

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\  
 Data File : VY002088.D  
 Acq On : 26 Mar 2020 16:09  
 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: Mar 27 04:09:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y032620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 04:05:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 166367   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 299006   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 270921   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 129469   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 37457    | 20.86 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 41.72% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 33405    | 20.34 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 40.68% |          |
| 50) Toluene-d8              | 10.19 | 98   | 139441   | 20.12 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 40.24% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 48932    | 20.26 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 40.52% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85   | 32117    | 22.048  | ug/l  | 98     |
| 3) Chloromethane              | 2.12 | 50   | 43549    | 21.531  | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.26 | 62   | 42409    | 20.616  | ug/l  | 97     |
| 5) Bromomethane               | 2.65 | 94   | 26371    | 19.137  | ug/l  | 98     |
| 6) Chloroethane               | 2.80 | 64   | 27177    | 20.769  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.14 | 101  | 56913    | 20.215  | ug/l  | 98     |
| 8) Diethyl Ether              | 3.55 | 74   | 23884    | 21.345  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101  | 36513    | 20.069  | ug/l  | 98     |
| 10) Methyl Iodide             | 4.11 | 142  | 42837    | 20.388  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.99 | 59   | 22464    | 103.927 | ug/l  | 96     |
| 12) 1,1-Dichloroethene        | 3.88 | 96   | 36599    | 19.985  | ug/l  | 93     |
| 13) Acrolein                  | 3.75 | 56   | 26240    | 100.948 | ug/l  | 98     |
| 14) Allyl chloride            | 4.50 | 41   | 66647    | 20.328  | ug/l  | 99     |
| 15) Acrylonitrile             | 5.19 | 53   | 62264    | 104.060 | ug/l  | 99     |
| 16) Acetone                   | 3.97 | 43   | 52530    | 102.267 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.21 | 76   | 122589   | 19.941  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.50 | 43   | 27739    | 21.027  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.25 | 73   | 102901   | 20.608  | ug/l  | 97     |
| 20) Methylene Chloride        | 4.74 | 84   | 51363    | 23.245  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.24 | 96   | 41879    | 20.058  | ug/l  | 98     |
| 22) Diisopropyl ether         | 6.14 | 45   | 138727   | 20.619  | ug/l  | 98     |
| 23) Vinyl Acetate             | 6.08 | 43   | 459655   | 104.492 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 6.04 | 63   | 71969    | 19.819  | ug/l  | 98     |
| 25) 2-Butanone                | 7.01 | 43   | 82021    | 104.955 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 7.00 | 77   | 58912    | 19.723  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96   | 45956    | 20.213  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.35 | 49   | 31747    | 19.154  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.36 | 42   | 53356    | 102.575 | ug/l  | 99     |
| 30) Chloroform                | 7.53 | 83   | 67795    | 19.882  | ug/l  | 98     |
| 31) Cyclohexane               | 7.80 | 56   | 77373    | 19.929  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97   | 56070    | 19.537  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75   | 57170    | 20.040  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.10 | 43   | 35704    | 21.593  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 7.91 | 117  | 48387    | 19.799  | ug/l  | 98     |

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 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

Quant Time: Mar 27 04:09:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y032620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 04:05:22 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 74396    | 19.628  | ug/l   | 98       |
| 40) Benzene                    | 8.17  | 78   | 170068   | 20.081  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.36  | 41   | 47594    | 61.784  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 45774    | 20.949  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.28  | 43   | 65761    | 20.926  | ug/l   | 99       |
| 44) Trichloroethene            | 8.95  | 130  | 41045    | 19.877  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 43644    | 20.456  | ug/l   | 96       |
| 46) Dibromomethane             | 9.31  | 93   | 22529    | 20.491  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 51591    | 20.150  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.30  | 41   | 30140    | 21.774  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 6072     | 404.665 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 172838   | 106.835 | ug/l   | 100      |
| 52) Toluene                    | 10.25 | 92   | 102988   | 20.030  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 57158    | 20.510  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 66491    | 20.041  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 33407    | 20.723  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 48902    | 20.853  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 59437    | 20.708  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.79  | 63   | 129414   | 129.433 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.84 | 43   | 121475   | 105.468 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 34073    | 20.152  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 30911    | 20.295  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.72 | 164  | 34176    | 20.199  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.52 | 112  | 106329   | 19.900  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 35369    | 20.153  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 198089   | 19.846  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 146251   | 39.702  | ug/l   | 100      |
| 69) o-Xylene                   | 12.03 | 106  | 69486    | 19.994  | ug/l   | 99       |
| 70) Styrene                    | 12.05 | 104  | 119541   | 20.069  | ug/l   | 98       |
| 71) Bromoform                  | 12.21 | 173  | 19418    | 20.437  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.33 | 105  | 185792   | 18.855  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.15 | 43   | 60547    | 20.006  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 40420    | 19.077  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 54032    | 34.817  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 40057    | 19.111  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 232973   | 19.142  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 125879   | 18.727  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 154593   | 19.009  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 14822    | 19.592  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 135176   | 19.288  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 126804   | 18.717  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 155728   | 19.316  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.26 | 105  | 189536   | 19.029  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 166796   | 19.403  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 80198    | 19.580  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 79357    | 19.113  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.70 | 91   | 173061   | 19.396  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 30663    | 18.913  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 72187    | 19.326  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 6776     | 20.456  | ug/l   | 93       |

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

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC020

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Quant Title : SW846 8260  
QLast Update : Fri Mar 27 04:05:22 2020  
Response via : Initial Calibration

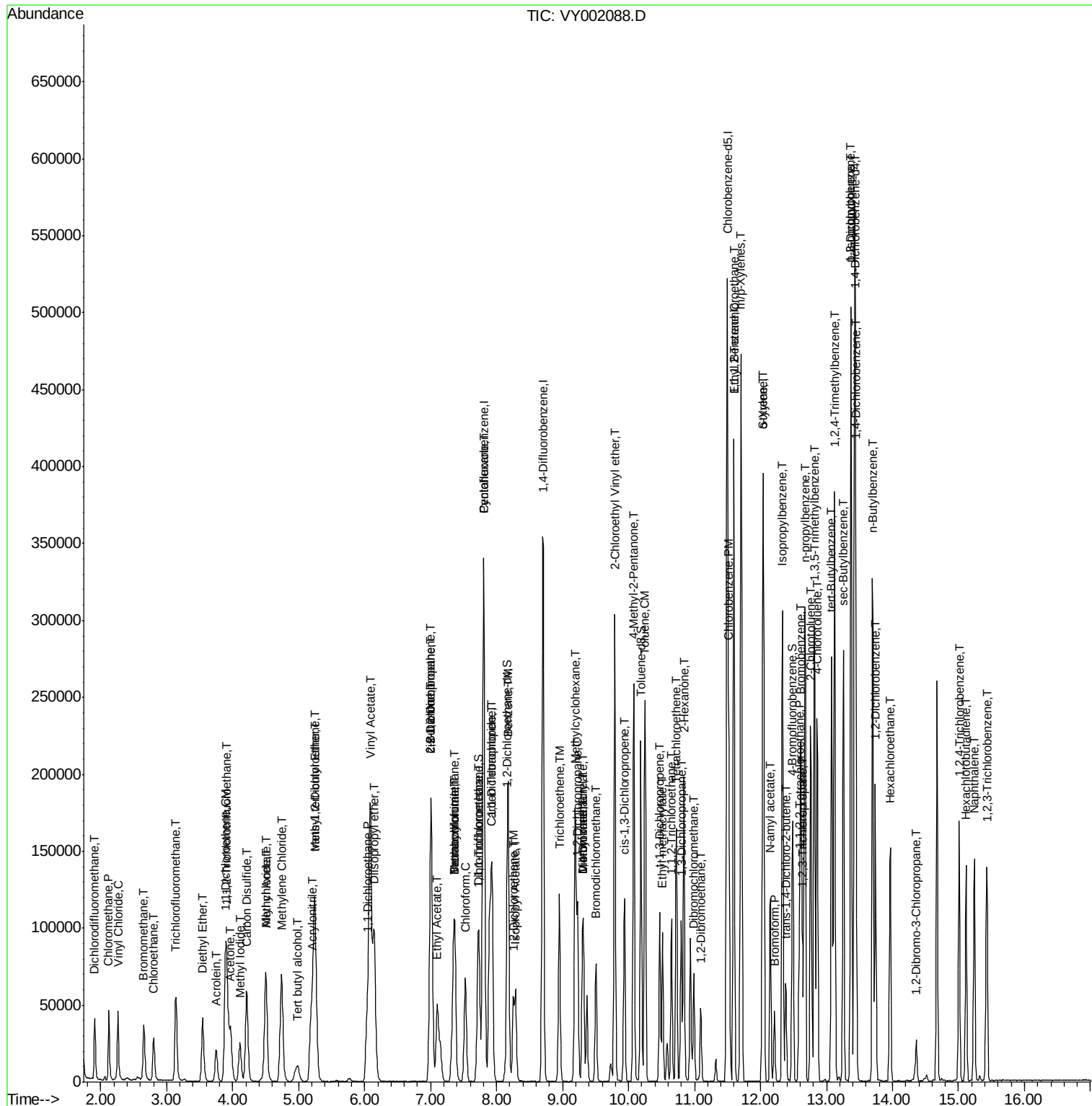
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 46797    | 19.413 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 23309    | 19.713 | ug/l  | 99       |
| 95) Naphthalene            | 15.24 | 128  | 111275   | 19.458 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180  | 42315    | 19.835 | ug/l  | 99       |

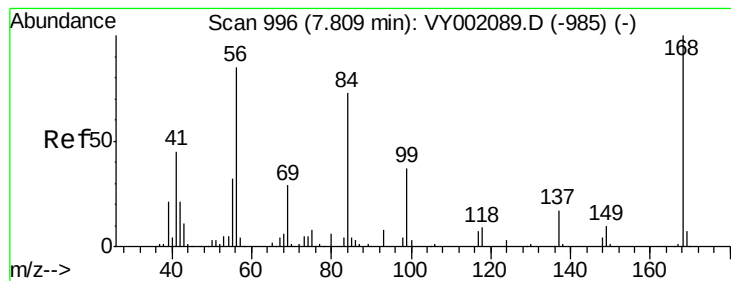
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Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

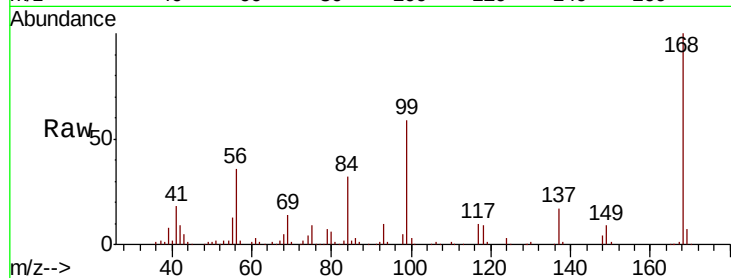
VSTDIC020

Tot Ion:168 Resp: 166367

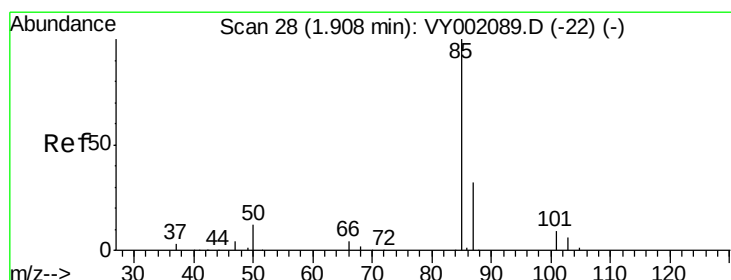
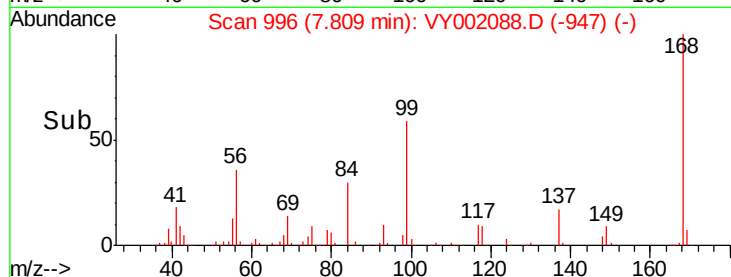
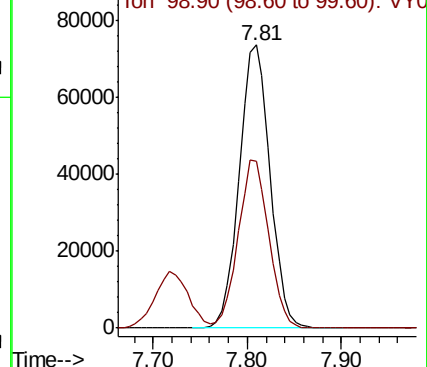
Ion Ratio Lower Upper

168 100

99 58.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 22.048 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002088.D

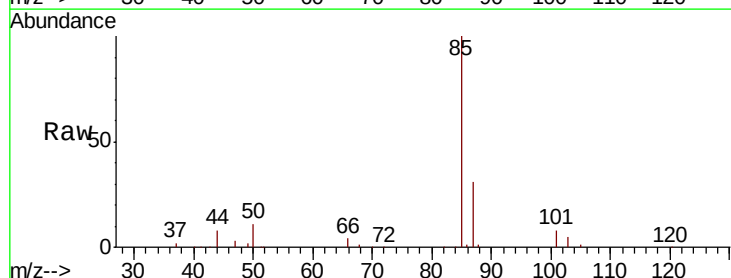
Acq: 26 Mar 2020 16:09

Tgt Ion: 85 Resp: 32117

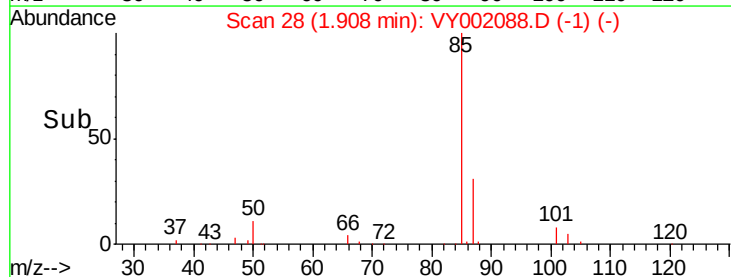
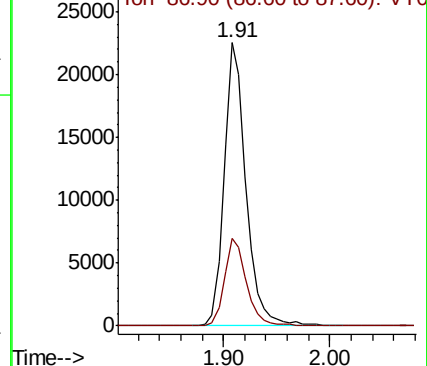
Ion Ratio Lower Upper

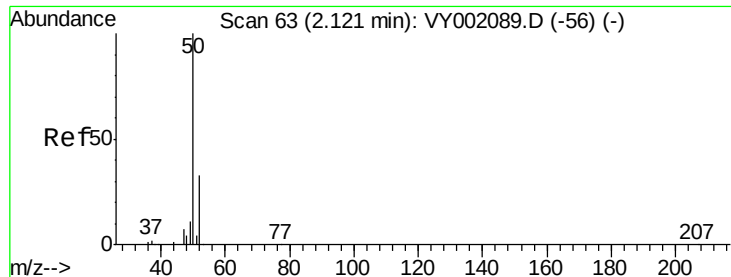
85 100

87 31.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 21.531 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

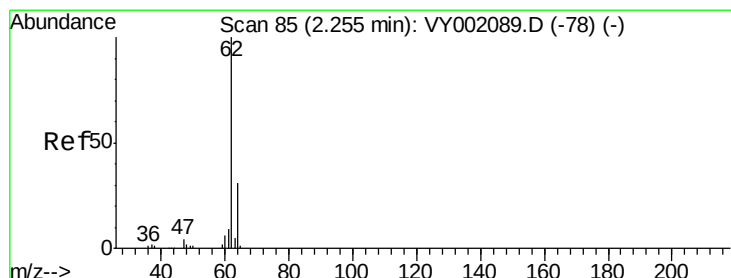
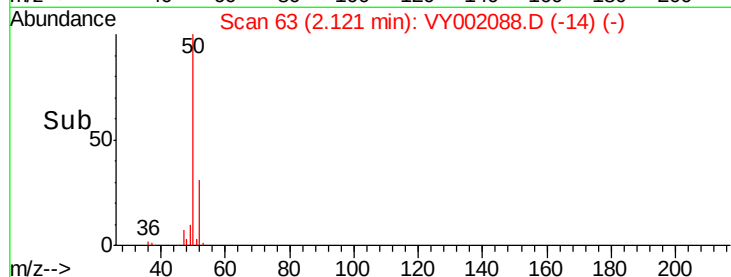
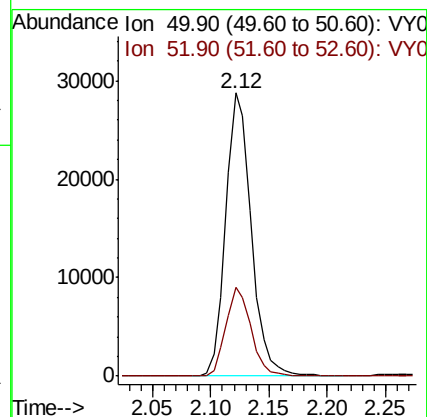
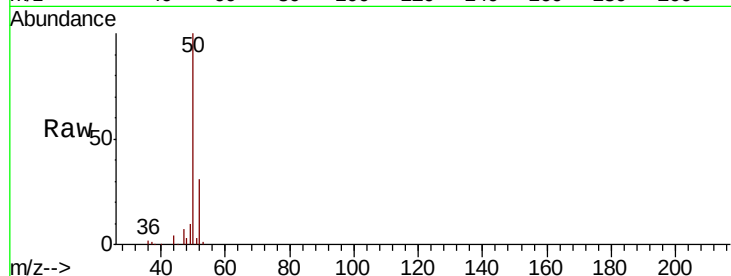
VSTDIC020

Tot Ion: 50 Resp: 43549

Ion Ratio Lower Upper

50 100

52 31.3 26.1 39.1



#4

Vinyl Chloride

Concen: 20.616 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002088.D

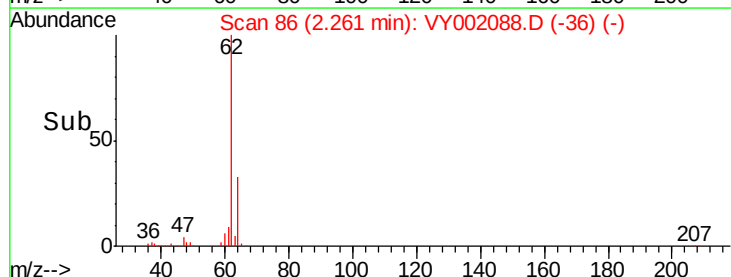
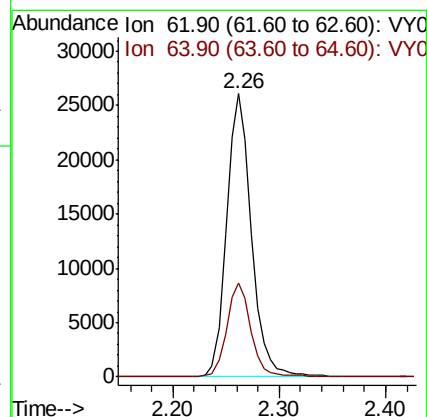
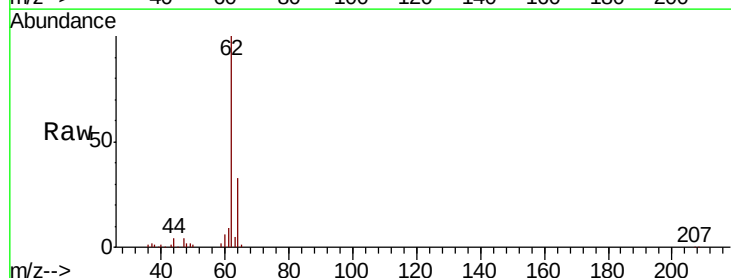
Acq: 26 Mar 2020 16:09

