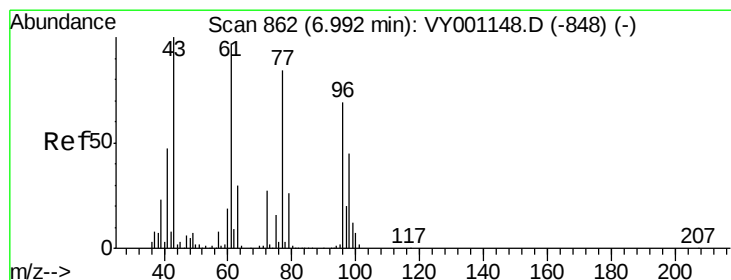
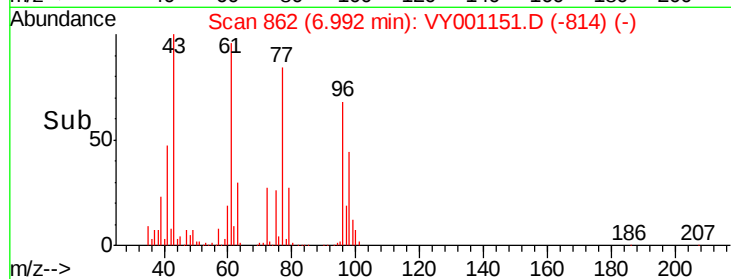
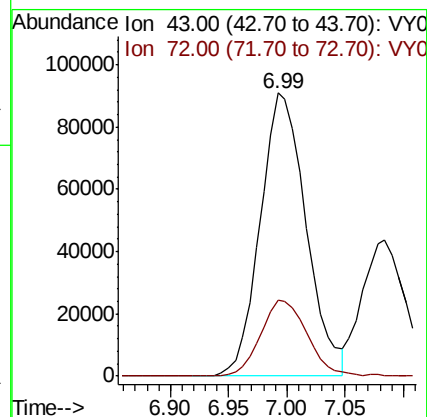
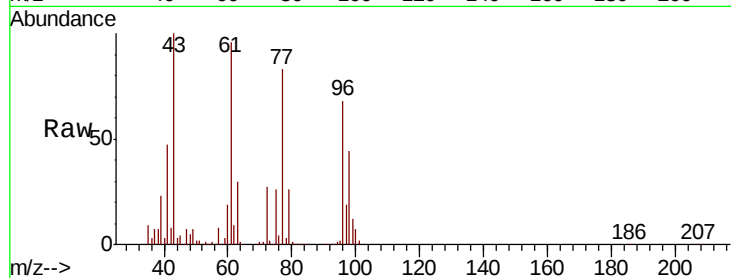
72 27.0 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 54.704 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001151.D

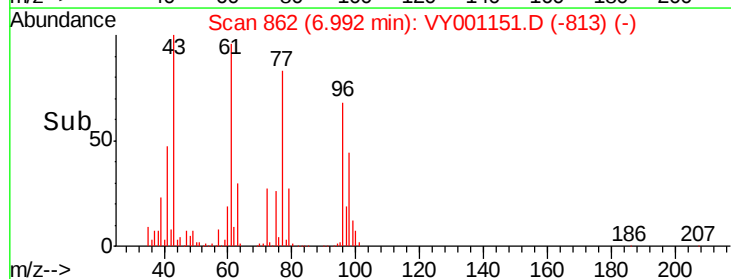
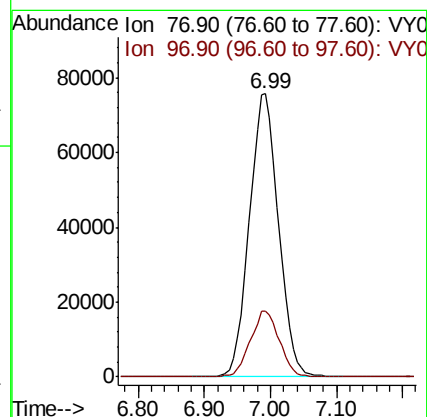
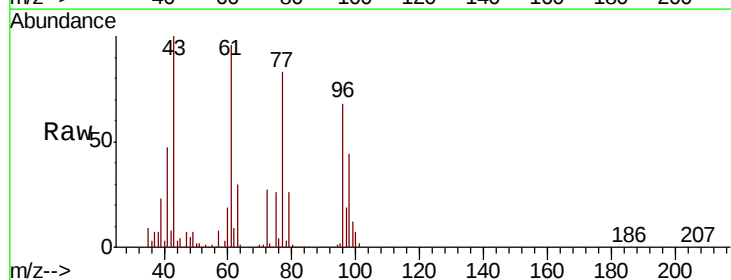
Acq: 10 Jan 2020 16:19

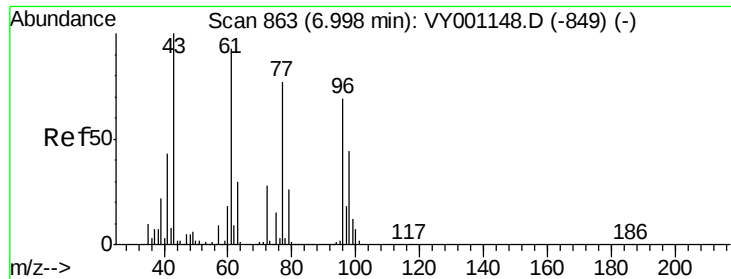
Tgt Ion: 77 Resp: 232153

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.7





#27

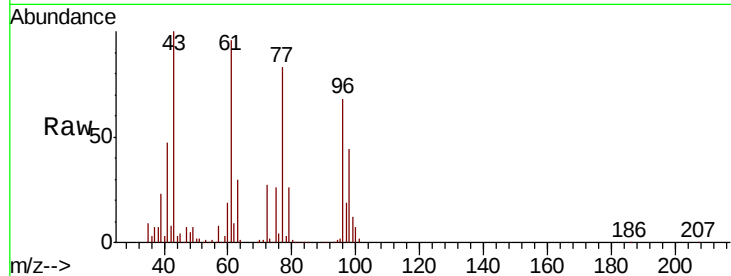
cis-1,2-Dichloroethene  
Concen: 54.527 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 165670 |       |       |
| 61      | 143.4 | 0.0    | 284.0 |       |
| 98      | 64.9  | 0.0    | 130.2 |       |

Manual Integrations  
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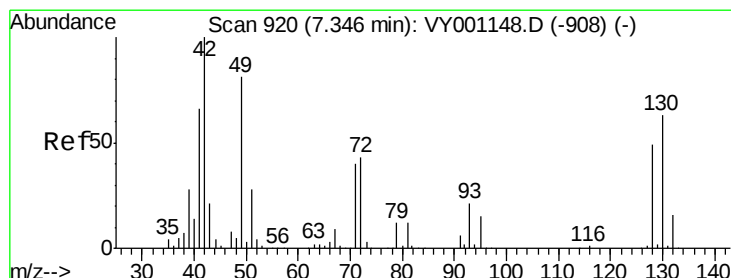
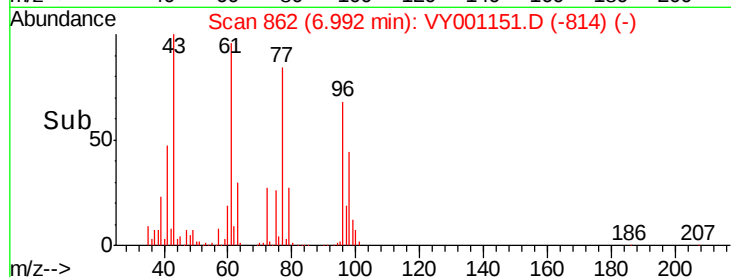
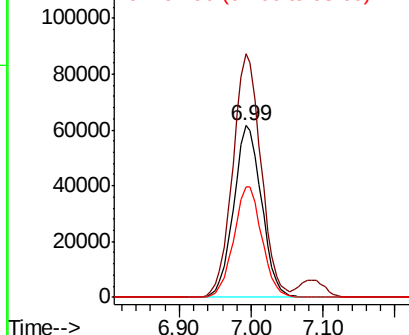


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

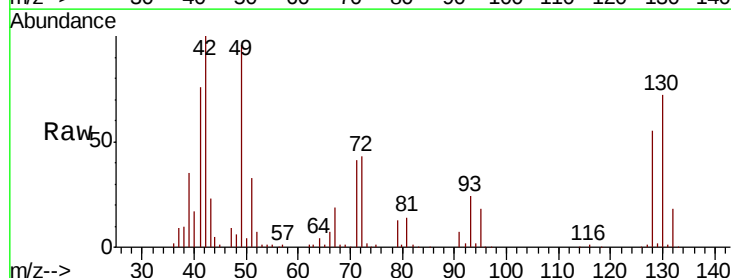
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane  
Concen: 55.059 ug/l  
RT: 7.34 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 104341 |       |       |
| 129     | 2.0   | 0.0    | 4.4   |       |
| 130     | 77.3  | 61.2   | 91.8  |       |

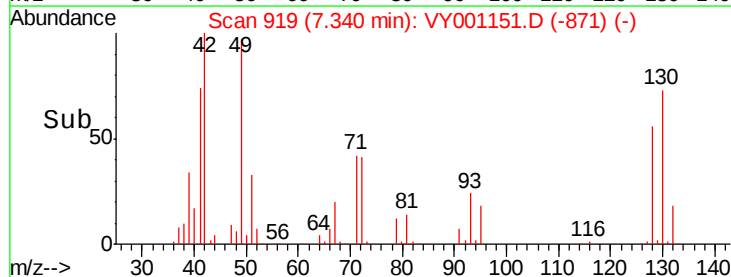
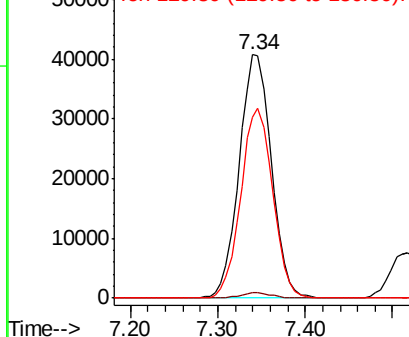


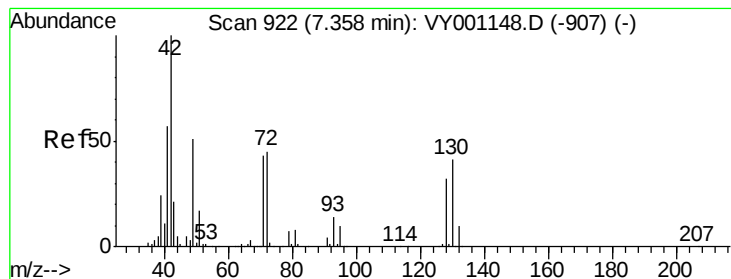
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 267.570 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

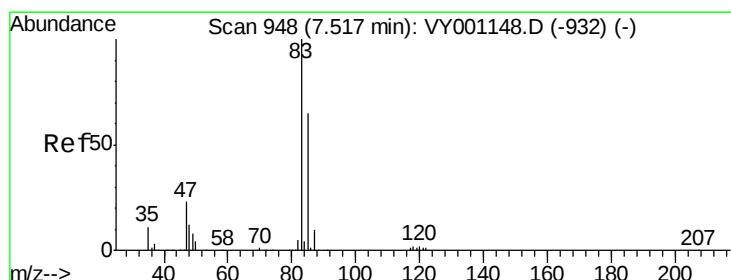
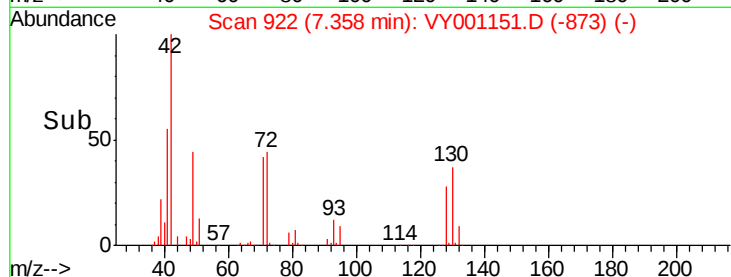
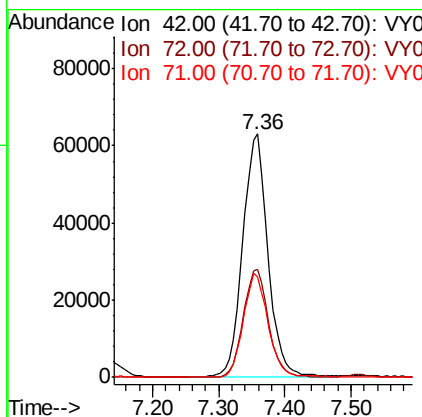
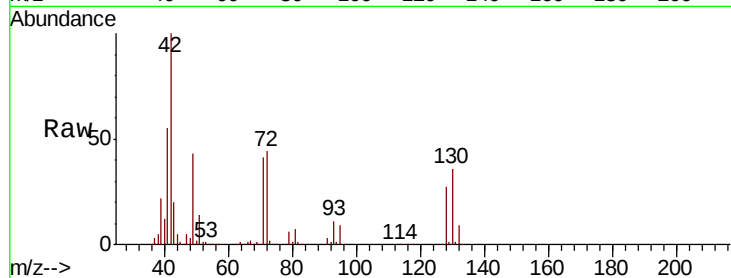
ClientSampleId :

ICVY011020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 42    | Resp: | 167447 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 44.4  | 36.9  | 55.3   |
| 71       | 41.7  | 34.0  | 51.0   |

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#30

Chloroform

Concen: 54.622 ug/l

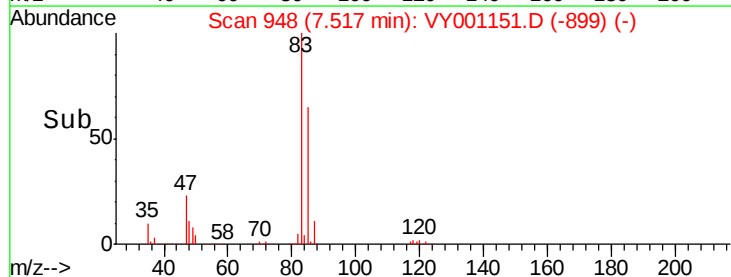
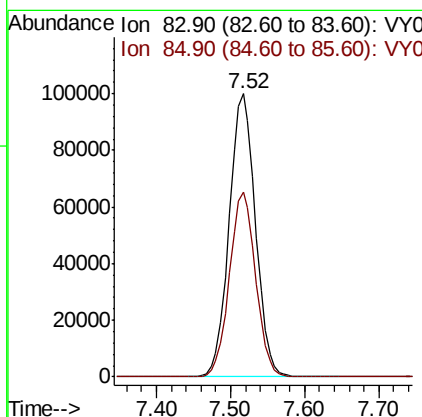
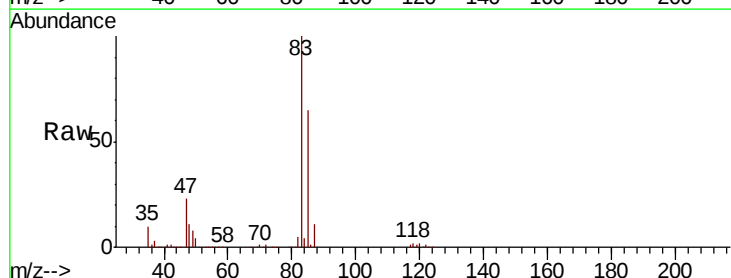
RT: 7.52 min Scan# 948

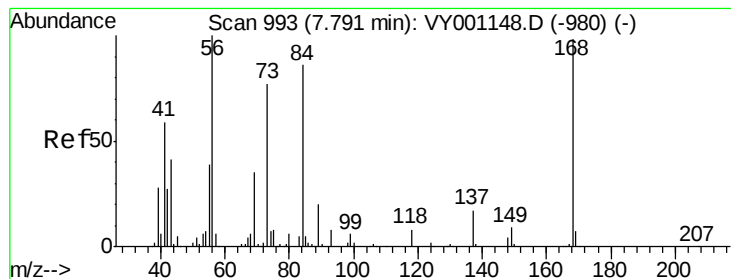
Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 246991 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.2  | 51.9  | 77.9   |





#31

Cvclohexane

Concen: 52.892 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY011020

Tot Ion: 56 Resp: 258445

Ion Ratio Lower Upper

56 100

69 35.1 27.8 41.8

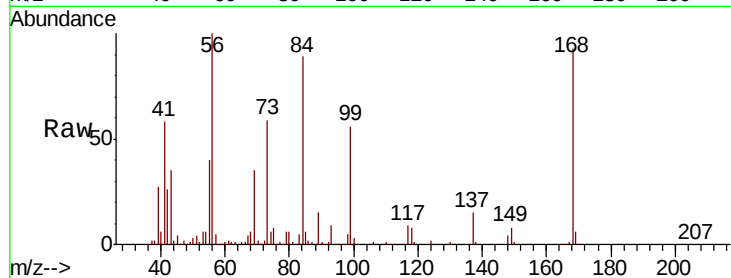
84 87.6 68.9 103.3

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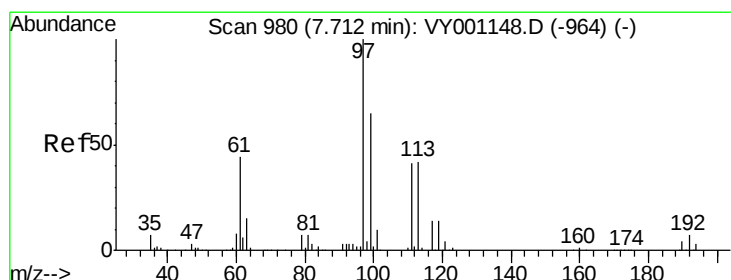
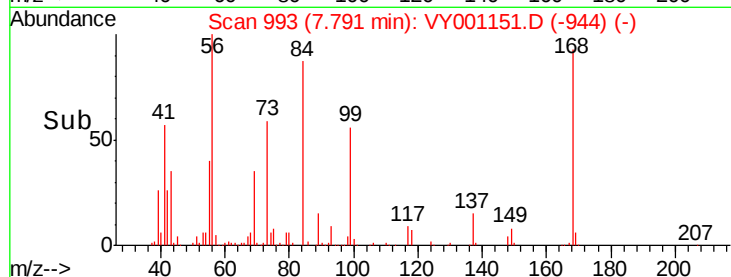
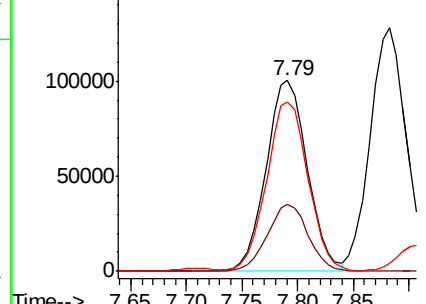
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 54.839 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

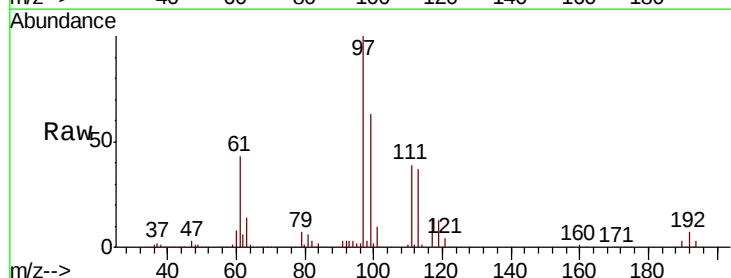
Tgt Ion: 97 Resp: 220023

Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

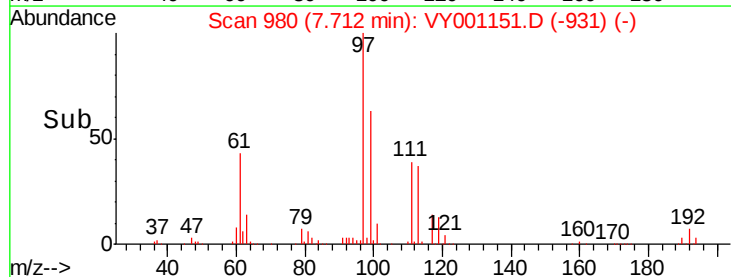
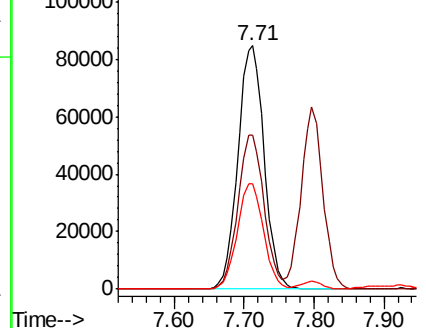
61 43.5 34.6 52.0

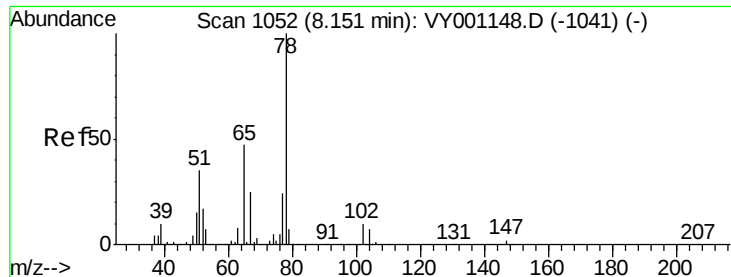


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 50.849 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVVY011020

Tot Ion: 65 Resp: 128466

Ion Ratio Lower Upper

65 100

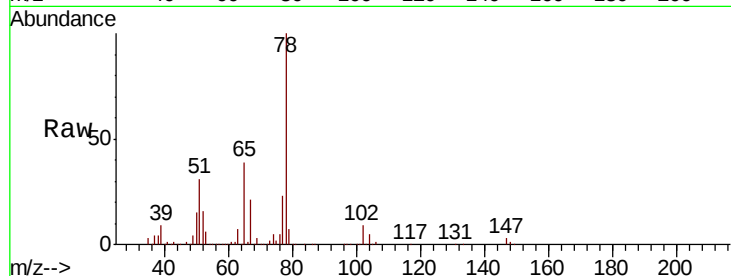
67 53.6 0.0 105.2

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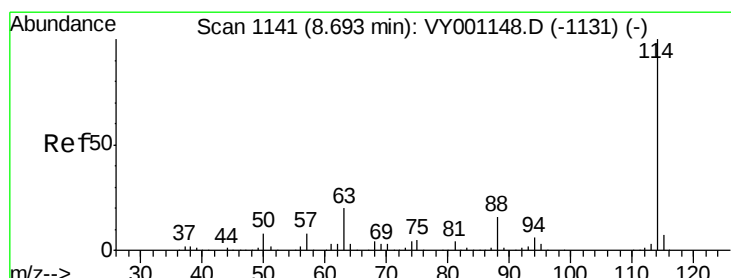
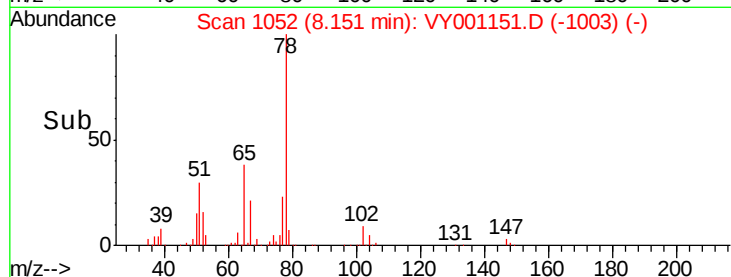
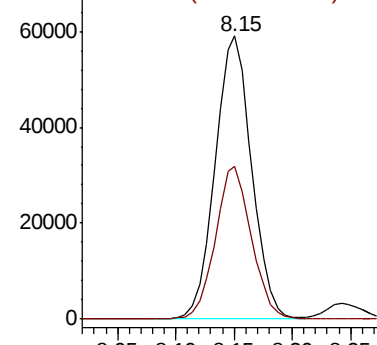
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

