

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091819\  
 Data File : VY000068.D  
 Acq On : 18 Sep 2019 18:56  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 9/20/2019 12:39:37 AM

Quant Time: Sep 19 05:13:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y091719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 17 13:28:51 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.79  | 168  | 104745   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 200910   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 180508   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 79363    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.14   | 65   | 59438    | 49.32 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 98.64%  |          |
| 35) Dibromofluoromethane    | 7.72   | 113  | 57978    | 47.66 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.32%  |          |
| 50) Toluene-d8              | 10.18  | 98   | 241168   | 50.48 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 100.96% |          |
| 62) 4-Bromofluorobenzene    | 12.48  | 95   | 84957    | 47.89 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.78%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85   | 35272    | 48.698  | ug/l   | 95     |
| 3) Chloromethane              | 2.11 | 50   | 44074    | 45.885  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.25 | 62   | 50120    | 42.883  | ug/l   | 93     |
| 5) Bromomethane               | 2.63 | 94   | 33510    | 45.885  | ug/l   | 95     |
| 6) Chloroethane               | 2.78 | 64   | 35476    | 45.283  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.12 | 101  | 74514    | 46.110  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.53 | 74   | 34863    | 50.385  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.89 | 101  | 53173    | 47.962  | ug/l # | 73     |
| 10) Methyl Iodide             | 4.09 | 142  | 58004    | 50.310  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.96 | 59   | 36436    | 255.037 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 3.86 | 96   | 46513    | 45.511  | ug/l   | 98     |
| 13) Acrolein                  | 3.73 | 56   | 11079    | 141.448 | ug/l   | 95     |
| 14) Allyl chloride            | 4.48 | 41   | 74414    | 47.639  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.17 | 53   | 110471   | 266.251 | ug/l   | 97     |
| 16) Acetone                   | 3.95 | 43   | 73232    | 260.995 | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.19 | 76   | 86766    | 48.144  | ug/l   | 96     |
| 18) Methyl Acetate            | 4.48 | 43   | 48423    | 51.656  | ug/l   | 95     |
| 19) Methyl tert-butyl Ether   | 5.23 | 73   | 169060   | 52.933  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.71 | 84   | 64377    | 48.773  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.21 | 96   | 53322    | 46.935  | ug/l   | 90     |
| 22) Diisopropyl ether         | 6.12 | 45   | 182337   | 51.665  | ug/l   | 95     |
| 23) Vinyl Acetate             | 6.06 | 43   | 601008   | 254.445 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.01 | 63   | 103860   | 49.721  | ug/l   | 96     |
| 25) 2-Butanone                | 6.99 | 43   | 125809   | 247.551 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.98 | 77   | 87696    | 44.486  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96   | 71549    | 49.741  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.34 | 49   | 53701    | 55.462  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 7.35 | 42   | 79567    | 260.795 | ug/l   | 99     |
| 30) Chloroform                | 7.51 | 83   | 107957   | 50.081  | ug/l   | 99     |
| 31) Cyclohexane               | 7.78 | 56   | 74312    | 50.148  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.70 | 97   | 86028    | 49.134  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.92 | 75   | 70778    | 47.114  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.07 | 43   | 52714    | 52.643  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.90 | 117  | 68993    | 48.661  | ug/l   | 96     |

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 ALS Vial : 13 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
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MMDadoda  
 9/20/2019 12:39:37 AM

Quant Time: Sep 19 05:13:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y091719S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 17 13:28:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.18  | 83   | 87915    | 47.593   | ug/l   | 99       |
| 40) Benzene                    | 8.16  | 78   | 249380   | 50.260   | ug/l   | 94       |
| 41) Methacrylonitrile          | 7.31  | 41   | 21748m   | 31.100   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 66069    | 50.270   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.27  | 43   | 101151   | 51.650   | ug/l   | 99       |
| 44) Trichloroethene            | 8.94  | 130  | 62143    | 49.025   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.21  | 63   | 66184    | 51.492   | ug/l   | 95       |
| 46) Dibromomethane             | 9.31  | 93   | 37000    | 52.702   | ug/l   | 96       |
| 47) Bromodichloromethane       | 9.49  | 83   | 91296    | 53.590   | ug/l # | 94       |
| 48) Methyl methacrylate        | 9.29  | 41   | 45521    | 52.853   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.29  | 88   | 13772    | 1010.358 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 280892   | 262.700  | ug/l   | 99       |
| 52) Toluene                    | 10.24 | 92   | 153643   | 48.739   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.46 | 75   | 93773    | 51.913   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 108039   | 51.794   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 58541    | 53.187   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 83404    | 53.252   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 97751    | 52.869   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 226746   | 267.813  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.83 | 43   | 199578   | 261.634  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.98 | 129  | 61692    | 53.501   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 52473    | 52.194   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.71 | 164  | 53312    | 47.056   | ug/l   | 92       |
| 65) Chlorobenzene              | 11.51 | 112  | 176002   | 49.294   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 60988    | 50.518   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 306907   | 48.164   | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.70 | 106  | 234481   | 96.709   | ug/l   | 98       |
| 69) o-Xylene                   | 12.02 | 106  | 114061   | 48.585   | ug/l   | 98       |
| 70) Styrene                    | 12.04 | 104  | 204501   | 49.619   | ug/l   | 99       |
| 71) Bromoform                  | 12.21 | 173  | 35609    | 50.950   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.33 | 105  | 306779   | 47.965   | ug/l   | 98       |
| 74) N-amyl acetate             | 12.14 | 43   | 93651    | 51.398   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 75081    | 49.869   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 45660m   | 40.891   | ug/l   |          |
| 77) Bromobenzene               | 12.60 | 156  | 64715    | 48.457   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 371563   | 47.625   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 208277   | 47.752   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 253589   | 47.864   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 27421    | 47.229   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 216442   | 47.991   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 216581   | 47.781   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 254906   | 48.802   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 319248   | 47.671   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 272612   | 48.024   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 127383   | 48.083   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 129755   | 48.741   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.69 | 91   | 281159   | 48.146   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.96 | 117  | 56620    | 50.757   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 121925   | 48.985   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.35 | 75   | 13145    | 49.037   | ug/l   | 95       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.00ml/MSVOA Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

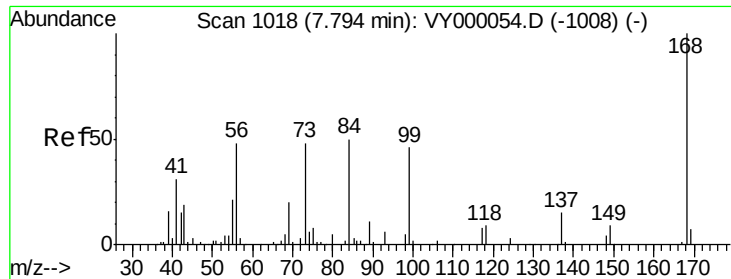
MMDadoda  
9/20/2019 12:39:37 AM

Quant Time: Sep 19 05:13:24 2019  
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QLast Update : Tue Sep 17 13:28:51 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 76771    | 51.115 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.10 | 225  | 33665    | 46.685 | ug/l  | 95       |
| 95) Naphthalene            | 15.23 | 128  | 218243   | 51.187 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 71797    | 50.090 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleID :

VSTDCCC050EC

Tot Ion:168 Resp: 104745

Ion Ratio Lower Upper

168 100

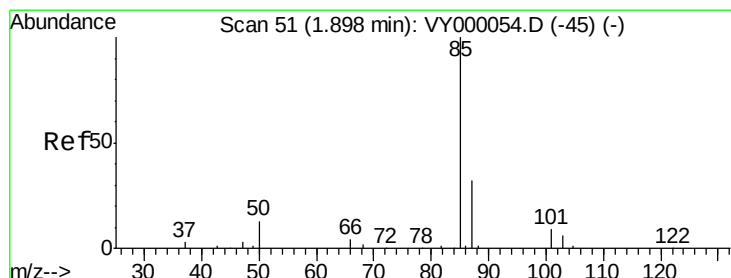
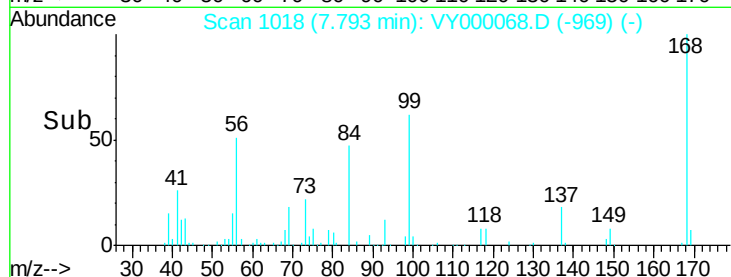
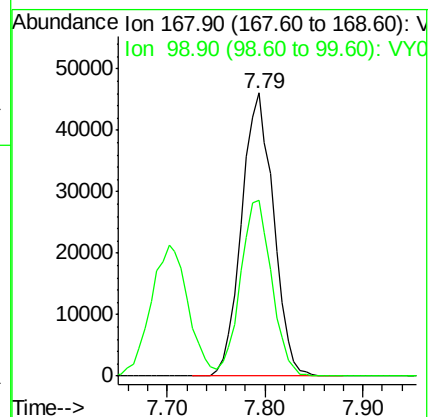
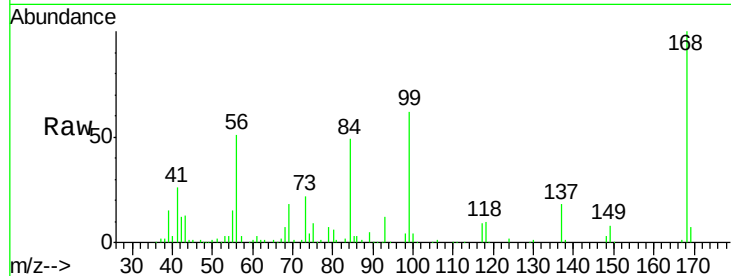
99 62.2 44.2 66.2

Manual Integrations

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MMDadoda

9/20/2019 12:39:37 AM



#2

Dichlorodifluoromethane

Concen: 48.698 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000068.D

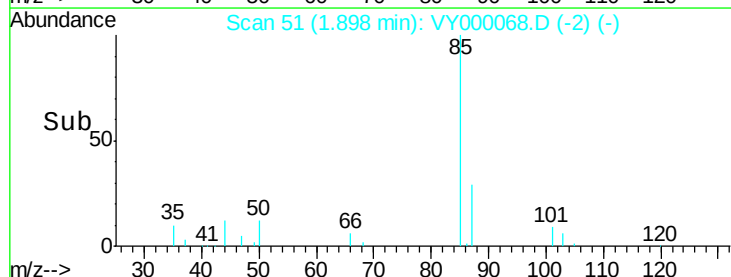
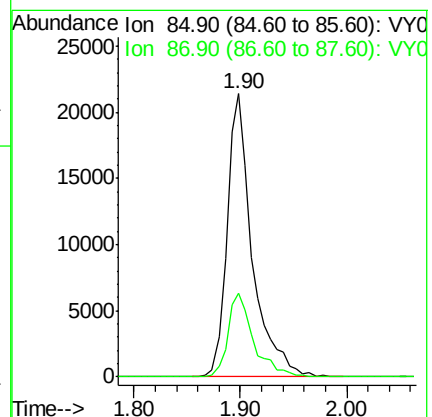
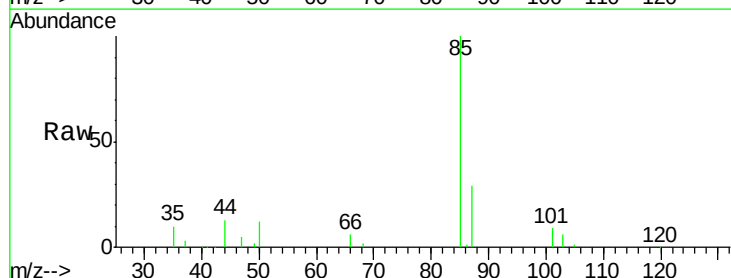
Acq: 18 Sep 2019 18:56

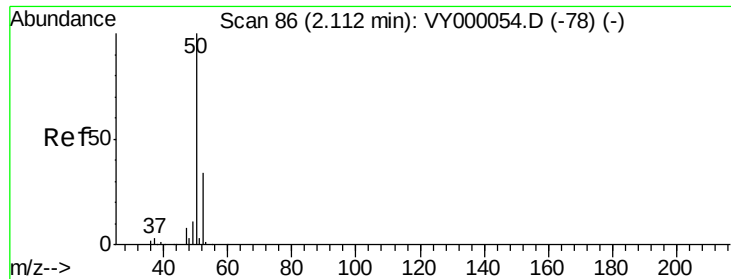
Tgt Ion: 85 Resp: 35272

Ion Ratio Lower Upper

85 100

87 29.4 16.2 48.5





#3

Chloromethane

Concen: 45.885 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 44074

Ion Ratio Lower Upper

50 100

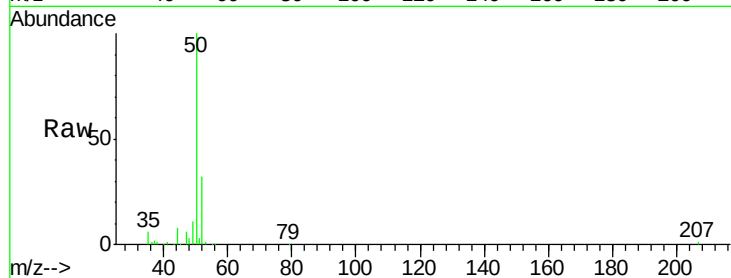
52 32.0 27.3 40.9

Manual Integrations

APPROVED

MMDadoda

9/20/2019 12:39:37 AM

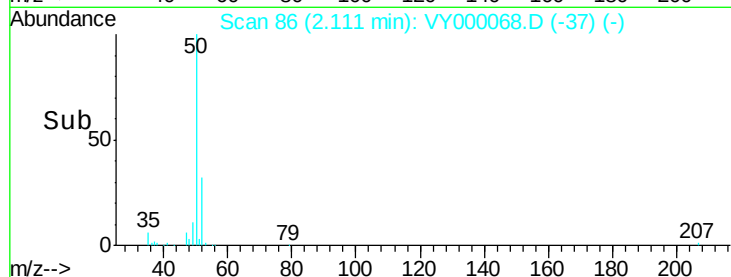


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

Time-->



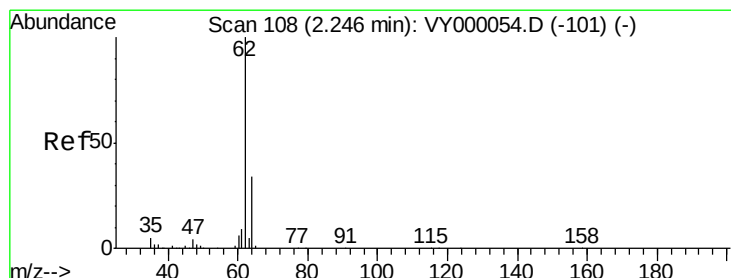
Abundance

Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

Time-->



#4

Vinyl Chloride

Concen: 42.883 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000068.D

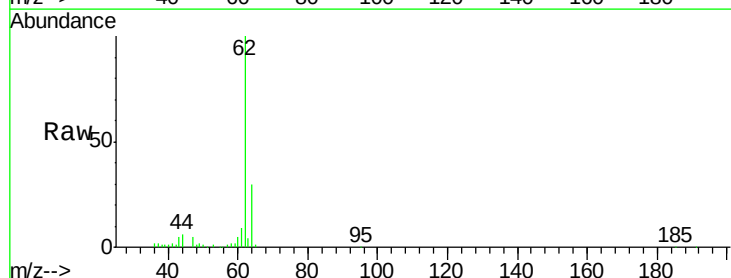
Acq: 18 Sep 2019 18:56

Tgt Ion: 62 Resp: 50120

Ion Ratio Lower Upper

62 100

64 29.6 26.9 40.3

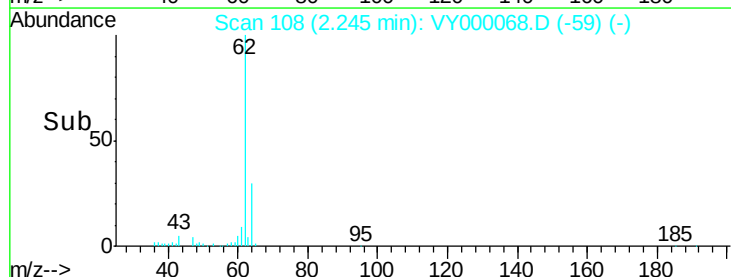


Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

Time-->



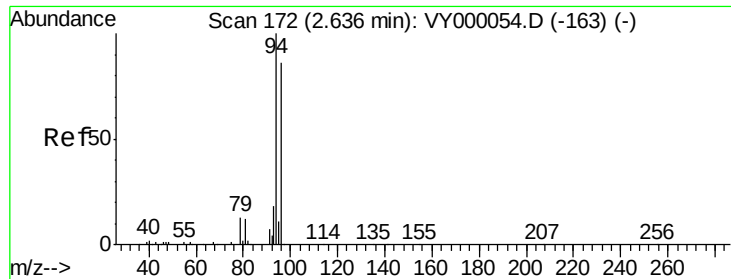
Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

Time-->



#5

Bromomethane

Concen: 45.885 ug/l

RT: 2.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 33510

Ion Ratio Lower Upper

94 100

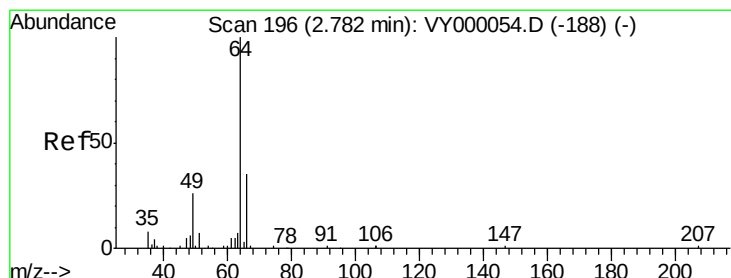
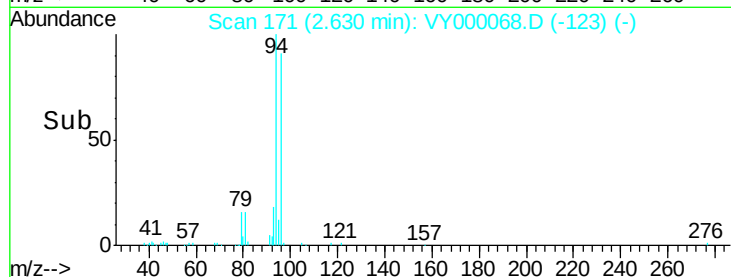
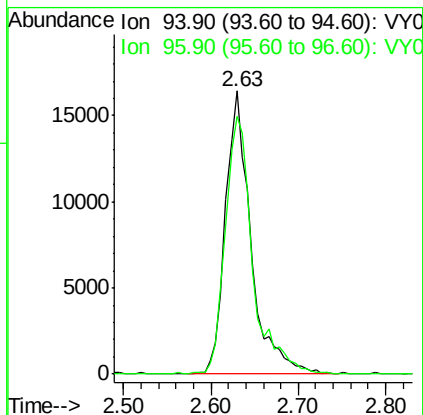
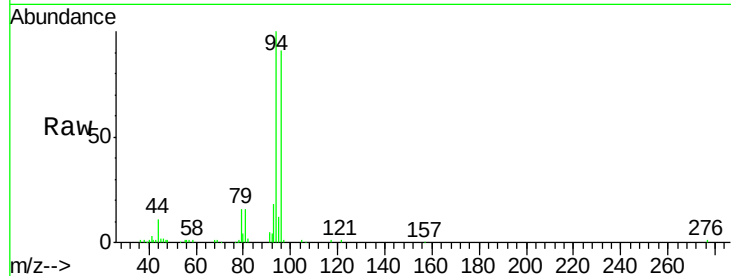
96 90.9 69.1 103.7

Manual Integrations

APPROVED

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9/20/2019 12:39:37 AM



#6

Chloroethane

Concen: 45.283 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VY000068.D

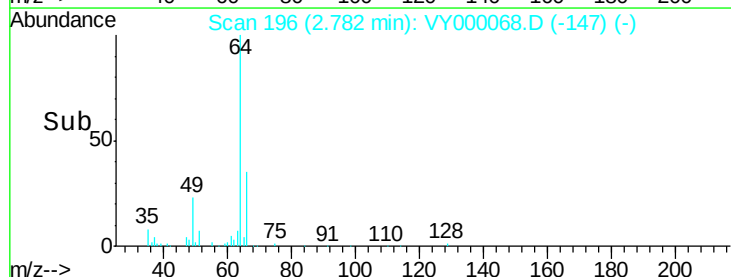
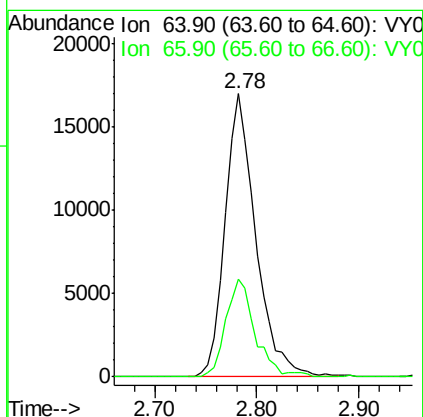
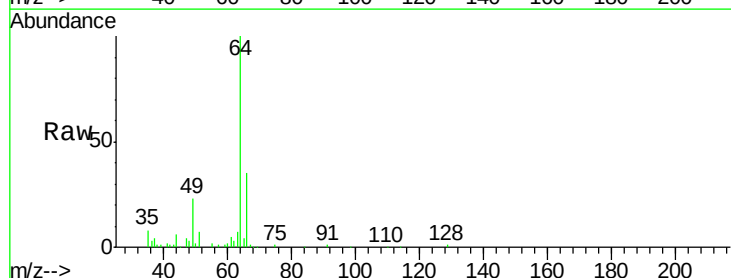
Acq: 18 Sep 2019 18:56

Tgt Ion: 64 Resp: 35476

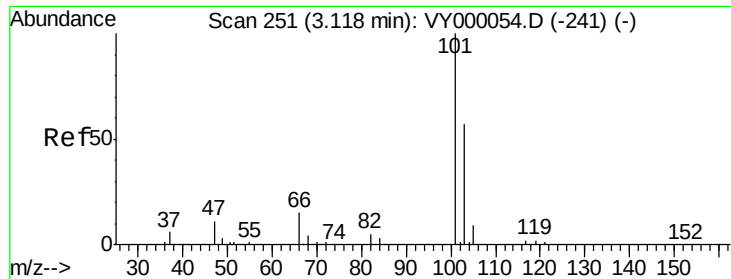
Ion Ratio Lower Upper

64 100

66 34.7 27.7 41.5







#7

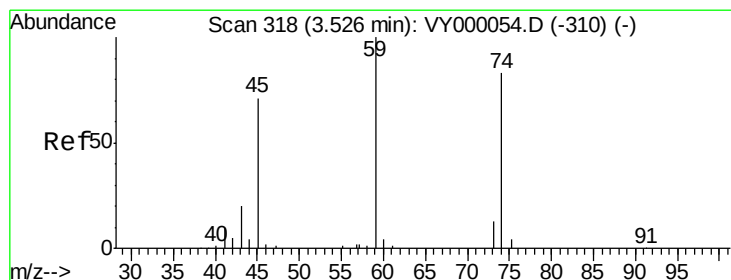
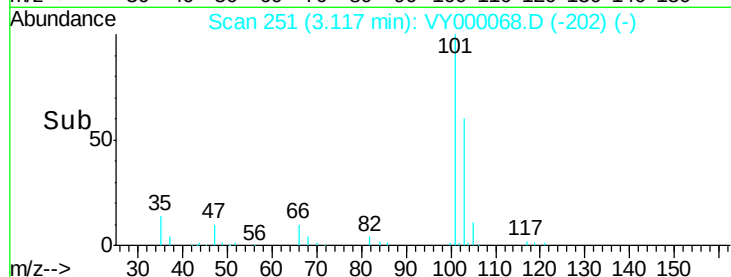
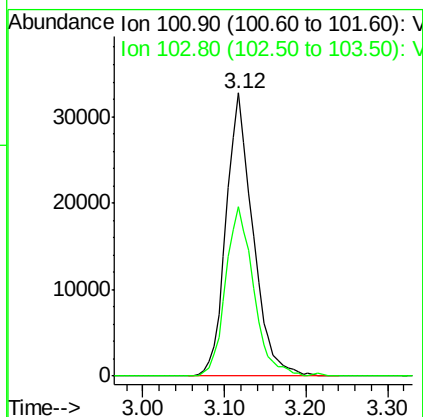
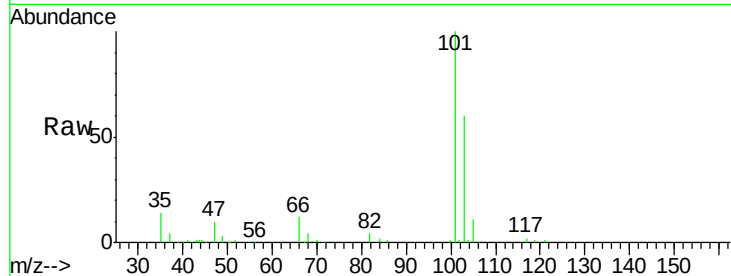
Trichlorofluoromethane  
Concen: 46.110 ug/l  
RT: 3.12 min Scan# 251  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:101 Resp: 74514  
Ion Ratio Lower Upper  
101 100  
103 59.8 45.7 68.5

Manual Integrations  
APPROVED

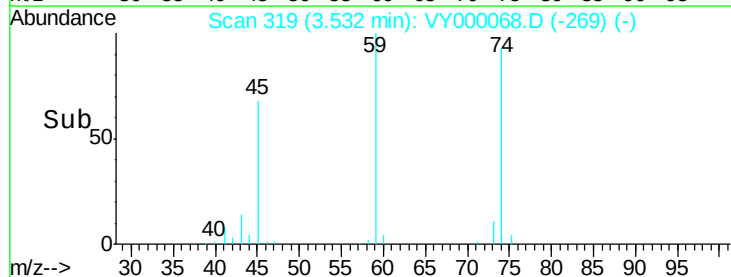
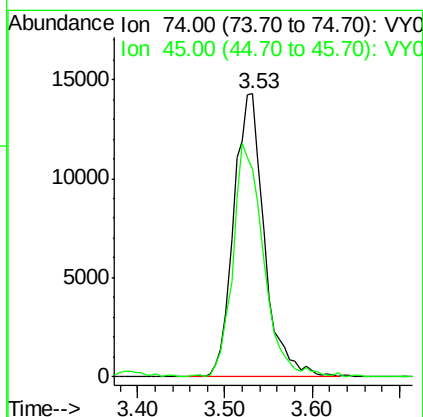
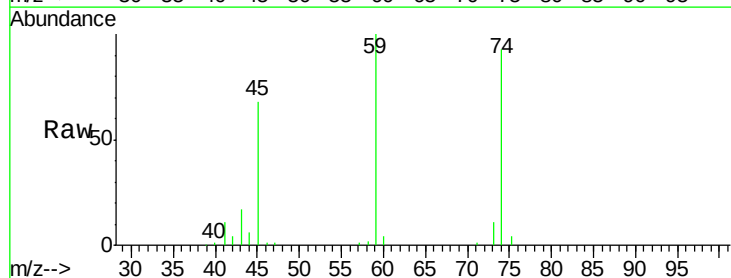
MMDadoda  
9/20/2019 12:39:37 AM



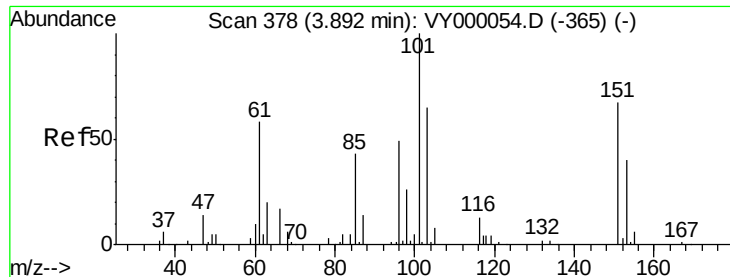
#8

Diethyl Ether  
Concen: 50.385 ug/l  
RT: 3.53 min Scan# 319  
Delta R.T. 0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Tgt Ion: 74 Resp: 34863  
Ion Ratio Lower Upper  
74 100  
45 80.7 40.6 122.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.962 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

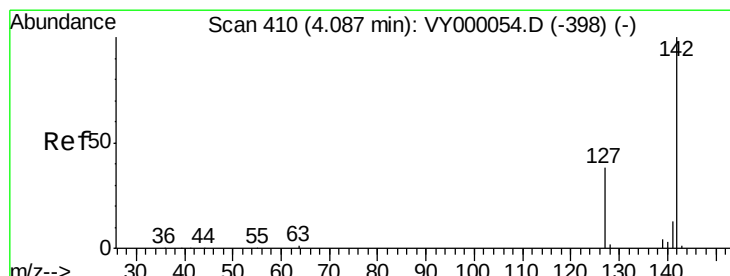
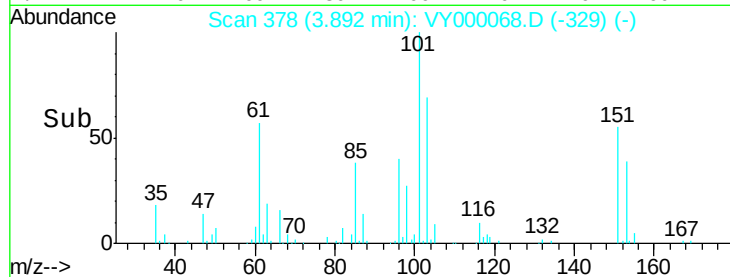
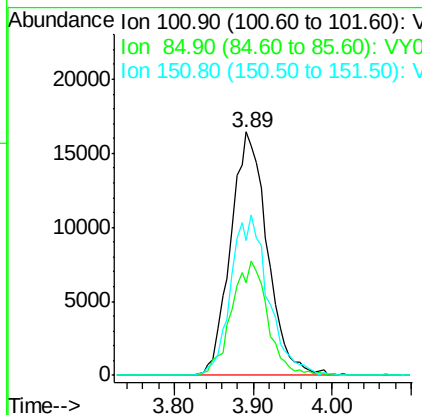
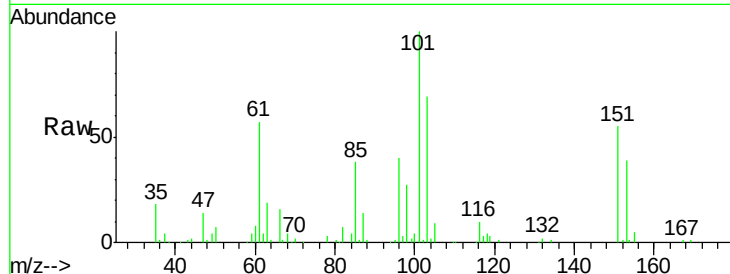
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 53173 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.7  | 36.8  | 55.2  |
| 151       | 31.2  | 54.4  | 81.6# |

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#10

Methyl Iodide

Concen: 50.310 ug/l

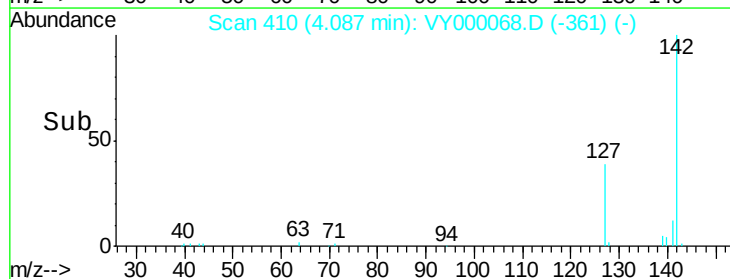
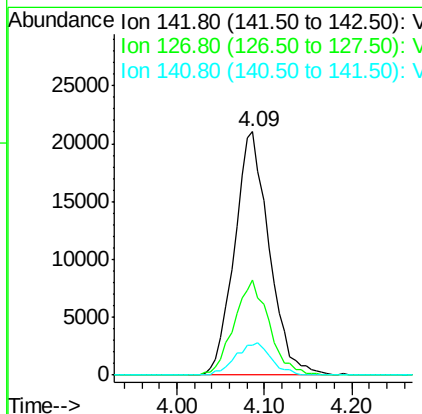
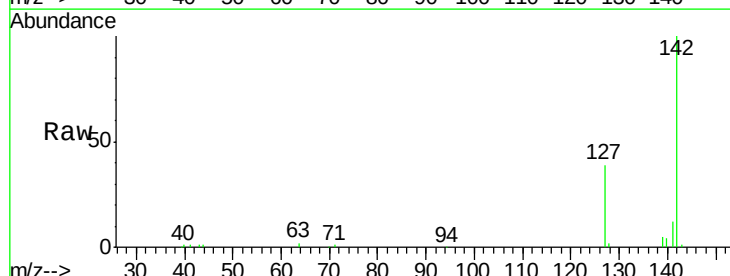
RT: 4.09 min Scan# 410

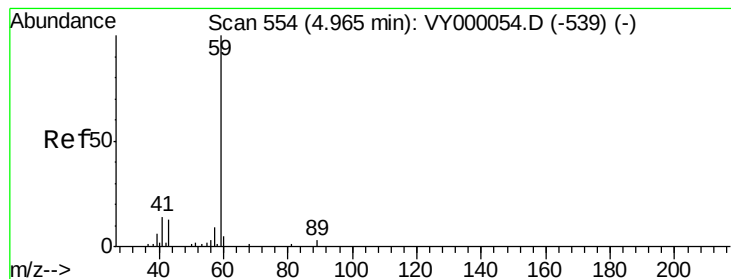
Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 58004 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 39.3  | 31.6  | 47.4  |
| 141       | 13.5  | 10.9  | 16.3  |





