

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\  
 Data File : VY002246.D  
 Acq On : 08 Apr 2020 12:09  
 Operator : SY/MD  
 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

Quant Time: Apr 08 14:52:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 14:44:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 157122   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 280390   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 255099   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 117237   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.16   | 65  | 33748    | 19.31 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 38.62% |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 32778    | 19.65 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 39.30% |      |
| 50) Toluene-d8            | 10.19  | 98  | 138048   | 19.77 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 39.54% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 45510    | 19.75 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 39.50% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 31145  | 19.613  | ug/l   | 93     |
| 3) Chloromethane              | 2.12 | 50  | 41783  | 20.907  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.26 | 62  | 43190  | 20.303  | ug/l   | 97     |
| 5) Bromomethane               | 2.65 | 94  | 26209  | 19.952  | ug/l   | 94     |
| 6) Chloroethane               | 2.80 | 64  | 25840  | 21.063  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.14 | 101 | 54505  | 19.840  | ug/l   | 94     |
| 8) Diethyl Ether              | 3.55 | 74  | 23986  | 20.538  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.92 | 101 | 38162  | 20.450  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.11 | 142 | 44638  | 20.579  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.99 | 59  | 24022  | 104.500 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 3.90 | 96  | 38415  | 20.248  | ug/l   | 95     |
| 13) Acrolein                  | 3.75 | 56  | 22401  | 99.430  | ug/l   | 99     |
| 14) Allyl chloride            | 4.50 | 41  | 62641  | 20.446  | ug/l   | 100    |
| 15) Acrylonitrile             | 5.20 | 53  | 62658  | 104.914 | ug/l   | 100    |
| 16) Acetone                   | 3.97 | 43  | 46667  | 101.404 | ug/l   | 94     |
| 17) Carbon Disulfide          | 4.21 | 76  | 126583 | 20.090  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.50 | 43  | 29858  | 20.917  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.25 | 73  | 102413 | 20.533  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.75 | 84  | 45145  | 19.958  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.24 | 96  | 43432  | 20.395  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.14 | 45  | 131262 | 21.290  | ug/l   | 97     |
| 23) Vinyl Acetate             | 6.09 | 43  | 415399 | 105.726 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.05 | 63  | 72270  | 20.608  | ug/l   | 99     |
| 25) 2-Butanone                | 7.01 | 43  | 75362  | 103.476 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.01 | 77  | 58385  | 19.903  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.01 | 96  | 47956  | 20.659  | ug/l   | 100    |
| 28) Bromochloromethane        | 7.36 | 49  | 31048  | 20.509  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.37 | 42  | 50422  | 104.734 | ug/l   | 99     |
| 30) Chloroform                | 7.53 | 83  | 68211  | 20.634  | ug/l   | 97     |
| 31) Cyclohexane               | 7.80 | 56  | 74318  | 20.189  | ug/l # | 96     |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 56465  | 20.522  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 58967  | 21.351  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.10 | 43  | 34080  | 21.600  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.92 | 117 | 49183  | 20.819  | ug/l   | 96     |

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 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 14:44:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.20  | 83   | 76671    | 20.408  | ug/l   | 94       |
| 40) Benzene                    | 8.18  | 78   | 174702   | 20.849  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.37  | 41   | 44326    | 42.527  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 44176    | 21.283  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.29  | 43   | 60396    | 20.989  | ug/l   | 100      |
| 44) Trichloroethene            | 8.96  | 130  | 51802    | 21.027  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 44061    | 21.193  | ug/l   | 96       |
| 46) Dibromomethane             | 9.32  | 93   | 22626    | 20.814  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.51  | 83   | 52210    | 20.932  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 26455    | 20.504  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.32  | 88   | 6605     | 429.540 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 160645   | 107.139 | ug/l   | 99       |
| 52) Toluene                    | 10.25 | 92   | 105758   | 20.943  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 57669    | 21.220  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 68743    | 21.040  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 33367    | 20.966  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 48056    | 21.156  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 58545    | 20.929  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 123987   | 105.407 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.84 | 43   | 110774   | 106.449 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 35122    | 20.696  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 31691    | 20.917  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.73 | 164  | 53766    | 20.847  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.52 | 112  | 111011   | 20.935  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 36390    | 20.785  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 201405   | 20.747  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.71 | 106  | 150503   | 41.393  | ug/l   | 100      |
| 69) o-Xylene                   | 12.03 | 106  | 69764    | 20.437  | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 123571   | 20.865  | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 19592    | 20.578  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.33 | 105  | 189227   | 20.545  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.15 | 43   | 54730    | 20.934  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 22679    | 20.352  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 51749    | 22.032  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 42116    | 20.784  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 234879   | 20.505  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 129430   | 20.792  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 157203   | 20.638  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 14740    | 21.059  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 135122   | 20.710  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 129024   | 20.222  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 158302   | 20.812  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.26 | 105  | 193722   | 20.382  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 170177   | 20.803  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 81476    | 20.747  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 82068    | 20.587  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.70 | 91   | 174668   | 20.831  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 31660    | 20.310  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 75079    | 21.040  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 5542     | 20.564  | ug/l   | 99       |

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Sample : VSTDICC020  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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Response via : Initial Calibration

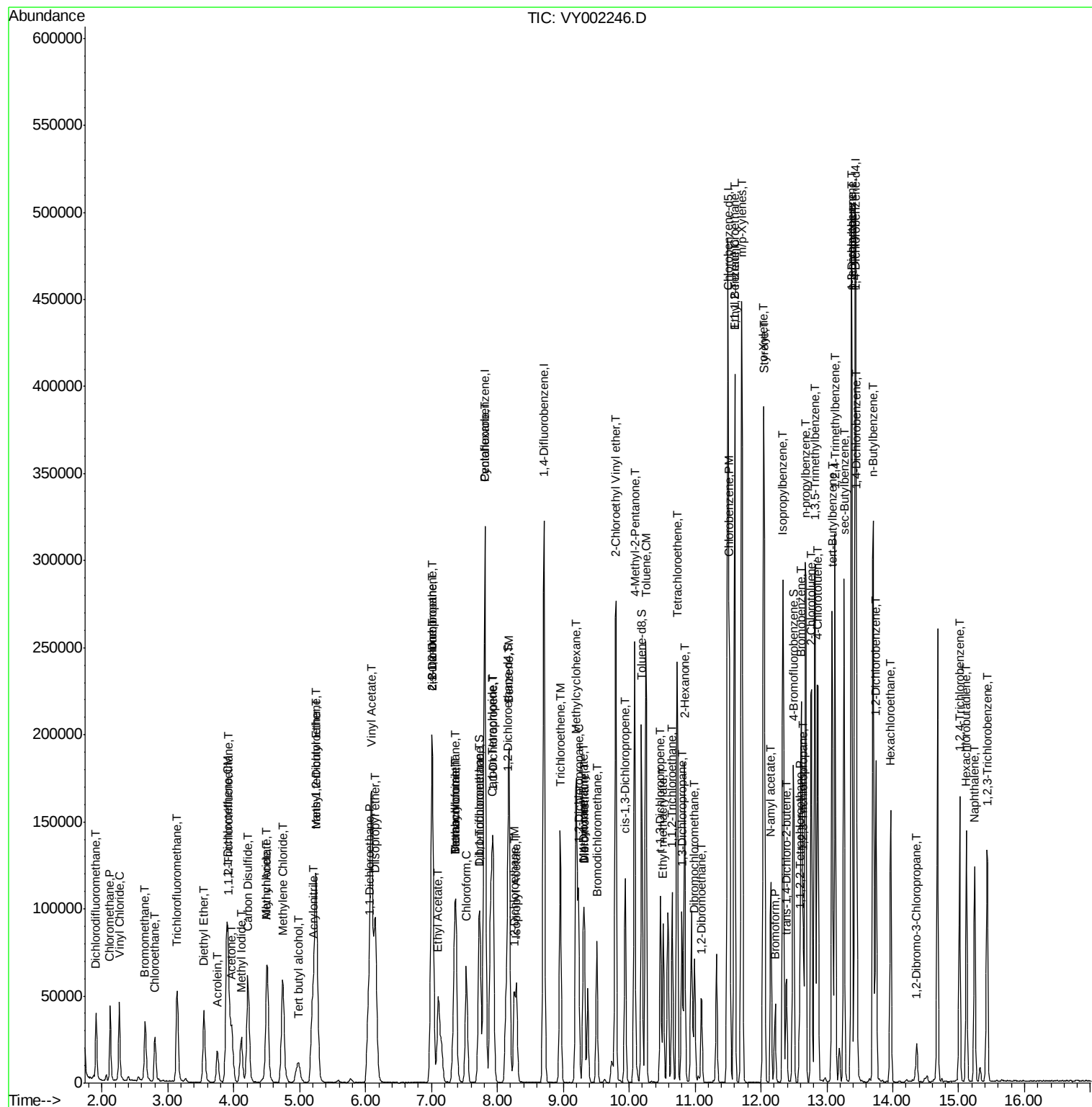
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 47325    | 20.290 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 24382    | 20.755 | ug/l  | 99       |
| 95) Naphthalene            | 15.25 | 128  | 103471   | 20.261 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180  | 41350    | 20.417 | ug/l  | 99       |

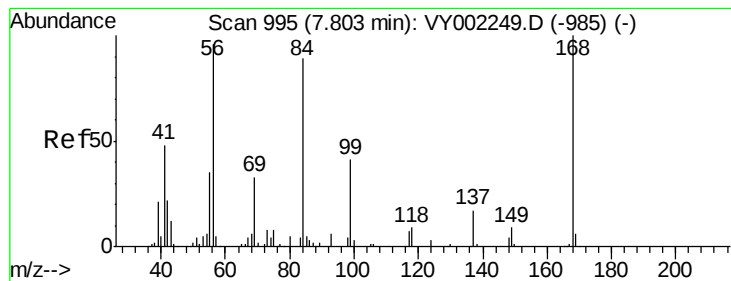
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

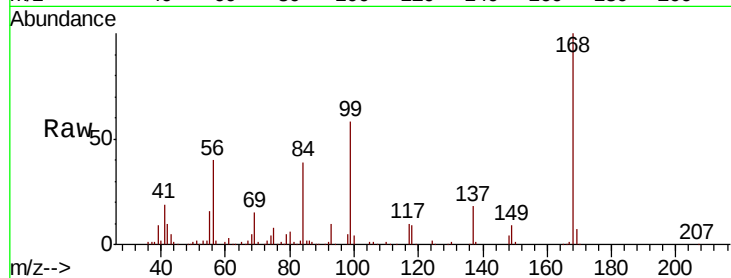
VSTDIC020

Tot Ion:168 Resp: 157122

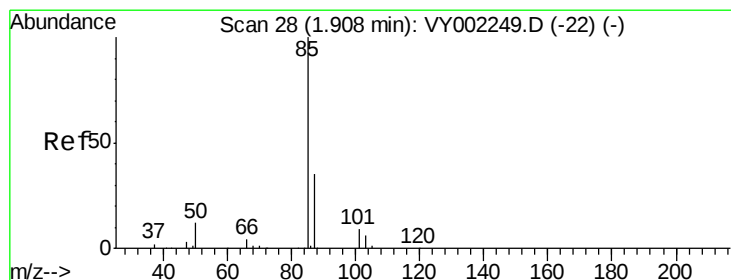
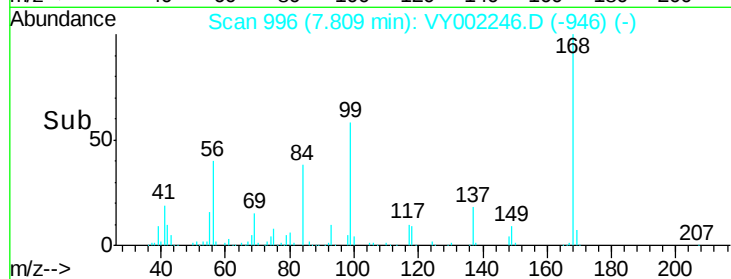
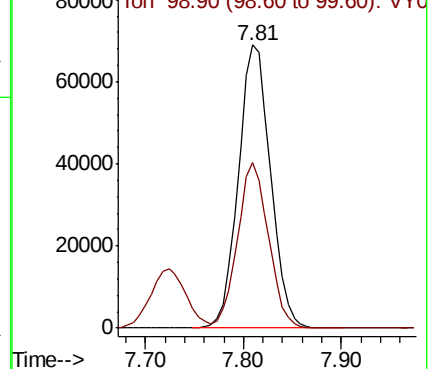
Ion Ratio Lower Upper

168 100

99 58.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 19.613 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002246.D

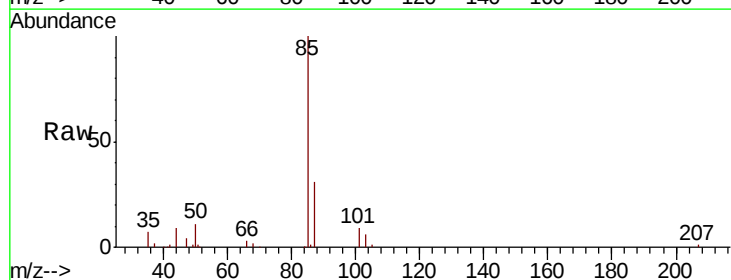
Acq: 08 Apr 2020 12:09

Tgt Ion: 85 Resp: 31145

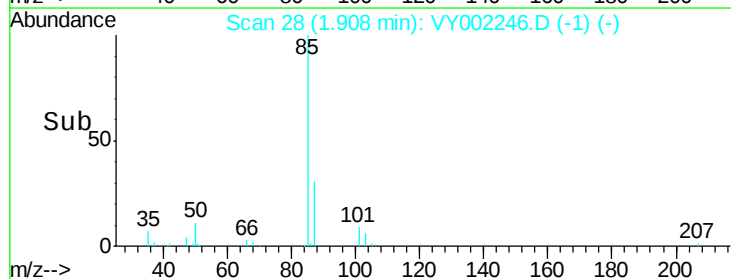
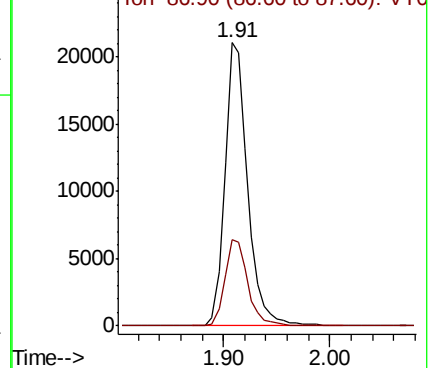
Ion Ratio Lower Upper

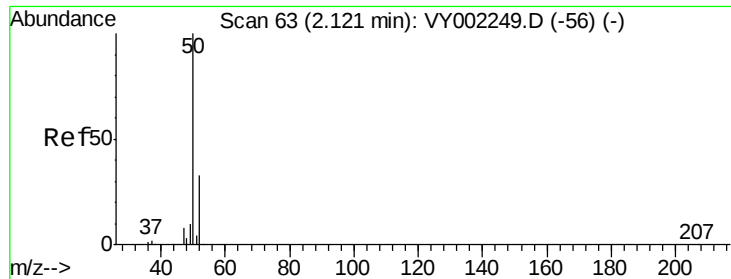
85 100

87 30.7 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)





#3

Chloromethane

Concen: 20.907 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

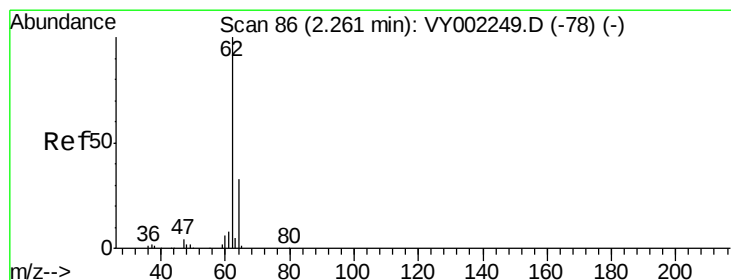
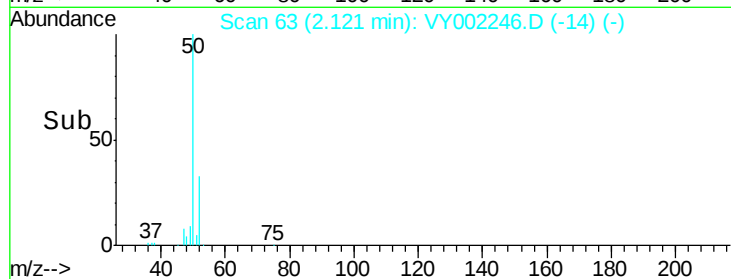
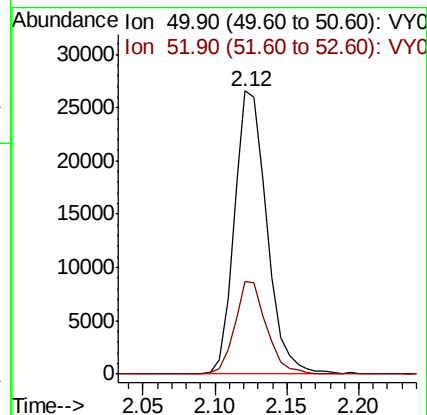
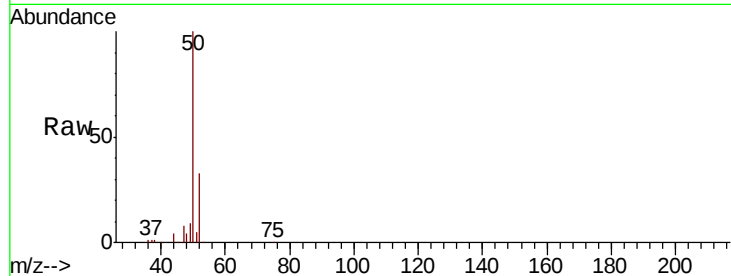
VSTDIC020

Tot Ion: 50 Resp: 41783

Ion Ratio Lower Upper

50 100

52 32.5 26.6 39.8



#4

Vinyl Chloride

Concen: 20.303 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002246.D

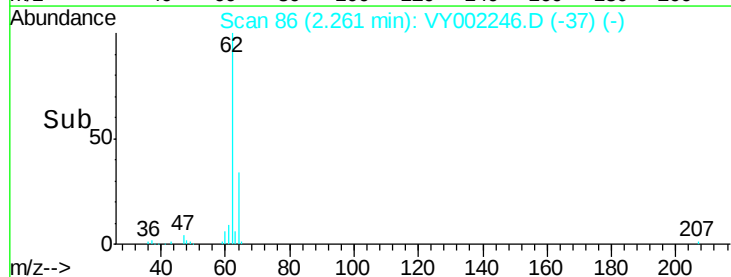
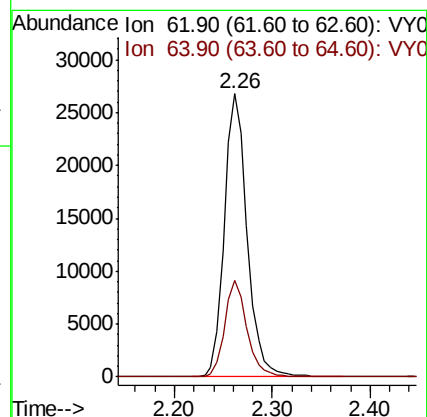
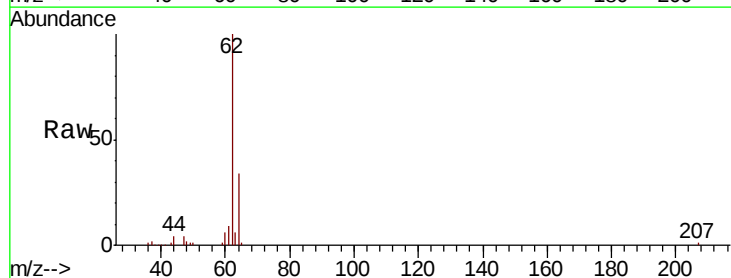
Acq: 08 Apr 2020 12:09

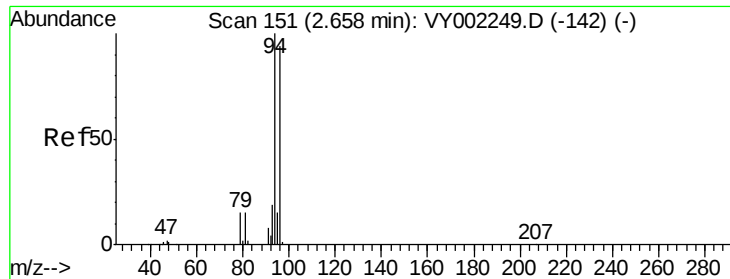
Tgt Ion: 62 Resp: 43190

Ion Ratio Lower Upper

62 100

64 34.2 26.2 39.2





#5

Bromomethane

Concen: 19.952 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

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ClientSampleId :

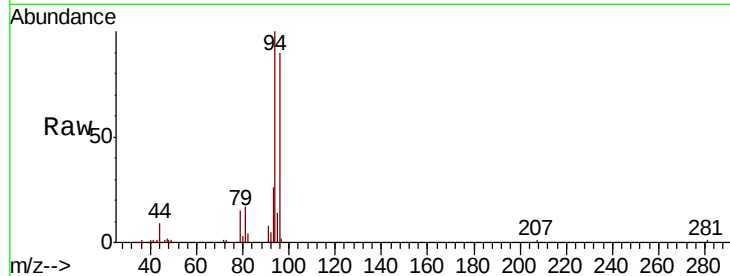
VSTDIC020

Tot Ion: 94 Resp: 26209

Ion Ratio Lower Upper

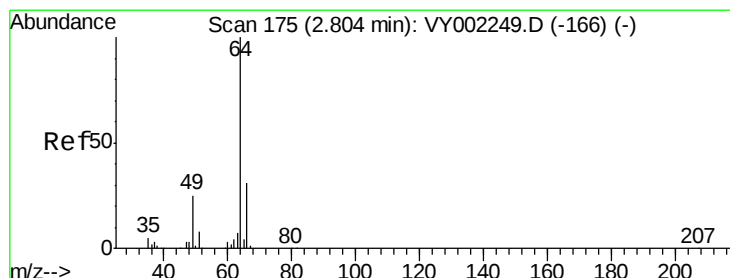
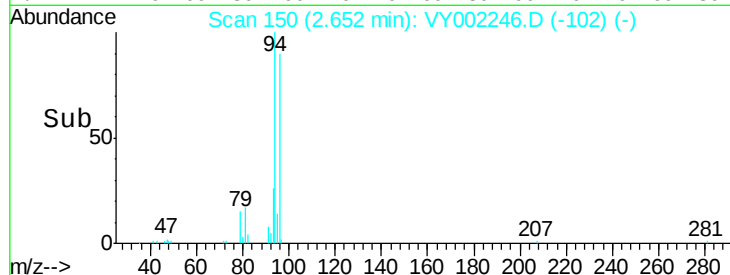
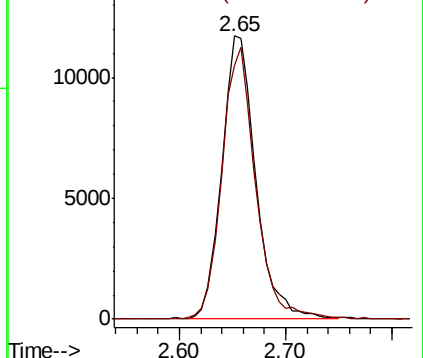
94 100

96 89.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.063 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002246.D

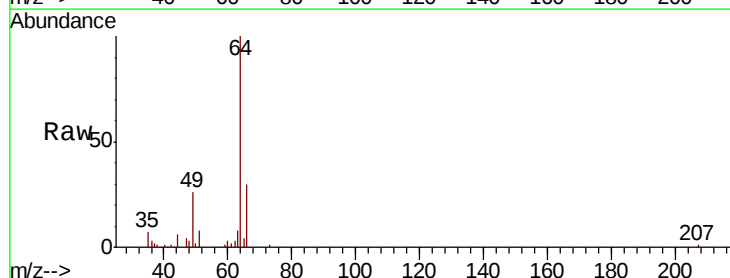
Acq: 08 Apr 2020 12:09

Tgt Ion: 64 Resp: 25840

Ion Ratio Lower Upper

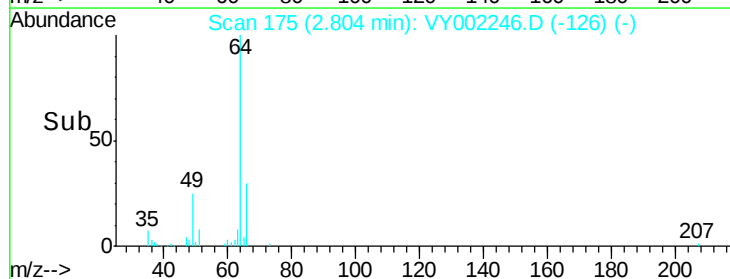
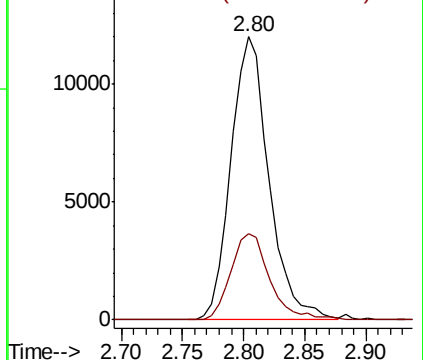
64 100

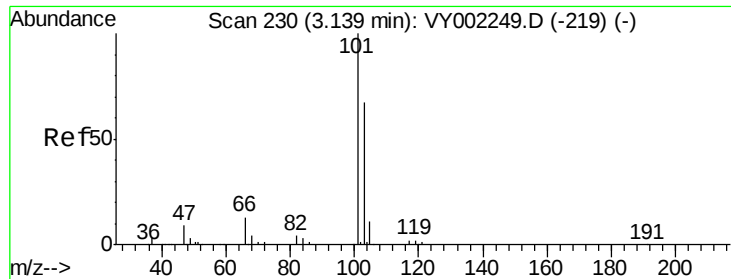
66 30.3 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



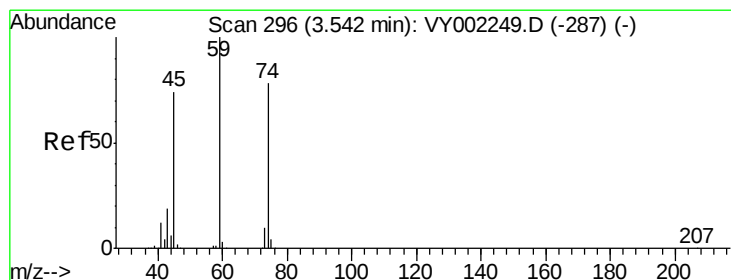
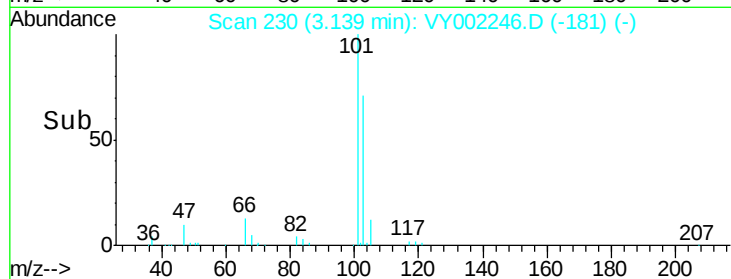
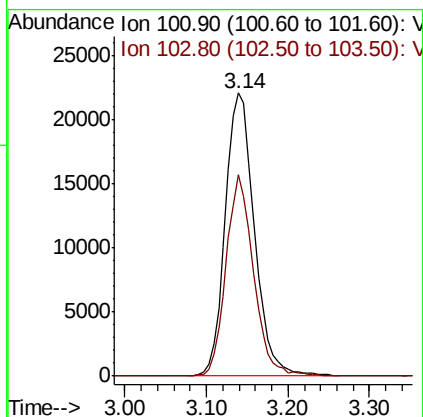
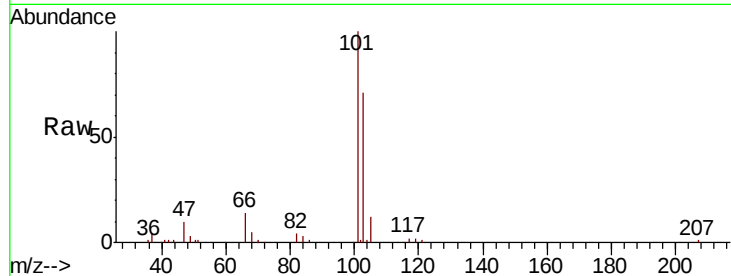


#7

Trichlorofluoromethane  
 Concen: 19.840 ug/l  
 RT: 3.14 min Scan# 230  
 Delta R.T. -0.00 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

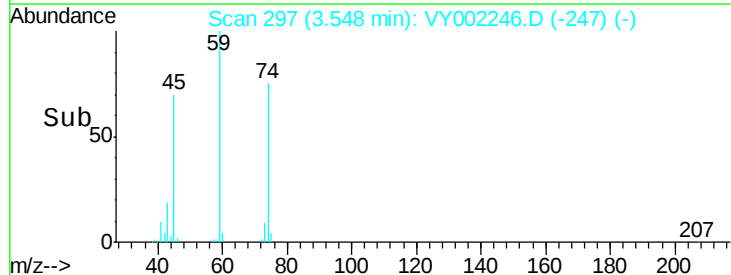
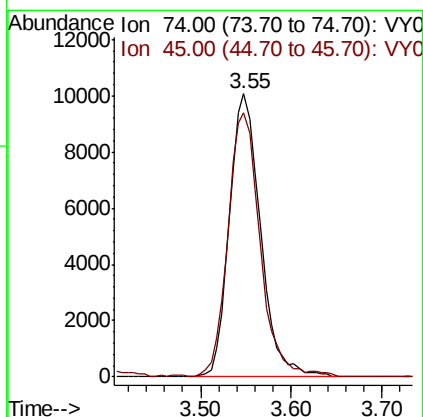
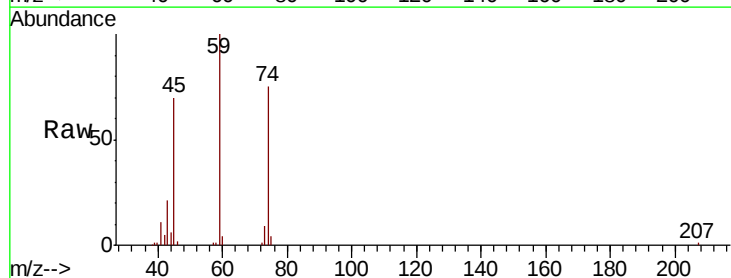
Tot Ion:101 Resp: 54505  
 Ion Ratio Lower Upper  
 101 100  
 103 71.2 53.3 79.9

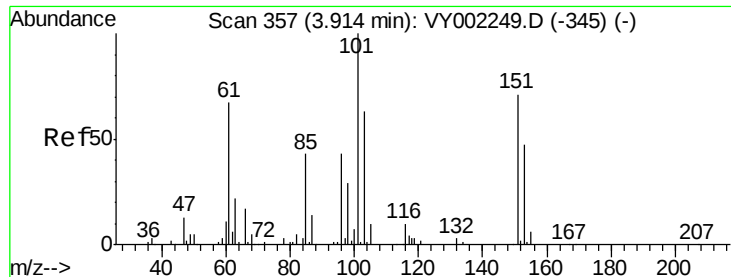


#8

Diethyl Ether  
 Concen: 20.538 ug/l  
 RT: 3.55 min Scan# 297  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion: 74 Resp: 23986  
 Ion Ratio Lower Upper  
 74 100  
 45 97.0 48.0 144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.450 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

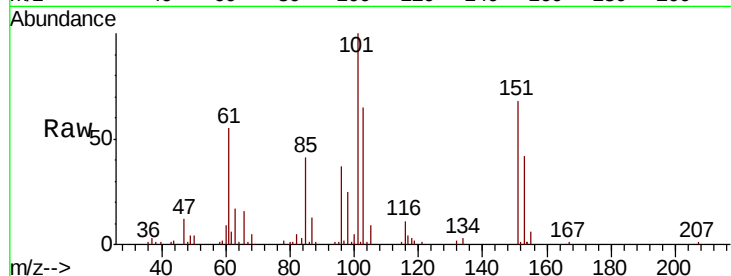
Tot Ion:101 Resp: 38162

Ion Ratio Lower Upper

101 100

85 43.9 34.6 52.0

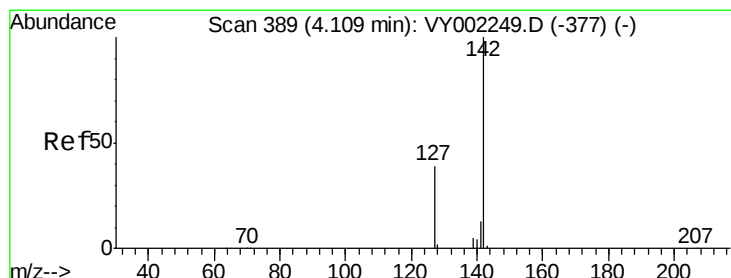
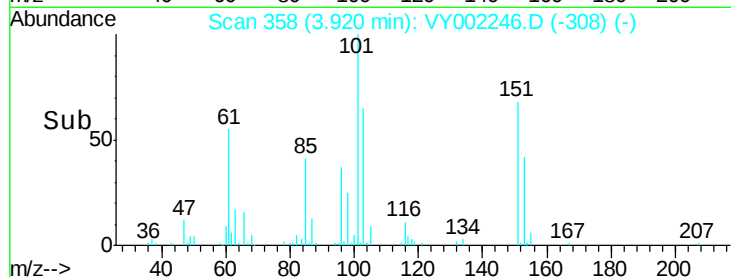
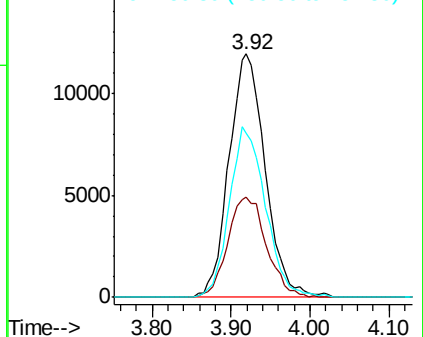
151 69.6 57.6 86.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.579 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