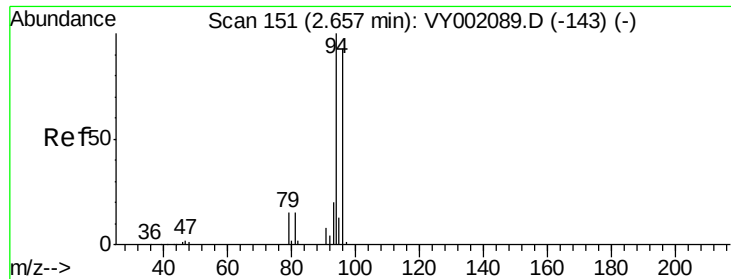
Tgt Ion: 62 Resp: 42409

Ion Ratio Lower Upper

62 100

64 33.0 25.2 37.8





#5

Bromomethane

Concen: 19.137 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

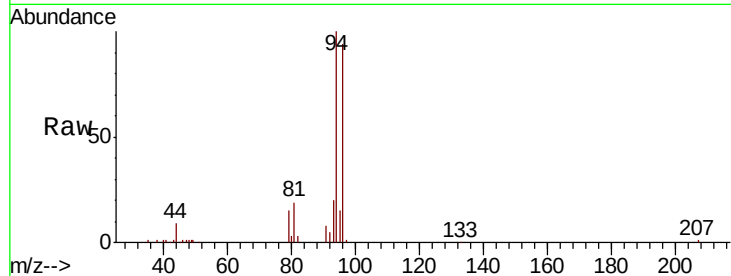
VSTDIC020

Tot Ion: 94 Resp: 26371

Ion Ratio Lower Upper

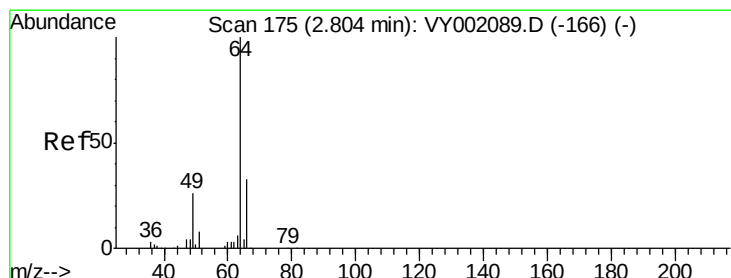
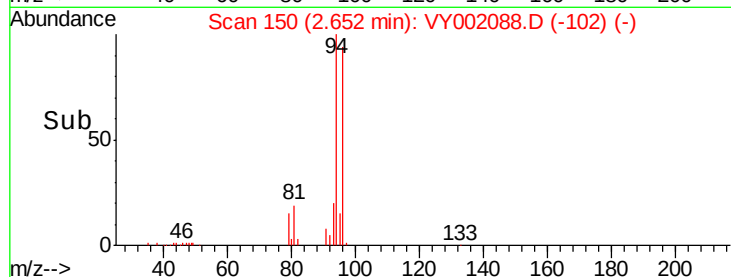
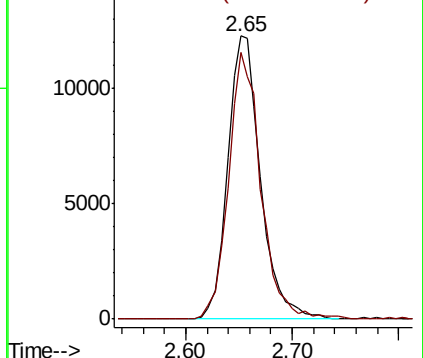
94 100

96 94.3 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.769 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002088.D

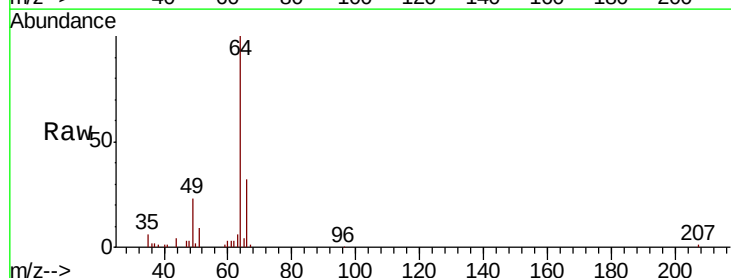
Acq: 26 Mar 2020 16:09

Tgt Ion: 64 Resp: 27177

Ion Ratio Lower Upper

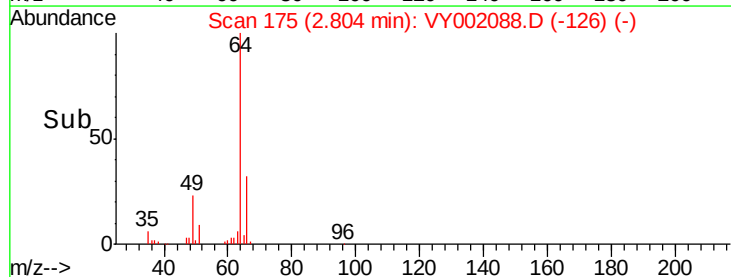
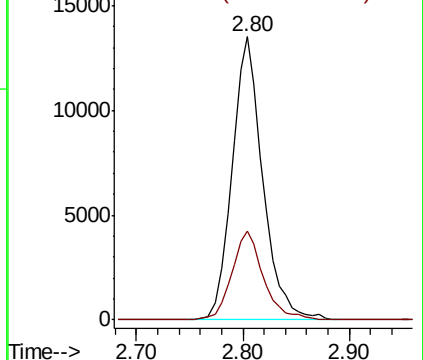
64 100

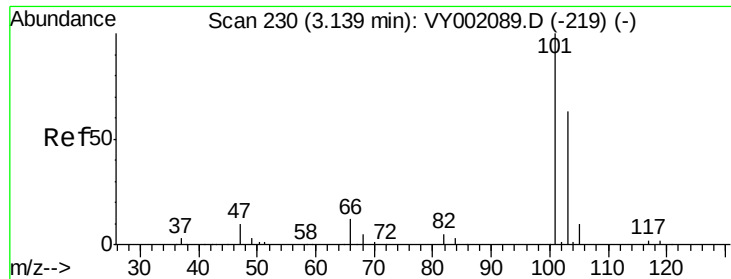
66 31.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



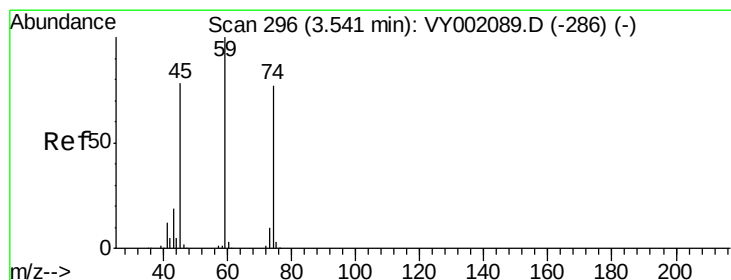
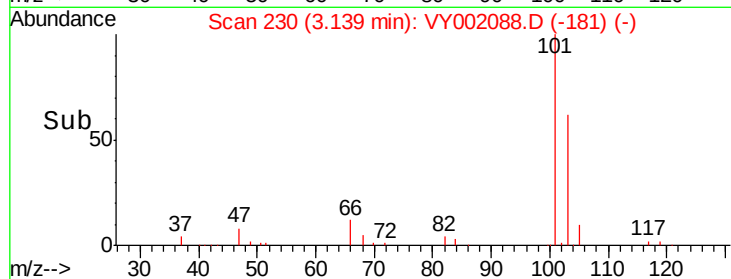
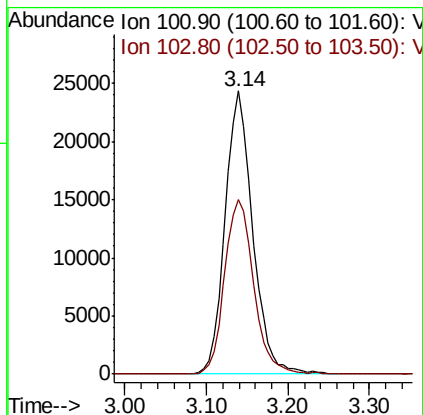
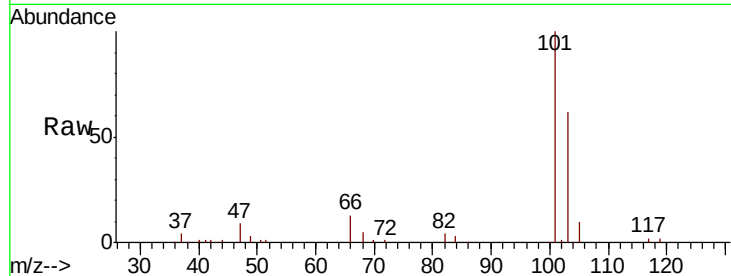


#7

Trichlorofluoromethane  
Concen: 20.215 ug/l  
RT: 3.14 min Scan# 230  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

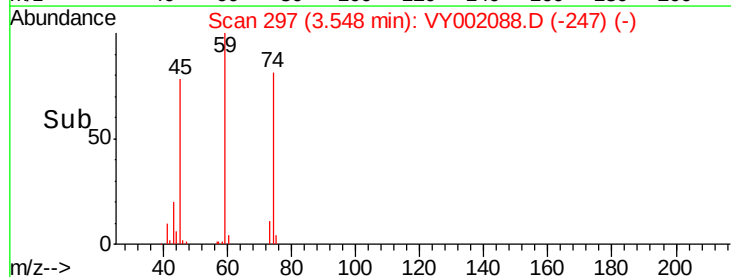
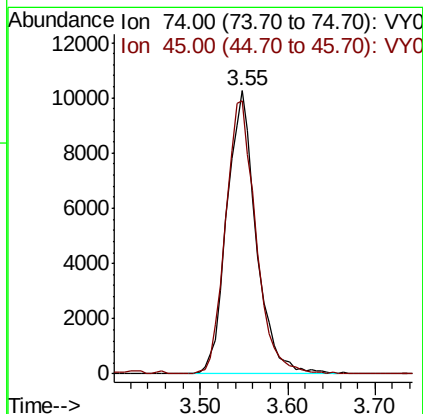
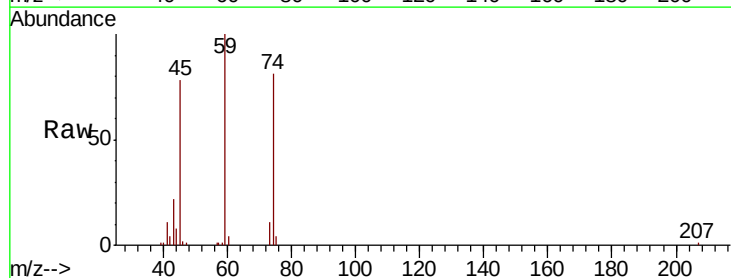
Tot Ion:101 Resp: 56913  
Ion Ratio Lower Upper  
101 100  
103 61.5 50.6 76.0



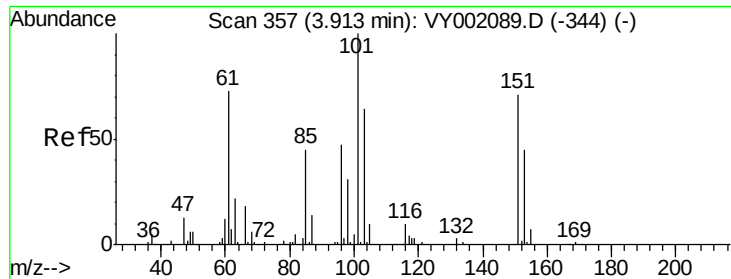
#8

Diethyl Ether  
Concen: 21.345 ug/l  
RT: 3.55 min Scan# 297  
Delta R.T. 0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 74 Resp: 23884  
Ion Ratio Lower Upper  
74 100  
45 100.0 51.0 153.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.069 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

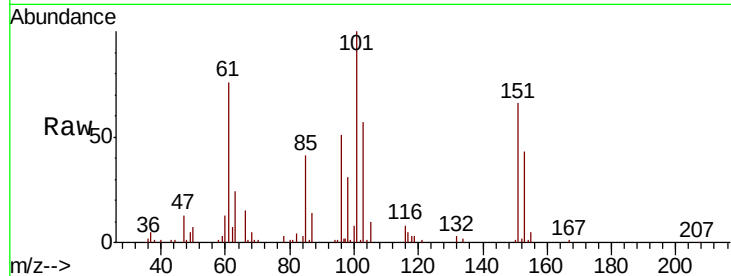
Tot Ion:101 Resp: 36513

Ion Ratio Lower Upper

101 100

85 45.6 35.9 53.9

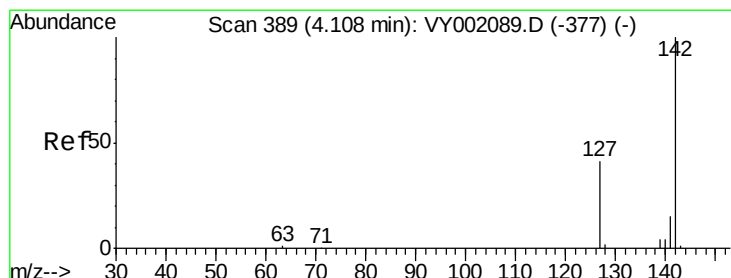
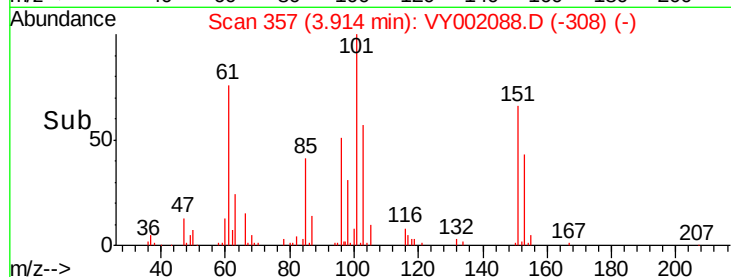
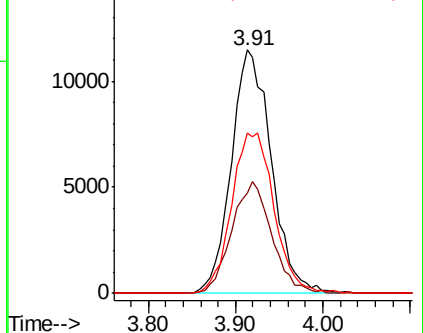
151 69.9 57.5 86.3



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: 20.388 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

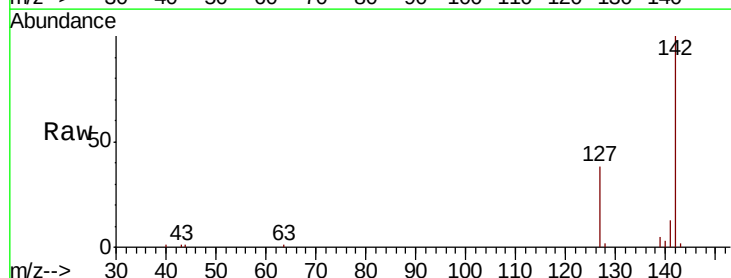
Tgt Ion:142 Resp: 42837

Ion Ratio Lower Upper

142 100

127 41.6 32.6 49.0

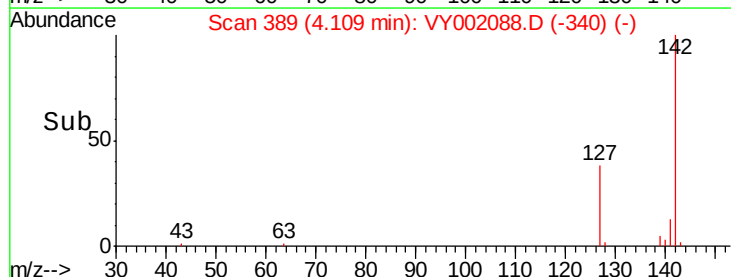
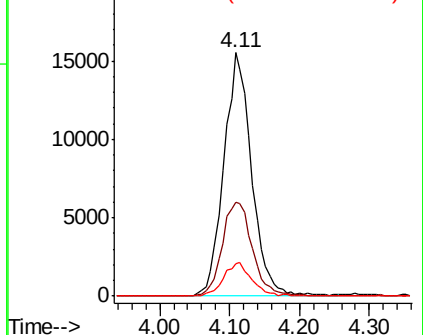
141 13.6 11.4 17.0

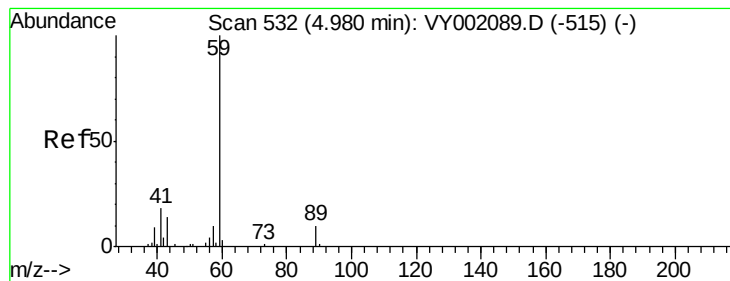


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



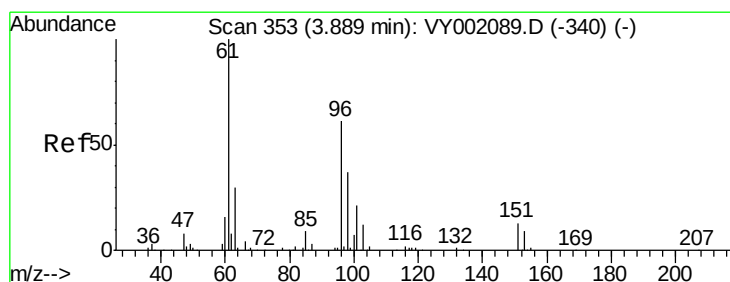
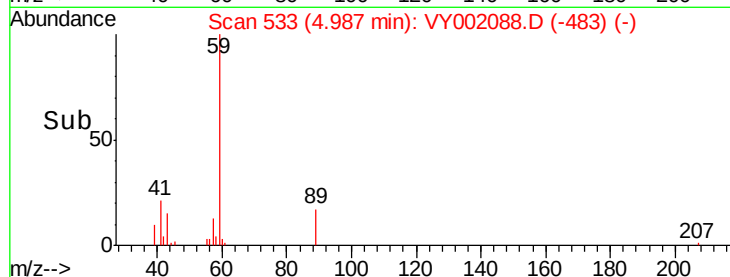
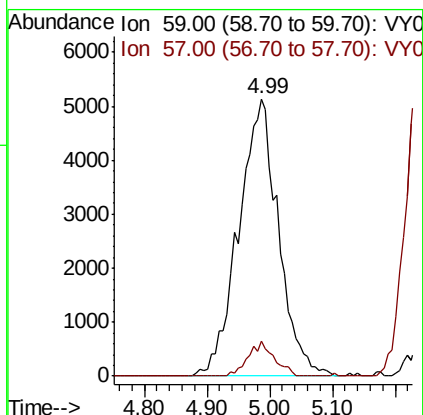
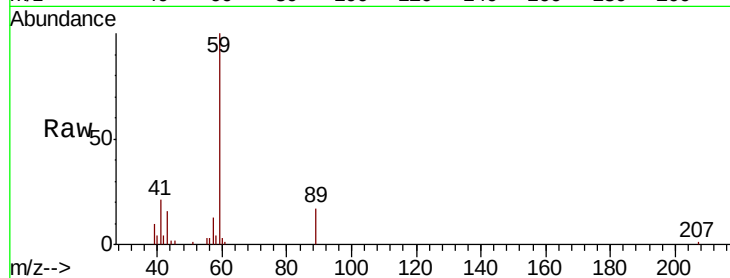


#11

Tert butyl alcohol  
 Concen: 103.927 ug/l  
 RT: 4.99 min Scan# 533  
 Delta R.T. 0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

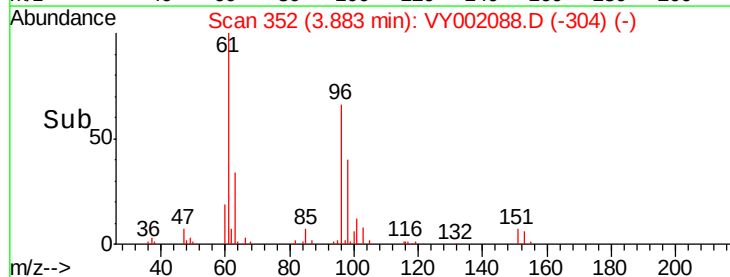
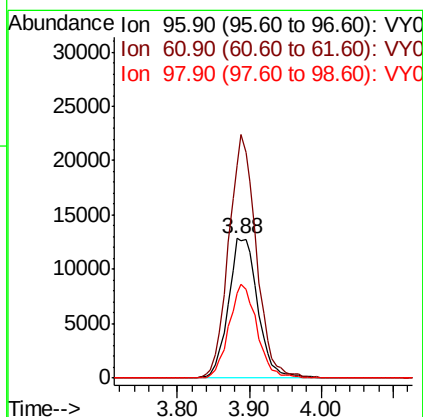
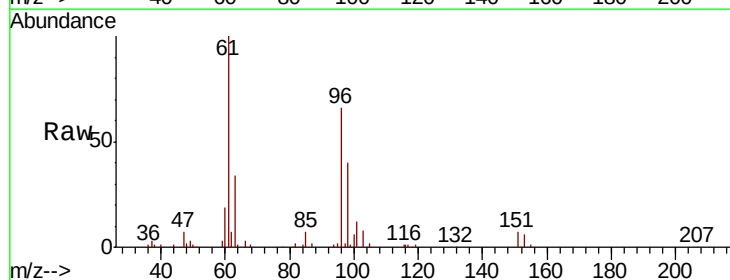
Tot Ion: 59 Resp: 22464  
 Ion Ratio Lower Upper  
 59 100  
 57 8.3 7.7 11.5