#11

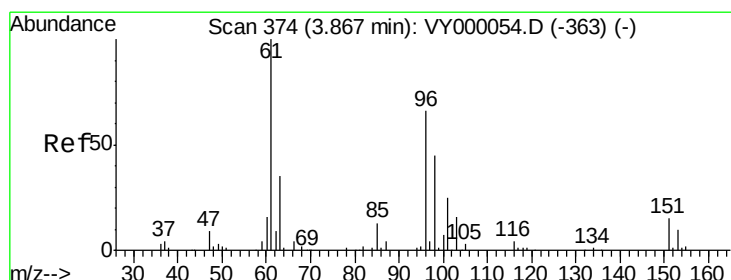
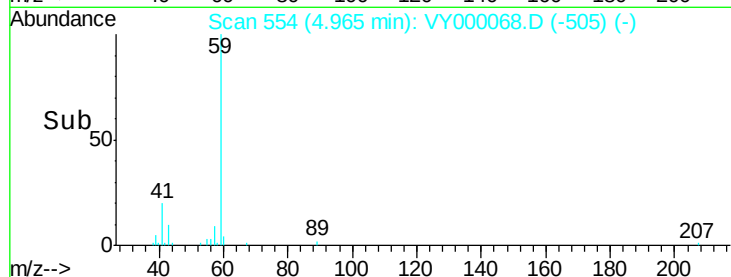
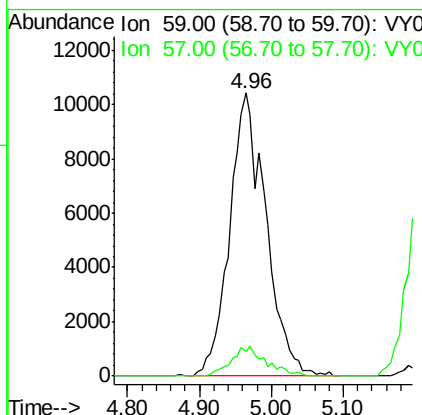
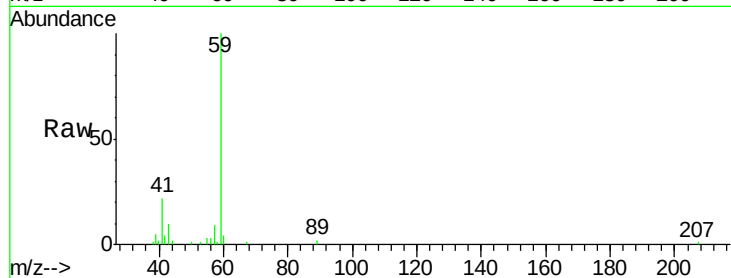
Tert butyl alcohol  
 Concen: 255.037 ug/l  
 RT: 4.96 min Scan# 554  
 Delta R.T. 0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.0  | 8.0   | 12.0  |

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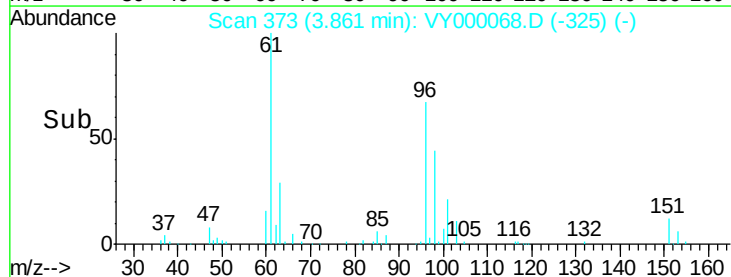
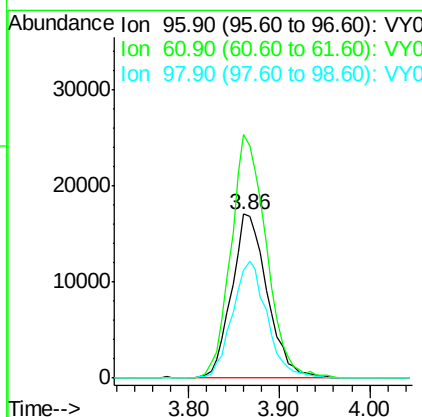
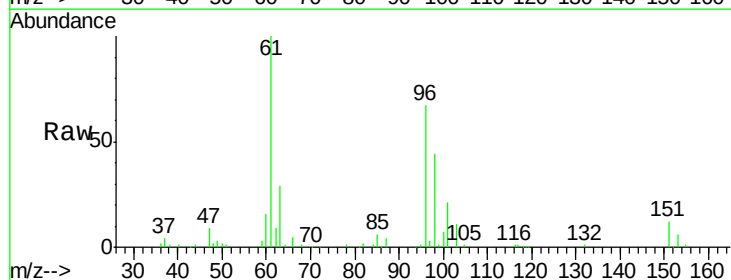
MMDadoda  
 9/20/2019 12:39:37 AM

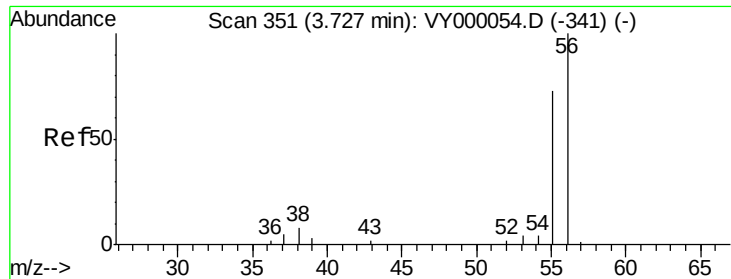


#12

1,1-Dichloroethene  
 Concen: 45.511 ug/l  
 RT: 3.86 min Scan# 373  
 Delta R.T. -0.01 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 148.5 | 120.4 | 180.6 |
| 98      | 65.8  | 54.1  | 81.1  |





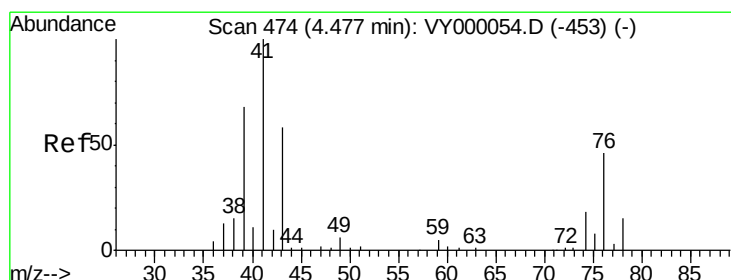
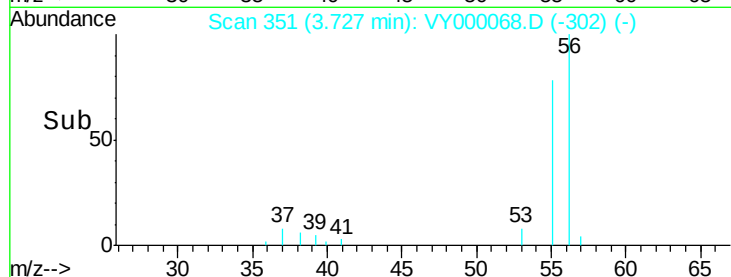
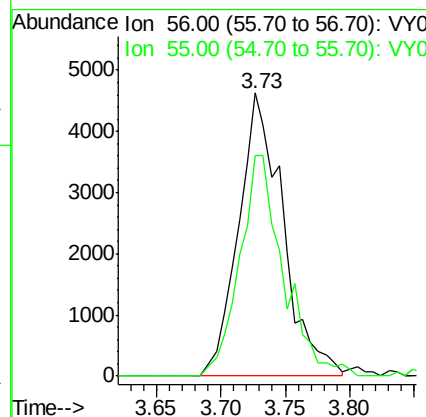
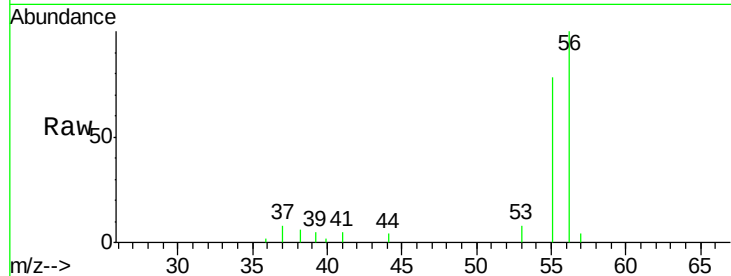
#13  
Acrolein  
Concen: 141.448 ug/l  
RT: 3.73 min Scan# 351  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 56 Resp: 11079  
Ion Ratio Lower Upper  
56 100  
55 76.9 57.8 86.8

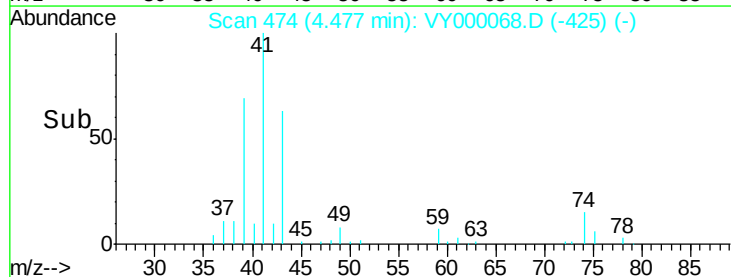
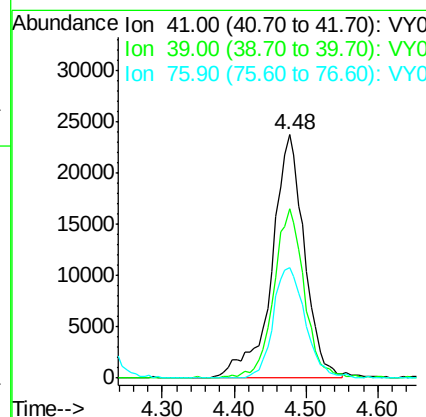
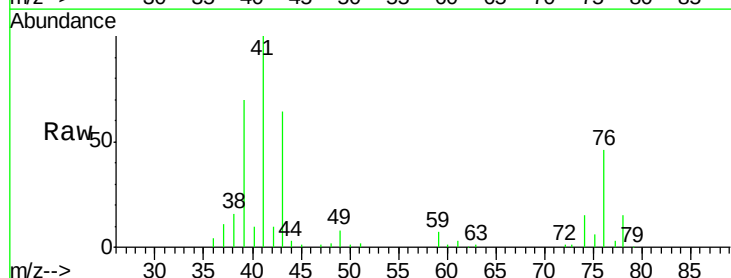
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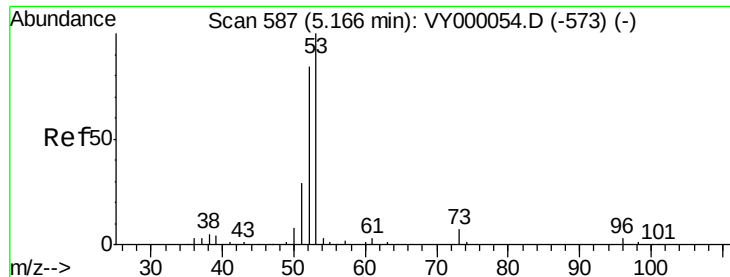
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#14  
Allyl chloride  
Concen: 47.639 ug/l  
RT: 4.48 min Scan# 474  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Tgt Ion: 41 Resp: 74414  
Ion Ratio Lower Upper  
41 100  
39 65.1 52.7 79.1  
76 44.7 35.5 53.3





#15

Acrylonitrile

Concen: 266.251 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

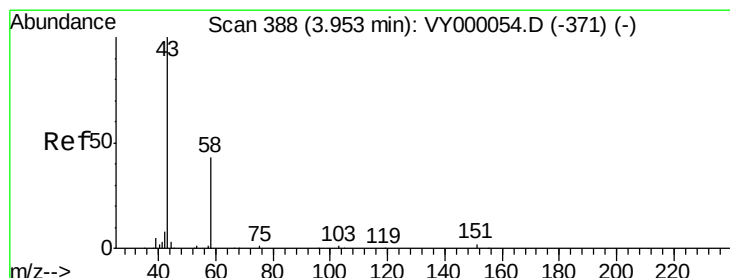
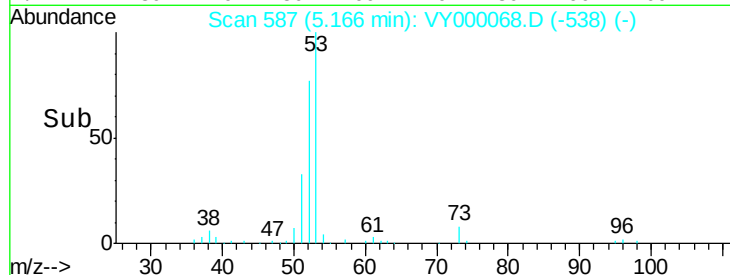
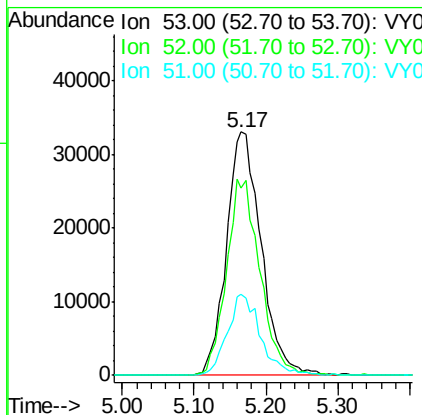
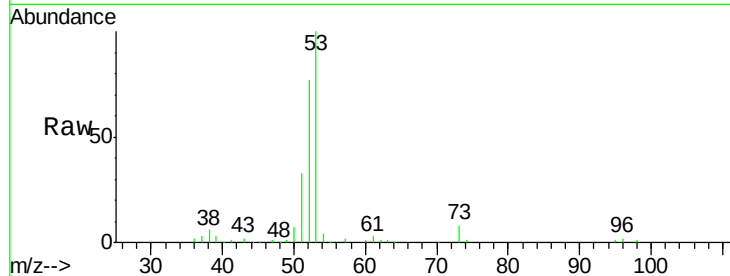
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 110471 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 77.9  | 64.7  | 97.1   |
| 51       | 32.0  | 26.7  | 40.1   |

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#16

Acetone

Concen: 260.995 ug/l

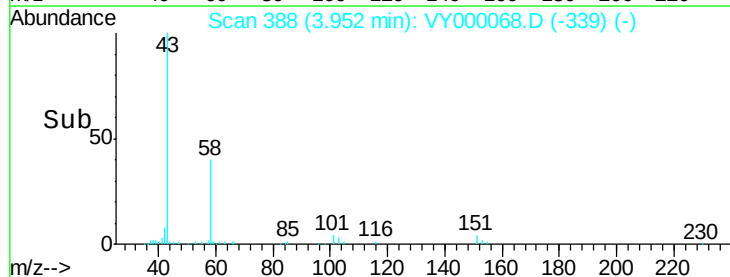
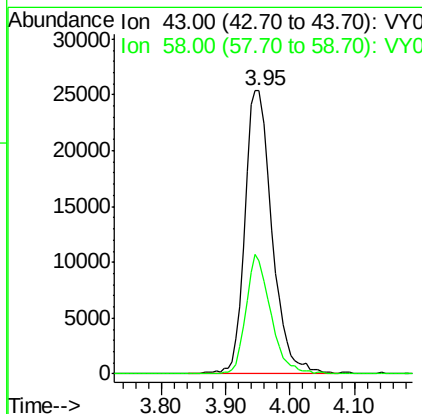
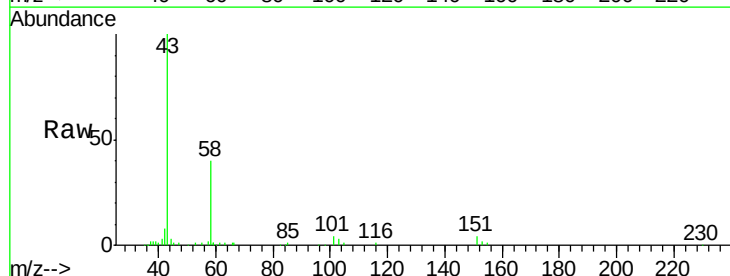
RT: 3.95 min Scan# 388

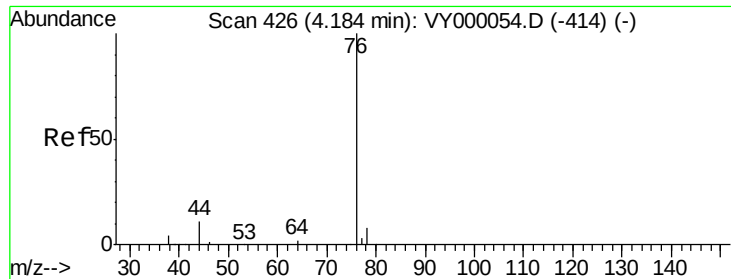
Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 73232 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 40.0  | 34.5  | 51.7  |





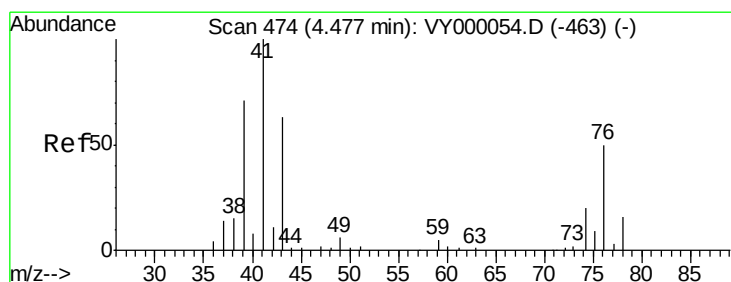
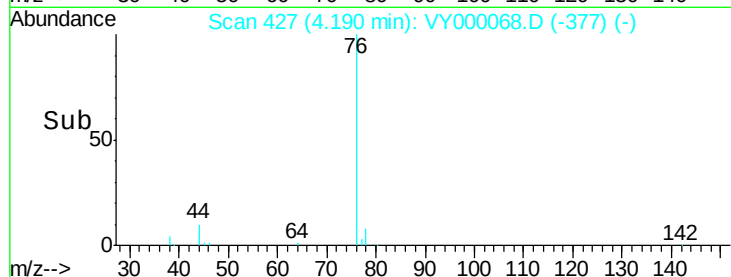
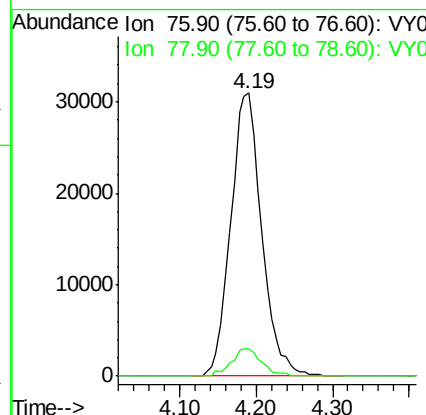
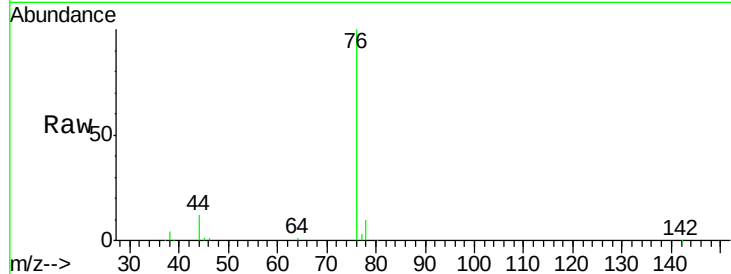
#17  
Carbon Disulfide  
Concen: 48.144 ug/l  
RT: 4.19 min Scan# 427  
Delta R.T. 0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 76 Resp: 86766  
Ion Ratio Lower Upper  
76 100  
78 9.7 6.6 9.8

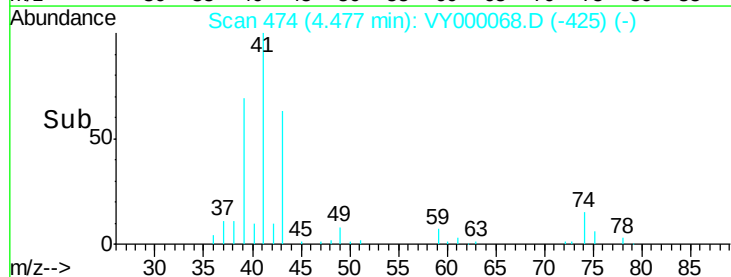
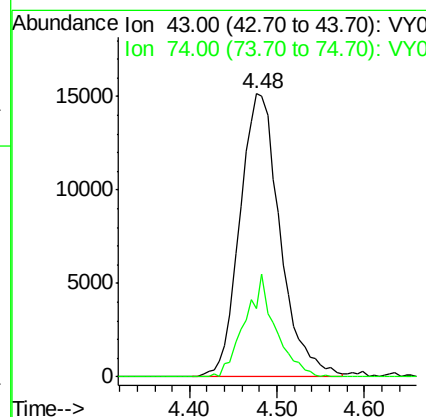
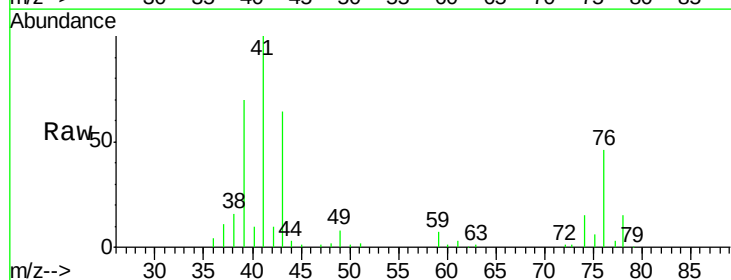
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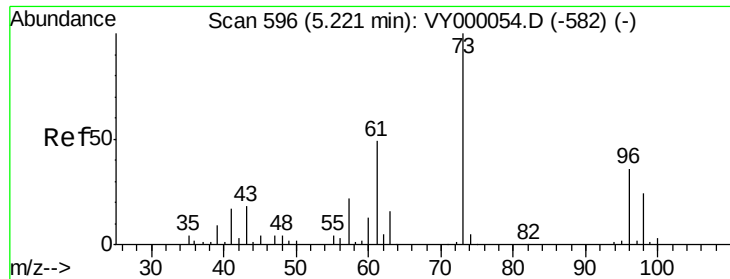
MMDadoda  
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#18  
Methyl Acetate  
Concen: 51.656 ug/l  
RT: 4.48 min Scan# 474  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Tgt Ion: 43 Resp: 48423  
Ion Ratio Lower Upper  
43 100  
74 27.4 24.1 36.1





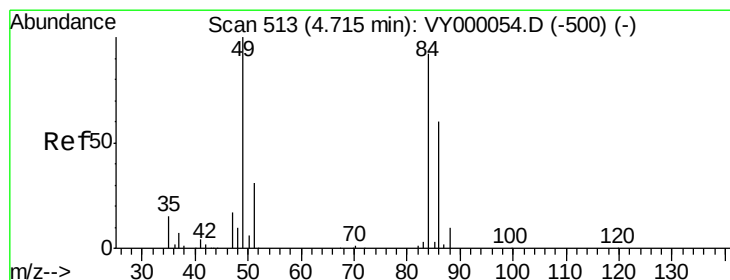
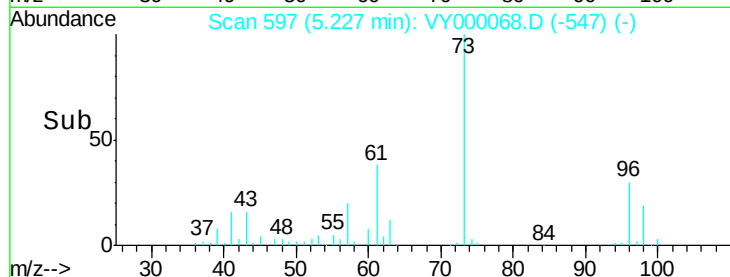
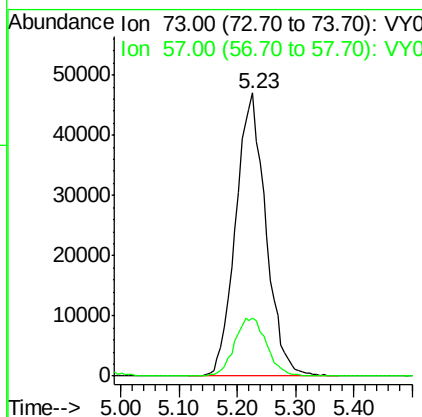
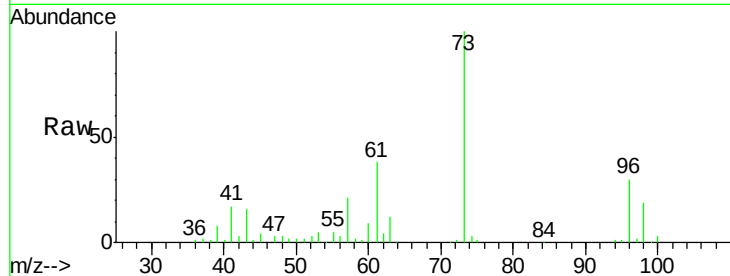
#19  
Methyl tert-butyl Ether  
Concen: 52.933 ug/l  
RT: 5.23 min Scan# 597  
Delta R.T. 0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 169060  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.5 26.3

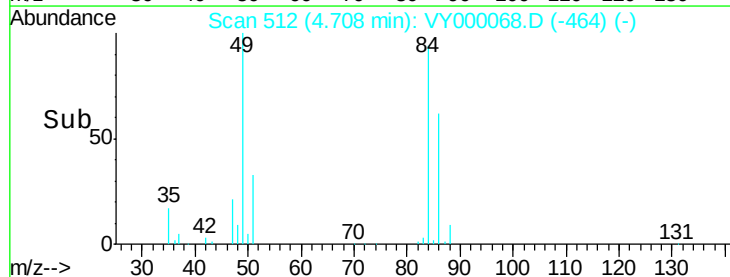
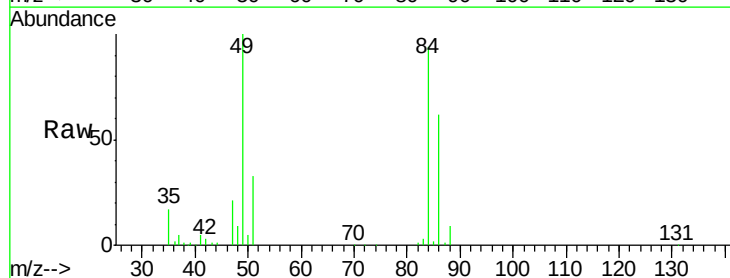
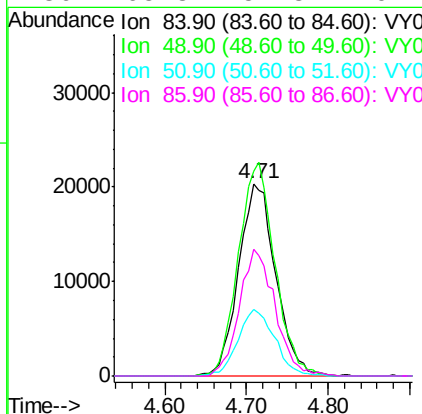
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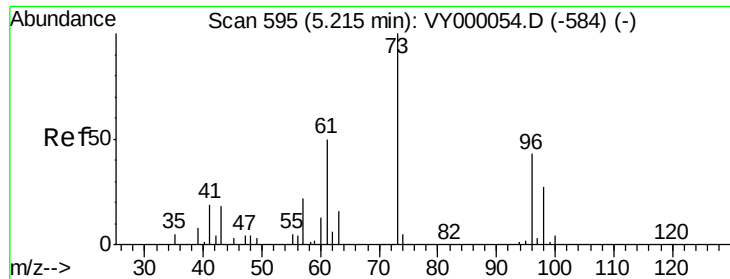
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#20  
Methylene Chloride  
Concen: 48.773 ug/l  
RT: 4.71 min Scan# 512  
Delta R.T. -0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Tgt Ion: 84 Resp: 64377  
Ion Ratio Lower Upper  
84 100  
49 106.7 87.4 131.0  
51 34.7 27.2 40.8  
86 65.8 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 46.935 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 53322

Ion Ratio Lower Upper

96 100

61 107.0 94.0 141.0

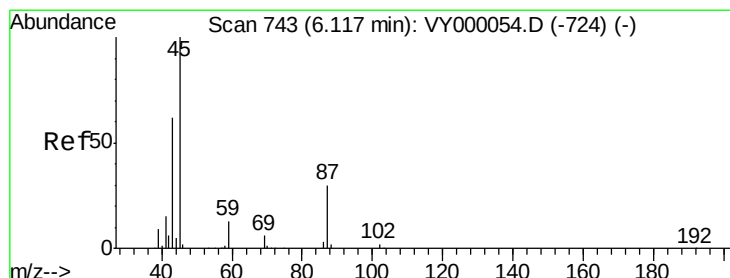
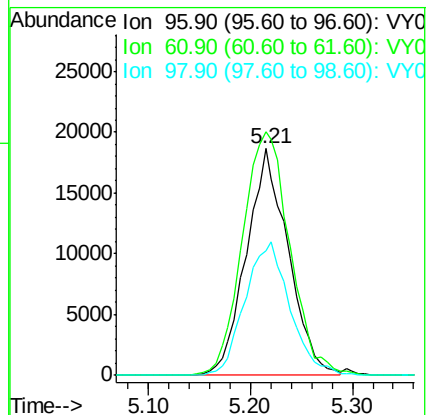
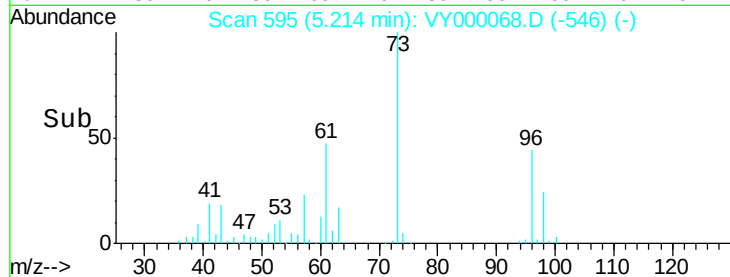
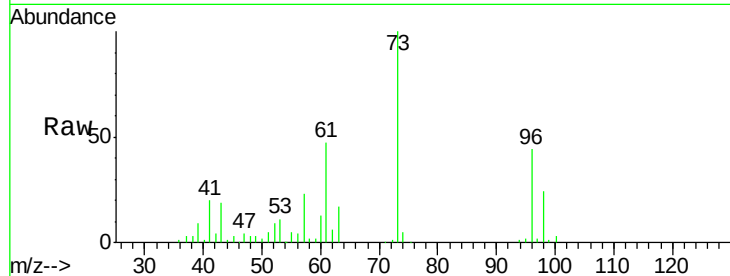
98 54.8 50.3 75.5

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#22

Diisopropyl ether

Concen: 51.665 ug/l

RT: 6.12 min Scan# 744

Delta R.T. 0.01 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Tgt Ion: 45 Resp: 182337

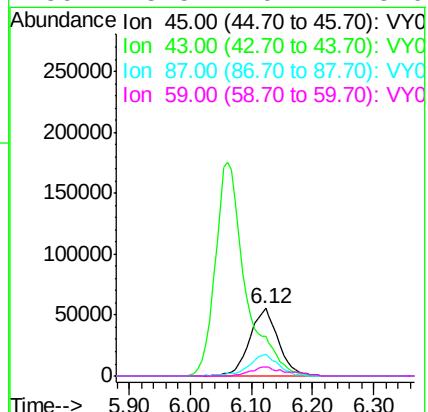
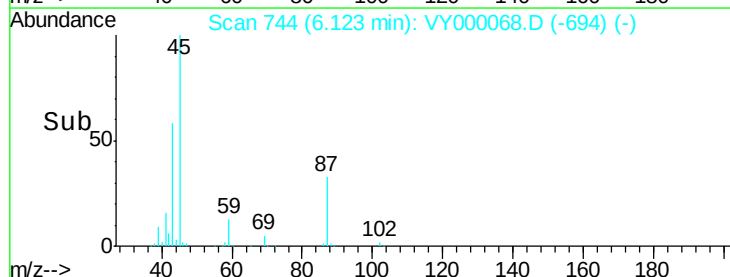
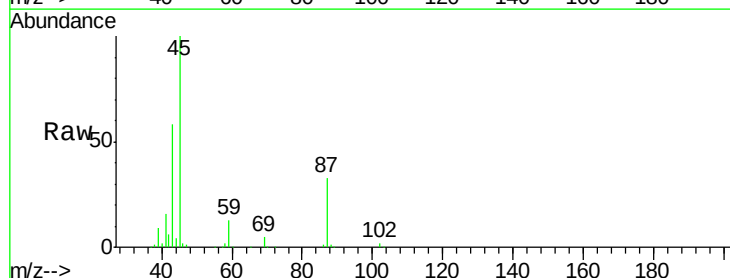
Ion Ratio Lower Upper