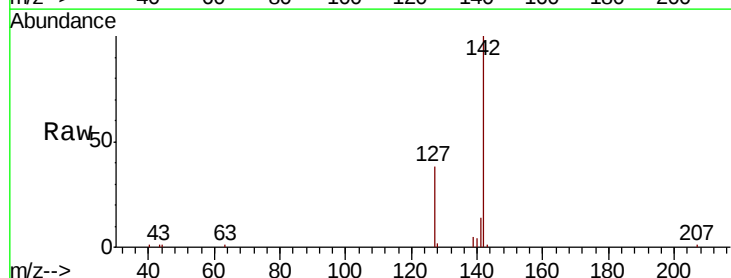
Tgt Ion:142 Resp: 44638

Ion Ratio Lower Upper

142 100

127 39.6 32.4 48.6

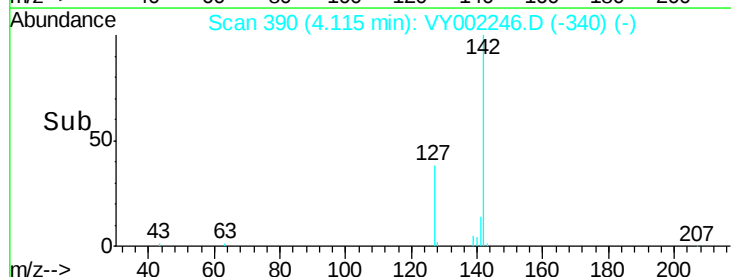
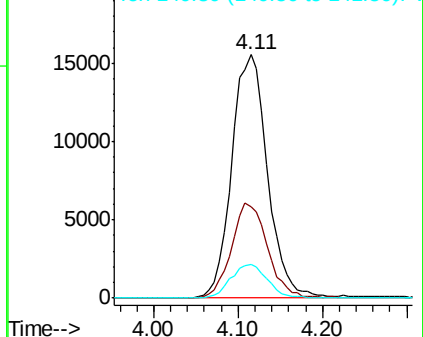
141 14.2 11.2 16.8

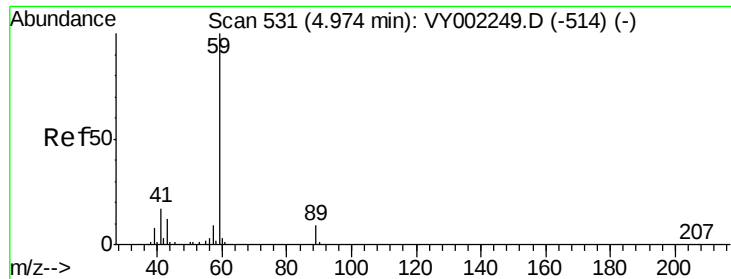


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

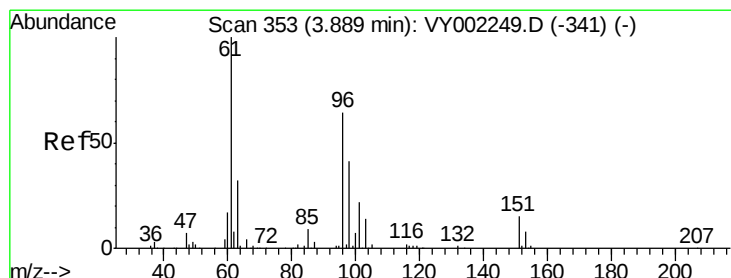
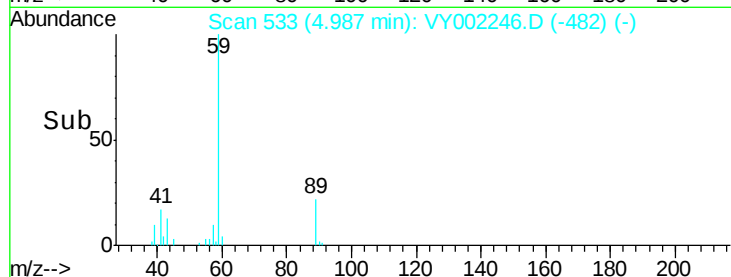
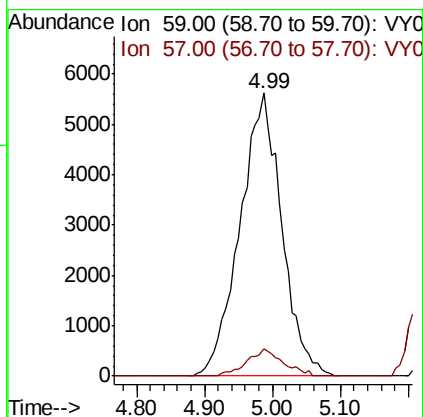
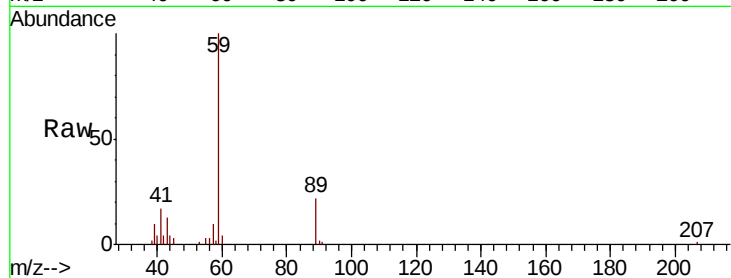




#11  
Tert butyl alcohol  
Concen: 104.500 ug/l  
RT: 4.99 min Scan# 533  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

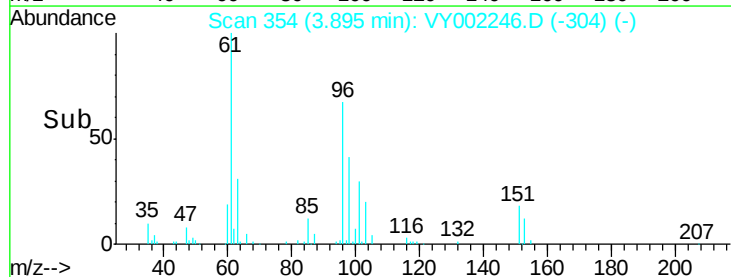
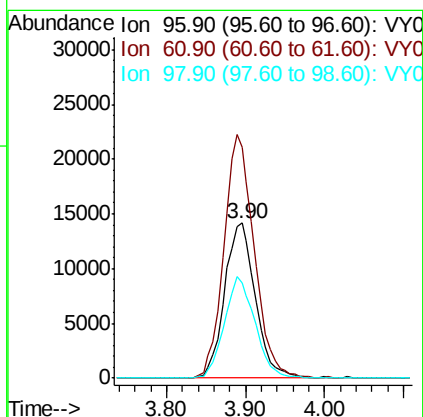
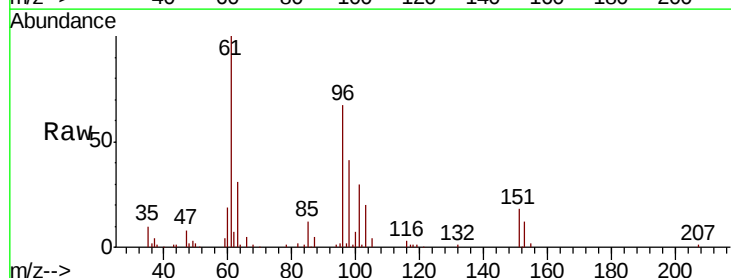
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

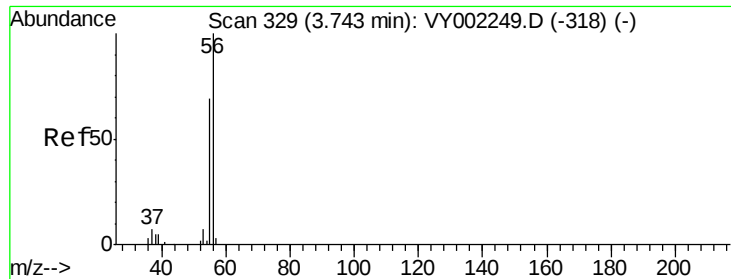
Tot Ion: 59 Resp: 24022  
Ion Ratio Lower Upper  
59 100  
57 8.4 6.6 9.8



#12  
1,1-Dichloroethene  
Concen: 20.248 ug/l  
RT: 3.90 min Scan# 354  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 96 Resp: 38415  
Ion Ratio Lower Upper  
96 100  
61 149.2 125.9 188.9  
98 61.4 51.1 76.7





#13

Acrolein

Concen: 99.430 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

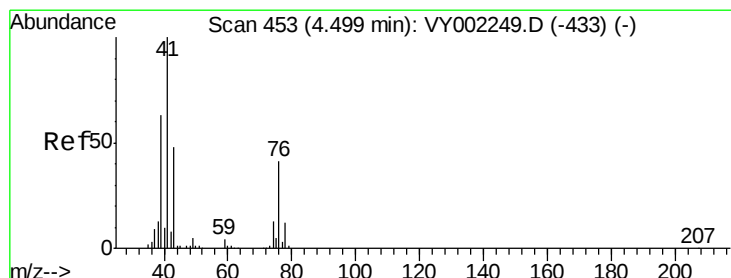
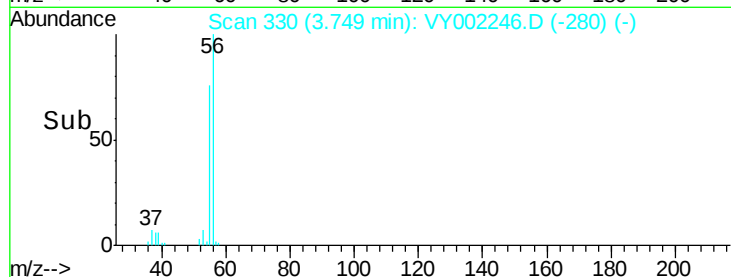
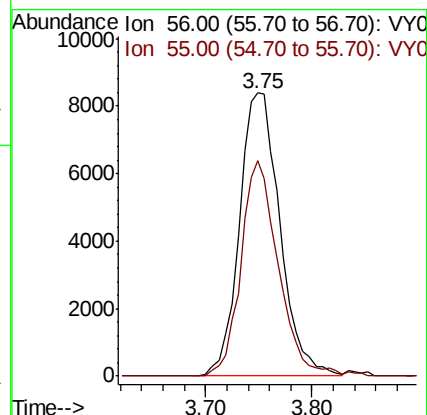
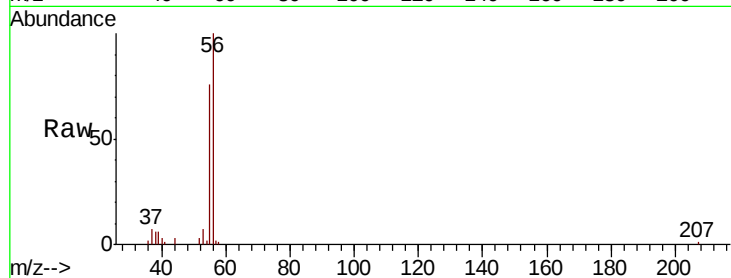
VSTDIC020

Tot Ion: 56 Resp: 22401

Ion Ratio Lower Upper

56 100

55 70.5 55.8 83.8



#14

Allyl chloride

Concen: 20.446 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

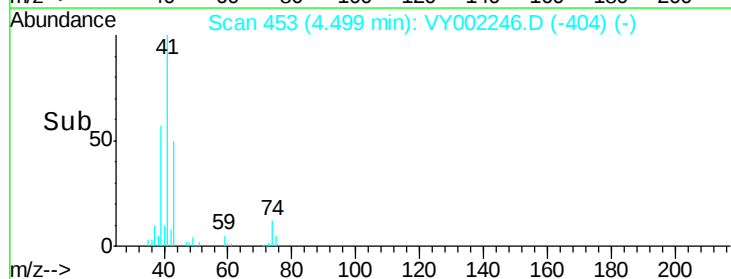
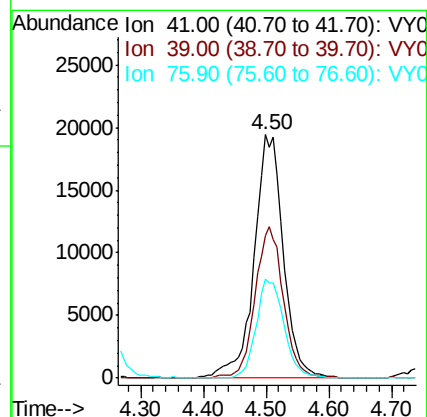
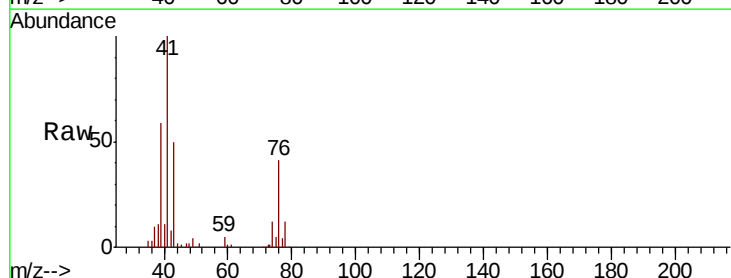
Tgt Ion: 41 Resp: 62641

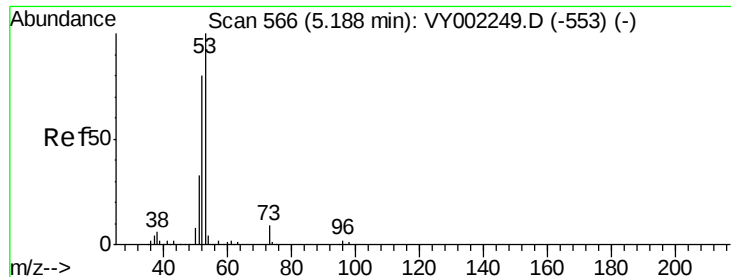
Ion Ratio Lower Upper

41 100

39 60.2 48.0 72.0

76 38.5 31.0 46.6





#15

Acrylonitrile

Concen: 104.914 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

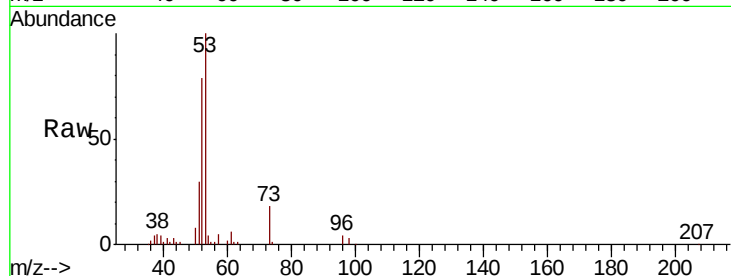
Tot Ion: 53 Resp: 62658

Ion Ratio Lower Upper

53 100

52 81.6 65.1 97.7

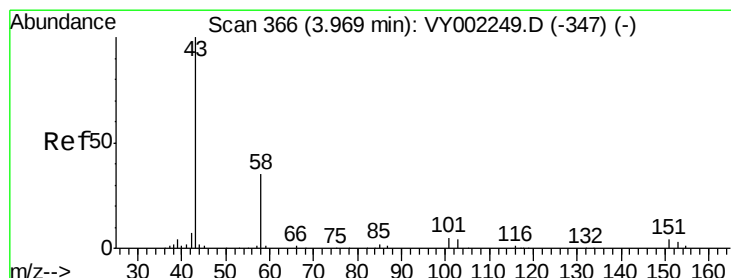
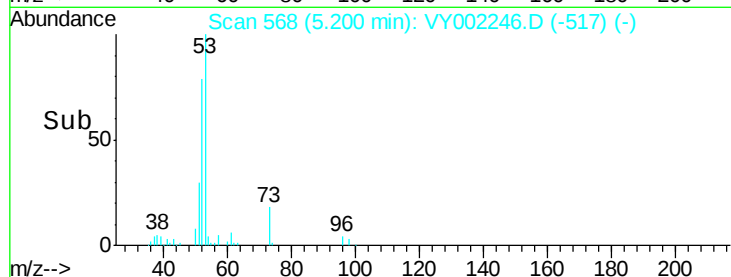
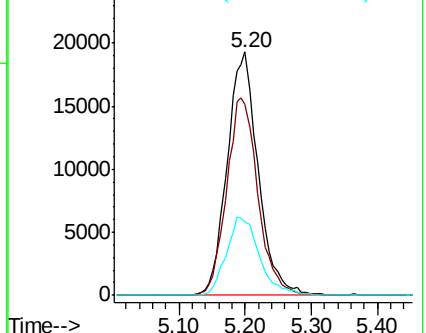
51 34.1 27.1 40.7



Abundance Ion 53.00 (52.70 to 53.70): VY002246.D (-517) (-)

Ion 52.00 (51.70 to 52.70): VY002246.D (-517) (-)

Ion 51.00 (50.70 to 51.70): VY002246.D (-517) (-)



#16

Acetone

Concen: 101.404 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002246.D

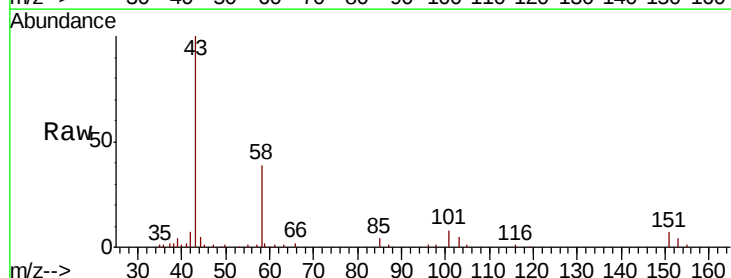
Acq: 08 Apr 2020 12:09

Tgt Ion: 43 Resp: 46667

Ion Ratio Lower Upper

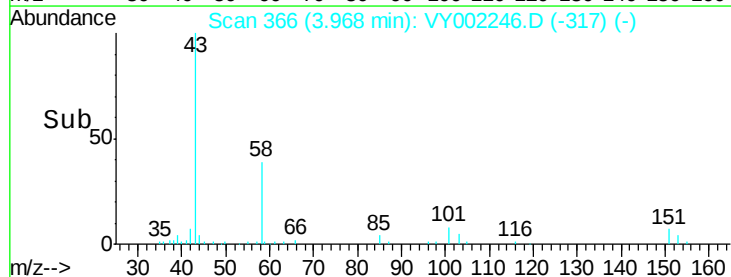
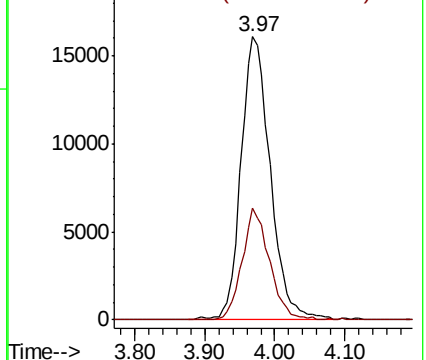
43 100

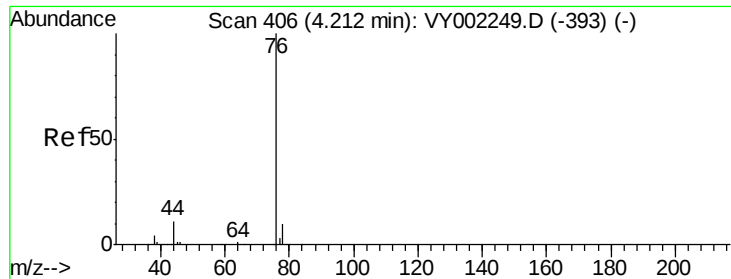
58 39.4 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002246.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY002246.D (-317) (-)

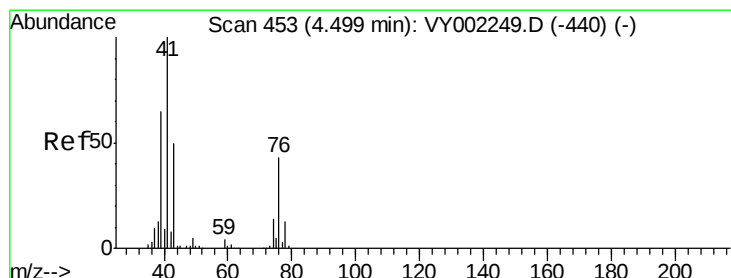
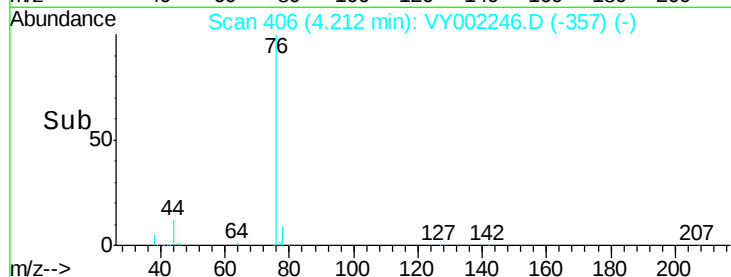
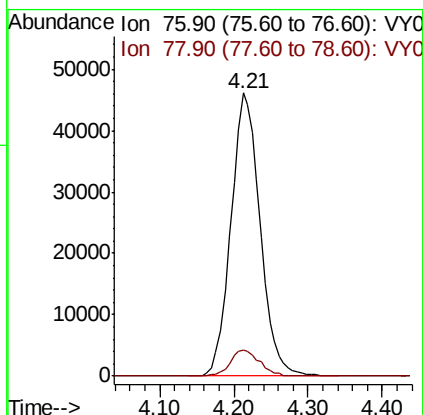
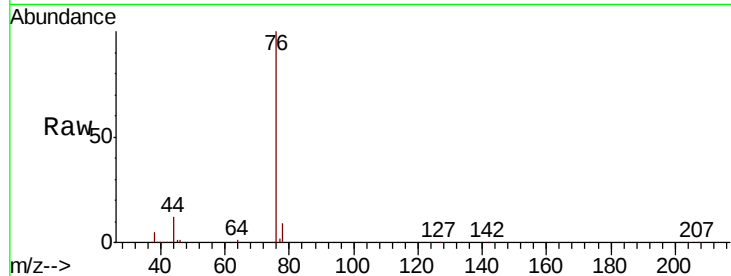




#17  
Carbon Disulfide  
Concen: 20.090 ug/l  
RT: 4.21 min Scan# 406  
Delta R.T. -0.00 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

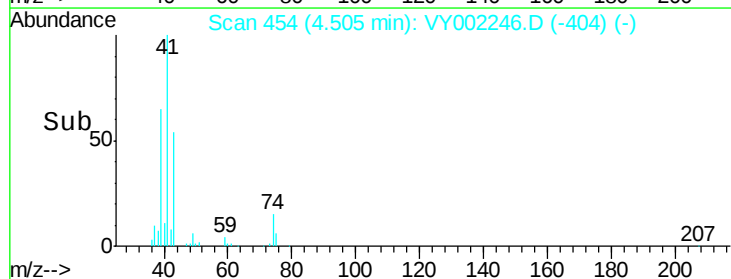
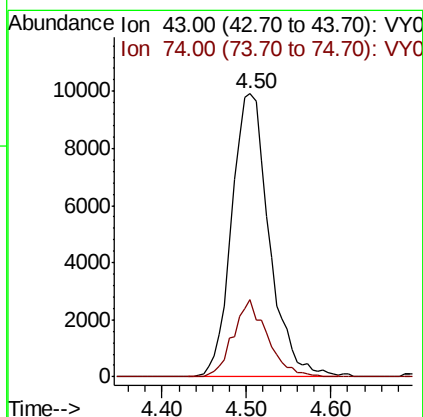
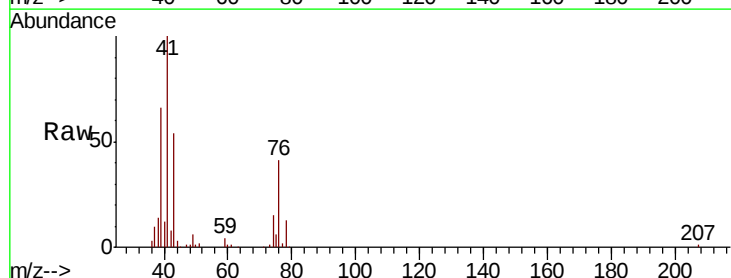
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

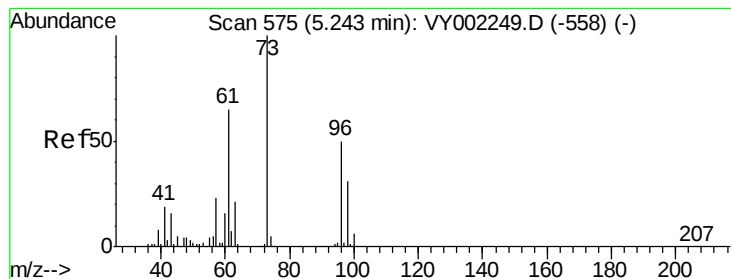
Tot Ion: 76 Resp: 126583  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.7 11.5



#18  
Methyl Acetate  
Concen: 20.917 ug/l  
RT: 4.50 min Scan# 454  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 43 Resp: 29858  
Ion Ratio Lower Upper  
43 100  
74 24.9 20.3 30.5



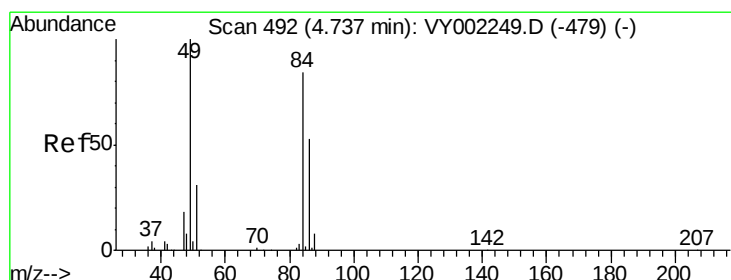
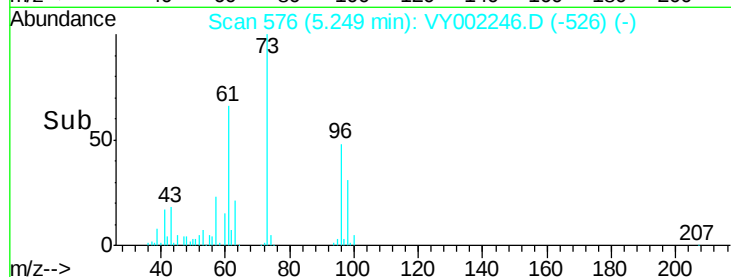
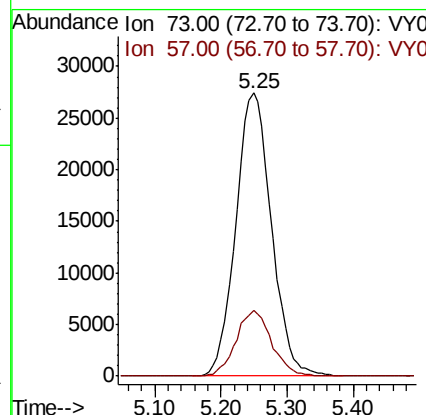
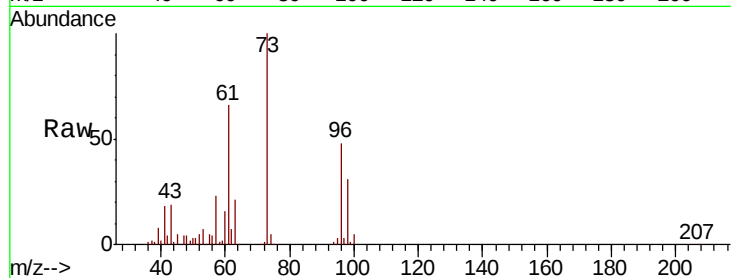


#19

Methyl tert-butyl Ether  
 Concen: 20.533 ug/l  
 RT: 5.25 min Scan# 576  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

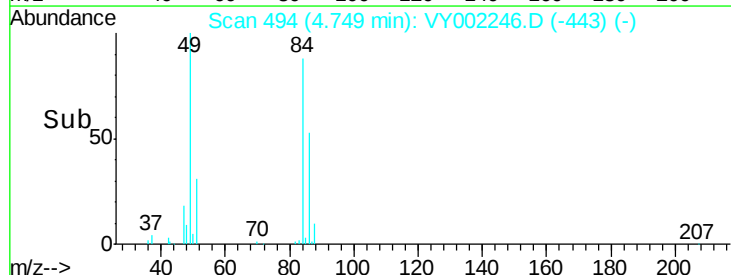
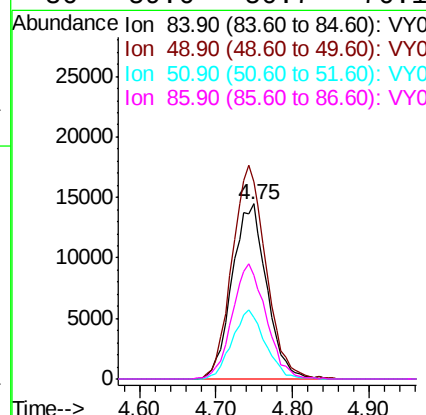
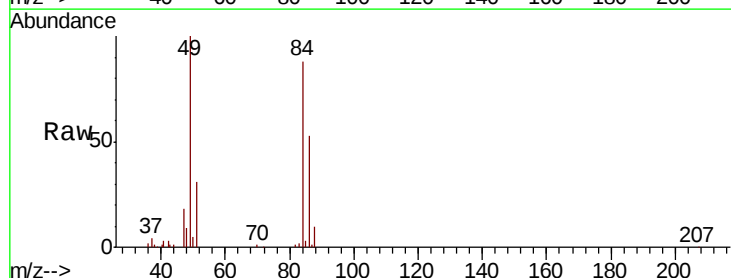
Tot Ion: 73 Resp: 102413  
 Ion Ratio Lower Upper  
 73 100  
 57 23.3 18.7 28.1

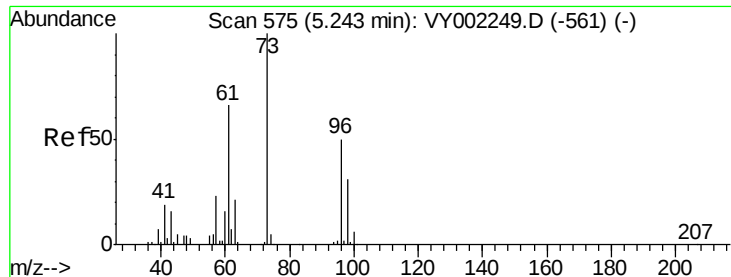


#20

Methylene Chloride  
 Concen: 19.958 ug/l  
 RT: 4.75 min Scan# 494  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion: 84 Resp: 45145  
 Ion Ratio Lower Upper  
 84 100  
 49 113.0 95.5 143.3  
 51 35.3 29.5 44.3  
 86 59.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.395 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampled :

VSTDIC020

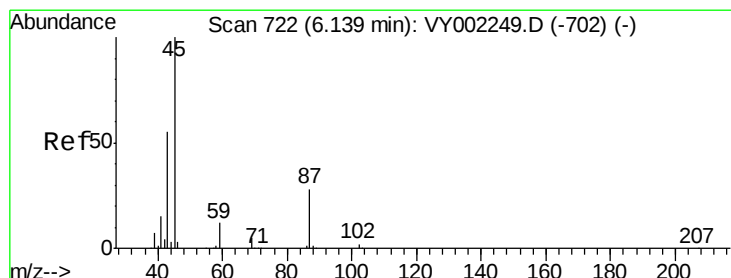
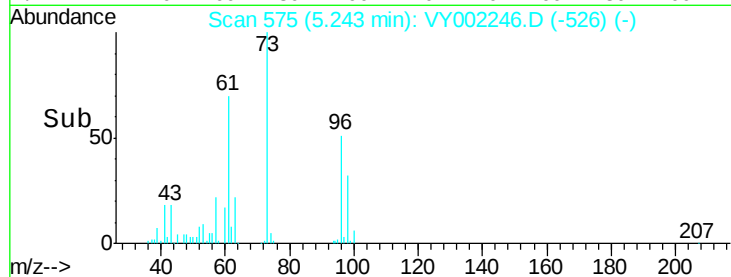
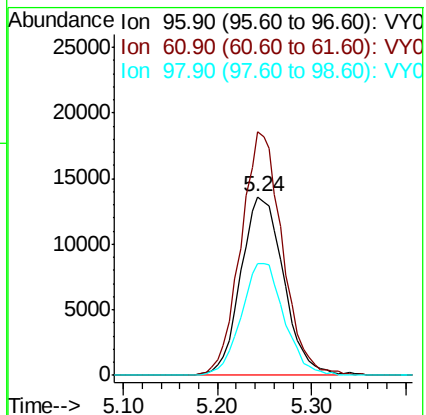
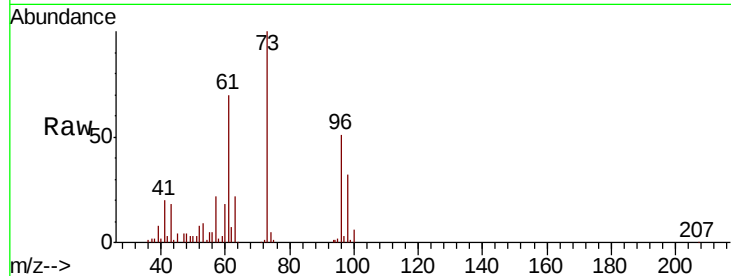
Tot Ion: 96 Resp: 43432