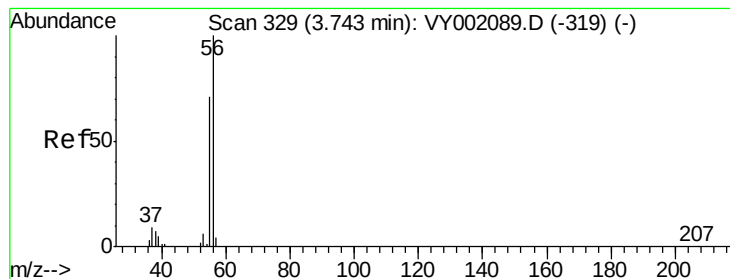


#12

1,1-Dichloroethene  
 Concen: 19.985 ug/l  
 RT: 3.88 min Scan# 352  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

Tgt Ion: 96 Resp: 36599  
 Ion Ratio Lower Upper  
 96 100  
 61 152.4 132.0 198.0  
 98 60.5 49.4 74.0





#13

Acrolein

Concen: 100.948 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

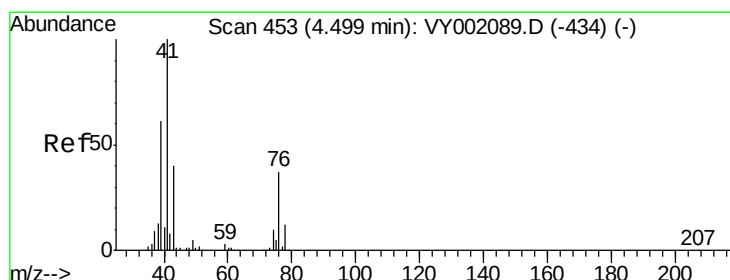
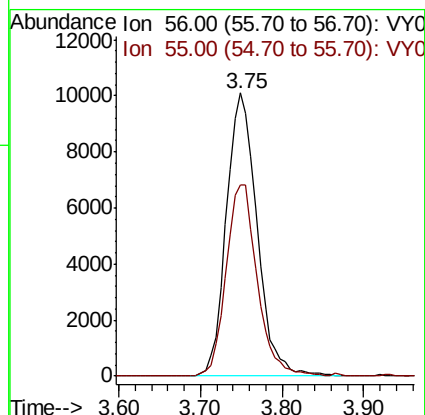
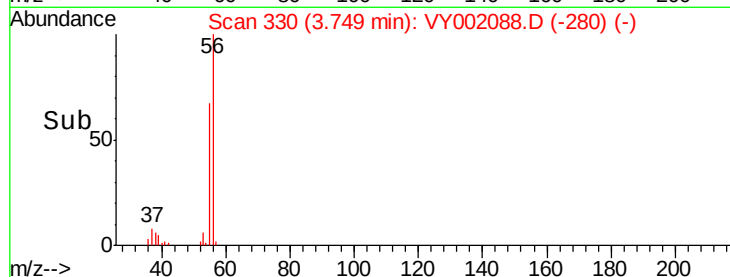
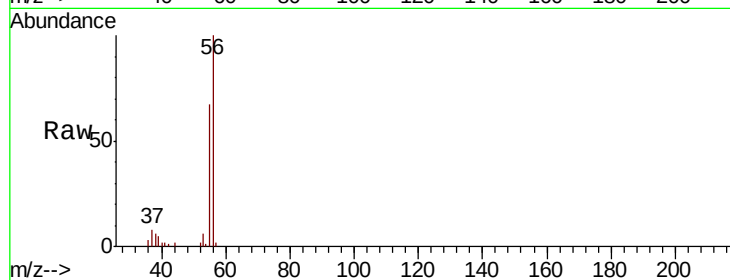
VSTDIC020

Tot Ion: 56 Resp: 26240

Ion Ratio Lower Upper

56 100

55 68.7 56.5 84.7



#14

Allyl chloride

Concen: 20.328 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

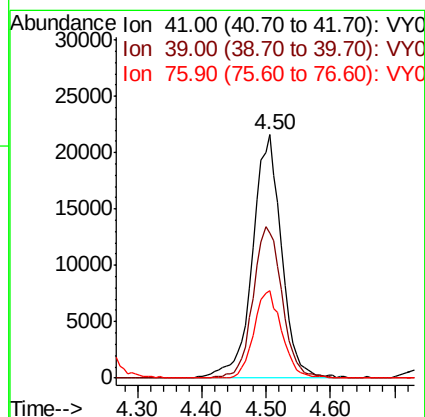
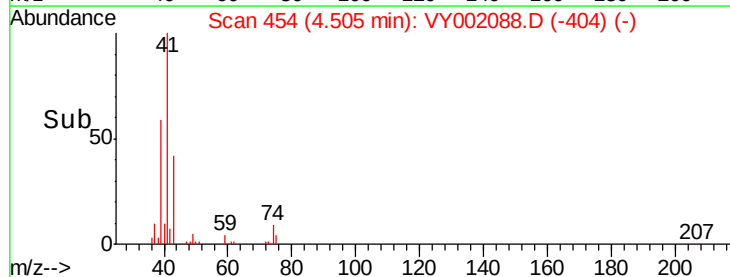
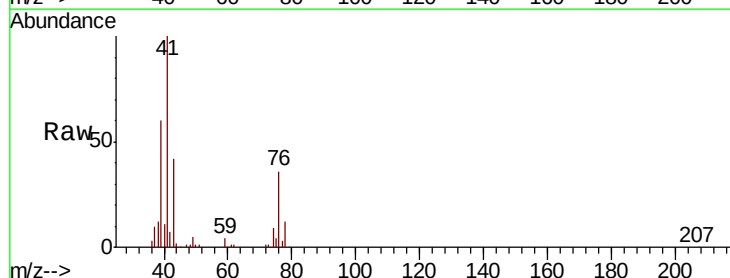
Tgt Ion: 41 Resp: 66647

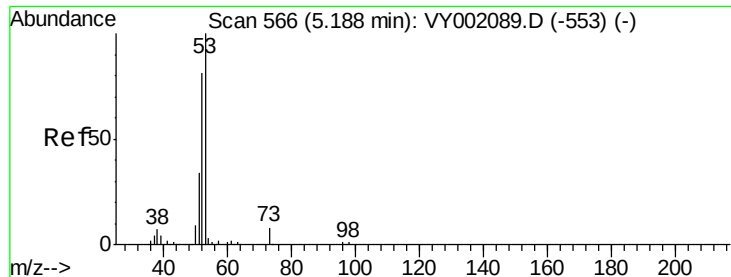
Ion Ratio Lower Upper

41 100

39 62.4 49.0 73.4

76 34.4 27.8 41.8





#15

Acrylonitrile

Concen: 104.060 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

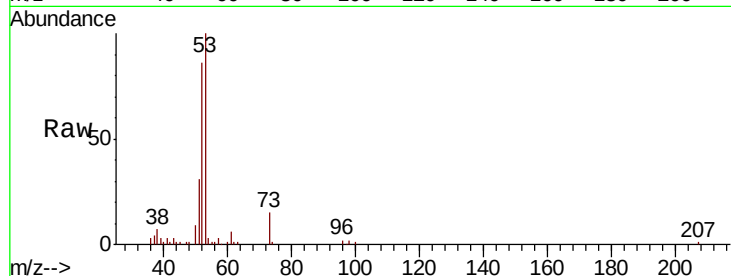
MSVOA\_Y

ClientSampleId :

VSTDIC020

Tot Ion: 53 Resp: 62264

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 79.8  | 64.6  | 97.0  |
| 51  | 34.8  | 27.9  | 41.9  |

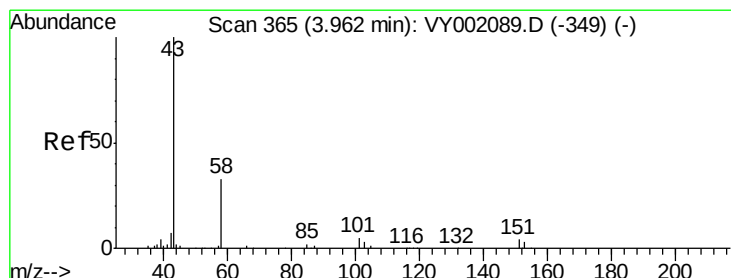
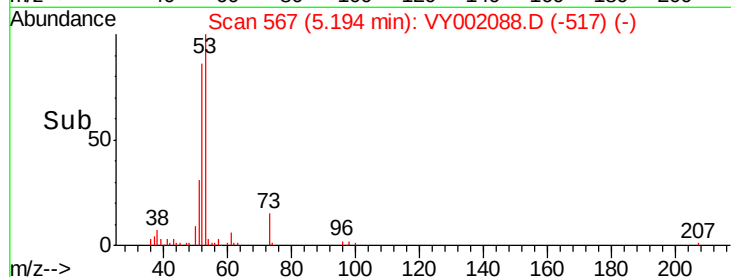
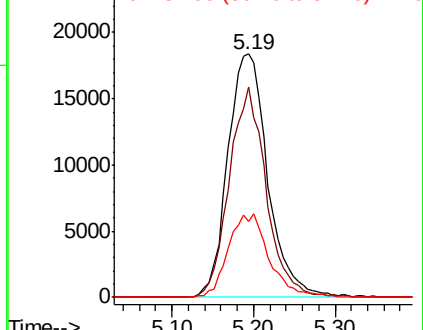


Abundance

Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 102.267 ug/l

RT: 3.97 min Scan# 366

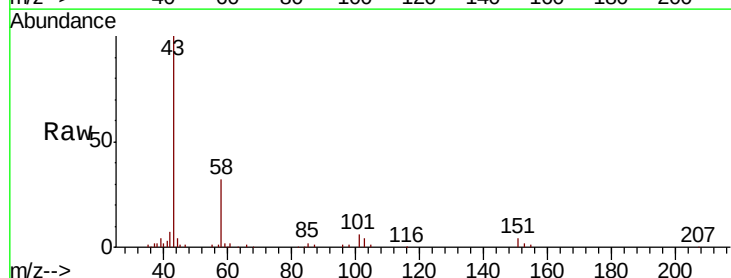
Delta R.T. 0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Tgt Ion: 43 Resp: 52530

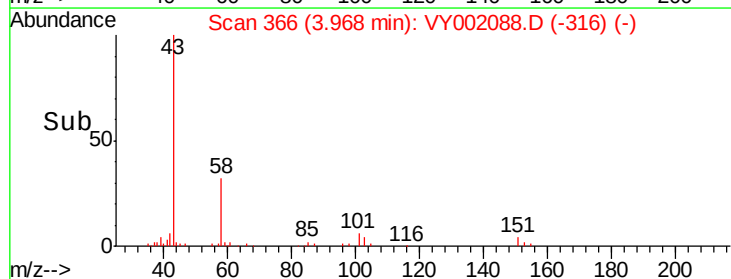
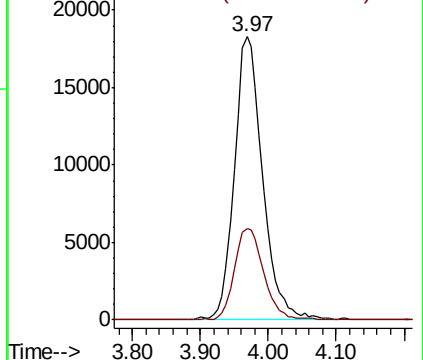
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.1  | 26.3  | 39.5  |

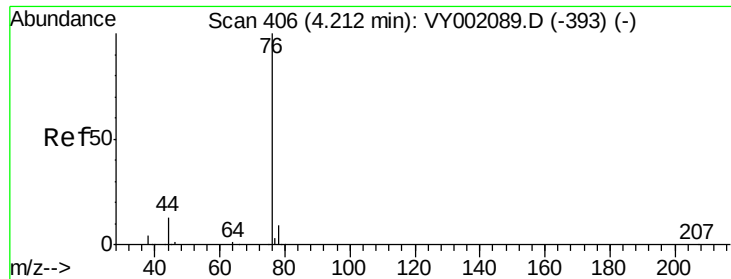


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

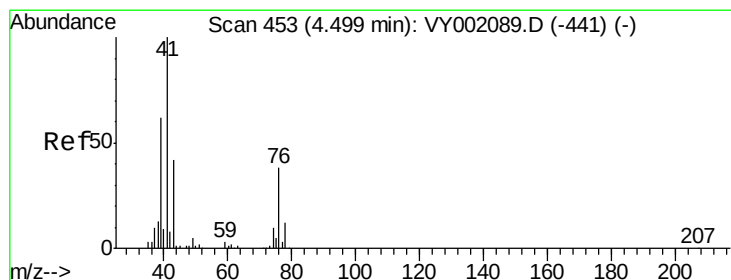
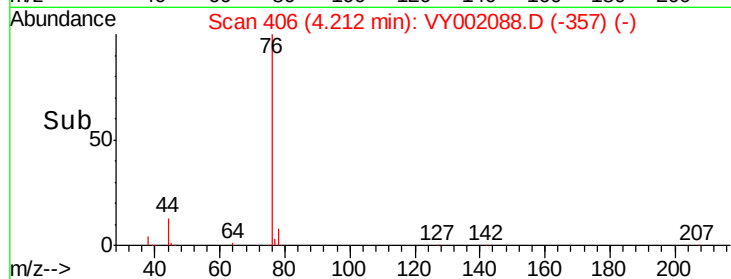
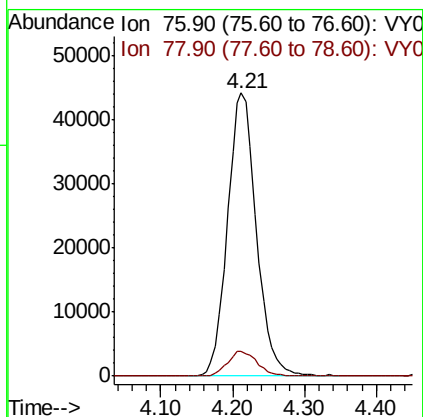
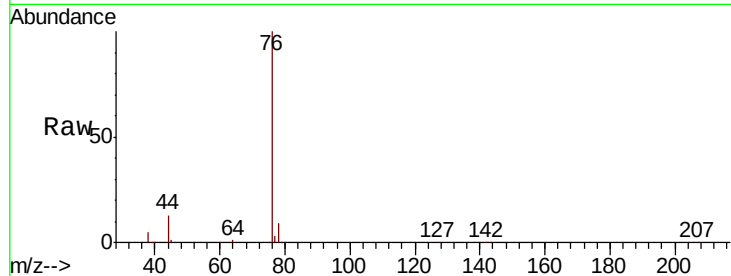




#17  
Carbon Disulfide  
Concen: 19.941 ug/l  
RT: 4.21 min Scan# 406  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

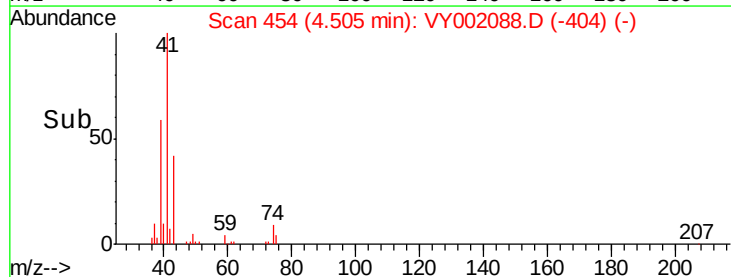
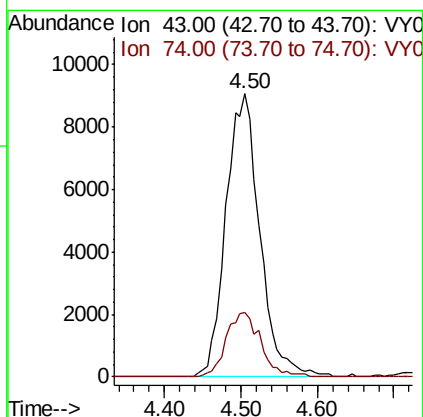
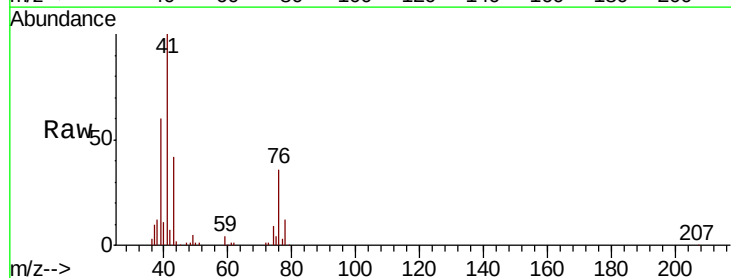
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

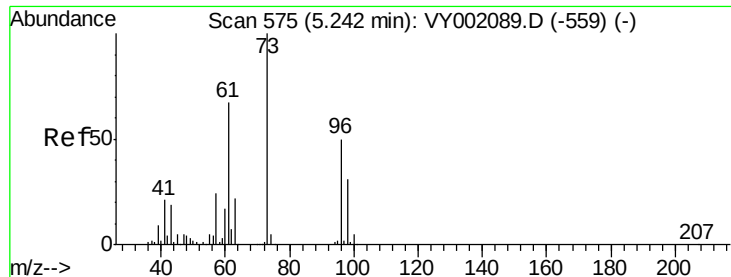
Tot Ion: 76 Resp: 122589  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



#18  
Methyl Acetate  
Concen: 21.027 ug/l  
RT: 4.50 min Scan# 454  
Delta R.T. 0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 43 Resp: 27739  
Ion Ratio Lower Upper  
43 100  
74 23.2 18.3 27.5

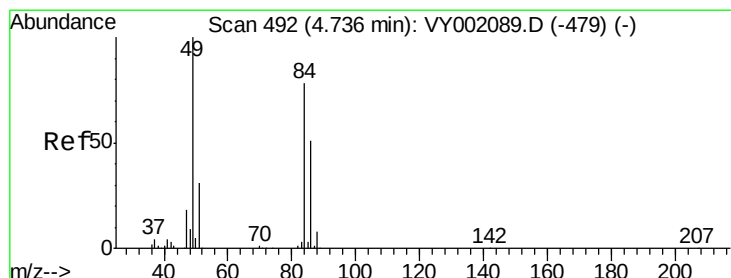
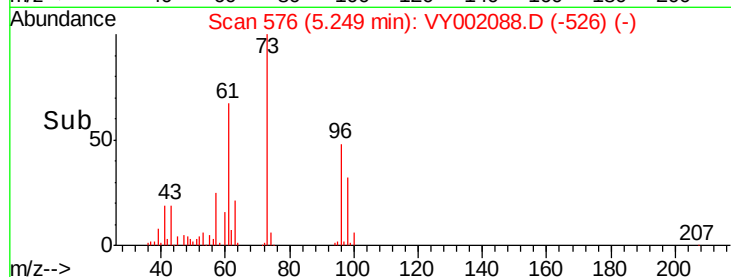
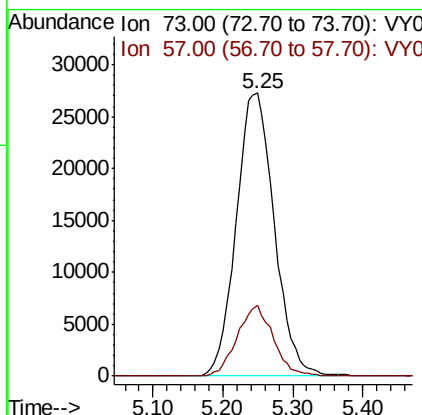
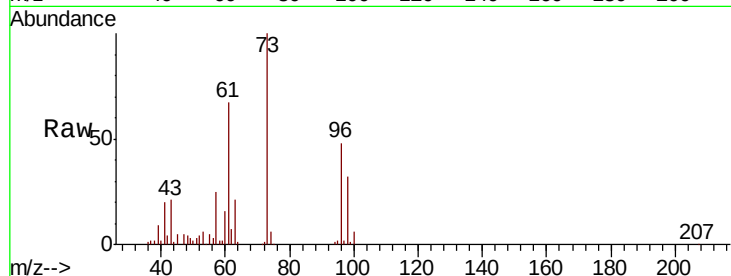




#19  
Methyl tert-butyl Ether  
Concen: 20.608 ug/l  
RT: 5.25 min Scan# 576  
Delta R.T. 0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