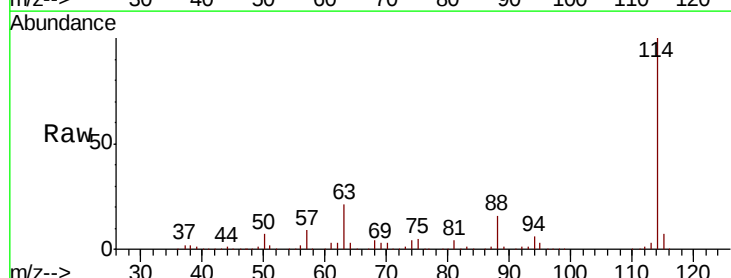
Tgt Ion: 114 Resp: 408816

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

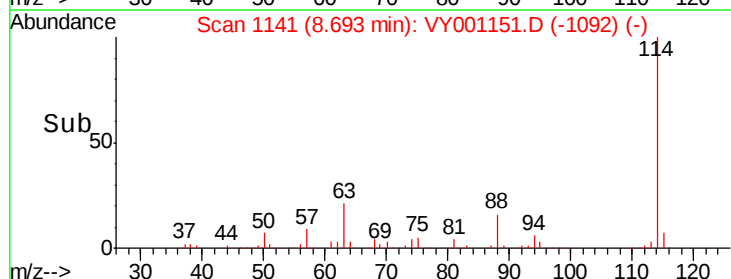
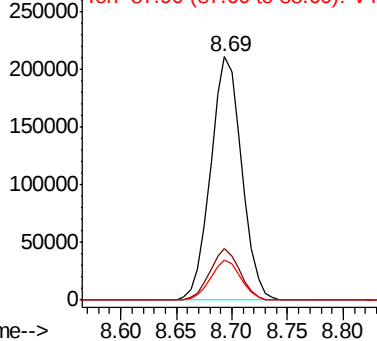
88 16.2 0.0 32.4

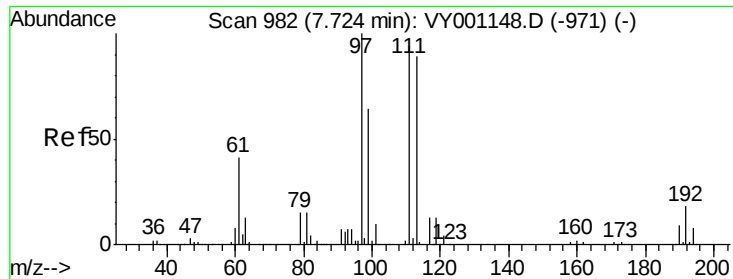


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





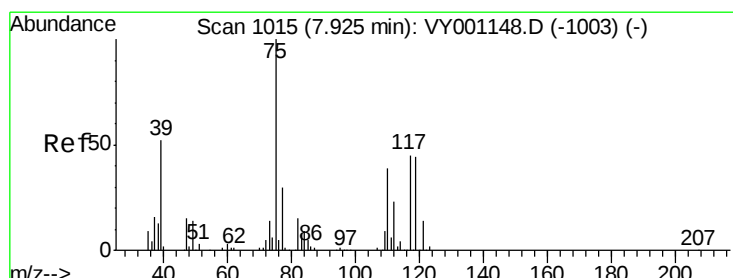
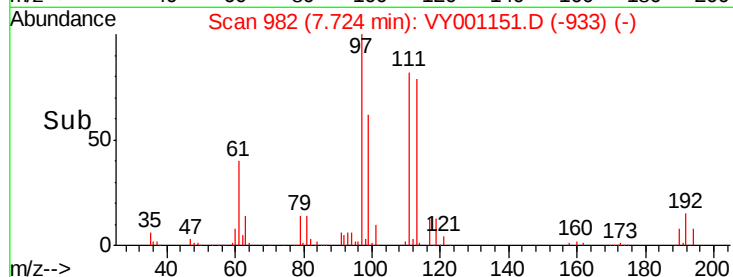
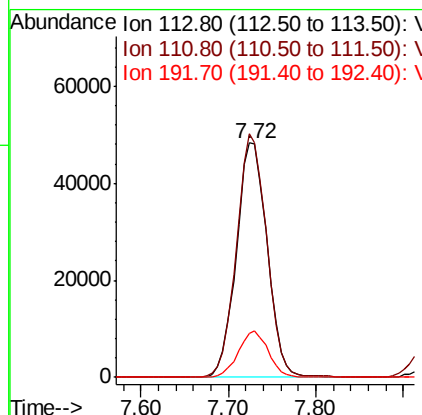
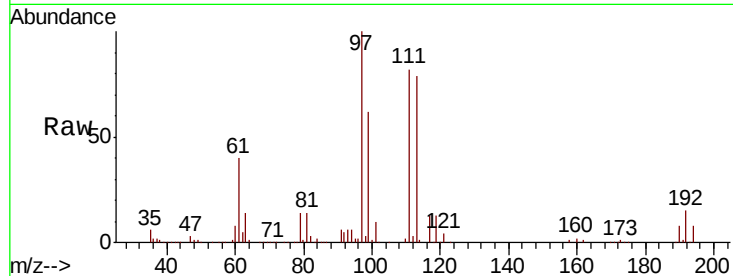
#35  
Dibromofluoromethane  
Concen: 49.417 ug/l  
RT: 7.72 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY011020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 118286 |       |       |
| 111     | 101.9 | 82.9   | 124.3 |       |
| 192     | 19.2  | 15.4   | 23.2  |       |

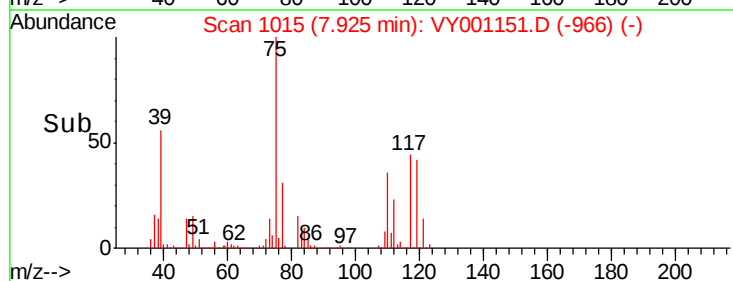
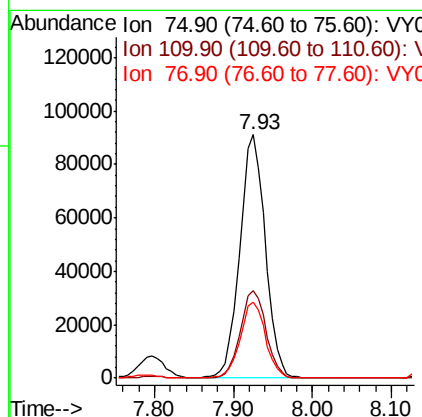
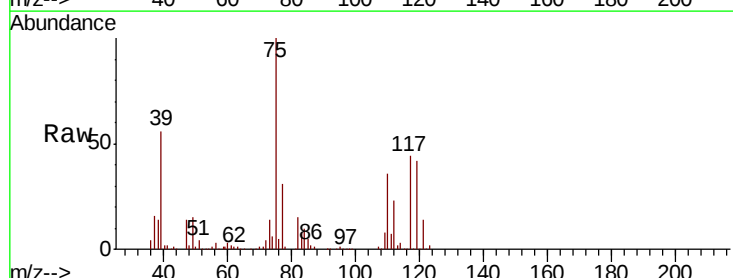
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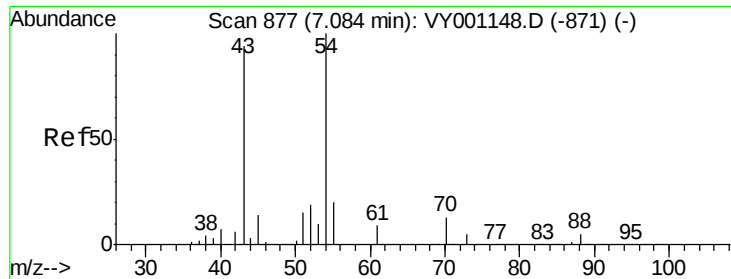
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#36  
1,1-Dichloropropene  
Concen: 55.314 ug/l  
RT: 7.93 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 206105 |       |       |
| 110     | 36.2  | 18.3   | 54.8  |       |
| 77      | 31.0  | 25.1   | 37.7  |       |





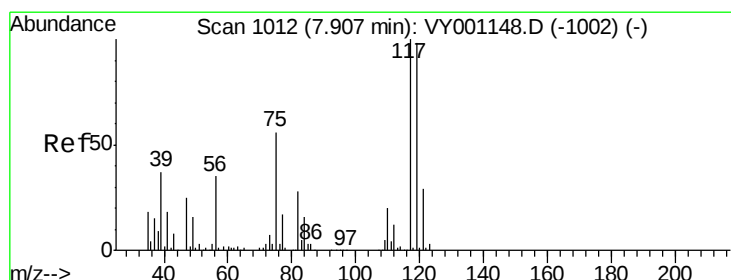
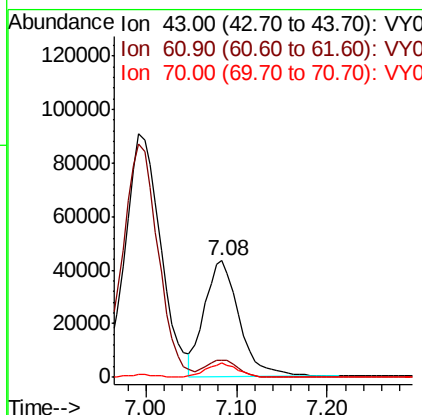
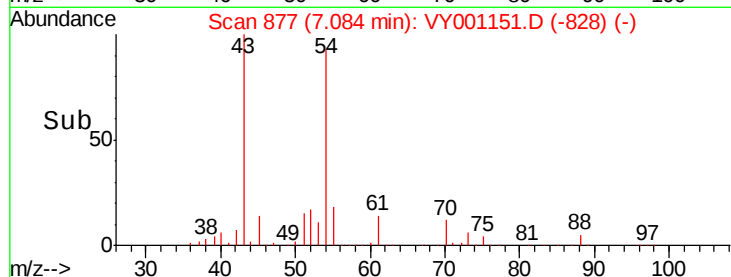
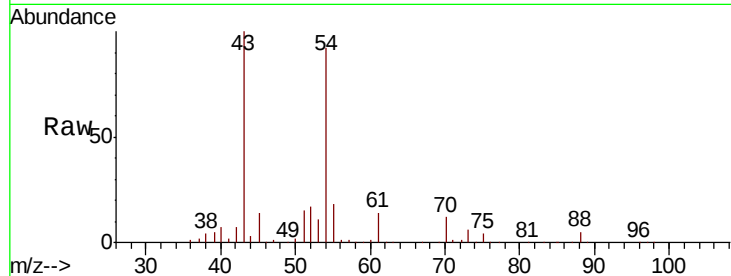
#37  
Ethyl Acetate  
Concen: 52.652 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.9  | 11.1  | 16.7  |
| 70      | 11.2  | 9.7   | 14.5  |

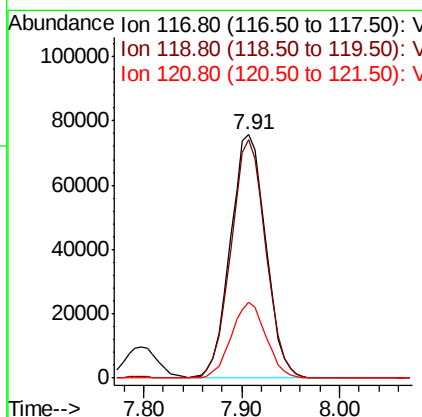
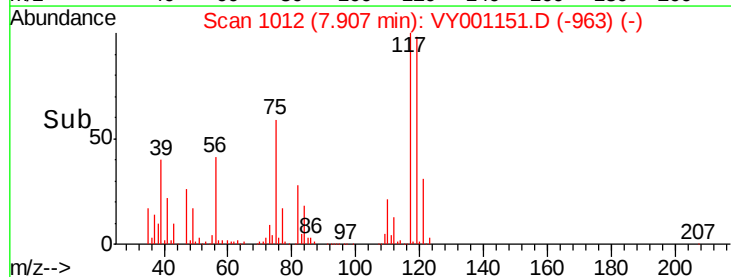
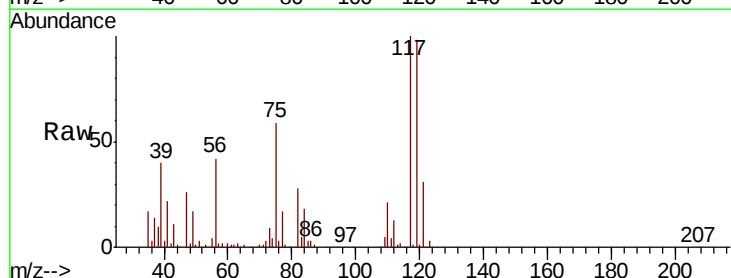
Manual Integrations  
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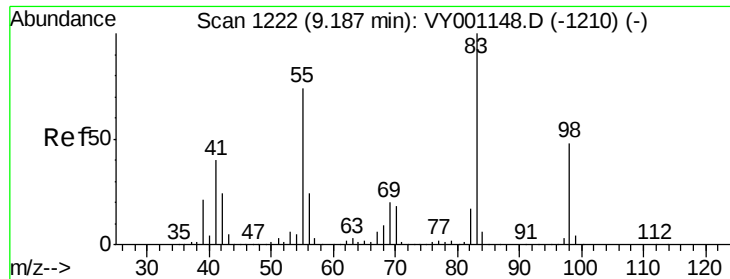
MMDadoda  
1/13/2020 12:39:11 PM



#38  
Carbon Tetrachloride  
Concen: 55.656 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.8  | 78.3  | 117.5 |
| 121     | 31.4  | 23.5  | 35.3  |





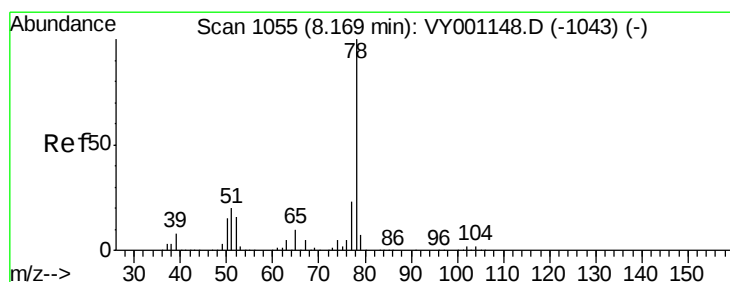
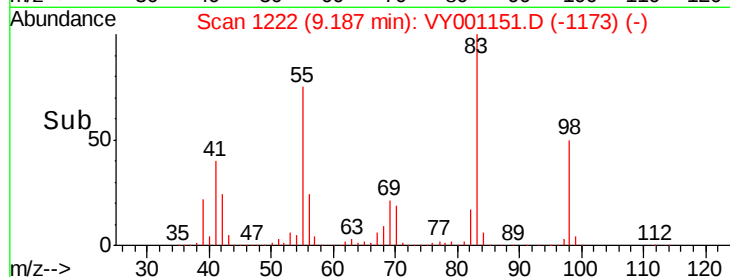
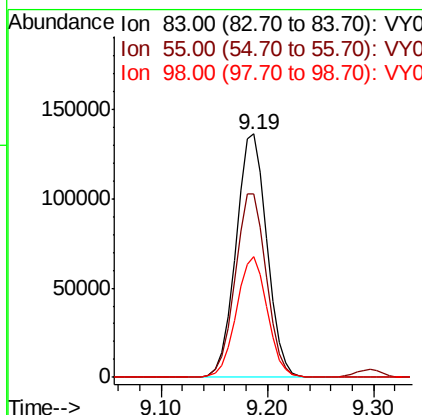
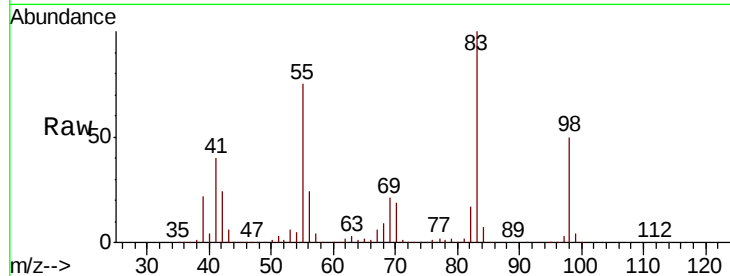
#39  
Methylvlcyclohexane  
Concen: 55.223 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.1  | 58.9  | 88.3  |
| 98      | 49.6  | 38.4  | 57.6  |

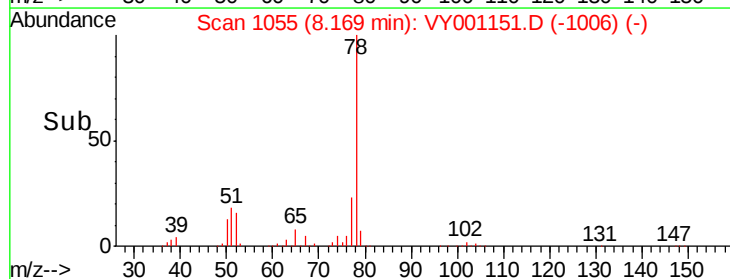
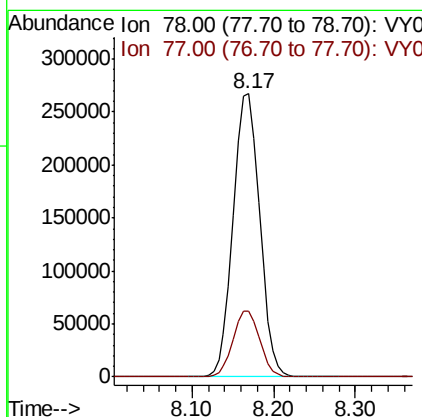
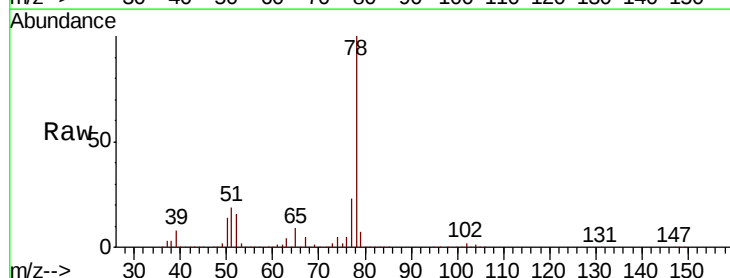
Manual Integrations  
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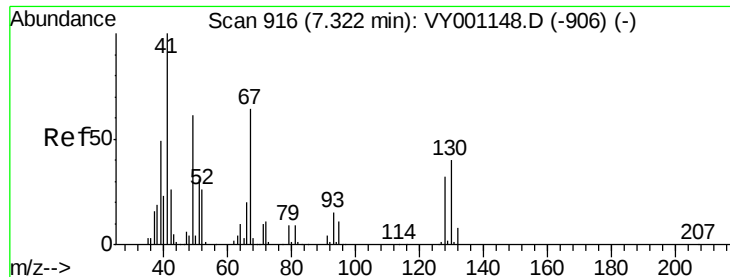
MMDadoda  
1/13/2020 12:39:11 PM



#40  
Benzene  
Concen: 55.315 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 18.8  | 28.2  |





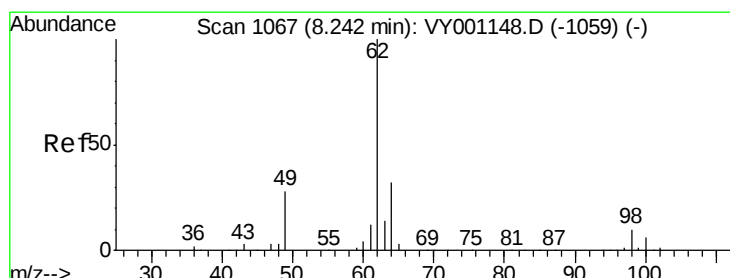
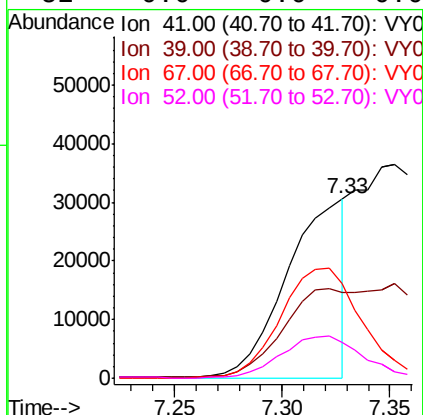
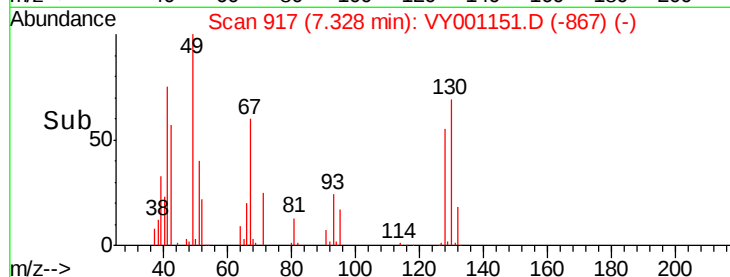
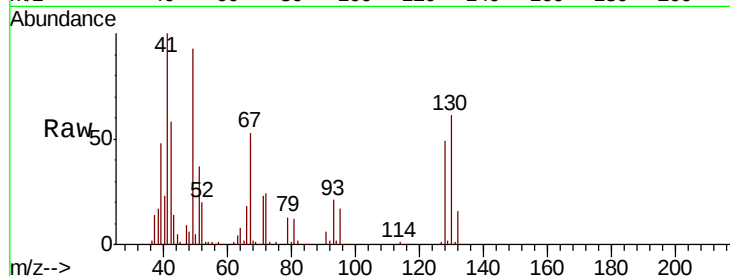
#41  
Methacrylonitrile  
Concen: 56.660 ug/l m  
RT: 7.33 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | 41    | Resp  | 58201  |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 41      | 100   |       |        |
| 39      | 0.0   | 103.5 | 155.3# |
| 67      | 0.0   | 0.0   | 0.0    |
| 52      | 0.0   | 0.0   | 0.0    |

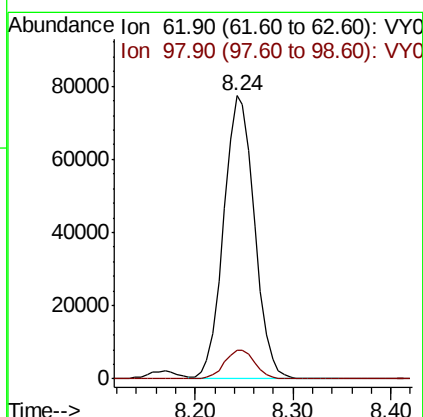
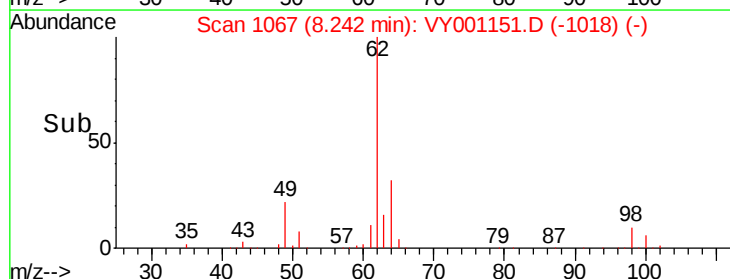
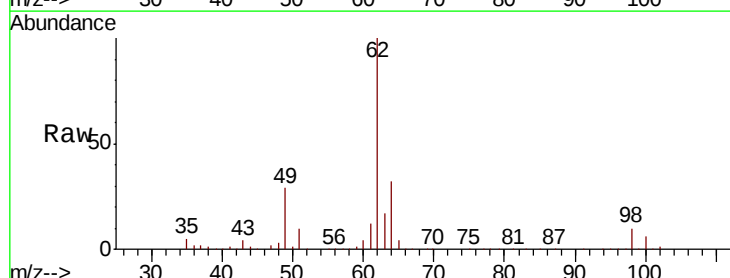
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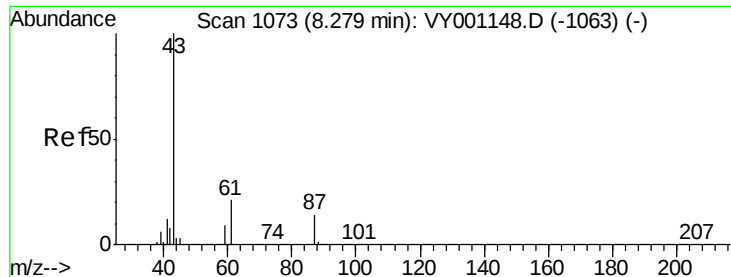
MMDadoda  
1/13/2020 12:39:11 PM