45 100

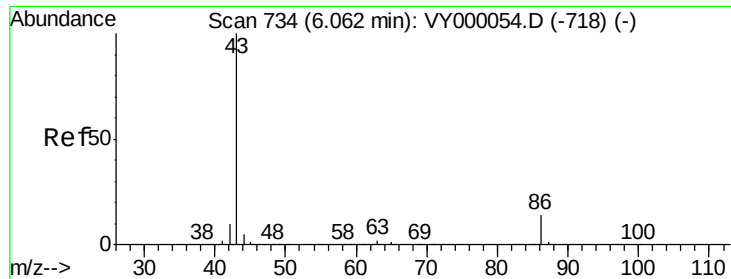
43 57.4 49.9 74.9

87 33.1 25.0 37.4

59 13.5 10.4 15.6







#23

Vinyl Acetate

Concen: 254.445 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 601008

Ion Ratio Lower Upper

43 100

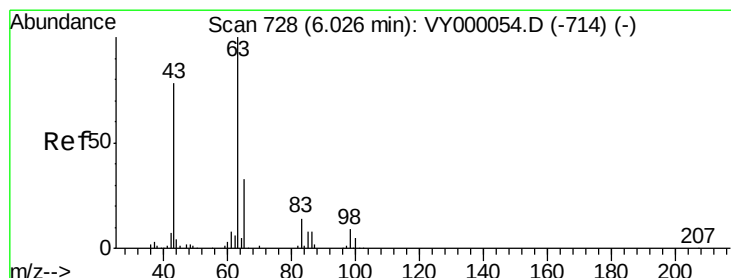
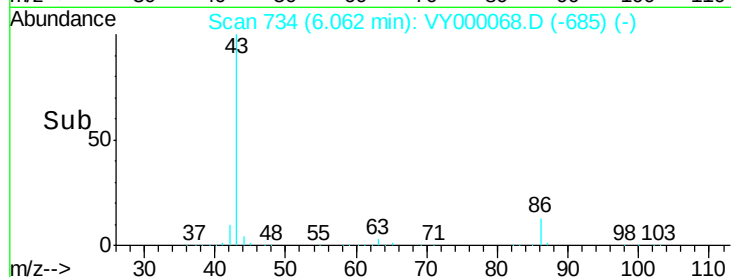
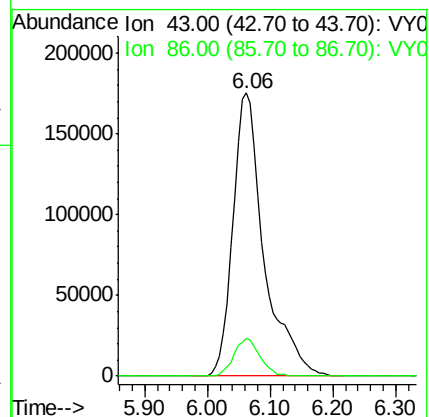
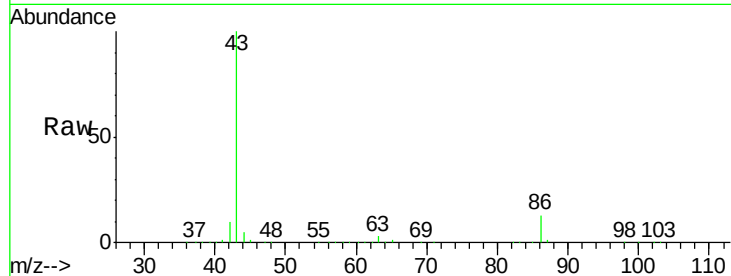
86 13.4 11.3 16.9

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#24

1,1-Dichloroethane

Concen: 49.721 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

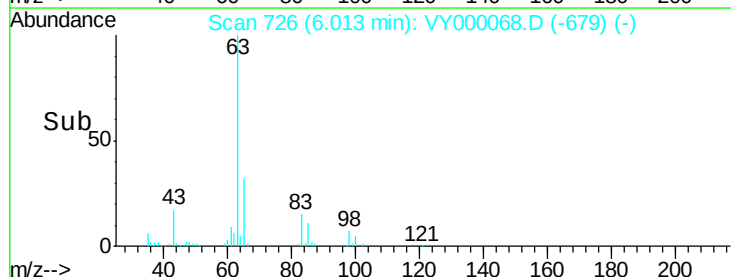
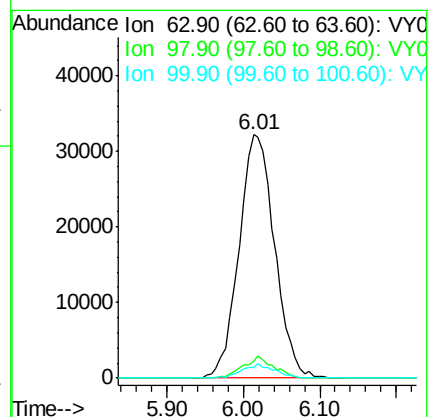
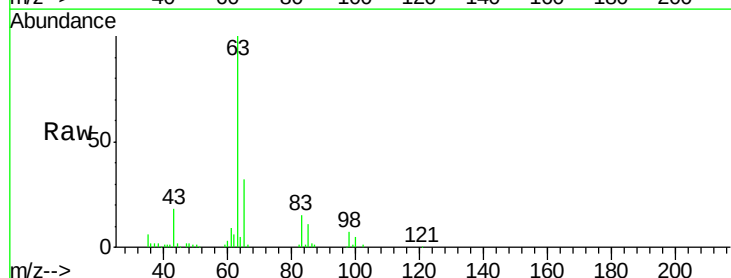
Tgt Ion: 63 Resp: 103860

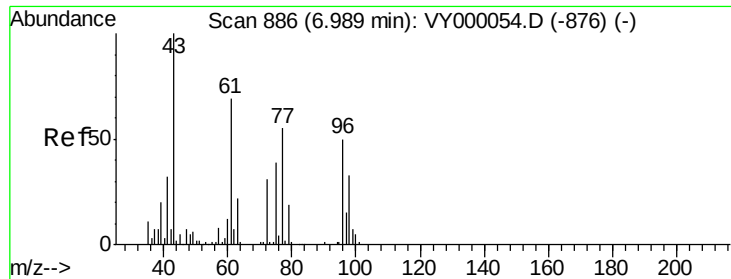
Ion Ratio Lower Upper

63 100

98 7.2 4.5 13.5

100 4.6 2.5 7.5





#25

2-Butanone

Concen: 247.551 ug/l

RT: 6.99 min Scan# 886

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 125809

Ion Ratio Lower Upper

43 100

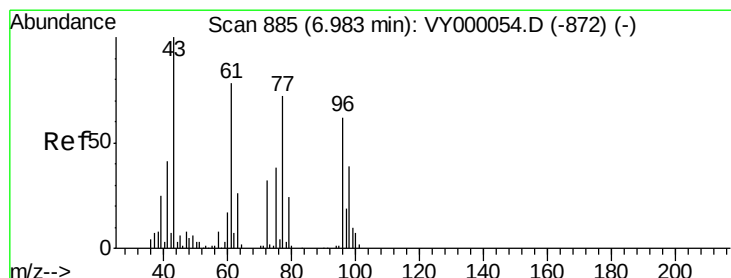
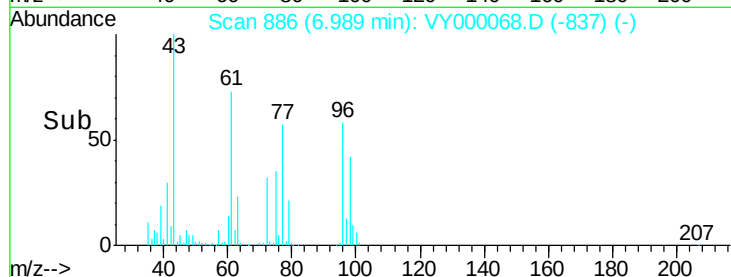
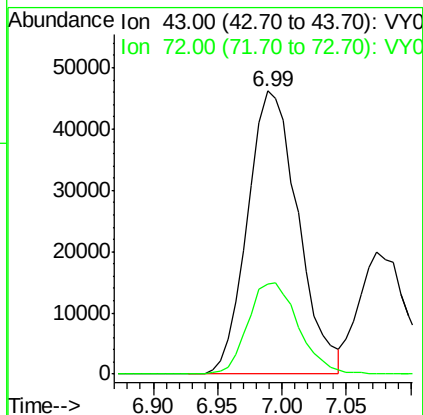
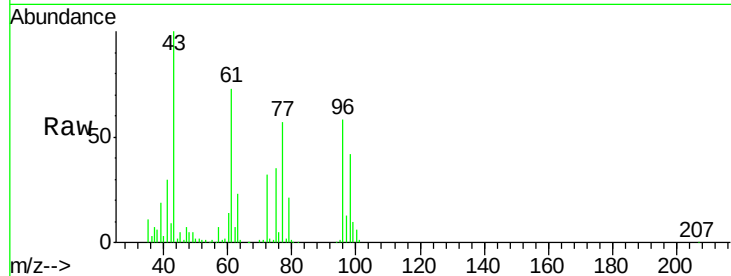
72 31.9 24.7 37.1

Manual Integrations

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9/20/2019 12:39:37 AM



#26

2,2-Dichloropropane

Concen: 44.486 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000068.D

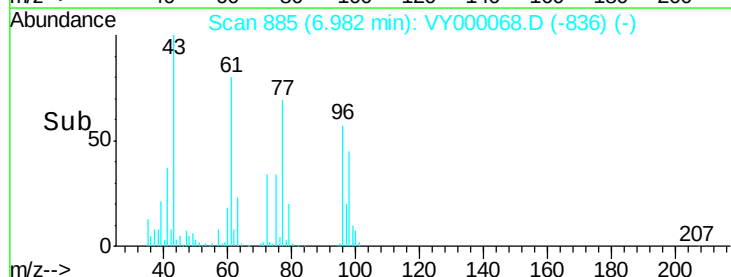
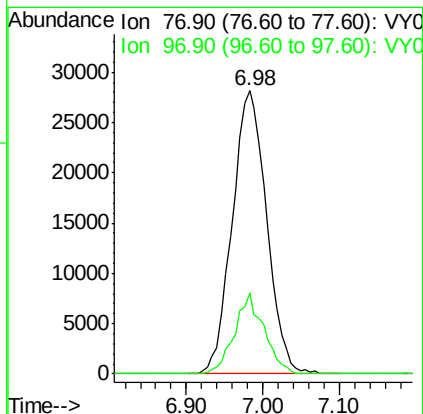
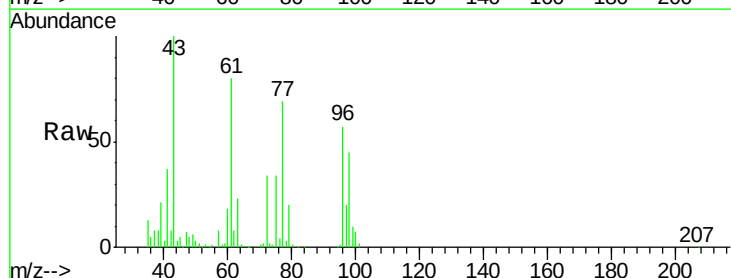
Acq: 18 Sep 2019 18:56

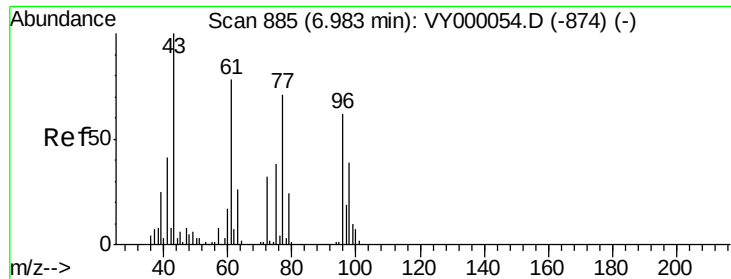
Tgt Ion: 77 Resp: 87696

Ion Ratio Lower Upper

77 100

97 24.6 12.5 37.5





#27

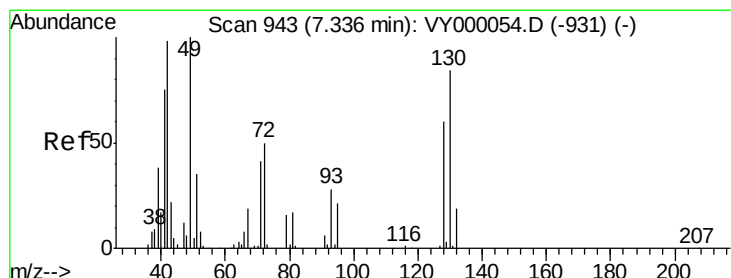
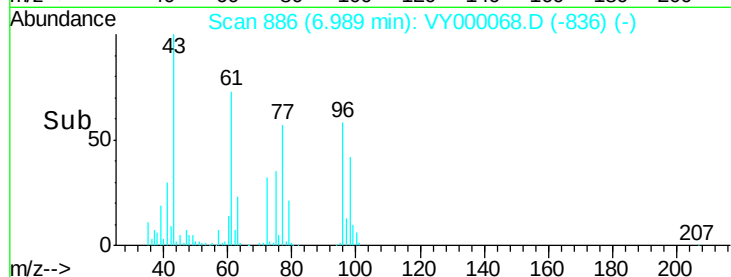
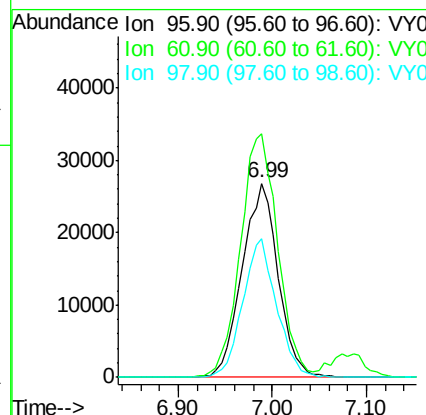
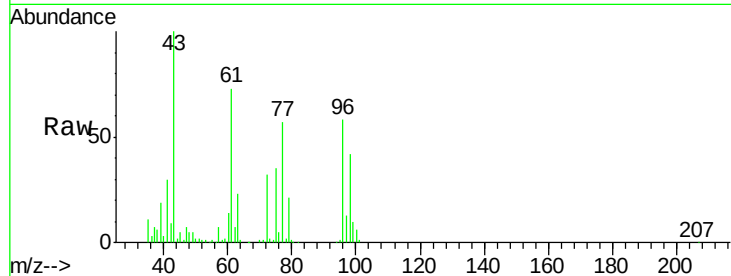
cis-1,2-Dichloroethene  
 Concen: 49.741 ug/l  
 RT: 6.99 min Scan# 886  
 Delta R.T. 0.01 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.1 | 0.0   | 263.0 |
| 98      | 66.9  | 0.0   | 130.2 |

Manual Integrations  
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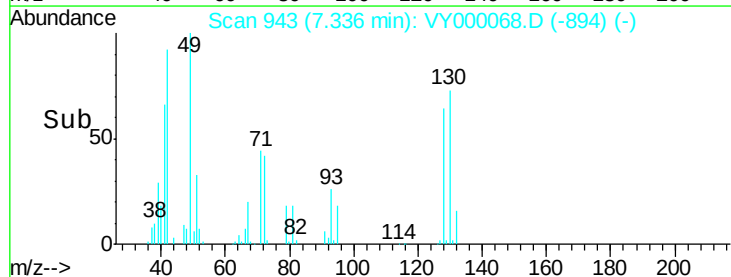
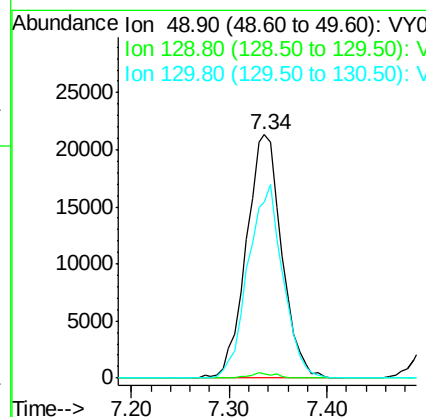
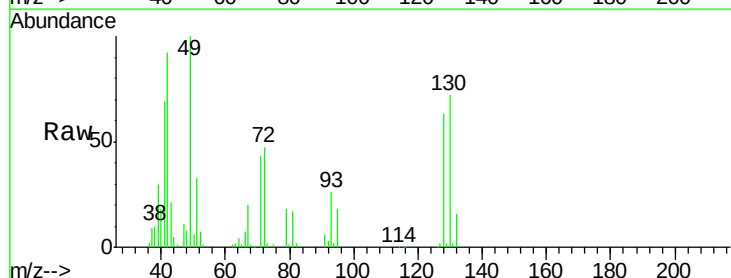
MMDadoda  
 9/20/2019 12:39:37 AM

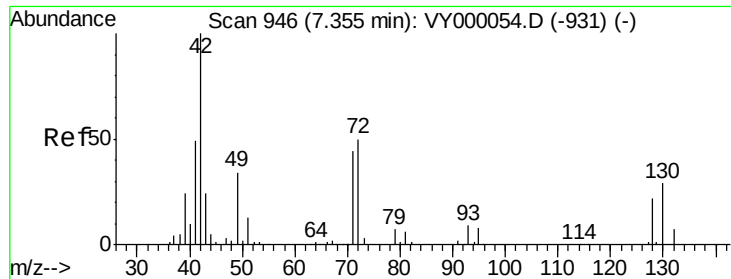


#28

Bromochloromethane  
 Concen: 55.462 ug/l  
 RT: 7.34 min Scan# 943  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.7   | 0.0   | 4.8   |
| 130     | 78.0  | 66.2  | 99.4  |





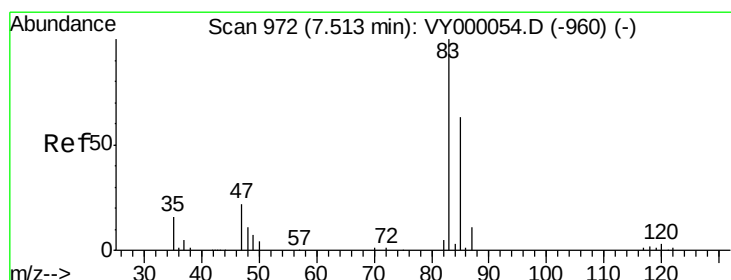
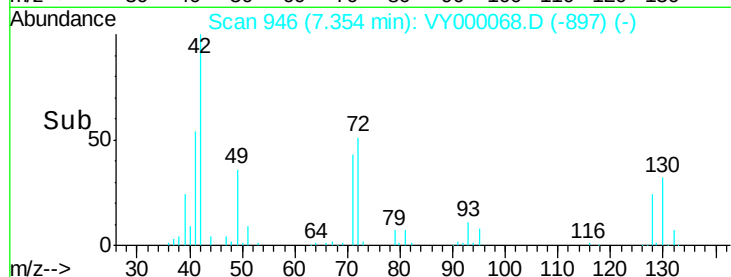
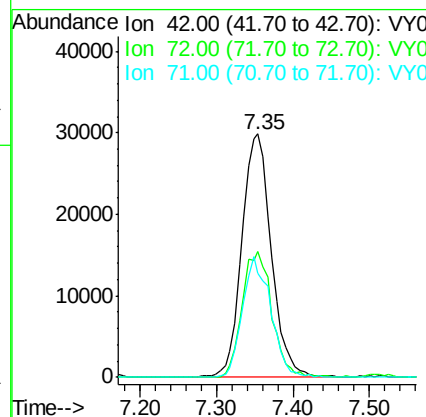
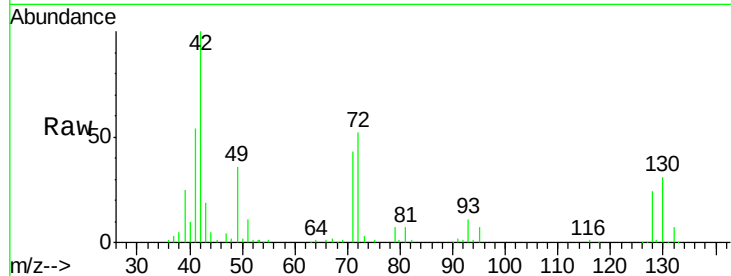
#29  
Tetrahydrofuran  
Concen: 260.795 ug/l  
RT: 7.35 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 52.4  | 41.8  | 62.6  |
| 71      | 47.4  | 38.6  | 58.0  |

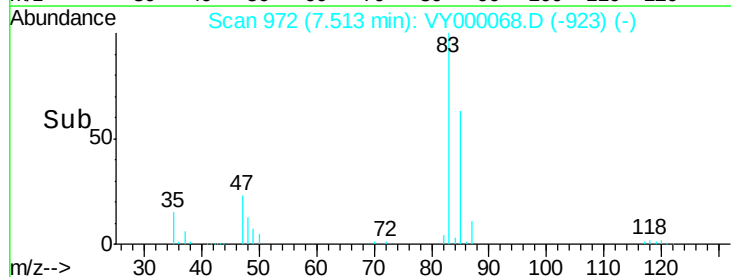
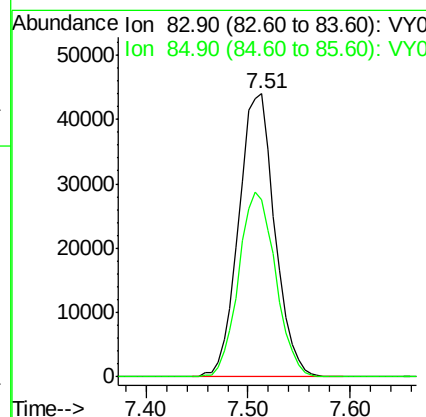
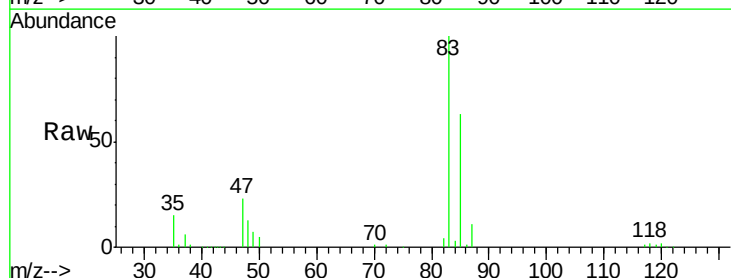
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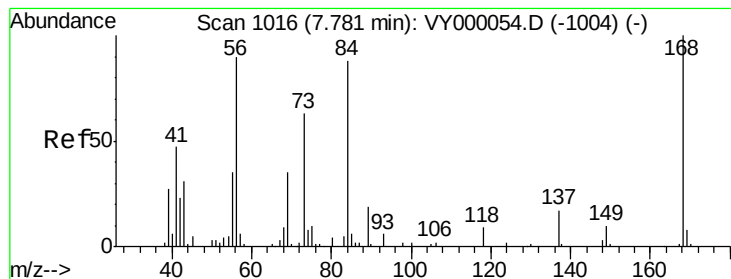
MMDadoda  
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#30  
Chloroform  
Concen: 50.081 ug/l  
RT: 7.51 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.6  | 50.6  | 76.0  |





#31

Cyclohexane

Concen: 50.148 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

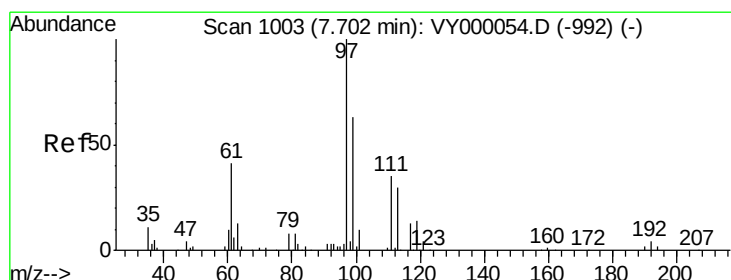
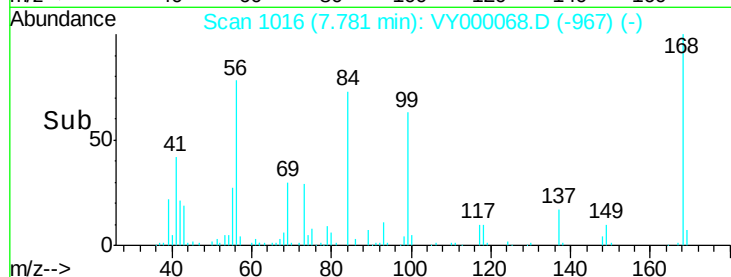
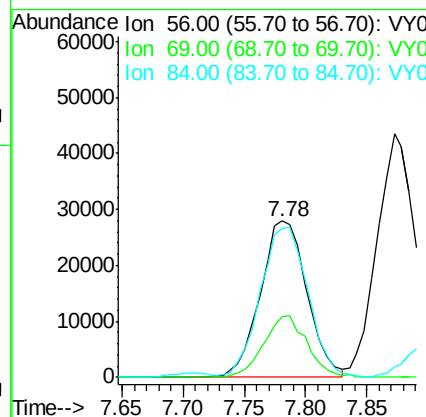
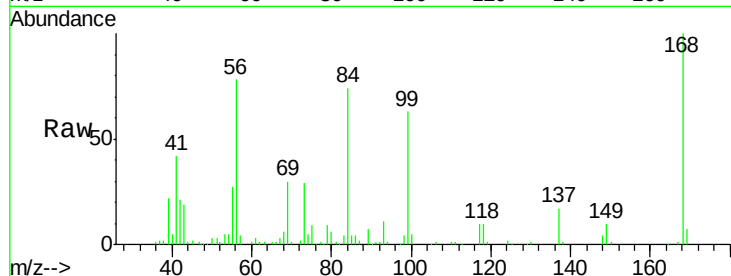
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 74312 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 38.5  | 30.9  | 46.3  |
| 84       | 92.6  | 78.5  | 117.7 |

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#32

1,1,1-Trichloroethane

Concen: 49.134 ug/l

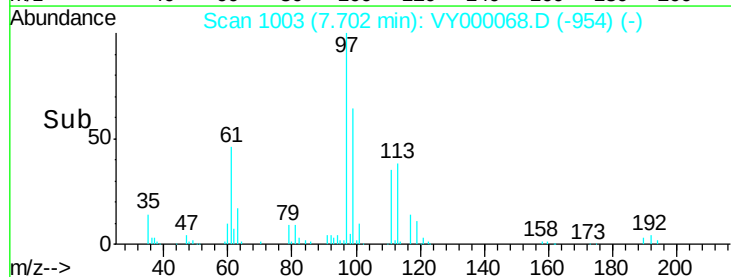
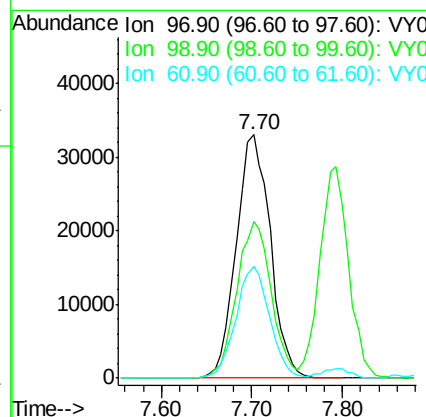
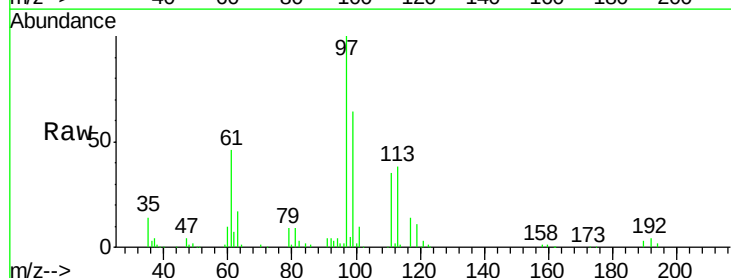
RT: 7.70 min Scan# 1003

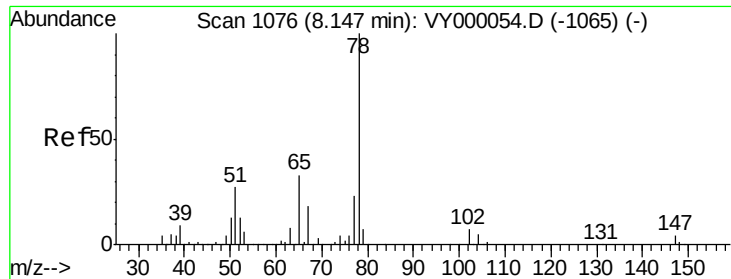
Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 86028 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.4  | 51.8  | 77.6  |
| 61       | 45.7  | 34.3  | 51.5  |





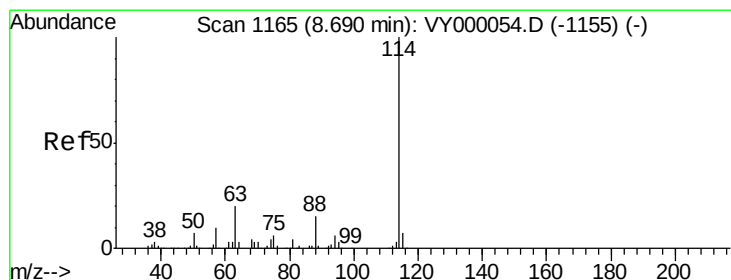
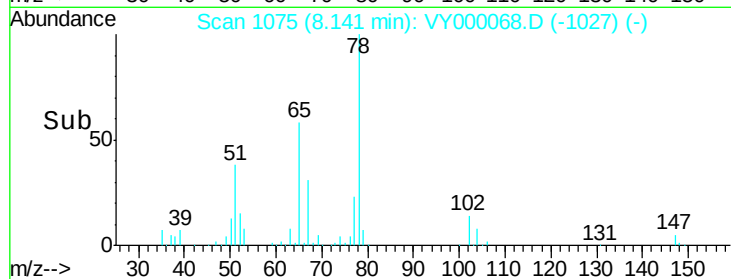
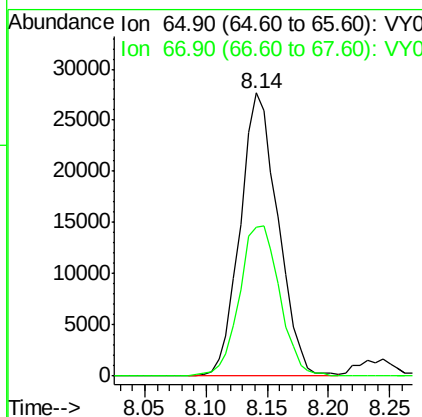
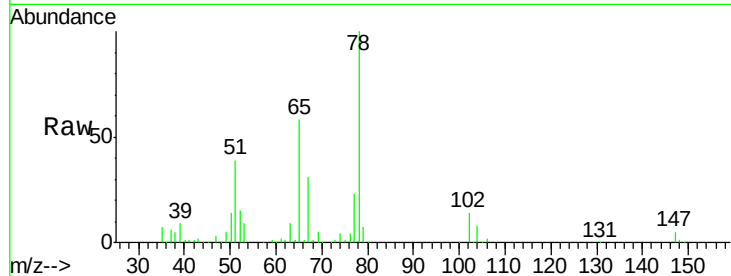
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.322 ug/l  
 RT: 8.14 min Scan# 1075  
 Delta R.T. -0.01 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 56.4  | 0.0  | 111.0 |       |

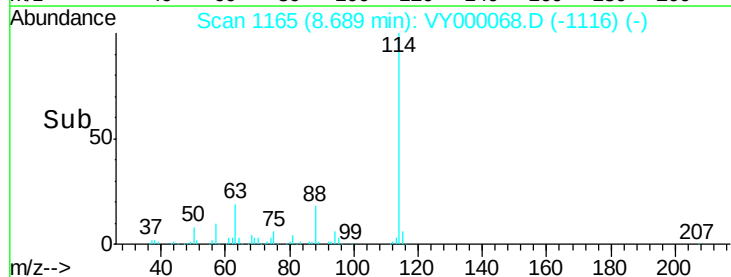
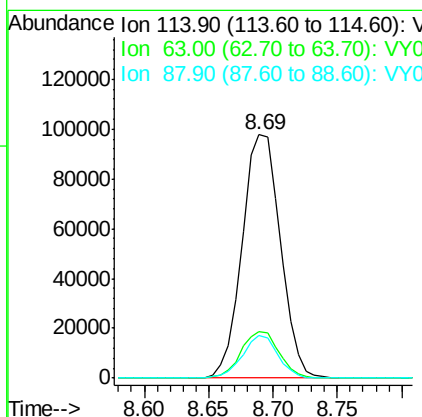
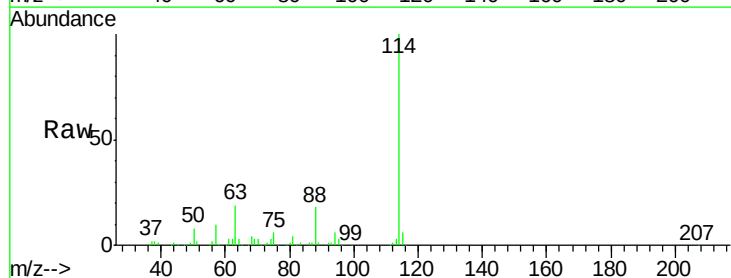
Manual Integrations  
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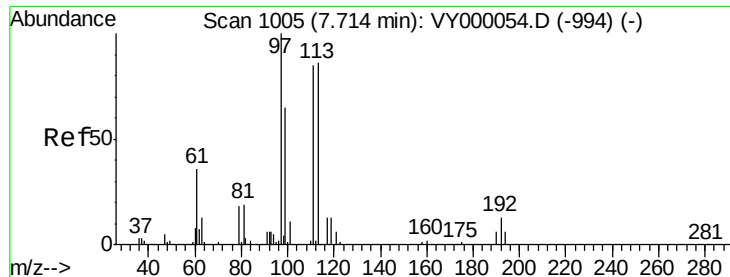
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 9/20/2019 12:39:37 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1165  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 19.0  | 0.0  | 39.4  |       |
| 88      | 17.5  | 0.0  | 30.2  |       |