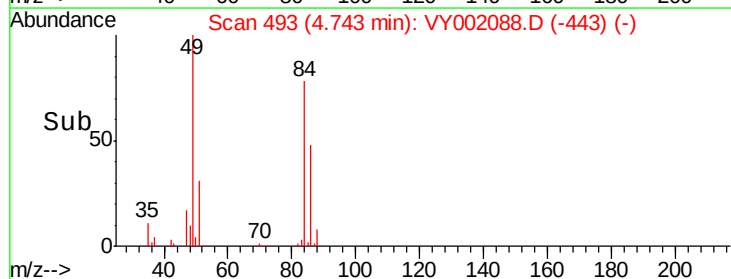
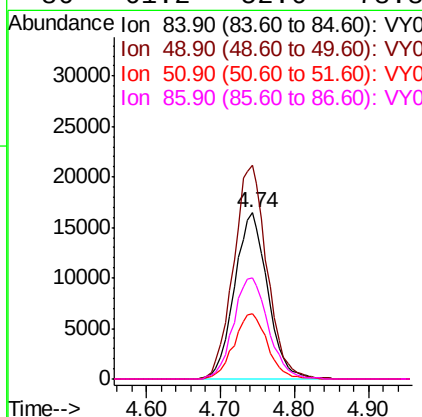
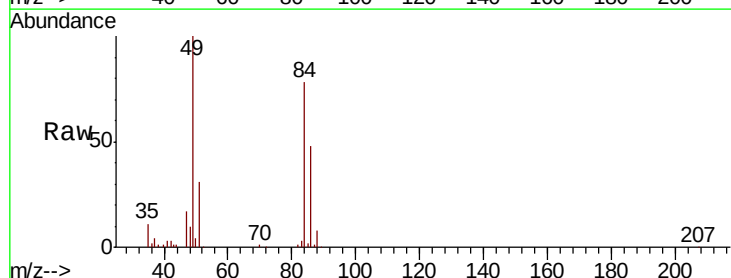
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

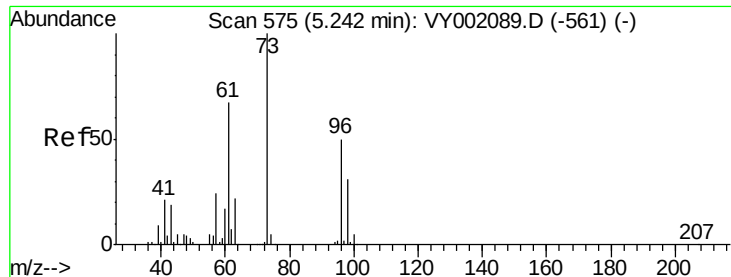
Tot Ion: 73 Resp: 102901  
Ion Ratio Lower Upper  
73 100  
57 25.0 19.0 28.6



#20  
Methylene Chloride  
Concen: 23.245 ug/l  
RT: 4.74 min Scan# 493  
Delta R.T. 0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 84 Resp: 51363  
Ion Ratio Lower Upper  
84 100  
49 128.5 102.2 153.4  
51 39.5 31.2 46.8  
86 61.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.058 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

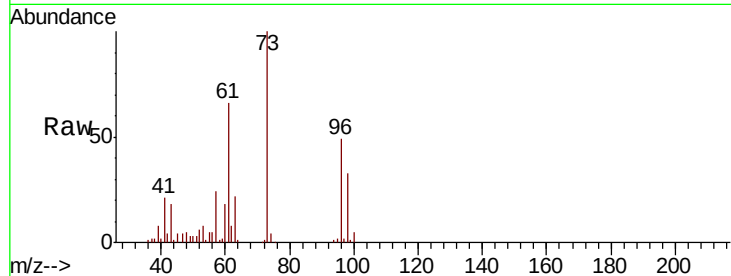
Tot Ion: 96 Resp: 41879

Ion Ratio Lower Upper

96 100

61 135.2 107.7 161.5

98 67.3 50.5 75.7

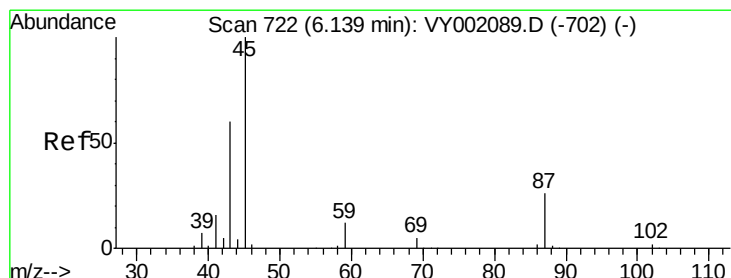
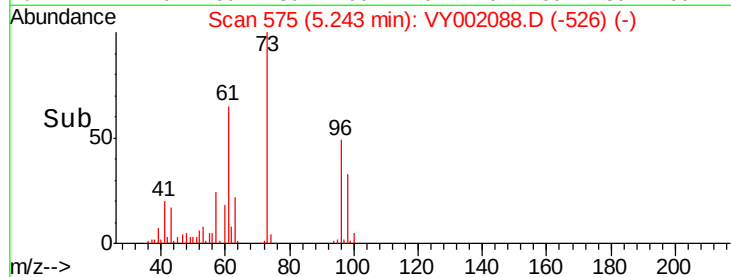
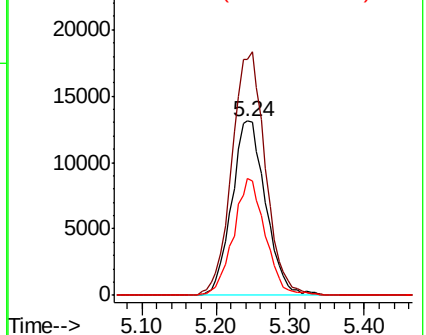


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.619 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Tgt Ion: 45 Resp: 138727

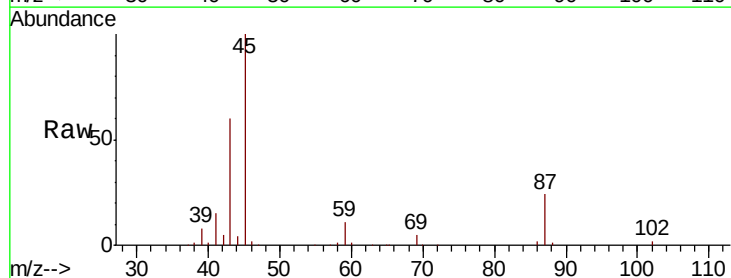
Ion Ratio Lower Upper

45 100

43 60.1 48.1 72.1

87 23.8 21.1 31.7

59 10.8 9.2 13.8



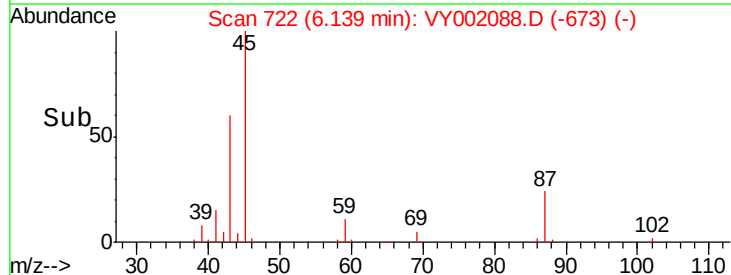
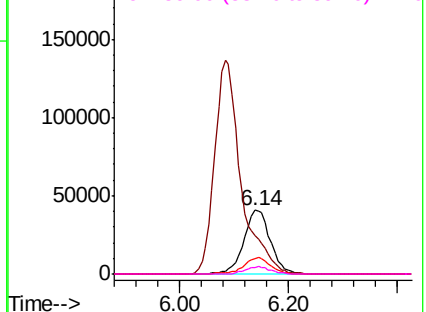
Abundance

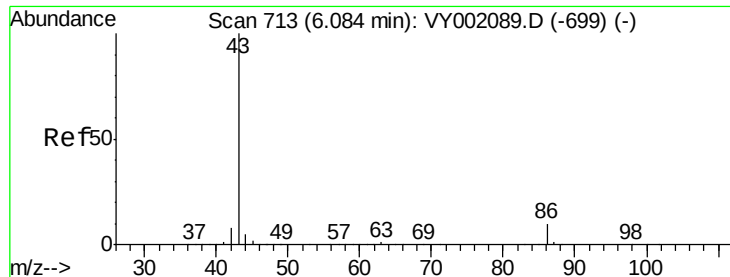
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 104.492 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

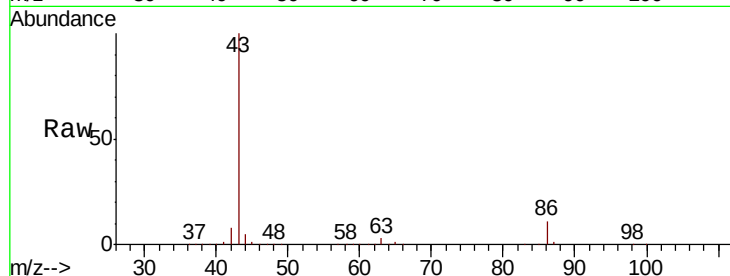
VSTDIC020

Tot Ion: 43 Resp: 459655

Ion Ratio Lower Upper

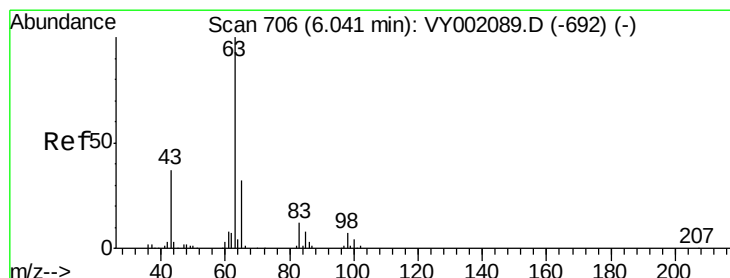
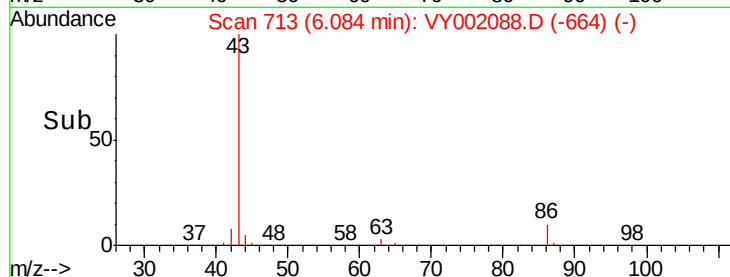
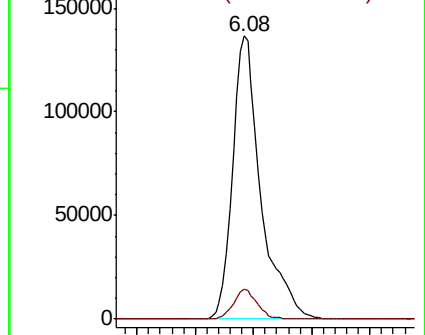
43 100

86 10.5 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY002088.D (-699) (-)

Ion 86.00 (85.70 to 86.70): VY002088.D (-699) (-)



#24

1,1-Dichloroethane

Concen: 19.819 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

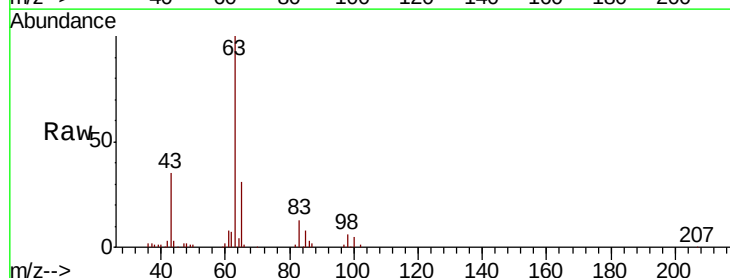
Tgt Ion: 63 Resp: 71969

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

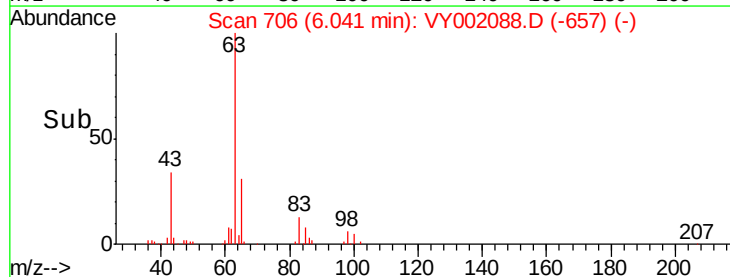
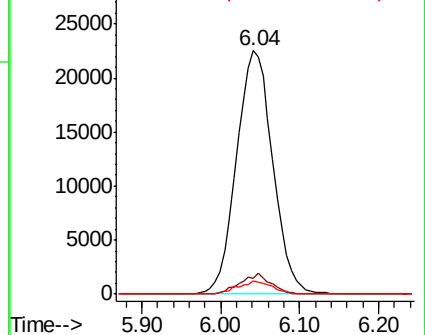
100 5.3 1.8 5.5



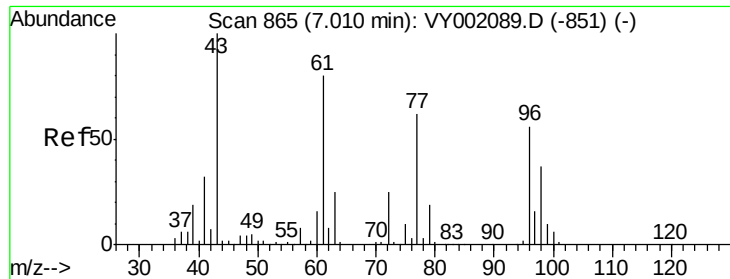
Abundance Ion 62.90 (62.60 to 63.60): VY002088.D (-692) (-)

Ion 97.90 (97.60 to 98.60): VY002088.D (-692) (-)

Ion 99.90 (99.60 to 100.60): VY002088.D (-692) (-)







#25

2-Butanone

Concen: 104.955 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

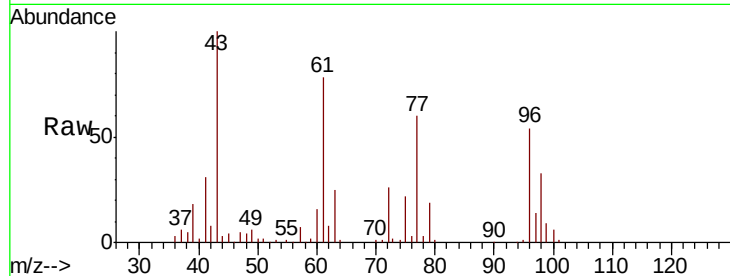
VSTDIC020

Tot Ion: 43 Resp: 82021

Ion Ratio Lower Upper

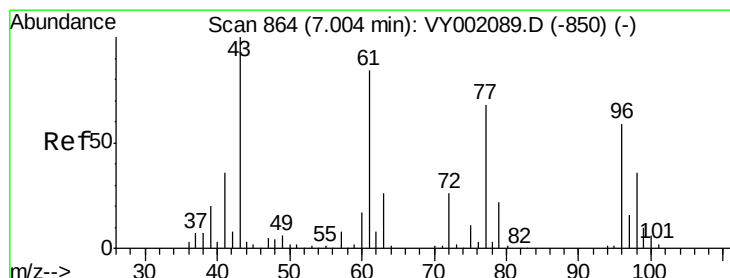
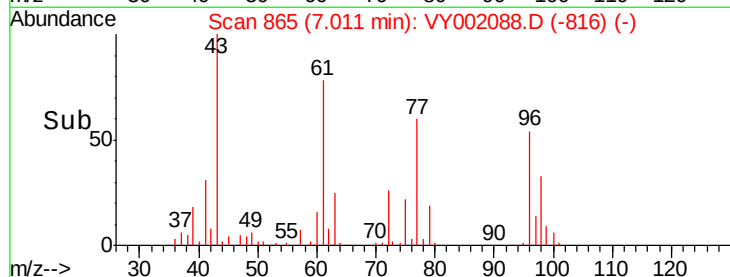
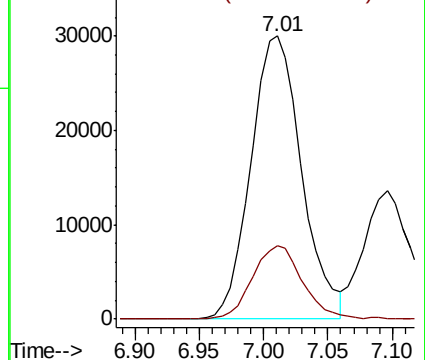
43 100

72 26.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 19.723 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002088.D

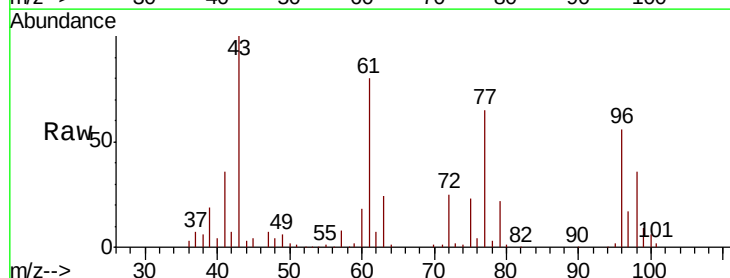
Acq: 26 Mar 2020 16:09

Tgt Ion: 77 Resp: 58912

Ion Ratio Lower Upper

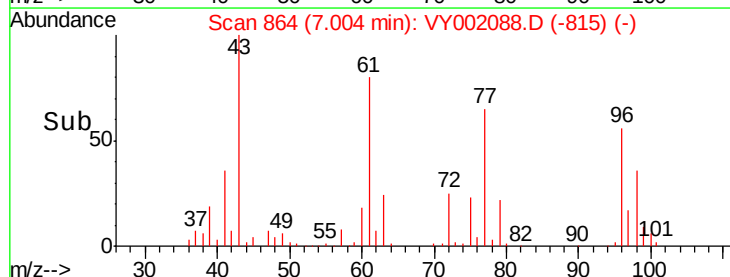
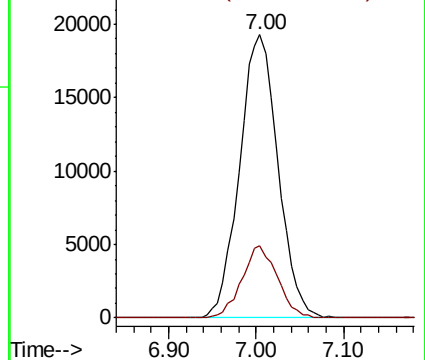
77 100

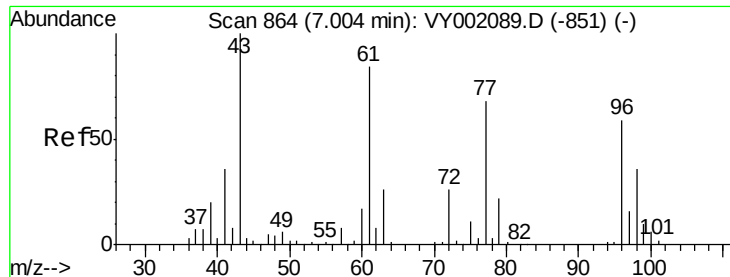
97 23.6 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



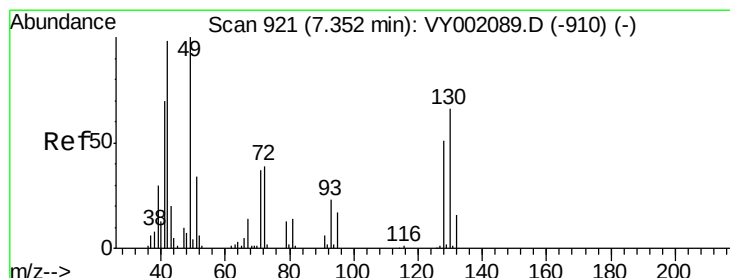
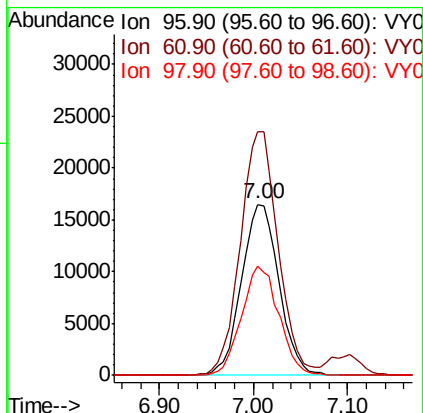
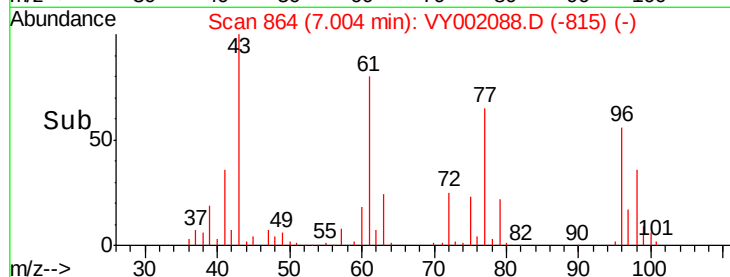
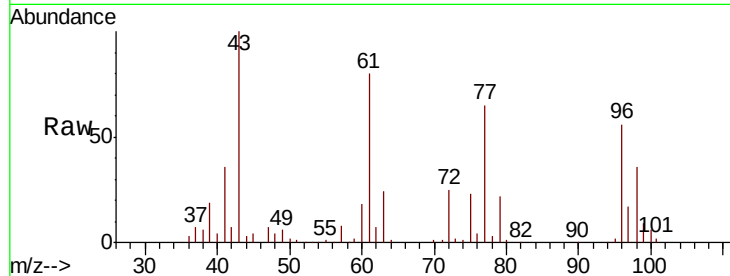