#42  
1,2-Dichloroethane  
Concen: 55.467 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | 62    | Resp  | 168931 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 10.2  | 0.0   | 20.4   |





#43

Isopropyl Acetate

Concen: 54.060 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

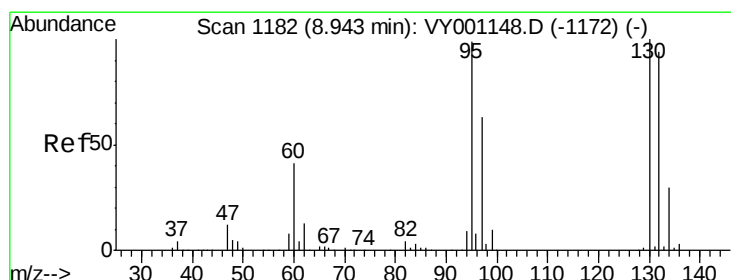
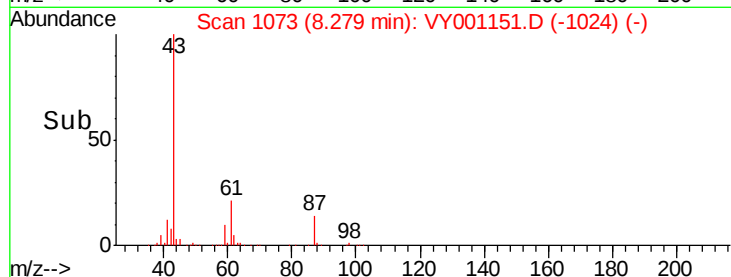
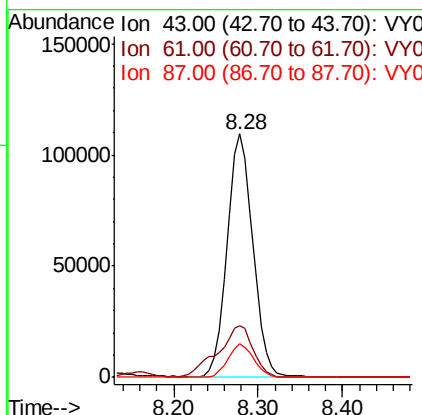
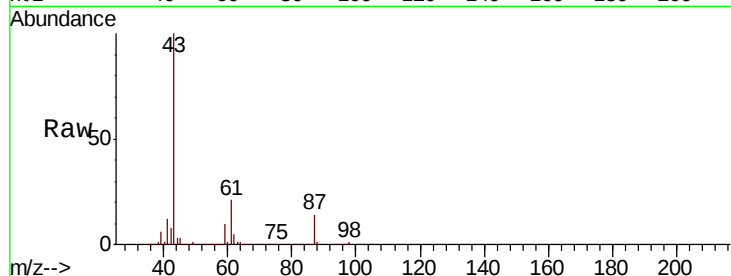
ClientSampleId :

ICVY011020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 226053 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 29.3  | 23.9  | 35.9   |
| 87       | 13.8  | 11.4  | 17.2   |

Manual Integrations  
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1/13/2020 12:39:11 PM



#44

Trichloroethene

Concen: 55.980 ug/l

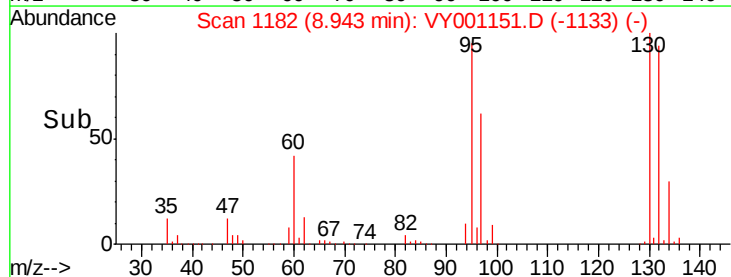
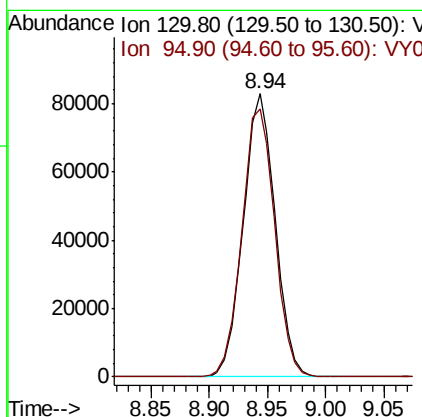
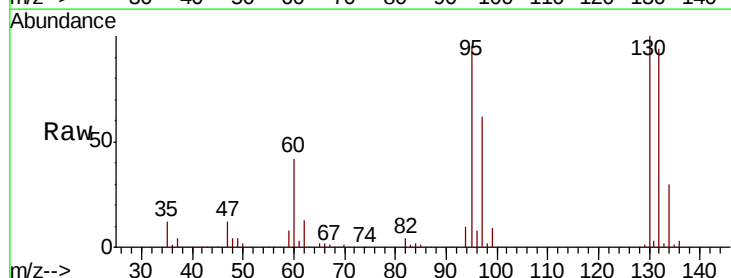
RT: 8.94 min Scan# 1182

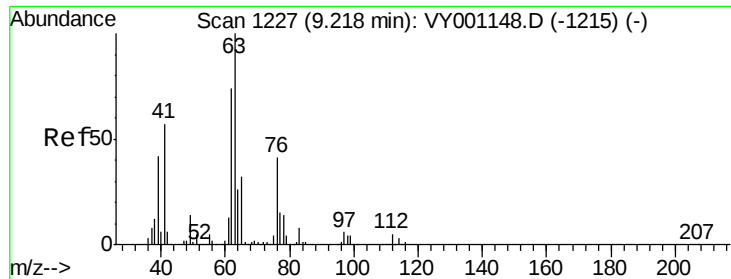
Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 158658 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 94.8  | 0.0   | 197.6  |





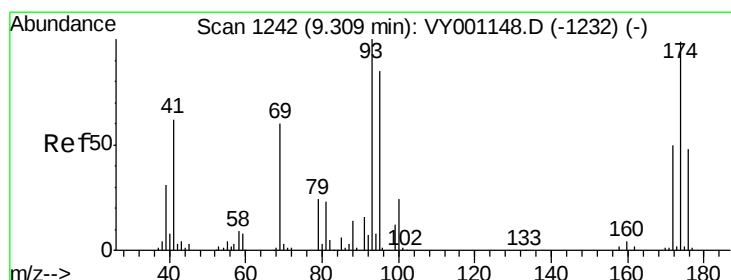
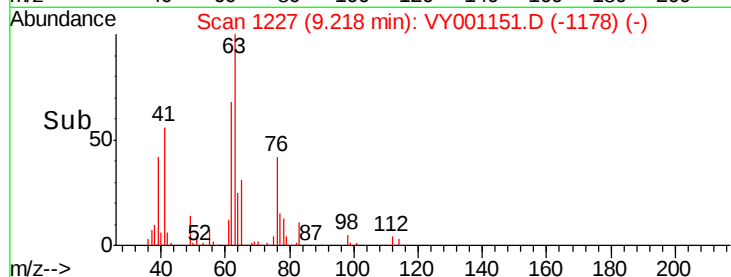
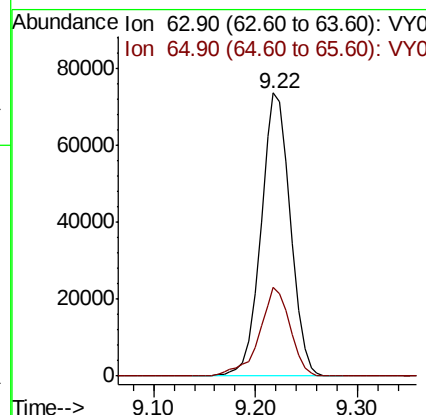
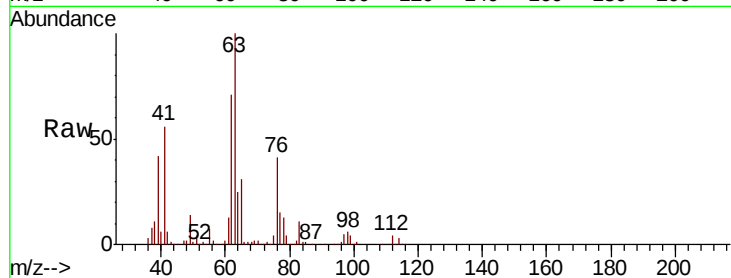
#45  
 1,2-Dichloropropane  
 Concen: 54.817 ug/l  
 RT: 9.22 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.4  | 25.8  | 38.8  |

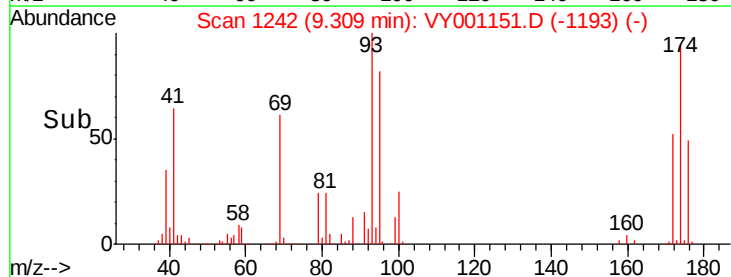
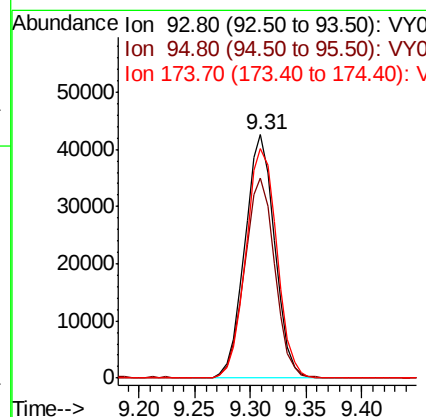
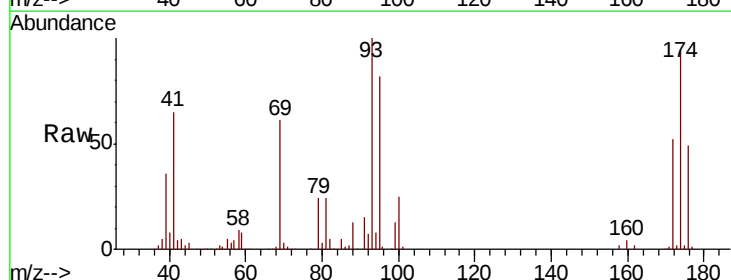
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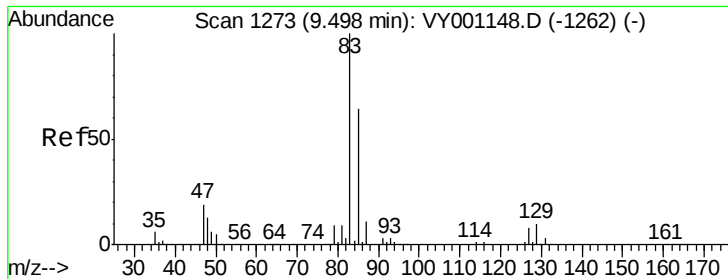
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 1/13/2020 12:39:11 PM



#46  
 Dibromomethane  
 Concen: 54.053 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.5  | 66.8  | 100.2 |
| 174     | 98.0  | 78.4  | 117.6 |





#47

Bromodichloromethane

Concen: 55.133 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

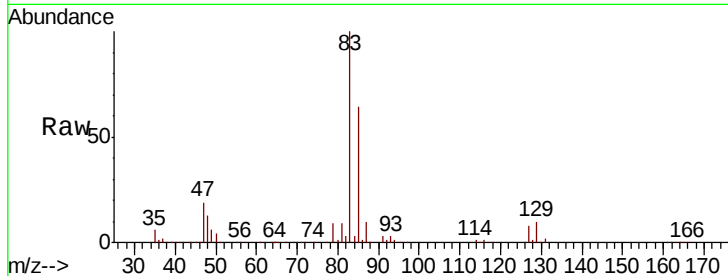
ClientSampleId :

ICVY011020

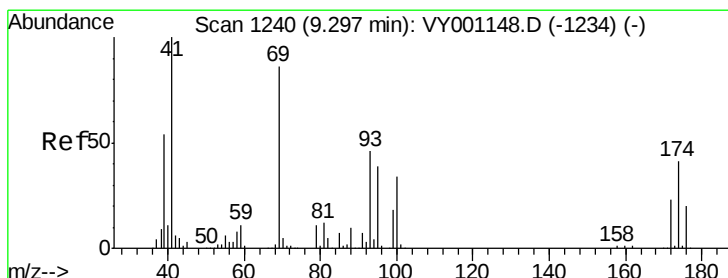
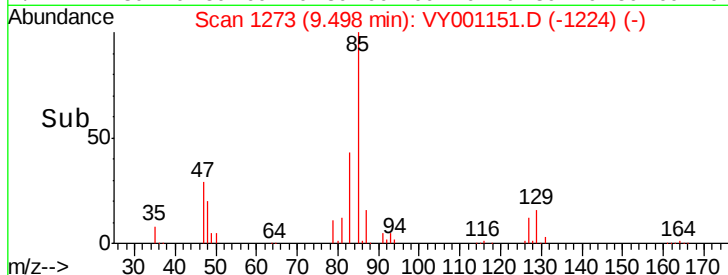
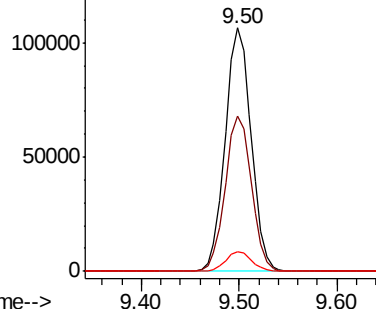
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 197130 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.6  | 51.5  | 77.3   |
| 127       | 7.9   | 6.3   | 9.5    |

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Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 53.576 ug/l

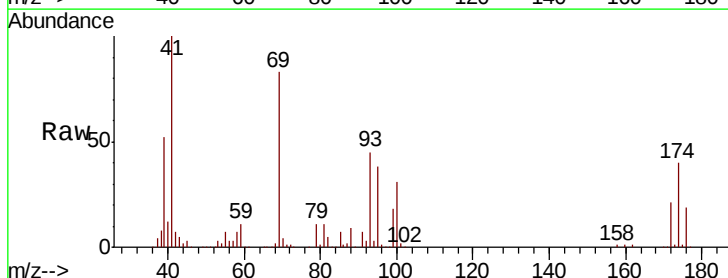
RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

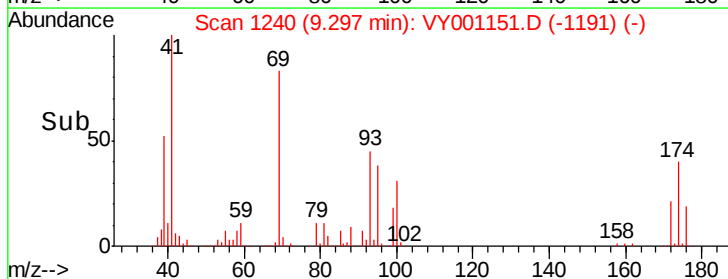
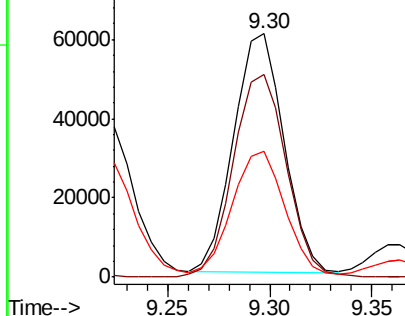
Lab File: VY001151.D

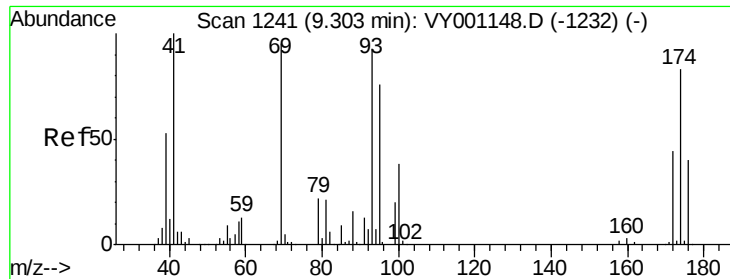
Acq: 10 Jan 2020 16:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 103671 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 89.0  | 69.8  | 104.8  |
| 39        | 55.4  | 45.2  | 67.8   |



Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0





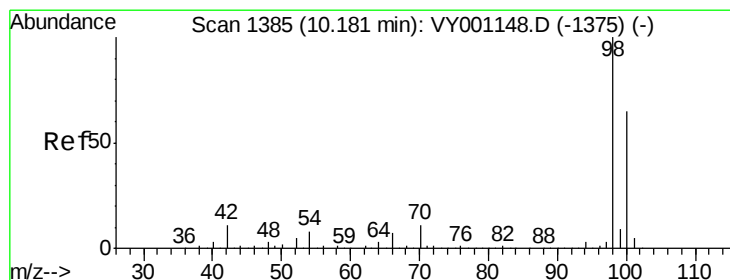
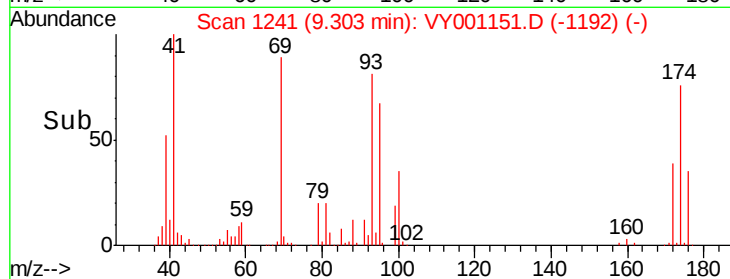
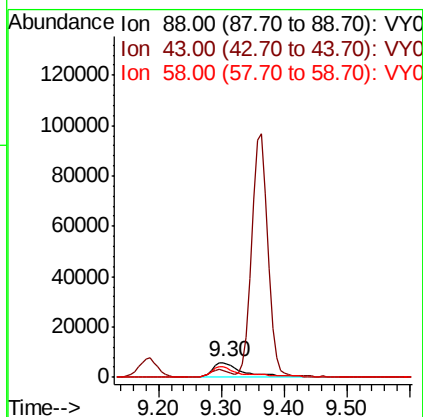
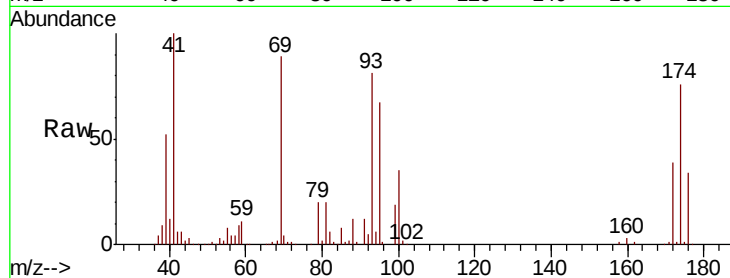
#49  
1,4-Dioxane  
Concen: 1169.130 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | 88    | Resp  | 20889 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 28.2  | 22.4  | 33.6  |
| 58      | 54.9  | 58.0  | 87.0# |

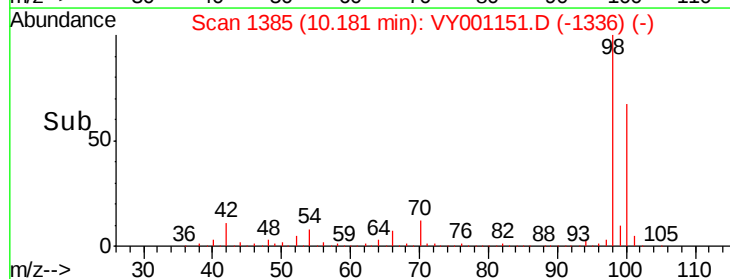
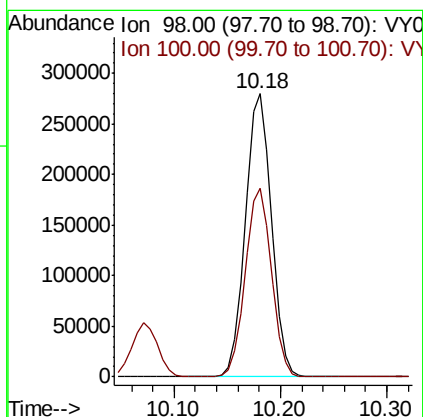
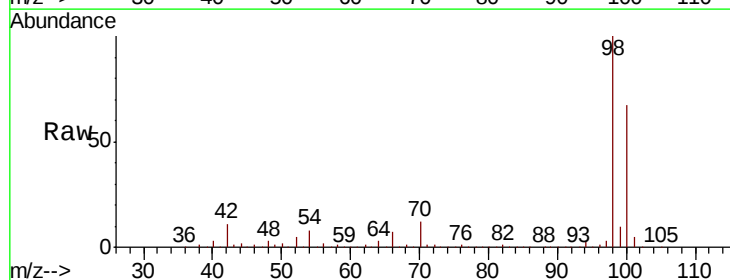
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#50  
Toluene-d8  
Concen: 52.259 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | 98    | Resp  | 481979 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.8  | 53.1  | 79.7   |





#51

4-Methyl-2-Pentanone

Concen: 266.525 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVVY011020

Tot Ion: 43 Resp: 565500

Ion Ratio Lower Upper

43 100

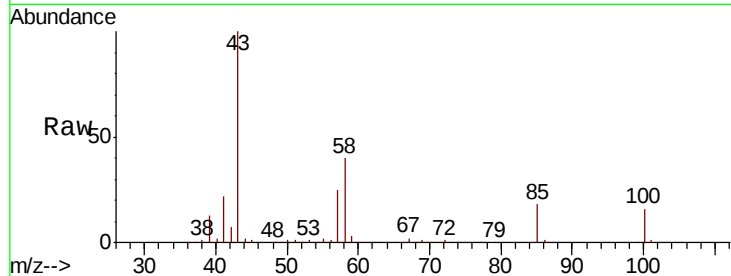
58 40.3 32.3 48.5

Manual Integrations

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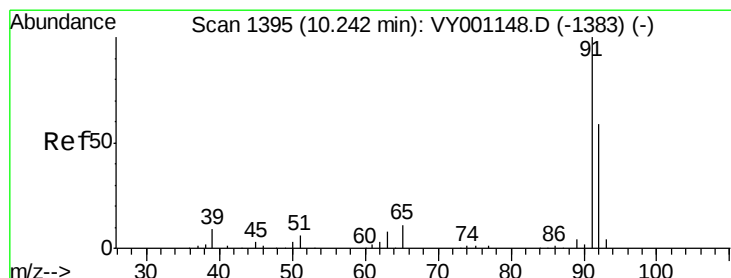
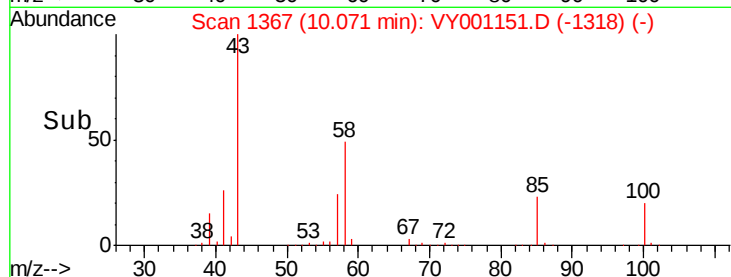
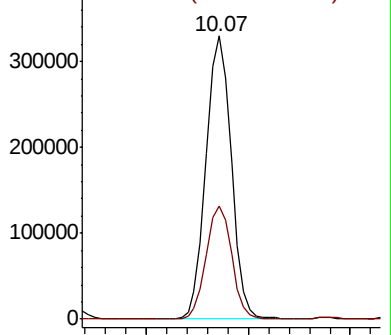
MMDadoda