Ion Ratio Lower Upper

96 100

61 136.2 104.6 157.0

98 62.6 50.1 75.1



#22

Diisopropyl ether

Concen: 21.290 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Tgt Ion: 45 Resp: 131262

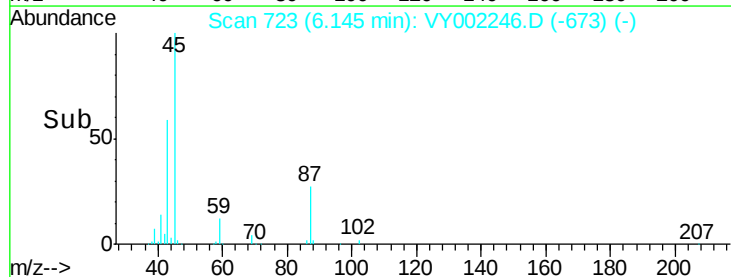
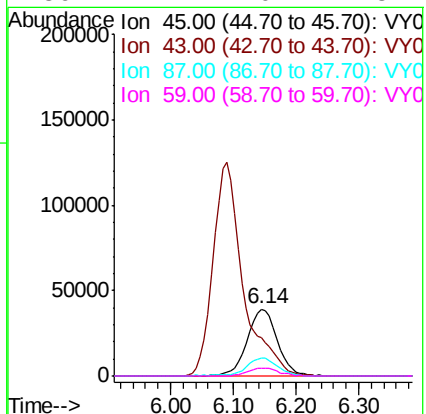
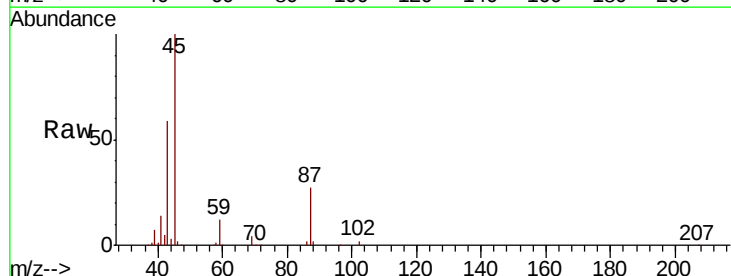
Ion Ratio Lower Upper

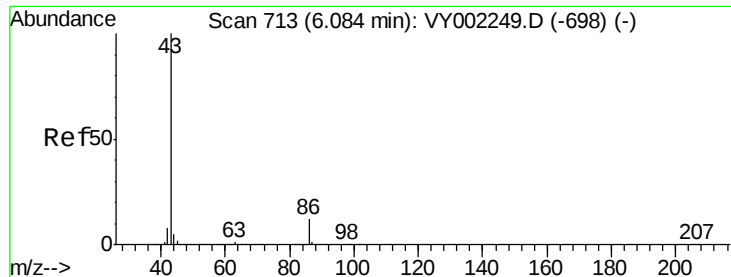
45 100

43 58.2 44.7 67.1

87 26.7 23.0 34.4

59 12.1 10.1 15.1





#23

Vinyl Acetate

Concen: 105.726 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

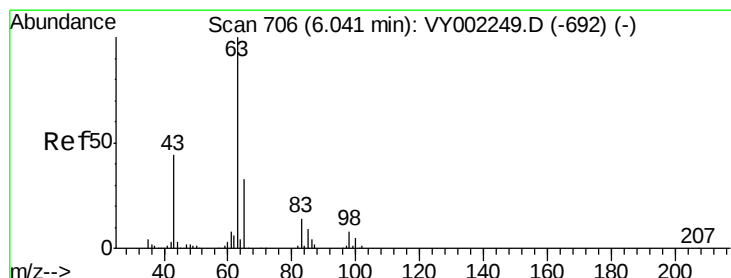
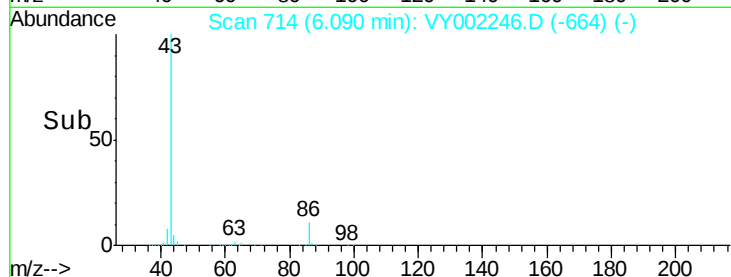
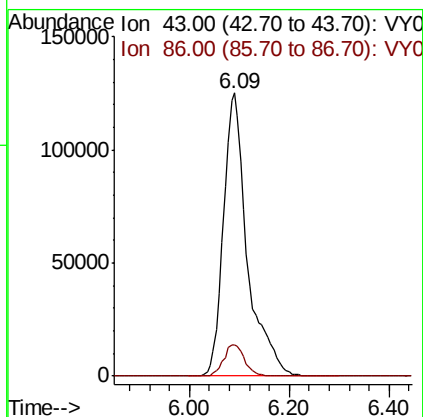
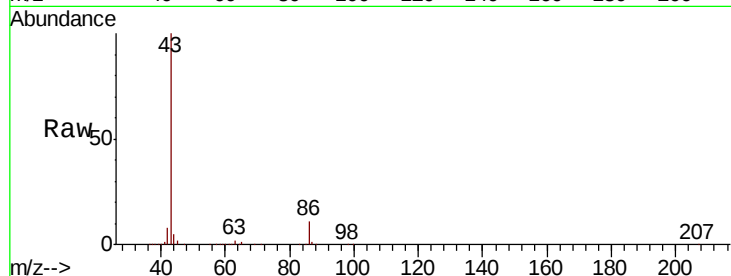
VSTDIC020

Tot Ion: 43 Resp: 415399

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 20.608 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

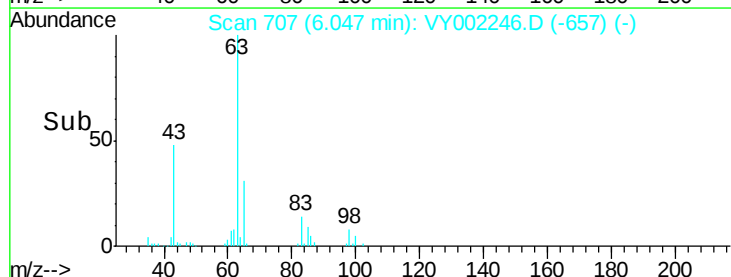
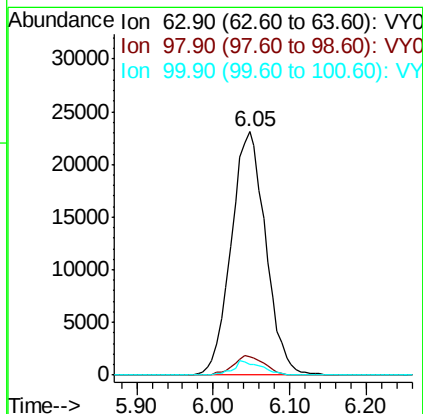
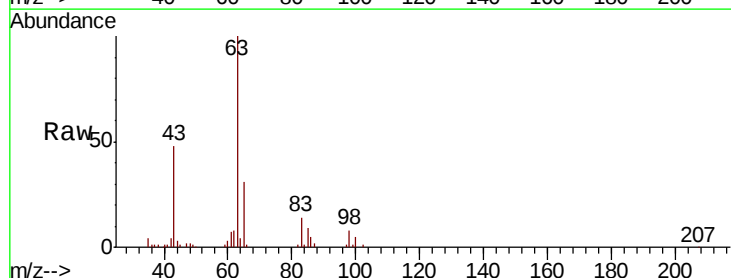
Tgt Ion: 63 Resp: 72270

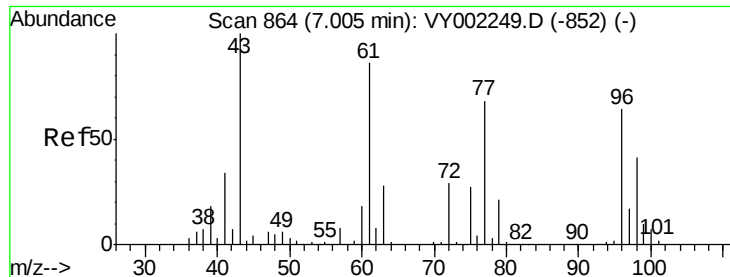
Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.0

100 4.6 2.4 7.1

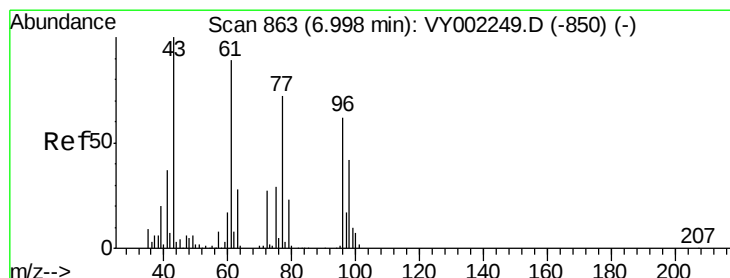
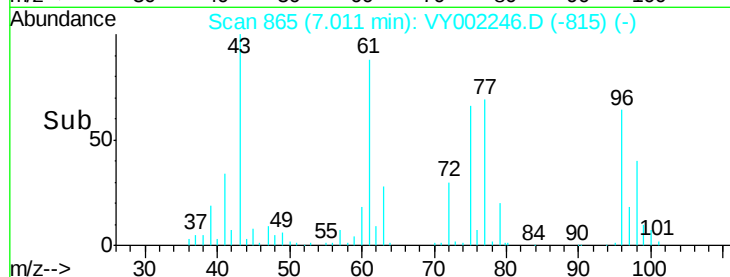
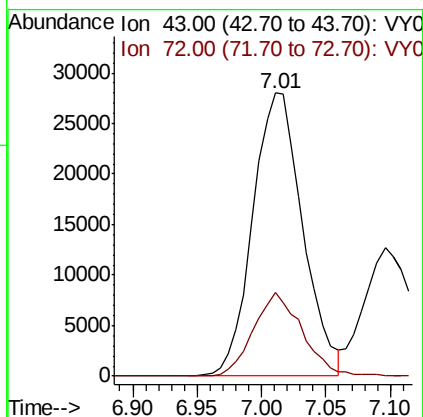
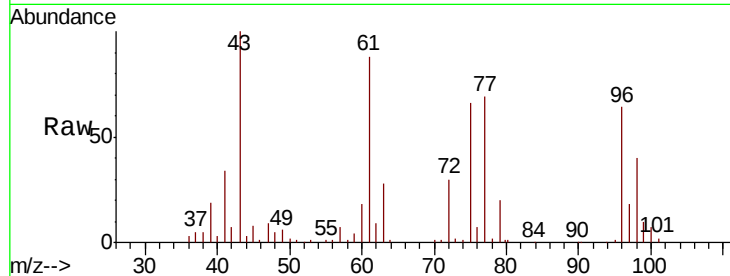




#25  
2-Butanone  
Concen: 103.476 ug/l  
RT: 7.01 min Scan# 865  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

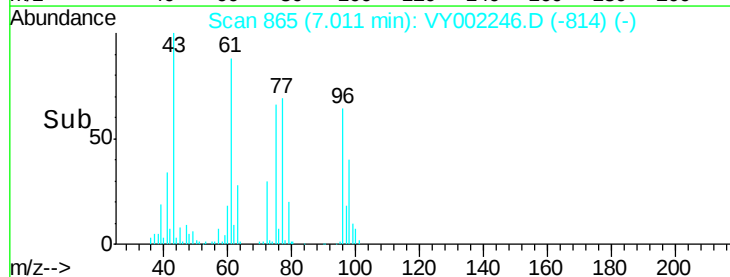
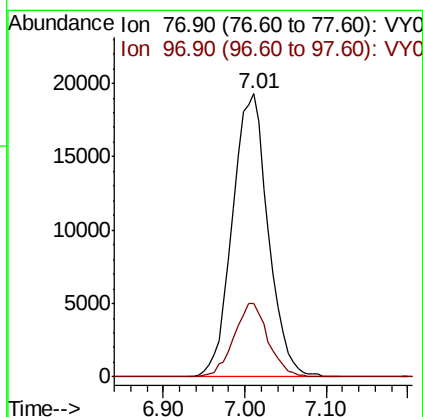
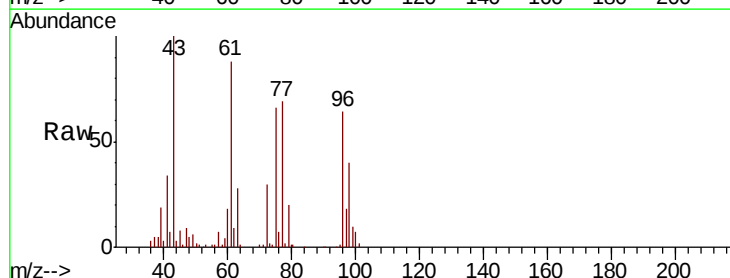
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

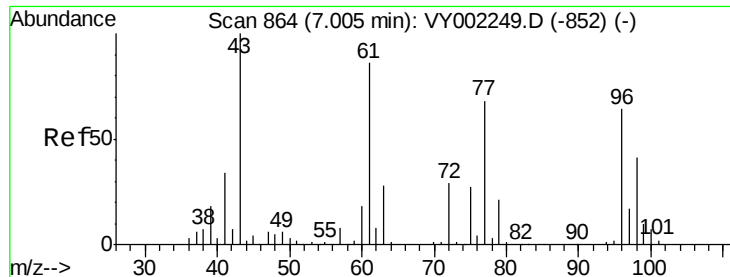
Tot Ion: 43 Resp: 75362  
Ion Ratio Lower Upper  
43 100  
72 29.8 23.2 34.8



#26  
2,2-Dichloropropane  
Concen: 19.903 ug/l  
RT: 7.01 min Scan# 865  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 77 Resp: 58385  
Ion Ratio Lower Upper  
77 100  
97 24.9 12.2 36.6



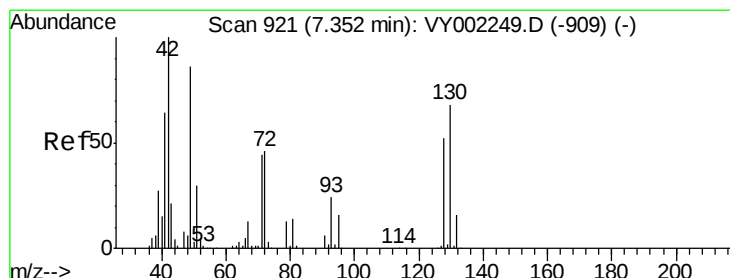
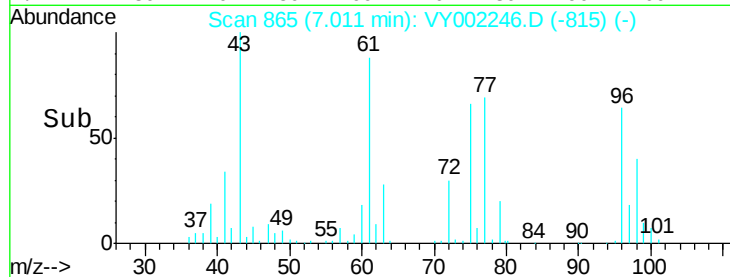
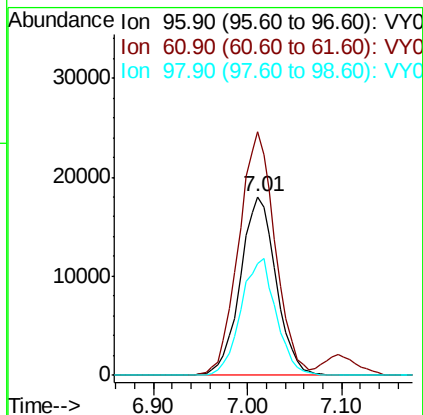
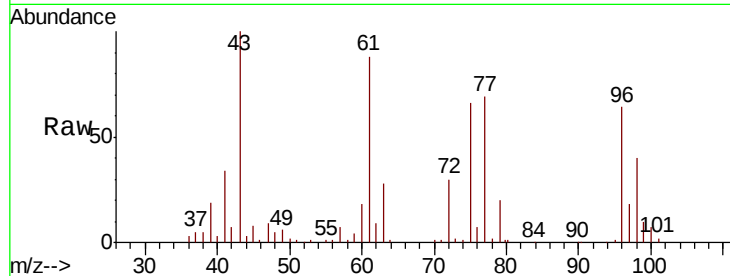


#27

cis-1,2-Dichloroethene  
 Concen: 20.659 ug/l  
 RT: 7.01 min Scan# 865  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

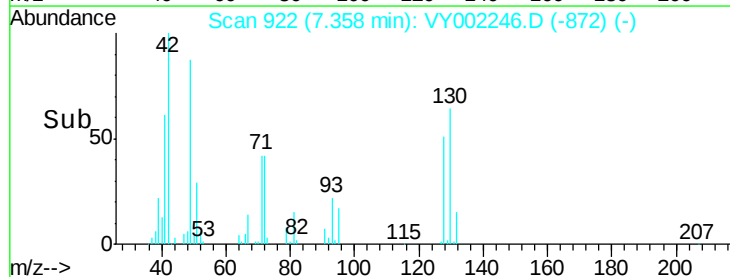
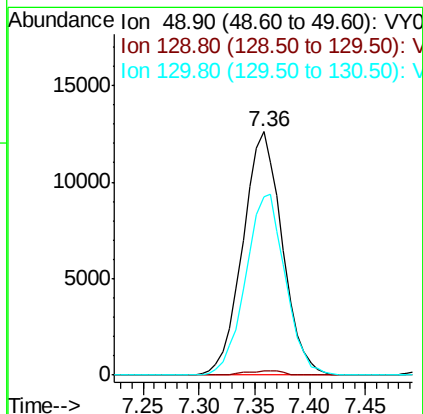
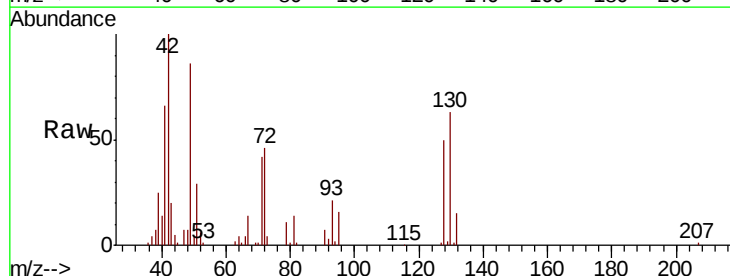
Tot Ion: 96 Resp: 47956  
 Ion Ratio Lower Upper  
 96 100  
 61 138.5 0.0 278.0  
 98 64.5 0.0 128.6

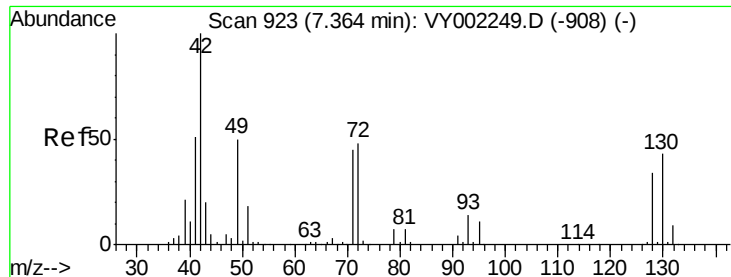


#28

Bromochloromethane  
 Concen: 20.509 ug/l  
 RT: 7.36 min Scan# 922  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion: 49 Resp: 31048  
 Ion Ratio Lower Upper  
 49 100  
 129 1.6 0.0 4.2  
 130 75.0 60.9 91.3

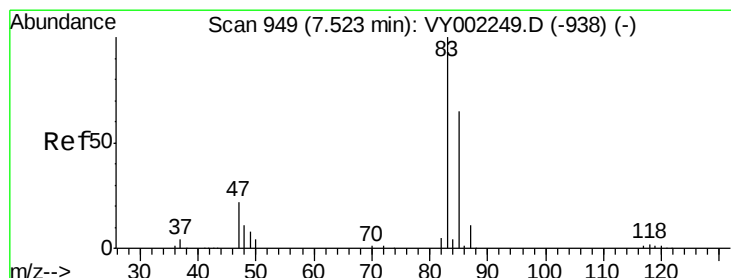
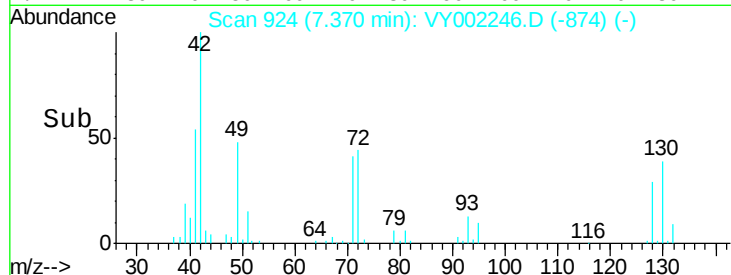
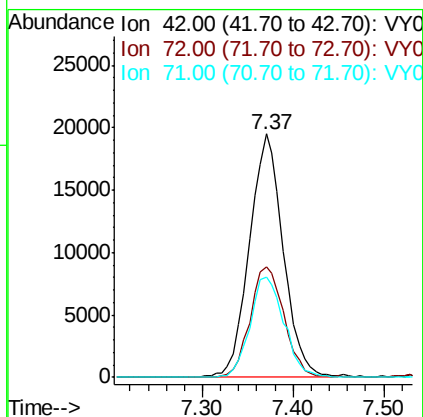
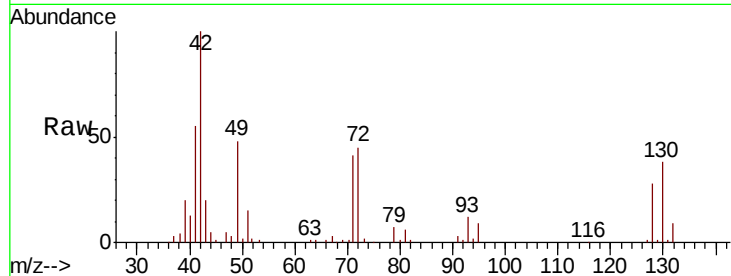




#29  
Tetrahydrofuran  
Concen: 104.734 ug/l  
RT: 7.37 min Scan# 924  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

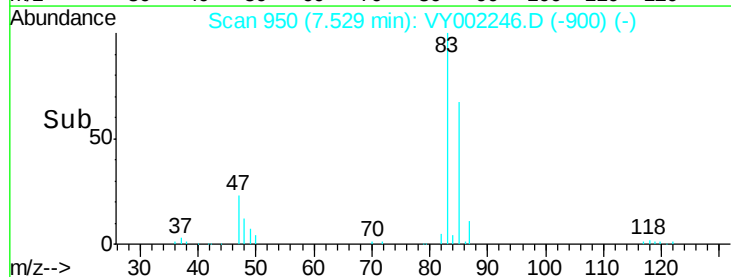
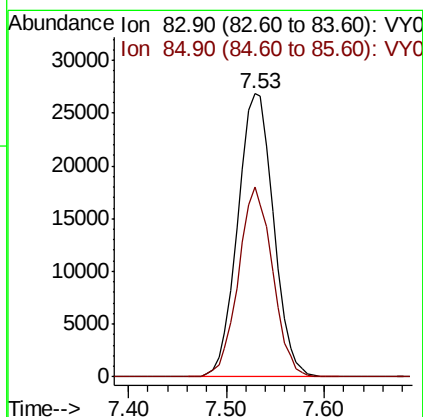
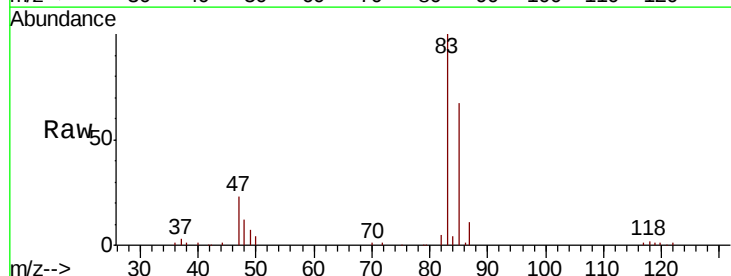
Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC020

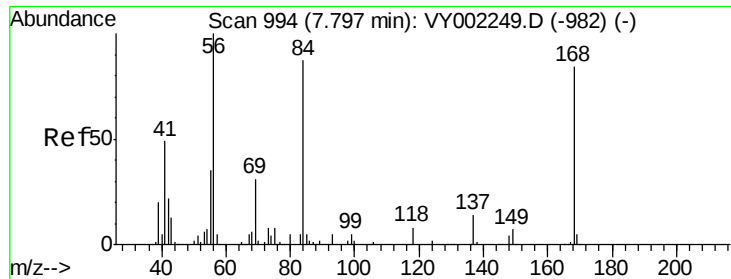
Tot Ion: 42 Resp: 50422  
Ion Ratio Lower Upper  
42 100  
72 45.8 36.7 55.1  
71 41.5 34.7 52.1



#30  
Chloroform  
Concen: 20.634 ug/l  
RT: 7.53 min Scan# 950  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 83 Resp: 68211  
Ion Ratio Lower Upper  
83 100  
85 67.0 52.0 78.0

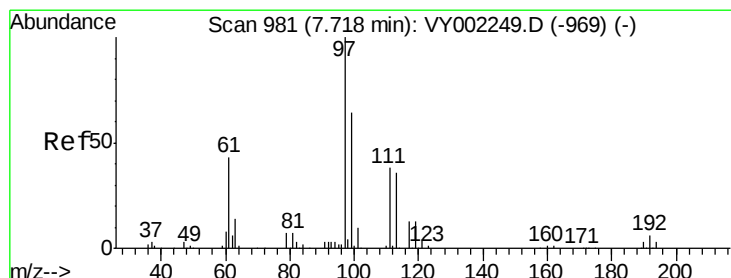
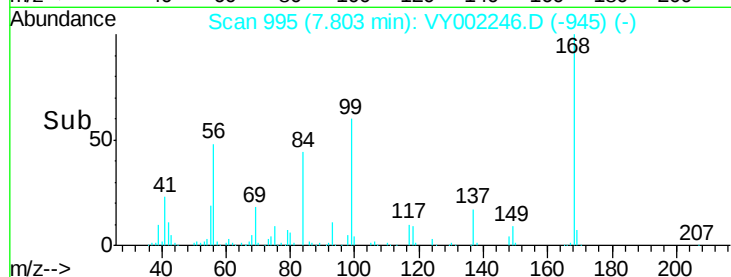
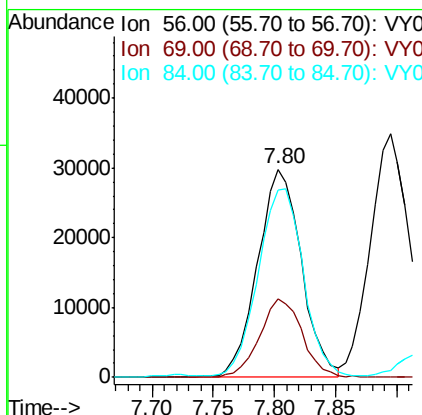
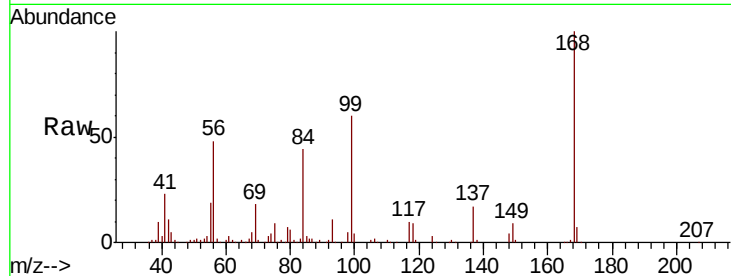




#31  
Cyclohexane  
Concen: 20.189 ug/l  
RT: 7.80 min Scan# 995  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

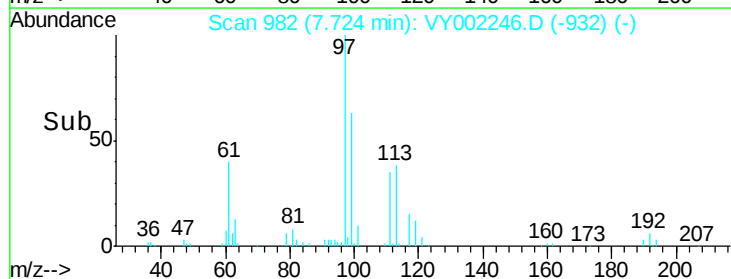
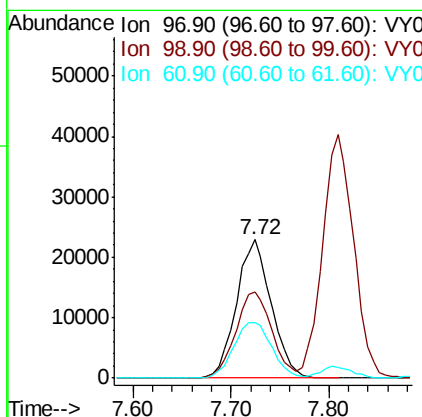
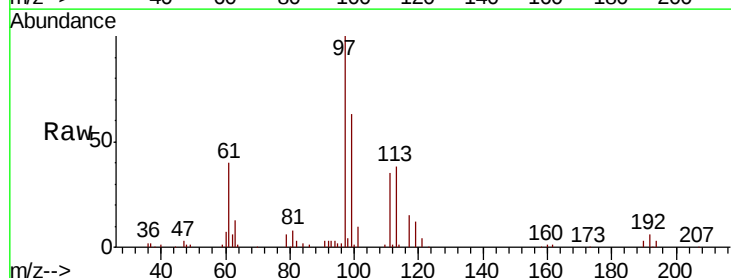
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

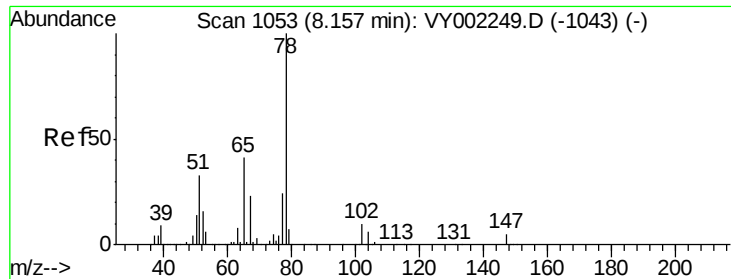
Tot Ion: 56 Resp: 74318  
Ion Ratio Lower Upper  
56 100  
69 37.6 25.0 37.6#  
84 89.0 69.7 104.5



#32  
1,1,1-Trichloroethane  
Concen: 20.522 ug/l  
RT: 7.72 min Scan# 982  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 97 Resp: 56465  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.3 76.9  
61 43.7 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 19.314 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

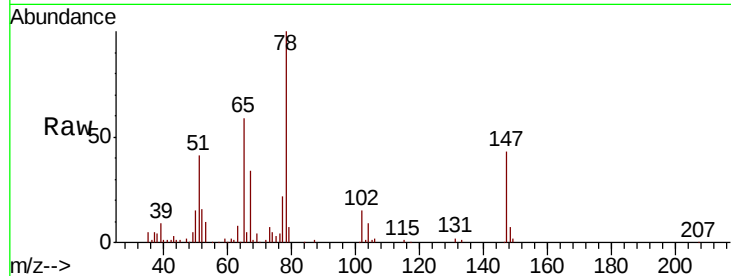
VSTDIC020

Tot Ion: 65 Resp: 33748

Ion Ratio Lower Upper

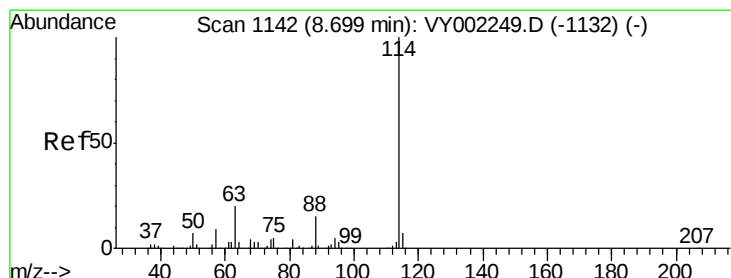
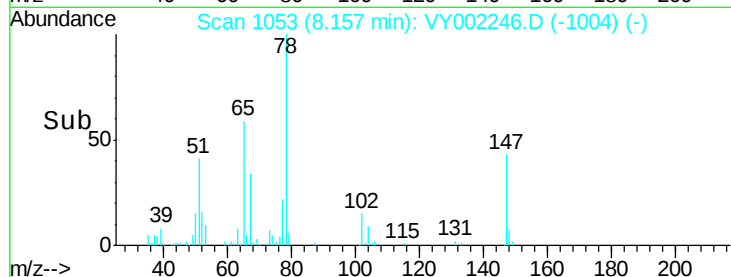
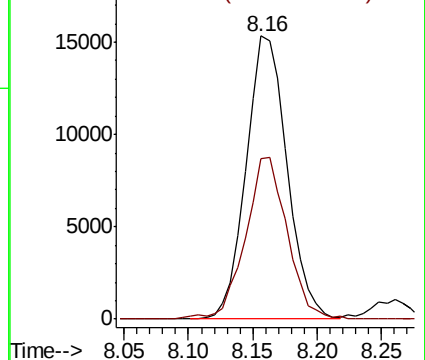
65 100