#27

cis-1,2-Dichloroethene  
Concen: 20.213 ug/l  
RT: 7.00 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

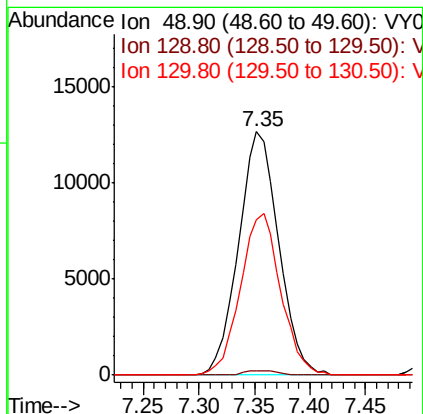
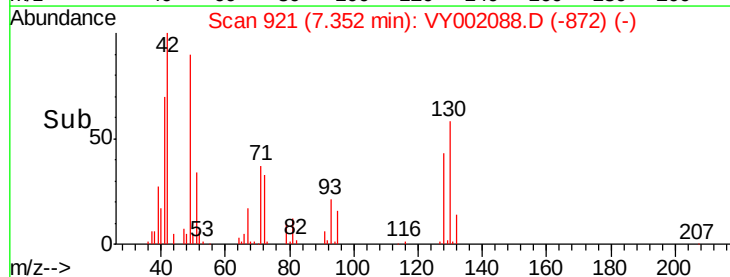
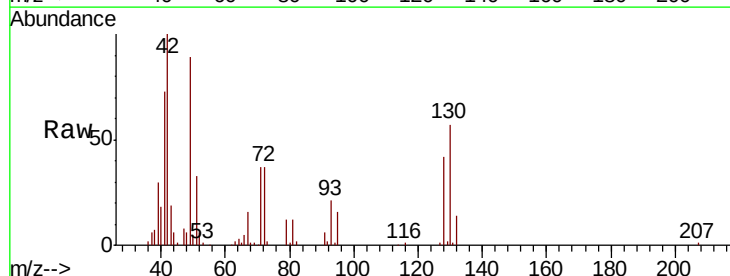
Tot Ion: 96 Resp: 45956  
Ion Ratio Lower Upper  
96 100  
61 143.6 0.0 290.6  
98 63.8 0.0 128.0

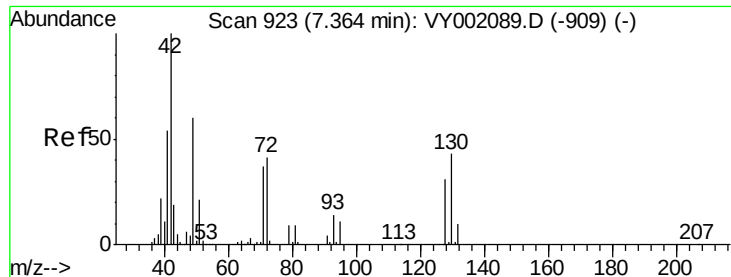


#28

Bromochloromethane  
Concen: 19.154 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 49 Resp: 31747  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 3.4  
130 66.6 54.1 81.1

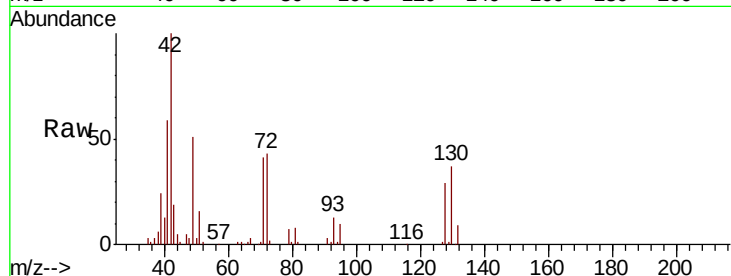




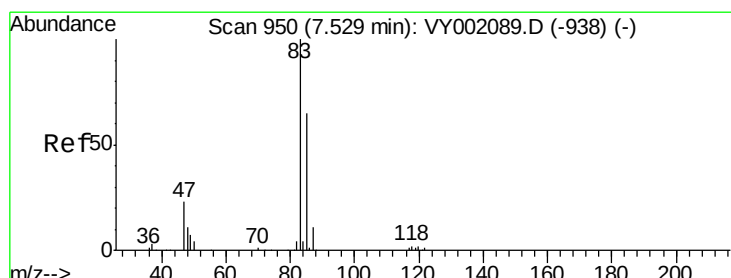
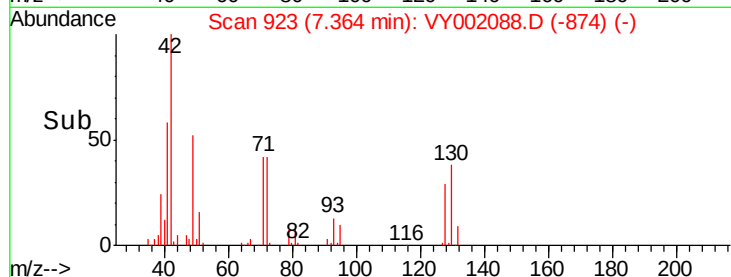
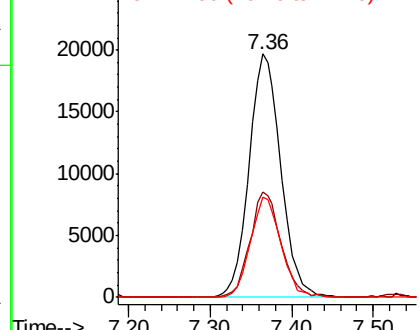
#29  
Tetrahydrofuran  
Concen: 102.575 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tot Ion: 42 Resp: 53356  
Ion Ratio Lower Upper  
42 100  
72 42.2 33.0 49.4  
71 39.5 31.2 46.8

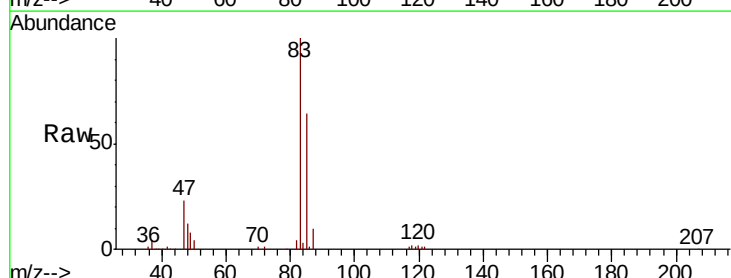


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

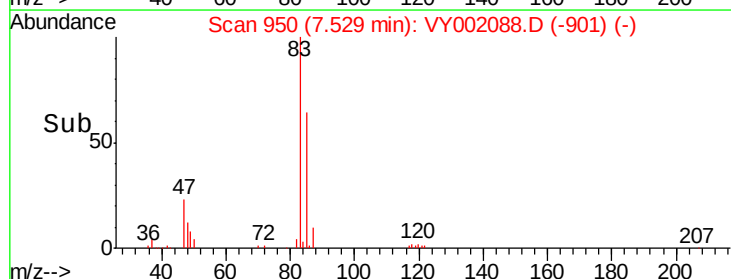
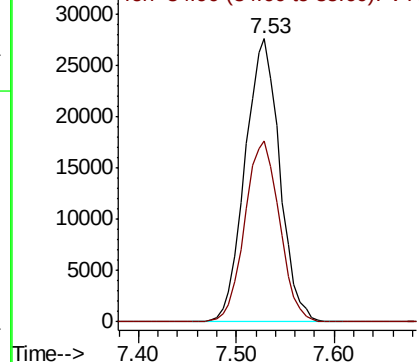


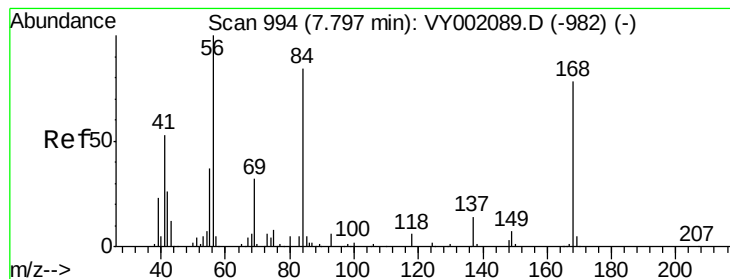
#30  
Chloroform  
Concen: 19.882 ug/l  
RT: 7.53 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 83 Resp: 67795  
Ion Ratio Lower Upper  
83 100  
85 63.8 52.4 78.6



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





#31

Cyclohexane

Concen: 19.929 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

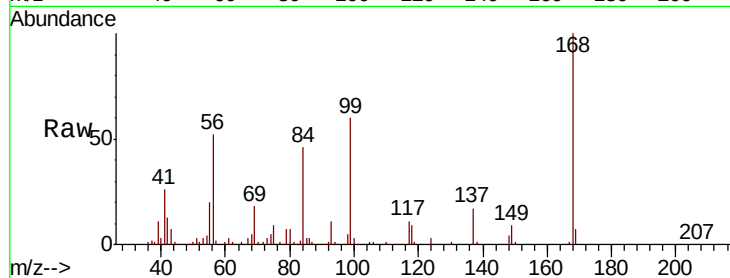
Tot Ion: 56 Resp: 77373

Ion Ratio Lower Upper

56 100

69 35.4 25.8 38.8

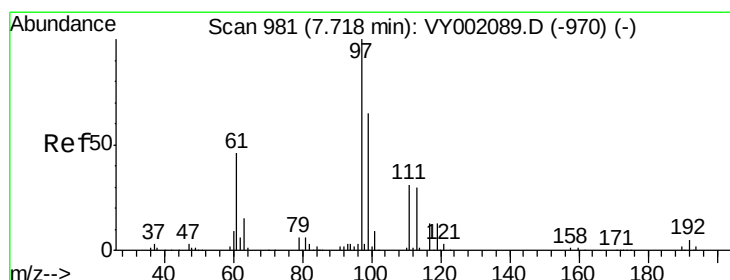
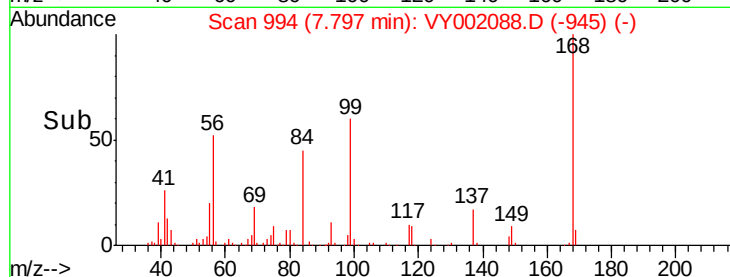
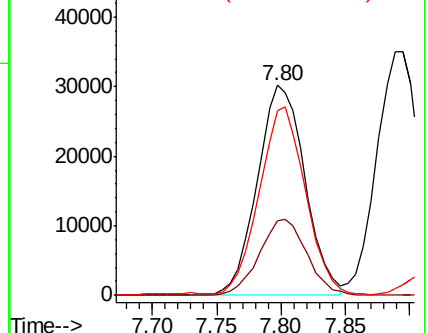
84 86.5 67.1 100.7



Abundance Ion 56.00 (55.70 to 56.70): VY002088.D (-945) (-)

Ion 69.00 (68.70 to 69.70): VY002088.D (-945) (-)

Ion 84.00 (83.70 to 84.70): VY002088.D (-945) (-)



#32

1,1,1-Trichloroethane

Concen: 19.537 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

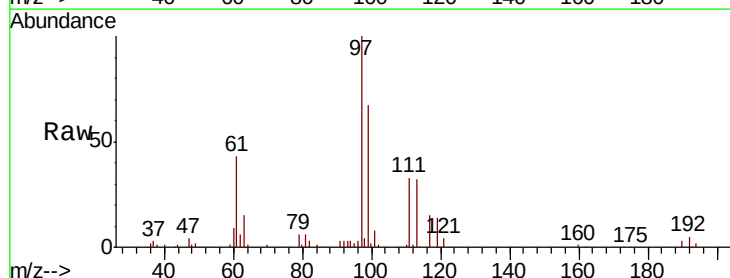
Tgt Ion: 97 Resp: 56070

Ion Ratio Lower Upper

97 100

99 65.6 52.0 78.0

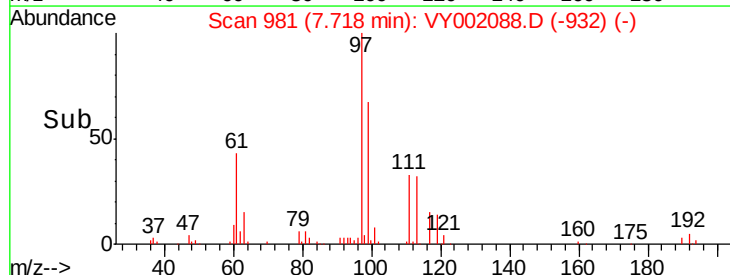
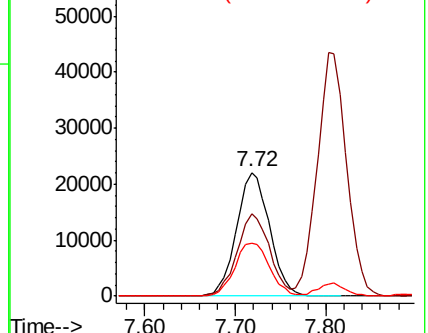
61 45.5 35.7 53.5

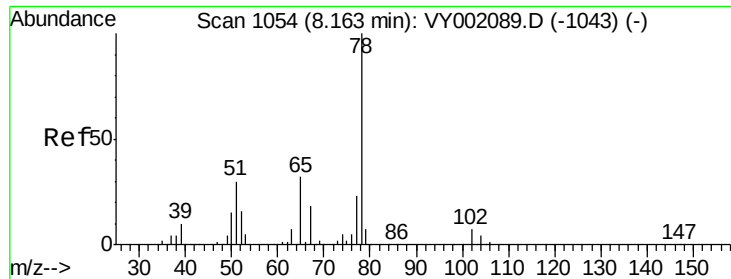


Abundance Ion 96.90 (96.60 to 97.60): VY002088.D (-932) (-)

Ion 98.90 (98.60 to 99.60): VY002088.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VY002088.D (-932) (-)

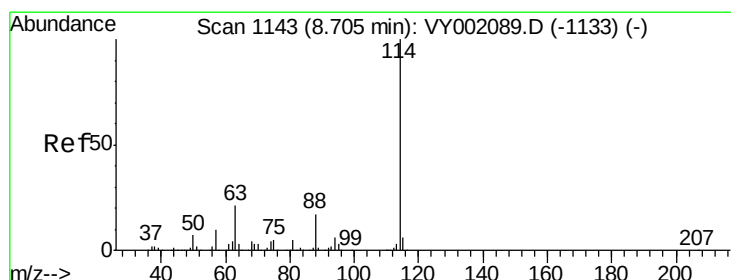
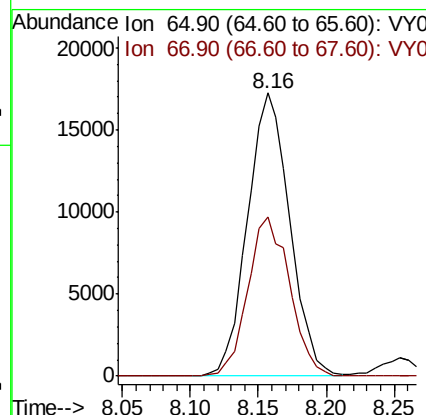
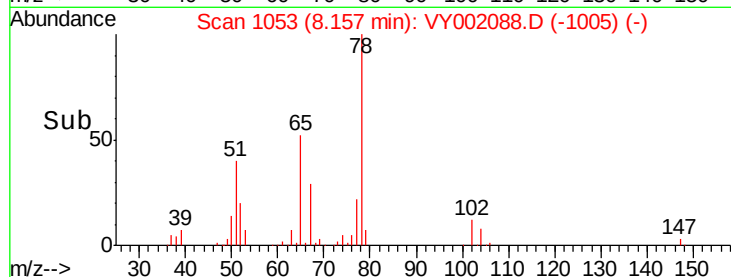
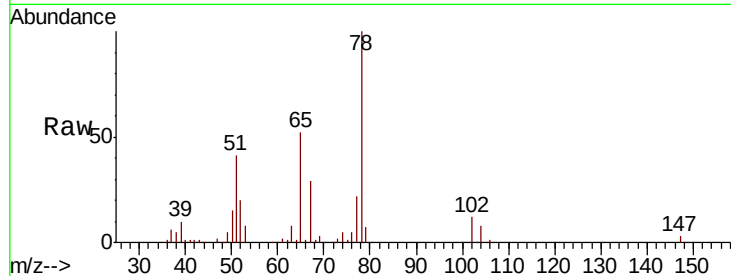




#33  
 1,2-Dichloroethane-d4  
 Concen: 20.856 ug/l  
 RT: 8.16 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

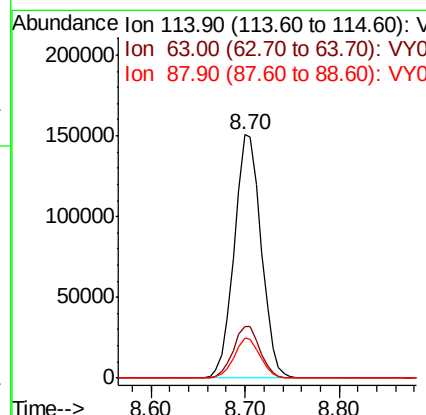
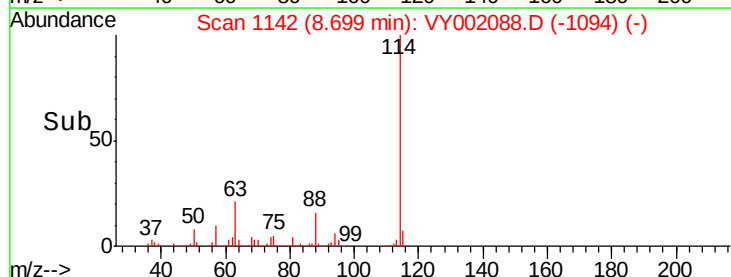
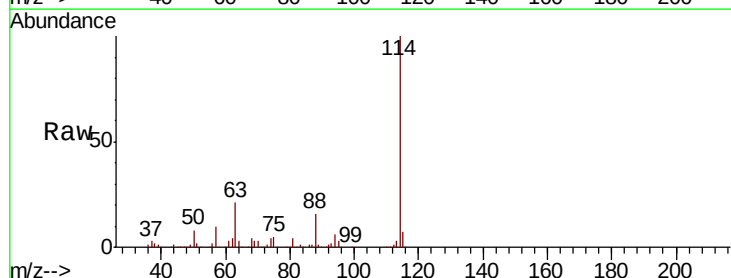
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

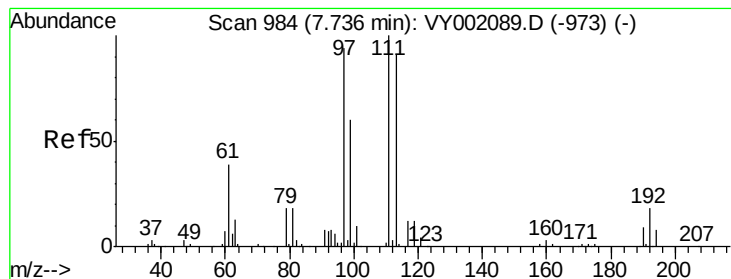
Tot Ion: 65 Resp: 37457  
 Ion Ratio Lower Upper  
 65 100  
 67 55.6 0.0 112.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

Tgt Ion: 114 Resp: 299006  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 41.4  
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 20.344 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