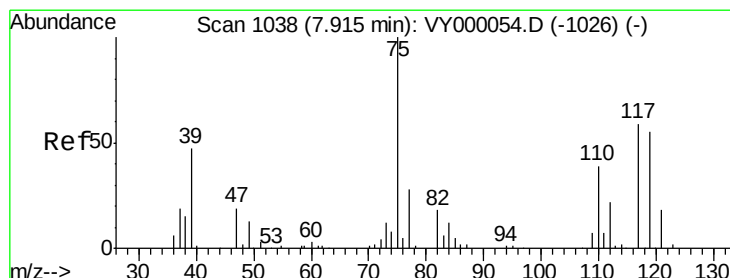
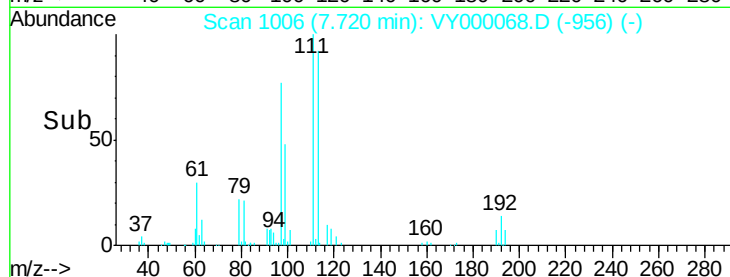
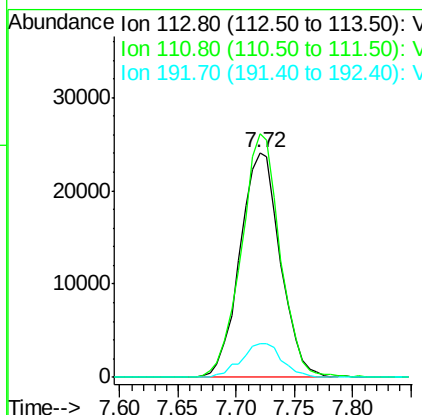
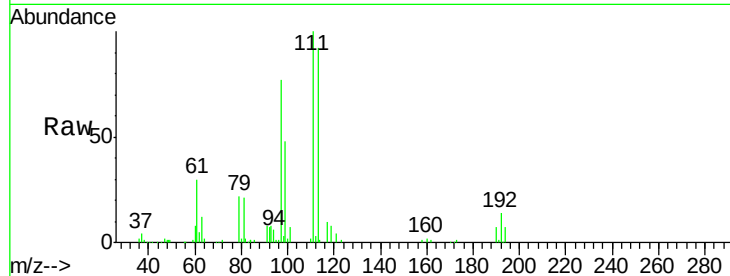
#35  
Dibromofluoromethane  
Concen: 47.661 ug/l  
RT: 7.72 min Scan# 1006  
Delta R.T. 0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.4 | 81.7  | 122.5 |
| 192     | 15.4  | 13.4  | 20.2  |

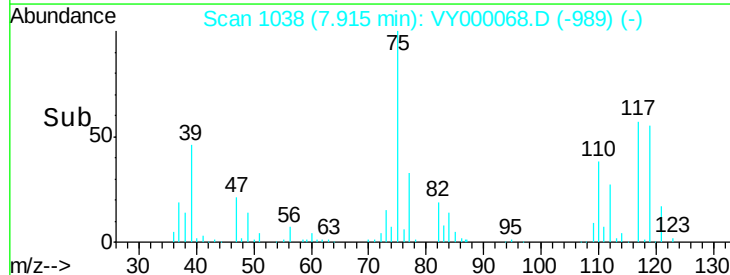
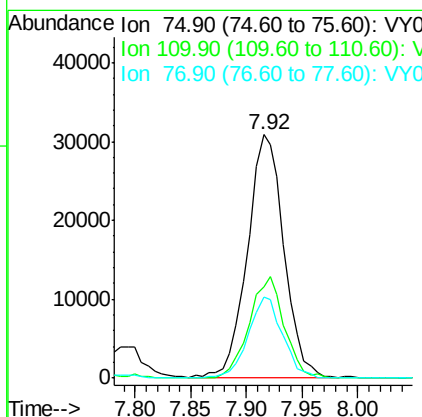
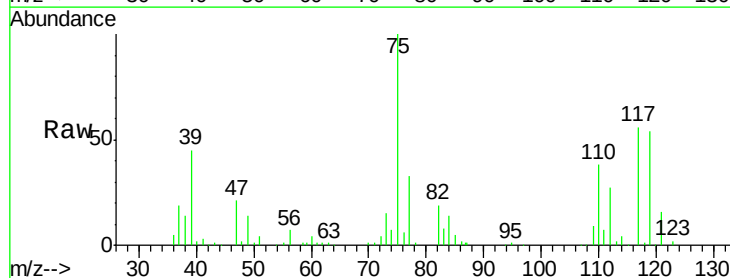
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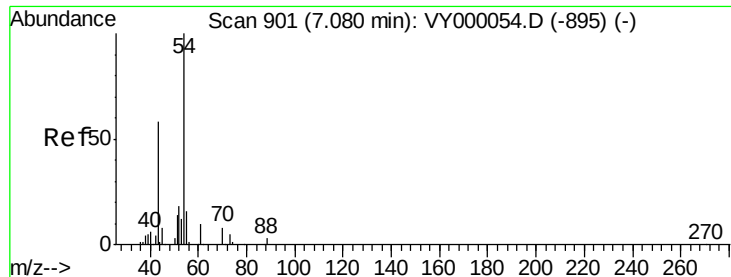
MMDadoda  
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#36  
1,1-Dichloropropene  
Concen: 47.114 ug/l  
RT: 7.92 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 39.8  | 19.6  | 58.7  |
| 77      | 31.3  | 24.3  | 36.5  |





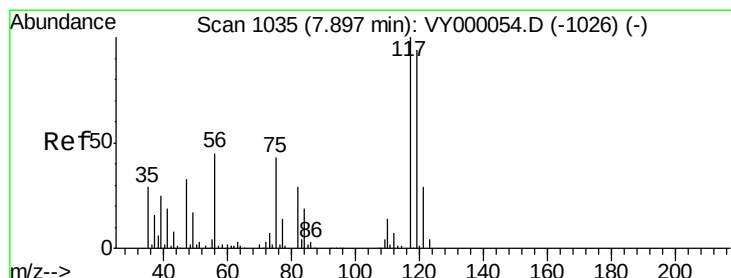
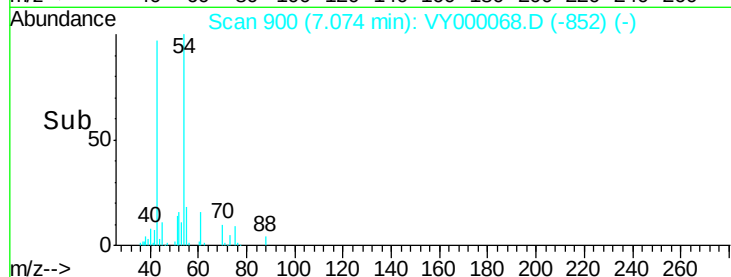
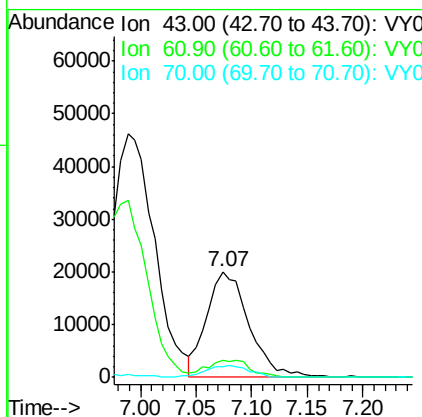
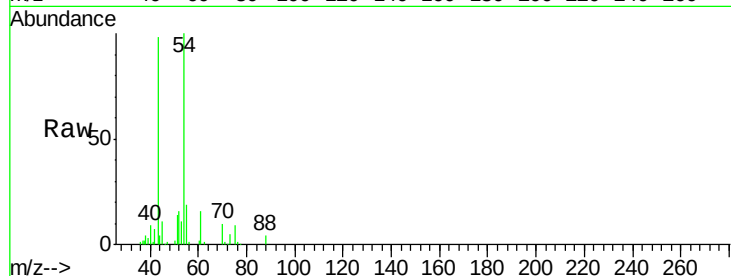
#37  
Ethyl Acetate  
Concen: 52.643 ug/l  
RT: 7.07 min Scan# 900  
Delta R.T. -0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.6  | 14.1  | 21.1  |
| 70      | 12.1  | 10.6  | 15.8  |

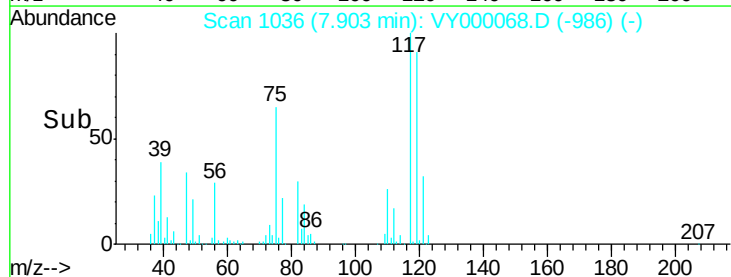
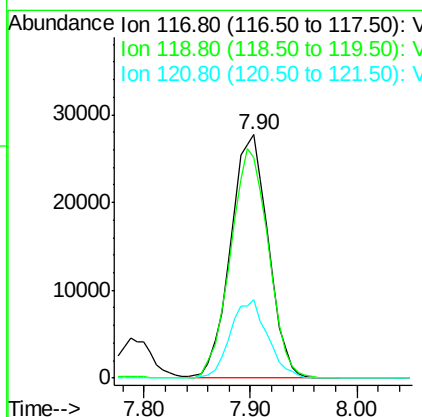
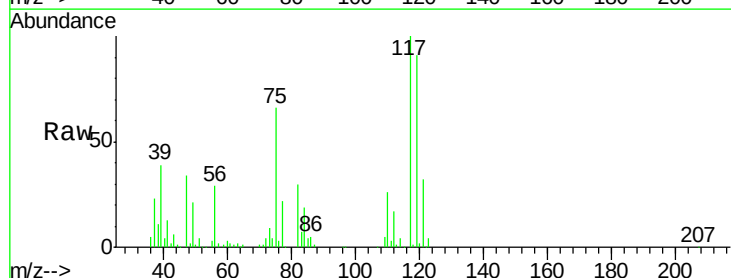
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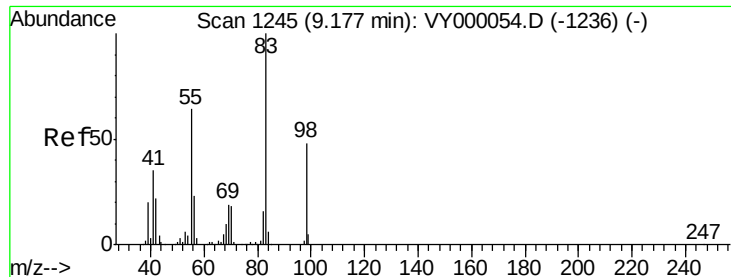


#38  
Carbon Tetrachloride  
Concen: 48.661 ug/l  
RT: 7.90 min Scan# 1036  
Delta R.T. 0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.8  | 75.0  | 112.6 |
| 121     | 32.0  | 22.8  | 34.2  |







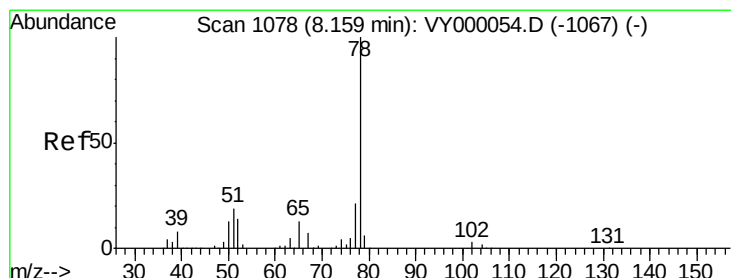
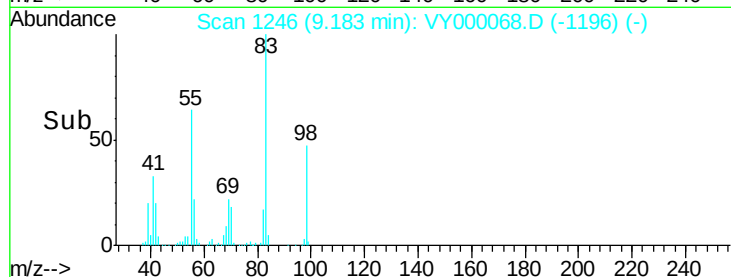
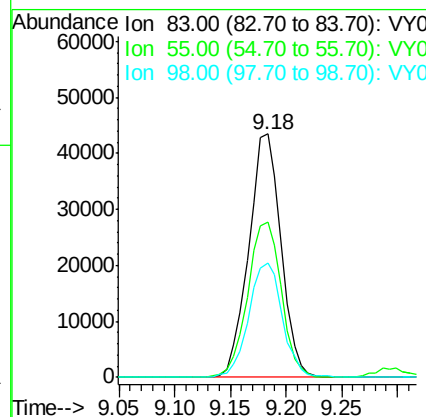
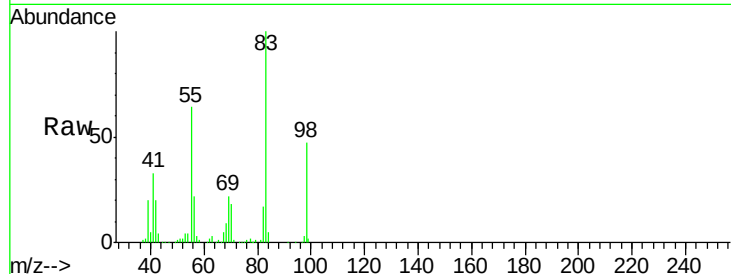
#39  
Methylvlcyclohexane  
Concen: 47.593 ug/l  
RT: 9.18 min Scan# 1246  
Delta R.T. 0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 63.9  | 51.0  | 76.6  |
| 98      | 47.1  | 38.5  | 57.7  |

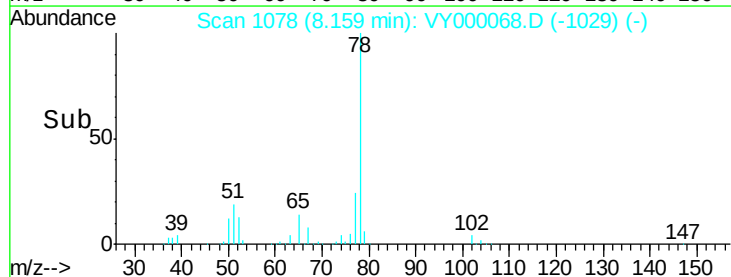
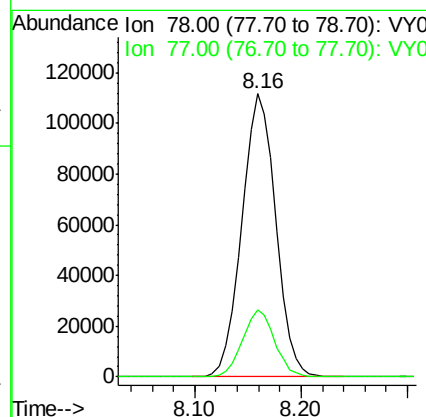
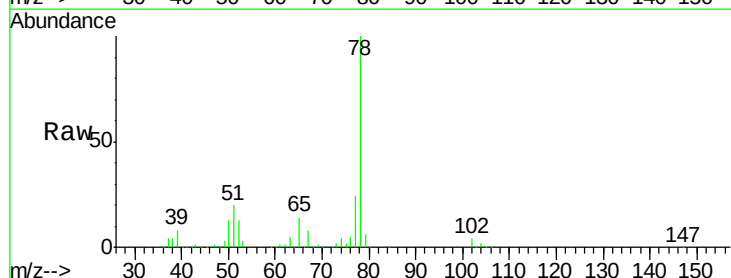
Manual Integrations  
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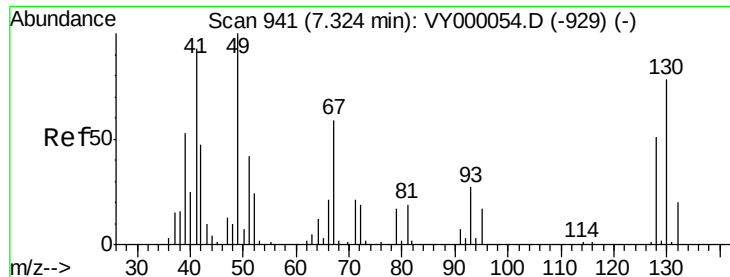
MMDadoda  
9/20/2019 12:39:37 AM



#40  
Benzene  
Concen: 50.260 ug/l  
RT: 8.16 min Scan# 1078  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 16.8  | 25.2  |





#41

Methacrylonitrile

Concen: 31.100 ug/l m

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 21748

Ion Ratio Lower Upper

41 100

39 0.0 91.8 137.6#

67 0.0 0.0 0.0

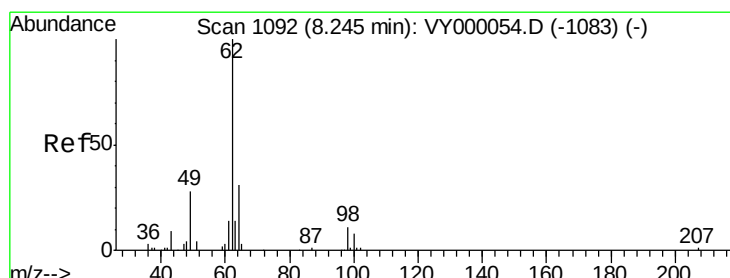
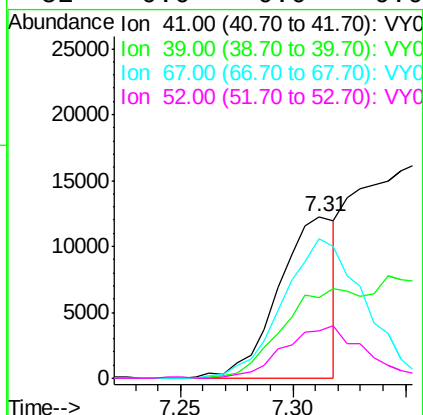
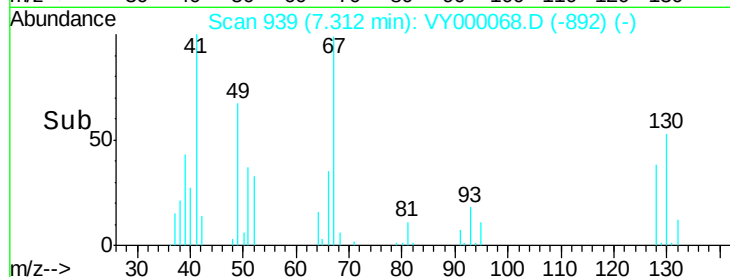
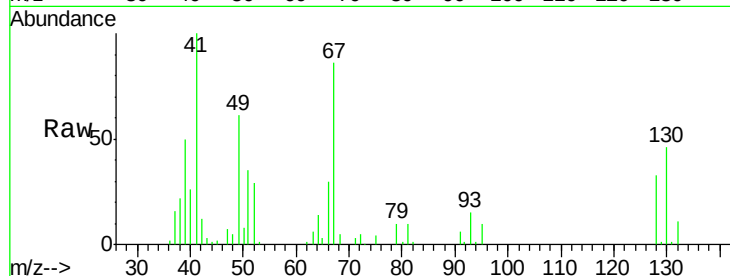
52 0.0 0.0 0.0

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 50.270 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VY000068.D

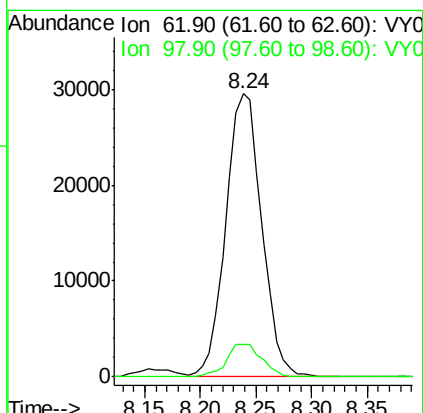
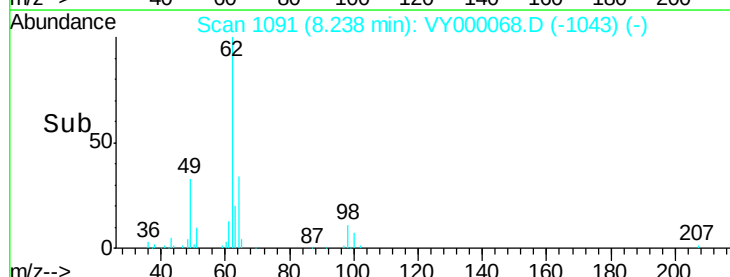
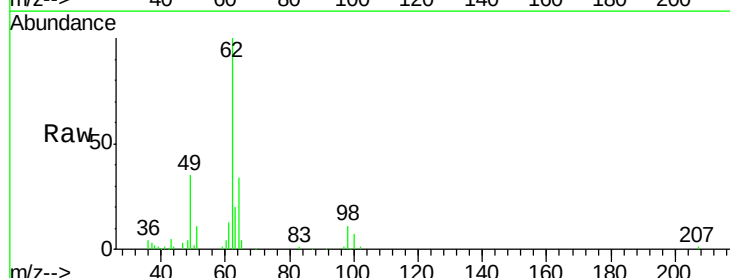
Acq: 18 Sep 2019 18:56

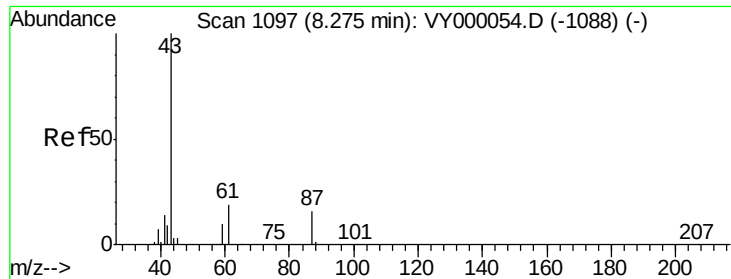
Tgt Ion: 62 Resp: 66069

Ion Ratio Lower Upper

62 100

98 11.4 0.0 23.6





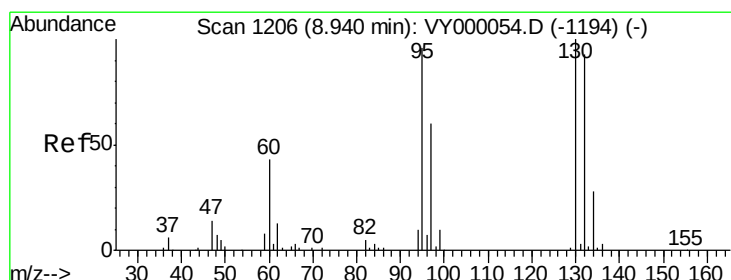
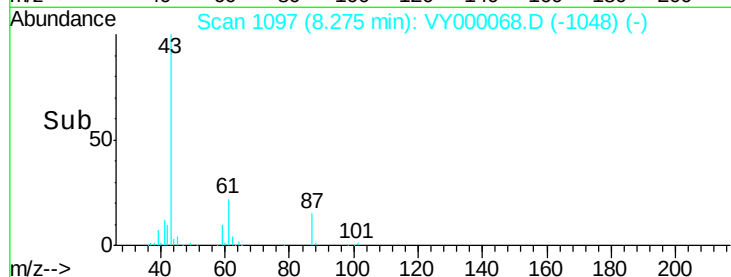
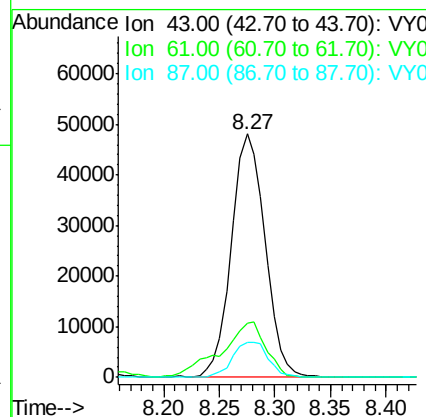
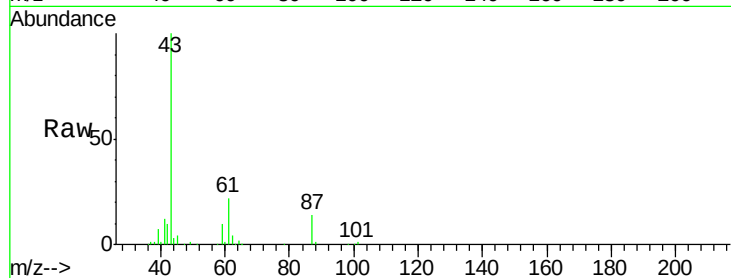
#43  
Isopropyl Acetate  
Concen: 51.650 ug/l  
RT: 8.27 min Scan# 1097  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 101151 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 30.7  | 25.0  | 37.6   |
| 87       | 15.4  | 12.4  | 18.6   |

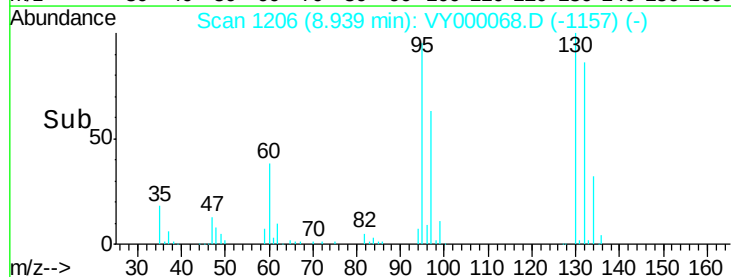
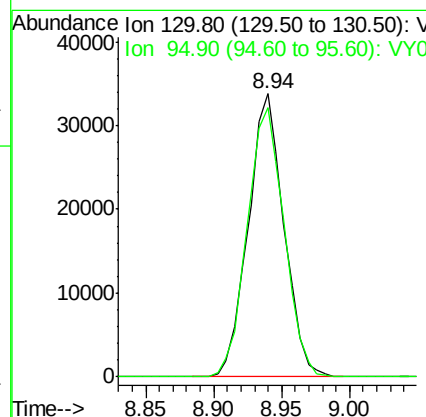
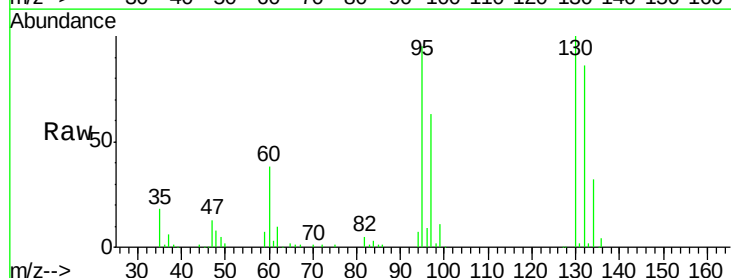
Manual Integrations  
APPROVED

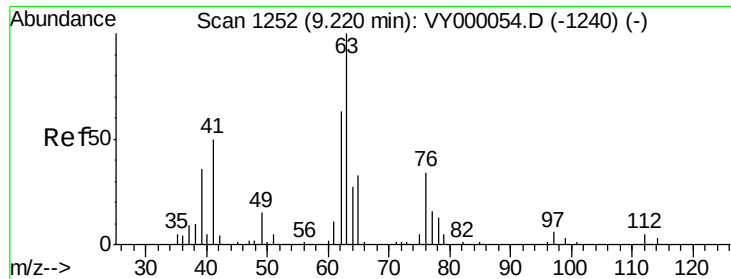
MMDadoda  
9/20/2019 12:39:37 AM



#44  
Trichloroethene  
Concen: 49.025 ug/l  
RT: 8.94 min Scan# 1206  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 62143 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 95.3  | 0.0   | 192.0 |





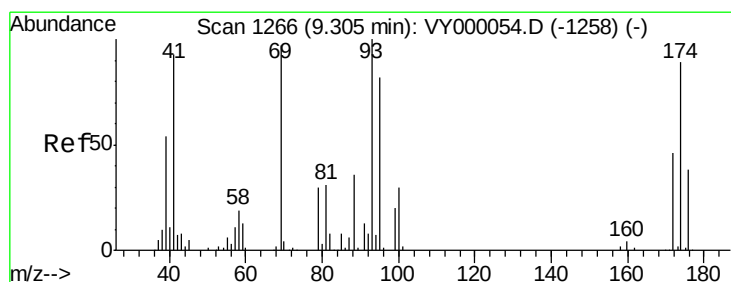
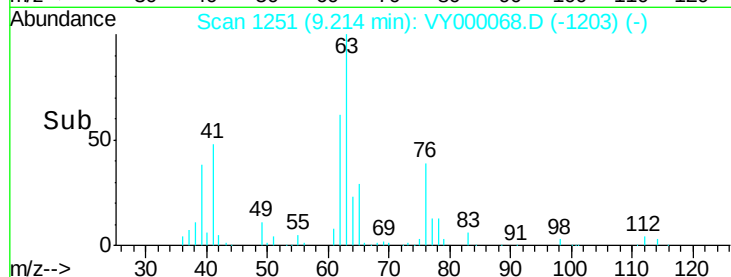
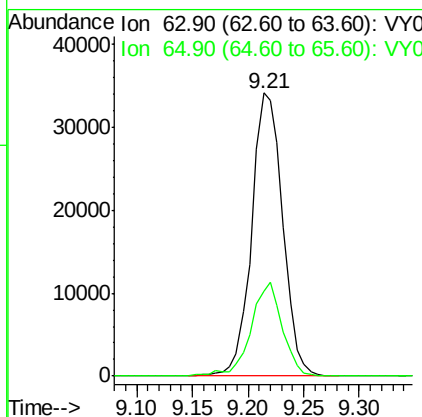
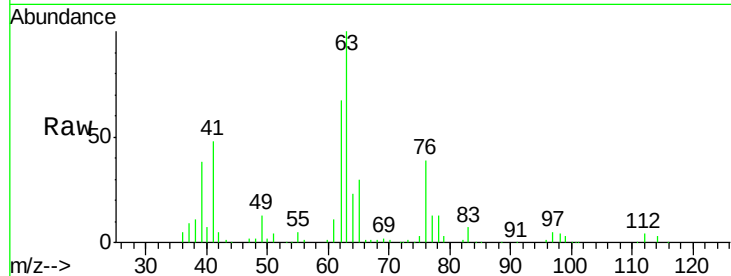
#45  
 1,2-Dichloropropane  
 Concen: 51.492 ug/l  
 RT: 9.21 min Scan# 1251  
 Delta R.T. -0.01 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 63 Resp: 66184  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 26.2 39.4

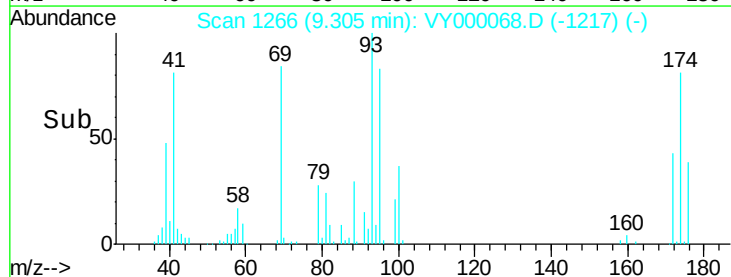
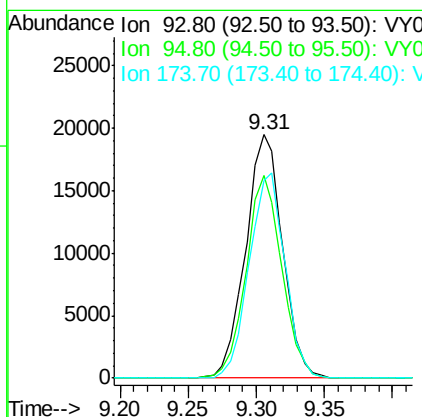
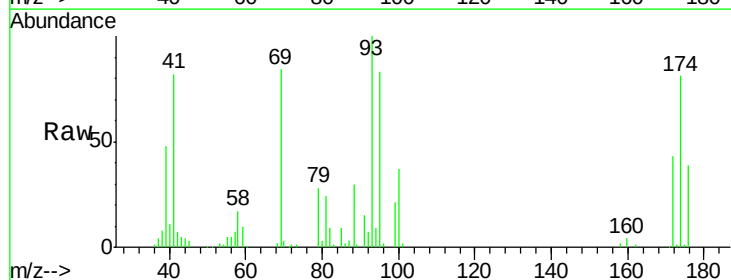
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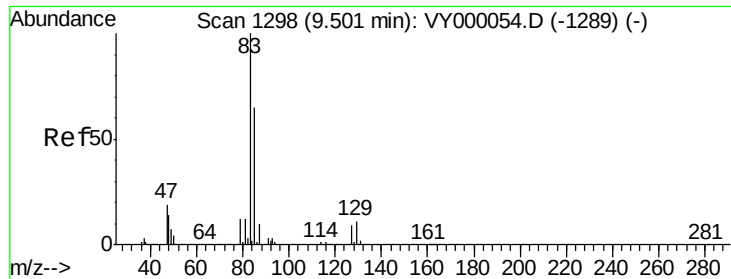
MMDadoda  
 9/20/2019 12:39:37 AM



#46  
 Dibromomethane  
 Concen: 52.702 ug/l  
 RT: 9.31 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Tgt Ion: 93 Resp: 37000  
 Ion Ratio Lower Upper  
 93 100  
 95 80.8 68.1 102.1  
 174 81.7 67.8 101.6





#47

Bromodichloromethane

Concen: 53.590 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. -0.01 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