67 57.8 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

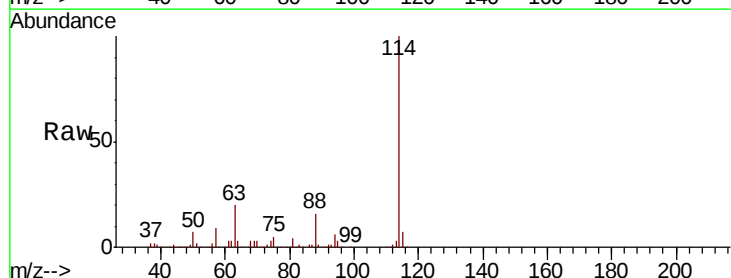
Tgt Ion: 114 Resp: 280390

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

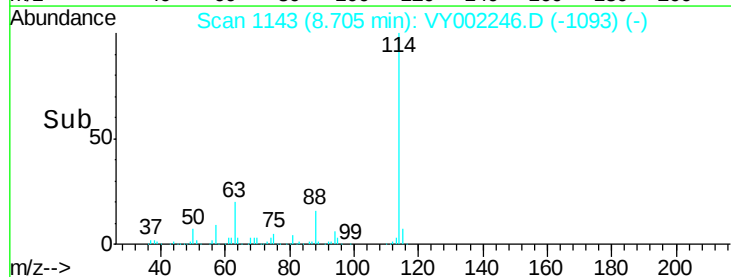
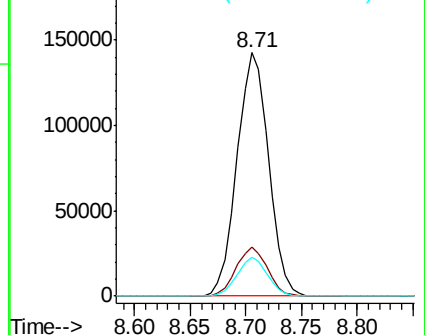
88 15.8 0.0 31.0

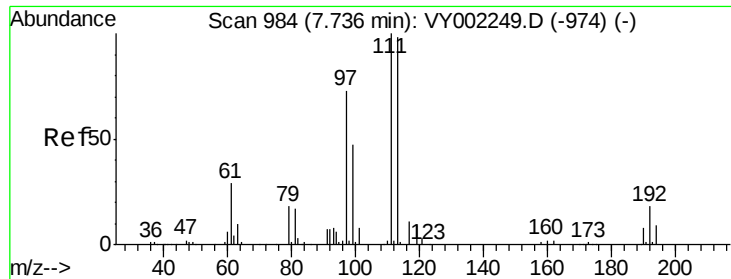


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

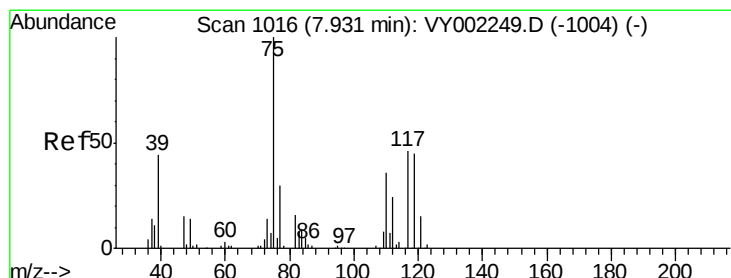
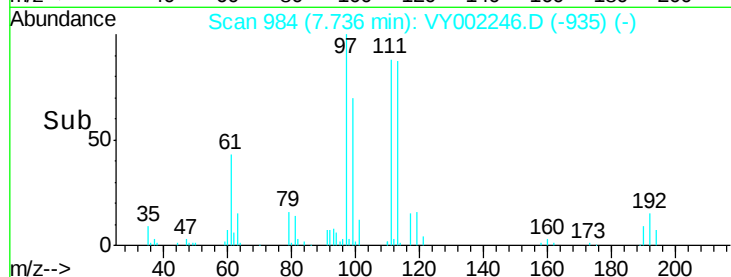
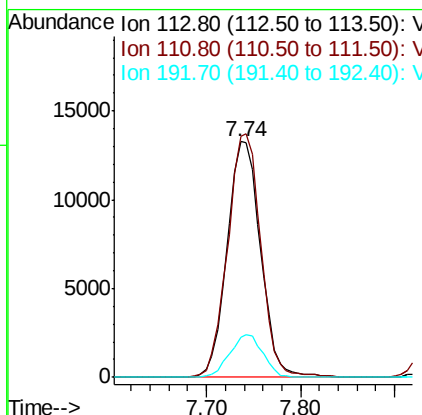
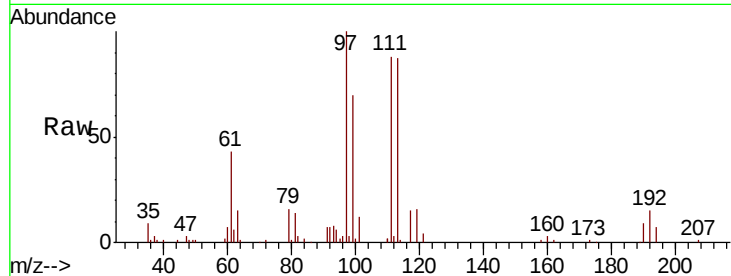




#35  
 Dibromofluoromethane  
 Concen: 19.646 ug/l  
 RT: 7.74 min Scan# 984  
 Delta R.T. -0.00 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

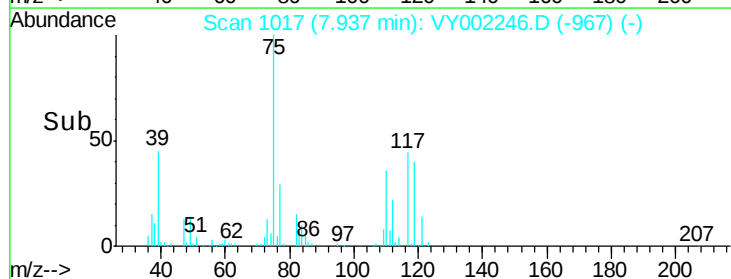
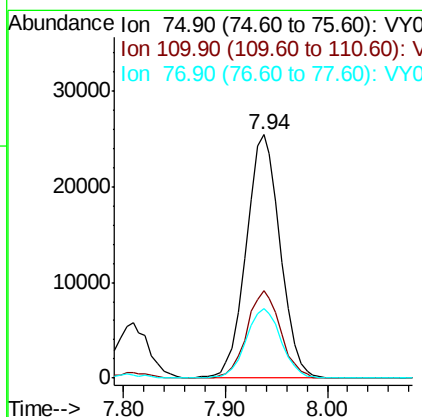
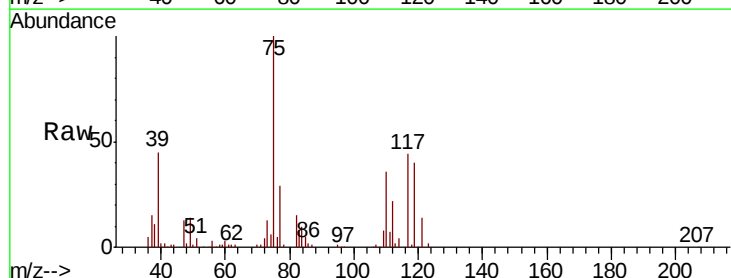
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

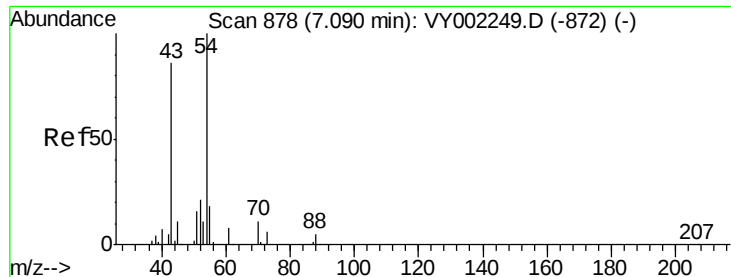
Tot Ion:113 Resp: 32778  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 83.5 125.3  
 192 17.8 14.7 22.1



#36  
 1,1-Dichloropropene  
 Concen: 21.351 ug/l  
 RT: 7.94 min Scan# 1017  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion: 75 Resp: 58967  
 Ion Ratio Lower Upper  
 75 100  
 110 35.4 17.8 53.3  
 77 29.5 24.4 36.6

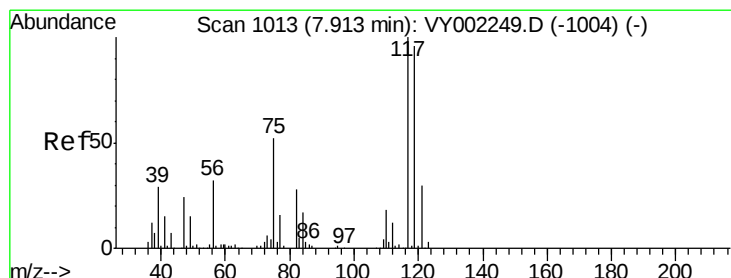
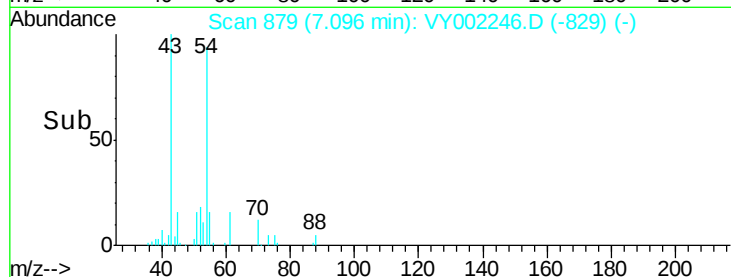
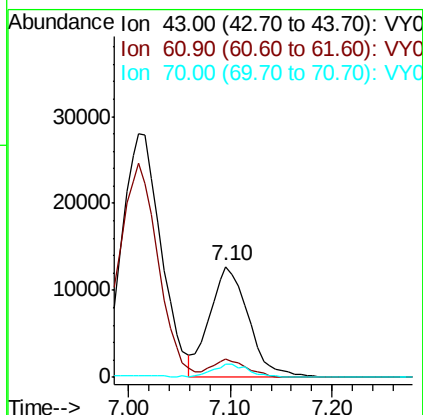
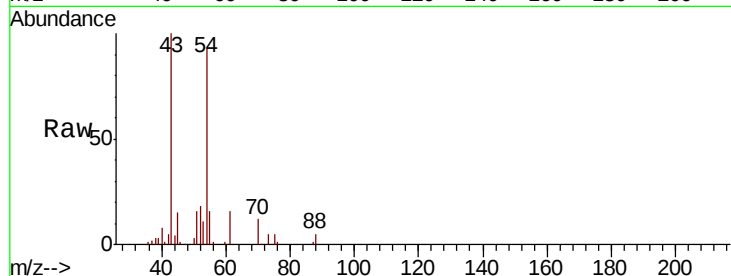




#37  
Ethyl Acetate  
Concen: 21.600 ug/l  
RT: 7.10 min Scan# 879  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

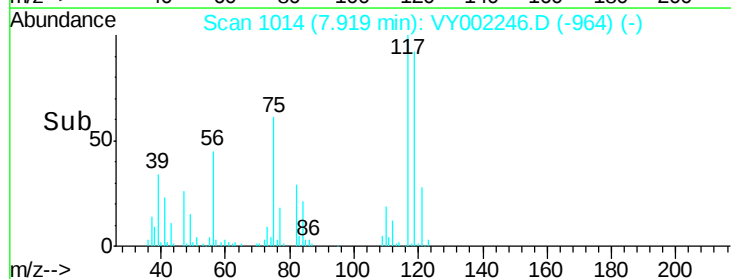
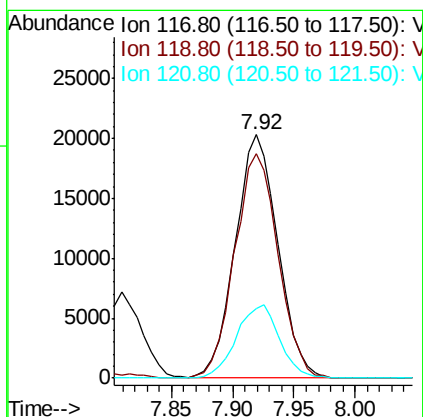
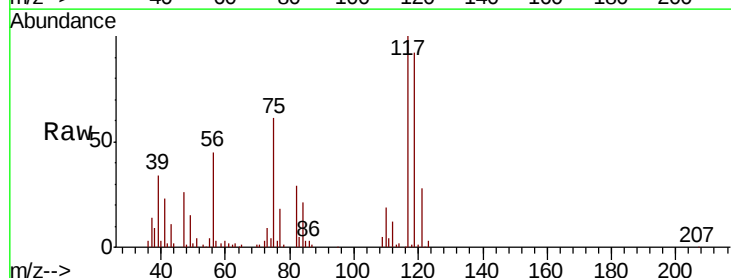
Instrument :  
MSVOA\_Y  
ClientSampleID :  
VSTDIC020

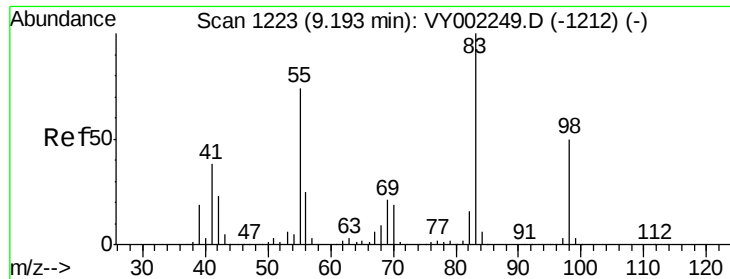
Tot Ion: 43 Resp: 34080  
Ion Ratio Lower Upper  
43 100  
61 15.1 11.8 17.6  
70 11.0 9.1 13.7



#38  
Carbon Tetrachloride  
Concen: 20.819 ug/l  
RT: 7.92 min Scan# 1014  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 117 Resp: 49183  
Ion Ratio Lower Upper  
117 100  
119 92.4 77.1 115.7  
121 28.4 23.9 35.9

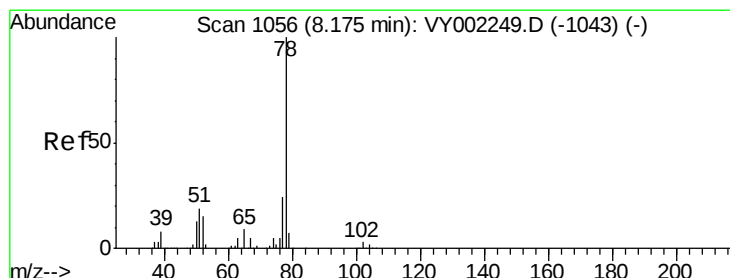
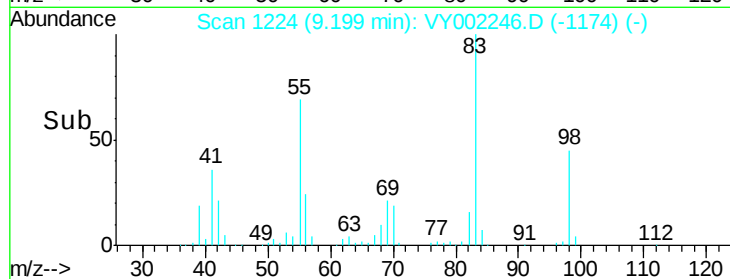
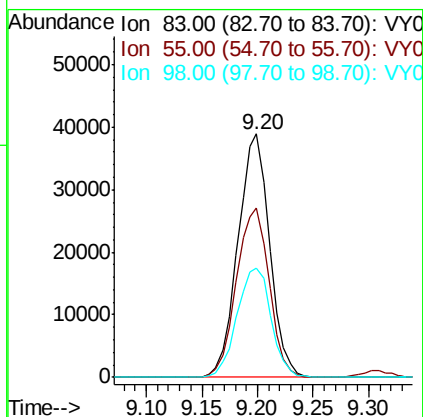
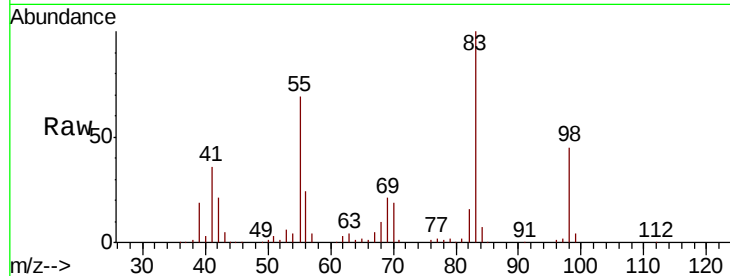




#39  
Methvlcvclohexane  
Concen: 20.408 ug/l  
RT: 9.20 min Scan# 1224  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

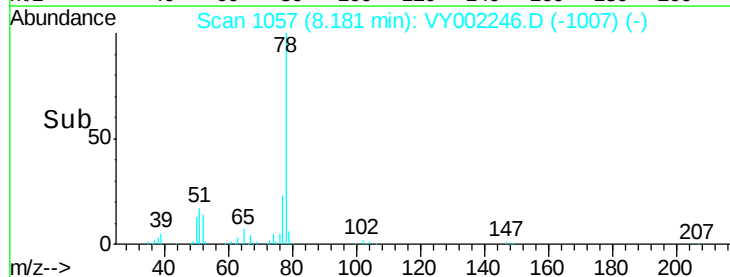
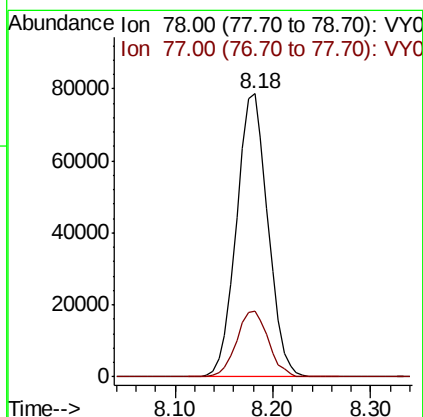
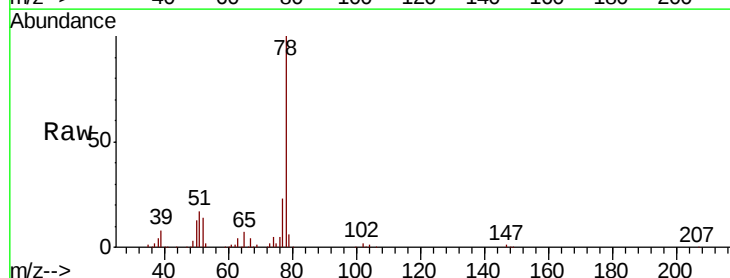
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

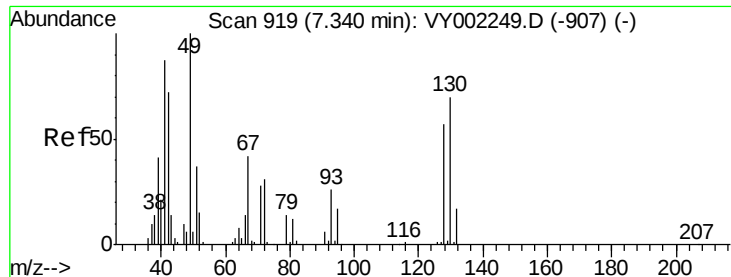
Tot Ion: 83 Resp: 76671  
Ion Ratio Lower Upper  
83 100  
55 69.4 59.3 88.9  
98 44.8 39.6 59.4



#40  
Benzene  
Concen: 20.849 ug/l  
RT: 8.18 min Scan# 1057  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 78 Resp: 174702  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.9 28.3

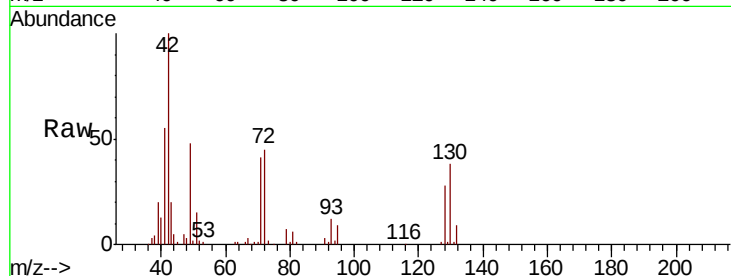




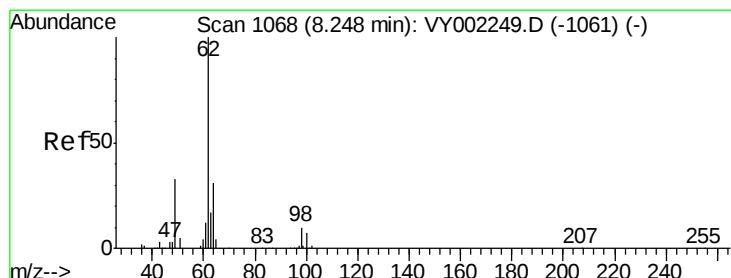
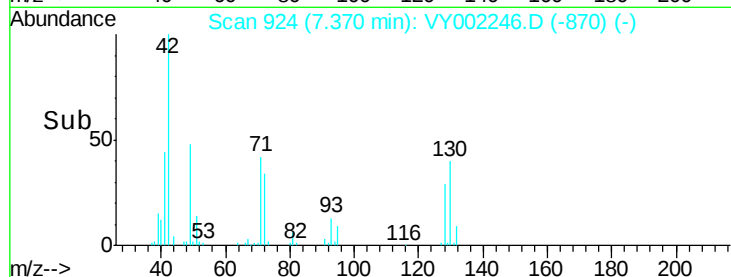
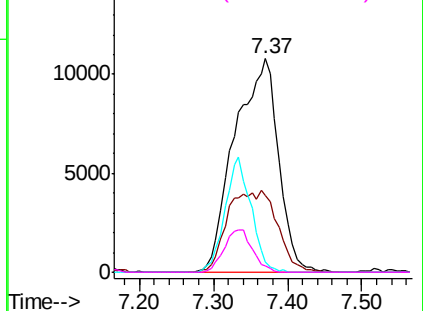
#41  
Methacrylonitrile  
Concen: 42.527 ug/l  
RT: 7.37 min Scan# 924  
Delta R.T. 0.03 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 44326 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

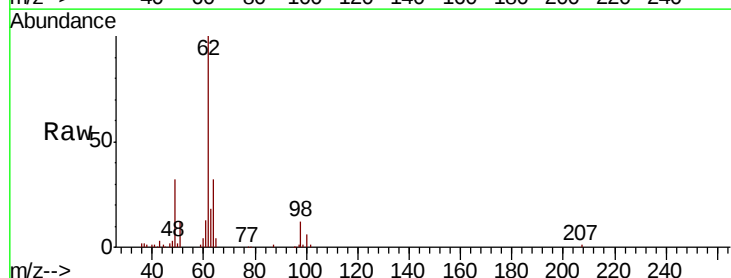


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

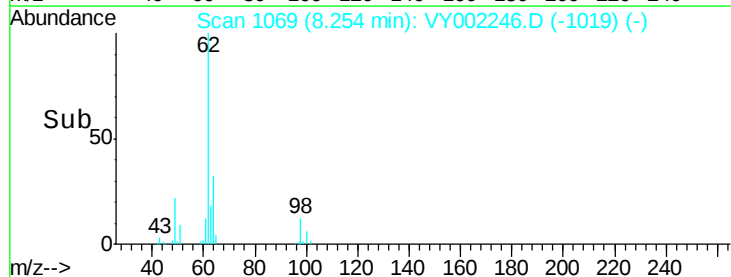
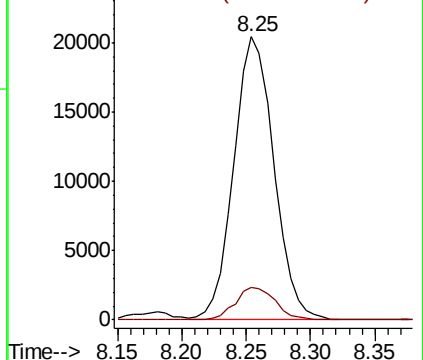


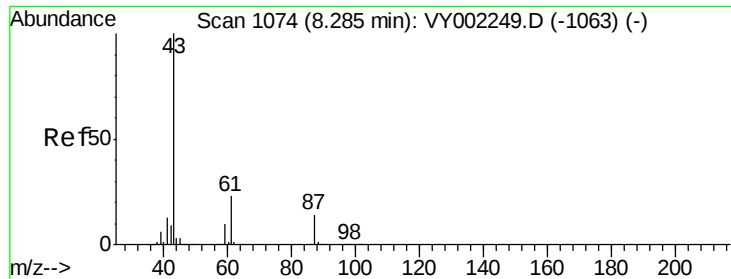
#42  
1,2-Dichloroethane  
Concen: 21.283 ug/l  
RT: 8.25 min Scan# 1069  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 44176 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.2  | 0.0   | 22.6  |



Abundance Ion 61.90 (61.60 to 62.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0



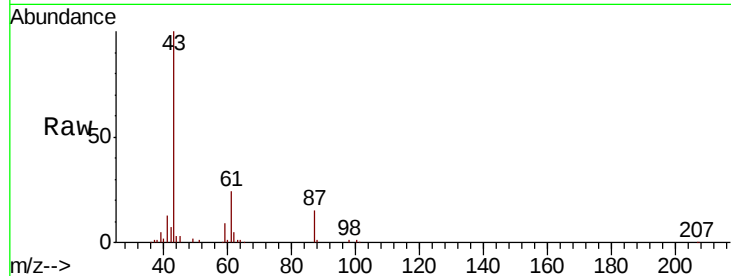


#43

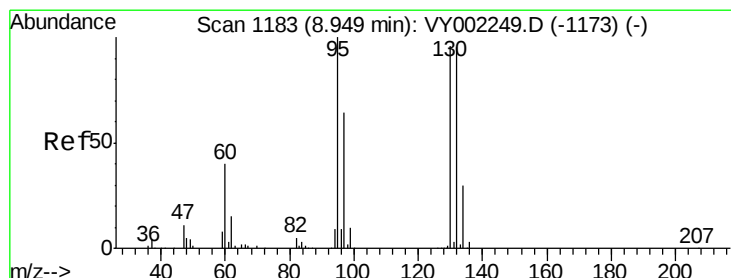
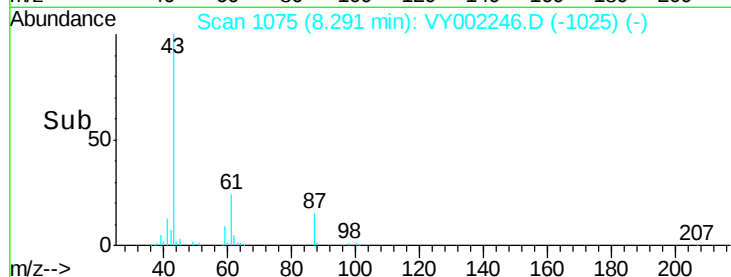
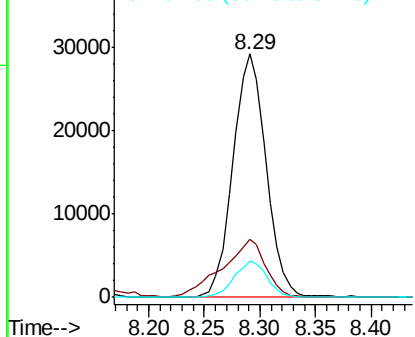
Isopropyl Acetate  
 Concen: 20.989 ug/l  
 RT: 8.29 min Scan# 1075  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

| Tot Ion   | 43    | Resp  | 60396 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 31.3  | 24.9  | 37.3  |
| 87        | 14.7  | 11.7  | 17.5  |



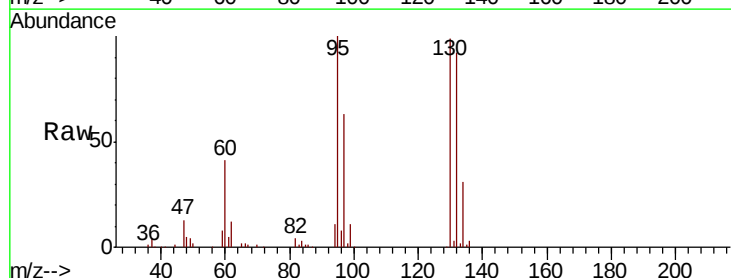
Abundance Ion 43.00 (42.70 to 43.70): VY0  
 Ion 61.00 (60.70 to 61.70): VY0  
 Ion 87.00 (86.70 to 87.70): VY0



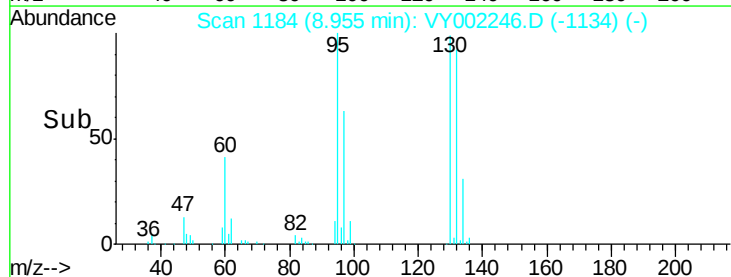
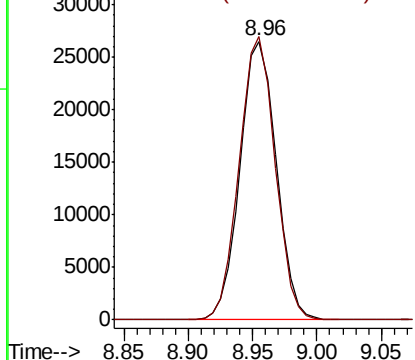
#44

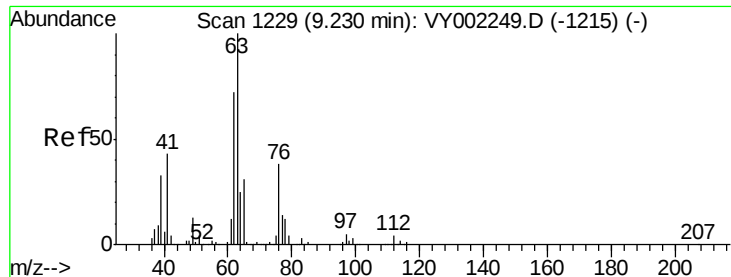
Trichloroethene  
 Concen: 21.027 ug/l  
 RT: 8.96 min Scan# 1184  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

| Tgt Ion   | 130   | Resp  | 51802 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 101.5 | 0.0   | 208.2 |



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





#45

1,2-Dichloropropane

Concen: 21.193 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

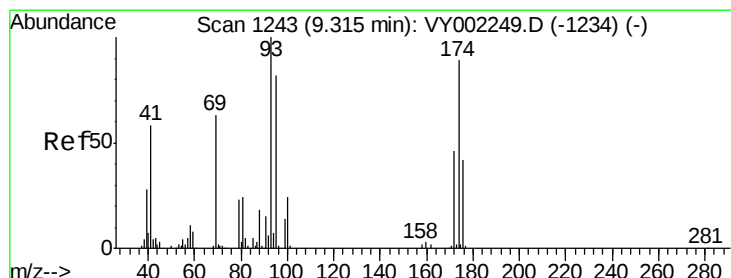
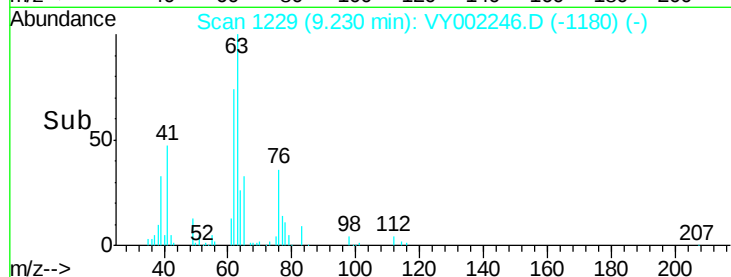
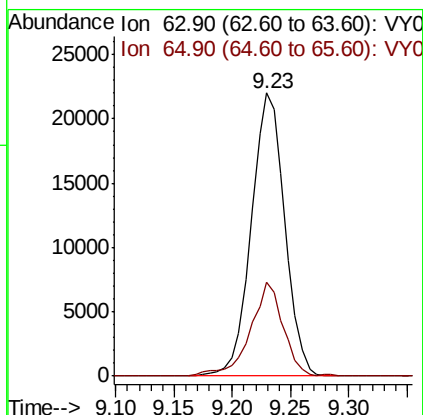
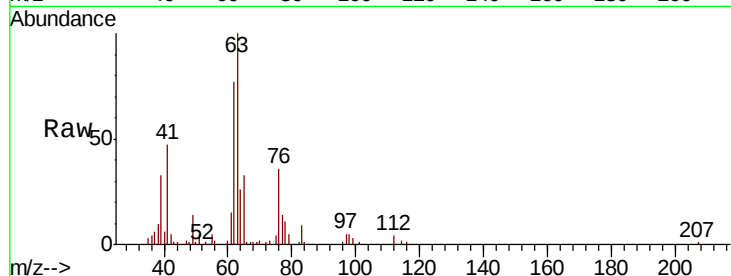
VSTDIC020