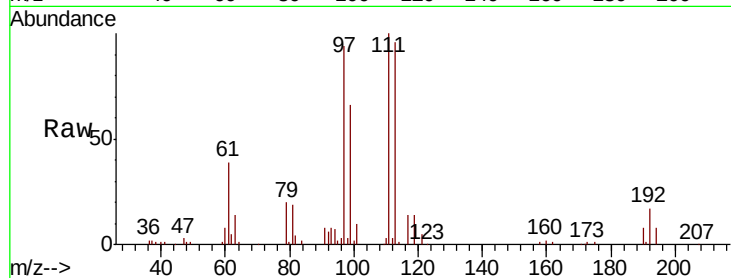
Tot Ion:113 Resp: 33405

Ion Ratio Lower Upper

113 100

111 104.0 84.4 126.6

192 17.9 14.6 21.8

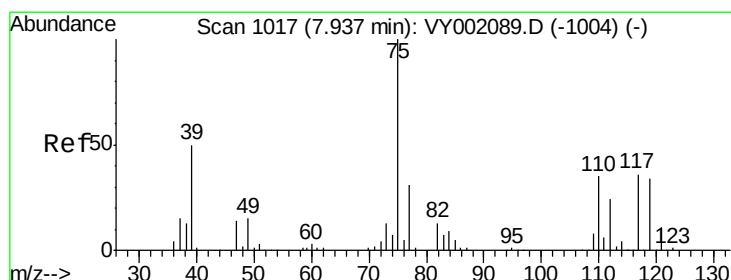
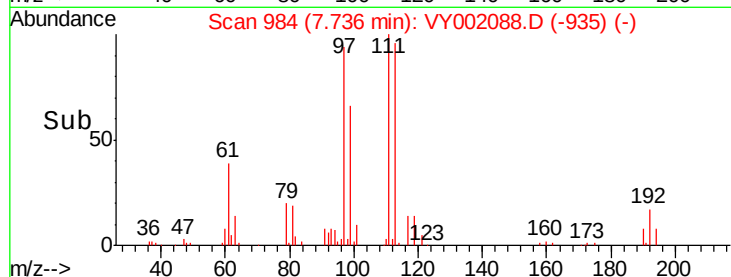
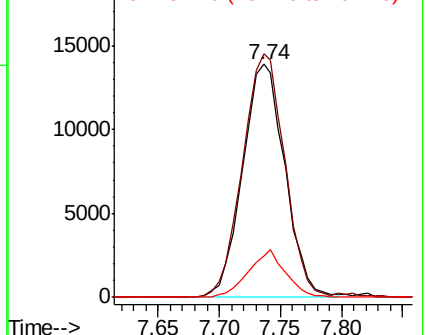


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.040 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

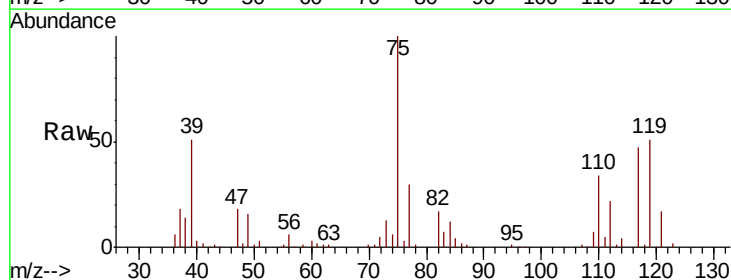
Tgt Ion: 75 Resp: 57170

Ion Ratio Lower Upper

75 100

110 34.6 17.2 51.6

77 30.4 24.7 37.1

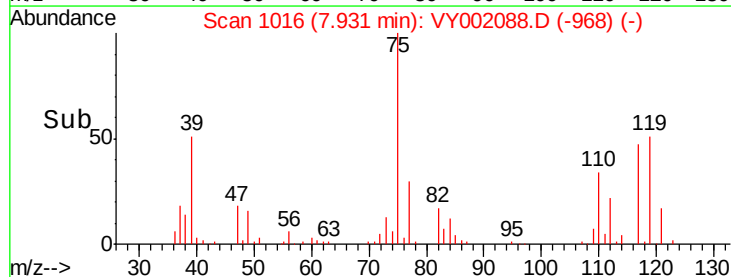
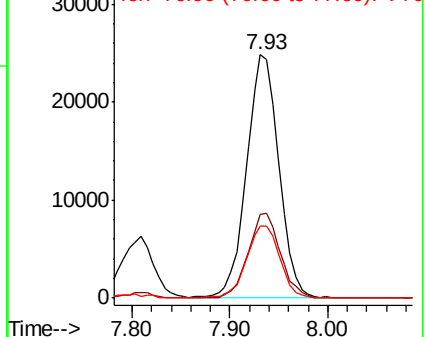


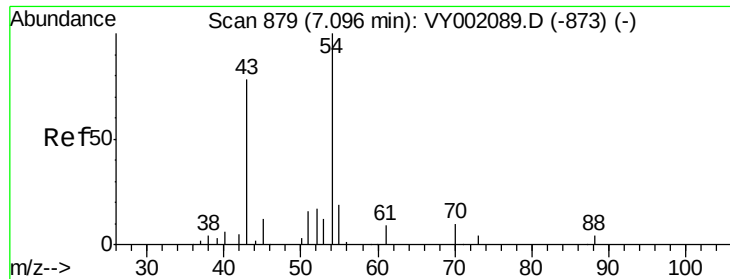
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

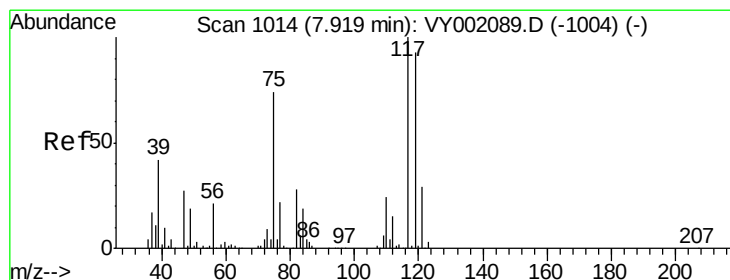
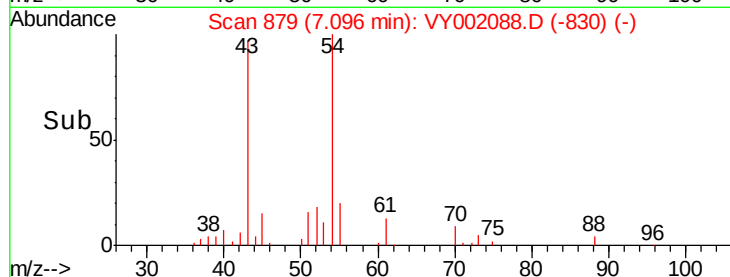
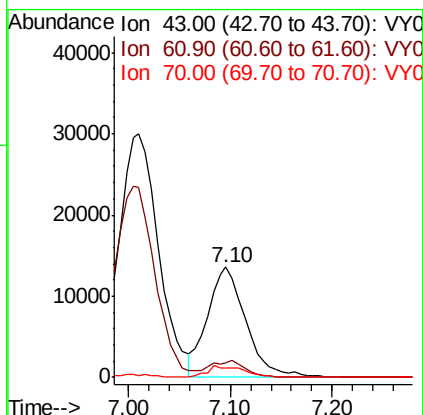
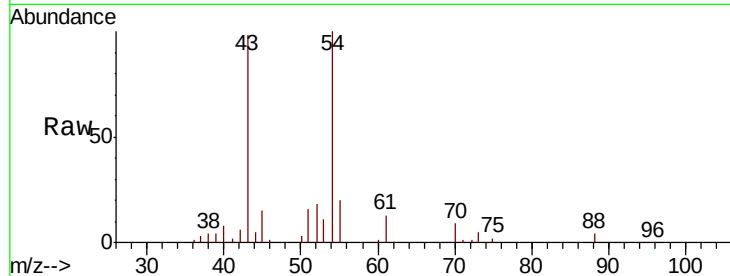




#37  
Ethyl Acetate  
Concen: 21.593 ug/l  
RT: 7.10 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

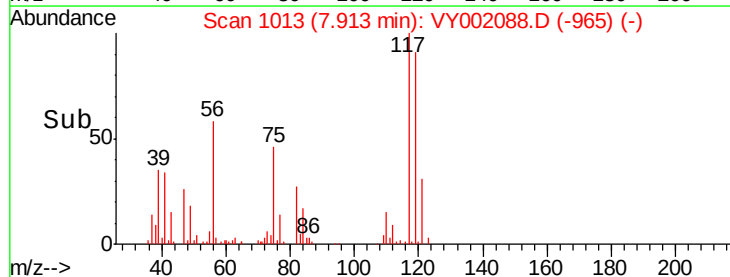
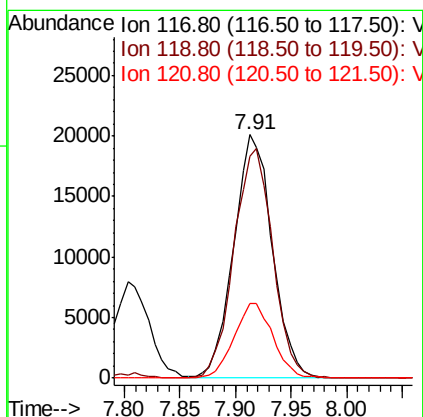
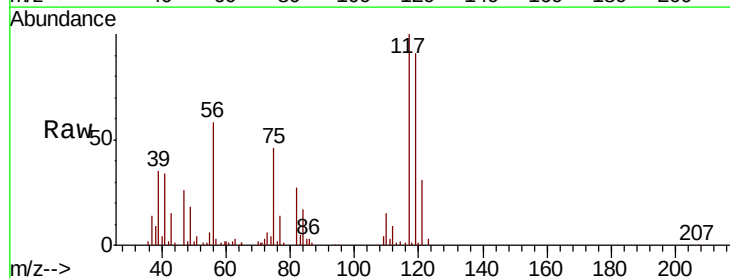
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

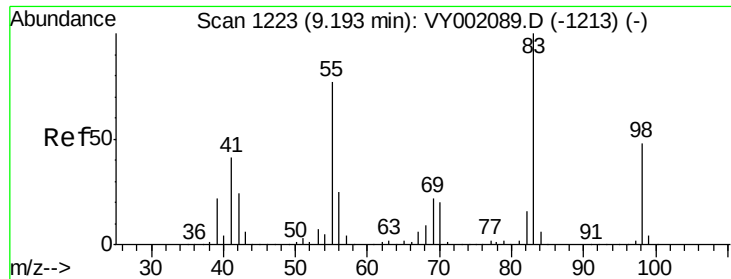
Tot Ion: 43 Resp: 35704  
Ion Ratio Lower Upper  
43 100  
61 13.9 11.2 16.8  
70 10.1 8.2 12.4



#38  
Carbon Tetrachloride  
Concen: 19.799 ug/l  
RT: 7.91 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 117 Resp: 48387  
Ion Ratio Lower Upper  
117 100  
119 91.3 74.3 111.5  
121 30.7 23.3 34.9

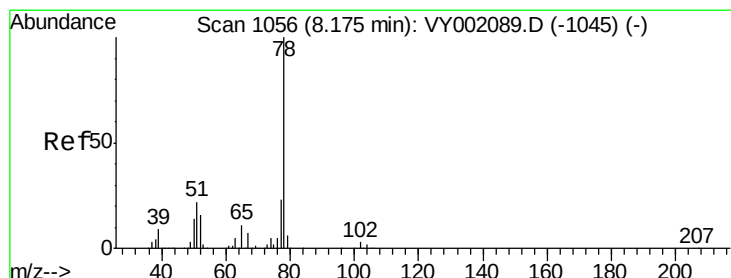
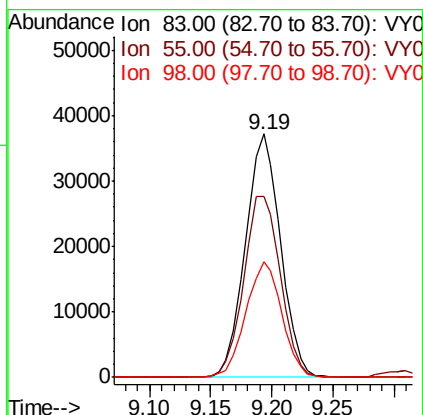
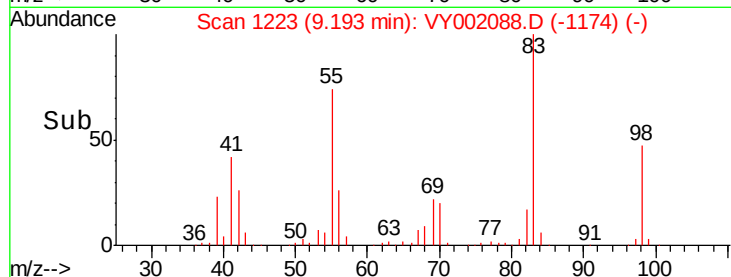
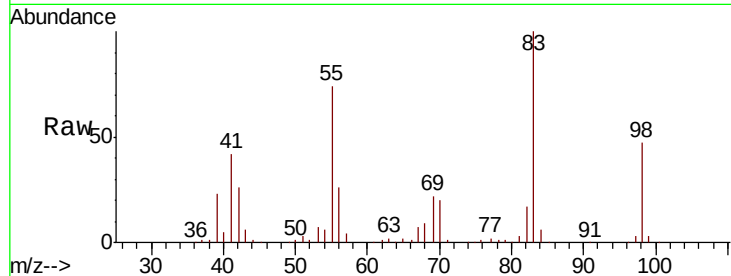




#39  
Methvlcvclohexane  
Concen: 19.628 ug/l  
RT: 9.19 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

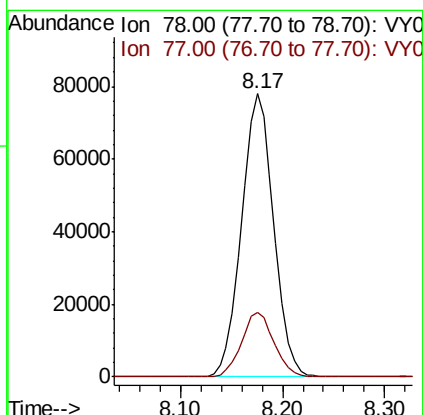
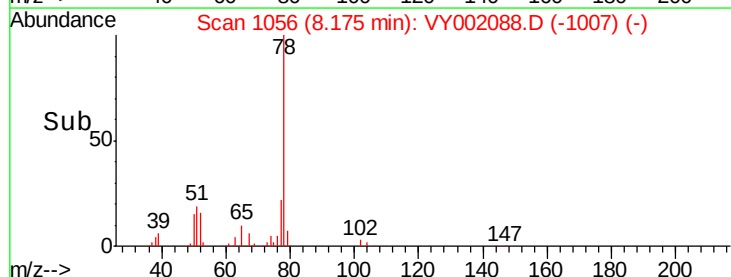
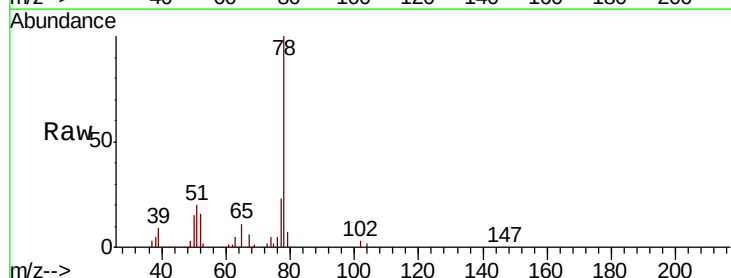
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tot Ion: 83 Resp: 74396  
Ion Ratio Lower Upper  
83 100  
55 74.5 61.2 91.8  
98 47.4 38.2 57.2

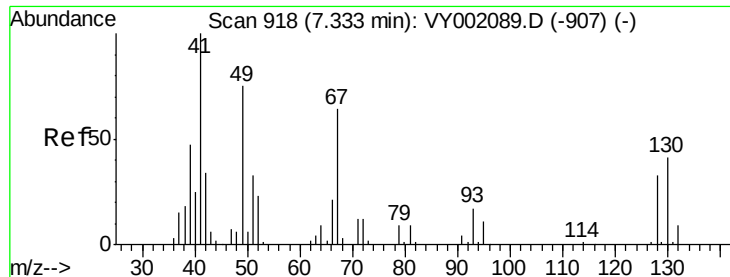


#40  
Benzene  
Concen: 20.081 ug/l  
RT: 8.17 min Scan# 1056  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 78 Resp: 170068  
Ion Ratio Lower Upper  
78 100  
77 22.6 18.2 27.4



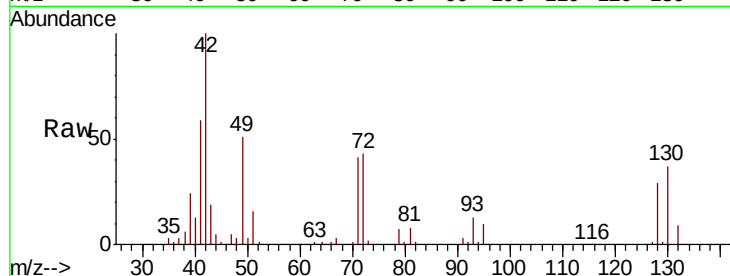




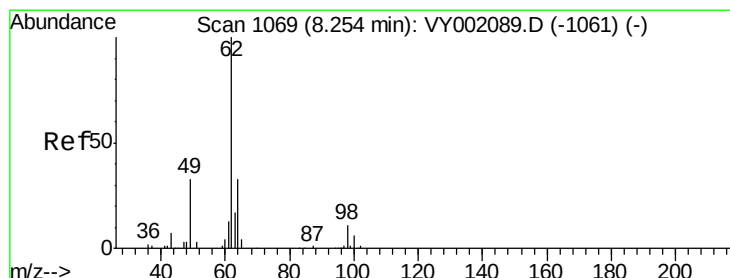
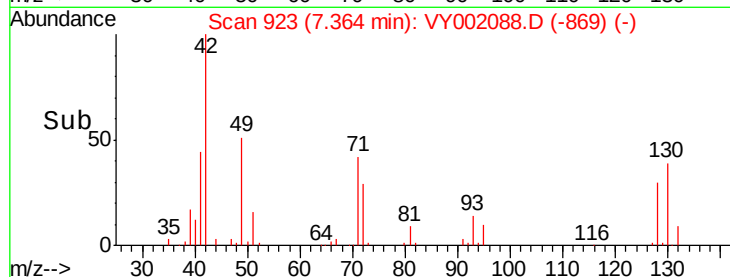
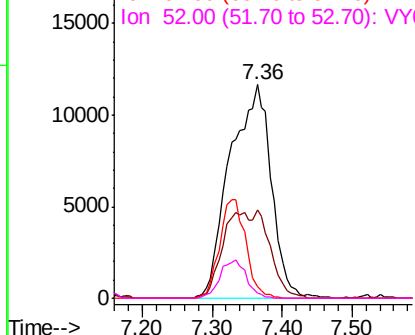
#41  
Methacrylonitrile  
Concen: 61.784 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. 0.03 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 47594 |
| 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   |

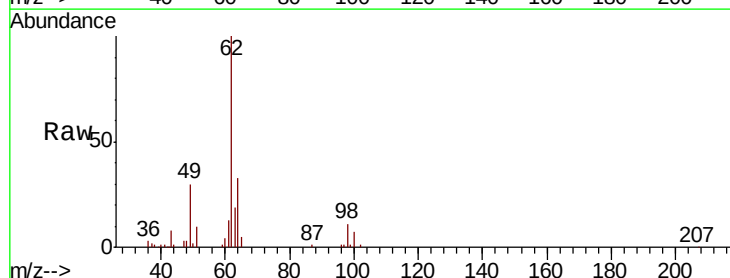


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

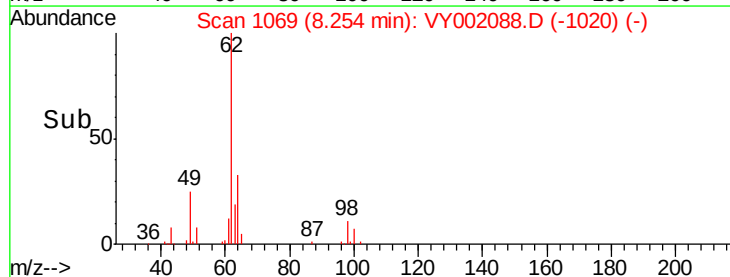
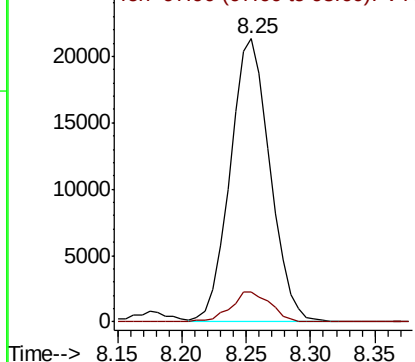


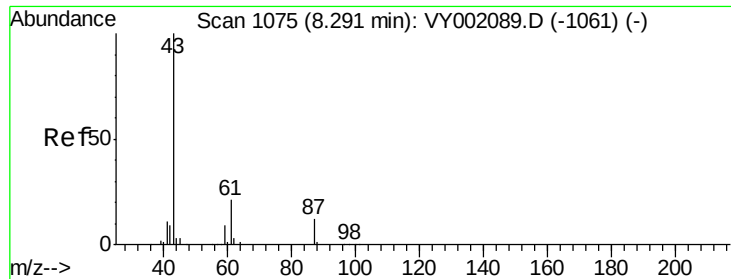
#42  
1,2-Dichloroethane  
Concen: 20.949 ug/l  
RT: 8.25 min Scan# 1069  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 45774 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.6  | 0.0   | 21.2  |