1/13/2020 12:39:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 54.767 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001151.D

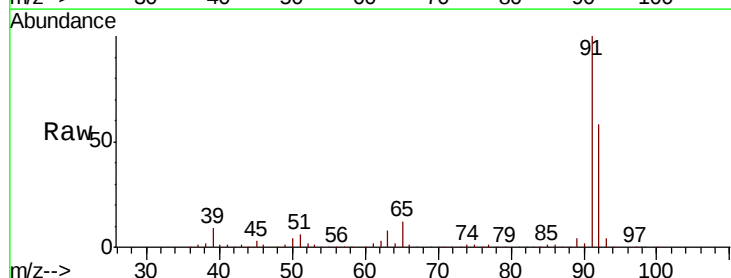
Acq: 10 Jan 2020 16:19

Tgt Ion: 92 Resp: 379932

Ion Ratio Lower Upper

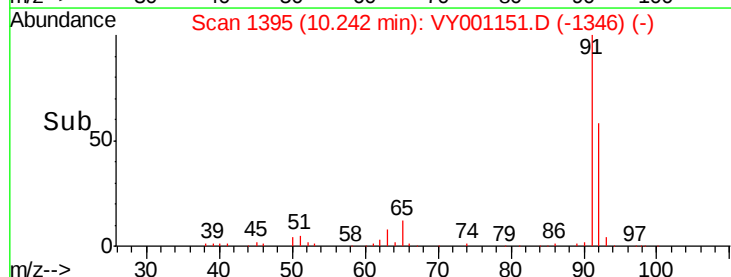
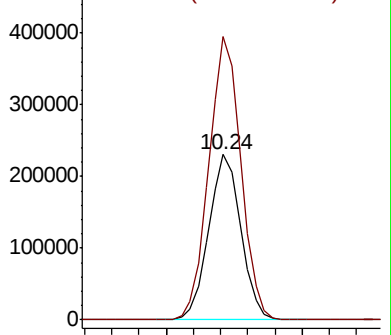
92 100

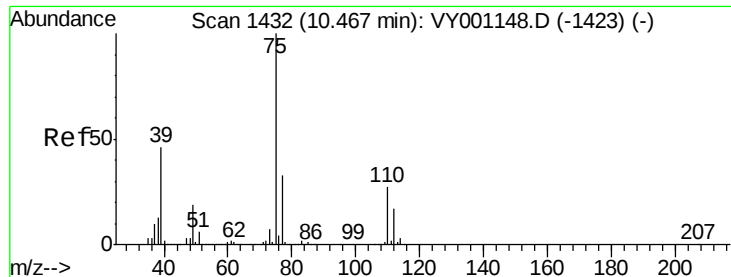
91 171.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





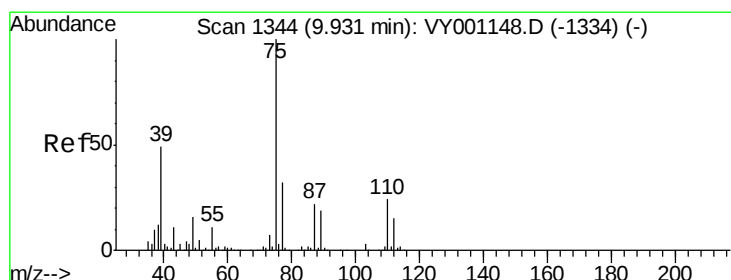
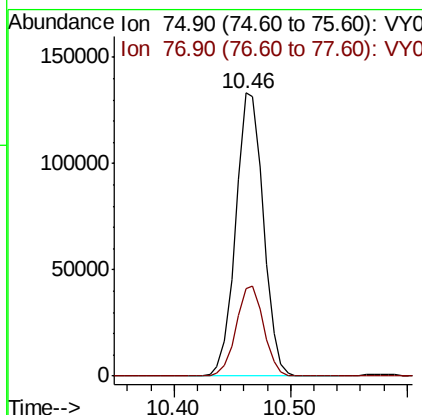
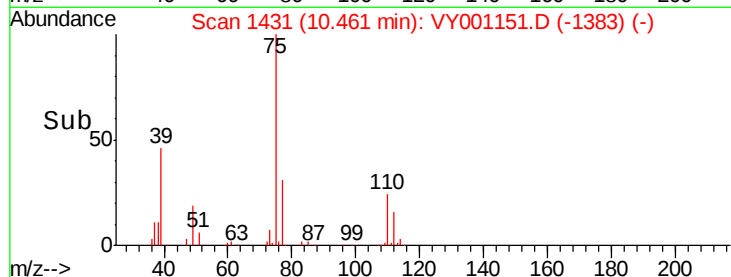
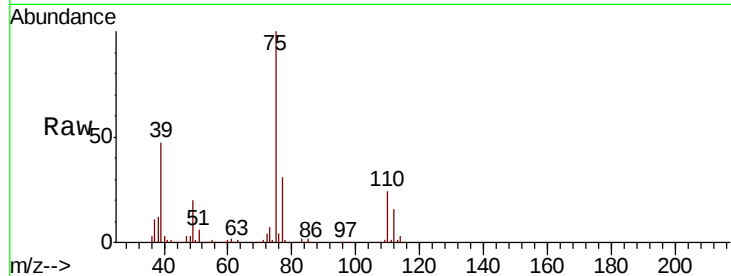
#53  
t-1,3-Dichloropropene  
Concen: 55.250 ug/l  
RT: 10.46 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

Tot Ion: 75 Resp: 221058  
Ion Ratio Lower Upper  
75 100  
77 30.9 26.2 39.2

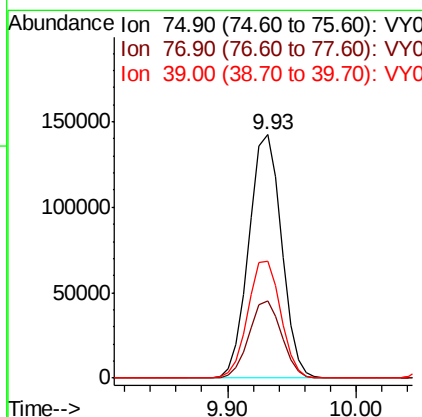
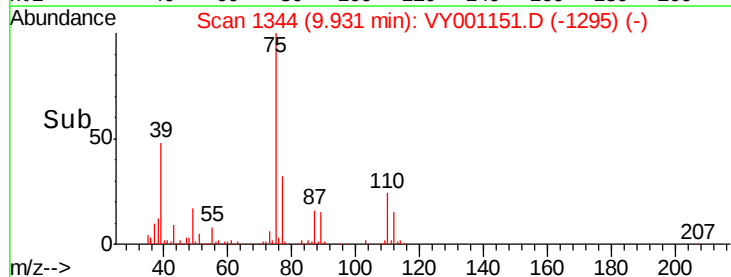
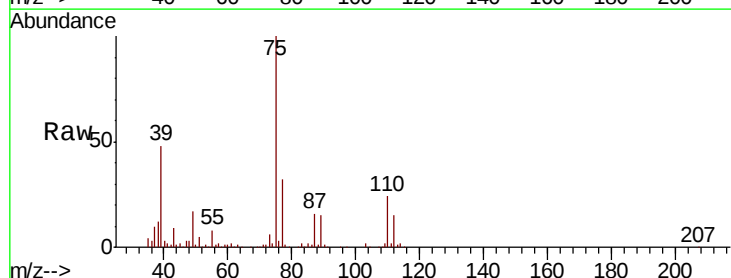
Manual Integrations  
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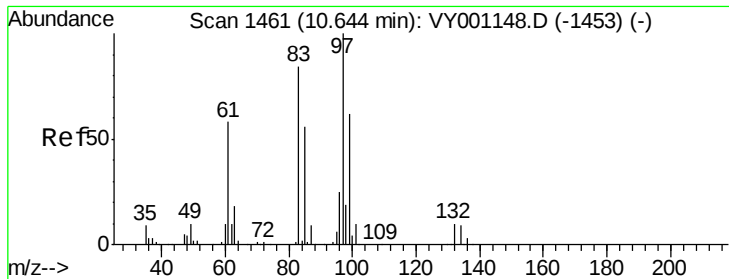
MMDadoda  
1/13/2020 12:39:11 PM



#54  
cis-1,3-Dichloropropene  
Concen: 55.359 ug/l  
RT: 9.93 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Tgt Ion: 75 Resp: 249728  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.3 37.9  
39 48.0 39.1 58.7





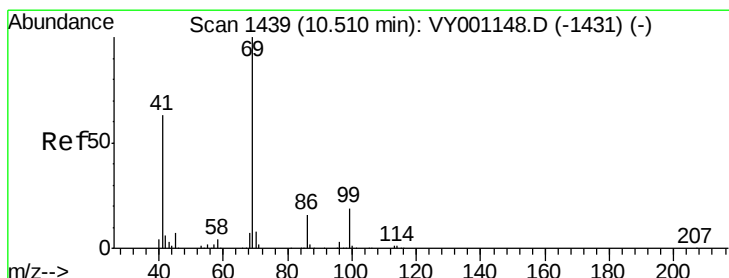
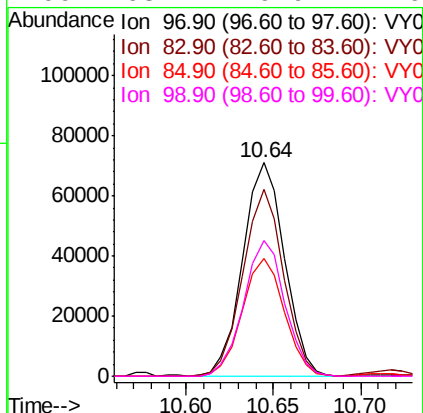
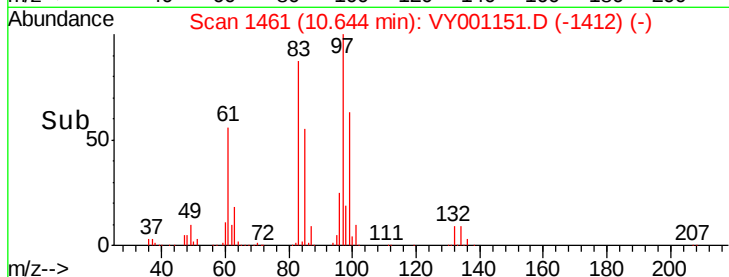
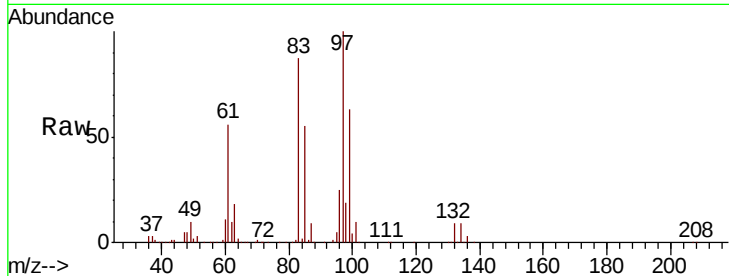
#55  
 1,1,2-Trichloroethane  
 Concen: 54.035 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY011020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 117527 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.4  | 67.2  | 100.8  |
| 85       | 55.2  | 44.9  | 67.3   |
| 99       | 63.4  | 49.9  | 74.9   |

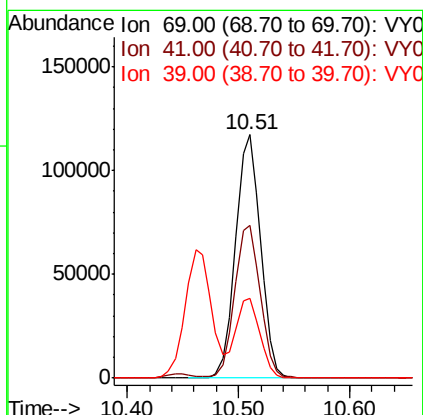
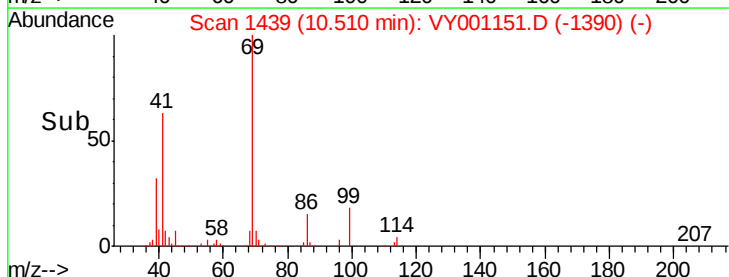
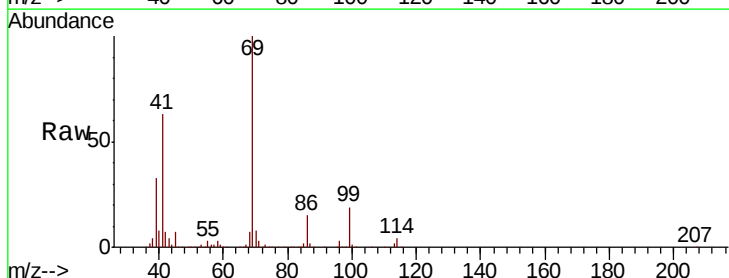
Manual Integrations  
 APPROVED

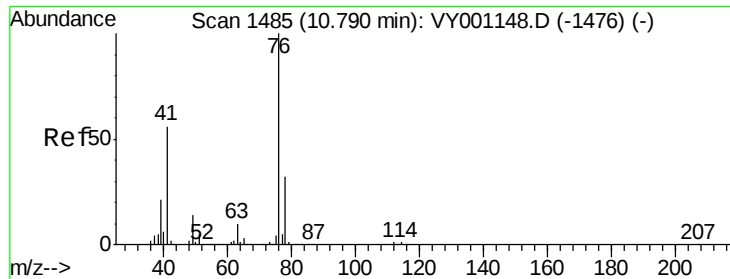
MMDadoda  
 1/13/2020 12:39:11 PM



#56  
 Ethyl methacrylate  
 Concen: 54.446 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 181147 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.0  | 51.4  | 77.2   |
| 39       | 32.4  | 26.3  | 39.5   |





#57

1,3-Dichloropropane

Concen: 55.143 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY011020

Tot Ion: 76 Resp: 205899

Ion Ratio Lower Upper

76 100

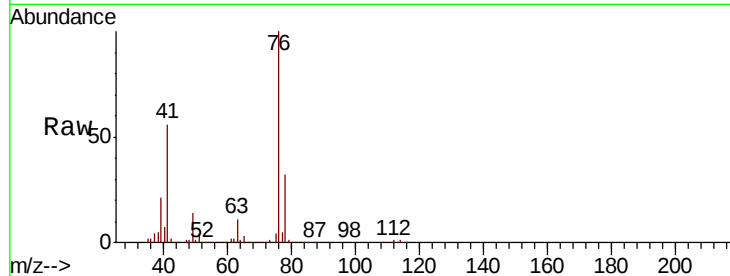
78 32.6 26.1 39.1

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

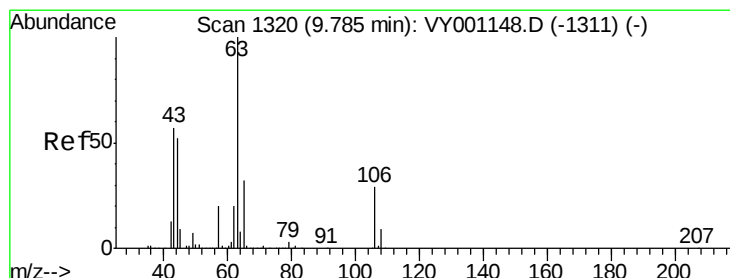
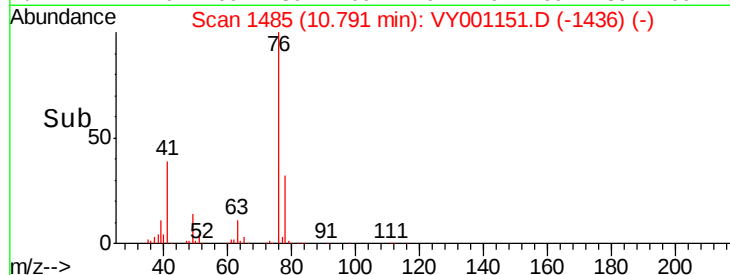
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 227.745 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001151.D

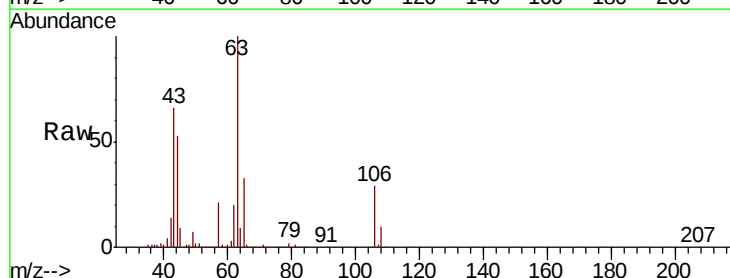
Acq: 10 Jan 2020 16:19

Tgt Ion: 63 Resp: 266501

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

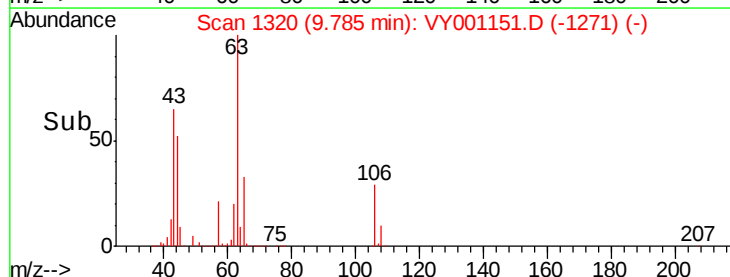
150000

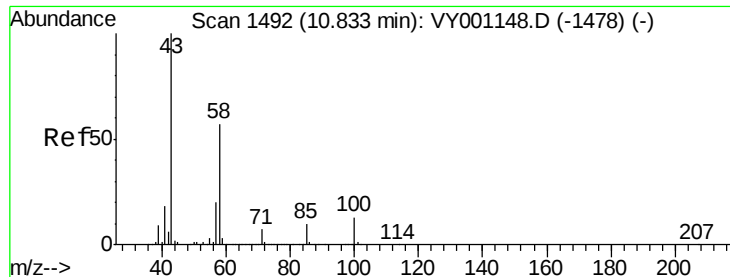
100000

50000

0

Time-->





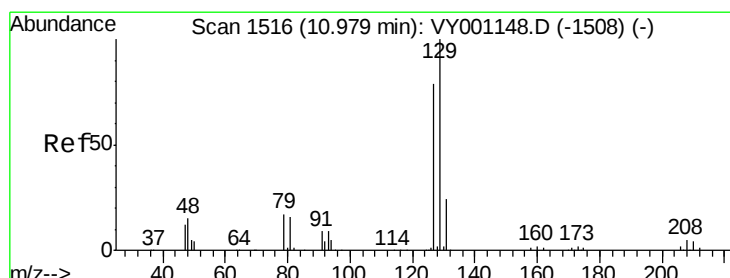
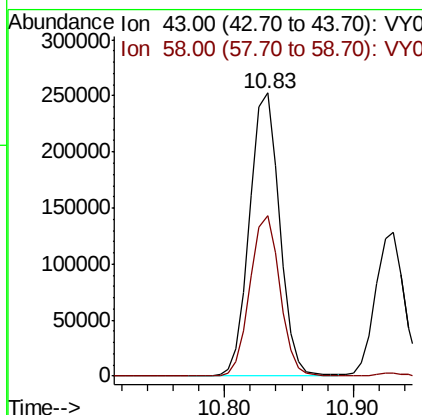
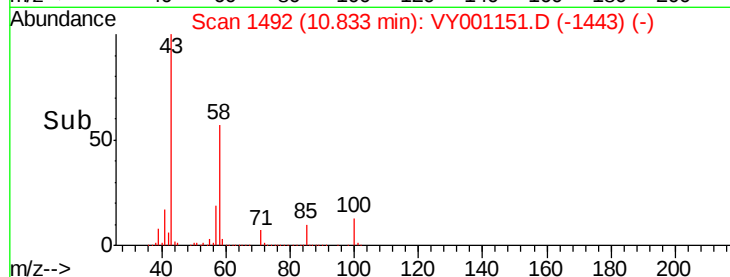
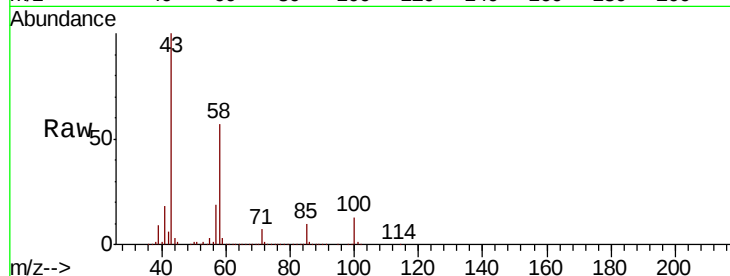
#59  
2-Hexanone  
Concen: 272.099 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 56.6  | 28.4  | 85.2  |

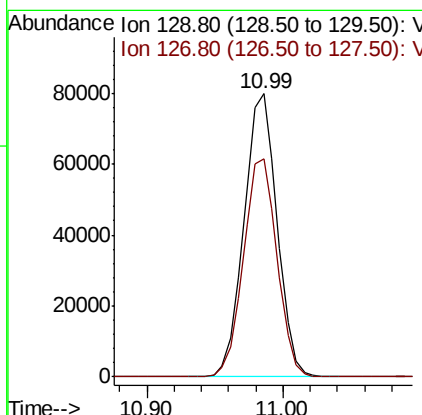
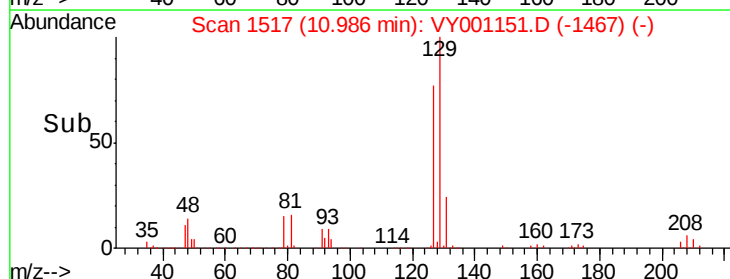
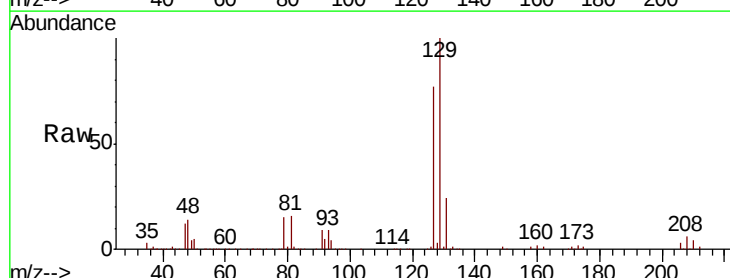
Manual Integrations  
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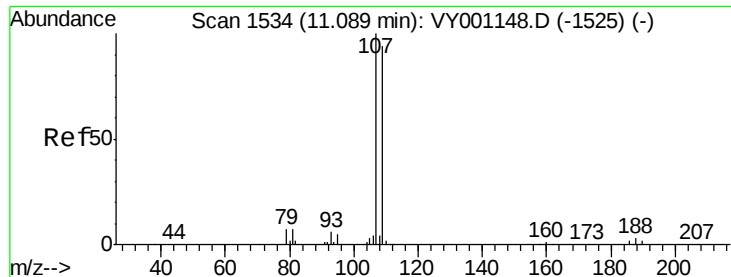
MMDadoda  
1/13/2020 12:39:11 PM



#60  
Dibromochloromethane  
Concen: 54.247 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. 0.01 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.0  | 38.9  | 116.7 |