Tot Ion: 63 Resp: 44061

Ion Ratio Lower Upper

63 100

65 33.2 24.6 37.0



#46

Dibromomethane

Concen: 20.814 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

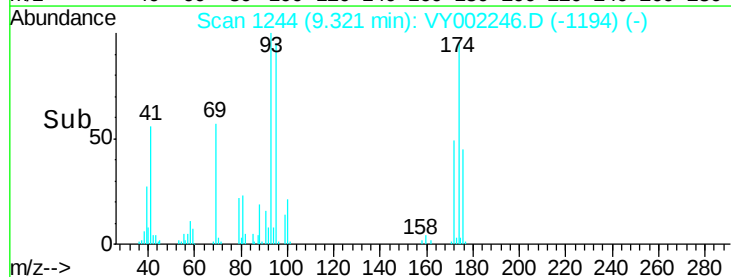
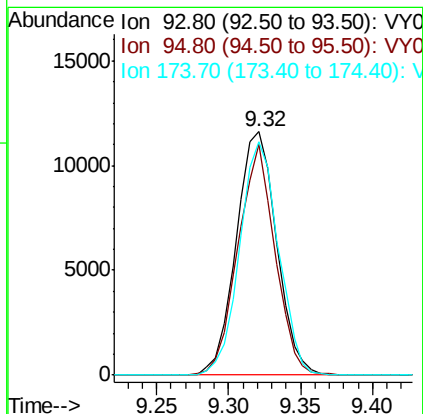
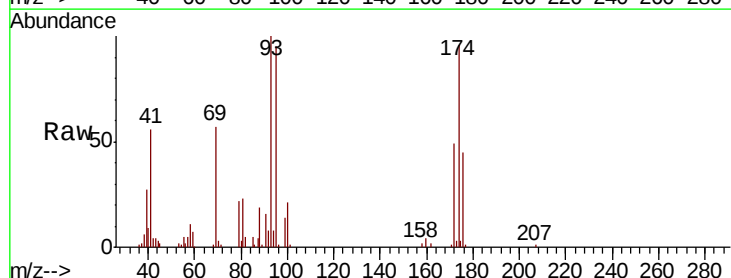
Tgt Ion: 93 Resp: 22626

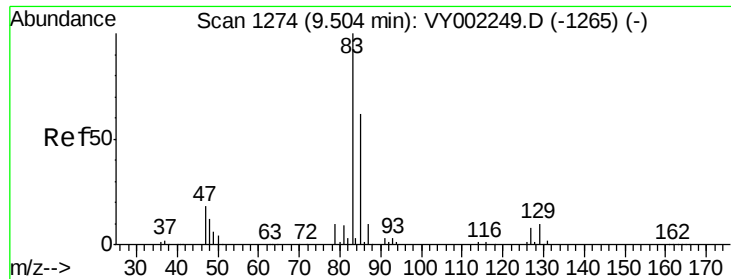
Ion Ratio Lower Upper

93 100

95 86.6 67.3 100.9

174 91.6 72.5 108.7





#47

Bromodichloromethane

Concen: 20.932 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

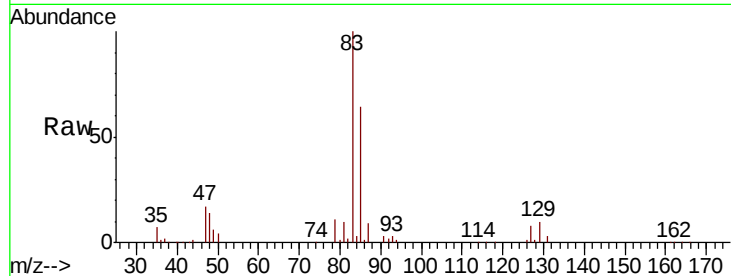
Tot Ion: 83 Resp: 52210

Ion Ratio Lower Upper

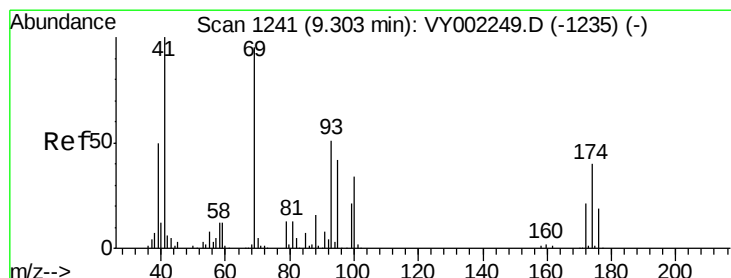
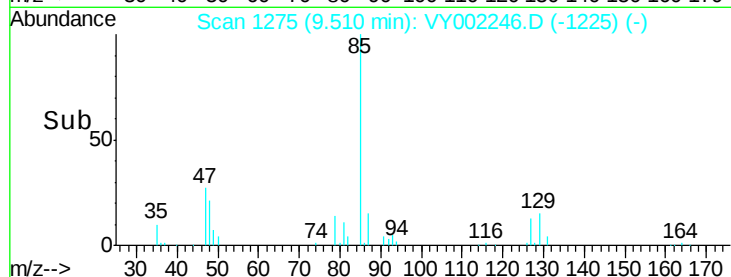
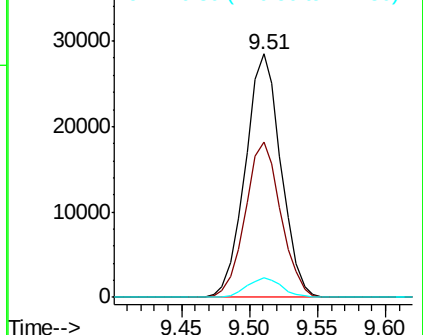
83 100

85 63.9 49.7 74.5

127 8.2 6.2 9.4



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



#48

Methyl methacrylate

Concen: 20.504 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

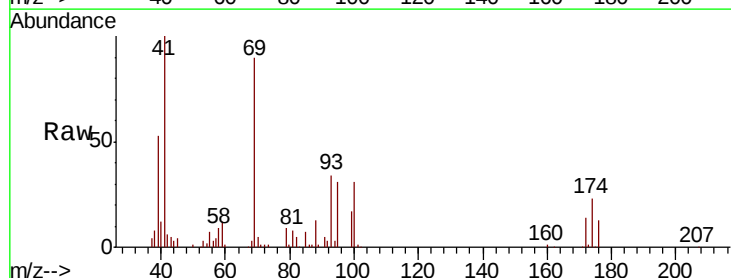
Tgt Ion: 41 Resp: 26455

Ion Ratio Lower Upper

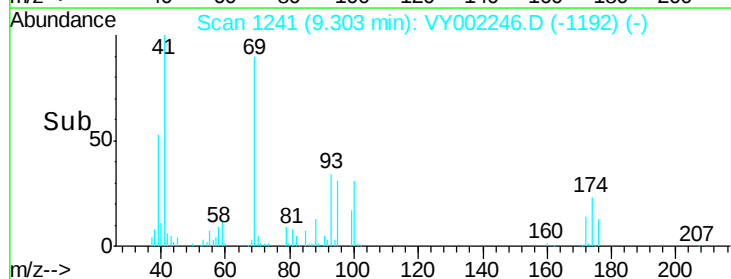
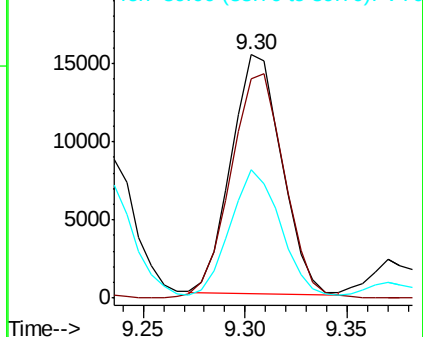
41 100

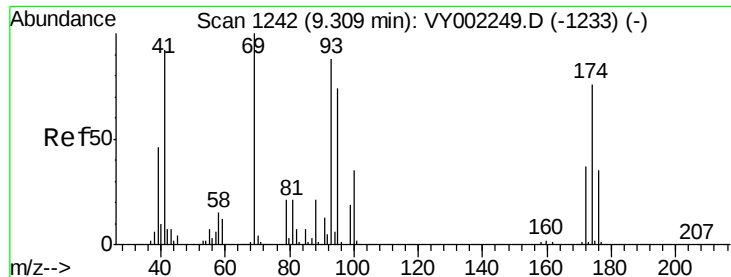
69 99.7 76.7 115.1

39 51.7 40.5 60.7



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

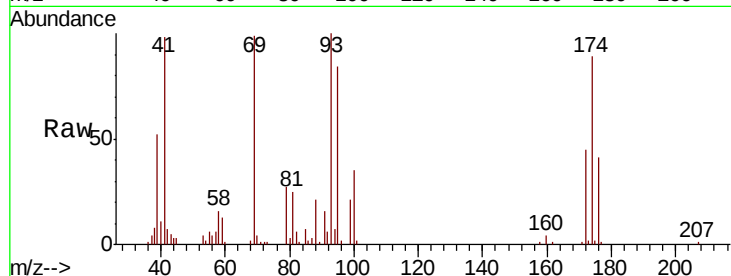




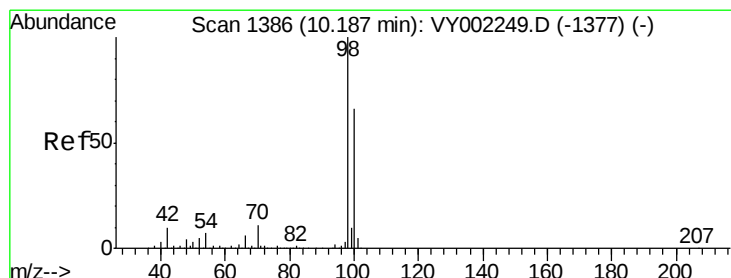
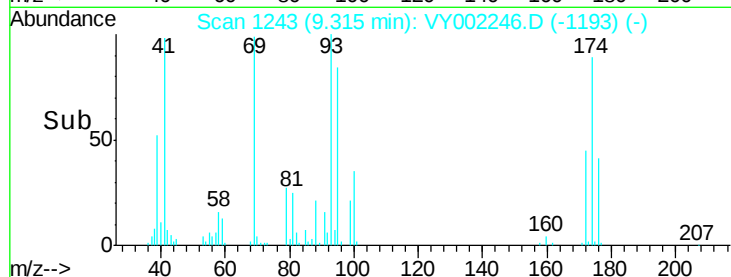
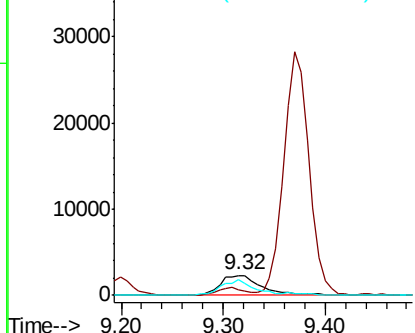
#49  
1,4-Dioxane  
Concen: 429.540 ug/l  
RT: 9.32 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tot Ion: 88 Resp: 6605  
Ion Ratio Lower Upper  
88 100  
43 26.6 22.2 33.2  
58 67.4 57.6 86.4

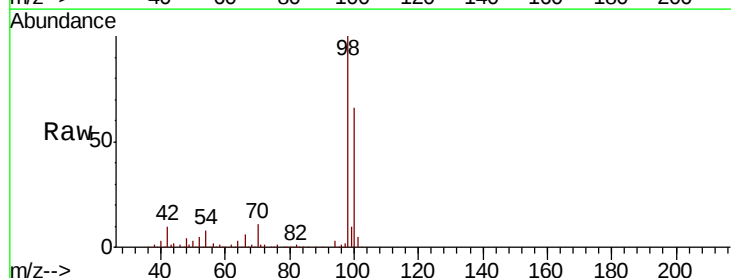


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

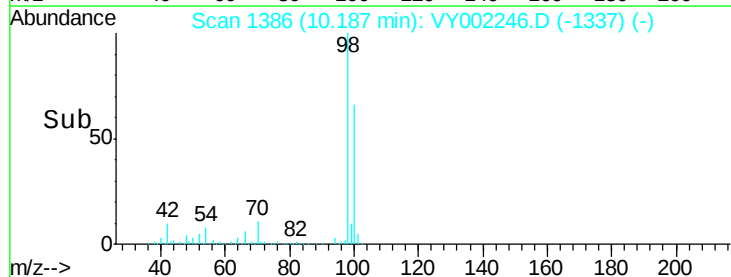
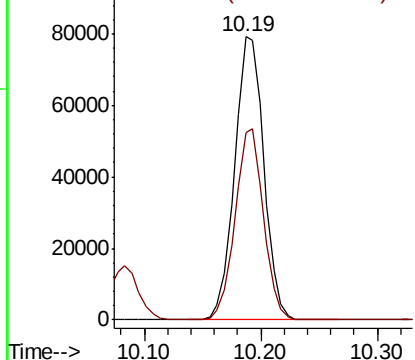


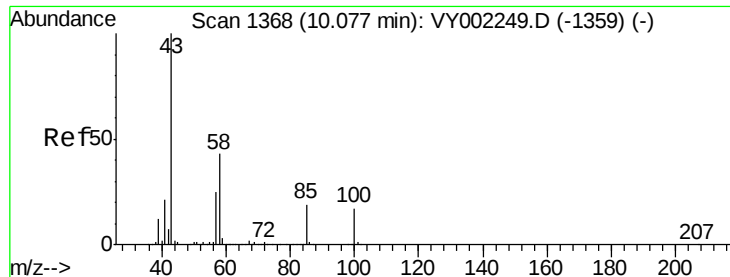
#50  
Toluene-d8  
Concen: 19.768 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 98 Resp: 138048  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.6 78.8



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

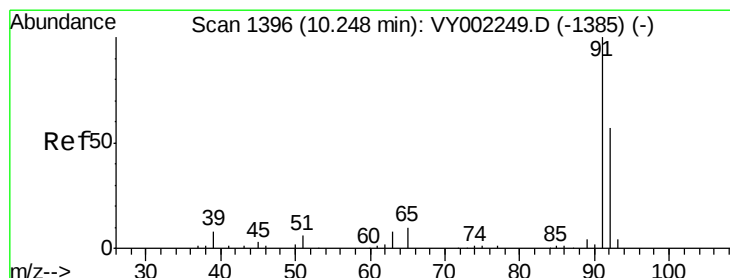
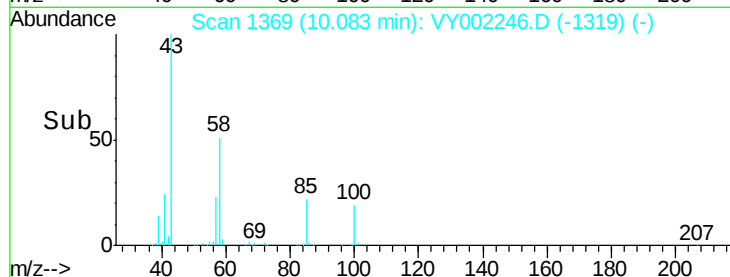
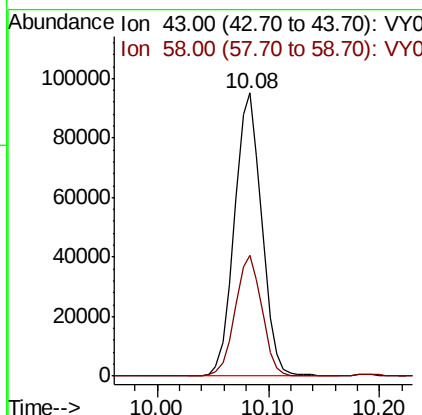
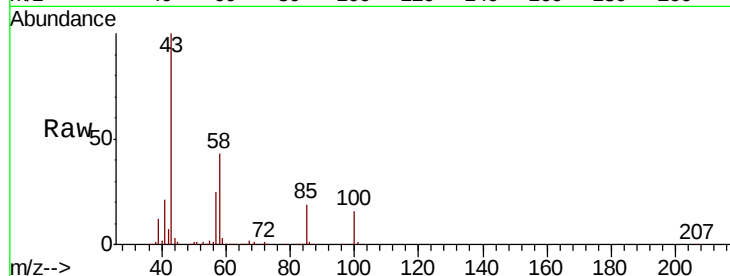




#51  
 4-Methyl-2-Pentanone  
 Concen: 107.139 ug/l  
 RT: 10.08 min Scan# 1369  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

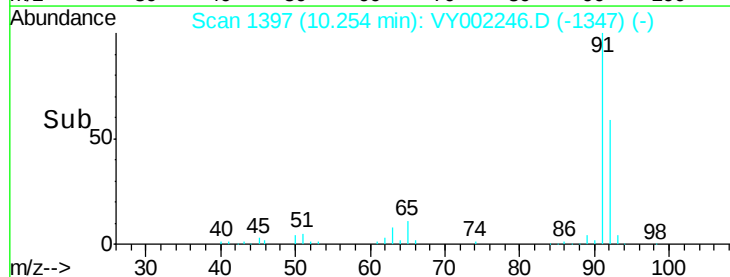
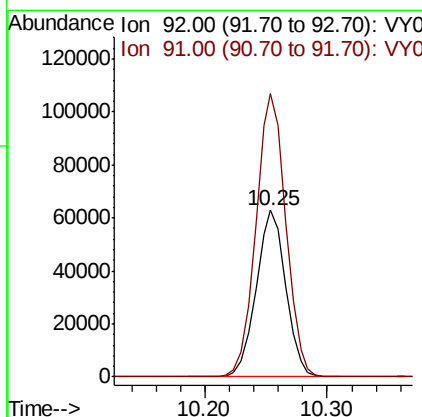
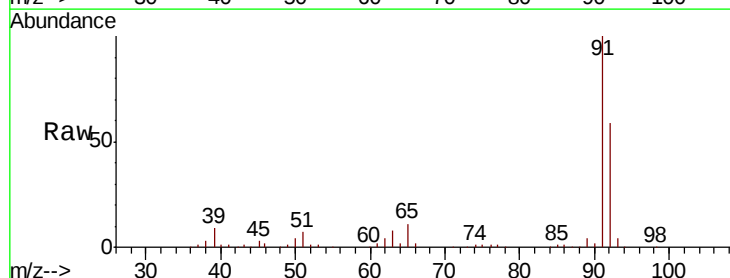
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDIC020

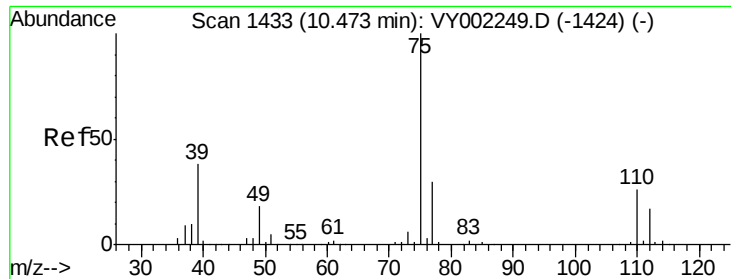
Tot Ion: 43 Resp: 160645  
 Ion Ratio Lower Upper  
 43 100  
 58 41.8 33.8 50.8



#52  
 Toluene  
 Concen: 20.943 ug/l  
 RT: 10.25 min Scan# 1397  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion: 92 Resp: 105758  
 Ion Ratio Lower Upper  
 92 100  
 91 171.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 21.220 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

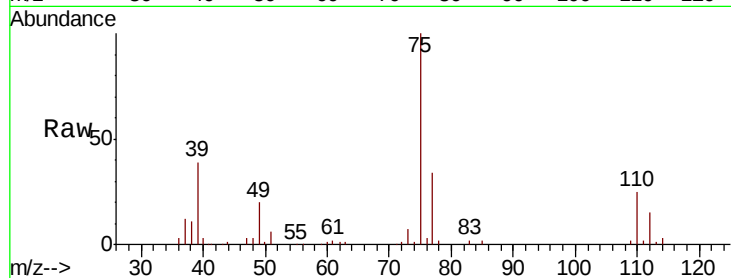
VSTDIC020

Tot Ion: 75 Resp: 57669

Ion Ratio Lower Upper

75 100

77 34.1 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

40000

30000

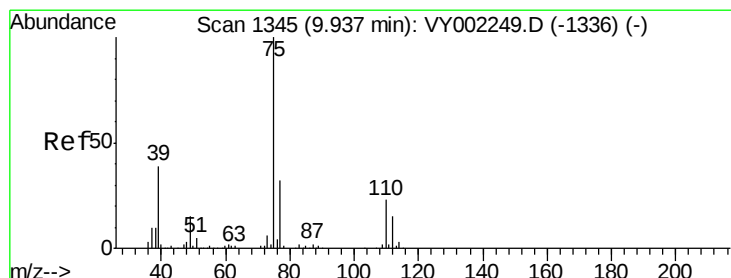
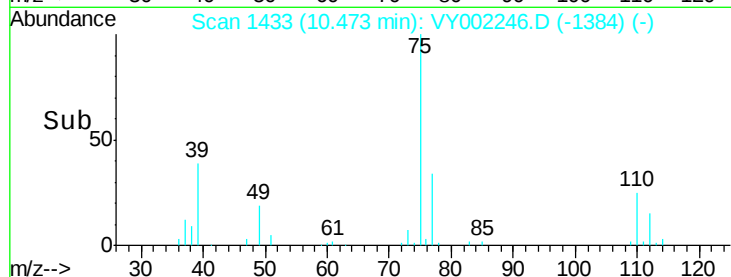
20000

10000

0

Time-->

10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 21.040 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

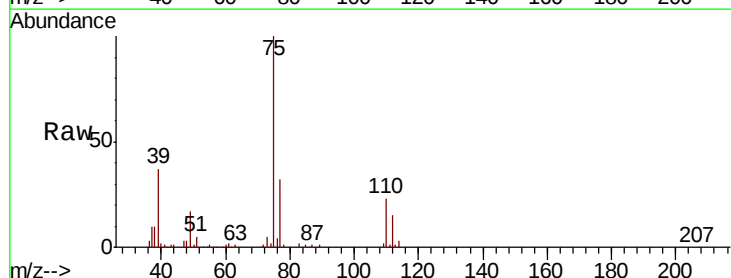
Tgt Ion: 75 Resp: 68743

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 36.6 30.8 46.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.94

50000

40000

30000

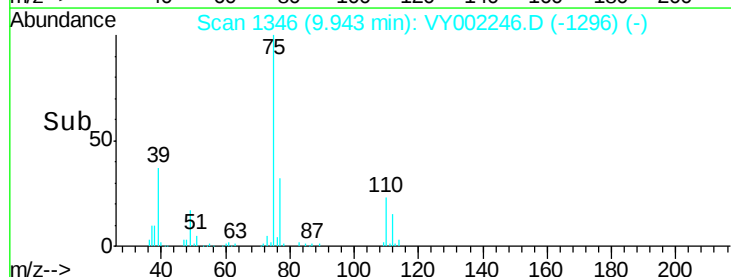
20000

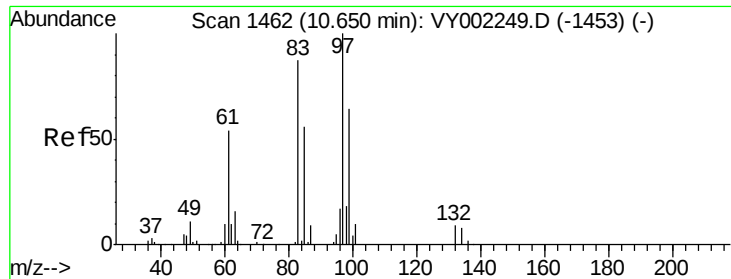
10000

0

Time-->

9.90 10.00





#55

1,1,2-Trichloroethane

Concen: 20.966 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 33367

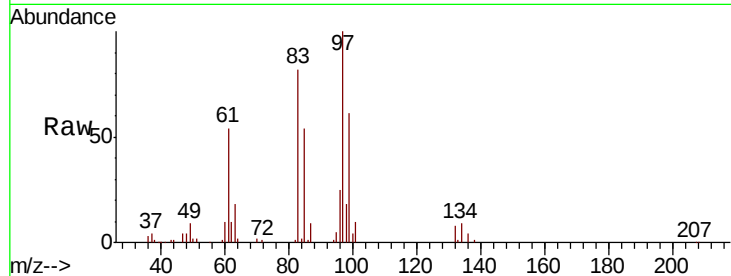
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.1  | 69.5  | 104.3 |
| 85  | 54.2  | 45.2  | 67.8  |
| 99  | 60.9  | 50.9  | 76.3  |

97 100

83 82.1 69.5 104.3

85 54.2 45.2 67.8

99 60.9 50.9 76.3



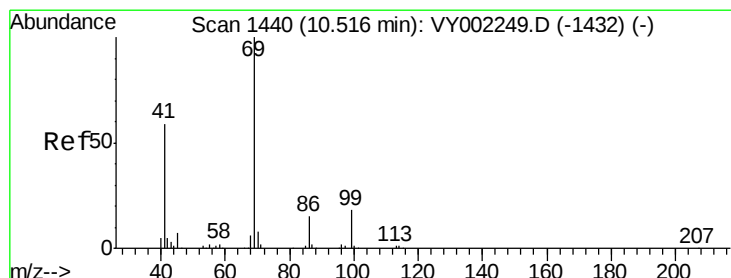
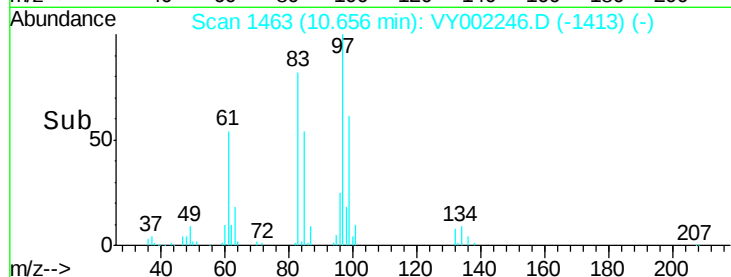
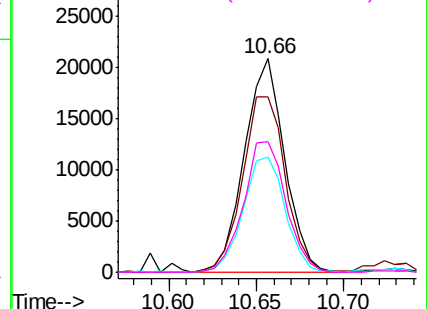
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.156 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

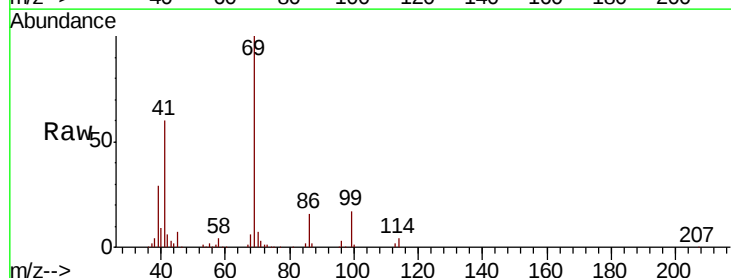
Tgt Ion: 69 Resp: 48056

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.2  | 47.9  | 71.9  |
| 39  | 28.5  | 23.8  | 35.6  |

69 100

41 61.2 47.9 71.9

39 28.5 23.8 35.6

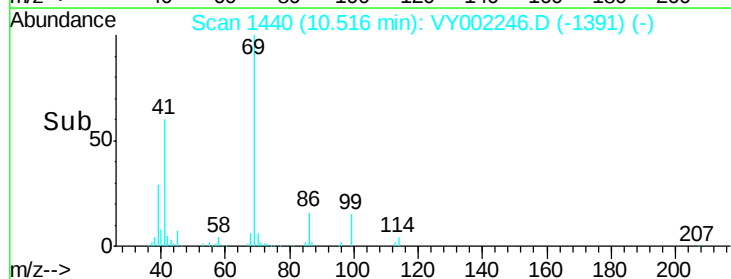
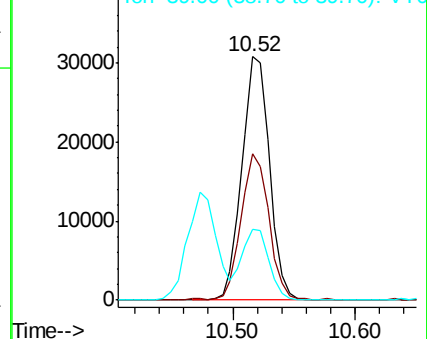


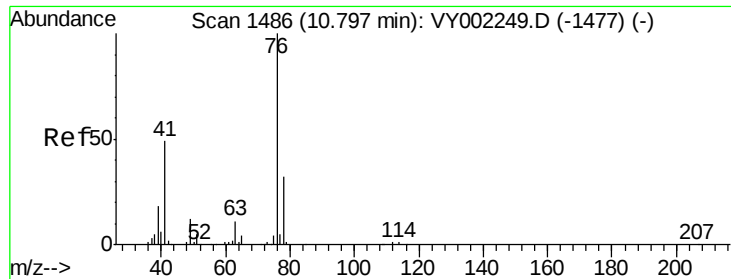
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.929 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

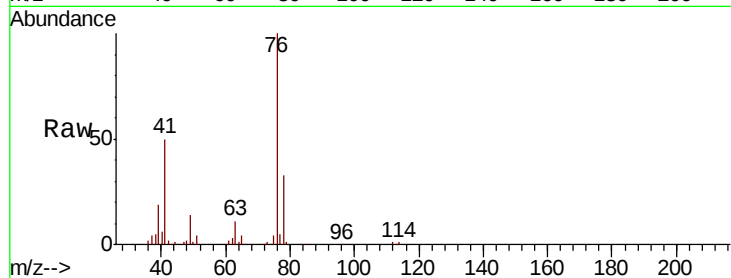
VSTDIC020

Tot Ion: 76 Resp: 58545

Ion Ratio Lower Upper

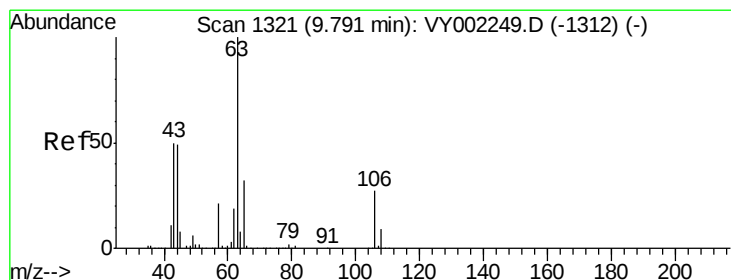
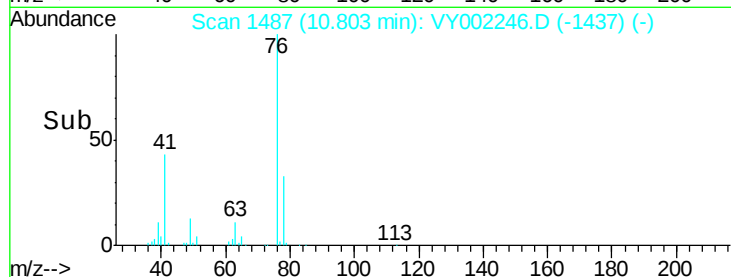
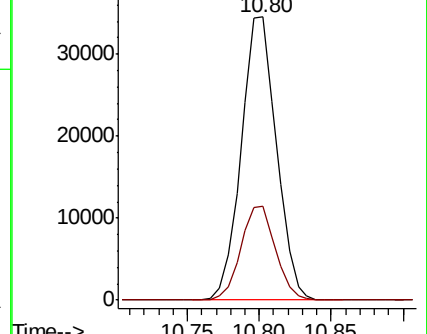
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 105.407 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002246.D

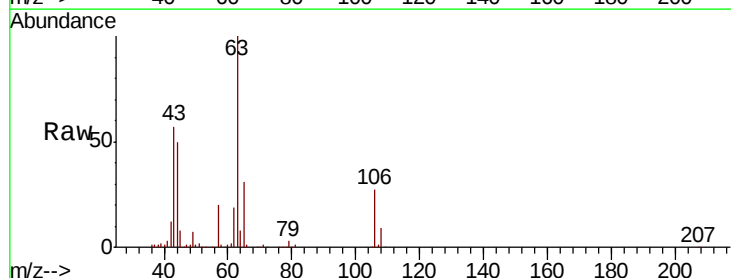
Acq: 08 Apr 2020 12:09

Tgt Ion: 63 Resp: 123987

Ion Ratio Lower Upper

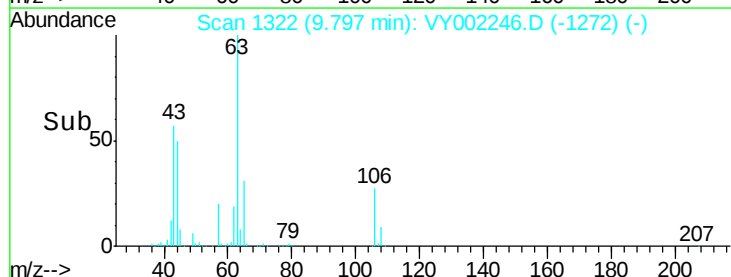
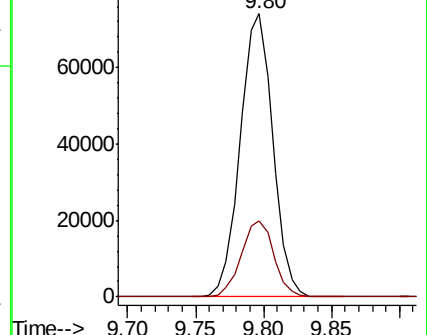
63 100