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





#43

Isopropyl Acetate

Concen: 20.926 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

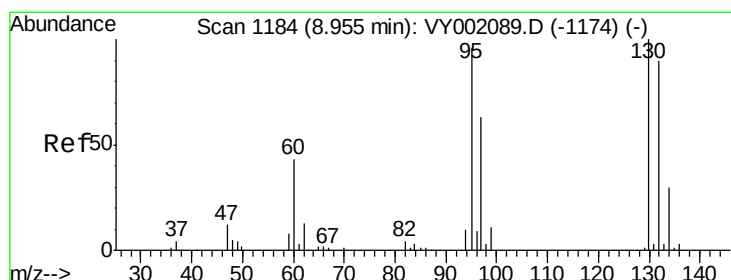
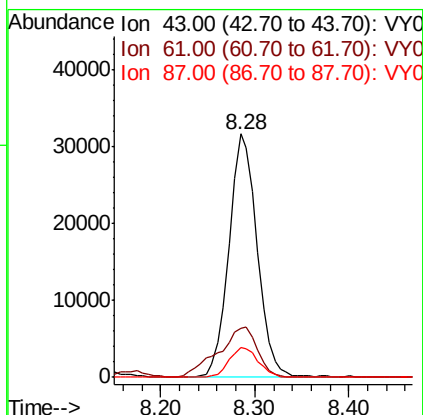
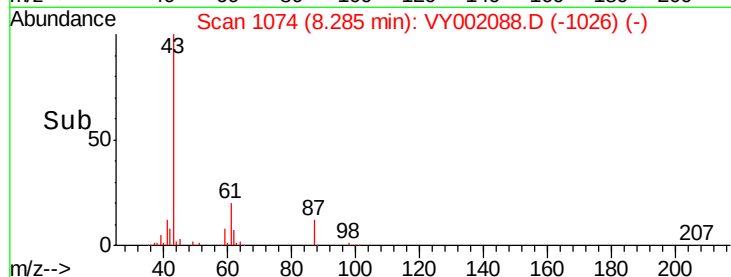
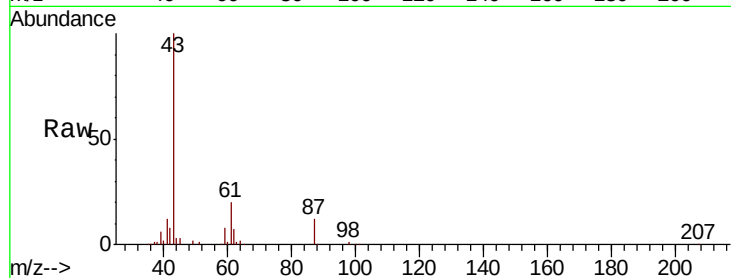
Tot Ion: 43 Resp: 65761

Ion Ratio Lower Upper

43 100

61 28.6 23.4 35.2

87 12.6 10.2 15.4



#44

Trichloroethene

Concen: 19.877 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002088.D

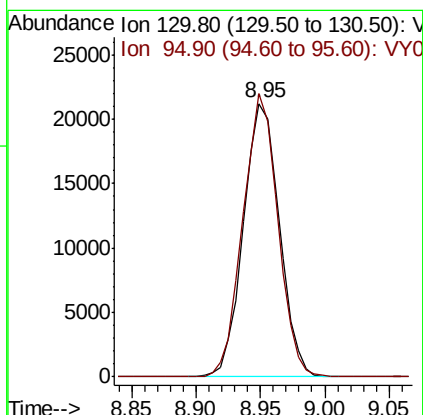
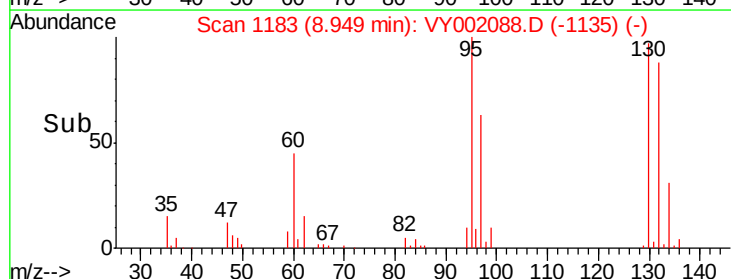
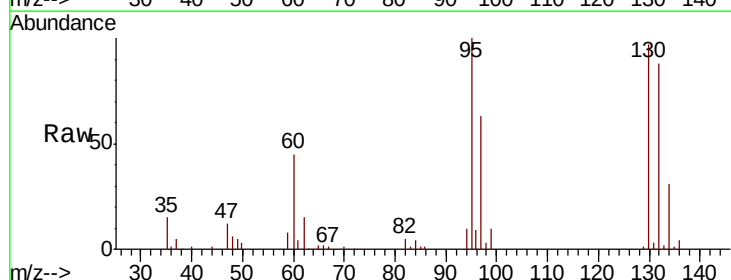
Acq: 26 Mar 2020 16:09

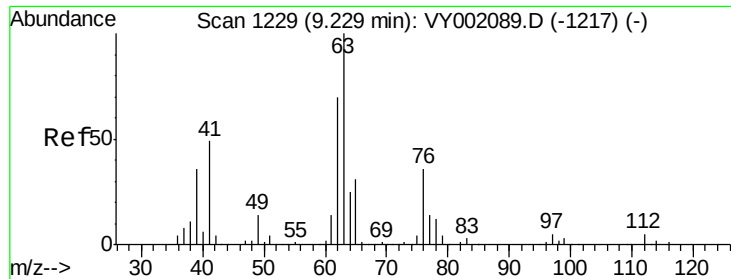
Tgt Ion:130 Resp: 41045

Ion Ratio Lower Upper

130 100

95 103.5 0.0 193.0





#45

1,2-Dichloropropane

Concen: 20.456 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

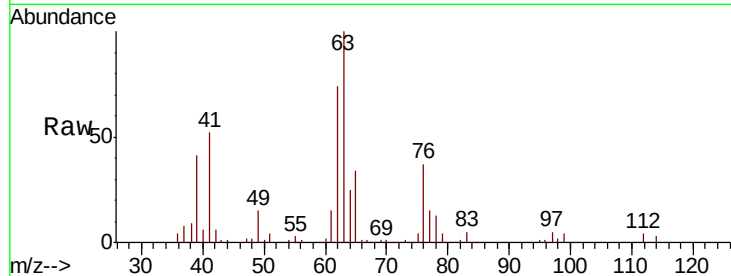
VSTDIC020

Tot Ion: 63 Resp: 43644

Ion Ratio Lower Upper

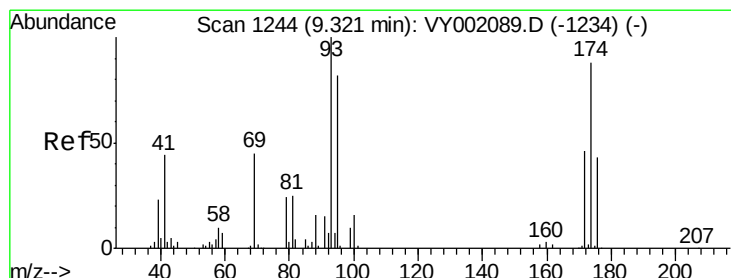
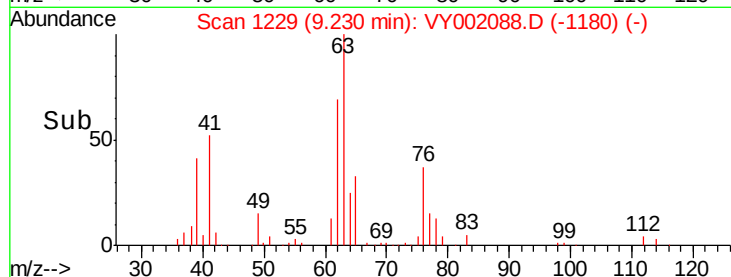
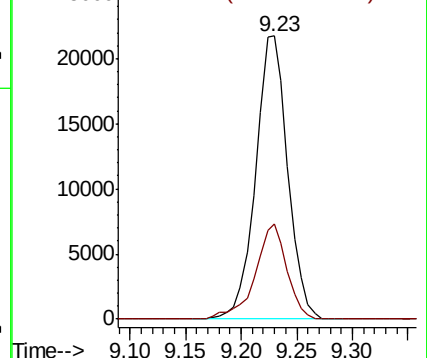
63 100

65 33.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 20.491 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

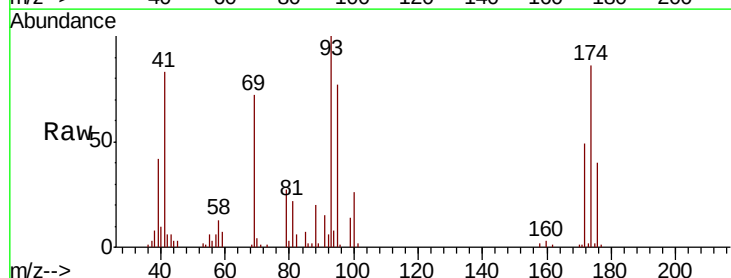
Tgt Ion: 93 Resp: 22529

Ion Ratio Lower Upper

93 100

95 82.7 66.0 99.0

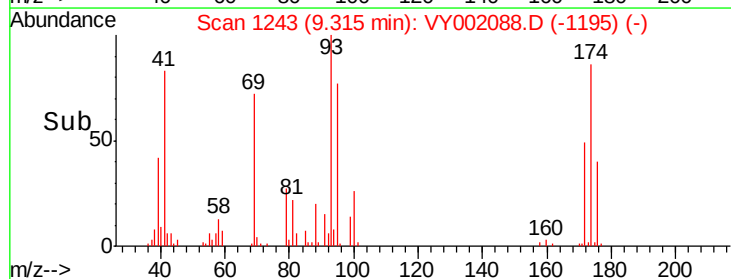
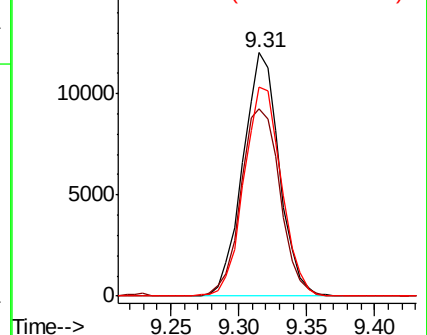
174 88.2 69.8 104.8

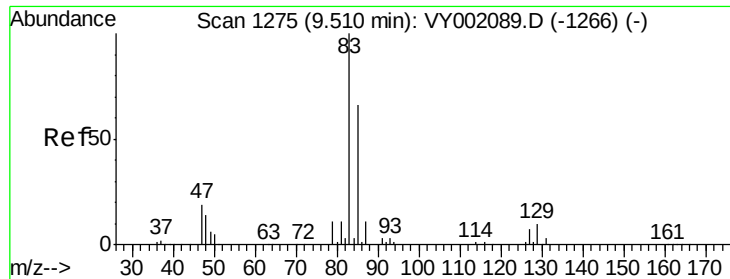


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.150 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

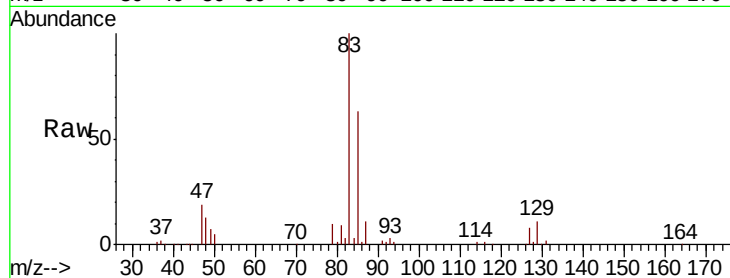
Tot Ion: 83 Resp: 51591

Ion Ratio Lower Upper

83 100

85 62.9 52.6 79.0

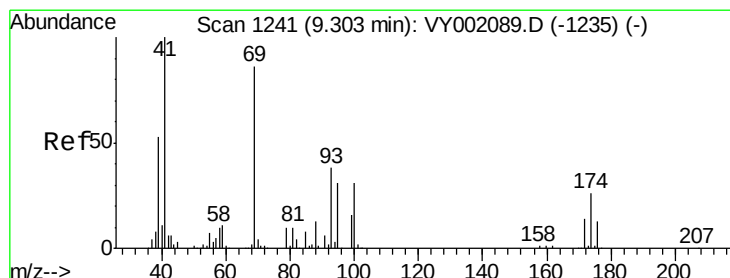
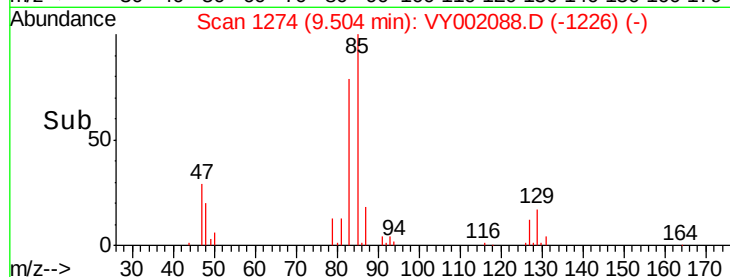
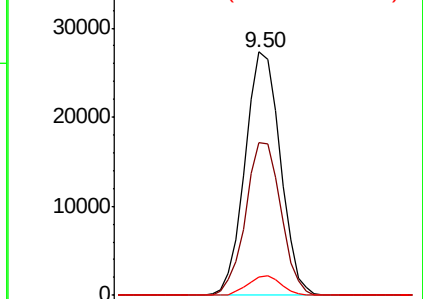
127 7.5 5.9 8.9



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: 21.774 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

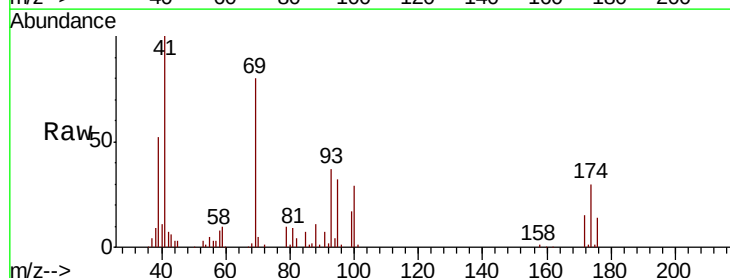
Tgt Ion: 41 Resp: 30140

Ion Ratio Lower Upper

41 100

69 85.0 71.4 107.0

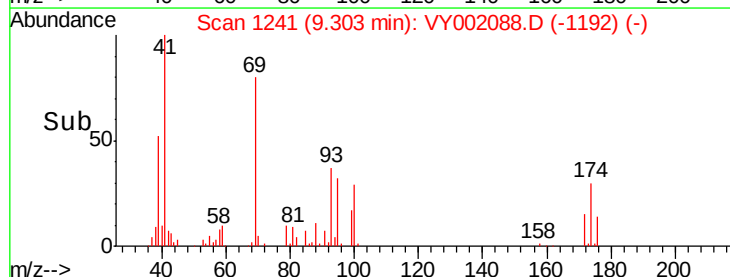
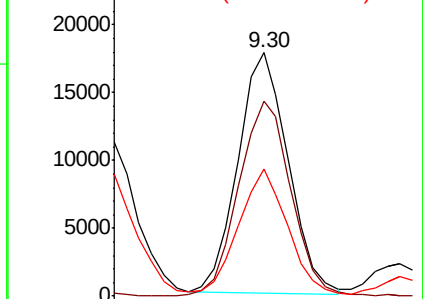
39 50.1 41.0 61.4

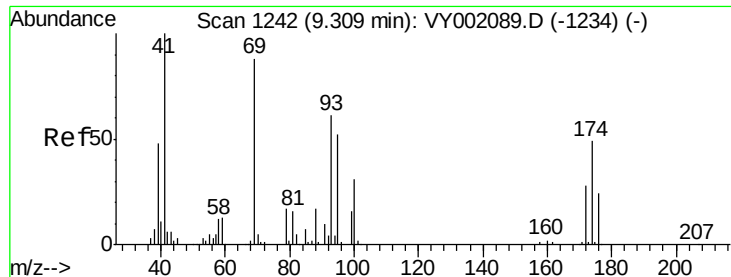


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

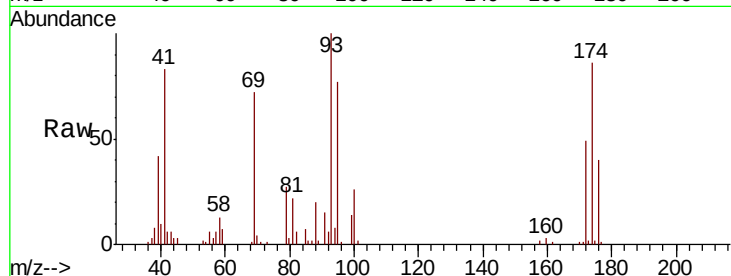




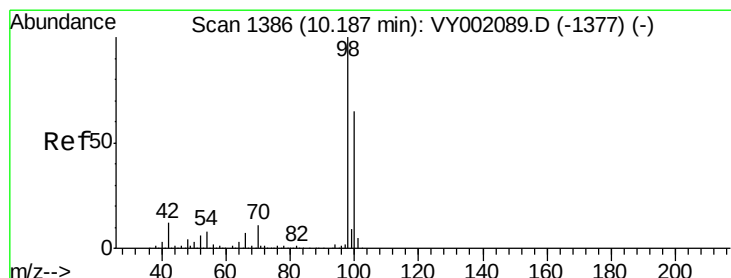
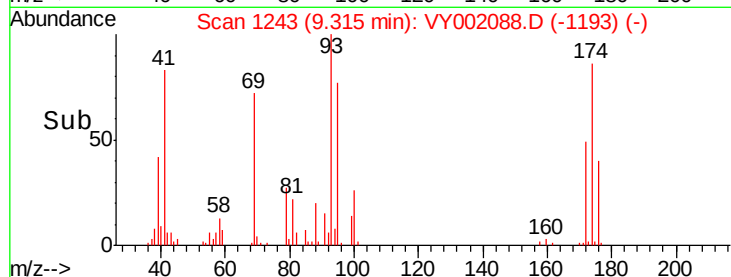
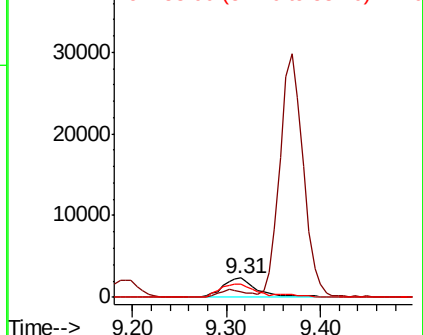
#49  
1,4-Dioxane  
Concen: 404.665 ug/l  
RT: 9.31 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tot Ion: 88 Resp: 6072  
Ion Ratio Lower Upper  
88 100  
43 33.7 27.2 40.8  
58 70.3 59.8 89.8

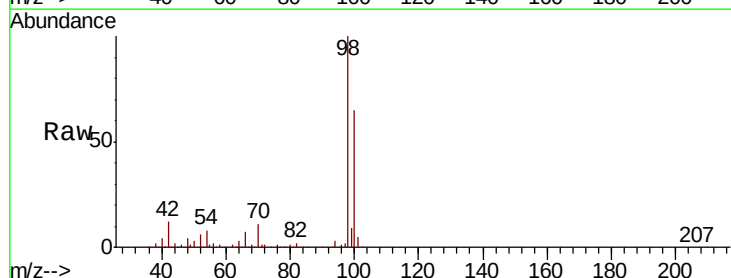


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

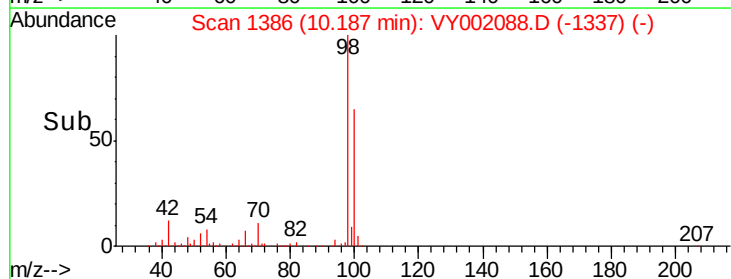
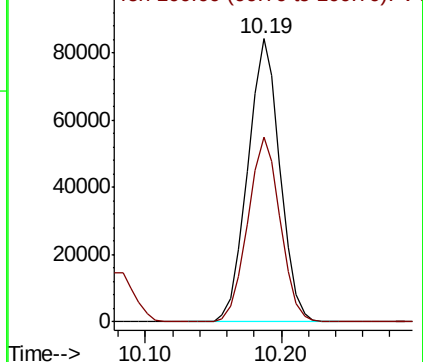