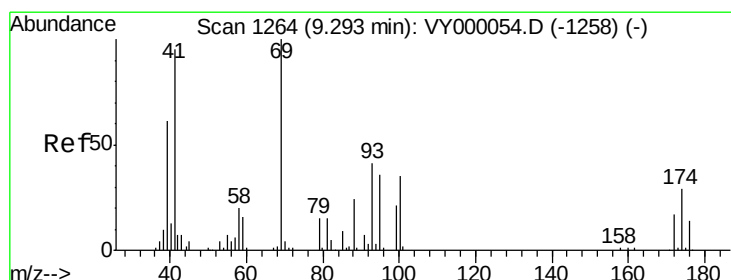
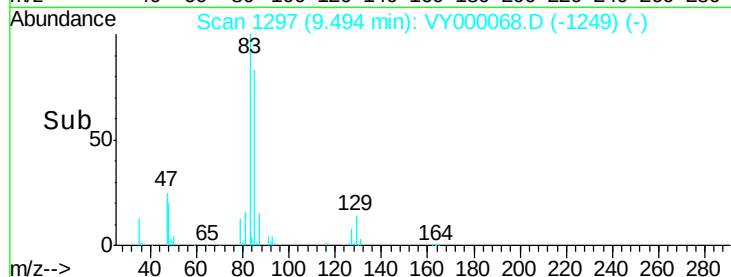
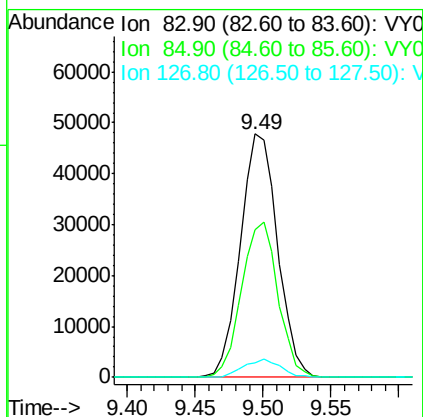
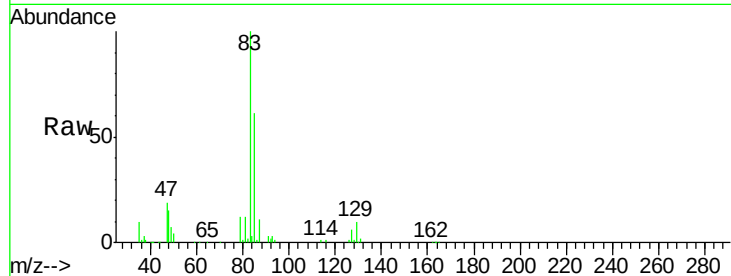
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 91296 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 60.7  | 52.3  | 78.5  |
| 127       | 6.0   | 6.8   | 10.2# |

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9/20/2019 12:39:37 AM



#48

Methyl methacrylate

Concen: 52.853 ug/l

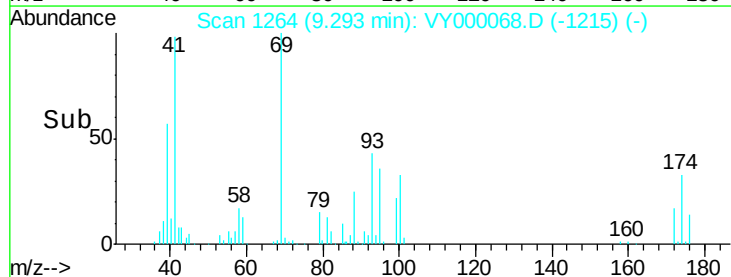
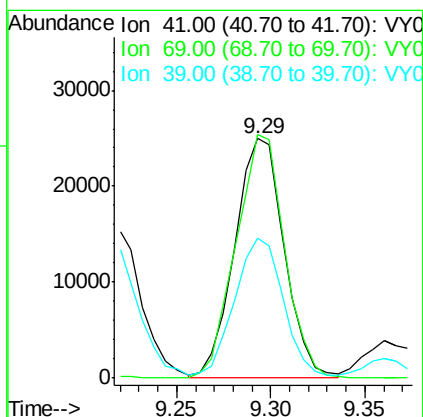
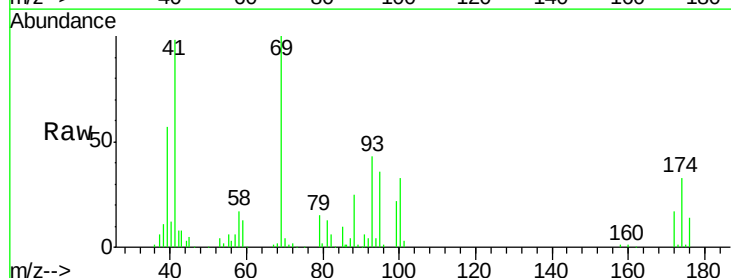
RT: 9.29 min Scan# 1264

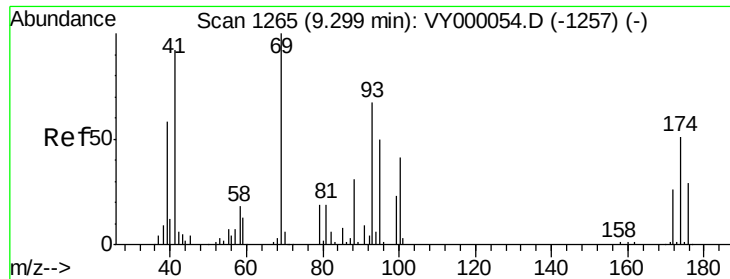
Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 45521 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 99.5  | 78.1  | 117.1 |
| 39        | 58.0  | 49.4  | 74.0  |





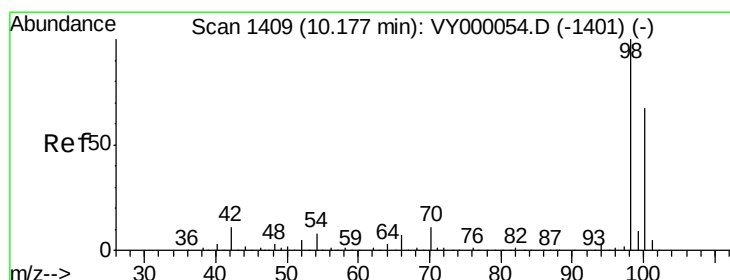
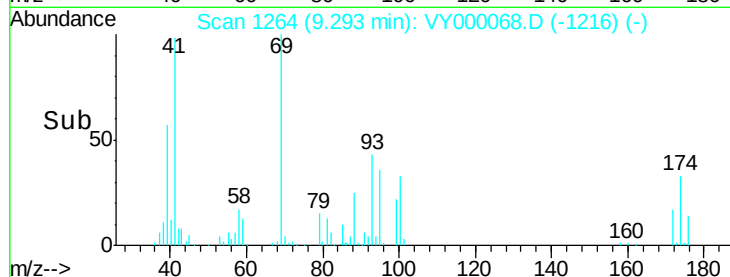
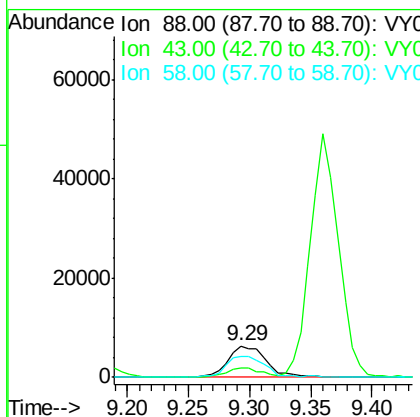
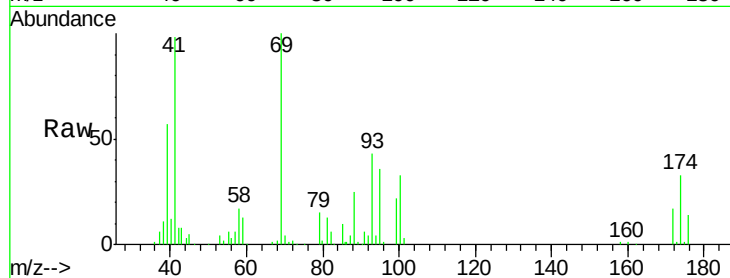
#49  
1,4-Dioxane  
Concen: 1010.358 ug/l  
RT: 9.29 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 13772 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 28.2  | 18.7  | 28.1# |
| 58      | 67.9  | 53.0  | 79.6  |

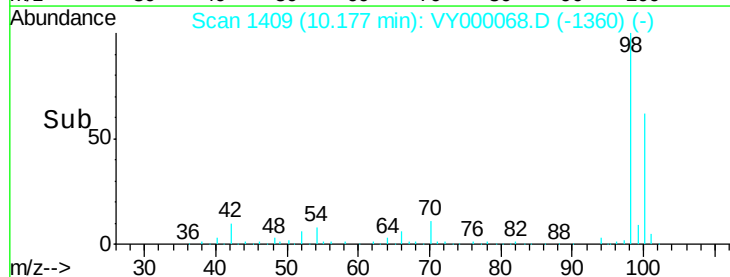
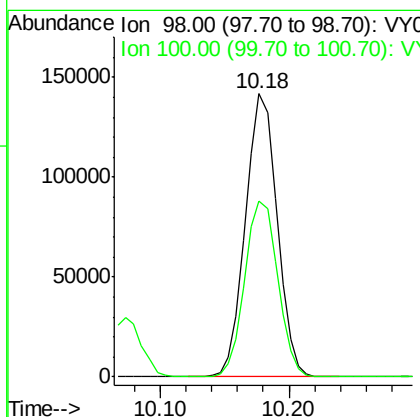
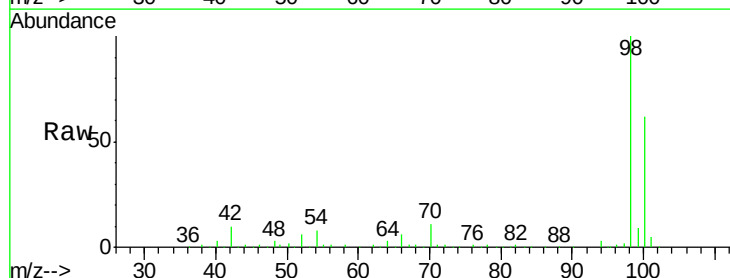
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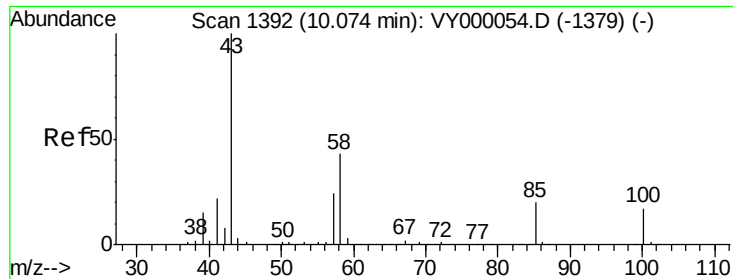
MMDadoda  
9/20/2019 12:39:37 AM



#50  
Toluene-d8  
Concen: 50.476 ug/l  
RT: 10.18 min Scan# 1409  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | 98    | Resp  | 241168 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 64.6  | 53.1  | 79.7   |





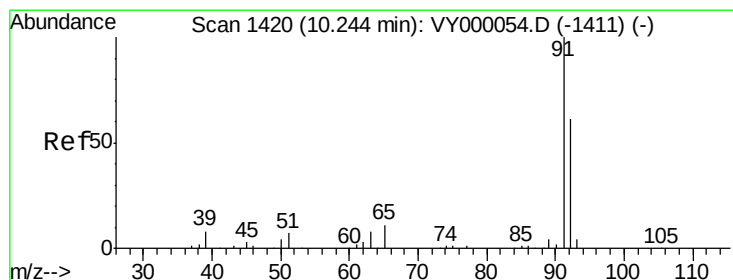
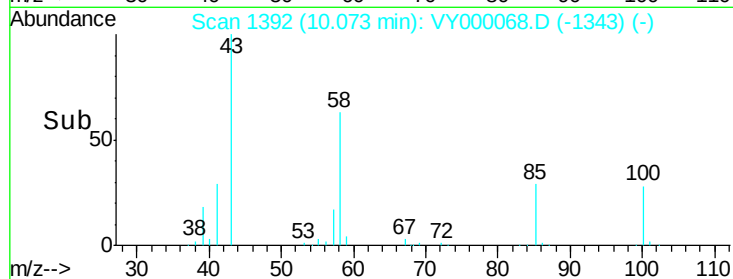
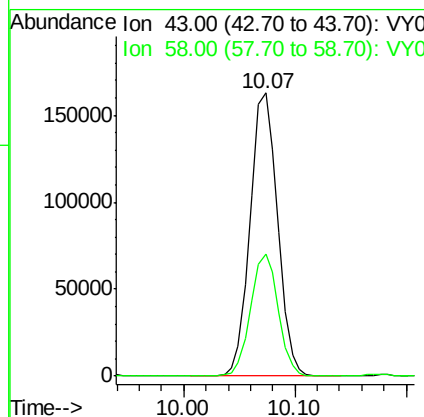
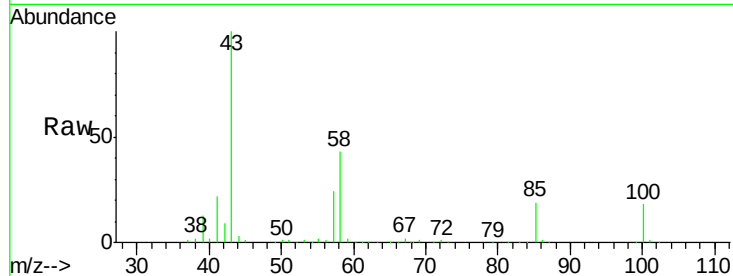
#51  
4-Methyl-2-Pentanone  
Concen: 262.700 ug/l  
RT: 10.07 min Scan# 1392  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 43  | 58   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 280892  | 100 | 43.1 |       | 34.2  | 51.2  |

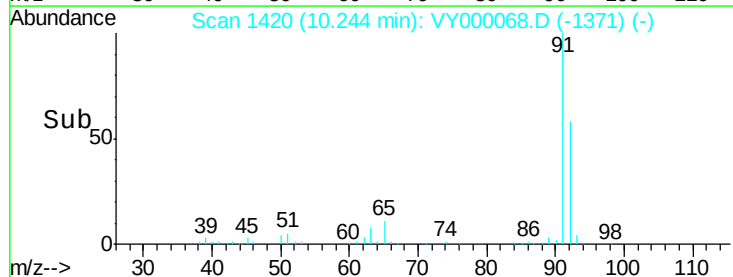
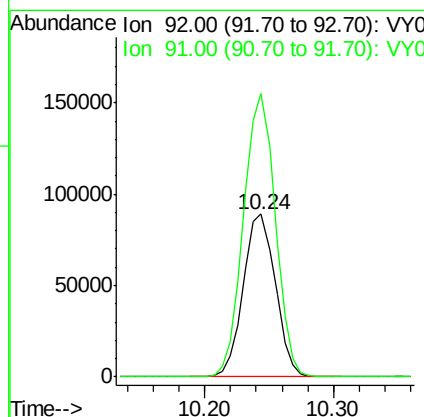
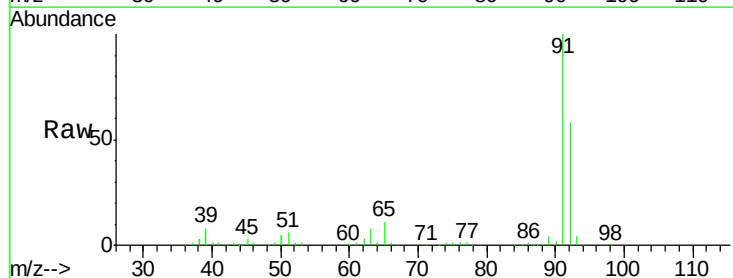
Manual Integrations  
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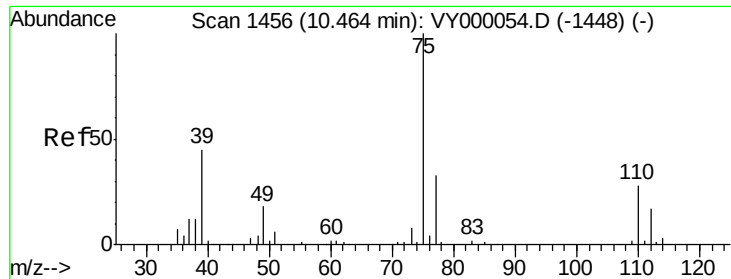
MMDadoda  
9/20/2019 12:39:37 AM



#52  
Toluene  
Concen: 48.739 ug/l  
RT: 10.24 min Scan# 1420  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | 92  | 91    | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 153643  | 100 | 171.9 |       | 135.8 | 203.6 |





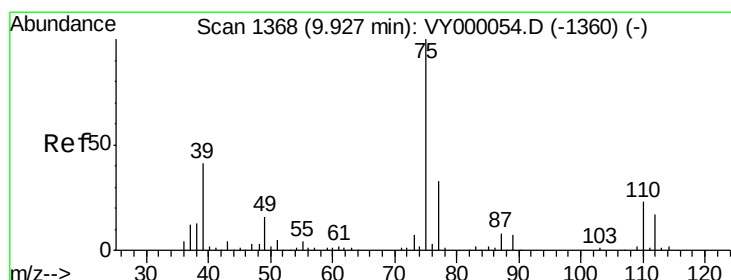
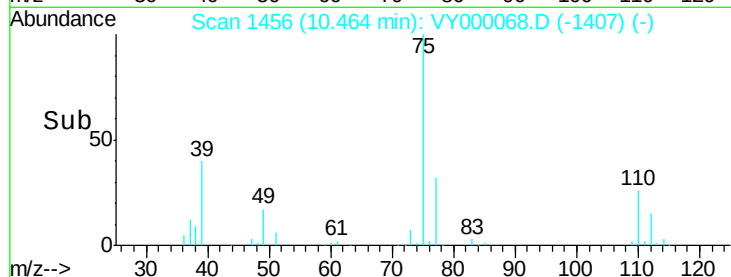
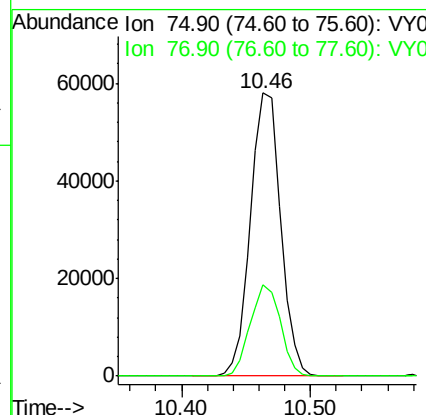
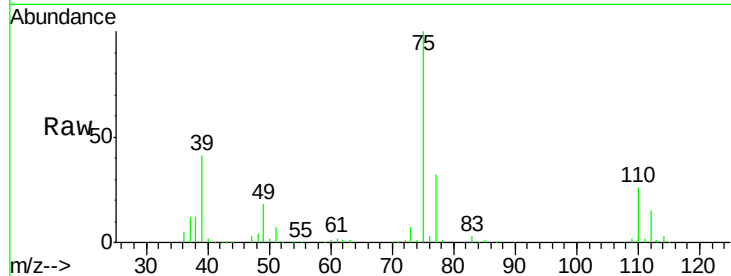
#53  
 t-1,3-Dichloropropene  
 Concen: 51.913 ug/l  
 RT: 10.46 min Scan# 1456  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 75      | 75  | 100   |       |       |
| 77      | 77  | 32.4  | 26.2  | 39.2  |

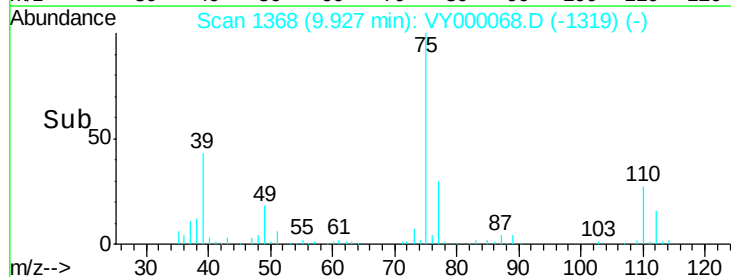
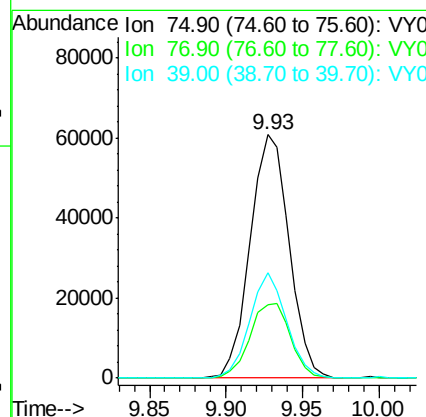
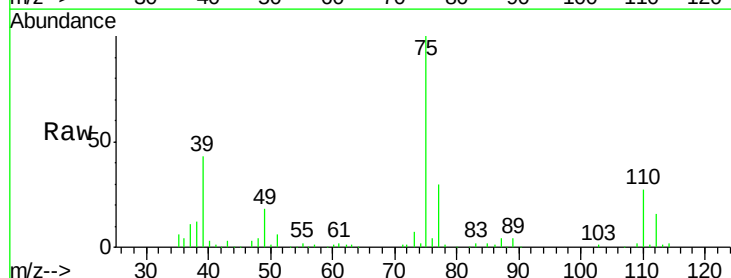
Manual Integrations  
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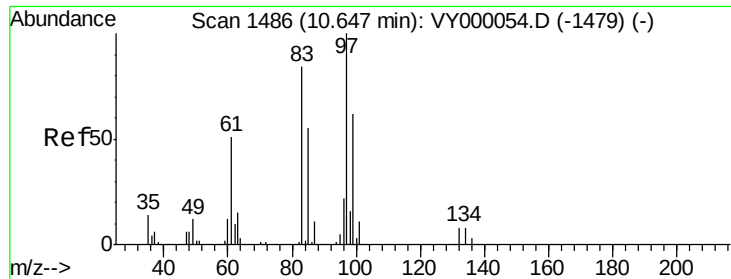


#54  
 cis-1,3-Dichloropropene  
 Concen: 51.794 ug/l  
 RT: 9.93 min Scan# 1368  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 75      | 75  | 100   |       |       |
| 77      | 77  | 30.4  | 26.1  | 39.1  |
| 39      | 39  | 43.3  | 33.1  | 49.7  |







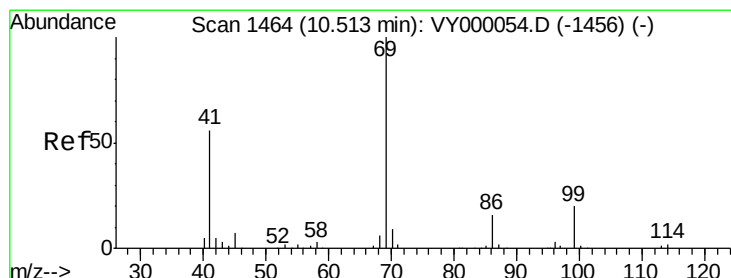
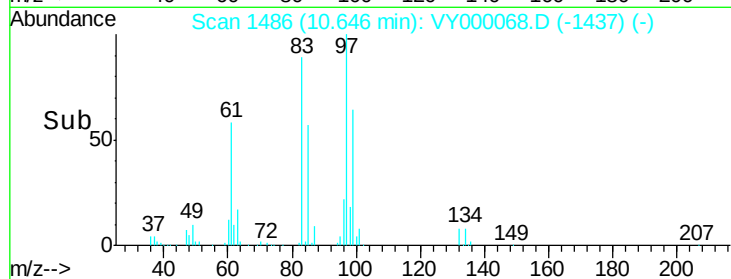
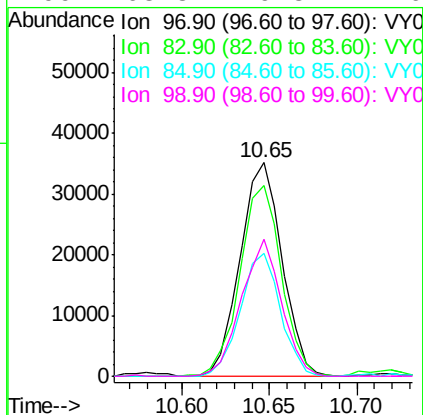
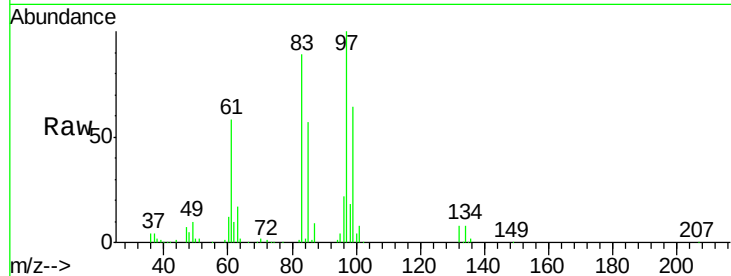
#55  
 1,1,2-Trichloroethane  
 Concen: 53.187 ug/l  
 RT: 10.65 min Scan# 1486  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 58541 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.3  | 67.3  | 100.9 |
| 85       | 57.4  | 43.6  | 65.4  |
| 99       | 63.8  | 49.8  | 74.6  |

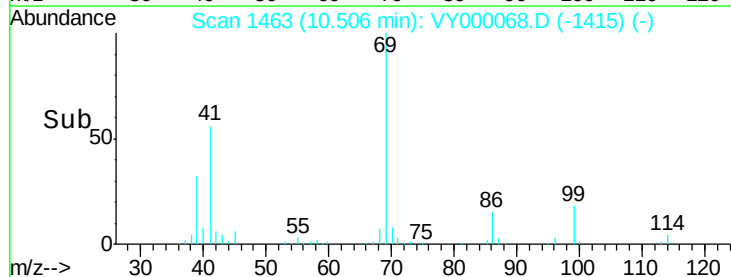
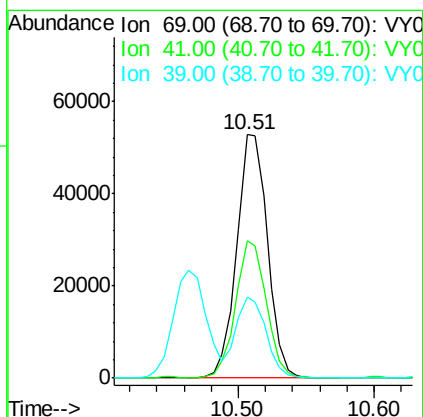
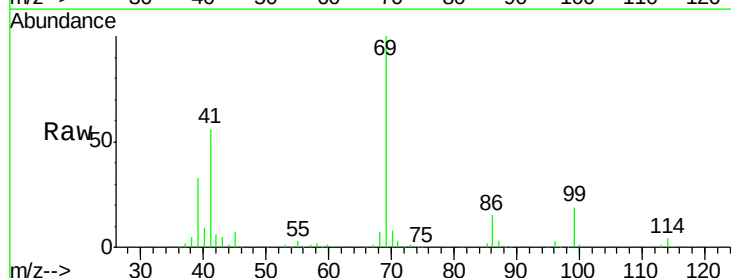
Manual Integrations  
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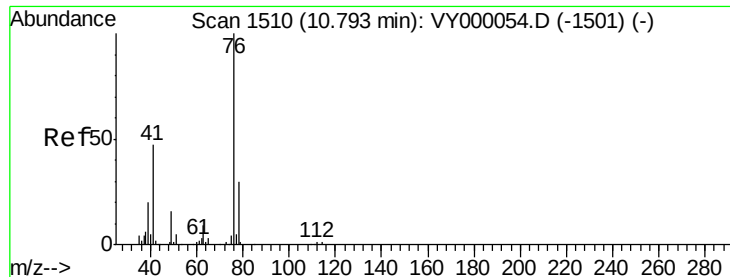
MMDadoda  
 9/20/2019 12:39:37 AM



#56  
 Ethyl methacrylate  
 Concen: 53.252 ug/l  
 RT: 10.51 min Scan# 1463  
 Delta R.T. -0.01 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 83404 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.3  | 45.6  | 68.4  |
| 39       | 32.8  | 27.3  | 40.9  |





#57

1,3-Dichloropropane

Concen: 52.869 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 97751

Ion Ratio Lower Upper

76 100

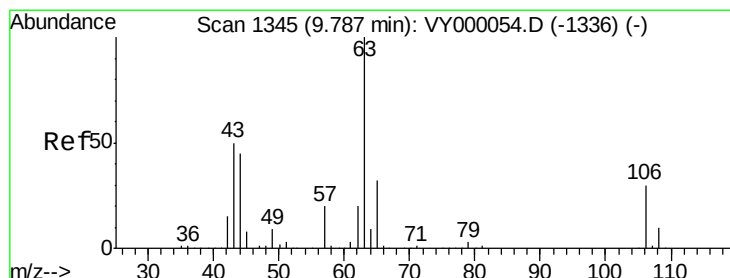
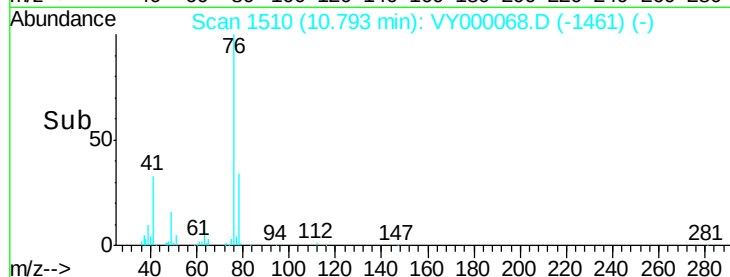
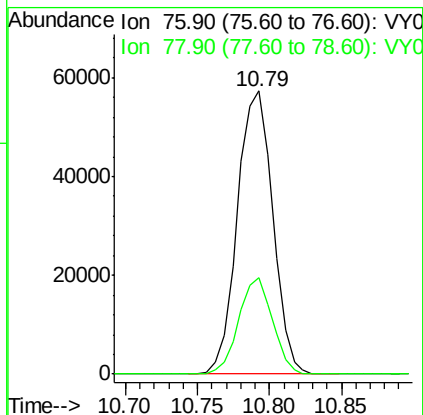
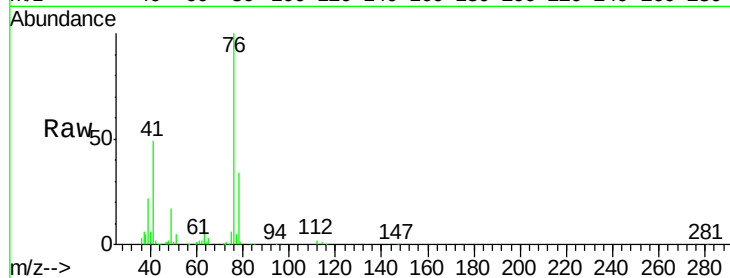
78 32.5 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 267.813 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000068.D

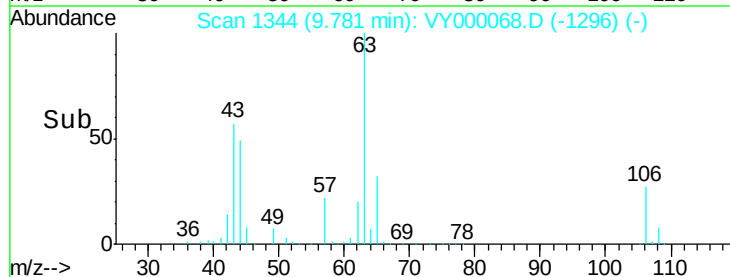
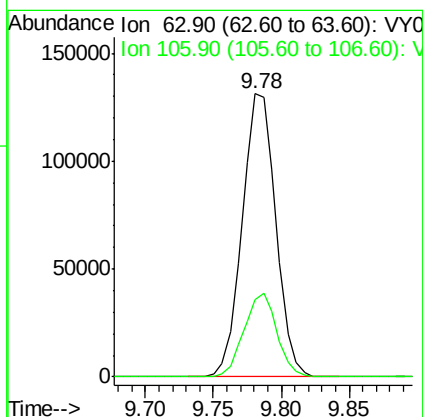
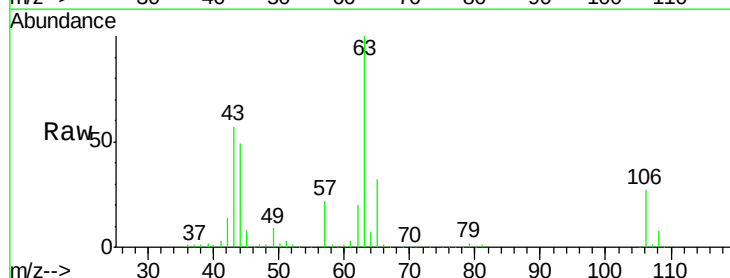
Acq: 18 Sep 2019 18:56