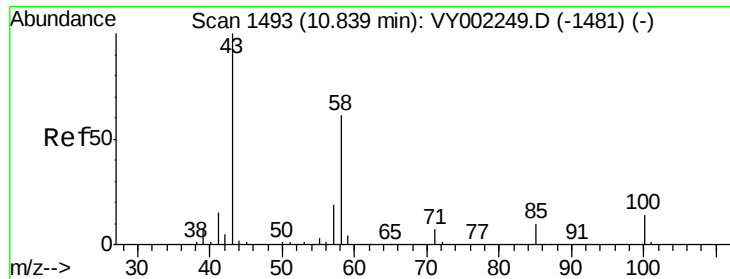
106 27.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

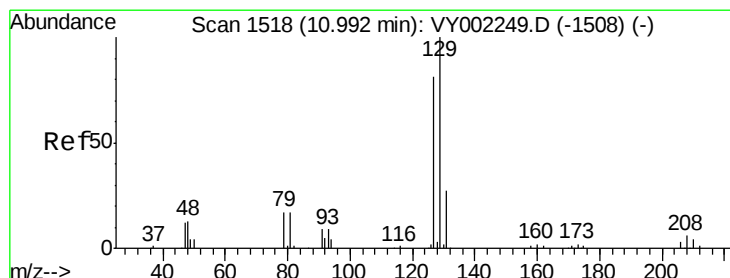
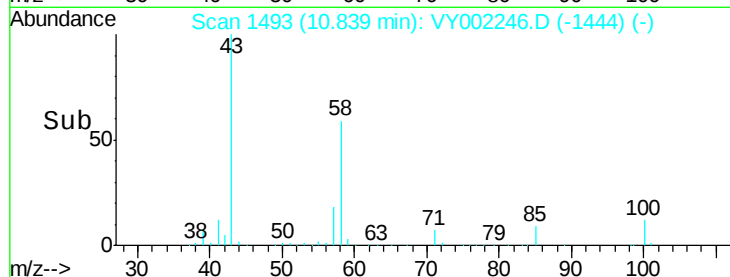
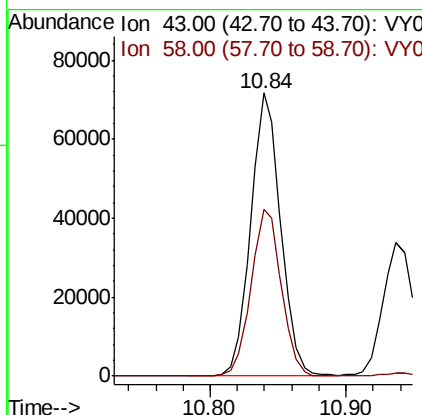
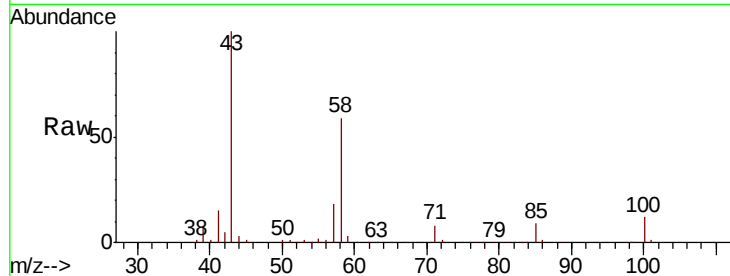




#59  
2-Hexanone  
Concen: 106.449 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

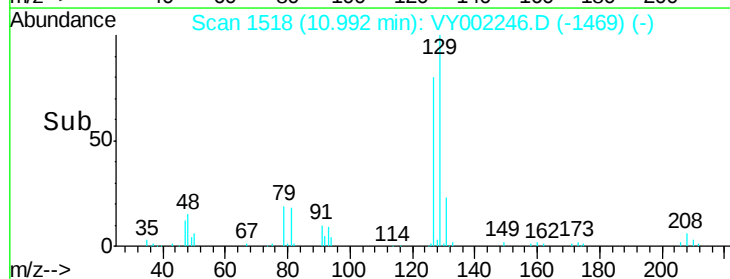
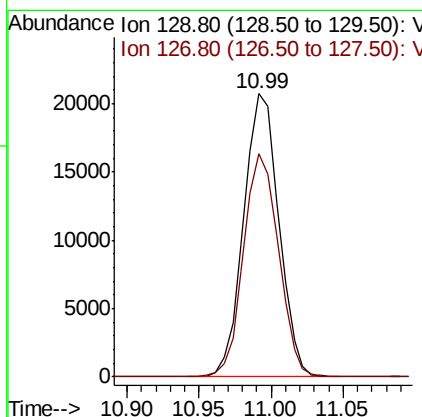
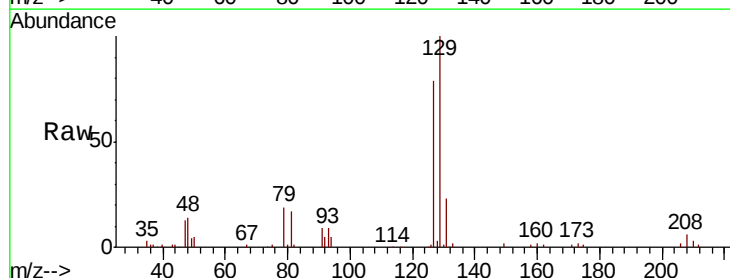
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

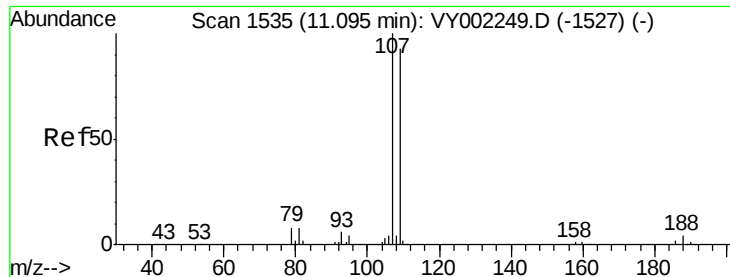
Tot Ion: 43 Resp: 110774  
Ion Ratio Lower Upper  
43 100  
58 59.6 29.8 89.3



#60  
Dibromochloromethane  
Concen: 20.696 ug/l  
RT: 10.99 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 129 Resp: 35122  
Ion Ratio Lower Upper  
129 100  
127 78.4 39.0 117.0

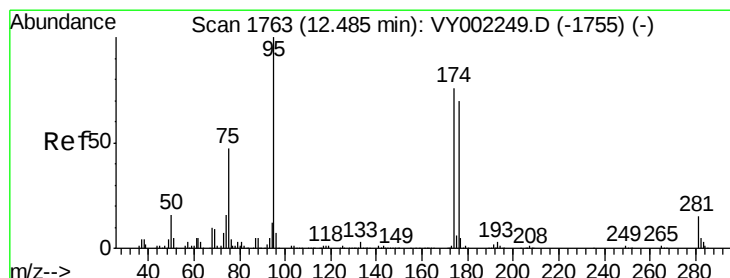
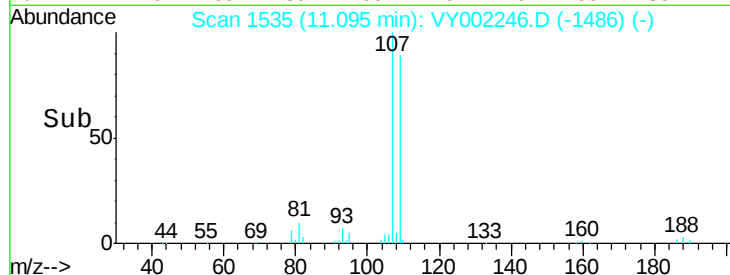
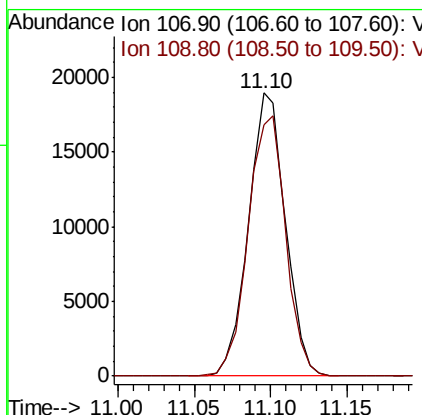
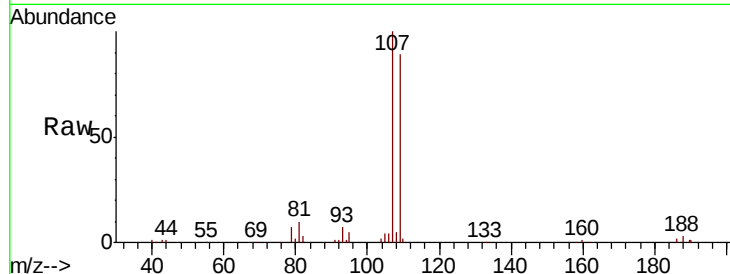




#61  
 1,2-Dibromoethane  
 Concen: 20.917 ug/l  
 RT: 11.10 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

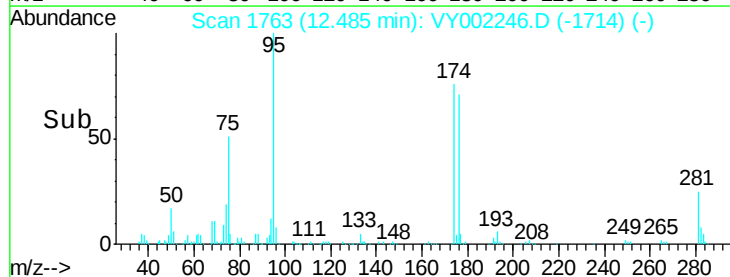
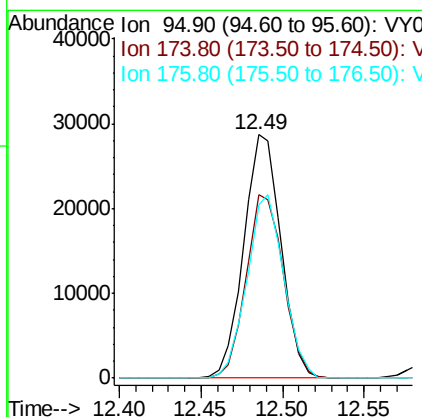
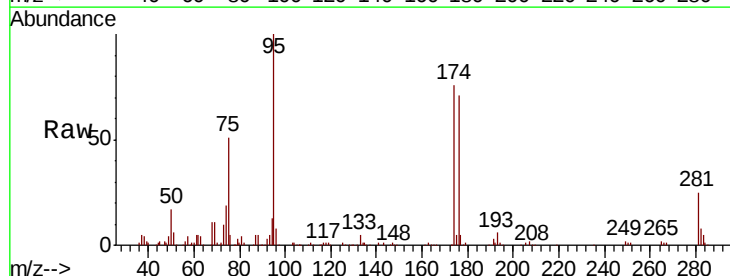
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

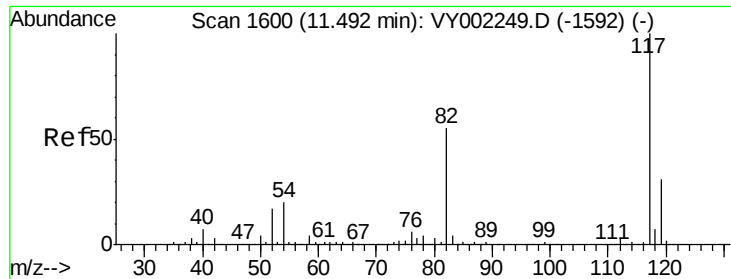
Tot Ion:107 Resp: 31691  
 Ion Ratio Lower Upper  
 107 100  
 109 94.2 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 19.754 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. -0.00 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion: 95 Resp: 45510  
 Ion Ratio Lower Upper  
 95 100  
 174 75.6 0.0 150.6  
 176 74.7 0.0 141.4

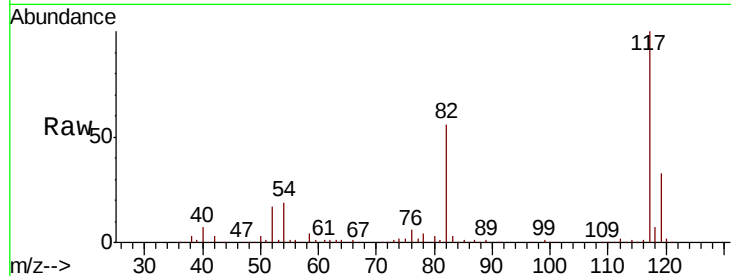




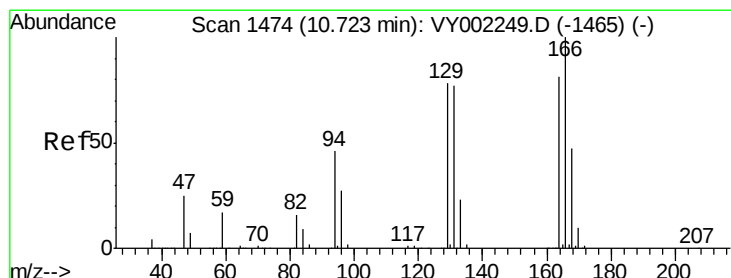
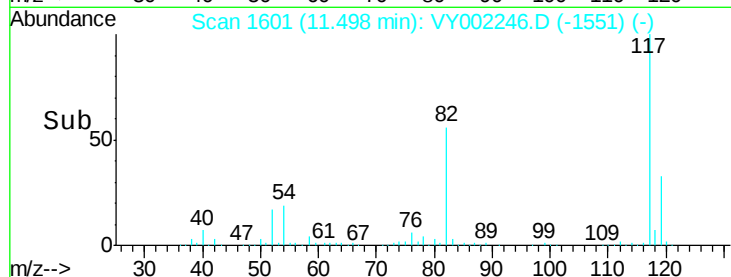
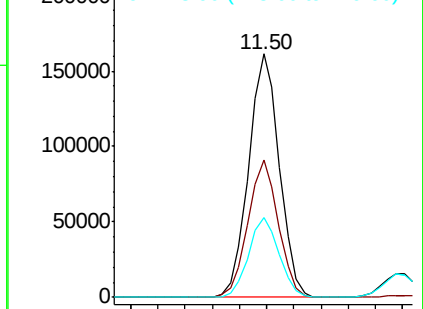
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tot Ion:117 Resp: 255099  
Ion Ratio Lower Upper  
117 100  
82 56.3 44.2 66.4  
119 32.5 25.1 37.7

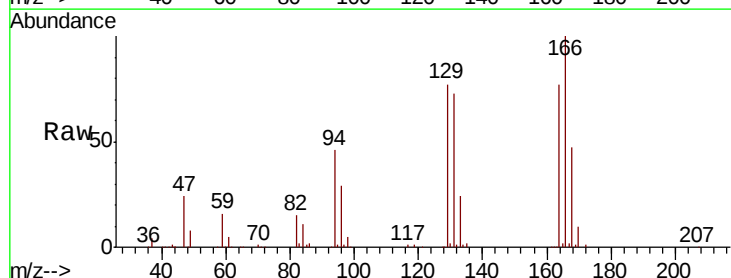


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

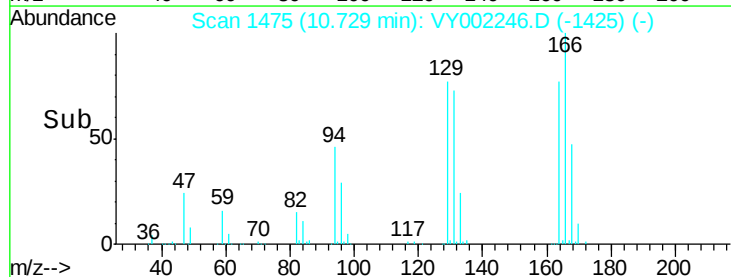
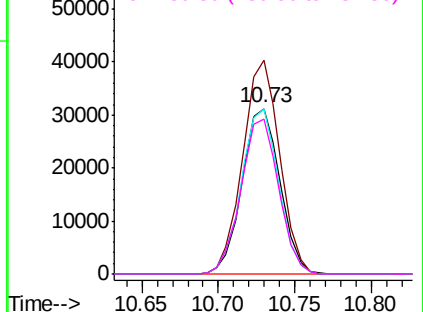


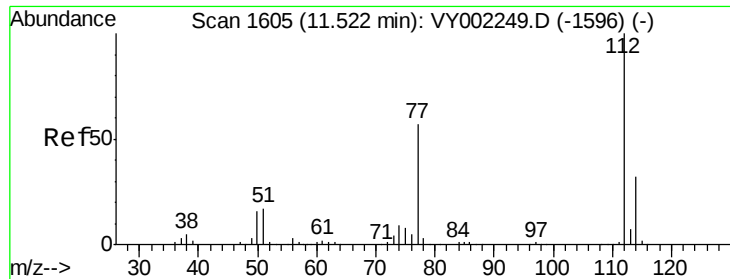
#64  
Tetrachloroethene  
Concen: 20.847 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion:164 Resp: 53766  
Ion Ratio Lower Upper  
164 100  
166 129.1 98.4 147.6  
129 99.9 76.6 115.0  
131 94.0 75.4 113.2



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

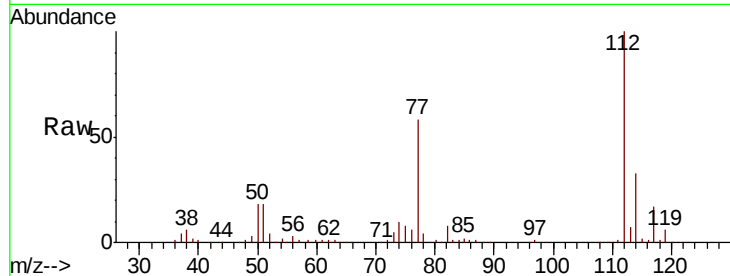




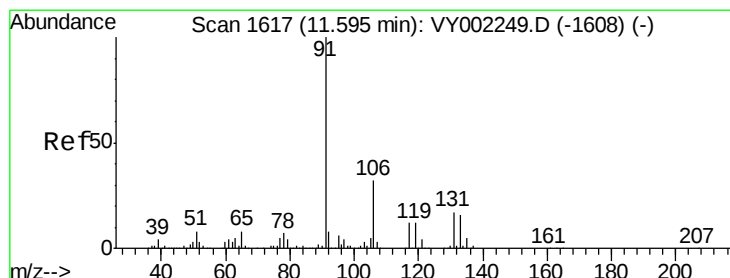
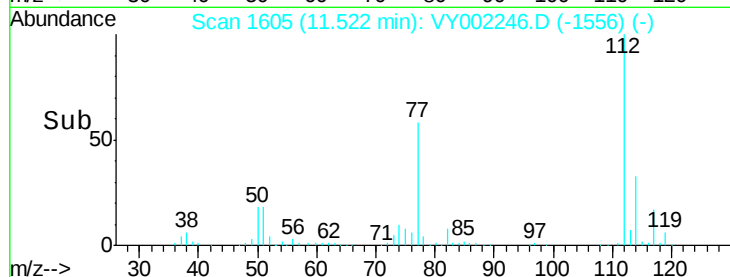
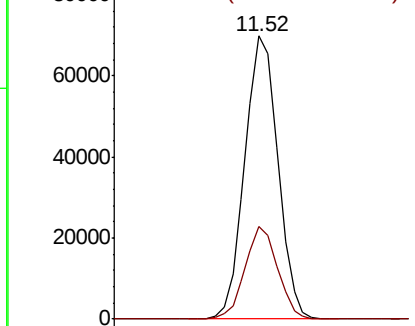
#65  
Chlorobenzene  
Concen: 20.935 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tot Ion:112 Resp: 111011  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.6 38.4

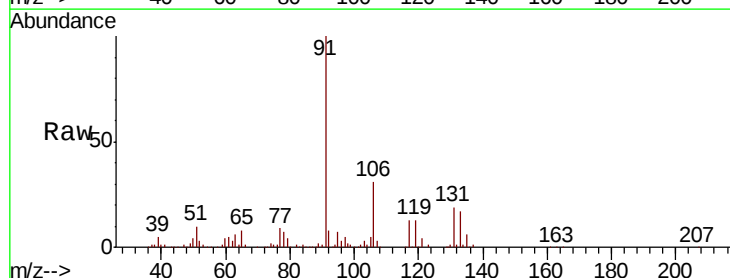


Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V

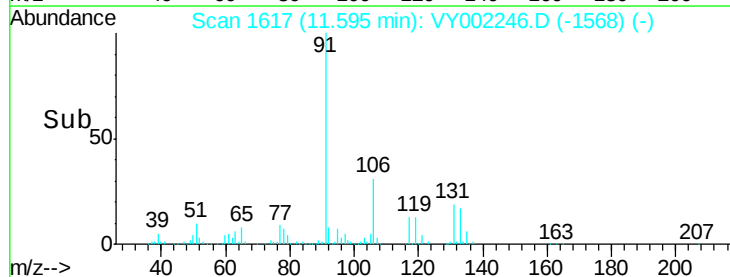
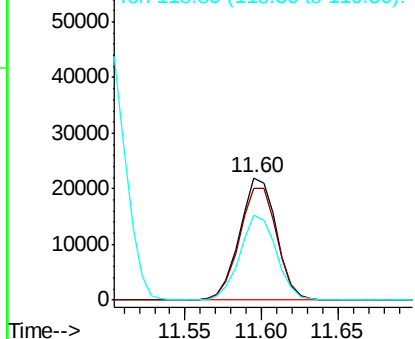


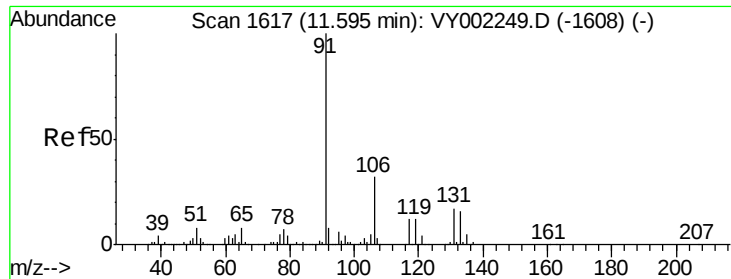
#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.785 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion:131 Resp: 36390  
Ion Ratio Lower Upper  
131 100  
133 94.9 46.5 139.3  
119 69.4 34.5 103.6



Abundance Ion 130.80 (130.50 to 131.50): V  
Ion 132.80 (132.50 to 133.50): V  
Ion 118.80 (118.50 to 119.50): V

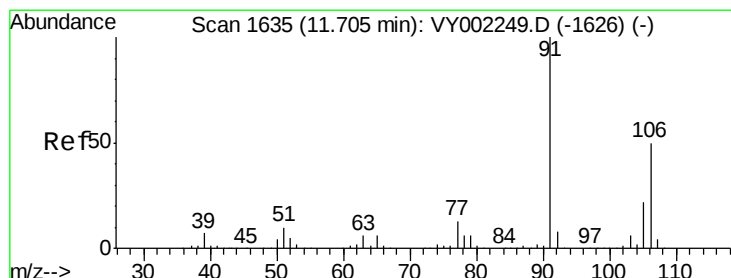
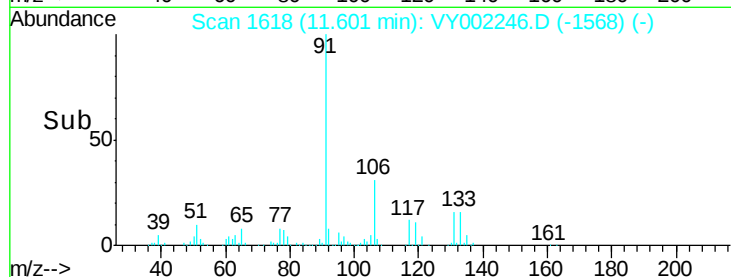
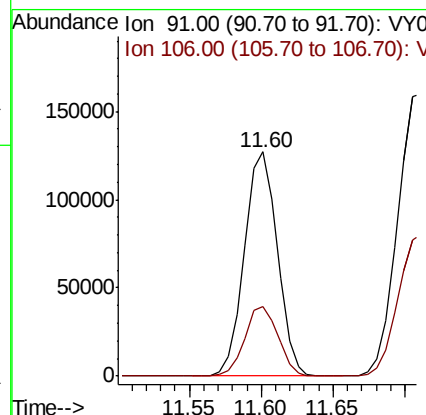
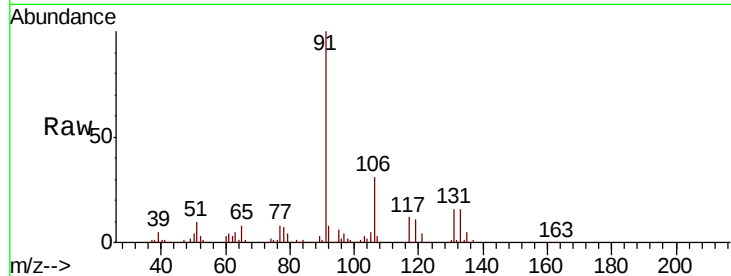




#67  
Ethyl Benzene  
Concen: 20.747 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

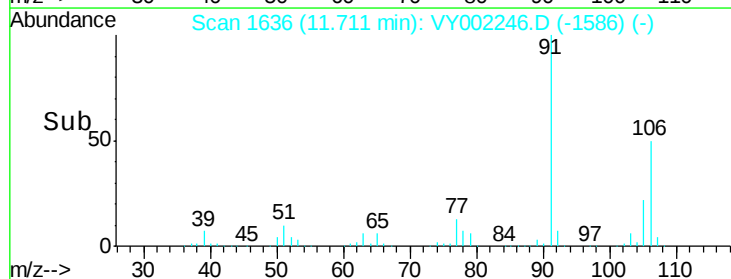
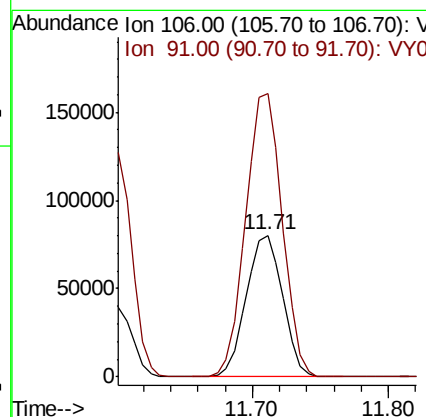
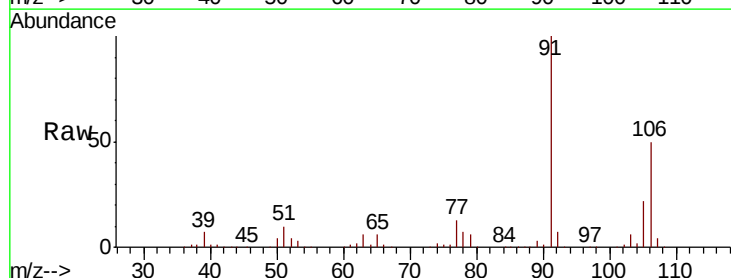
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

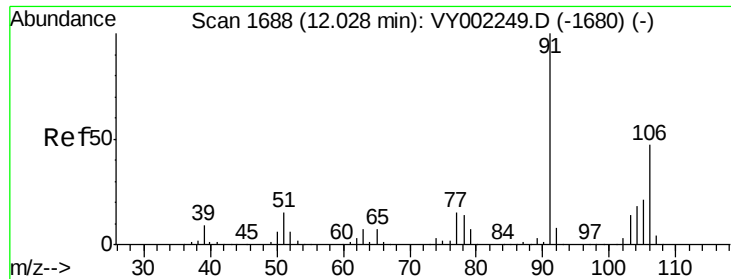
Tot Ion: 91 Resp: 201405  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.4 38.0



#68  
m/p-Xylenes  
Concen: 41.393 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 106 Resp: 150503  
Ion Ratio Lower Upper  
106 100  
91 200.4 159.8 239.6

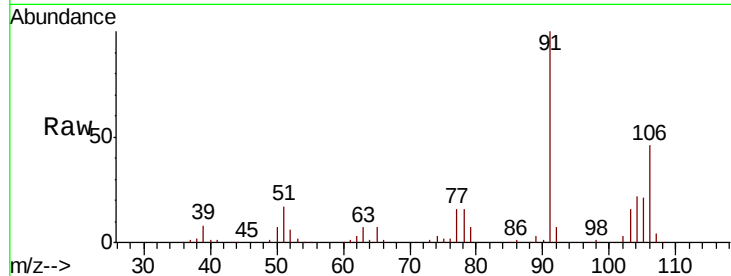




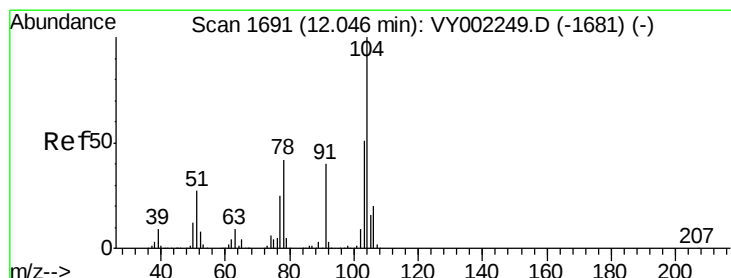
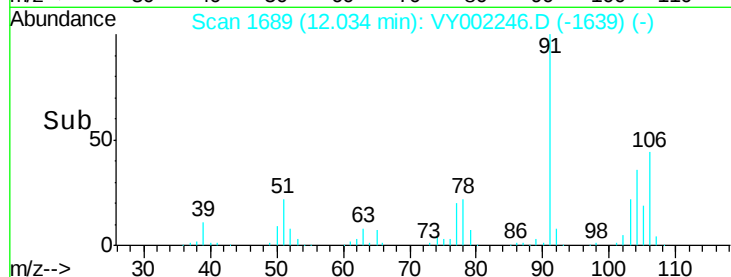
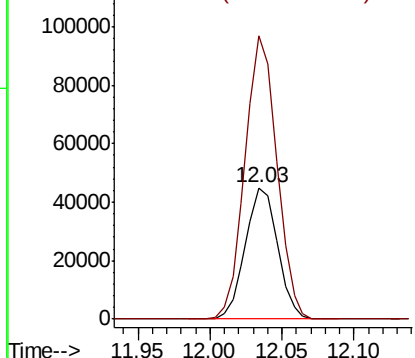
#69  
o-Xylene  
Concen: 20.437 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC020

Tot Ion:106 Resp: 69764  
Ion Ratio Lower Upper  
106 100  
91 213.3 105.8 317.3

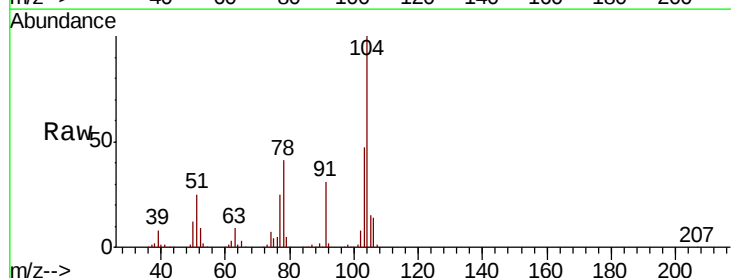


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

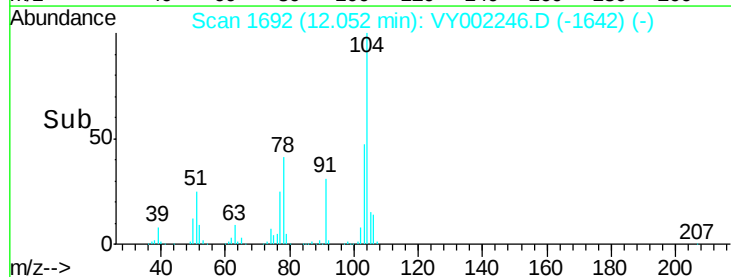
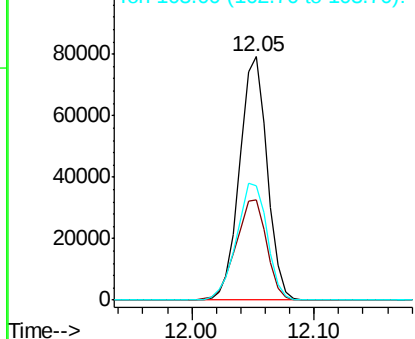