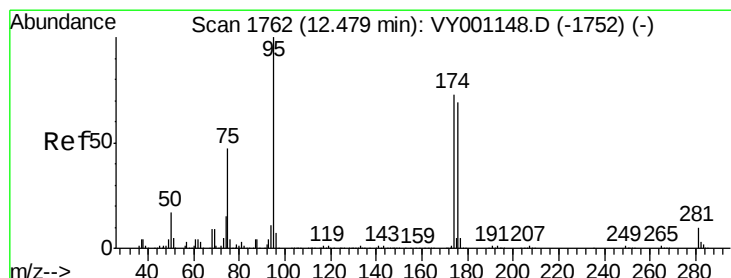
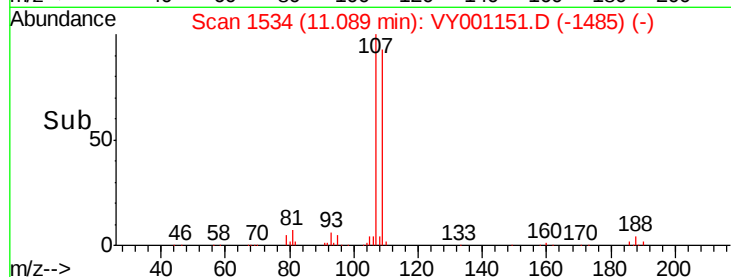
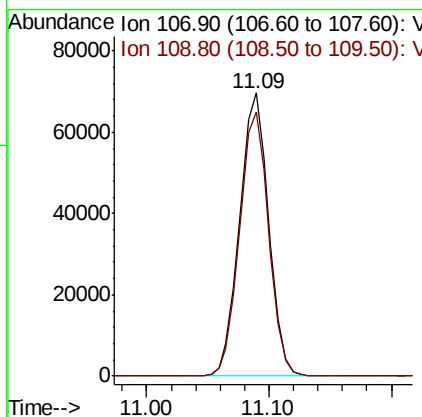
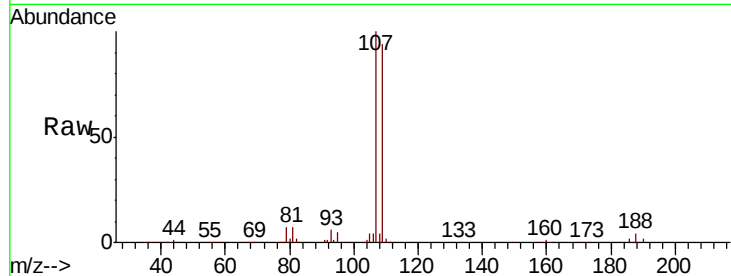
#61  
 1,2-Dibromoethane  
 Concen: 53.825 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.8  | 75.4  | 113.0 |

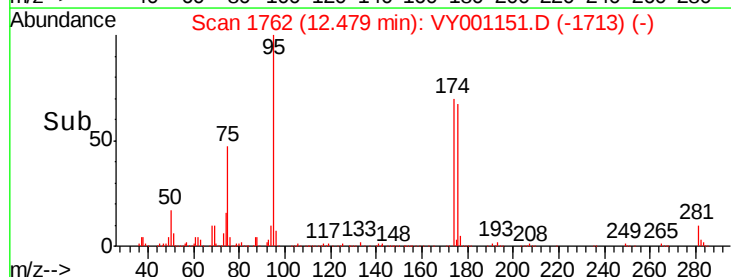
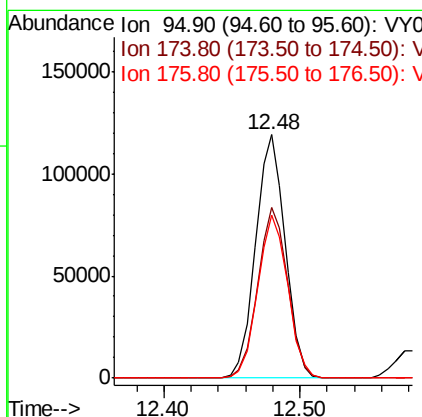
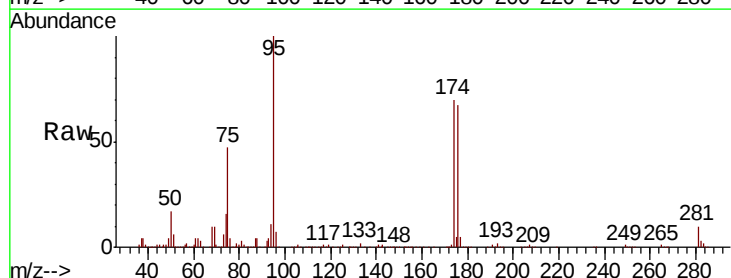
Manual Integrations  
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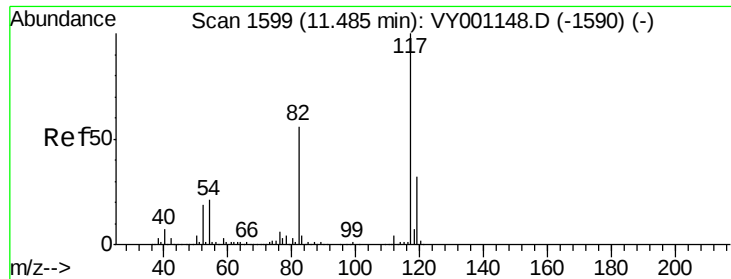
MMDadoda  
 1/13/2020 12:39:11 PM



#62  
 4-Bromofluorobenzene  
 Concen: 48.242 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 70.8  | 0.0   | 143.2 |
| 176     | 67.8  | 0.0   | 136.0 |





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

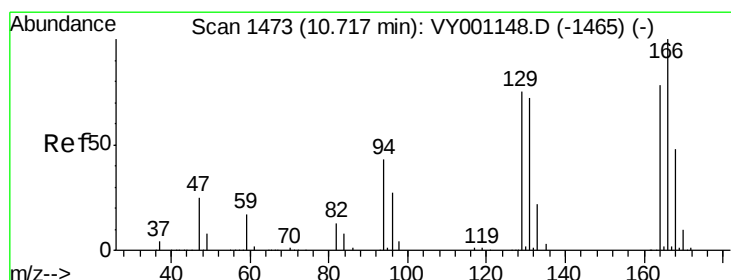
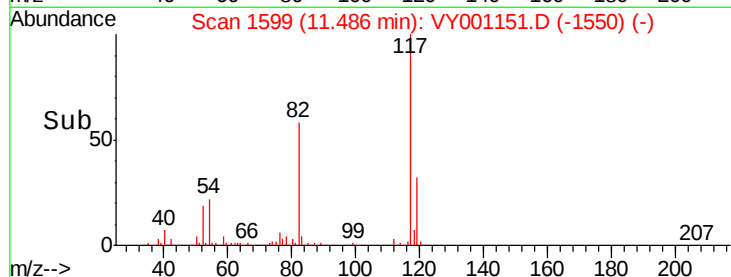
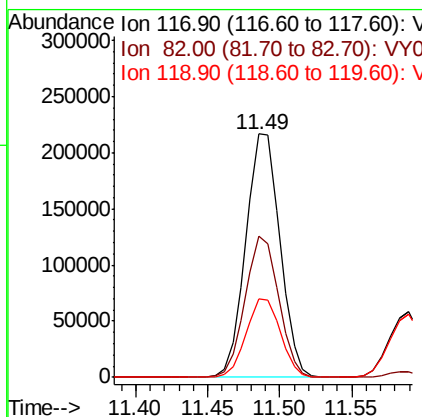
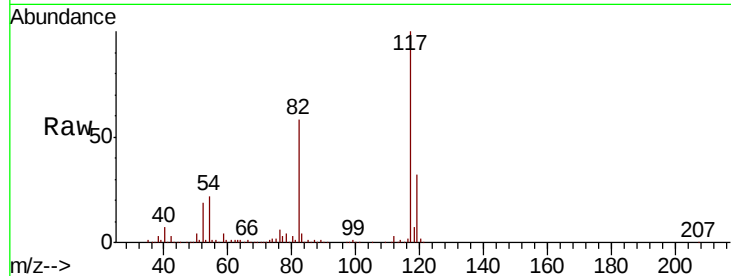
ClientSampleId :

ICVY011020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 355498 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 57.8  | 44.9  | 67.3   |
| 119       | 32.4  | 25.7  | 38.5   |

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1/13/2020 12:39:11 PM



#64

Tetrachloroethene

Concen: 55.005 ug/l

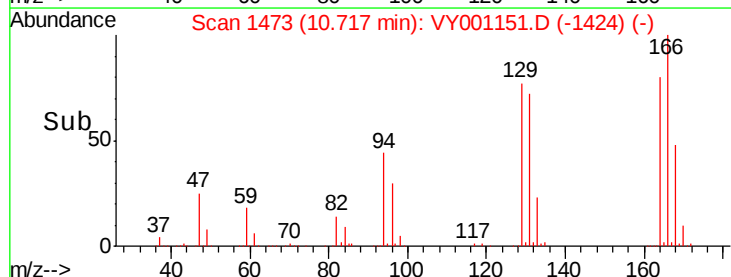
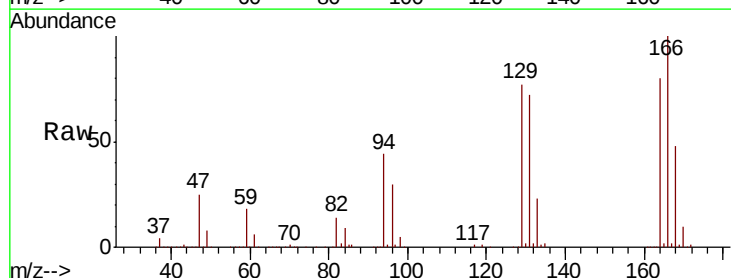
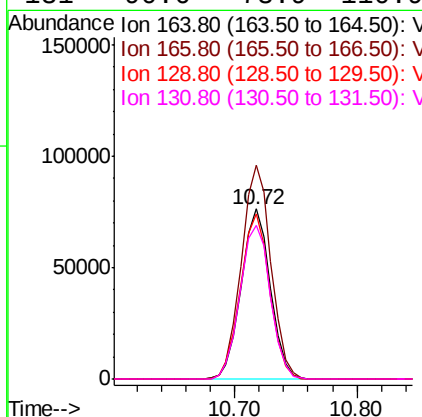
RT: 10.72 min Scan# 1473

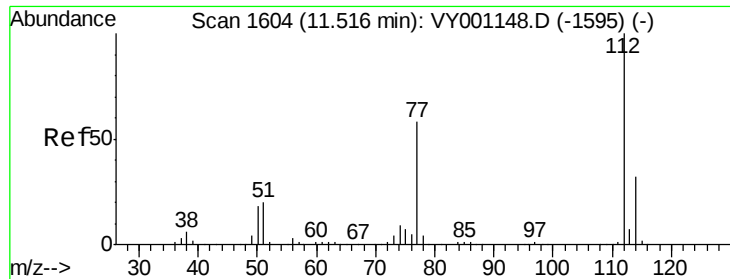
Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 126051 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 166       | 125.6 | 102.3 | 153.5  |
| 129       | 97.1  | 76.2  | 114.4  |
| 131       | 90.6  | 73.9  | 110.9  |





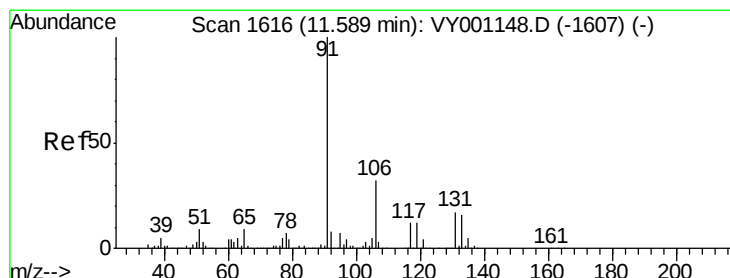
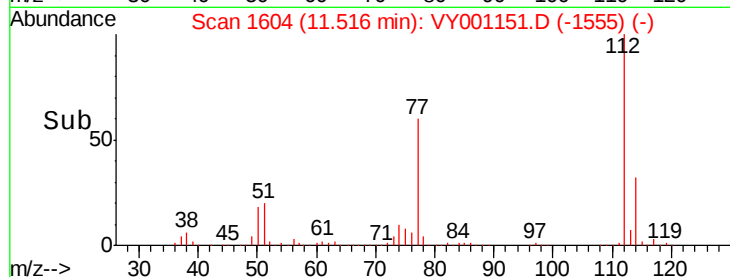
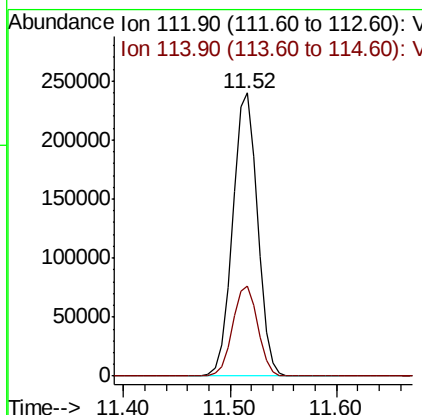
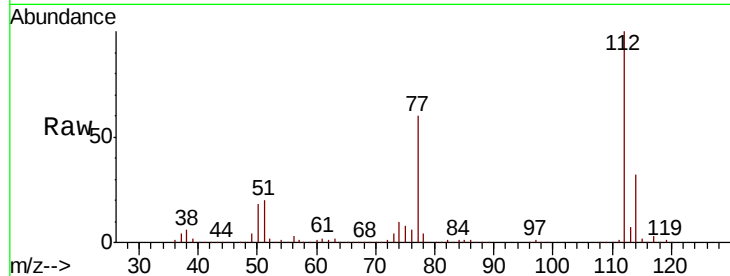
#65  
Chlorobenzene  
Concen: 55.318 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

Tot Ion:112 Resp: 392950  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.9 38.9

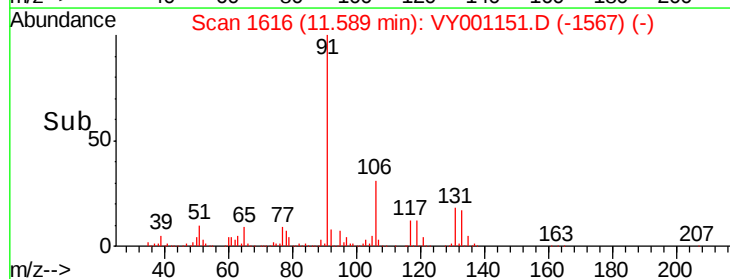
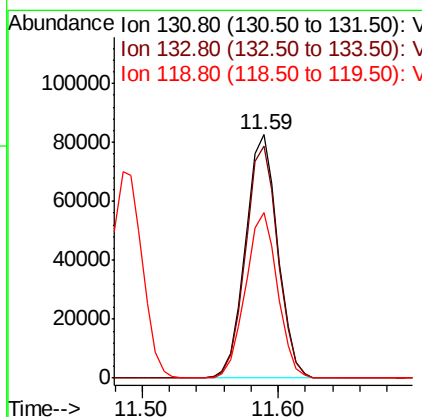
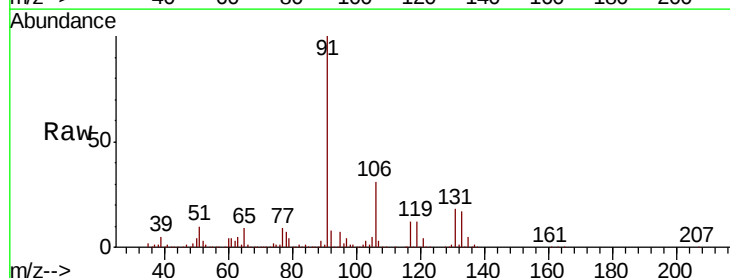
Manual Integrations  
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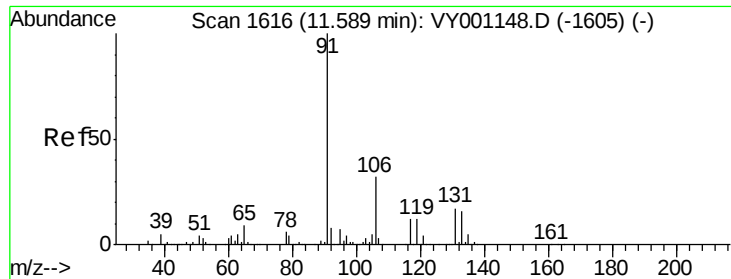
MMDadoda  
1/13/2020 12:39:11 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.034 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Tgt Ion:131 Resp: 137184  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.3 142.0  
119 67.4 33.6 100.8





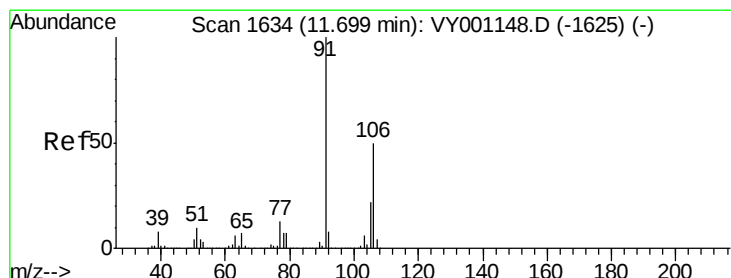
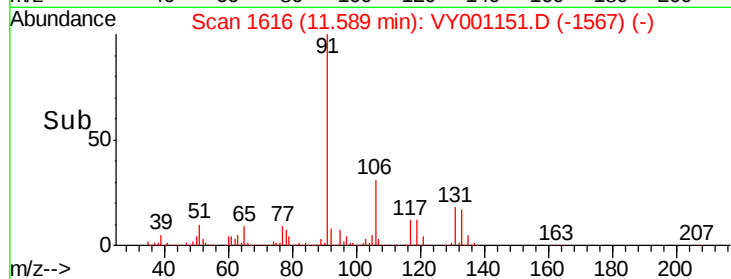
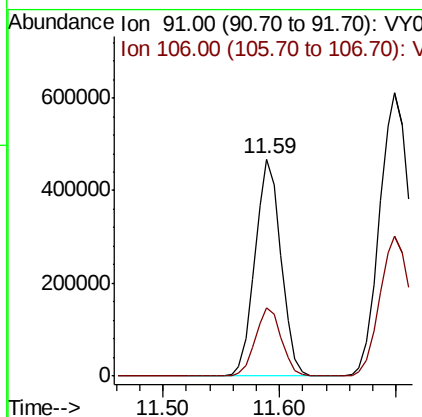
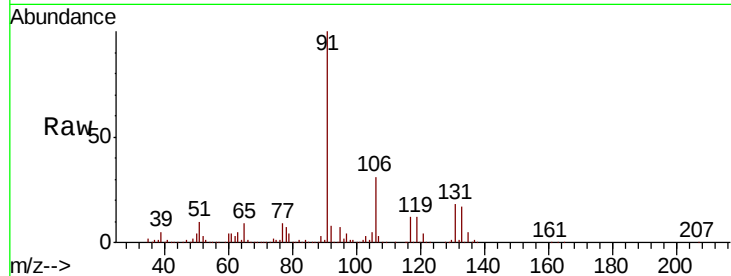
#67  
Ethyl Benzene  
Concen: 56.060 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

Tot Ion: 91 Resp: 728463  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.3 37.9

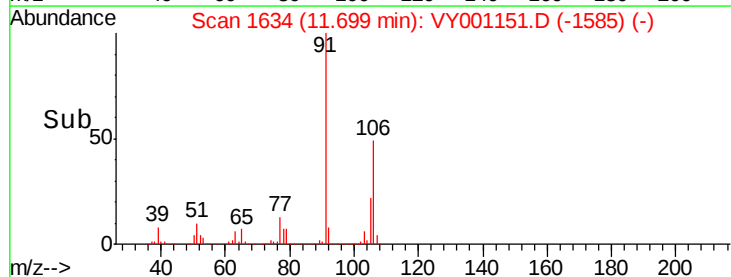
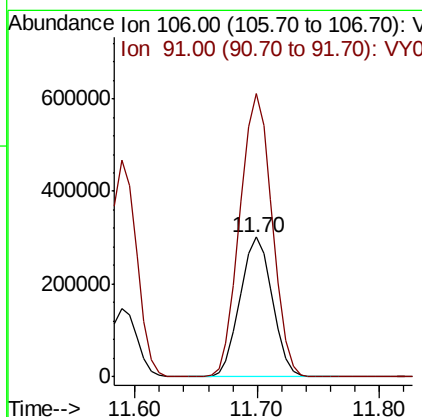
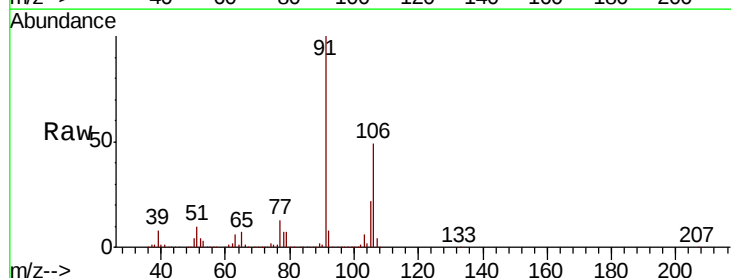
Manual Integrations  
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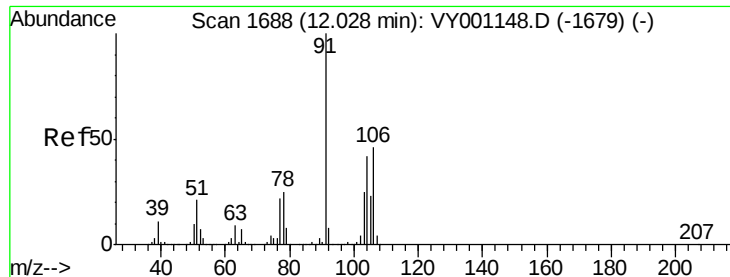
MMDadoda  
1/13/2020 12:39:11 PM



#68  
m/p-Xylenes  
Concen: 112.716 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Tgt Ion: 106 Resp: 552521  
Ion Ratio Lower Upper  
106 100  
91 202.6 161.4 242.2





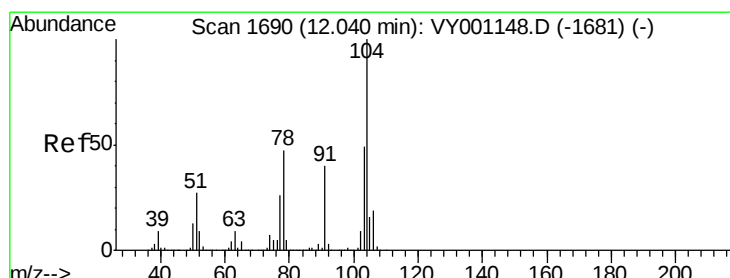
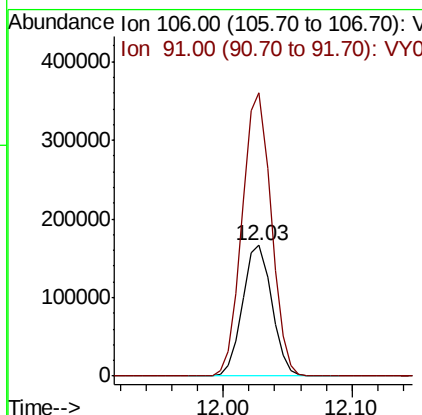
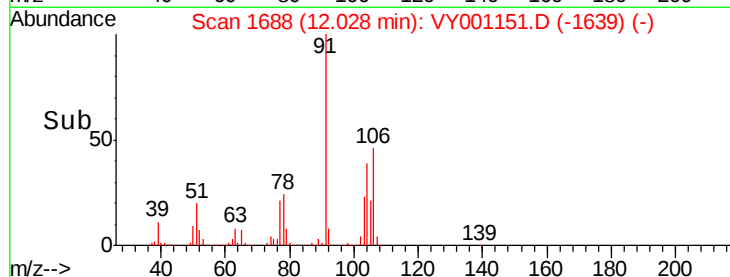
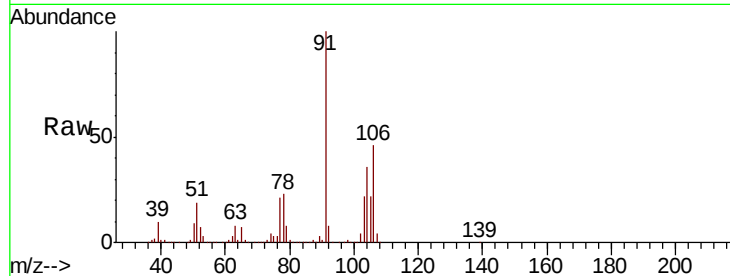
#69  
o-Xylene  
Concen: 55.375 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 260250 |       |       |
| 91      | 215.4 | 106.3 | 318.8  |       |       |