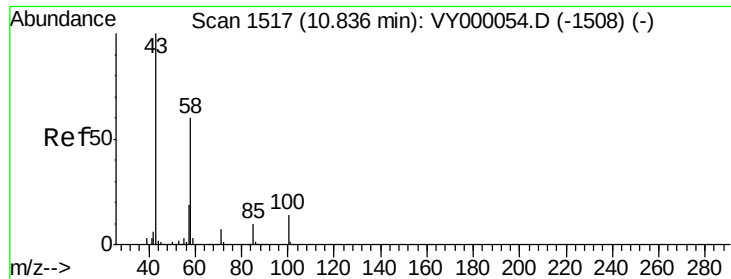
Tgt Ion: 63 Resp: 226746

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9





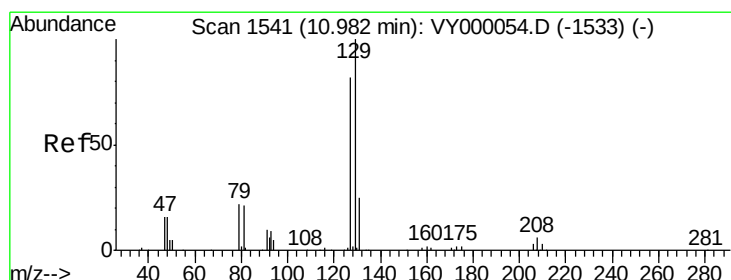
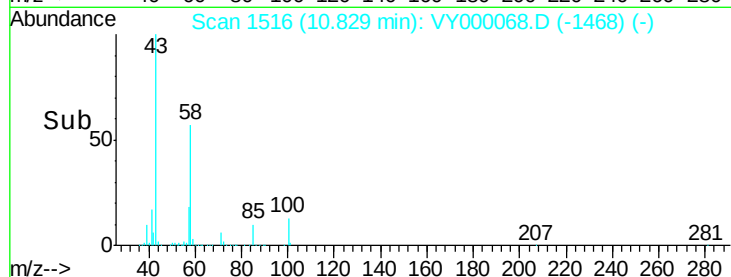
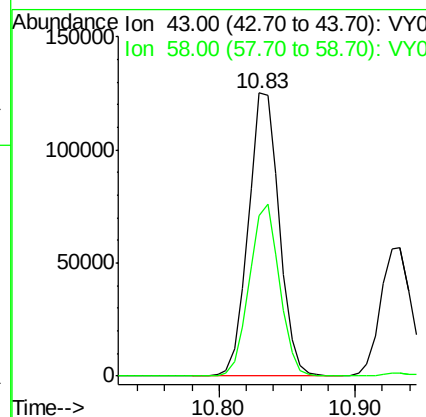
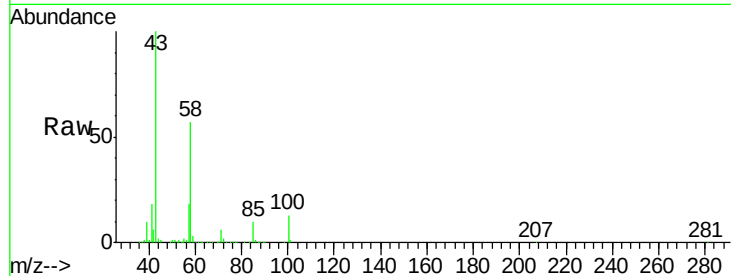
#59  
2-Hexanone  
Concen: 261.634 ug/l  
RT: 10.83 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 199578  
Ion Ratio Lower Upper  
43 100  
58 59.2 29.9 89.7

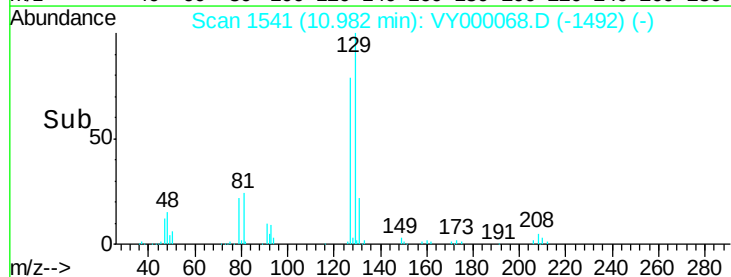
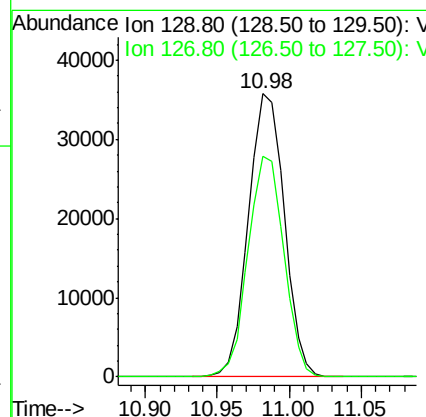
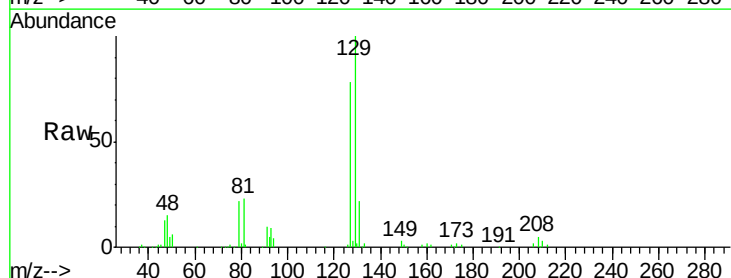
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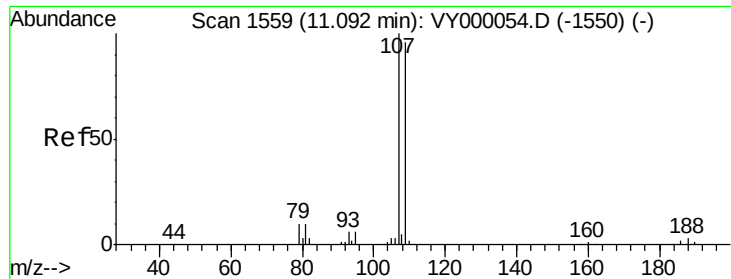
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9/20/2019 12:39:37 AM



#60  
Dibromochloromethane  
Concen: 53.501 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Tgt Ion: 129 Resp: 61692  
Ion Ratio Lower Upper  
129 100  
127 78.0 40.2 120.6





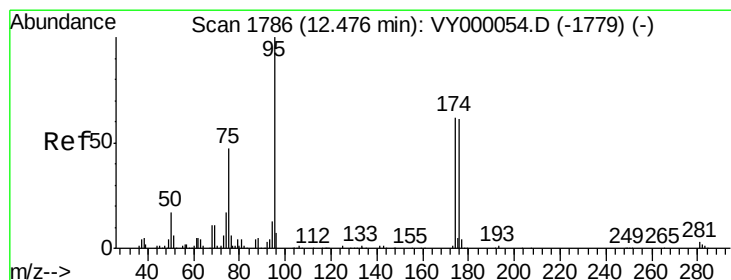
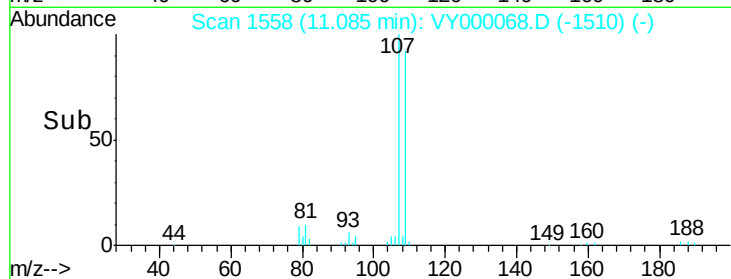
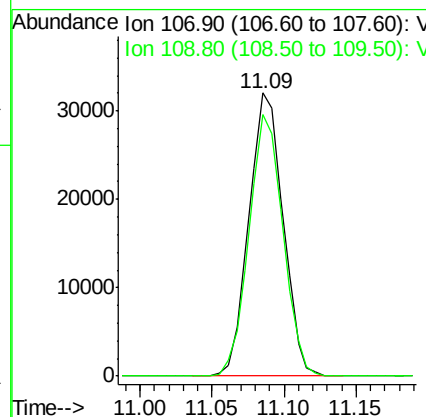
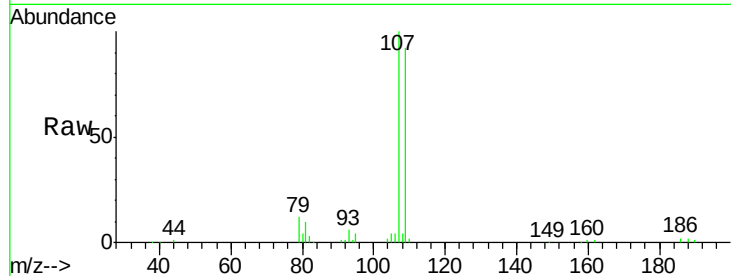
#61  
 1,2-Dibromoethane  
 Concen: 52.194 ug/l  
 RT: 11.09 min Scan# 1558  
 Delta R.T. -0.01 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 107 Resp: 52473  
 Ion Ratio Lower Upper  
 107 100  
 109 91.8 75.0 112.6

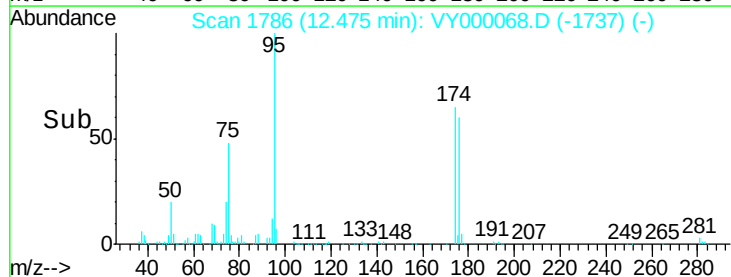
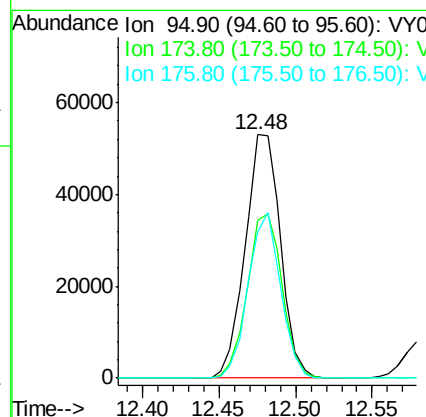
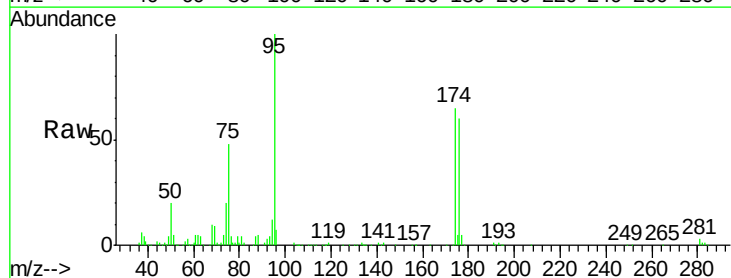
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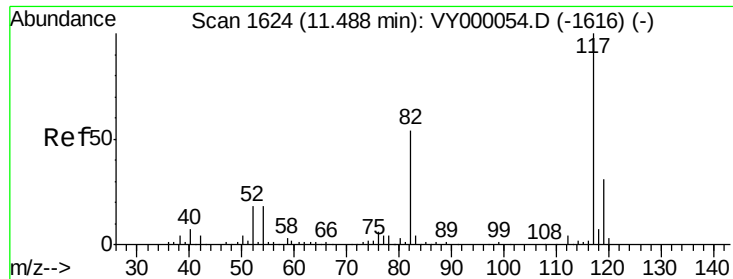
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#62  
 4-Bromofluorobenzene  
 Concen: 47.893 ug/l  
 RT: 12.48 min Scan# 1786  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Tgt Ion: 95 Resp: 84957  
 Ion Ratio Lower Upper  
 95 100  
 174 66.5 0.0 137.2  
 176 62.5 0.0 135.0





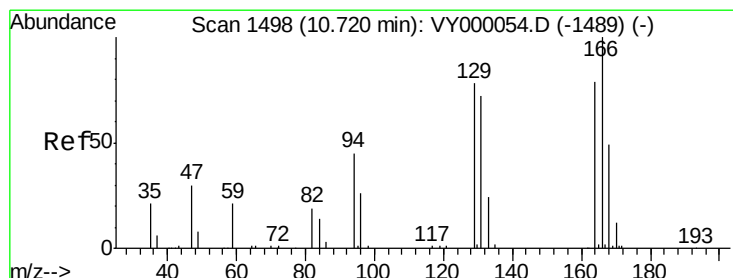
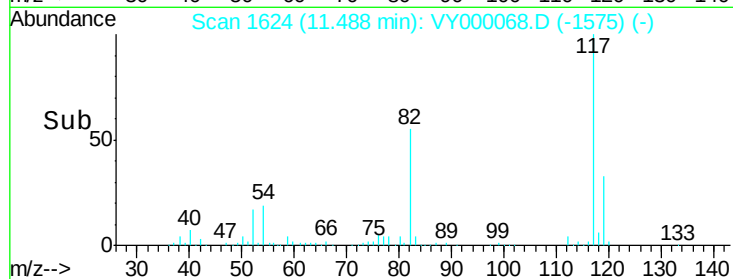
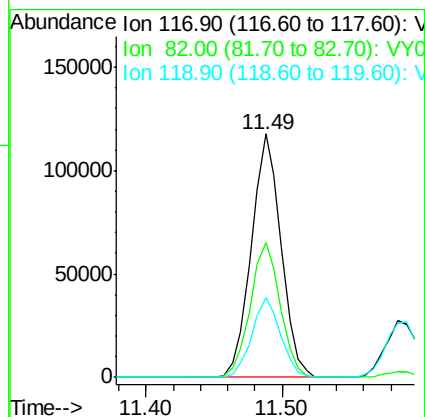
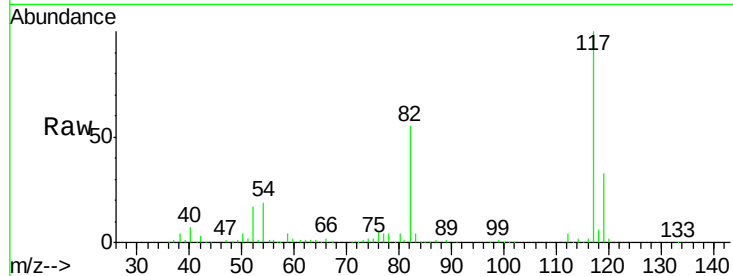
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1624  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 180508 |       |       |
| 82      | 55.3  | 43.5   | 65.3  |       |
| 119     | 32.6  | 24.6   | 36.8  |       |

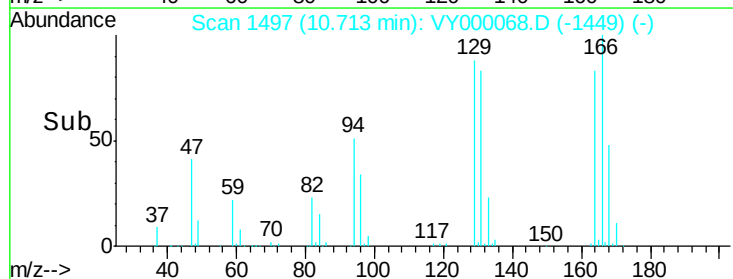
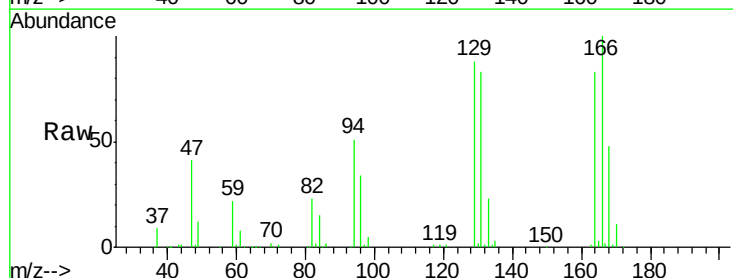
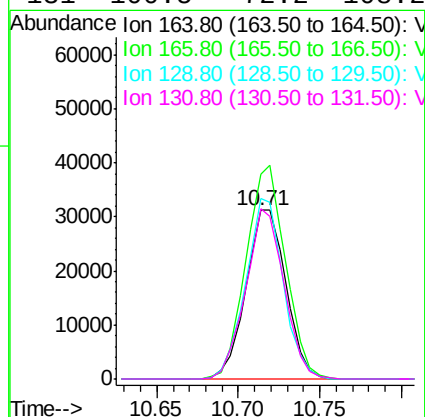
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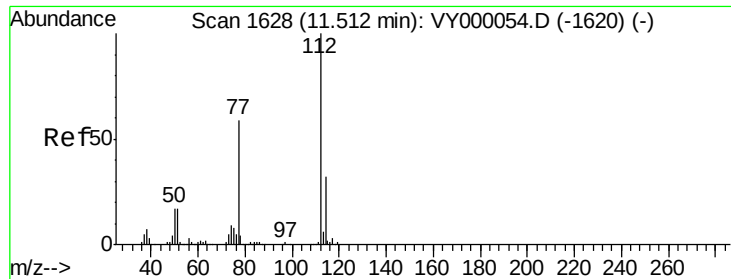
MMDadoda  
9/20/2019 12:39:37 AM



#64  
Tetrachloroethene  
Concen: 47.056 ug/l  
RT: 10.71 min Scan# 1497  
Delta R.T. -0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 53312 |       |       |
| 166     | 121.1 | 100.9 | 151.3 |       |
| 129     | 107.2 | 78.4  | 117.6 |       |
| 131     | 100.5 | 72.2  | 108.2 |       |





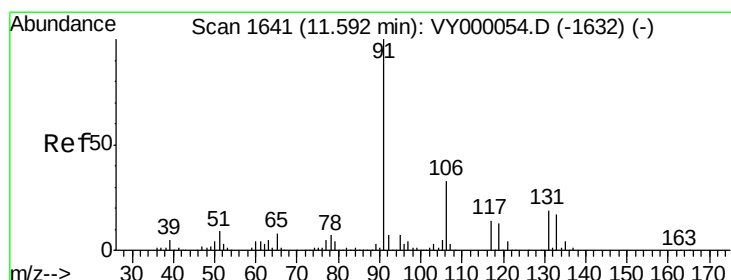
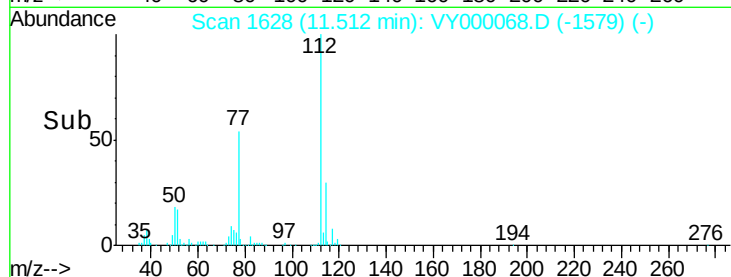
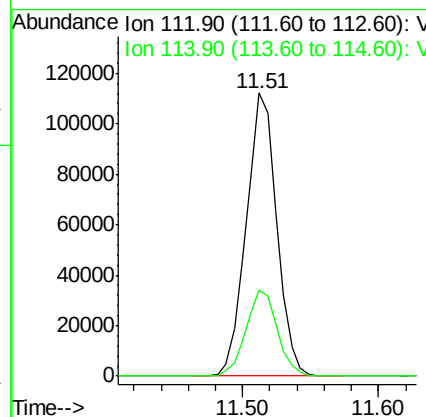
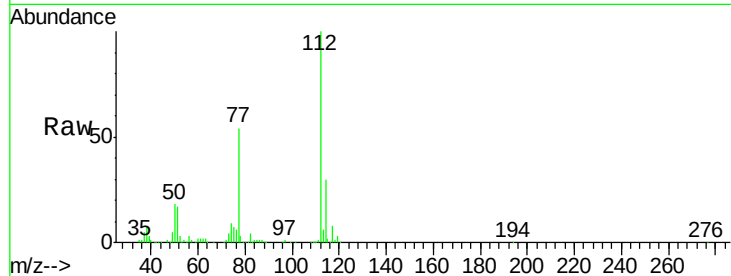
#65  
Chlorobenzene  
Concen: 49.294 ug/l  
RT: 11.51 min Scan# 1628  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 30.4  | 25.6  | 38.4  |

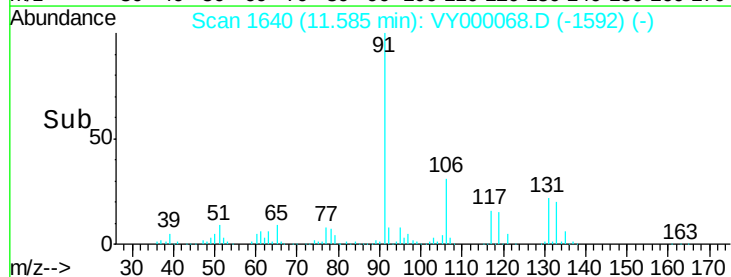
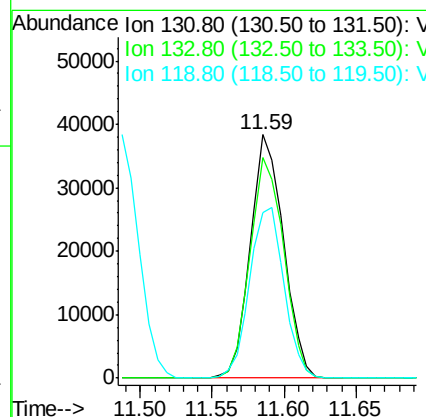
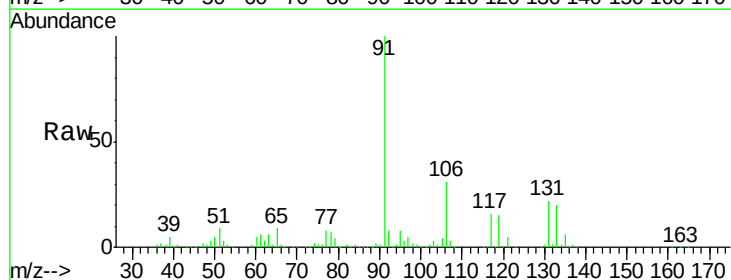
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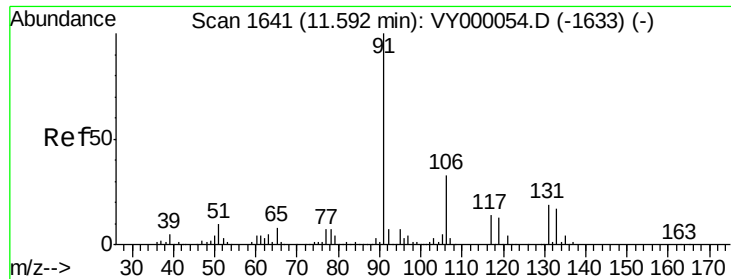
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.518 ug/l  
RT: 11.59 min Scan# 1640  
Delta R.T. -0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 92.5  | 46.6  | 139.8 |
| 119     | 72.8  | 36.2  | 108.6 |





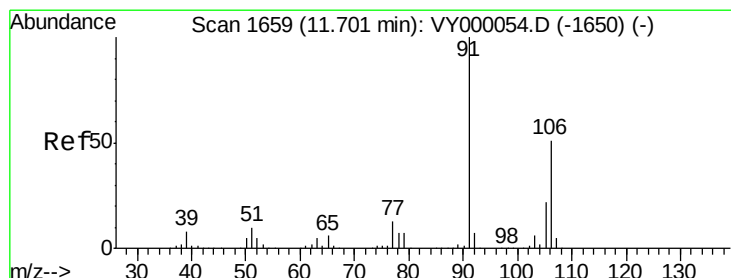
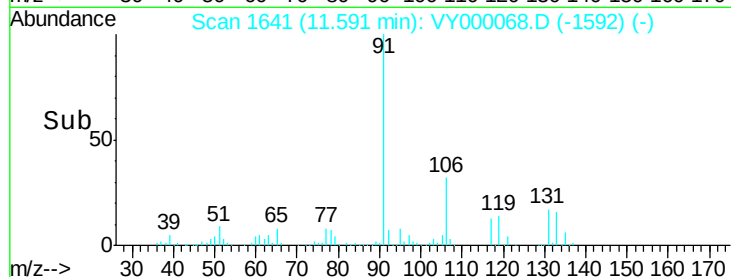
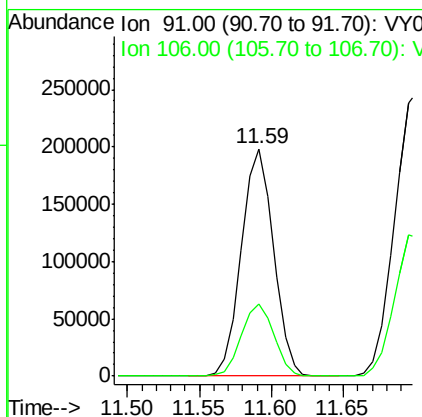
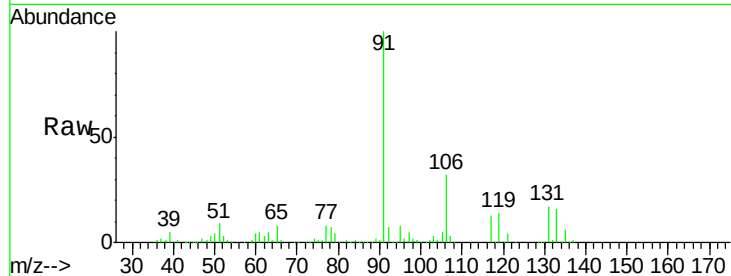
#67  
Ethyl Benzene  
Concen: 48.164 ug/l  
RT: 11.59 min Scan# 1641  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 306907  
Ion Ratio Lower Upper  
91 100  
106 31.7 26.6 40.0

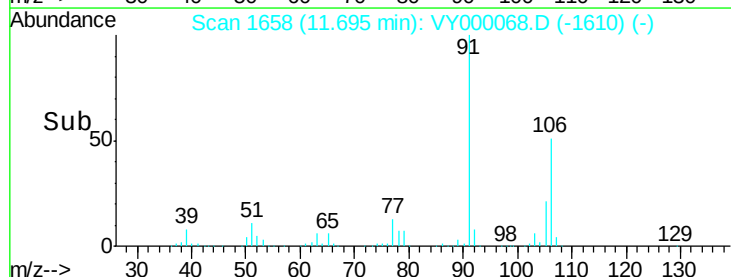
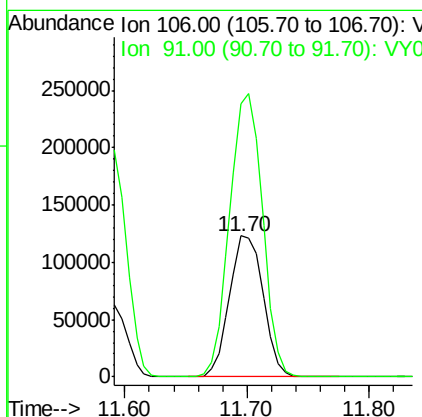
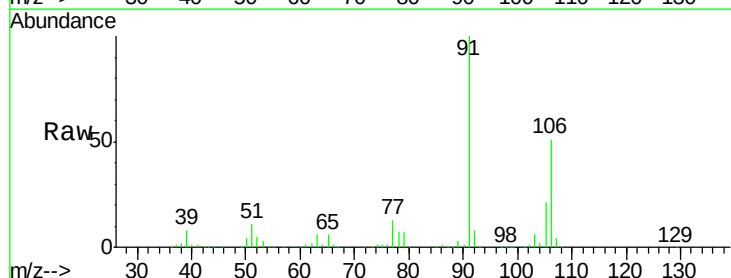
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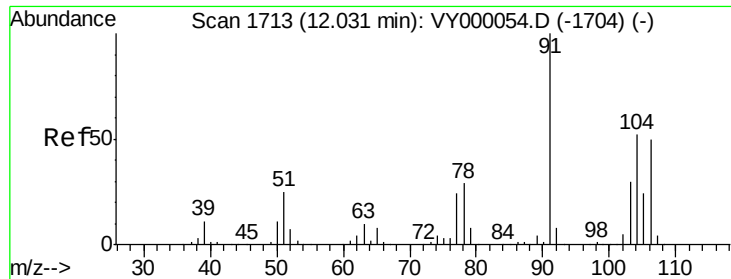
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#68  
m/p-Xylenes  
Concen: 96.709 ug/l  
RT: 11.70 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Tgt Ion: 106 Resp: 234481  
Ion Ratio Lower Upper  
106 100  
91 196.1 154.5 231.7





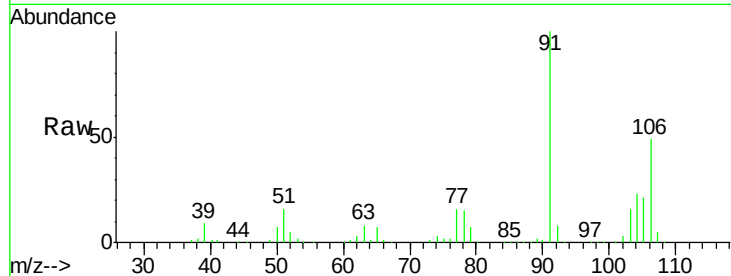
#69  
o-Xylene  
Concen: 48.585 ug/l  
RT: 12.02 min Scan# 1712  
Delta R.T. -0.01 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

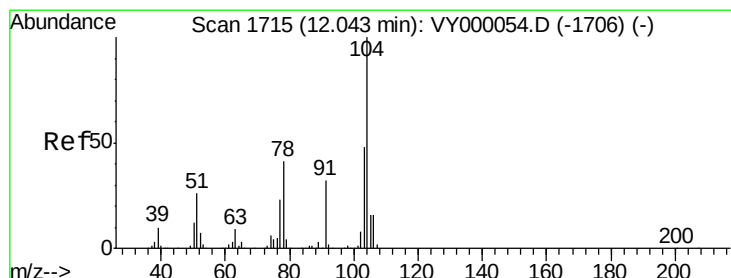
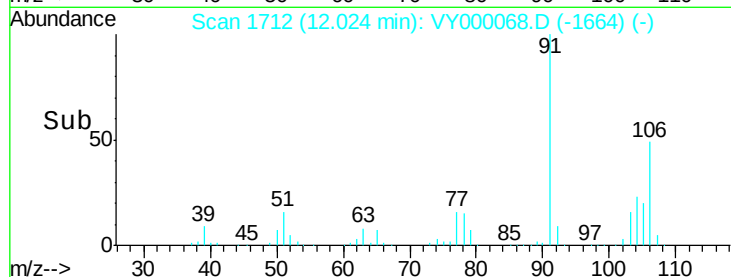
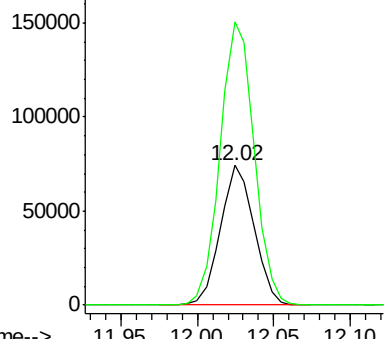
Tot Ion:106 Resp: 114061  
Ion Ratio Lower Upper  
106 100  
91 204.4 103.5 310.3

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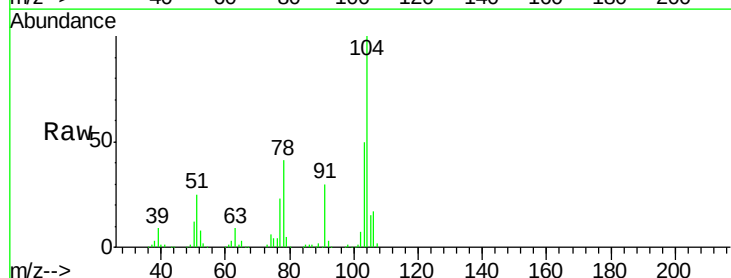


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

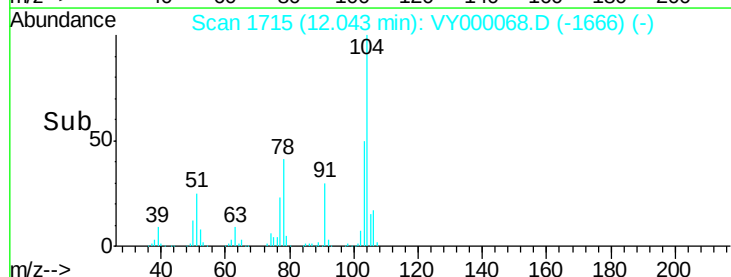
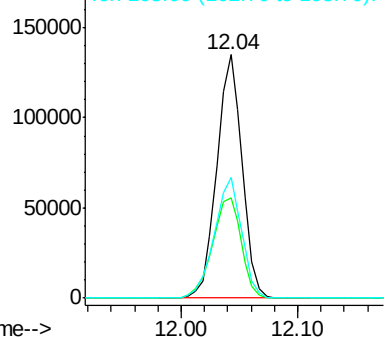


#70  
Styrene  
Concen: 49.619 ug/l  
RT: 12.04 min Scan# 1715  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

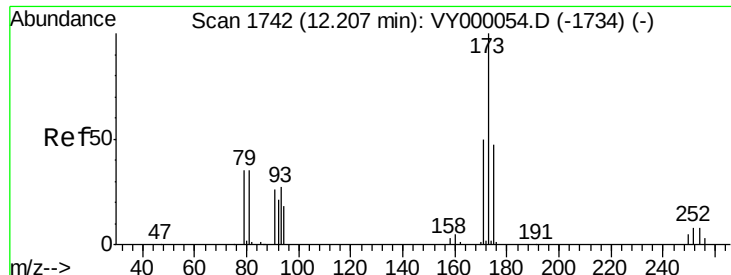
Tgt Ion:104 Resp: 204501  
Ion Ratio Lower Upper  
104 100  
78 46.8 37.7 56.5  
103 53.5 42.2 63.4



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VY0  
Ion 103.00 (102.70 to 103.70): V