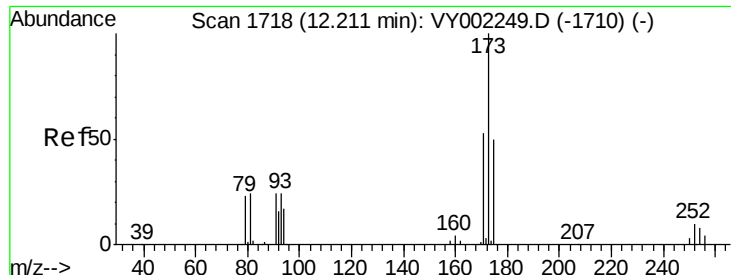
#70  
Styrene  
Concen: 20.865 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion:104 Resp: 123571  
Ion Ratio Lower Upper  
104 100  
78 46.4 37.2 55.8  
103 53.5 43.4 65.0



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: 20.578 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

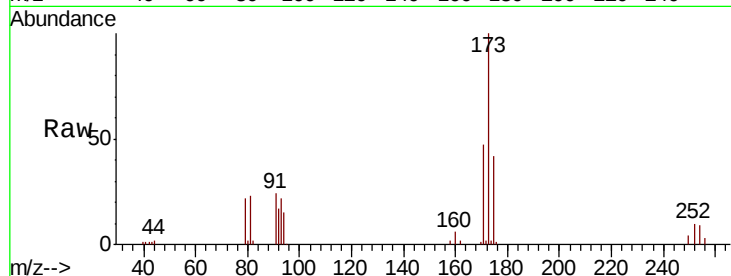
Tot Ion:173 Resp: 19592

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

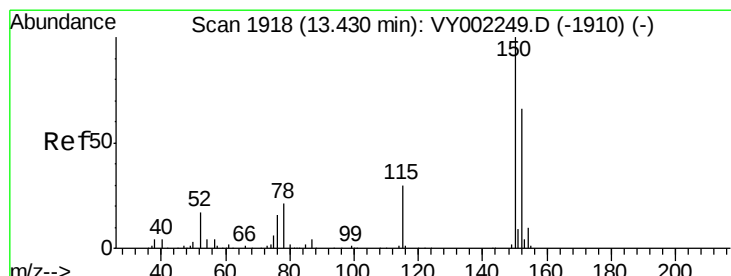
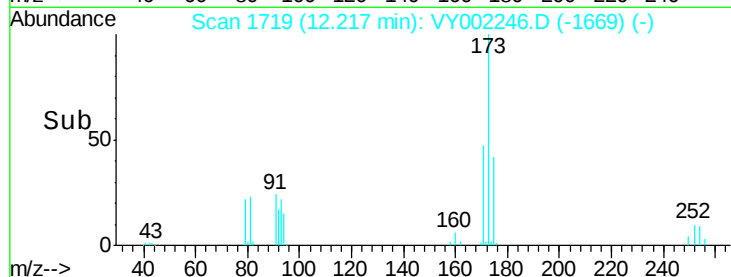
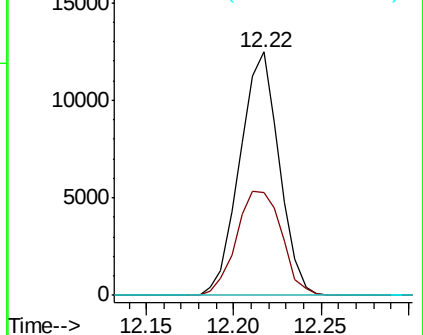
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

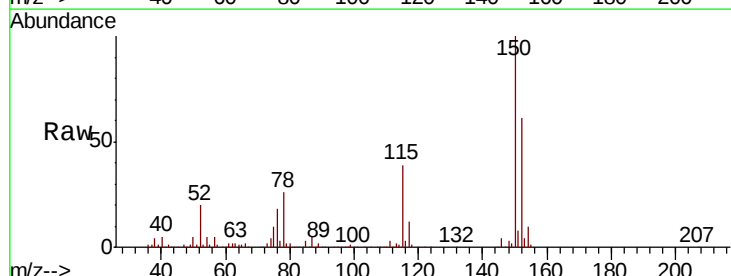
Tgt Ion:152 Resp: 117237

Ion Ratio Lower Upper

152 100

115 61.3 30.7 92.1

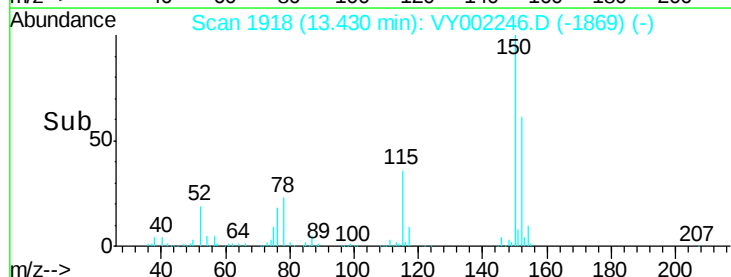
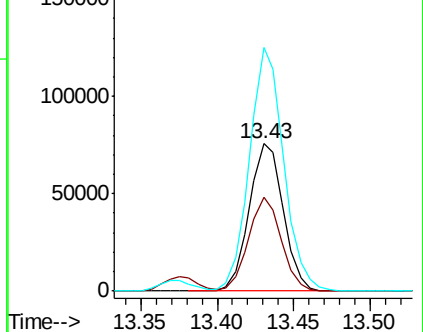
150 165.7 0.0 350.6

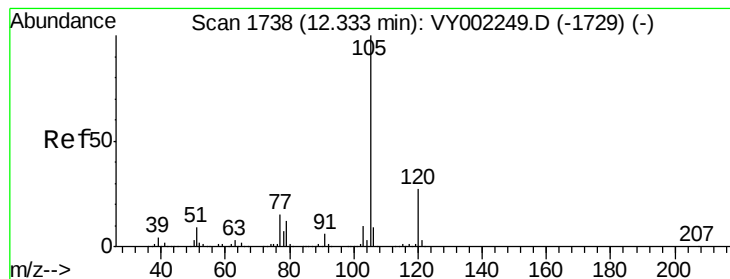


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.545 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

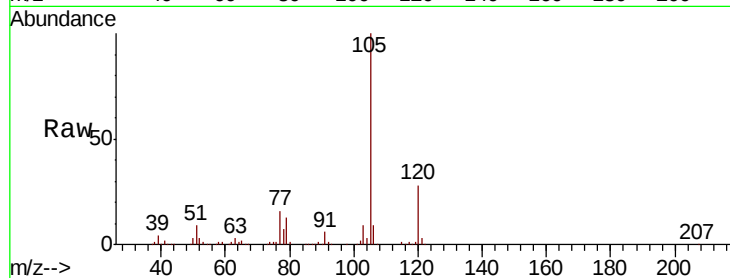
VSTDIC020

Tot Ion:105 Resp: 189227

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

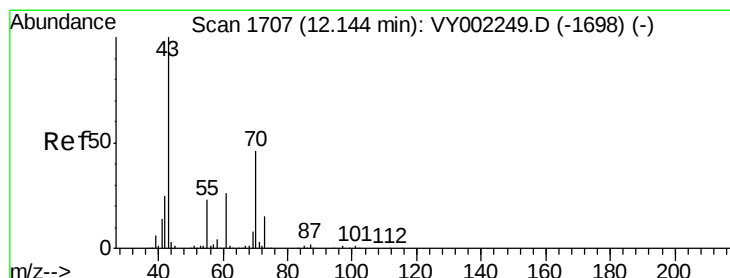
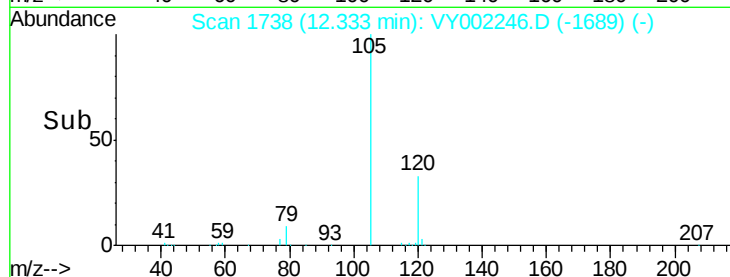
100000

50000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 20.934 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Tgt Ion: 43 Resp: 54730

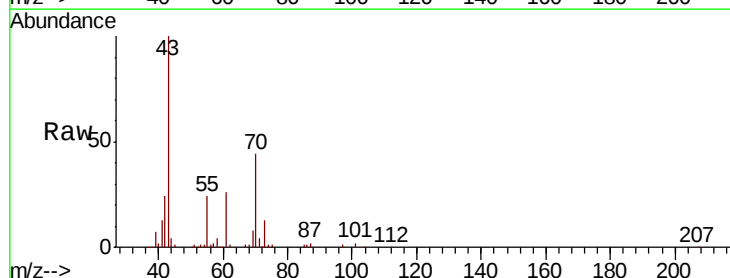
Ion Ratio Lower Upper

43 100

70 46.1 37.5 56.3

55 23.6 19.0 28.6

61 26.5 21.6 32.4



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

60000

50000

40000

30000

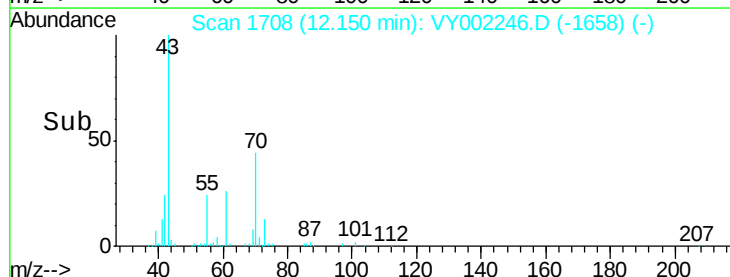
20000

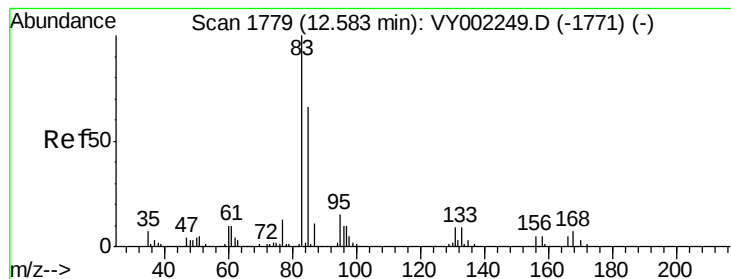
10000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 20.352 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

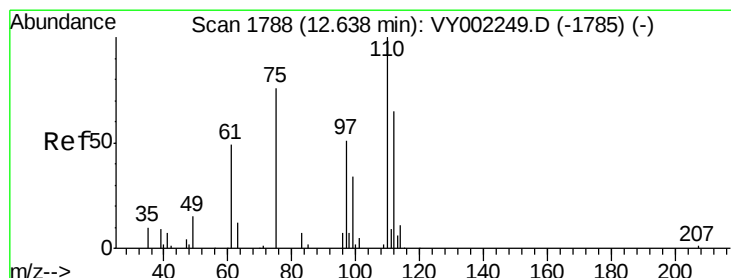
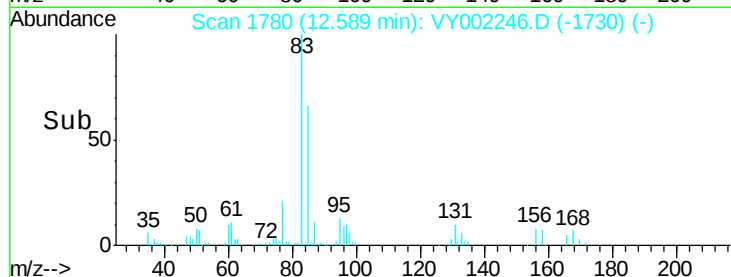
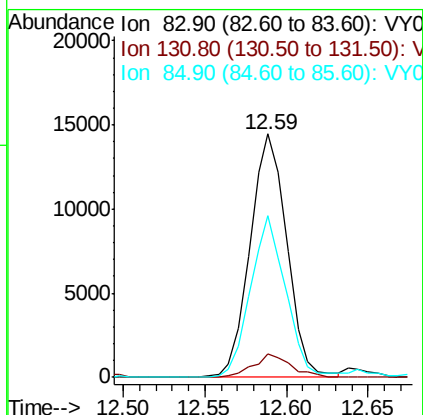
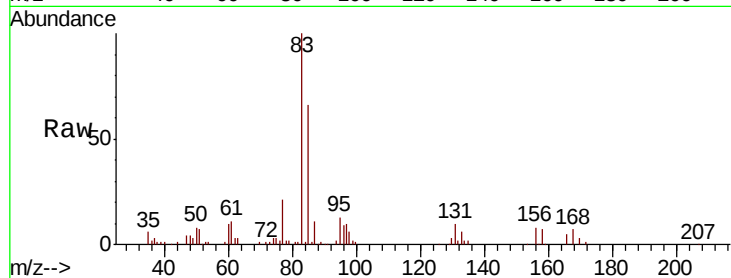
Tot Ion: 83 Resp: 22679

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.8   | 4.9   | 14.7  |
| 85  | 63.7  | 32.6  | 97.8  |

83 100

131 9.8 4.9 14.7

85 63.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 22.032 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY002246.D

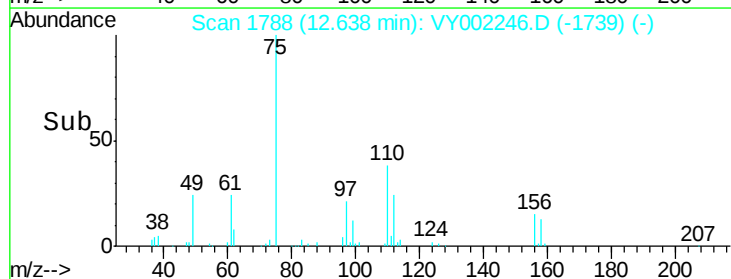
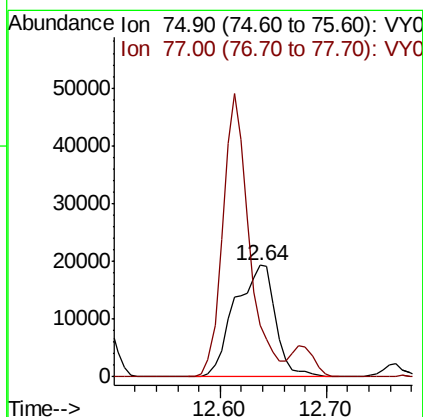
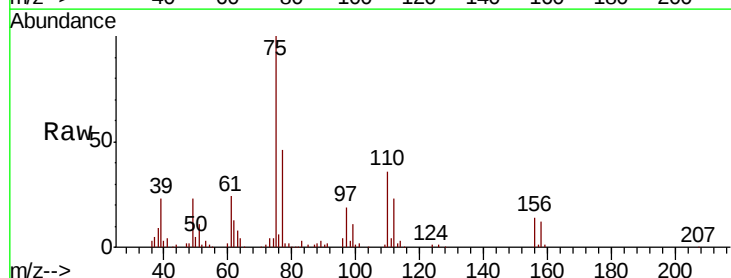
Acq: 08 Apr 2020 12:09

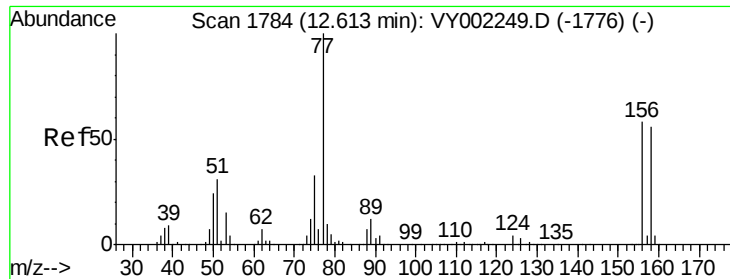
Tgt Ion: 75 Resp: 51749

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.784 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

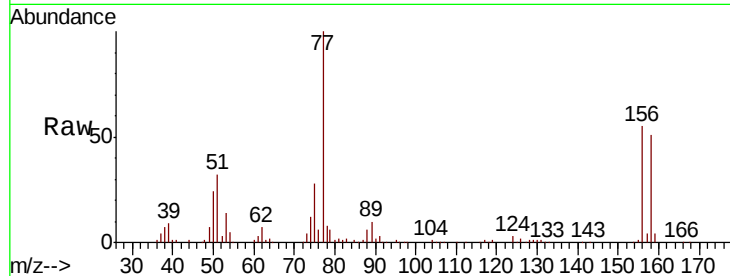
Tot Ion:156 Resp: 42116

Ion Ratio Lower Upper

156 100

77 203.1 101.3 303.9

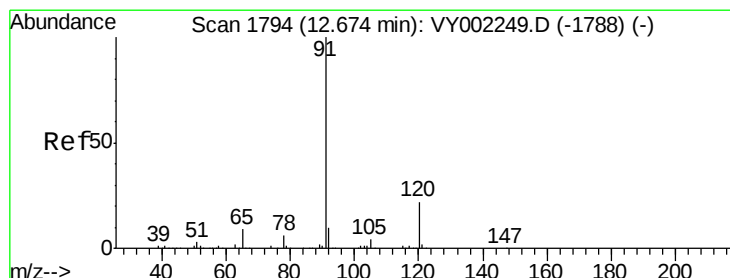
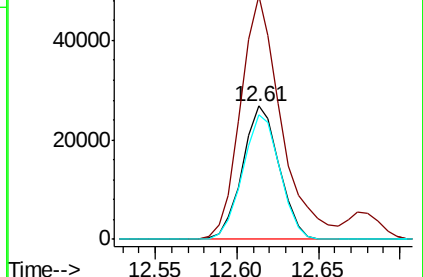
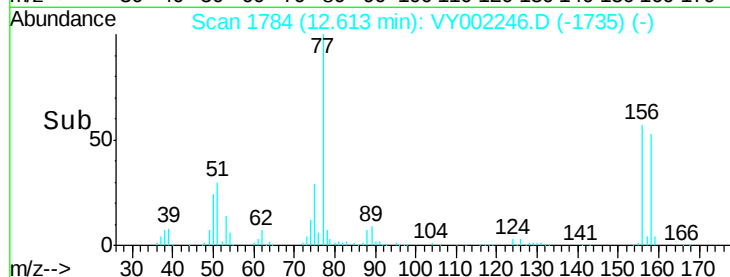
158 94.4 48.3 144.8



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: 20.505 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002246.D

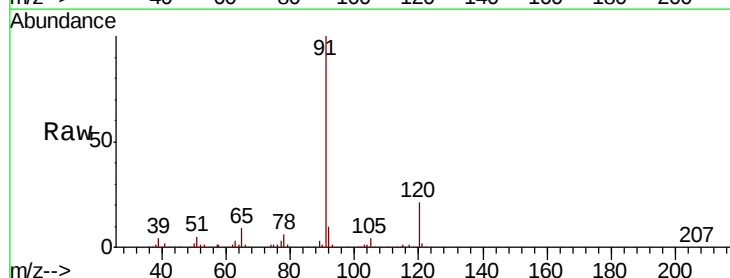
Acq: 08 Apr 2020 12:09

Tgt Ion: 91 Resp: 234879

Ion Ratio Lower Upper

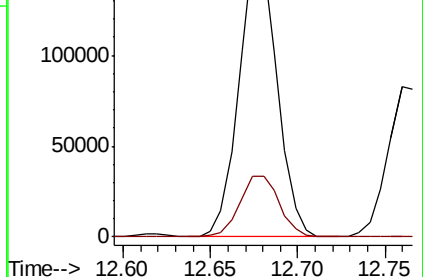
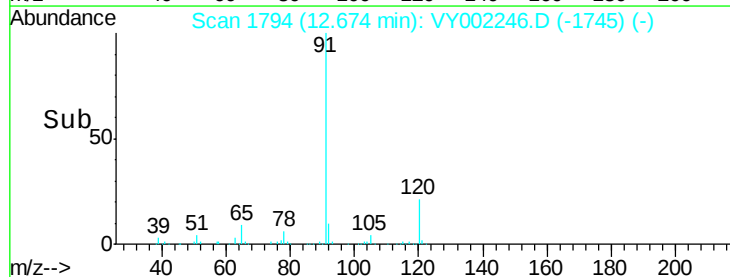
91 100

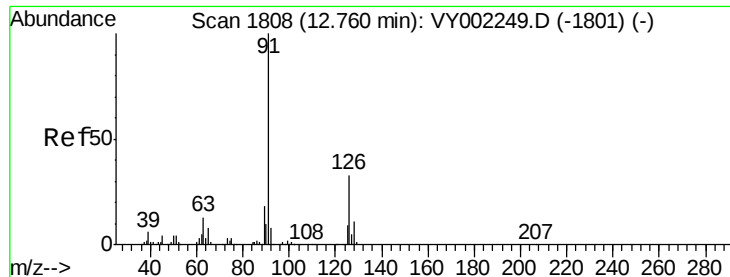
120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.792 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

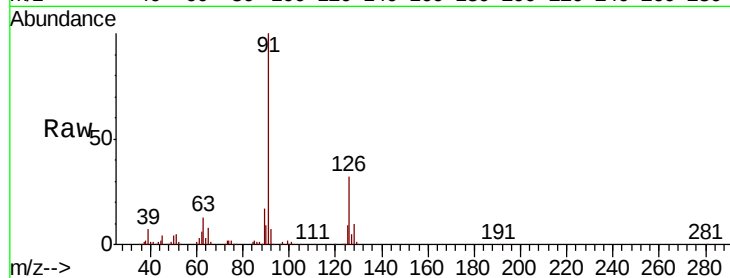
VSTDIC020

Tot Ion: 91 Resp: 129430

Ion Ratio Lower Upper

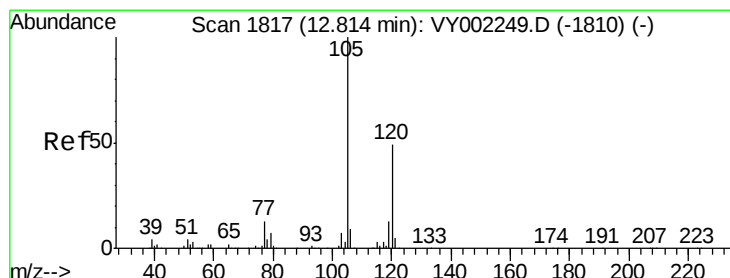
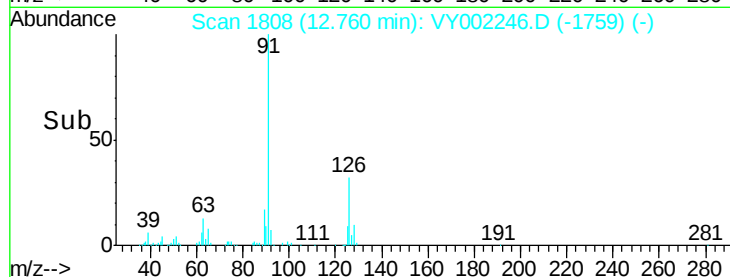
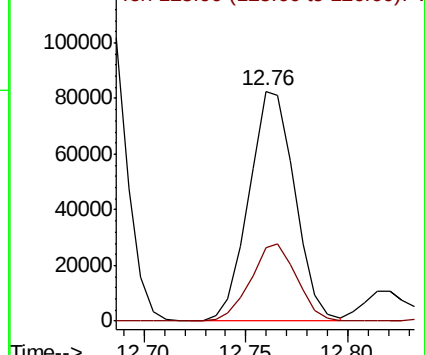
91 100

126 33.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.638 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002246.D

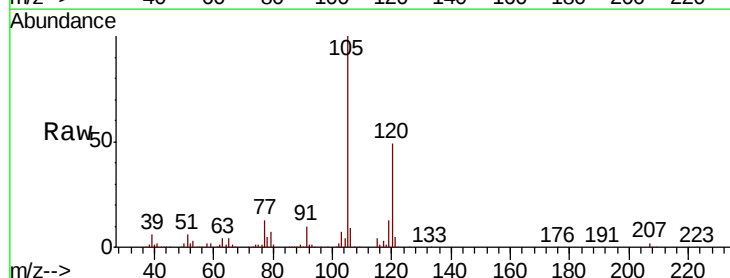
Acq: 08 Apr 2020 12:09

Tgt Ion:105 Resp: 157203

Ion Ratio Lower Upper

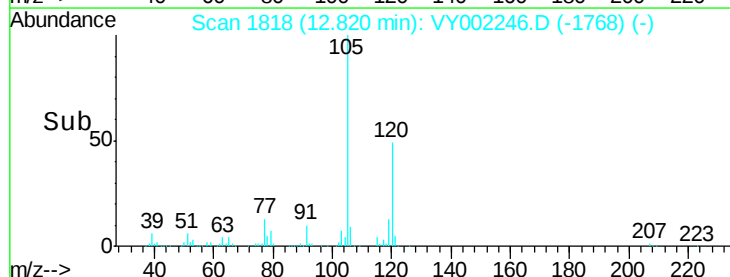
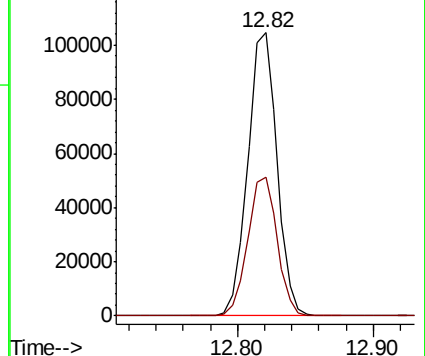
105 100

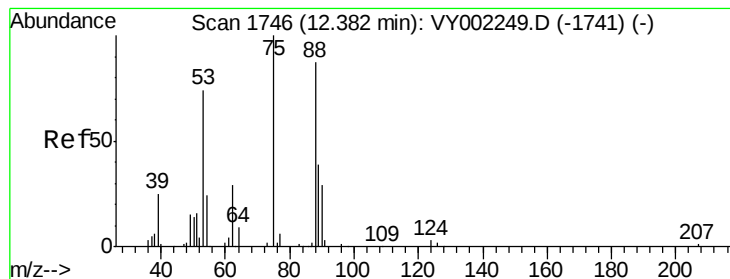
120 49.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY002249.D (-1810) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.059 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampled :

VSTDIC020

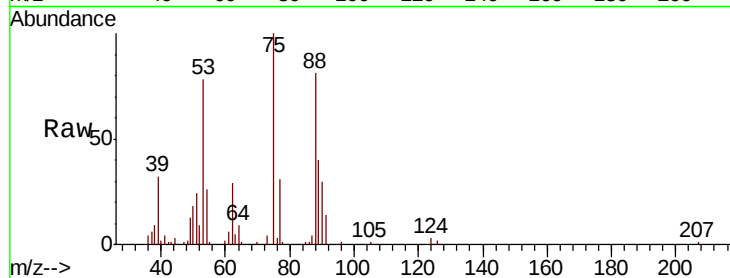
Tot Ion: 75 Resp: 14740

Ion Ratio Lower Upper

75 100

53 77.2 59.8 89.8

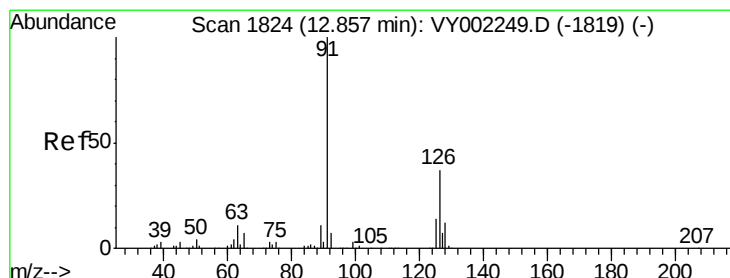
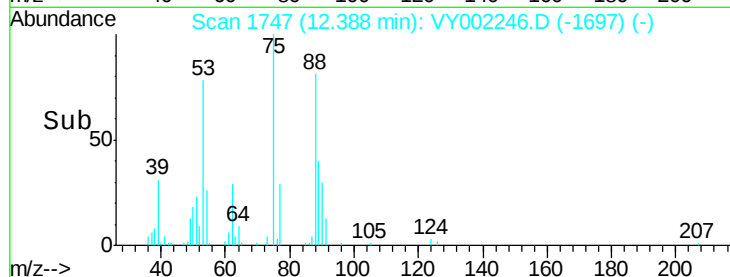
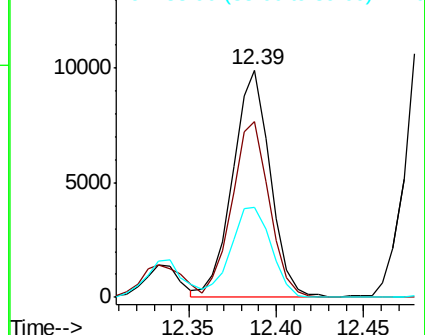
89 42.6 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VY002249.D (-1741) (-)

Ion 53.00 (52.70 to 53.70): VY002249.D (-1741) (-)

Ion 88.90 (88.60 to 89.60): VY002249.D (-1741) (-)



#82

4-Chlorotoluene

Concen: 20.710 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VY002246.D

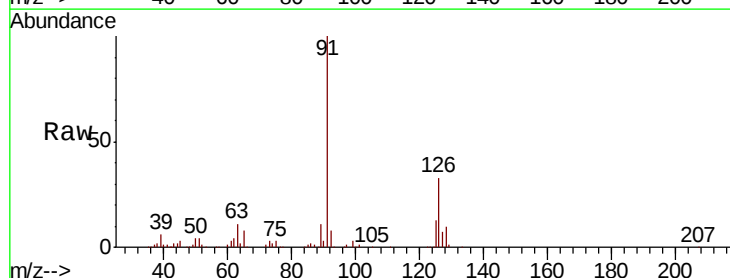
Acq: 08 Apr 2020 12:09

Tgt Ion: 91 Resp: 135122

Ion Ratio Lower Upper

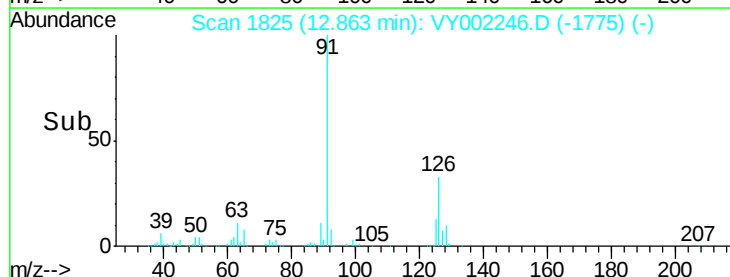
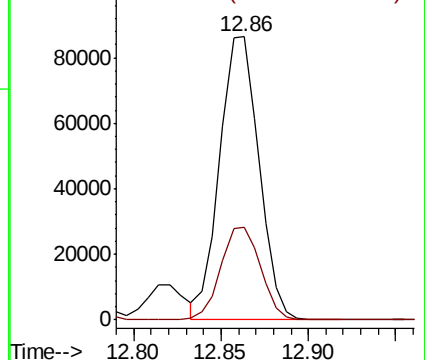
91 100

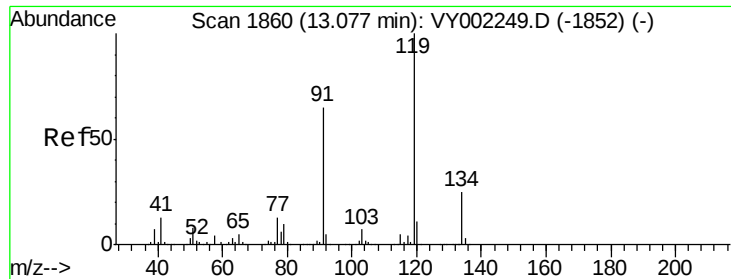
126 33.3 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1819) (-)

Ion 125.90 (125.60 to 126.60): VY002249.D (-1819) (-)

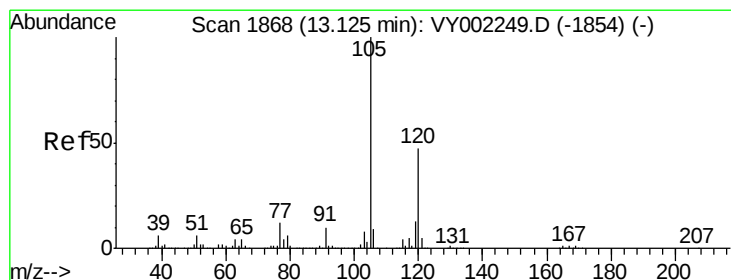
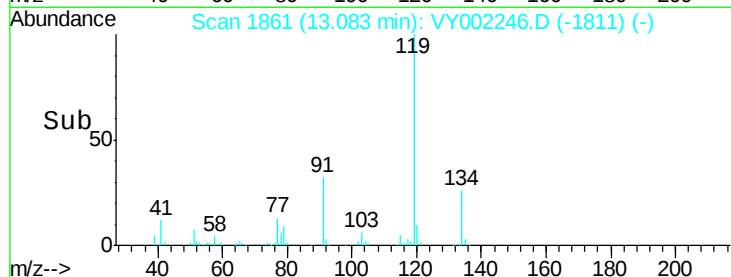
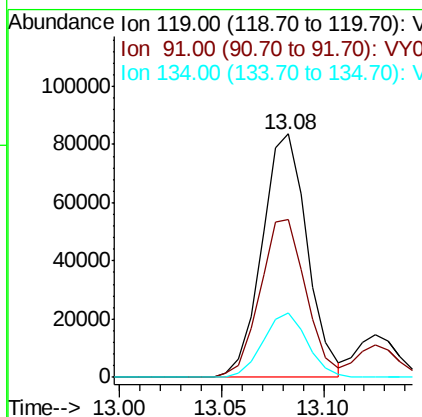
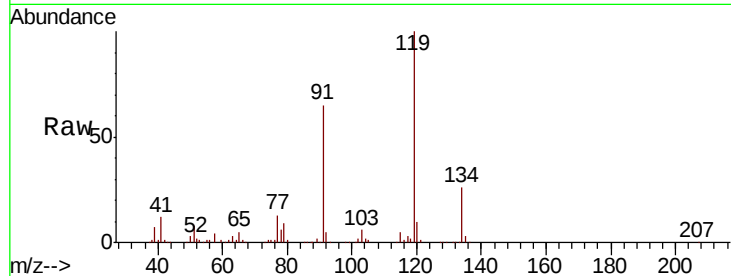