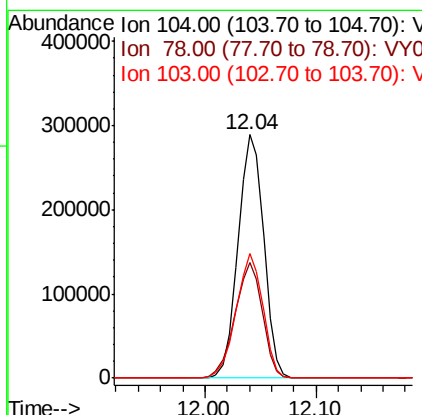
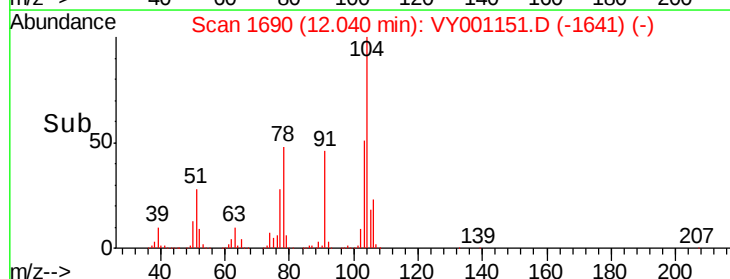
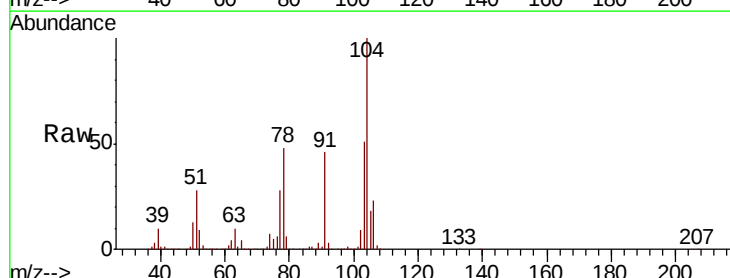
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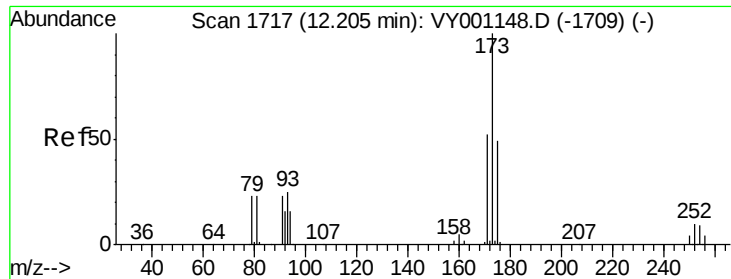
MMDadoda  
1/13/2020 12:39:11 PM



#70  
Styrene  
Concen: 55.931 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 461224 |       |       |
| 78      | 50.8 | 40.5  | 60.7   |       |       |
| 103     | 53.4 | 42.4  | 63.6   |       |       |





#71

Bromoform

Concen: 54.929 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

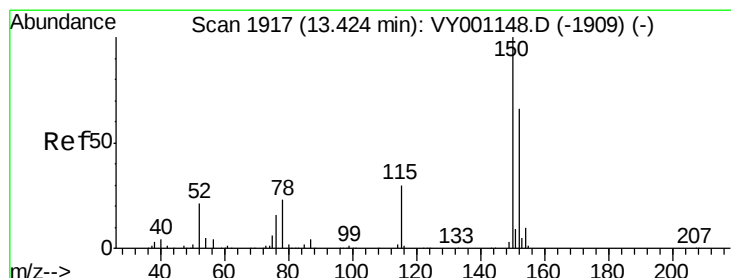
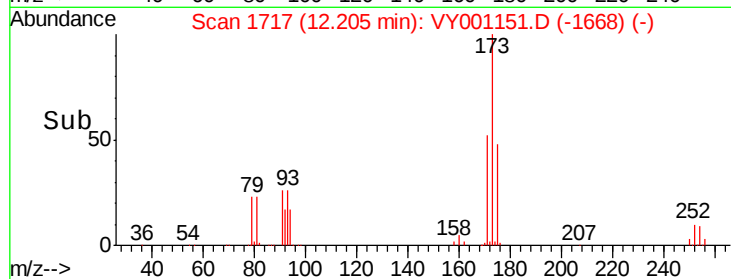
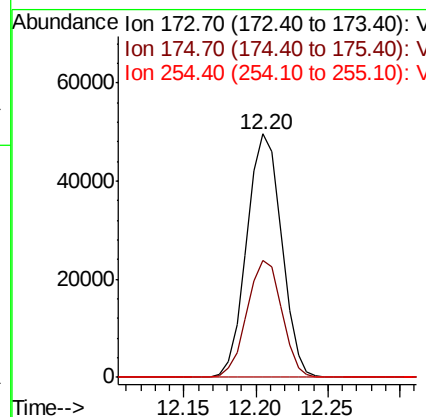
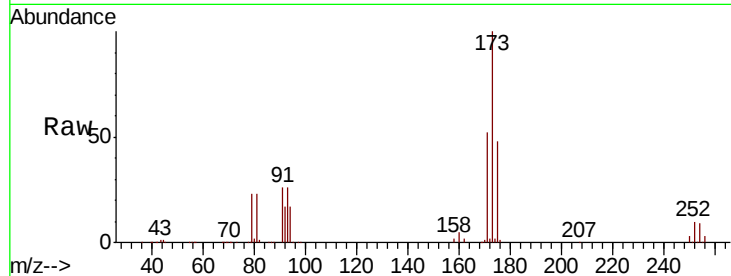
ClientSampleId :

ICVVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.0  | 24.1  | 72.2  |
| 254     | 0.1   | 0.1   | 0.1#  |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

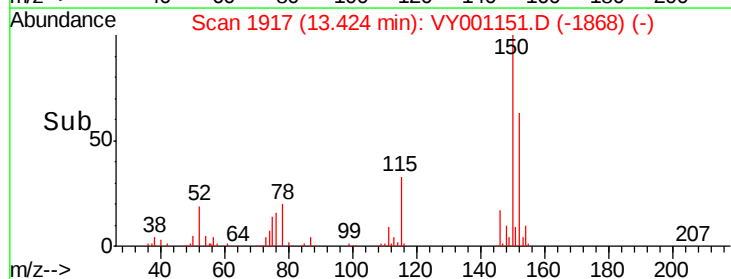
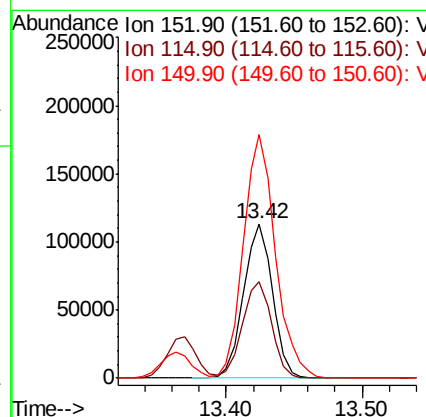
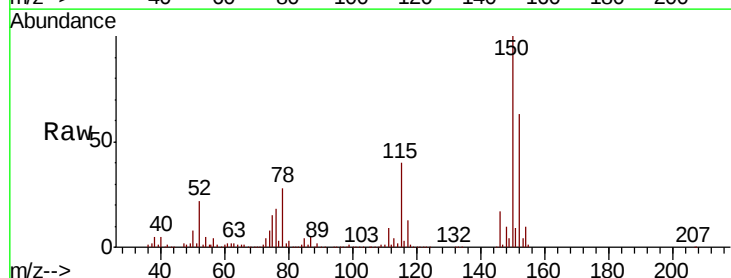
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.9  | 30.9  | 92.5  |
| 150     | 175.3 | 0.0   | 346.8 |





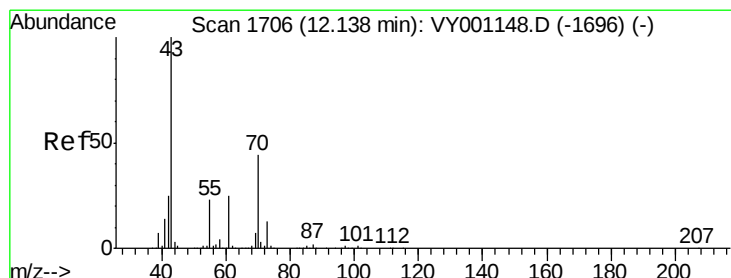
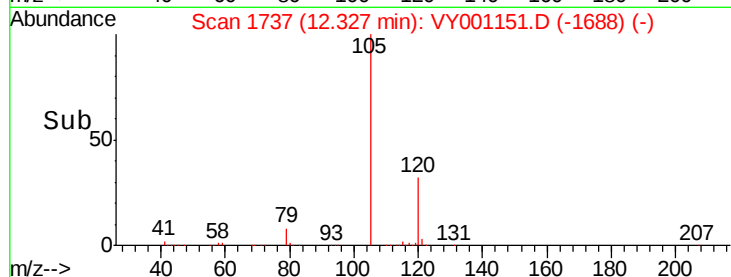
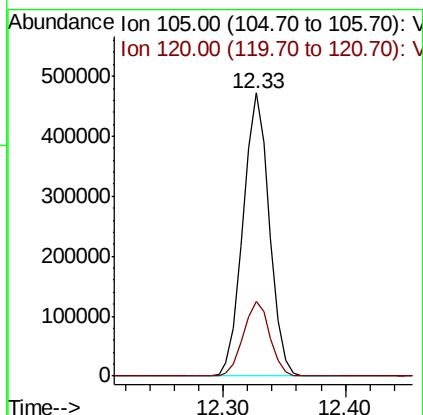
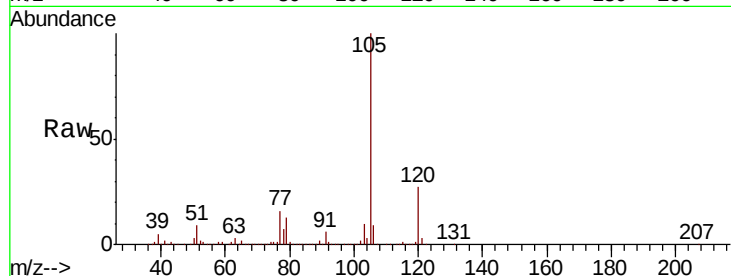
#73  
Isopropylbenzene  
Concen: 55.825 ug/l  
RT: 12.33 min Scan# 1737  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.7  | 13.4  | 40.2  |

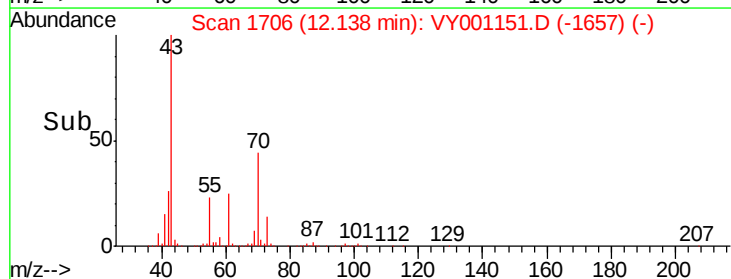
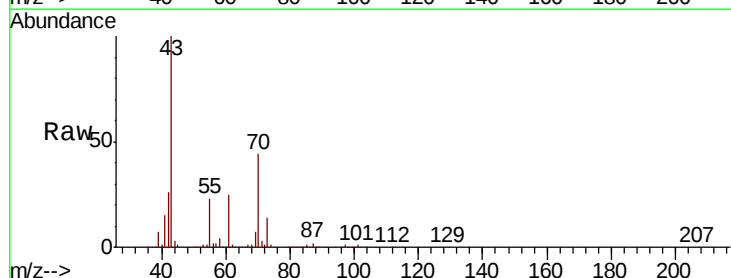
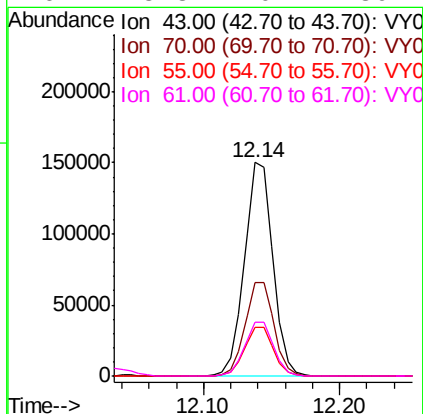
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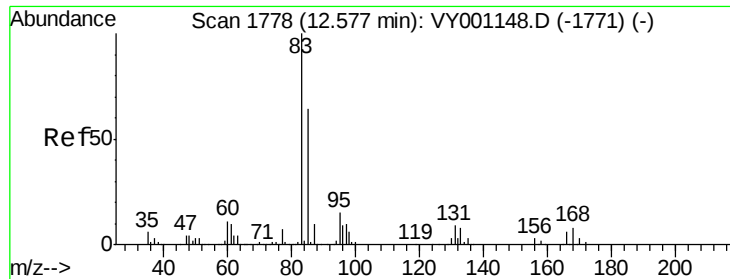
MMDadoda  
1/13/2020 12:39:11 PM



#74  
N-ethyl acetate  
Concen: 55.721 ug/l  
RT: 12.14 min Scan# 1706  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 44.6  | 35.0  | 52.6  |
| 55      | 23.2  | 18.4  | 27.6  |
| 61      | 25.8  | 20.1  | 30.1  |





#75

1,1,2,2-Tetrachloroethane

Concen: 54.506 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

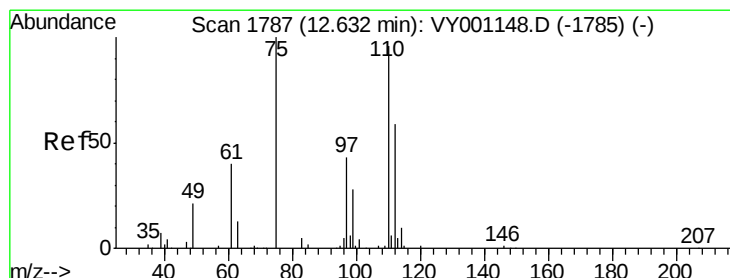
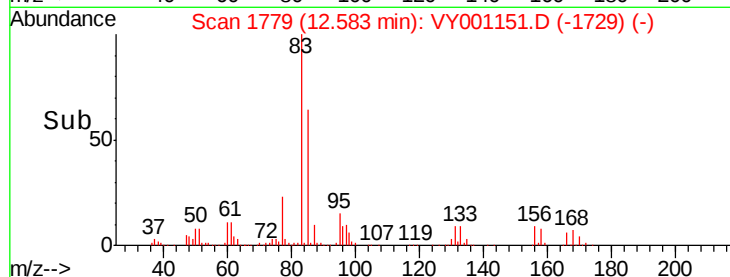
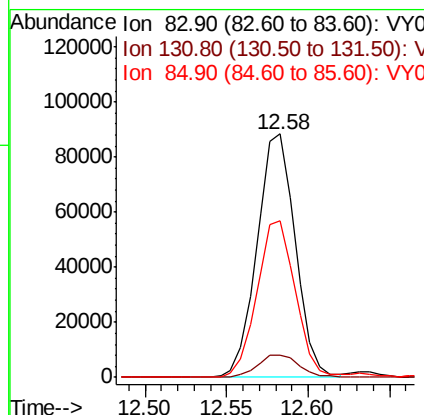
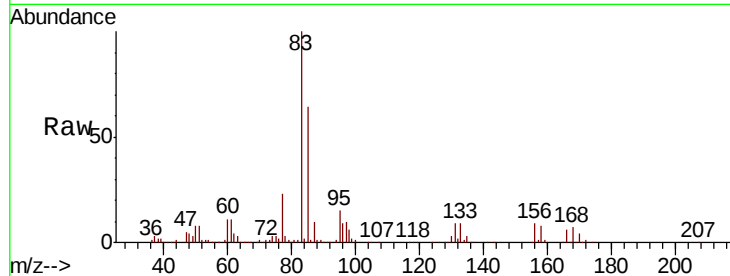
ClientSampleId :

ICVY011020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 144432 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.0  | 5.1   | 15.3   |
| 85        | 64.3  | 32.2  | 96.6   |

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#76

1,2,3-Trichloropropane

Concen: 55.456 ug/l m

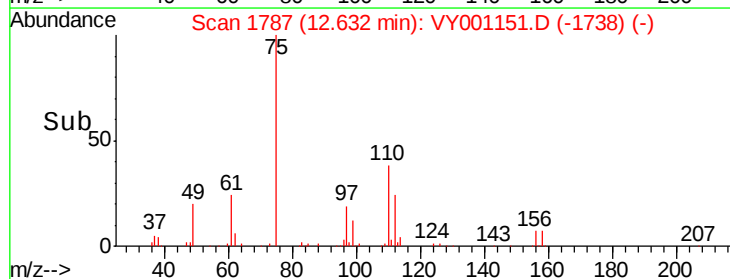
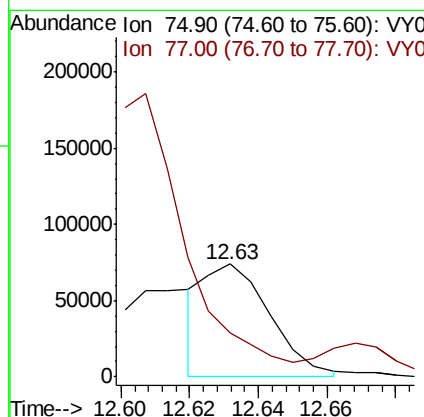
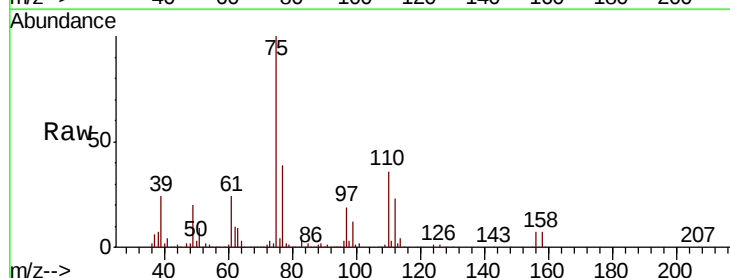
RT: 12.63 min Scan# 1787

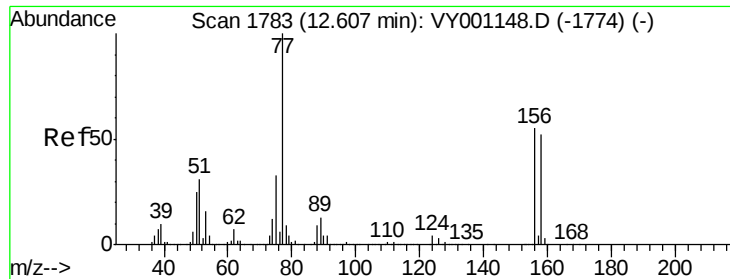
Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 99458 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 55.330 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY011020

Tot Ion:156 Resp: 153983

Ion Ratio Lower Upper

156 100

77 213.9 106.7 320.1

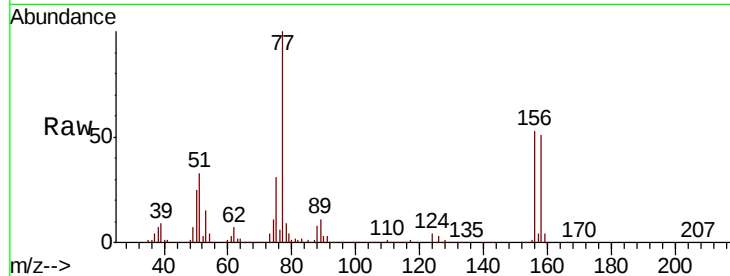
158 96.7 48.3 144.8

Manual Integrations

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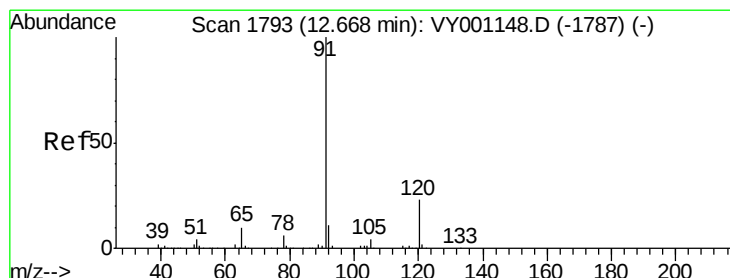
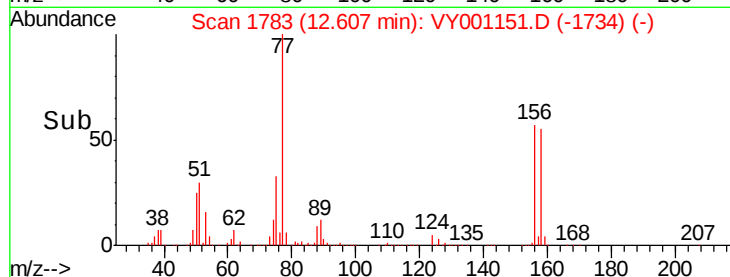
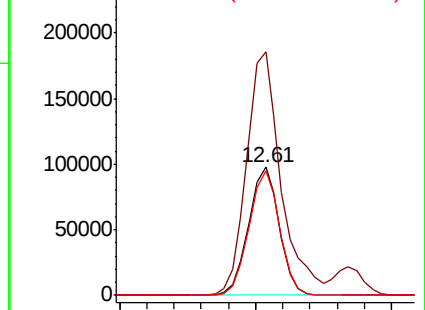
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.498 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001151.D

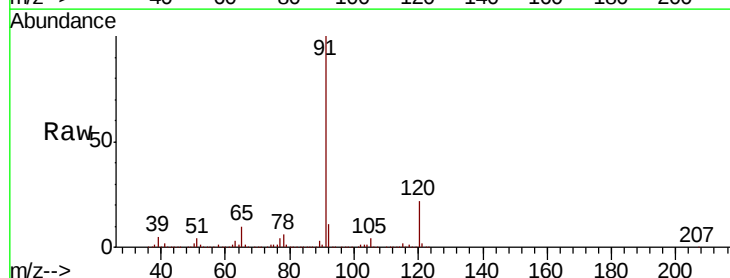
Acq: 10 Jan 2020 16:19

Tgt Ion: 91 Resp: 855922

Ion Ratio Lower Upper

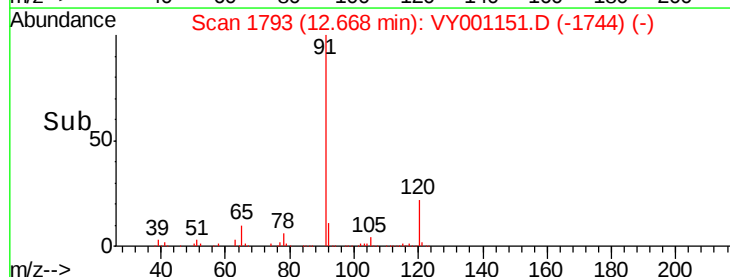
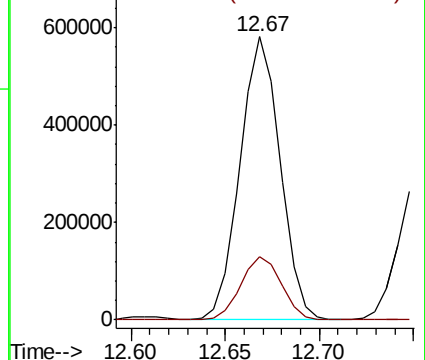
91 100