#71

Bromoform

Concen: 50.950 ug/l

RT: 12.21 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

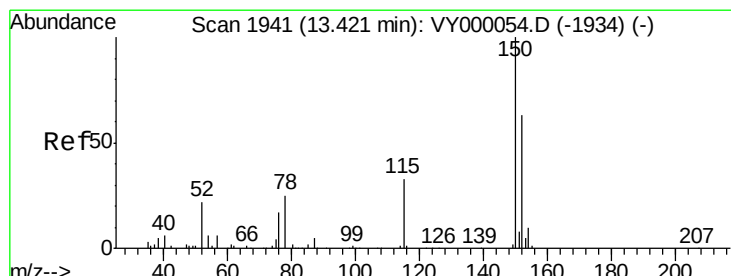
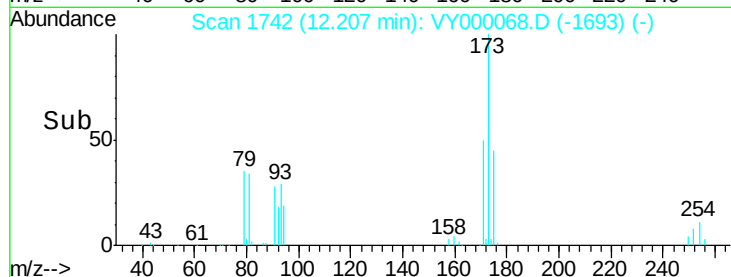
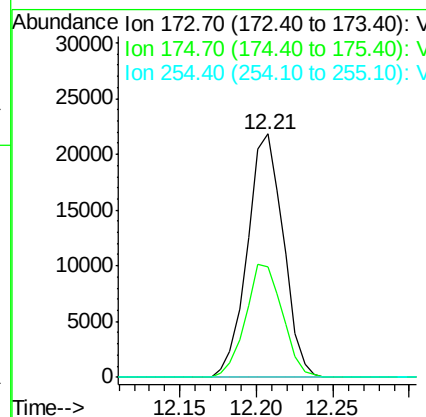
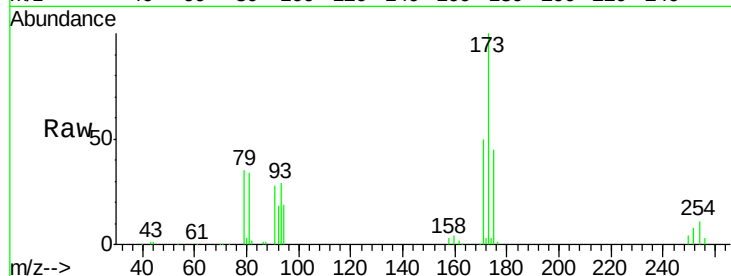
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 35609 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.6  | 23.6  | 71.0  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations  
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MMDadoda  
9/20/2019 12:39:37 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

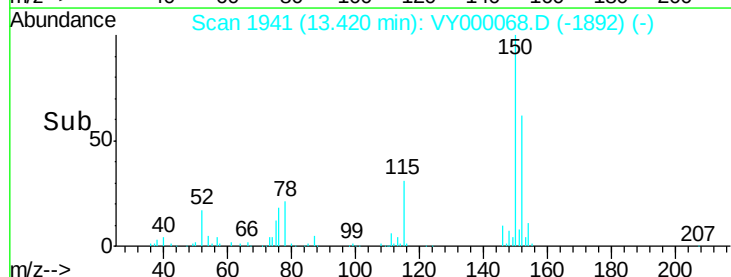
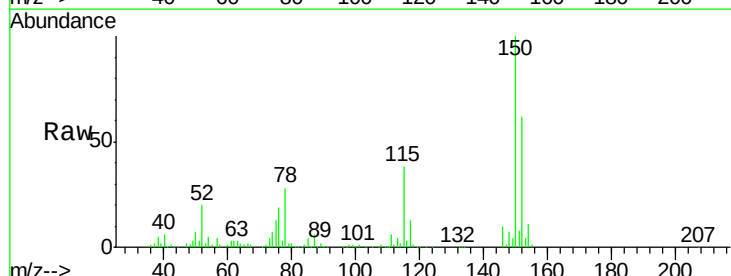
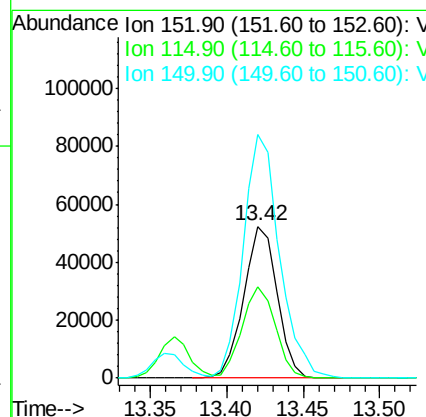
RT: 13.42 min Scan# 1941

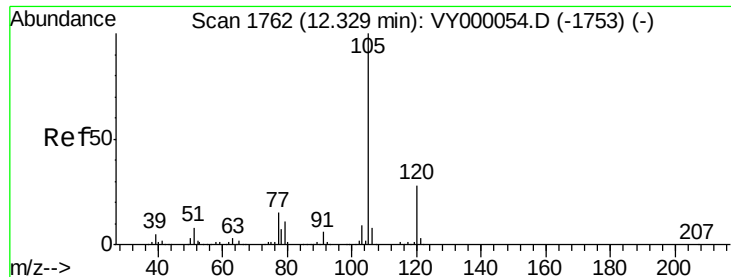
Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 79363 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 60.5  | 30.7  | 92.1  |
| 150       | 174.1 | 0.0   | 351.6 |





#73

Isopropylbenzene

Concen: 47.965 ug/l

RT: 12.33 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 306779

Ion Ratio Lower Upper

105 100

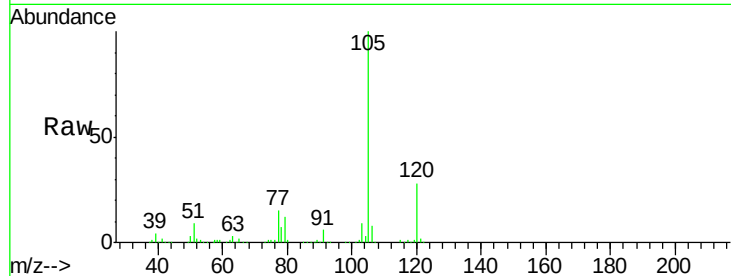
120 26.9 13.9 41.7

Manual Integrations

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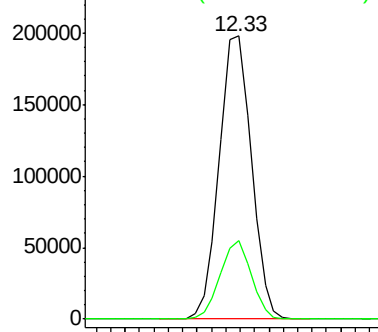
MMDadoda

9/20/2019 12:39:37 AM

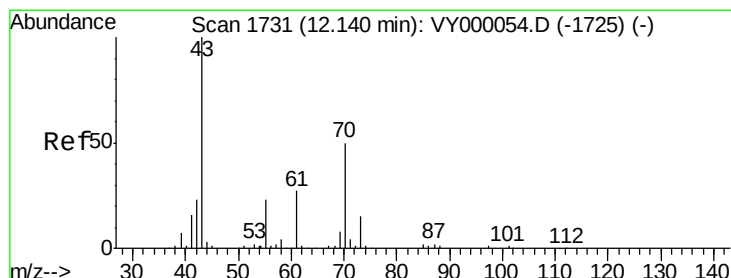
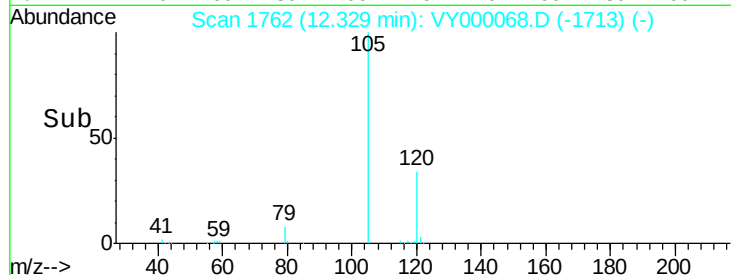


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 51.398 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Tgt Ion: 43 Resp: 93651

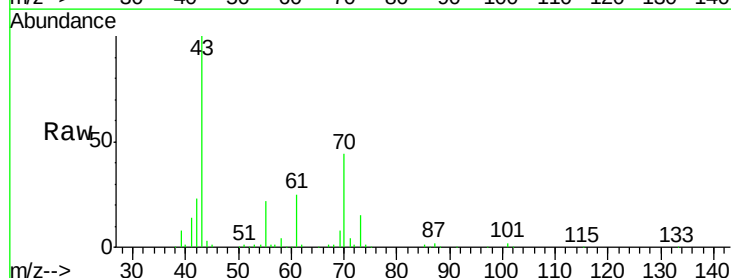
Ion Ratio Lower Upper

43 100

70 45.8 38.8 58.2

55 22.7 18.8 28.2

61 25.3 21.4 32.2

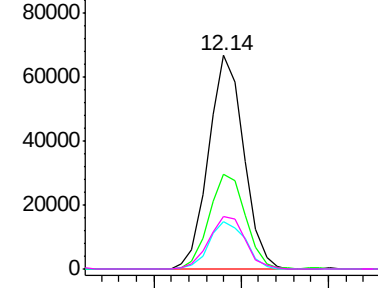


Abundance Ion 43.00 (42.70 to 43.70): VY0

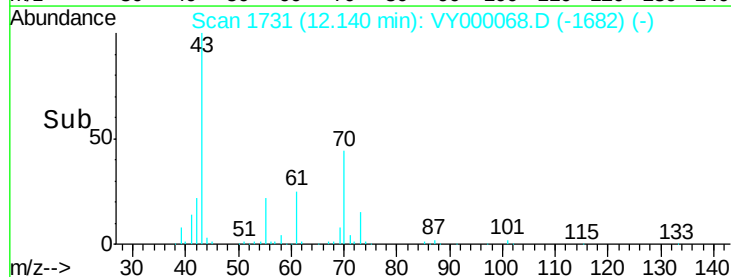
Ion 70.00 (69.70 to 70.70): VY0

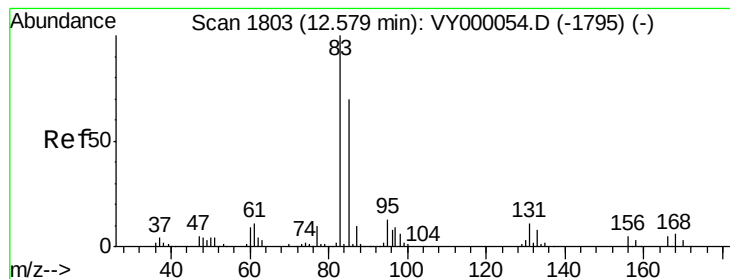
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.869 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

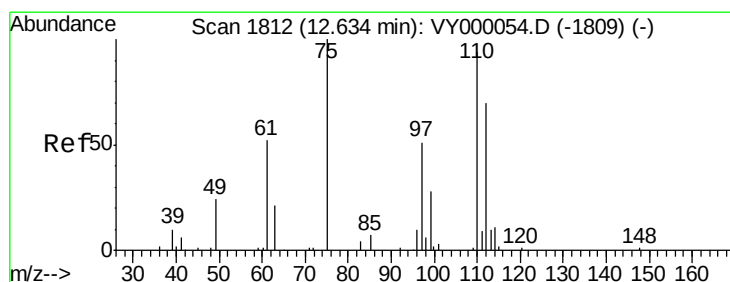
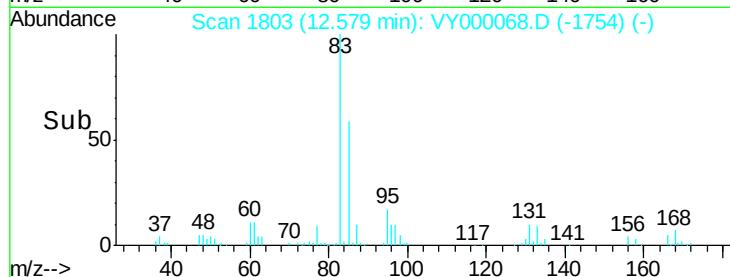
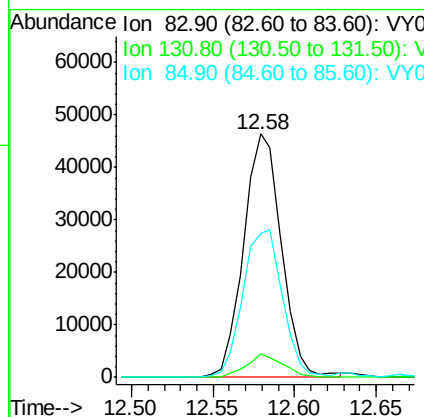
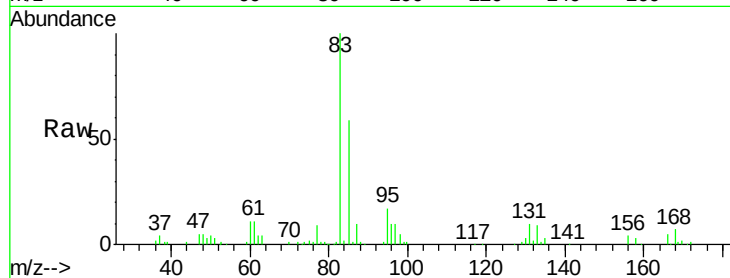
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 75081 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.4   | 4.9   | 14.7  |
| 85        | 63.5  | 32.5  | 97.4  |

Manual Integrations  
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9/20/2019 12:39:37 AM



#76

1,2,3-Trichloropropane

Concen: 40.891 ug/l m

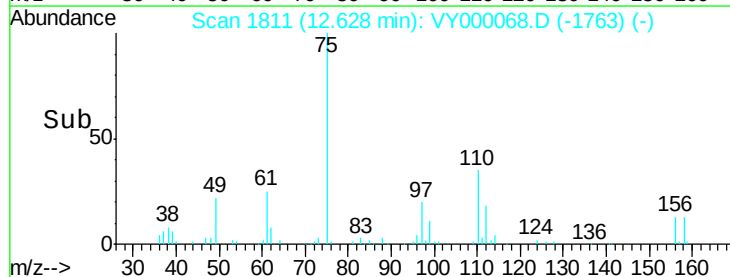
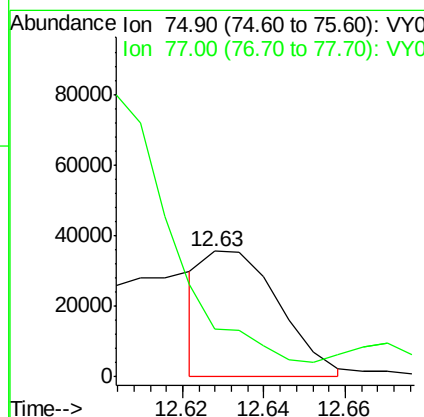
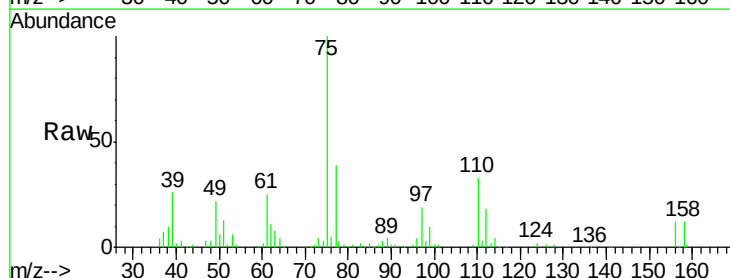
RT: 12.63 min Scan# 1811

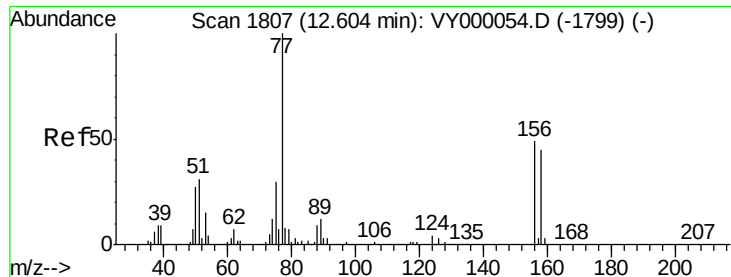
Delta R.T. -0.01 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 45660 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 48.457 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 64715

Ion Ratio Lower Upper

156 100

77 220.6 109.7 329.0

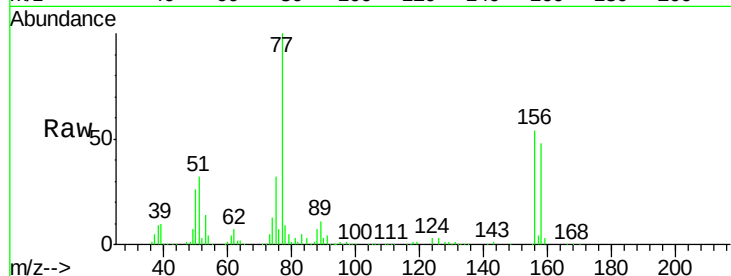
158 95.8 48.0 144.2

Manual Integrations

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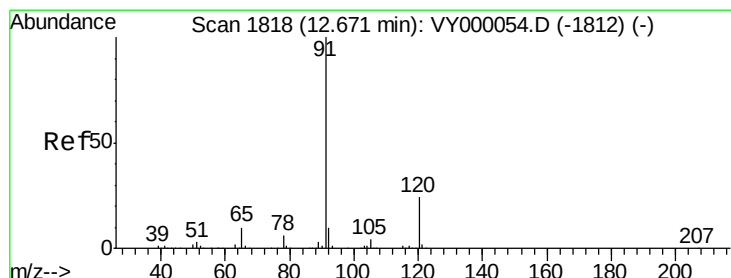
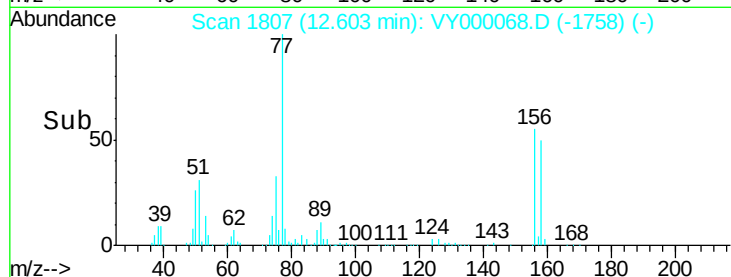
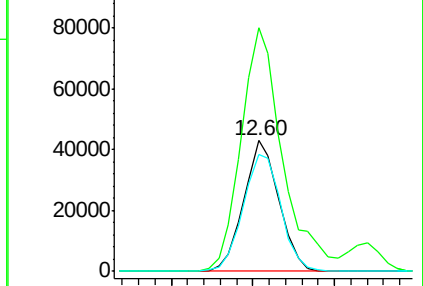
9/20/2019 12:39:37 AM



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: 47.625 ug/l

RT: 12.67 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY000068.D

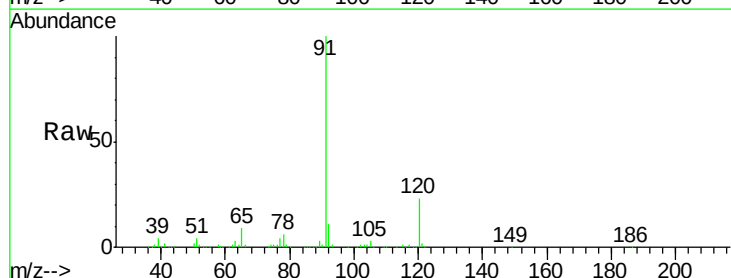
Acq: 18 Sep 2019 18:56

Tgt Ion: 91 Resp: 371563

Ion Ratio Lower Upper

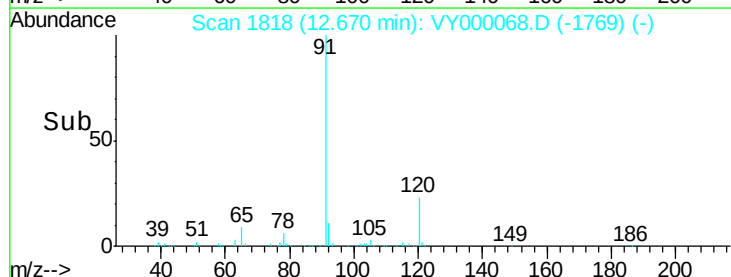
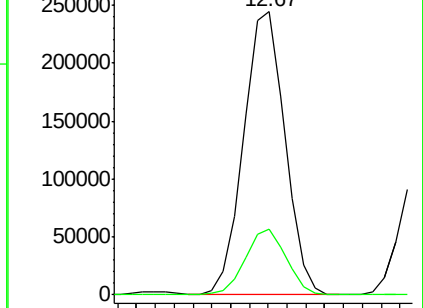
91 100

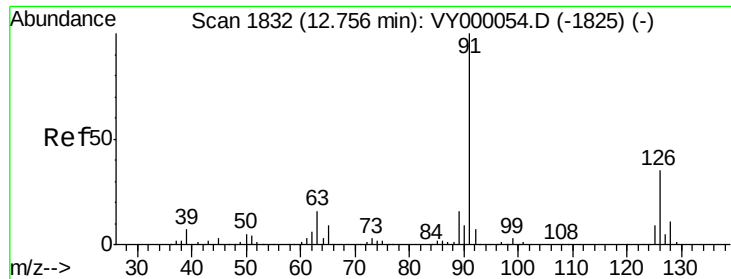
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.752 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 208277

Ion Ratio Lower Upper

91 100

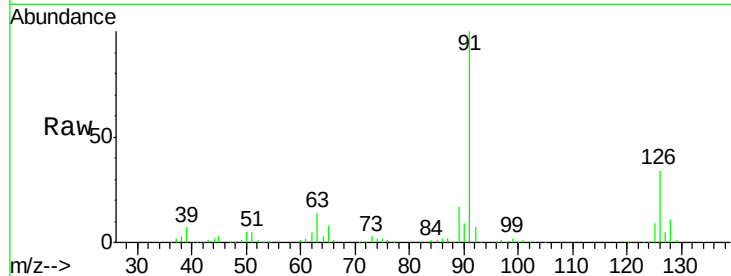
126 33.7 17.2 51.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000054.D (-1825) (-)

Ion 125.90 (125.60 to 126.60): VY000054.D (-1825) (-)

250000

200000

150000

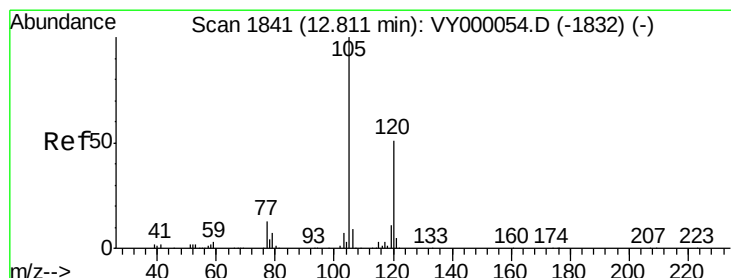
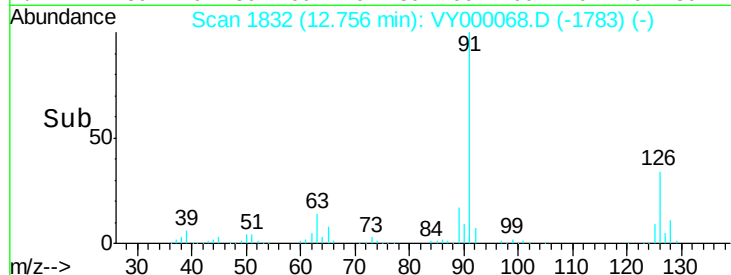
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.864 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VY000068.D

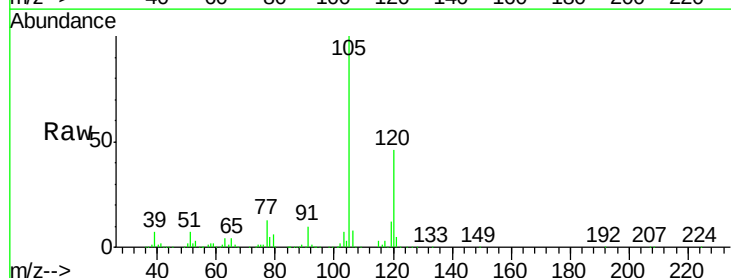
Acq: 18 Sep 2019 18:56

Tgt Ion: 105 Resp: 253589

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY000054.D (-1832) (-)

Ion 120.00 (119.70 to 120.70): VY000054.D (-1832) (-)

200000

150000

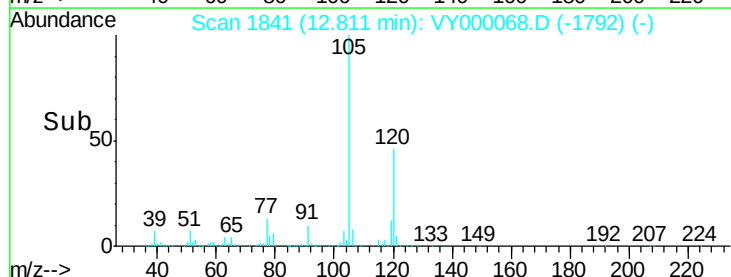
100000

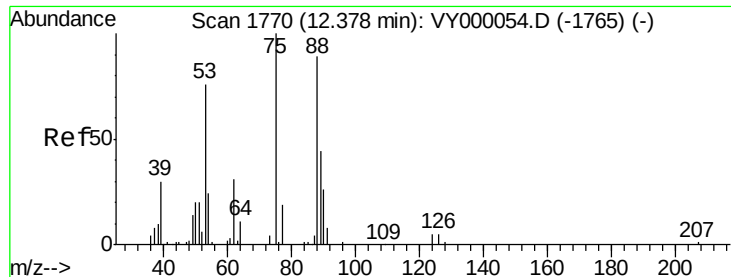
50000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 47.229 ug/l

RT: 12.38 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

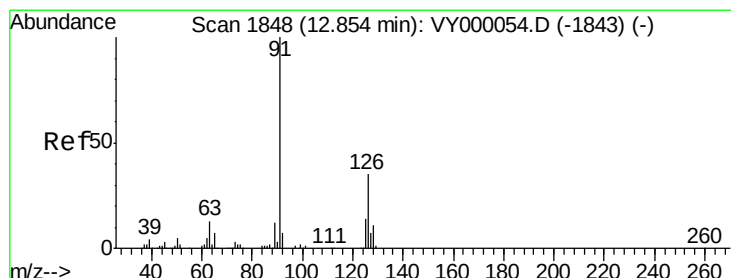
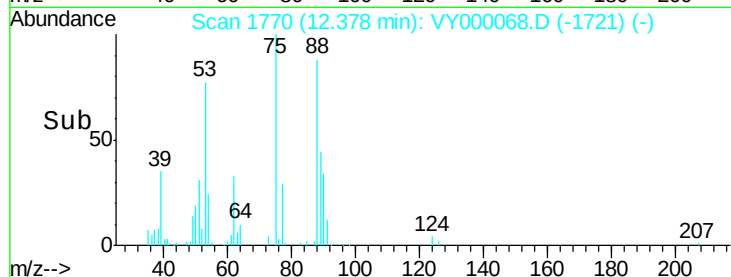
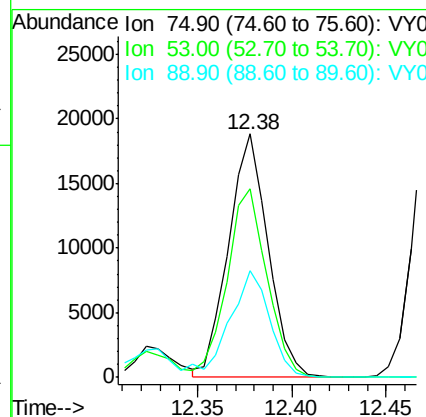
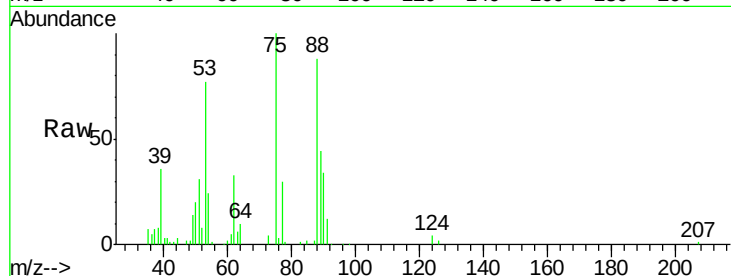
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 27421 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 77.8  | 60.9  | 91.3  |
| 89       | 42.5  | 35.3  | 52.9  |

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#82

4-Chlorotoluene

Concen: 47.991 ug/l

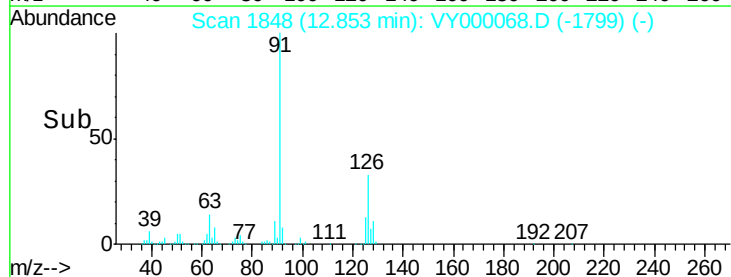
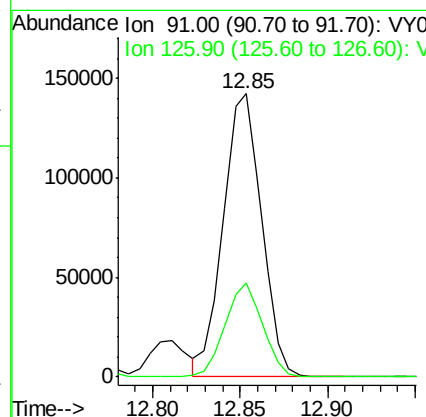
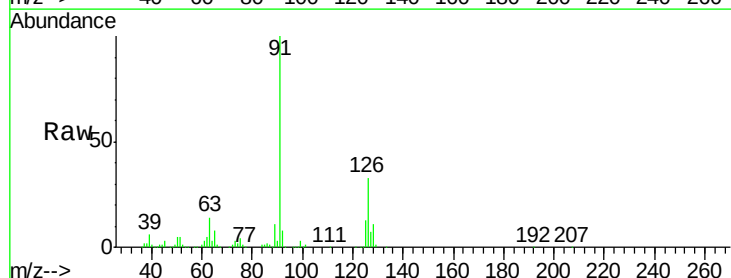
RT: 12.85 min Scan# 1848

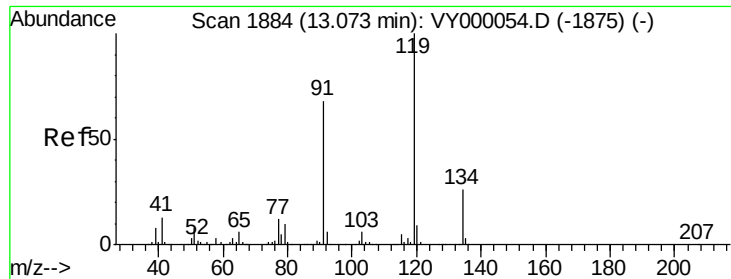
Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 216442 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.5  | 16.7  | 50.1   |





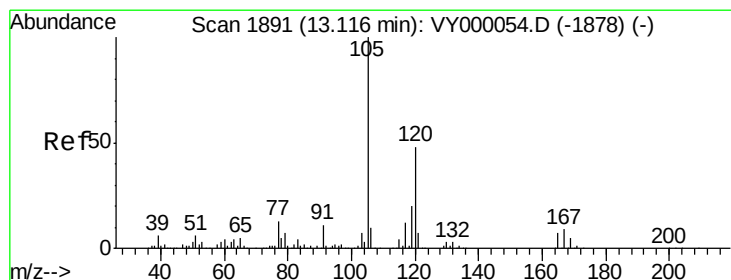
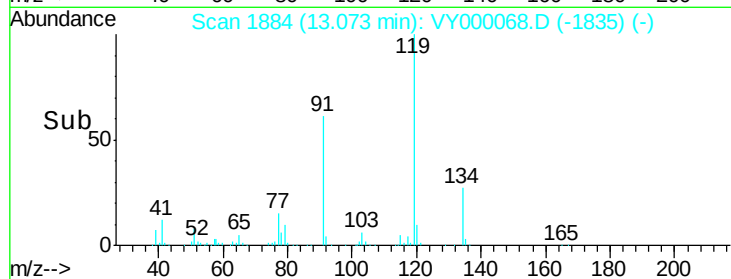
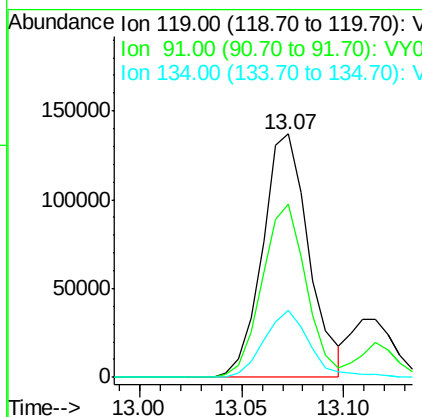
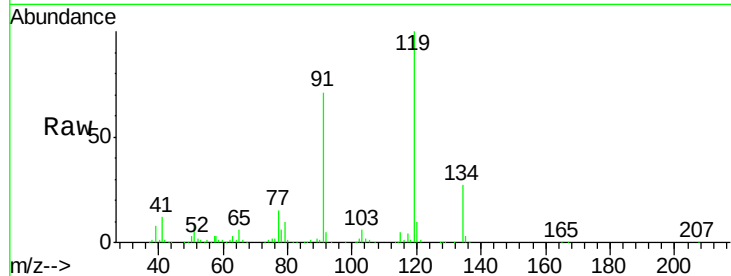
#83  
 tert-Butylbenzene  
 Concen: 47.781 ug/l  
 RT: 13.07 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.8  | 33.4  | 100.1 |
| 134     | 27.3  | 12.7  | 38.0  |