#83  
 tert-Butylbenzene  
 Concen: 20.222 ug/l  
 RT: 13.08 min Scan# 1861  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

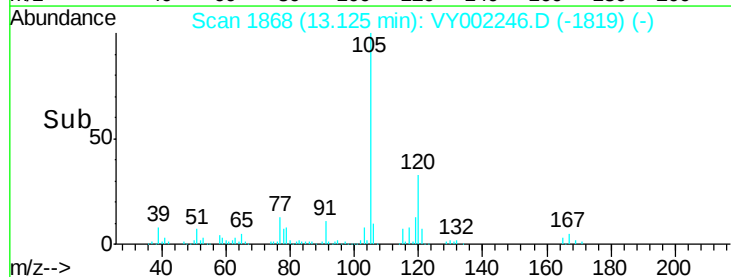
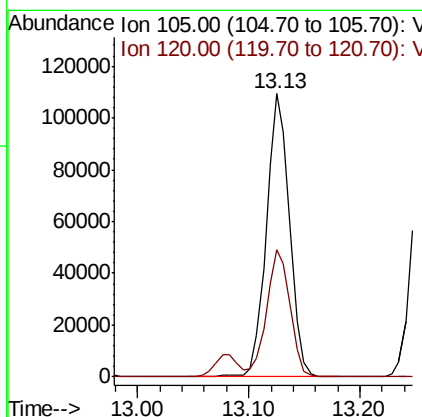
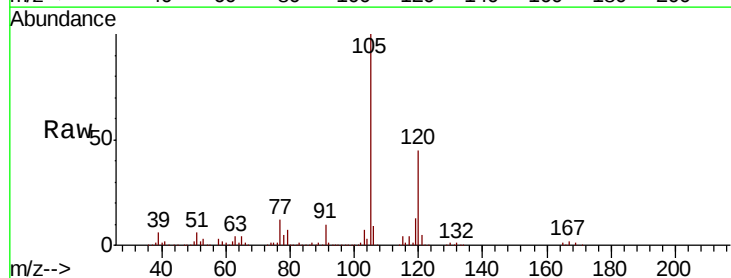
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

Tot Ion:119 Resp: 129024  
 Ion Ratio Lower Upper  
 119 100  
 91 65.9 32.4 97.0  
 134 26.2 12.6 37.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.812 ug/l  
 RT: 13.13 min Scan# 1868  
 Delta R.T. -0.00 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion:105 Resp: 158302  
 Ion Ratio Lower Upper  
 105 100  
 120 45.7 23.1 69.2

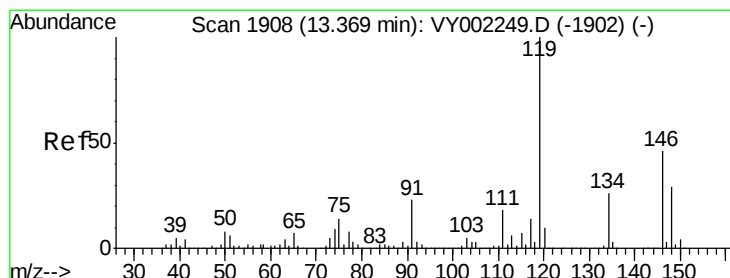
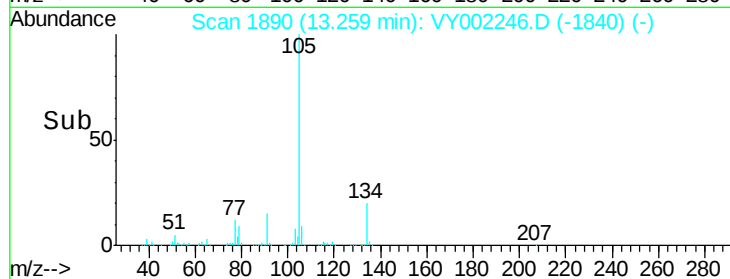
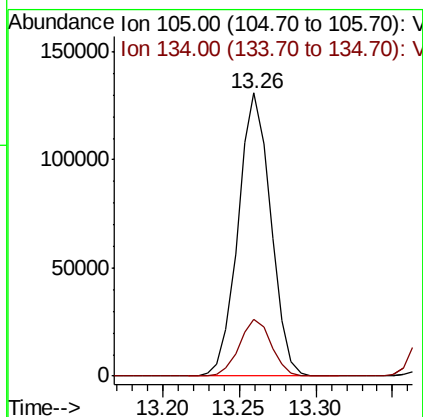
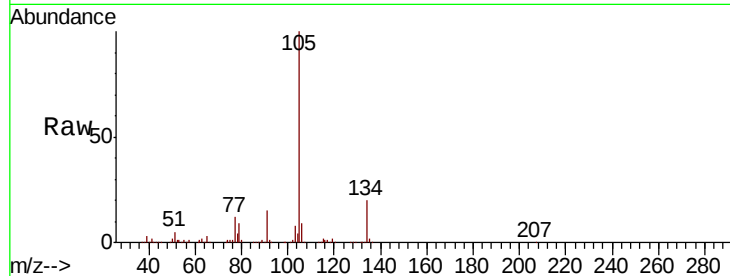




#85  
 sec-Butylbenzene  
 Concen: 20.382 ug/l  
 RT: 13.26 min Scan# 1890  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

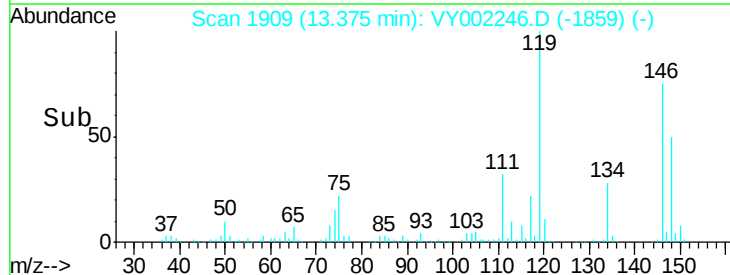
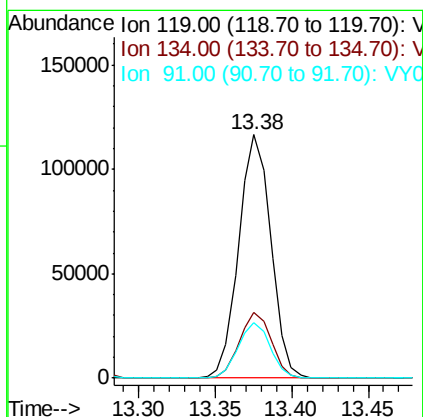
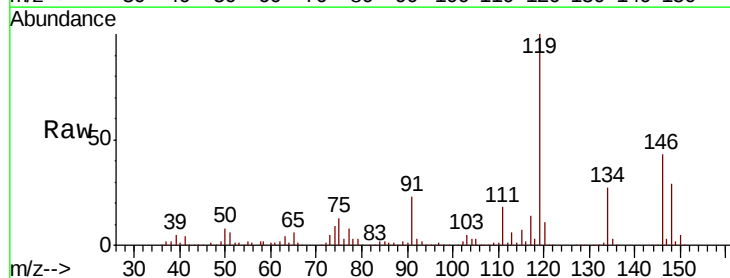
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

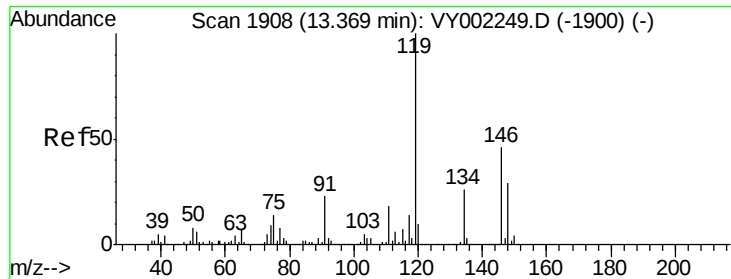
Tot Ion:105 Resp: 193722  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 20.803 ug/l  
 RT: 13.38 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion:119 Resp: 170177  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.3 39.9  
 91 22.9 11.5 34.4

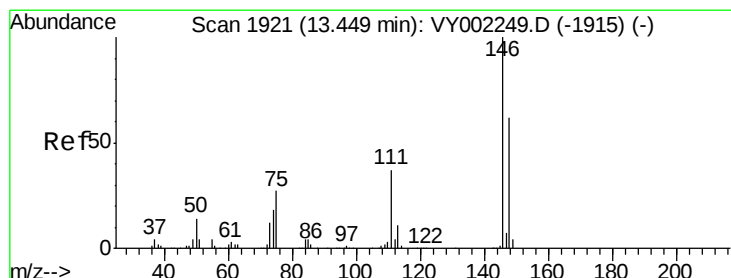
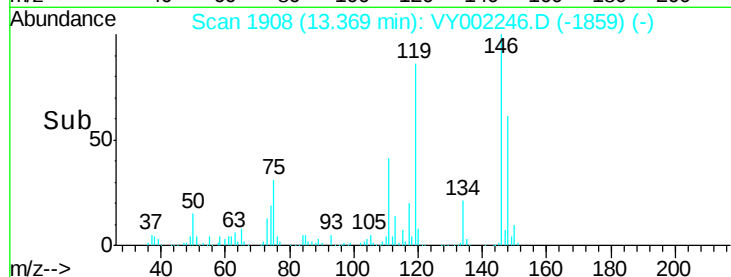
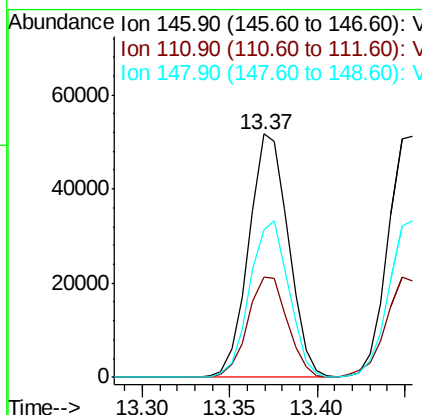
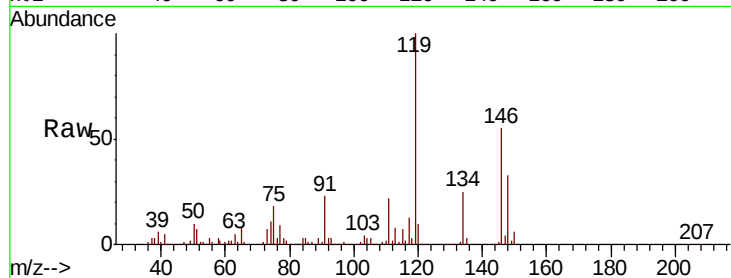




#87  
 1,3-Dichlorobenzene  
 Concen: 20.747 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.00 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

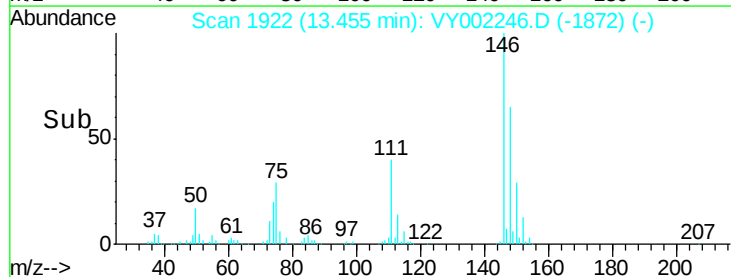
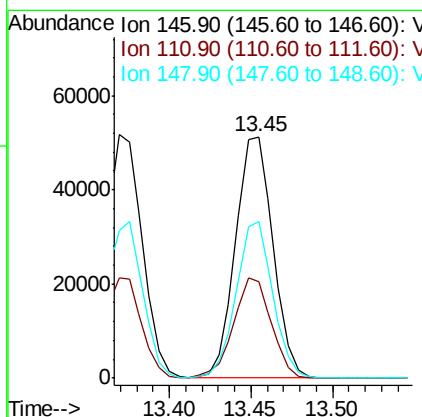
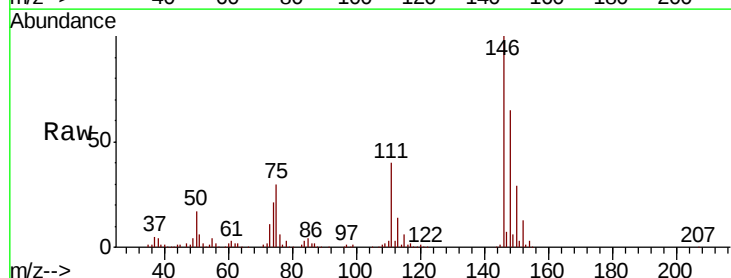
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

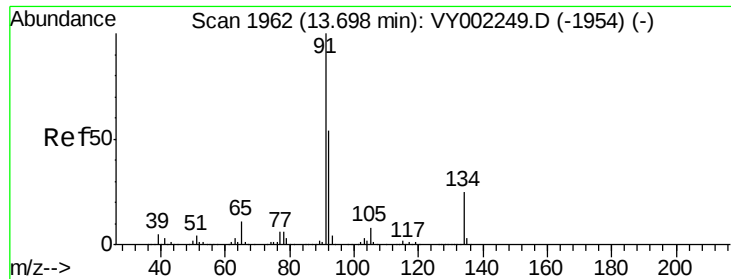
Tot Ion:146 Resp: 81476  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.3 60.8  
 148 63.5 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 20.587 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

Tgt Ion:146 Resp: 82068  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 19.6 58.8  
 148 63.2 32.0 96.0

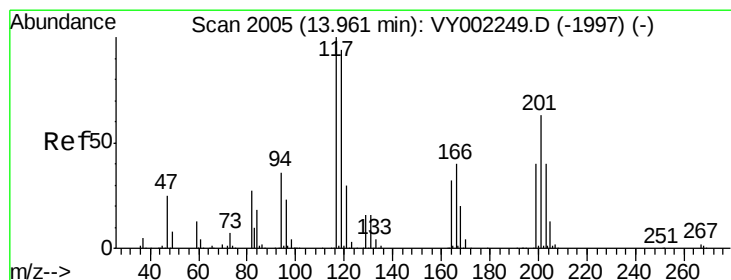
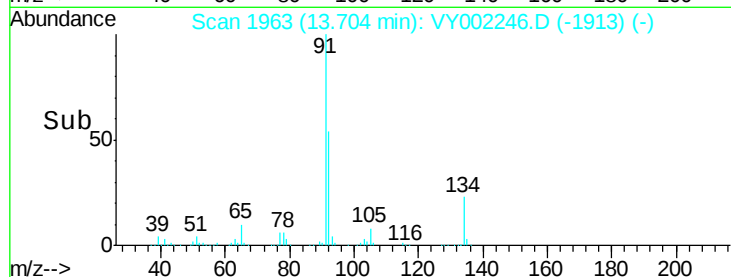
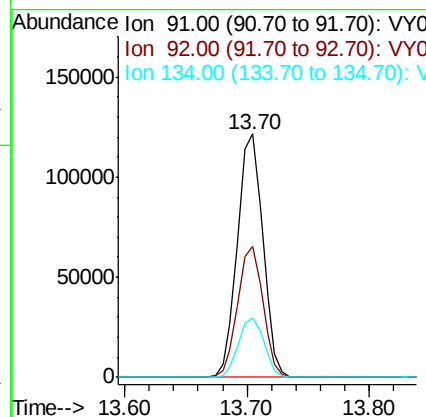
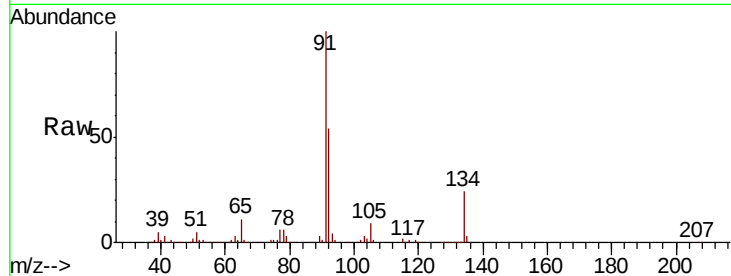




#89  
n-Butylbenzene  
Concen: 20.831 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

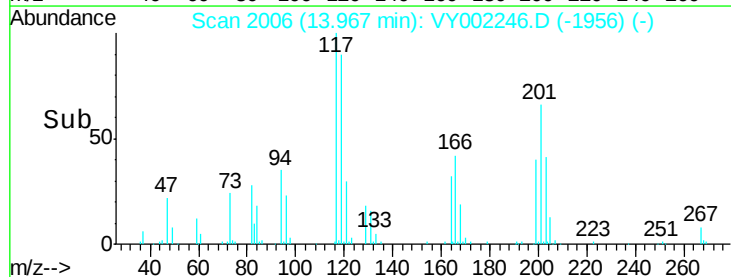
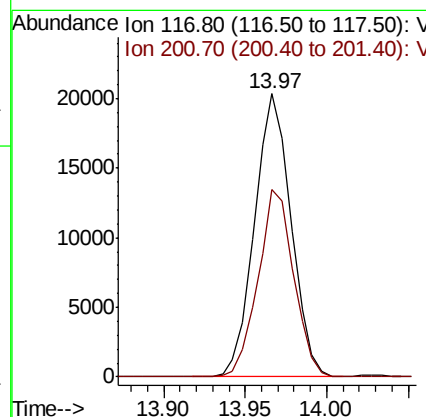
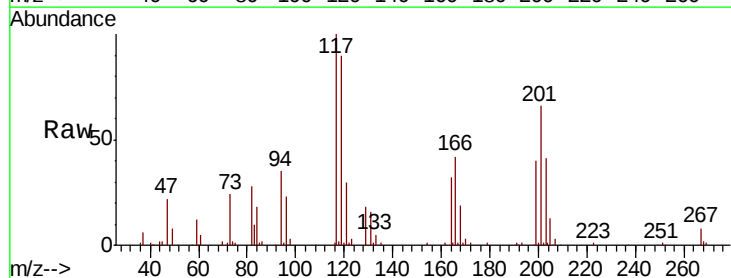
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

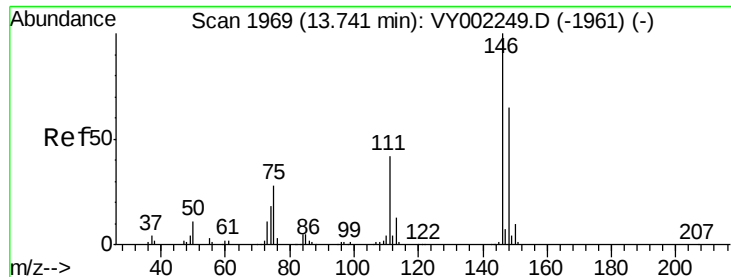
Tot Ion: 91 Resp: 174668  
Ion Ratio Lower Upper  
91 100  
92 53.3 27.2 81.6  
134 24.7 12.7 38.0



#90  
Hexachloroethane  
Concen: 20.310 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion: 117 Resp: 31660  
Ion Ratio Lower Upper  
117 100  
201 64.6 33.1 99.2





#91

1,2-Dichlorobenzene

Concen: 21.040 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.01 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

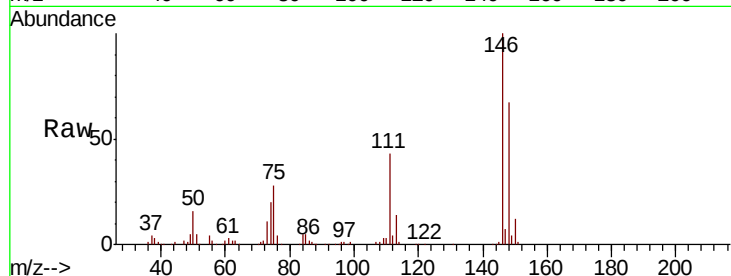
Tot Ion:146 Resp: 75079

Ion Ratio Lower Upper

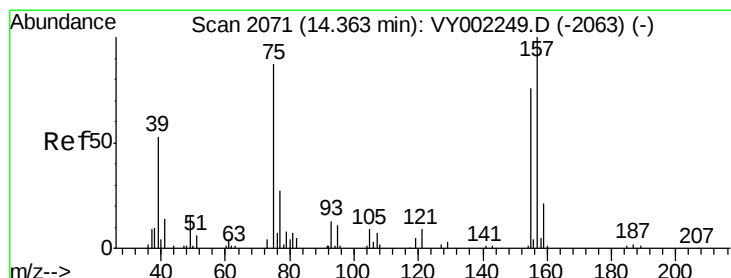
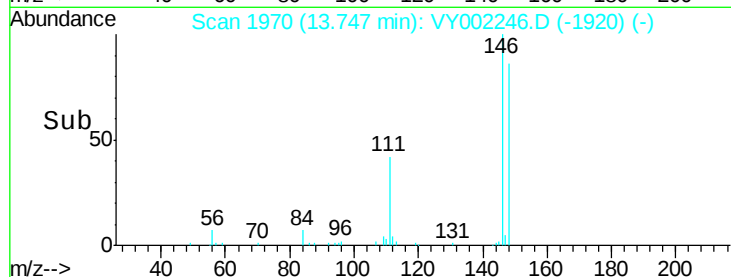
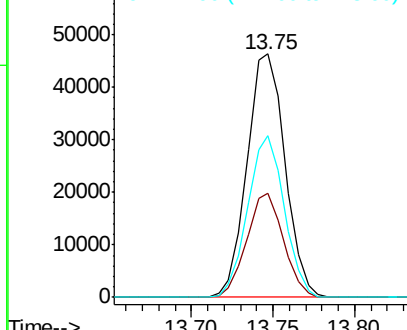
146 100

111 41.5 21.1 63.1

148 63.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.564 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VY002246.D

Acq: 08 Apr 2020 12:09

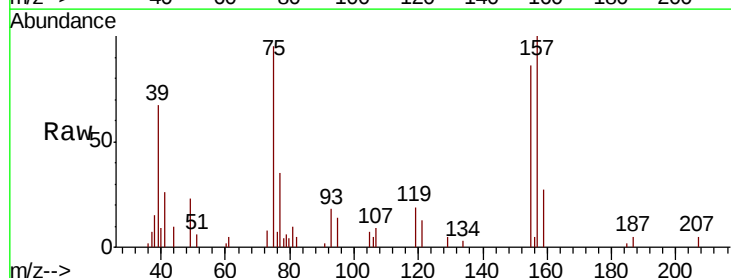
Tgt Ion: 75 Resp: 5542

Ion Ratio Lower Upper

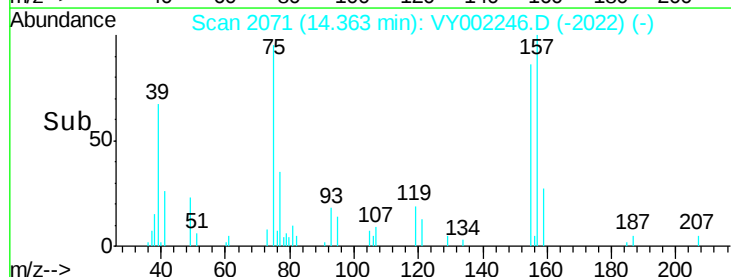
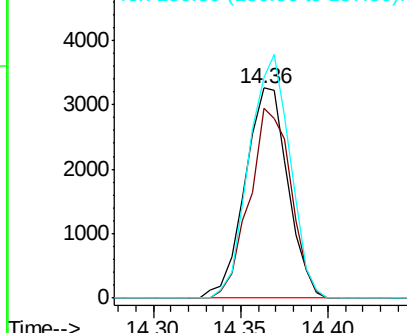
75 100

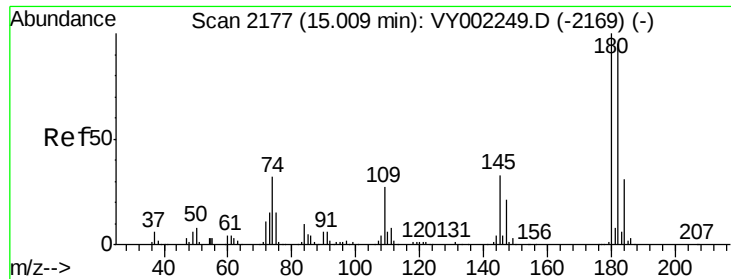
155 87.4 43.6 130.8

157 110.6 56.0 168.2



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V

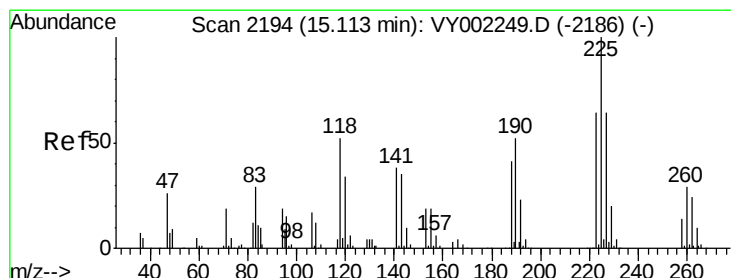
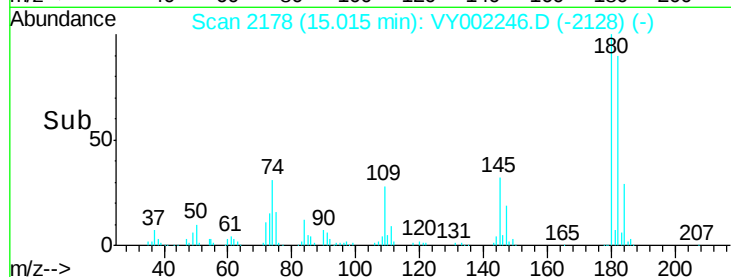
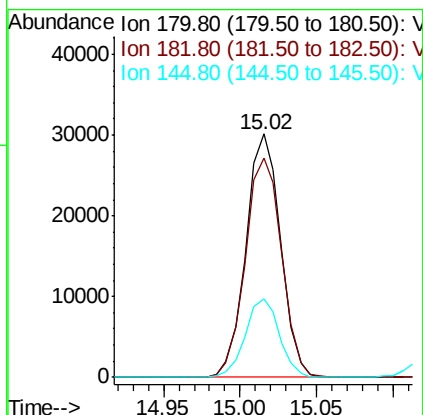
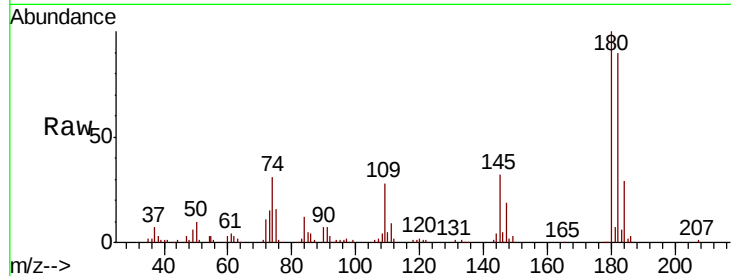




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.290 ug/l  
 RT: 15.02 min Scan# 2178  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

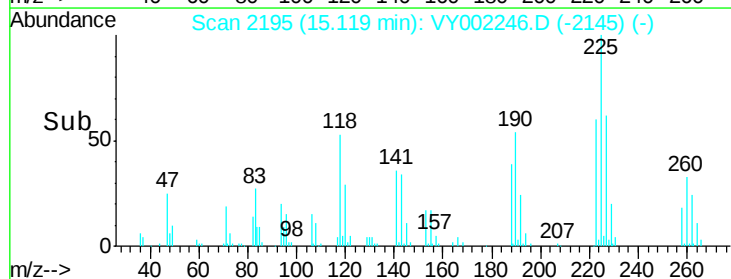
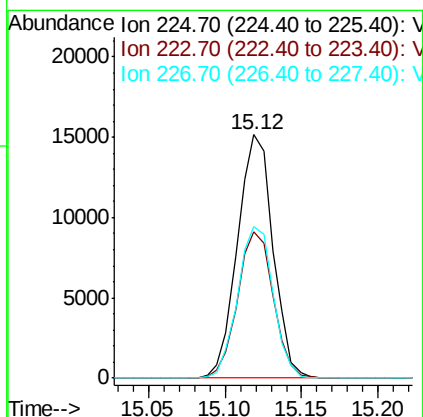
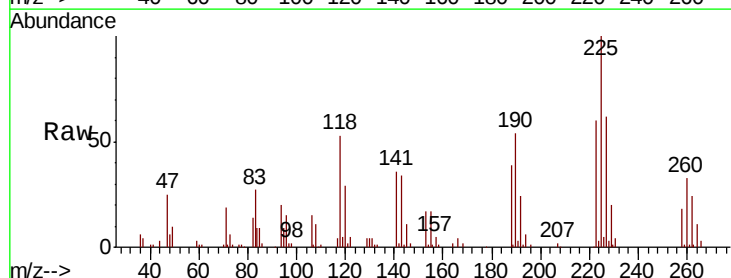
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

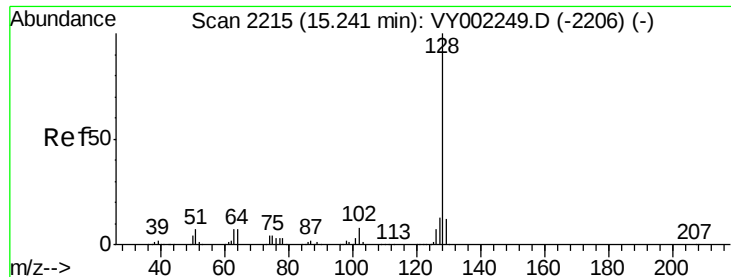
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 47.9  | 143.7 |
| 145     | 31.7  | 16.0  | 48.0  |



#94  
 Hexachlorobutadiene  
 Concen: 20.755 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. 0.01 min  
 Lab File: VY002246.D  
 Acq: 08 Apr 2020 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.6  | 31.0  | 93.0  |
| 227     | 61.9  | 31.3  | 93.9  |

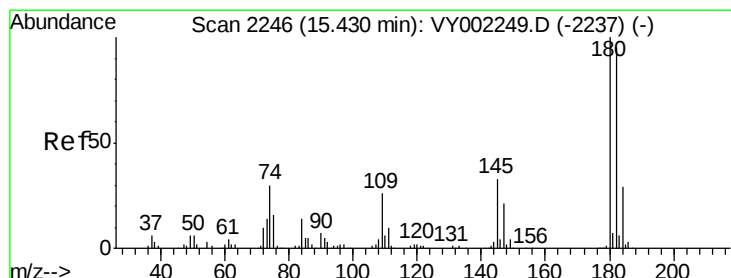
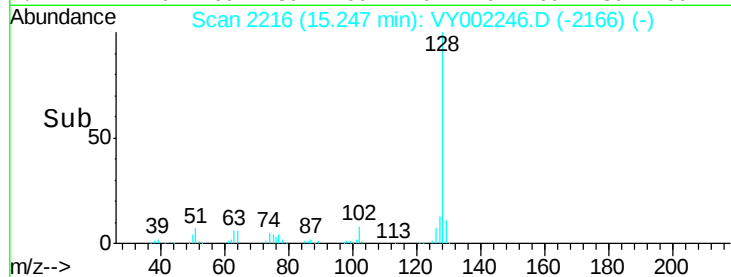
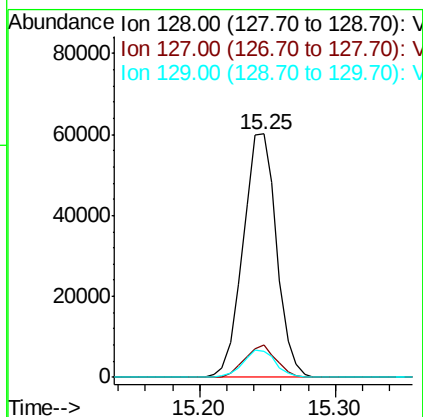
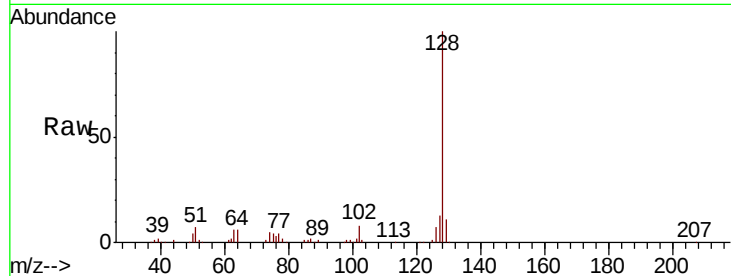




#95  
Naphthalene  
Concen: 20.261 ug/l  
RT: 15.25 min Scan# 2216  
Delta R.T. 0.01 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tot Ion:128 Resp: 103471  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.1 15.1  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 20.417 ug/l  
RT: 15.43 min Scan# 2246  
Delta R.T. -0.00 min  
Lab File: VY002246.D  
Acq: 08 Apr 2020 12:09

Tgt Ion:180 Resp: 41350  
Ion Ratio Lower Upper  
180 100  
182 92.7 47.1 141.3  
145 32.8 16.7 50.1