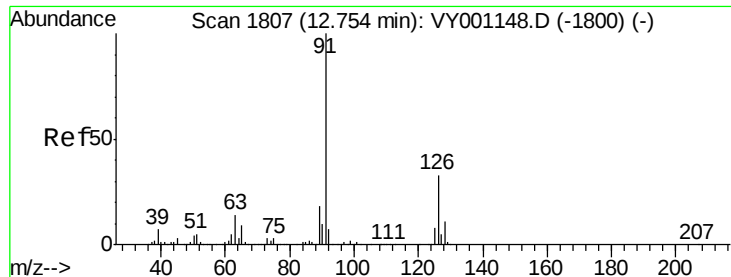
120 22.6 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.614 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY011020

Tot Ion: 91 Resp: 483867

Ion Ratio Lower Upper

91 100

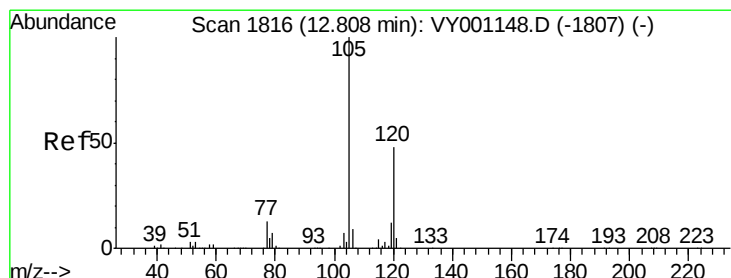
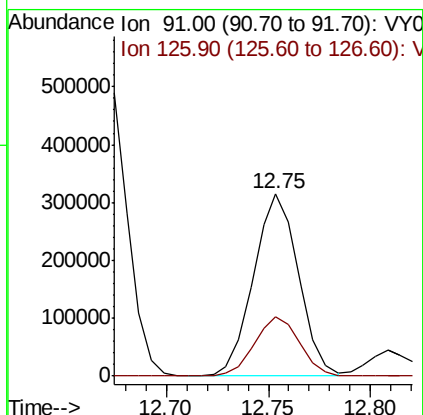
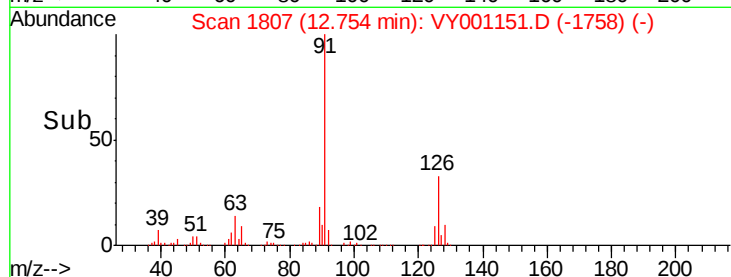
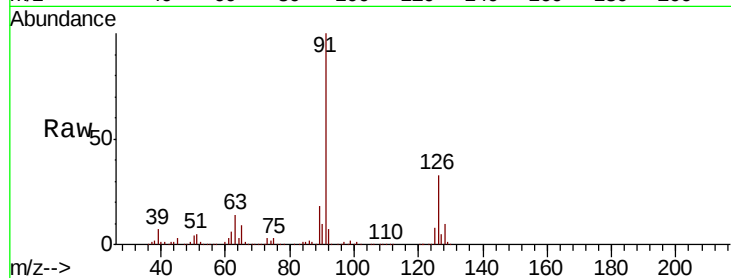
126 32.6 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 56.555 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001151.D

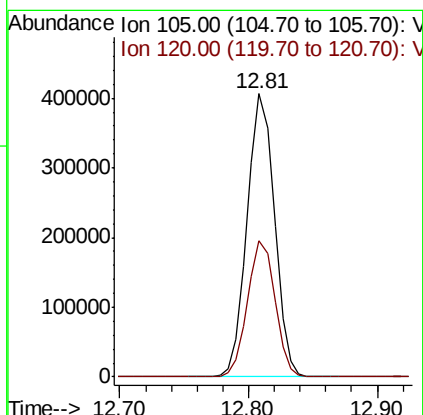
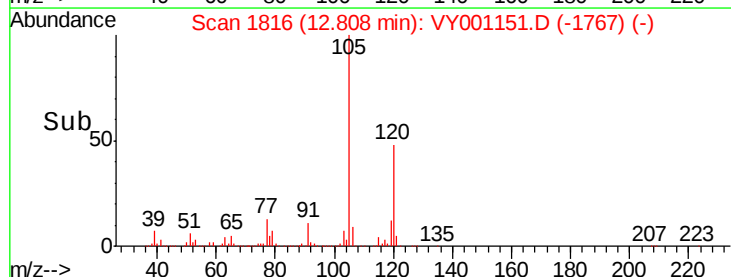
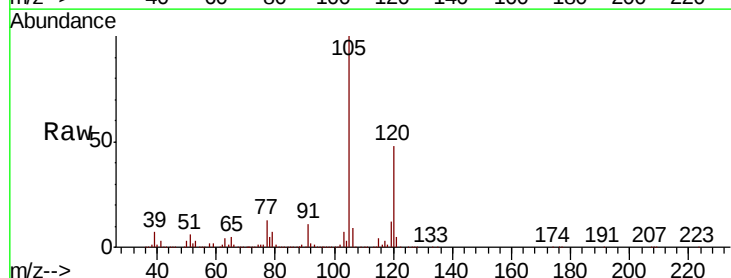
Acq: 10 Jan 2020 16:19

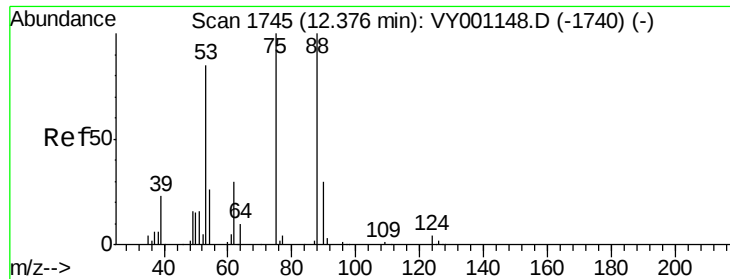
Tgt Ion: 105 Resp: 594324

Ion Ratio Lower Upper

105 100

120 48.4 24.2 72.6





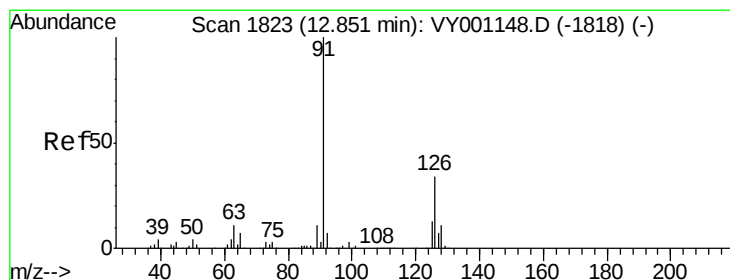
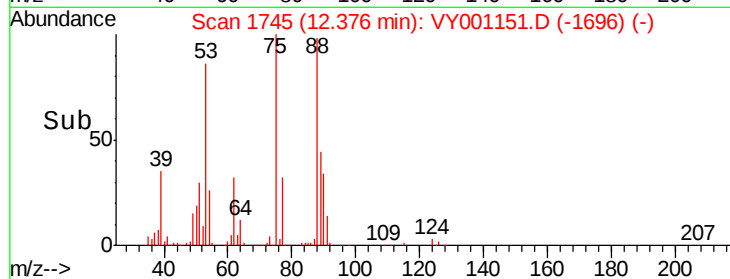
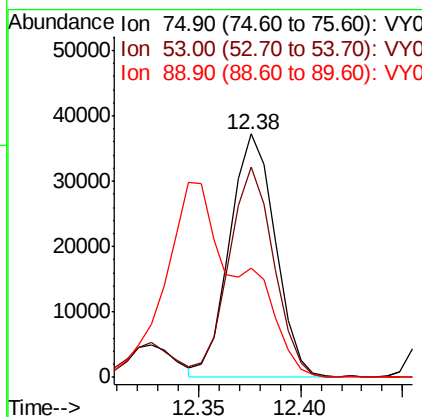
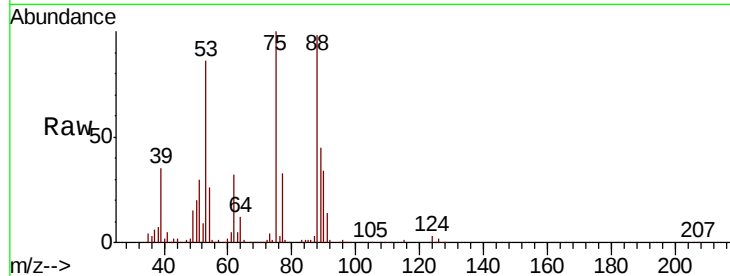
#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.204 ug/l  
RT: 12.38 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 85.4  | 69.4  | 104.2 |
| 89      | 0.0   | 0.0   | 0.0   |

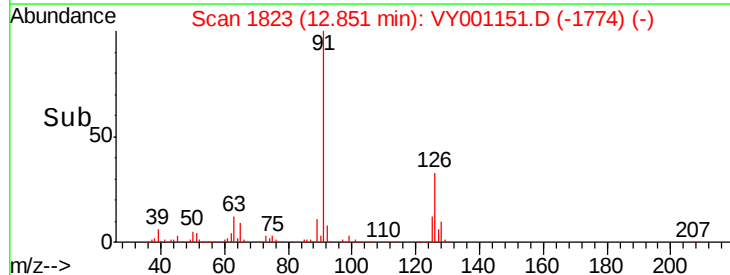
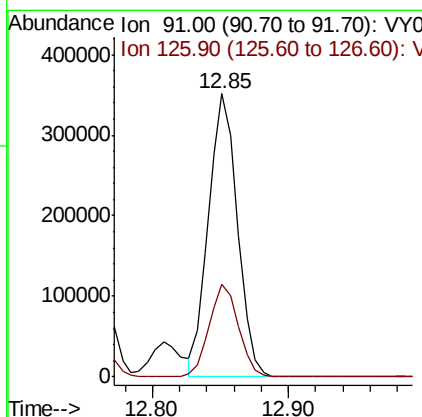
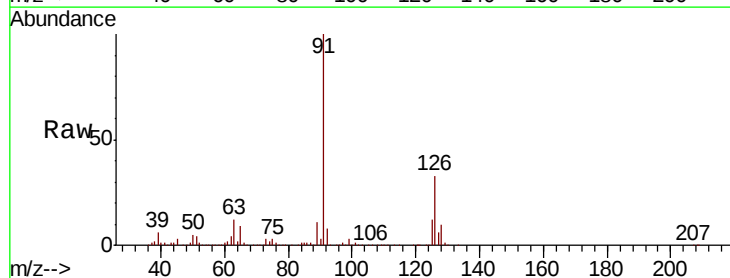
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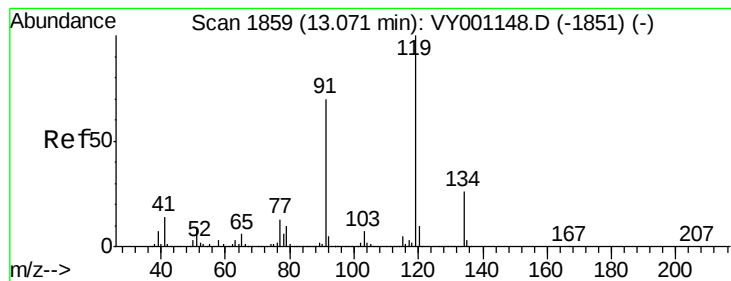
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 55.691 ug/l  
RT: 12.85 min Scan# 1823  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.0  | 16.3  | 48.8  |





#83

tert-Butylbenzene

Concen: 55.606 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

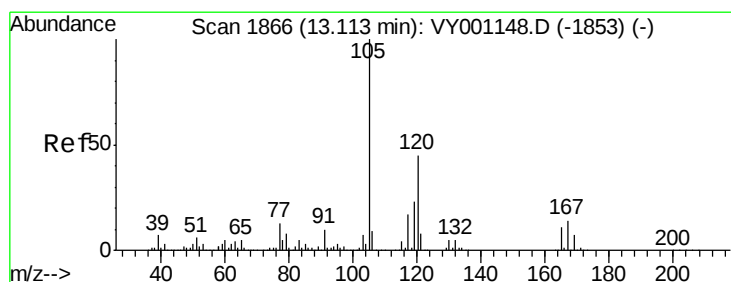
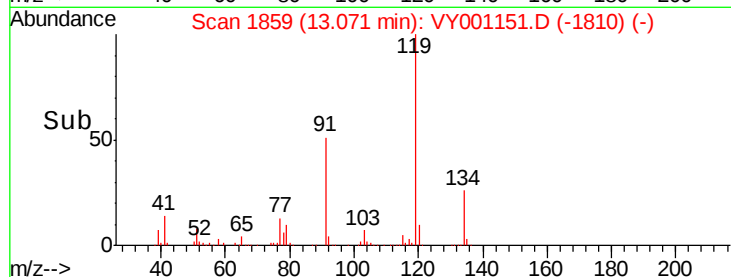
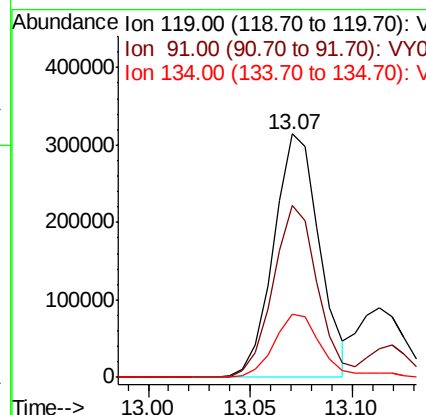
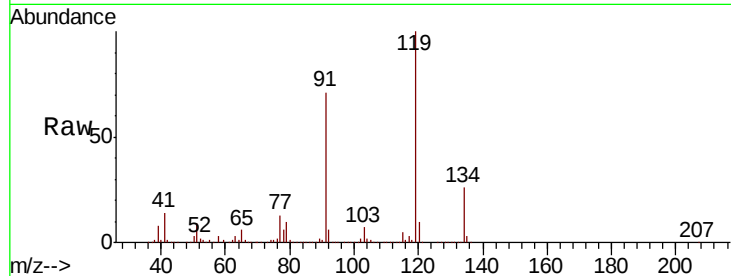
ClientSampleId :

ICVY011020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 491007 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 68.7  | 33.9  | 101.7  |
| 134       | 27.2  | 13.5  | 40.4   |

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#84

1,2,4-Trimethylbenzene

Concen: 56.409 ug/l

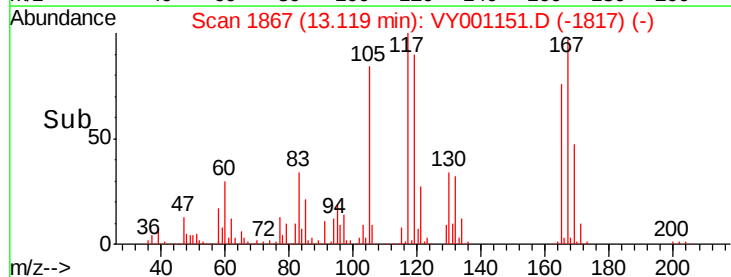
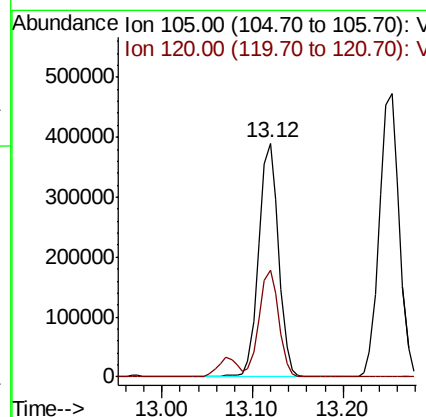
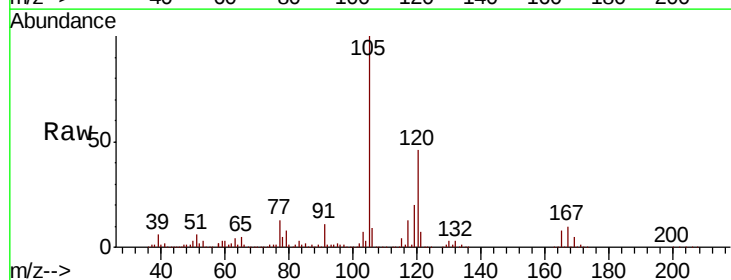
RT: 13.12 min Scan# 1867

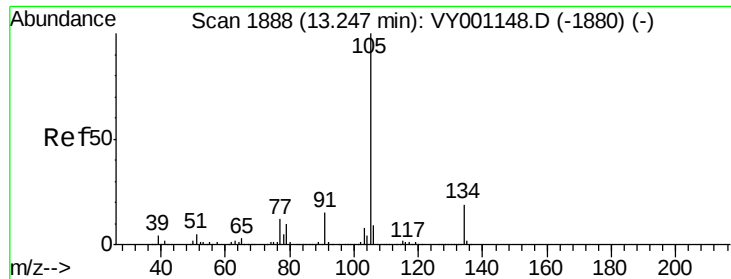
Delta R.T. 0.01 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 588679 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.4  | 22.8  | 68.3   |





#85

sec-Butylbenzene

Concen: 56.203 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY011020

Tot Ion:105 Resp: 713954

Ion Ratio Lower Upper

105 100

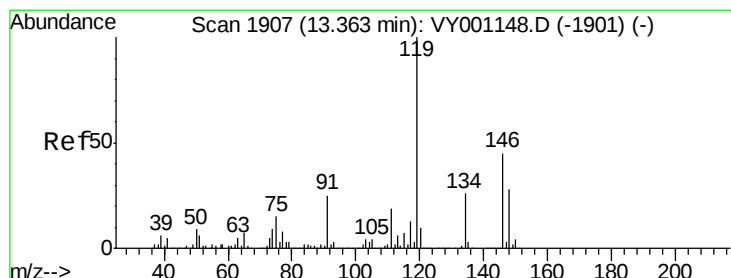
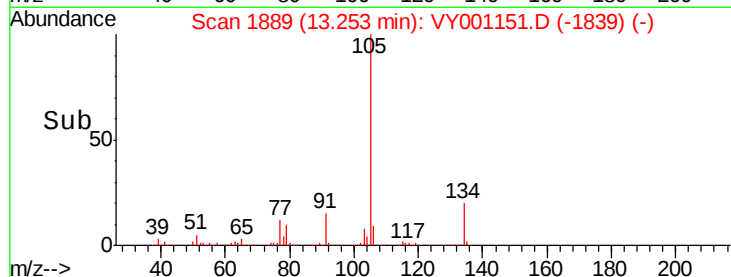
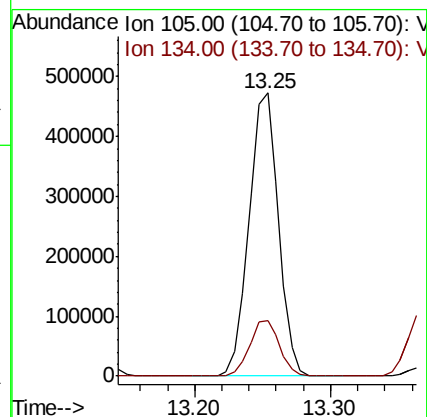
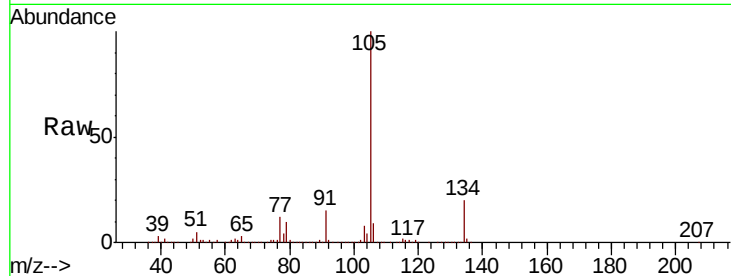
134 19.9 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 56.517 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001151.D

Acq: 10 Jan 2020 16:19

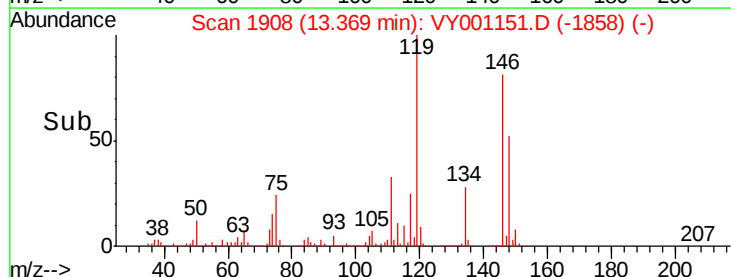
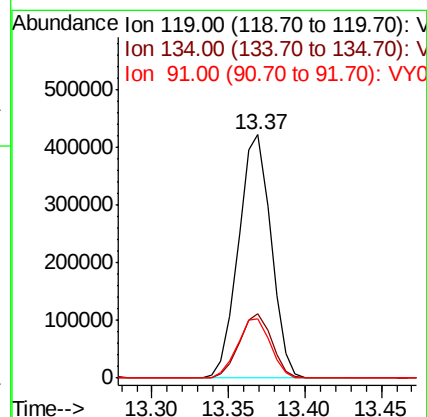
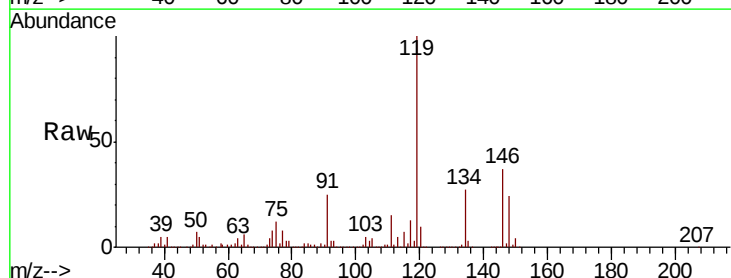
Tgt Ion:119 Resp: 623353

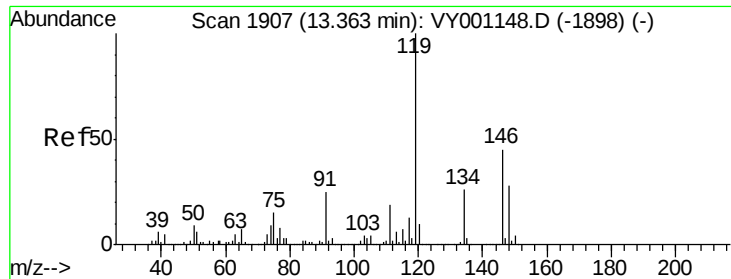
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 24.7 12.4 37.2





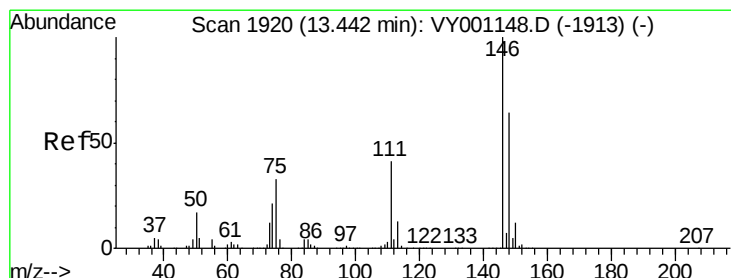
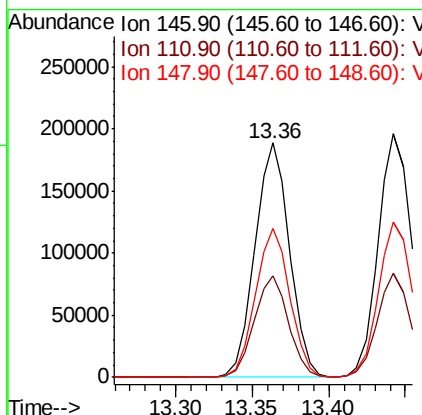
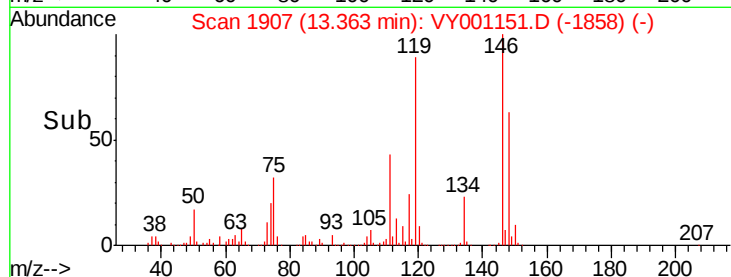
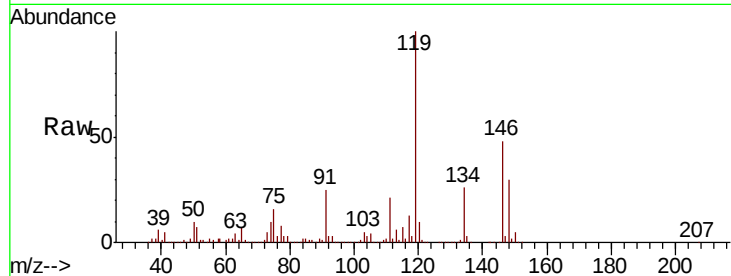
#87  
 1,3-Dichlorobenzene  
 Concen: 56.170 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY011020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 295630 |       |       |
| 111     | 42.6  | 21.3   | 64.0  |       |
| 148     | 63.1  | 31.9   | 95.5  |       |