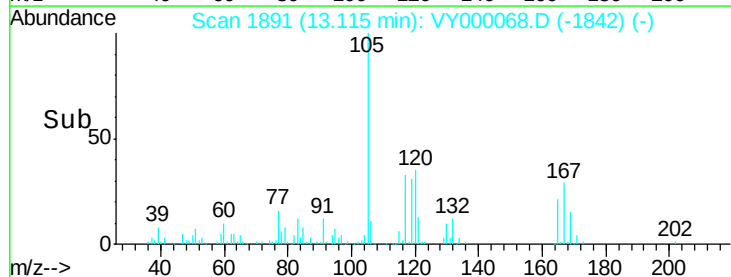
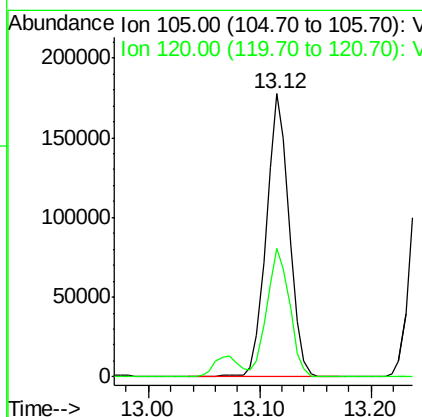
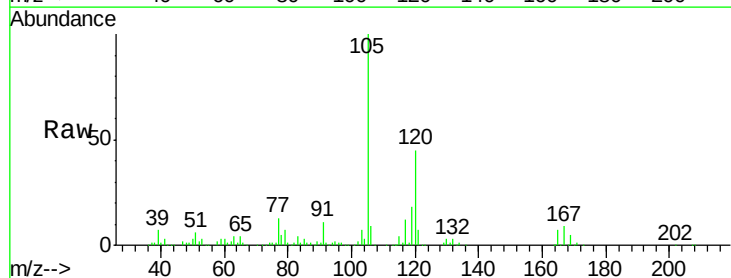
Manual Integrations  
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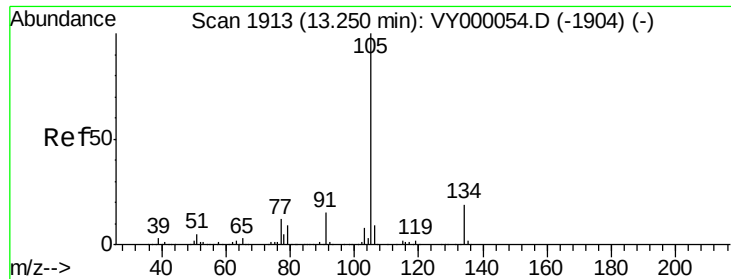
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.802 ug/l  
 RT: 13.12 min Scan# 1891  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.8  | 22.9  | 68.7  |





#85

sec-Butylbenzene

Concen: 47.671 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 319248

Ion Ratio Lower Upper

105 100

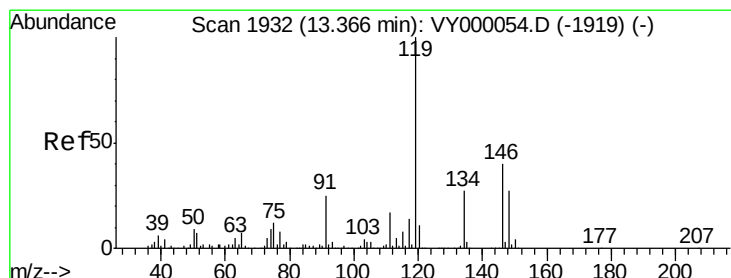
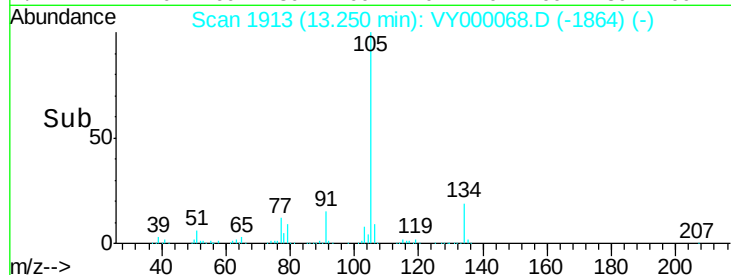
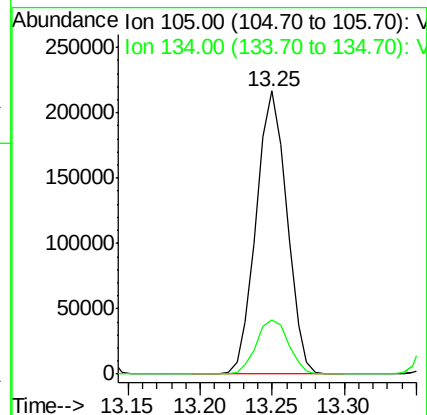
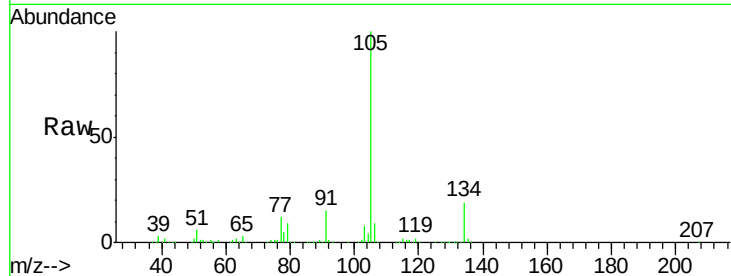
134 20.1 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.024 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000068.D

Acq: 18 Sep 2019 18:56

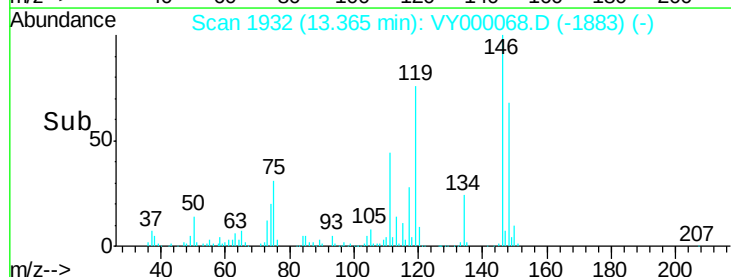
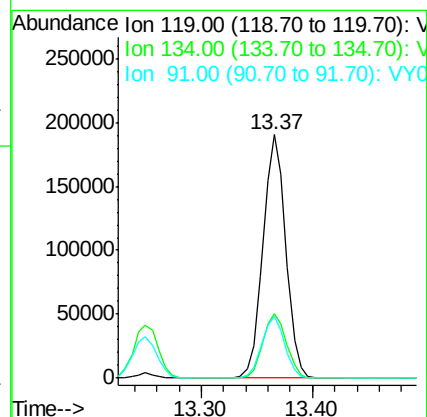
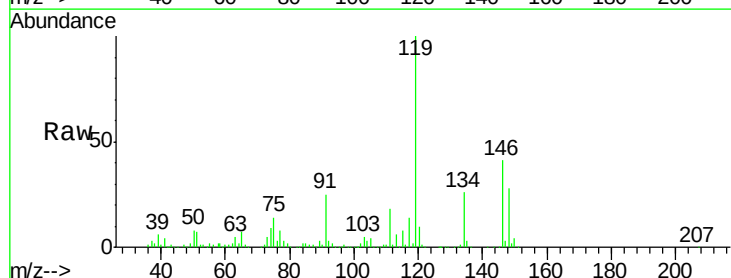
Tgt Ion:119 Resp: 272612

Ion Ratio Lower Upper

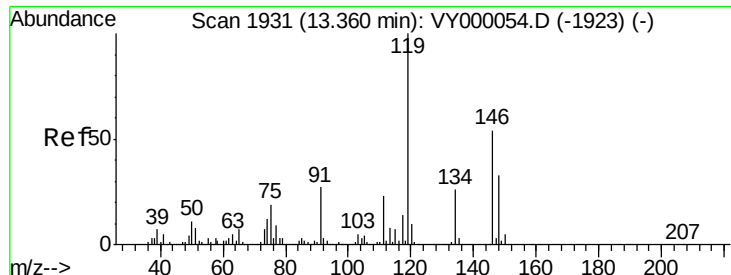
119 100

134 27.1 13.4 40.2

91 25.1 12.4 37.4







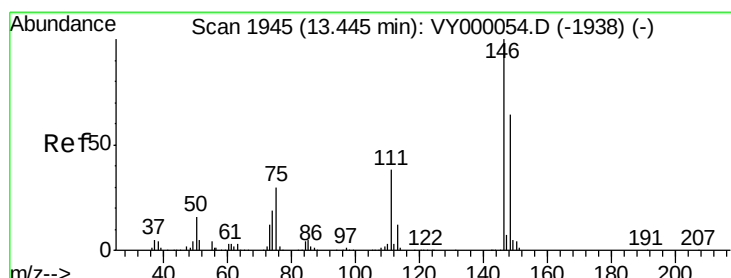
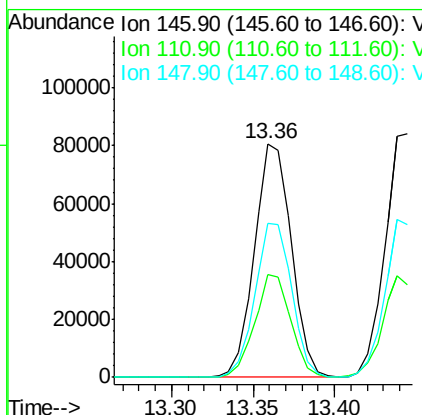
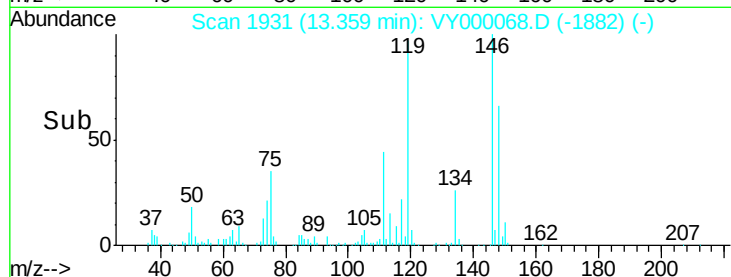
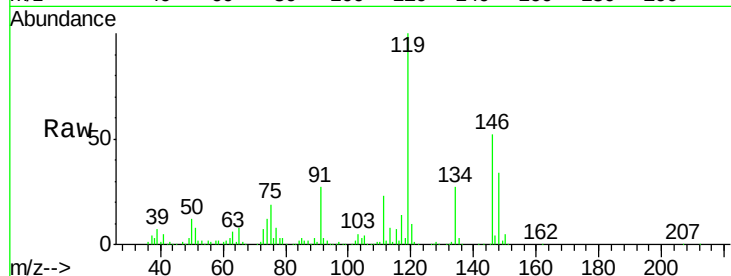
#87  
 1,3-Dichlorobenzene  
 Concen: 48.083 ug/l  
 RT: 13.36 min Scan# 1931  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.9  | 21.1  | 63.1  |
| 148     | 65.3  | 31.8  | 95.3  |

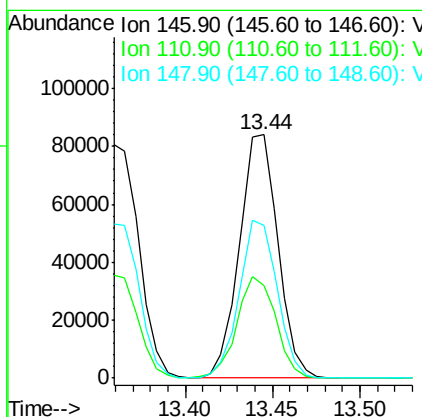
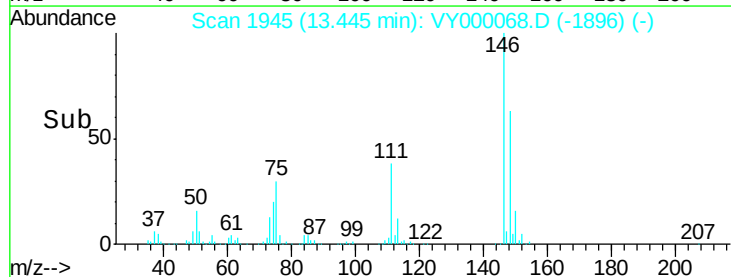
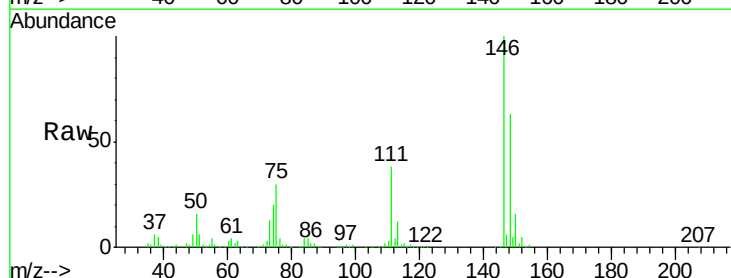
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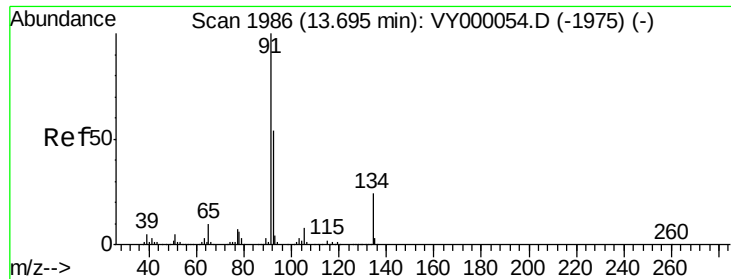
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 48.741 ug/l  
 RT: 13.44 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.7  | 20.8  | 62.4  |
| 148     | 63.8  | 31.5  | 94.5  |





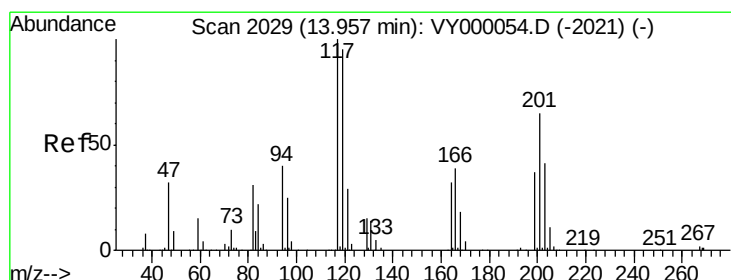
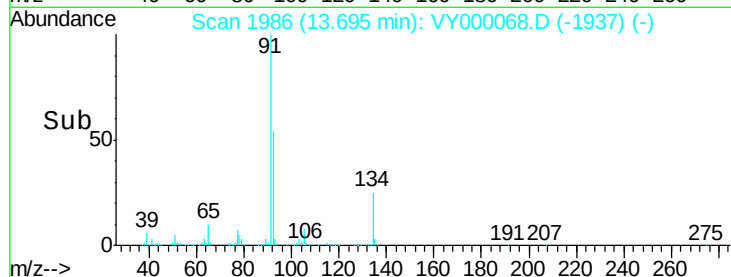
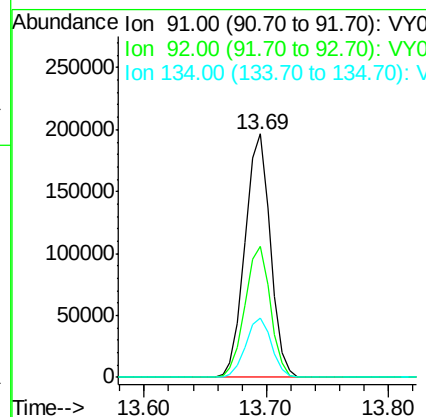
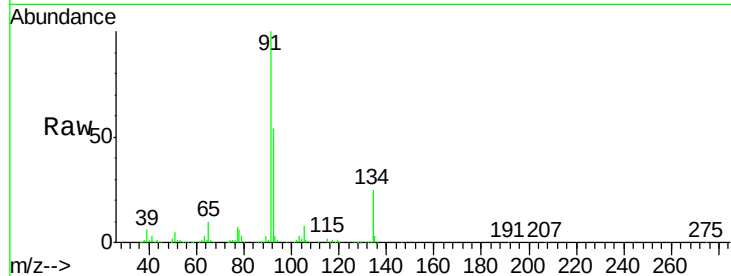
#89  
n-Butylbenzene  
Concen: 48.146 ug/l  
RT: 13.69 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.2  | 27.2  | 81.5  |
| 134     | 24.9  | 12.2  | 36.6  |

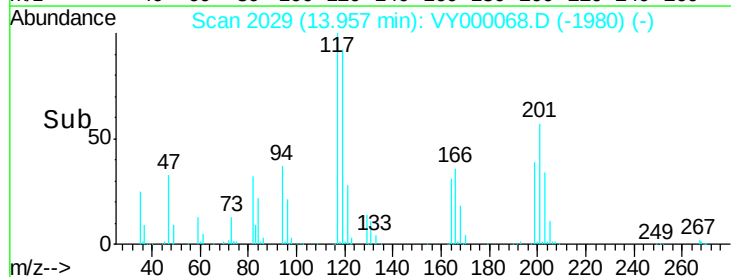
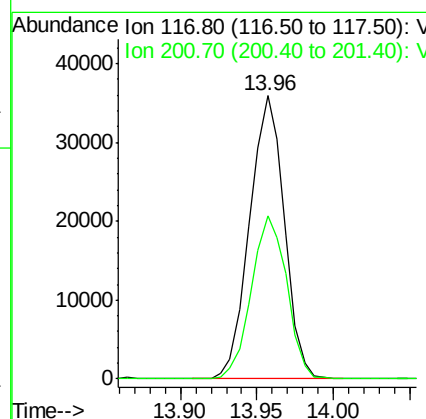
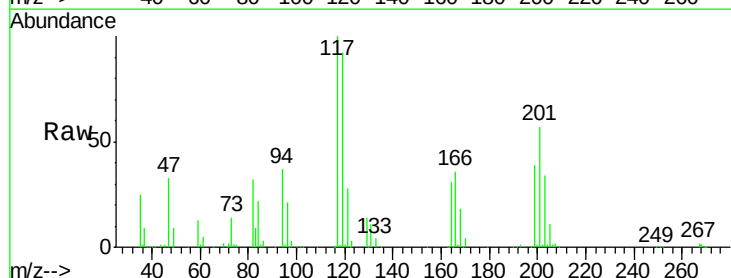
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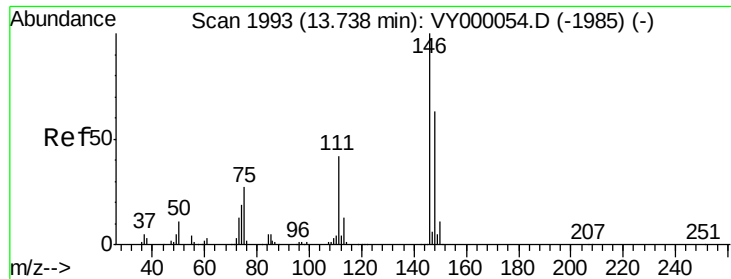
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#90  
Hexachloroethane  
Concen: 50.757 ug/l  
RT: 13.96 min Scan# 2029  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 58.8  | 30.6  | 92.0  |





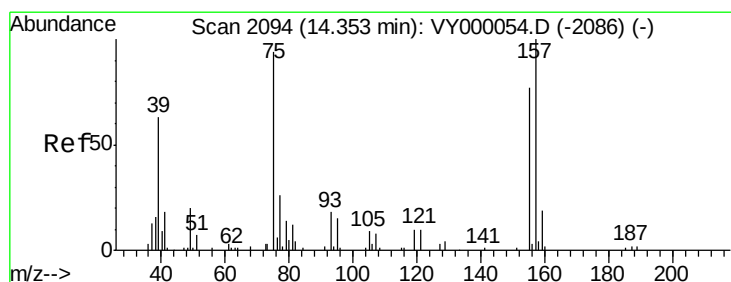
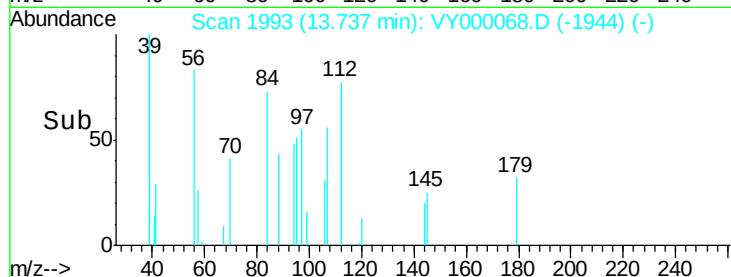
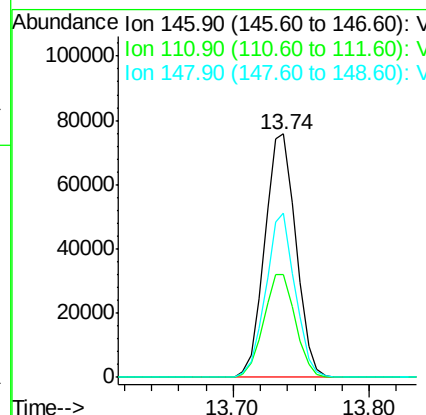
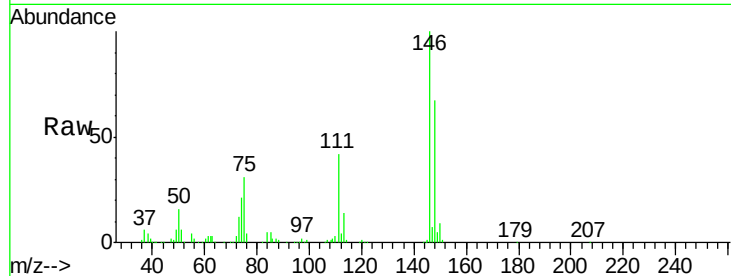
#91  
 1,2-Dichlorobenzene  
 Concen: 48.985 ug/l  
 RT: 13.74 min Scan# 1993  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 21.9  | 65.7  |
| 148     | 63.5  | 32.4  | 97.2  |

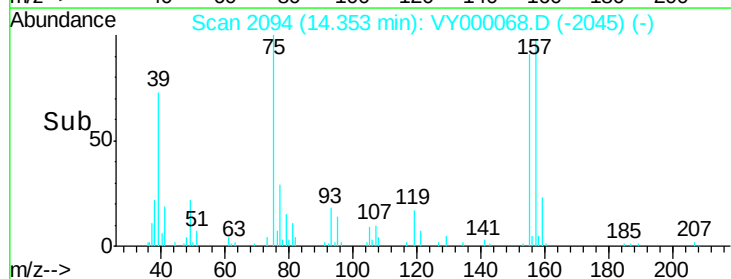
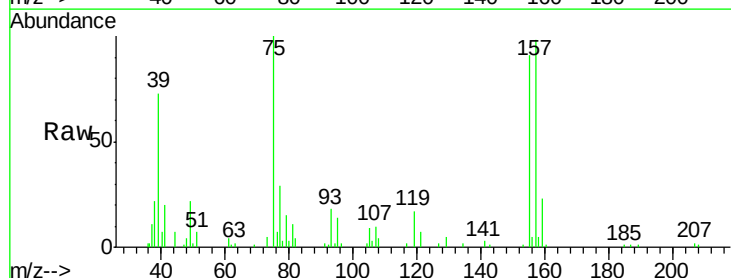
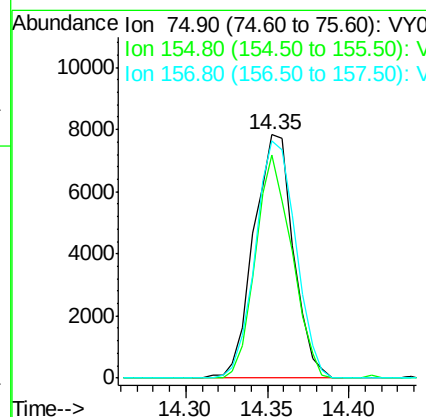
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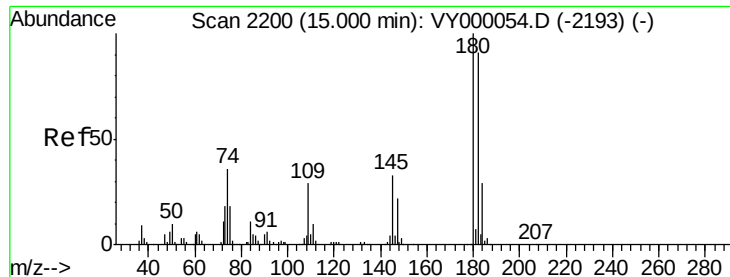
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.037 ug/l  
 RT: 14.35 min Scan# 2094  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.4  | 40.6  | 121.7 |
| 157     | 99.6  | 52.9  | 158.8 |





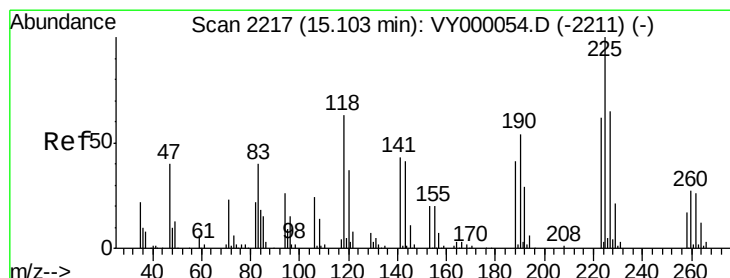
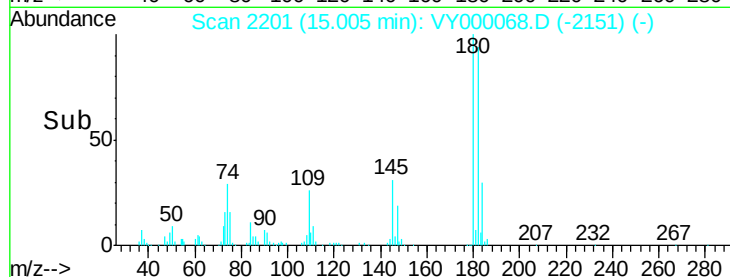
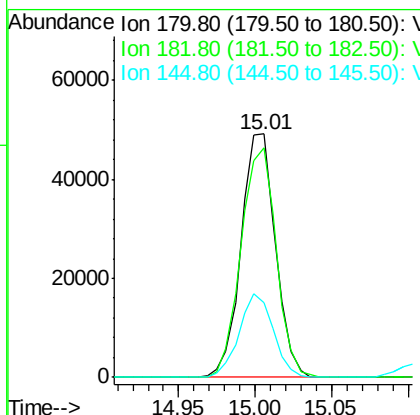
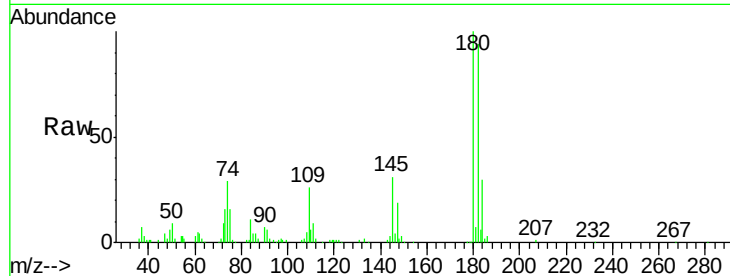
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.115 ug/l  
 RT: 15.01 min Scan# 2201  
 Delta R.T. 0.01 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.7  | 48.5  | 145.6 |
| 145     | 34.1  | 17.2  | 51.6  |

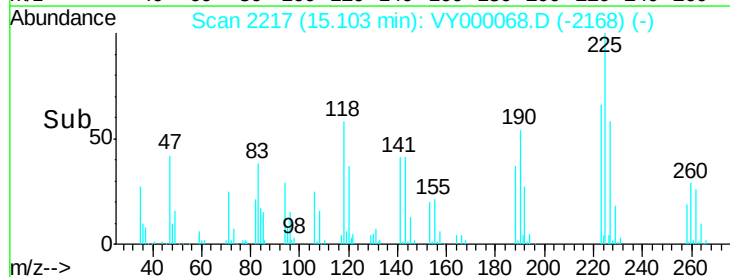
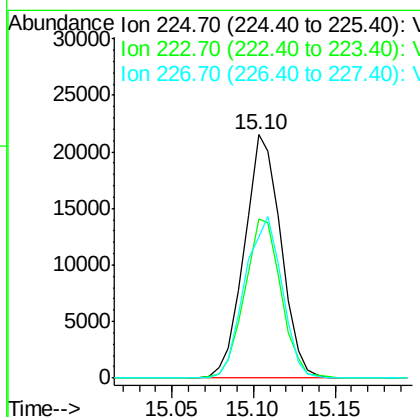
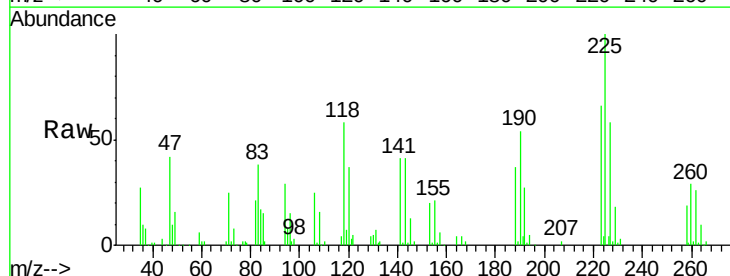
Manual Integrations  
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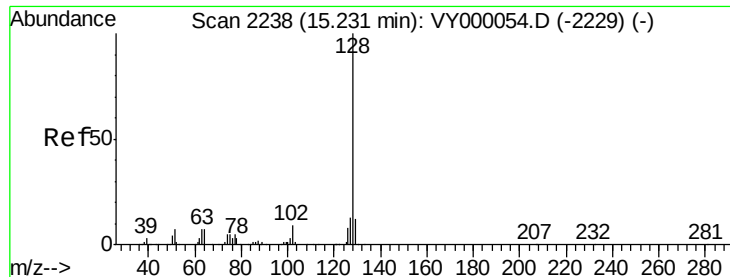
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#94  
 Hexachlorobutadiene  
 Concen: 46.685 ug/l  
 RT: 15.10 min Scan# 2217  
 Delta R.T. -0.00 min  
 Lab File: VY000068.D  
 Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.2  | 31.9  | 95.5  |
| 227     | 67.3  | 30.6  | 91.6  |





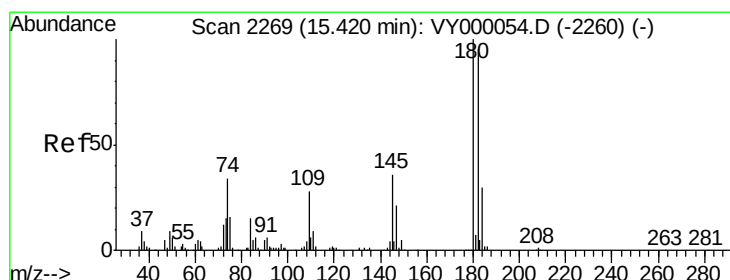
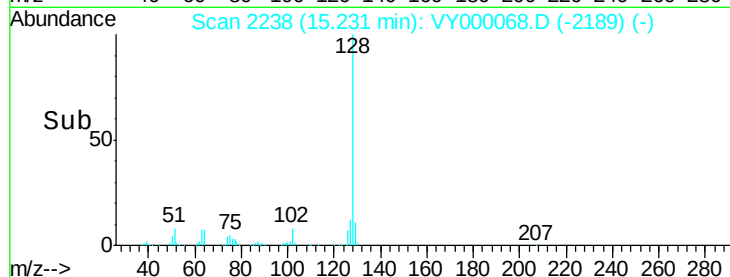
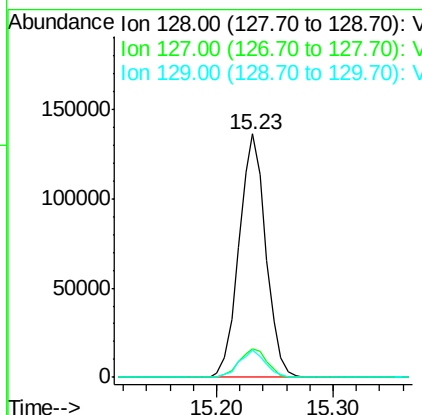
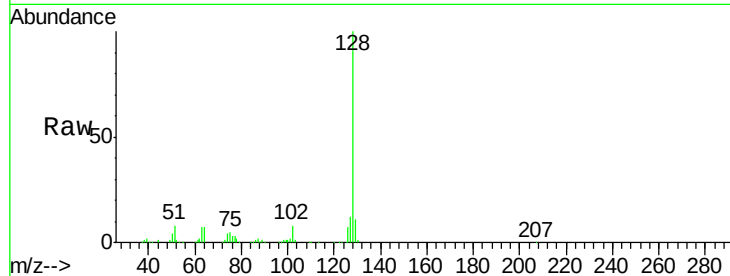
#95  
Naphthalene  
Concen: 51.187 ug/l  
RT: 15.23 min Scan# 2238  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 218243 |       |       |
| 127     | 12.4  | 10.3   | 15.5  |       |
| 129     | 10.9  | 9.2    | 13.8  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.090 ug/l  
RT: 15.42 min Scan# 2269  
Delta R.T. -0.00 min  
Lab File: VY000068.D  
Acq: 18 Sep 2019 18:56

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 71797 |       |       |
| 182     | 93.6  | 47.5  | 142.5 |       |
| 145     | 35.4  | 17.4  | 52.2  |       |