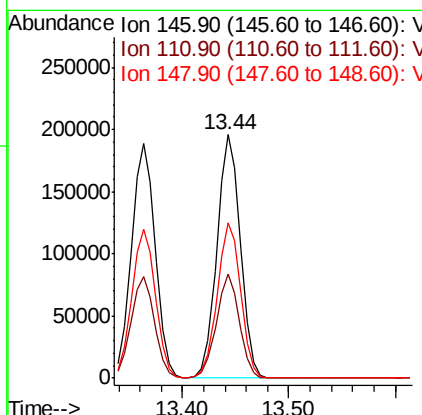
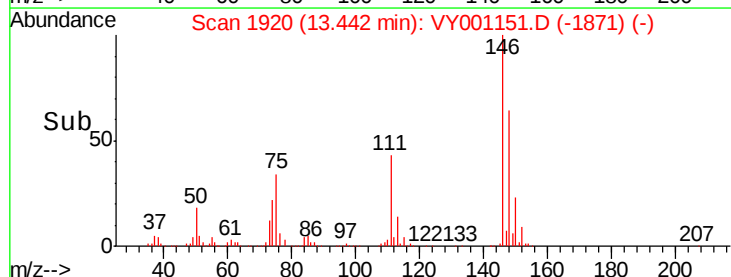
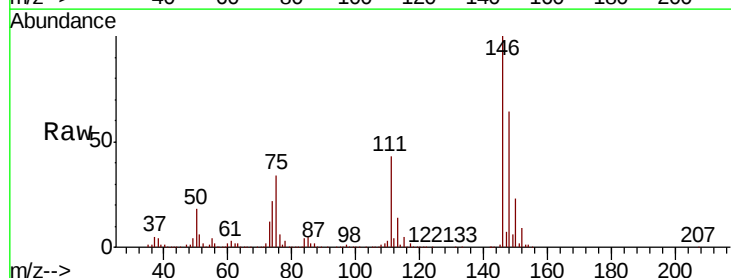
Manual Integrations  
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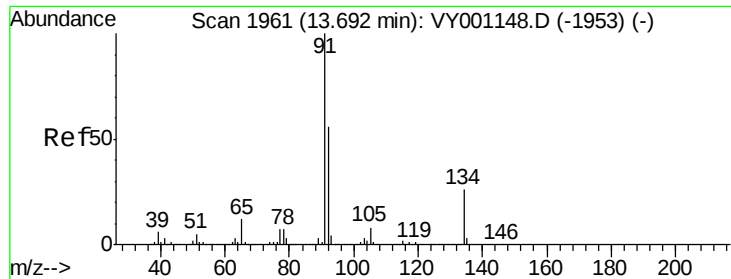
MMDadoda  
 1/13/2020 12:39:11 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 54.889 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 297323 |       |       |
| 111     | 41.9  | 20.8   | 62.5  |       |
| 148     | 63.9  | 32.0   | 96.2  |       |





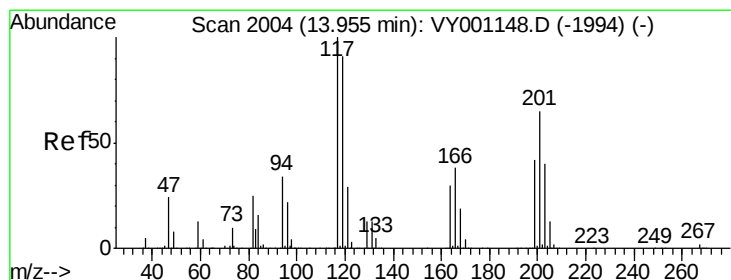
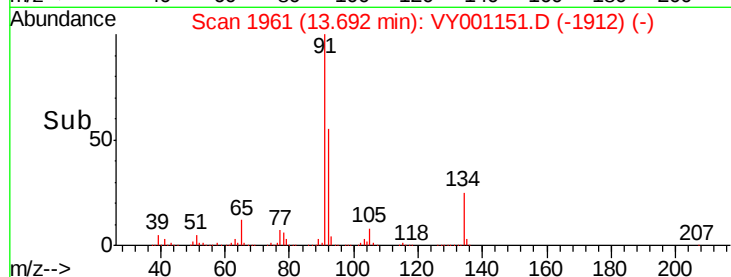
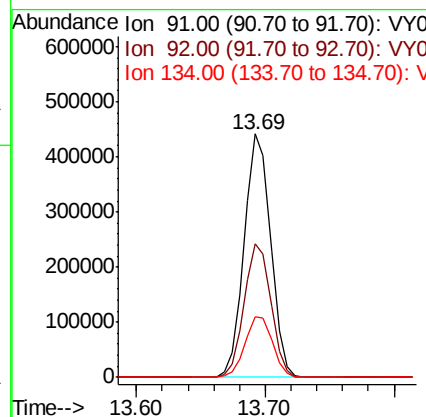
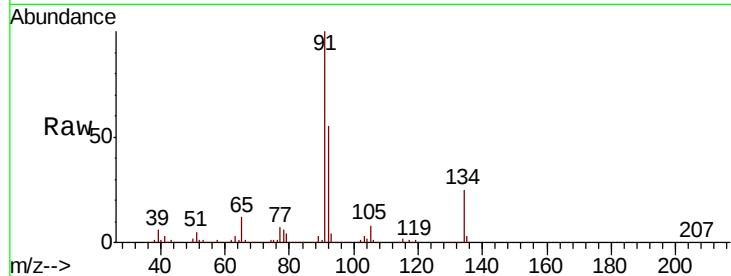
#89  
n-Butylbenzene  
Concen: 56.217 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.4  | 27.7  | 83.1  |
| 134     | 25.8  | 12.9  | 38.6  |

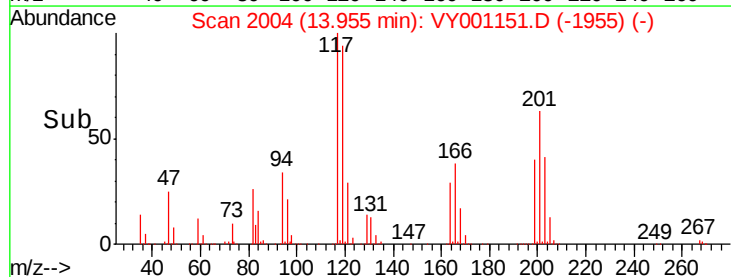
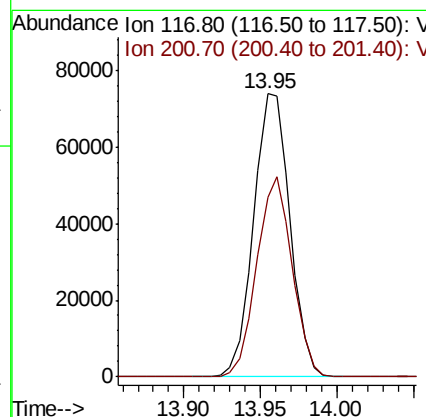
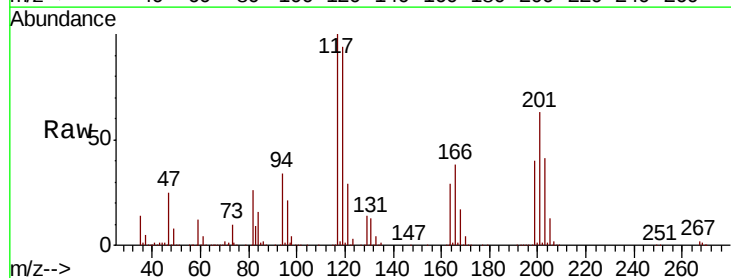
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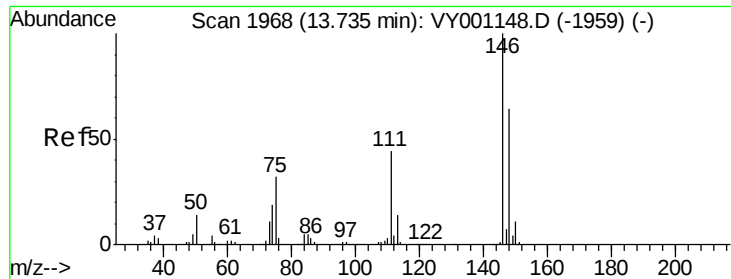
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#90  
Hexachloroethane  
Concen: 56.706 ug/l  
RT: 13.95 min Scan# 2004  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 68.9  | 35.4  | 106.2 |





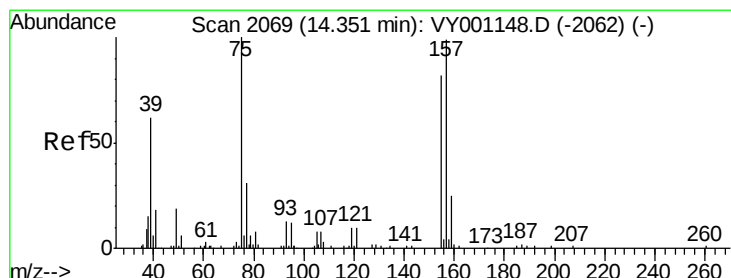
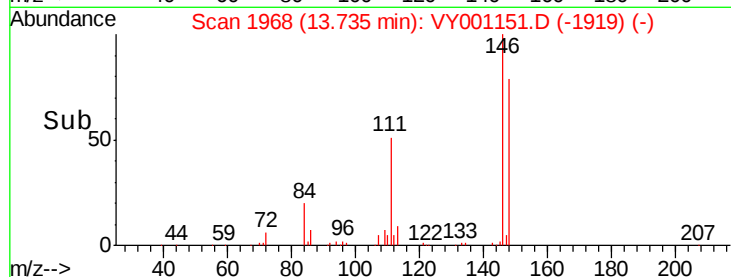
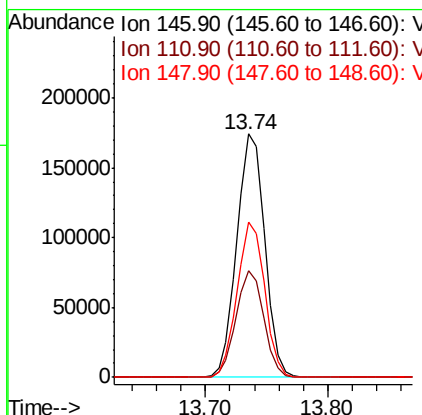
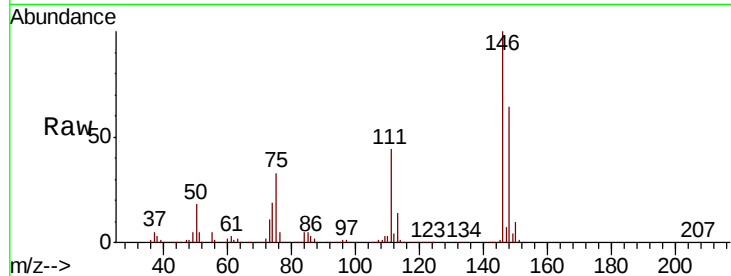
#91  
 1,2-Dichlorobenzene  
 Concen: 56.297 ug/l  
 RT: 13.74 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY011020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 275373 |       |       |
| 111     | 43.3  | 22.0   | 66.0  |       |
| 148     | 62.8  | 32.1   | 96.3  |       |

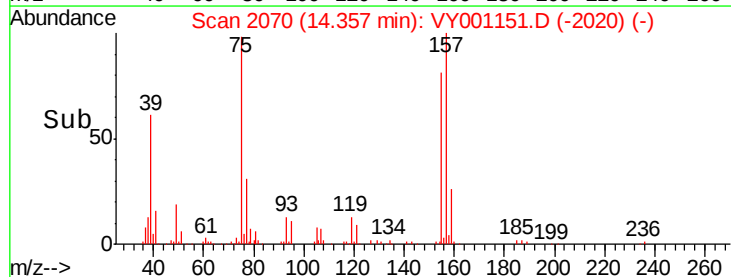
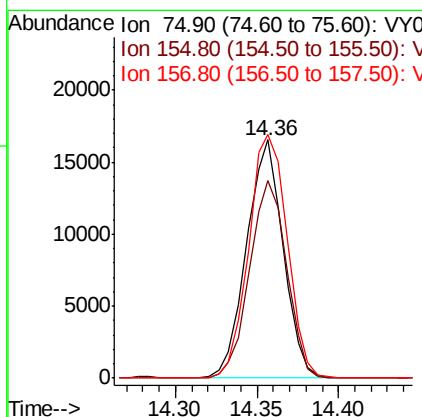
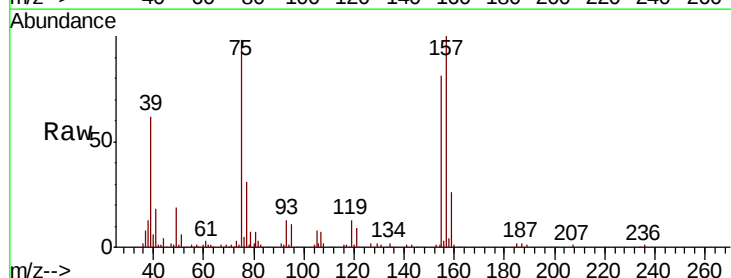
Manual Integrations  
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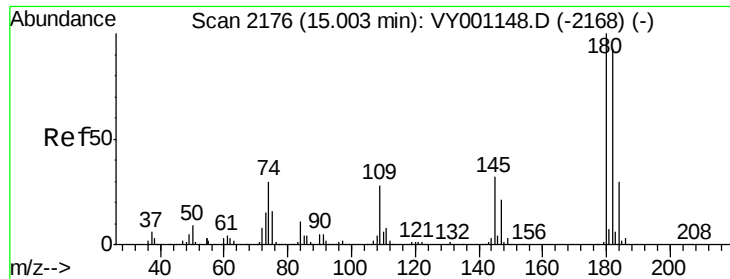
MMDadoda  
 1/13/2020 12:39:11 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.007 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. 0.01 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 25815 |       |       |
| 155     | 84.0  | 41.2  | 123.6 |       |
| 157     | 107.7 | 52.8  | 158.4 |       |





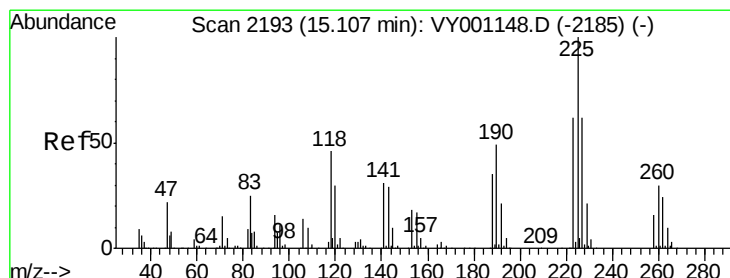
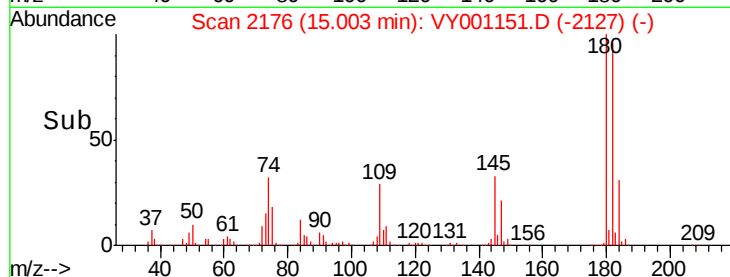
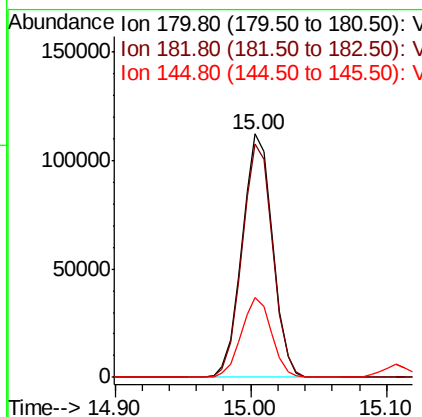
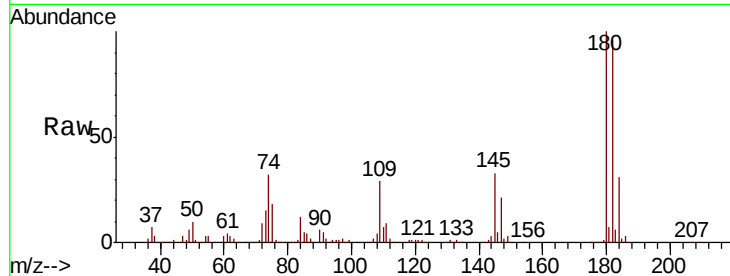
#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.613 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY011020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 176007 |       |       |
| 182     | 96.0  | 46.9   | 140.8 |       |
| 145     | 32.5  | 16.0   | 48.0  |       |

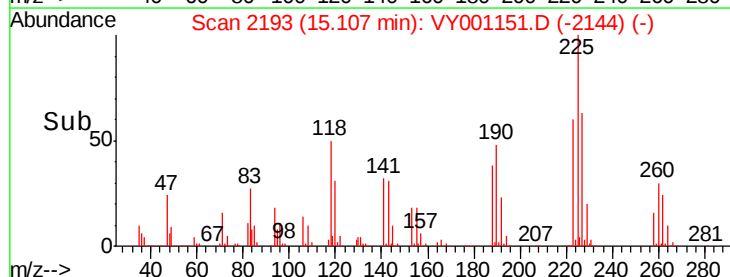
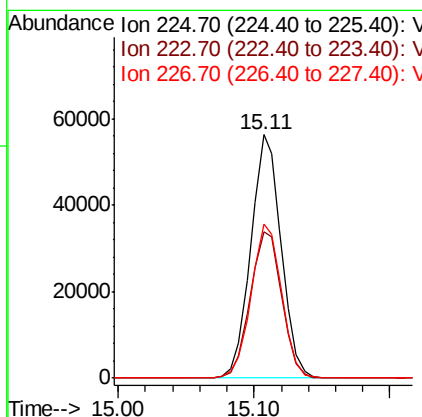
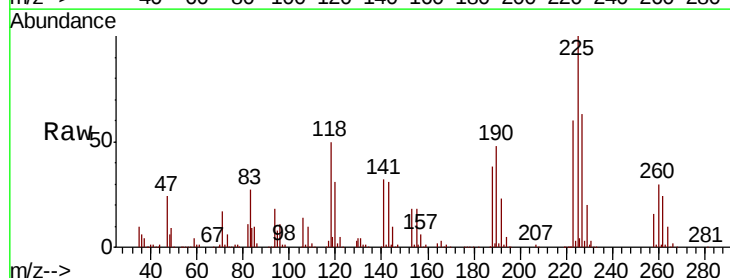
Manual Integrations  
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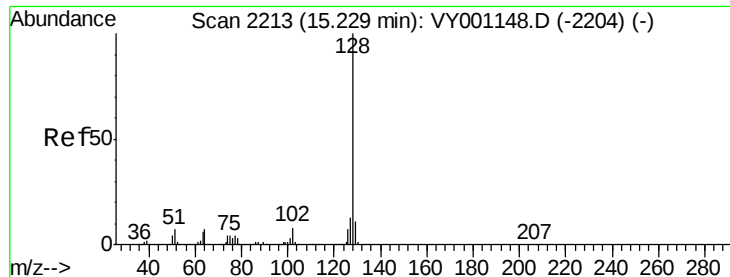
MMDadoda  
 1/13/2020 12:39:11 PM



#94  
 Hexachlorobutadiene  
 Concen: 54.188 ug/l  
 RT: 15.11 min Scan# 2193  
 Delta R.T. 0.00 min  
 Lab File: VY001151.D  
 Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 87980 |       |       |
| 223     | 62.8  | 31.1  | 93.3  |       |
| 227     | 63.6  | 31.3  | 93.9  |       |





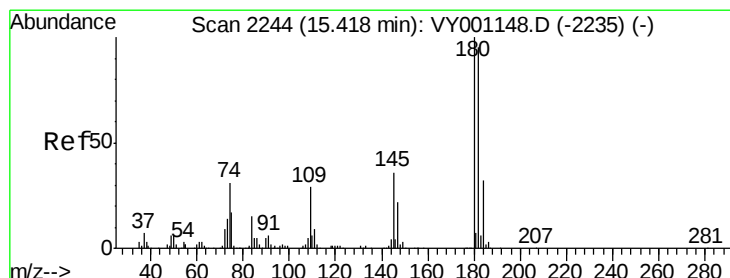
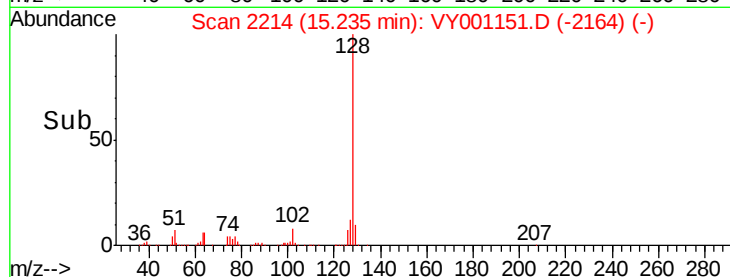
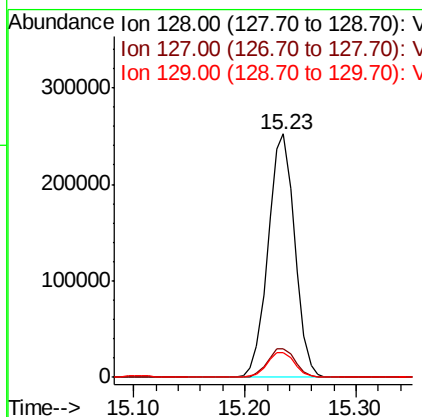
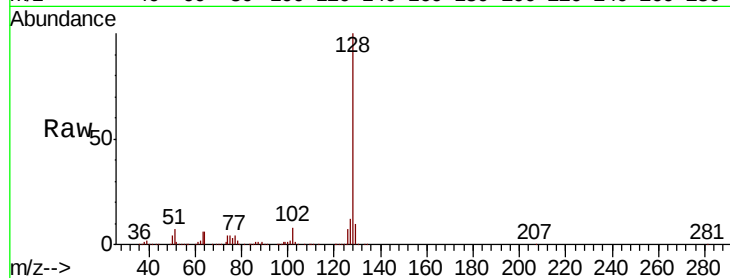
#95  
Naphthalene  
Concen: 56.056 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY011020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.3  | 10.2  | 15.4  |
| 129     | 10.8  | 8.5   | 12.7  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 55.842 ug/l  
RT: 15.42 min Scan# 2244  
Delta R.T. 0.00 min  
Lab File: VY001151.D  
Acq: 10 Jan 2020 16:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.8  | 47.5  | 142.5 |
| 145     | 34.3  | 17.1  | 51.3  |