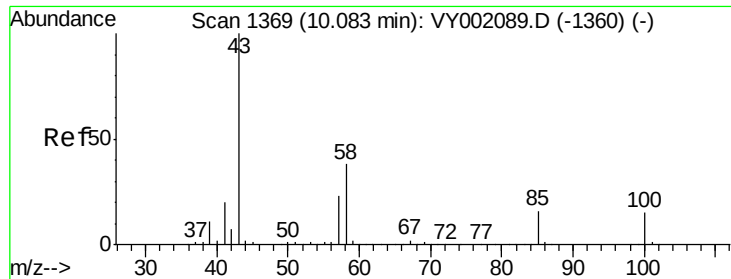
#50  
Toluene-d8  
Concen: 20.122 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 98 Resp: 139441  
Ion Ratio Lower Upper  
98 100  
100 65.8 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 106.835 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

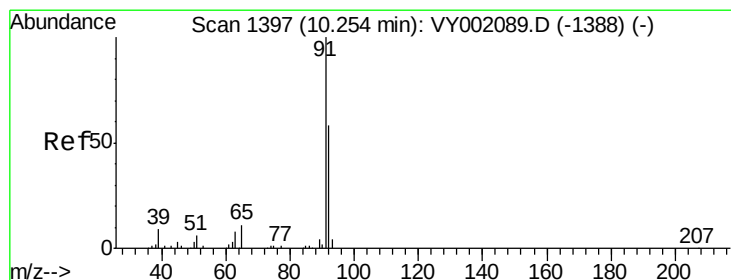
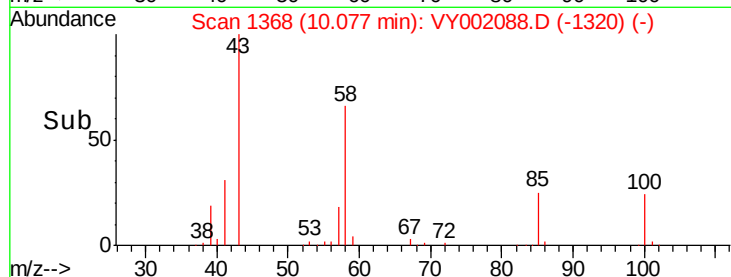
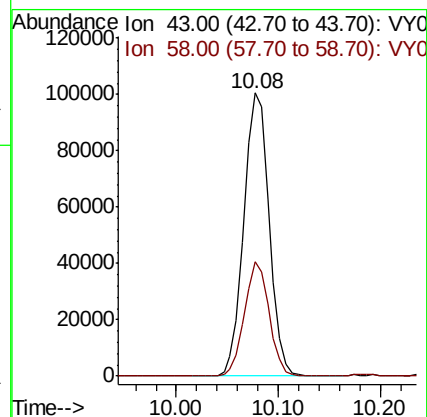
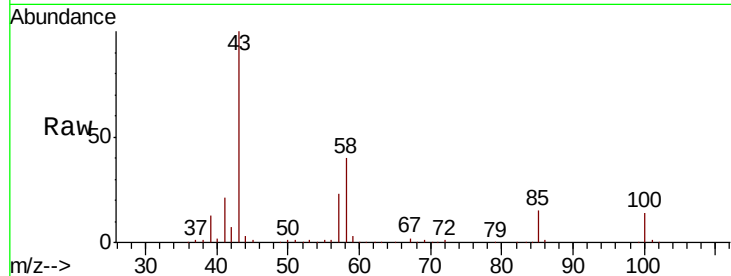
VSTDIC020

Tot Ion: 43 Resp: 172838

Ion Ratio Lower Upper

43 100

58 39.3 31.6 47.4



#52

Toluene

Concen: 20.030 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002088.D

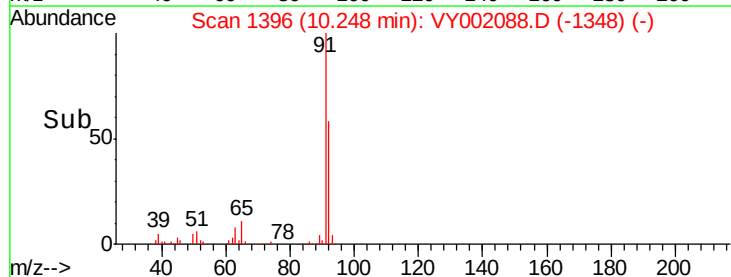
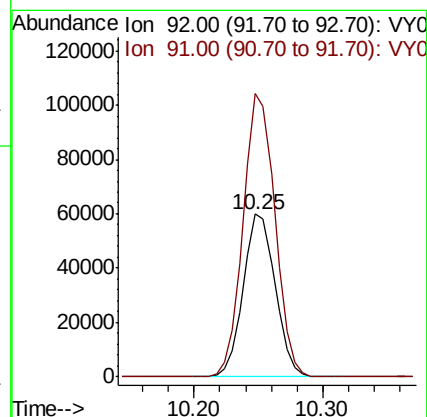
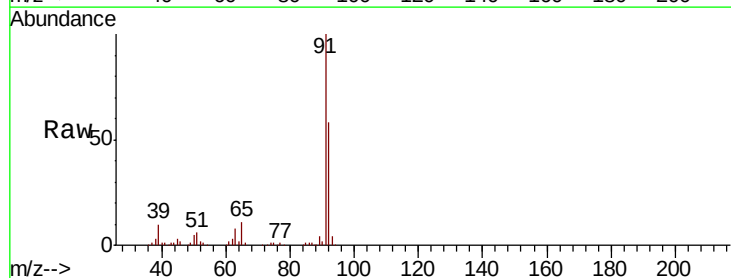
Acq: 26 Mar 2020 16:09

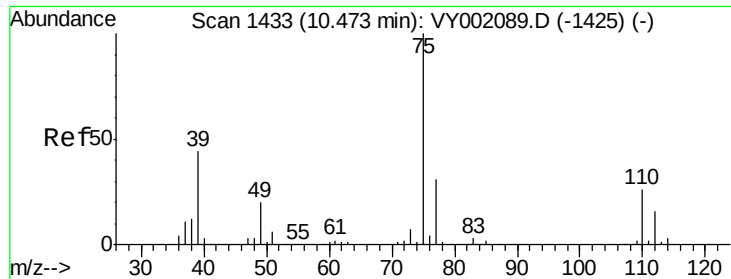
Tgt Ion: 92 Resp: 102988

Ion Ratio Lower Upper

92 100

91 172.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 20.510 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

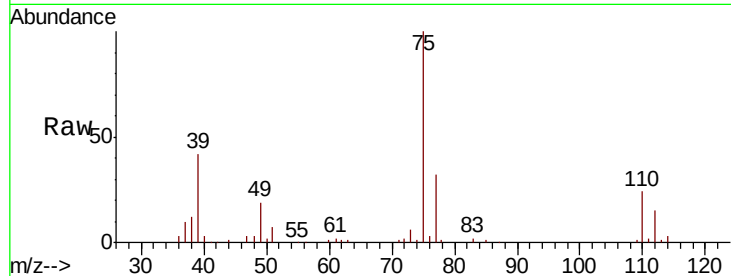
VSTDIC020

Tot Ion: 75 Resp: 57158

Ion Ratio Lower Upper

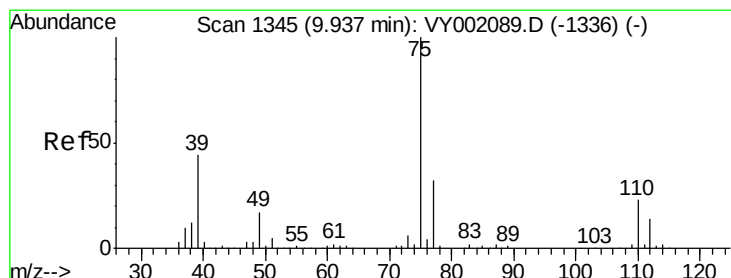
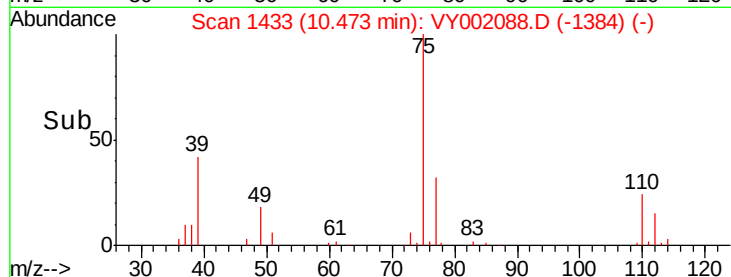
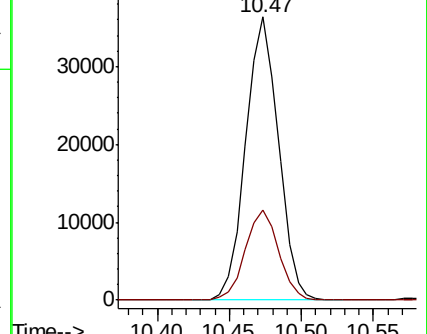
75 100

77 31.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.041 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

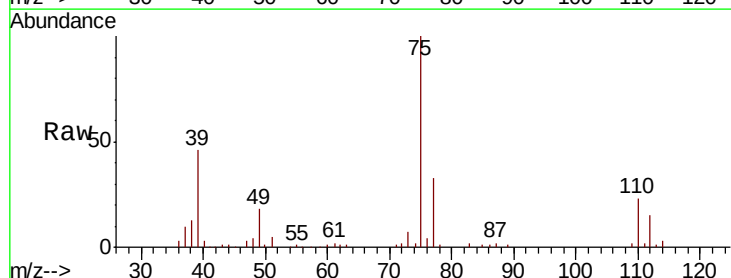
Tgt Ion: 75 Resp: 66491

Ion Ratio Lower Upper

75 100

77 33.0 25.6 38.4

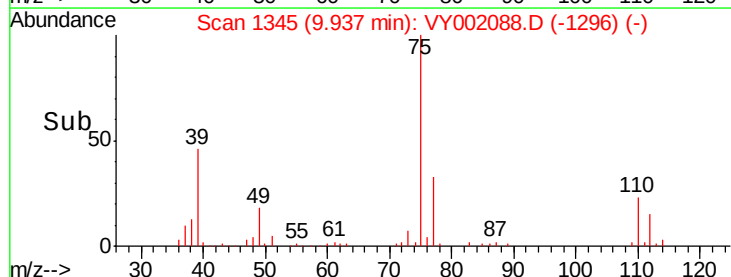
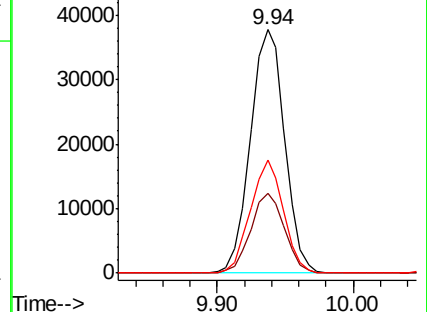
39 46.2 35.2 52.8

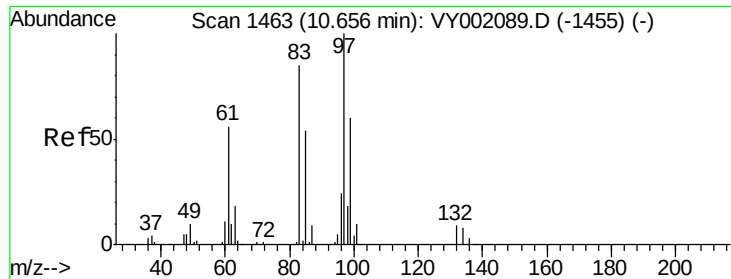


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

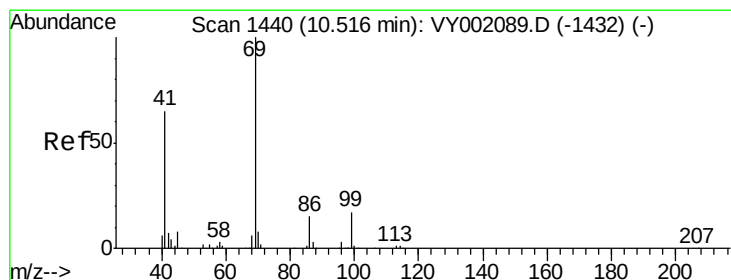
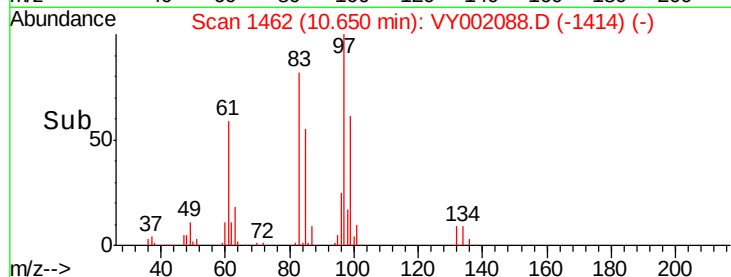
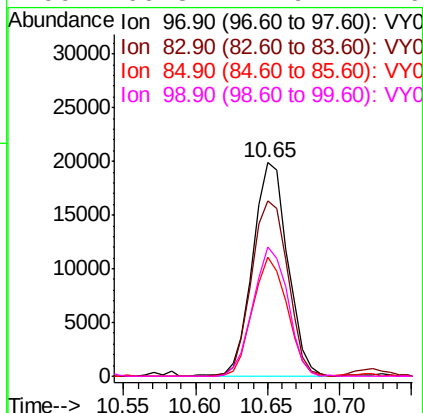
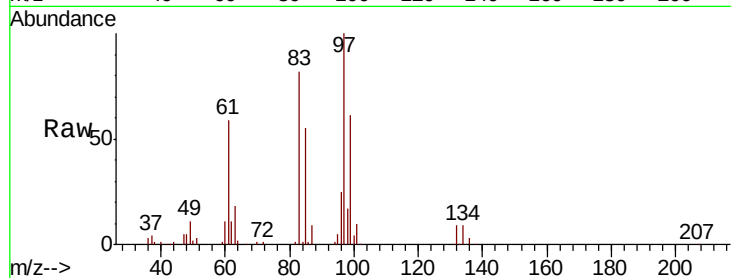




#55  
 1,1,2-Trichloroethane  
 Concen: 20.723 ug/l  
 RT: 10.65 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

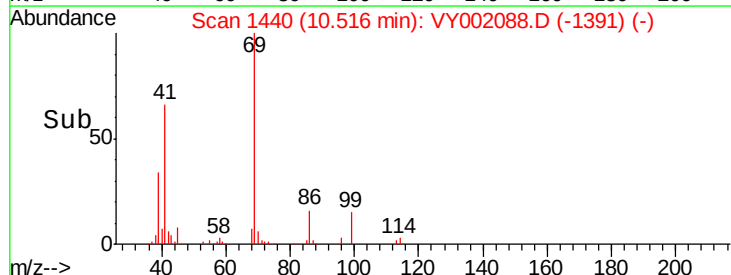
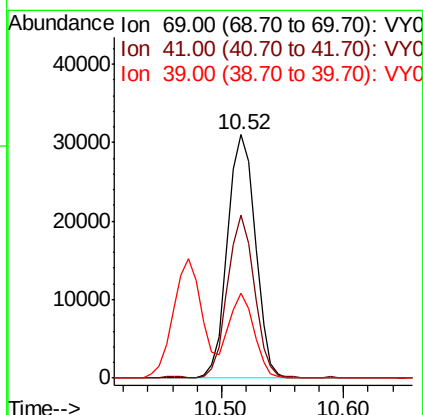
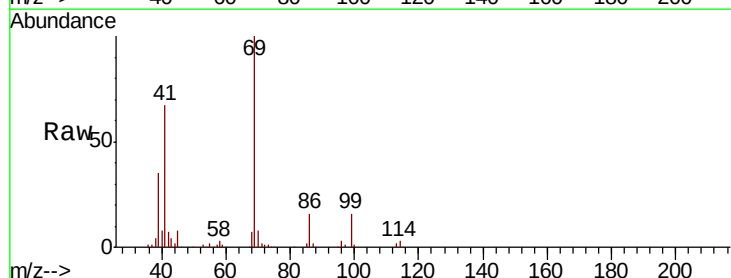
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 33407 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.4  | 68.2  | 102.2 |
| 85       | 55.5  | 42.9  | 64.3  |
| 99       | 60.8  | 47.9  | 71.9  |

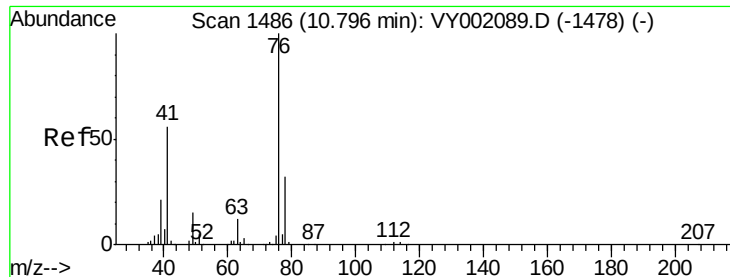


#56  
 Ethyl methacrylate  
 Concen: 20.853 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. 0.00 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 48902 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 64.2  | 52.8  | 79.2  |
| 39       | 31.6  | 25.0  | 37.6  |







#57

1,3-Dichloropropane

Concen: 20.708 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

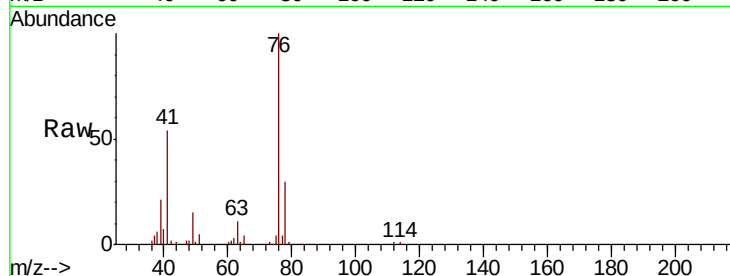
VSTDIC020

Tot Ion: 76 Resp: 59437

Ion Ratio Lower Upper

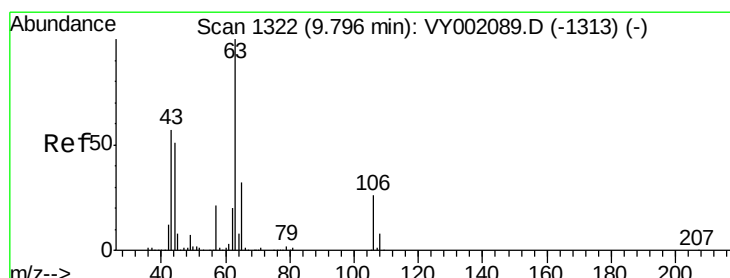
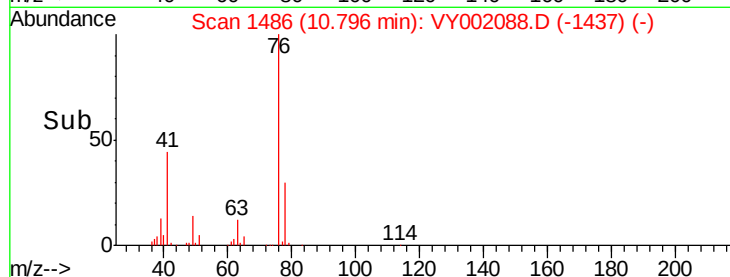
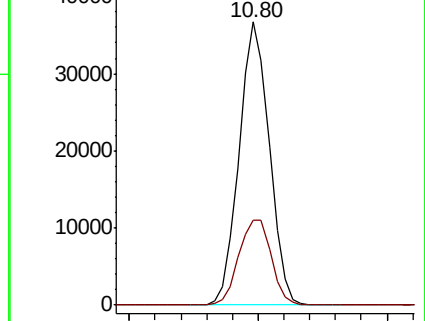
76 100

78 32.3 26.1 39.1



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: 129.433 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002088.D

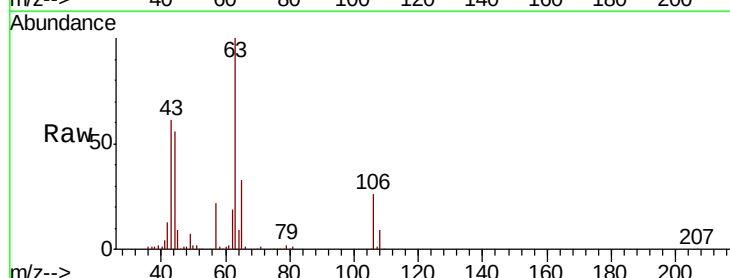
Acq: 26 Mar 2020 16:09

Tgt Ion: 63 Resp: 129414

Ion Ratio Lower Upper

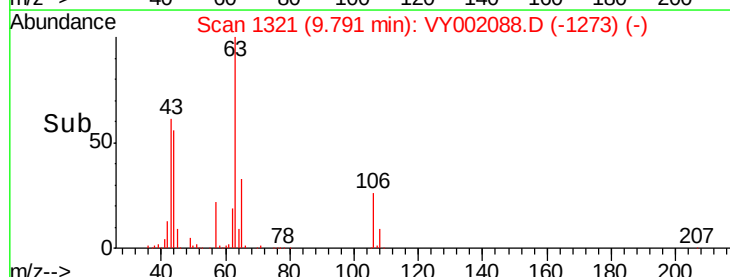
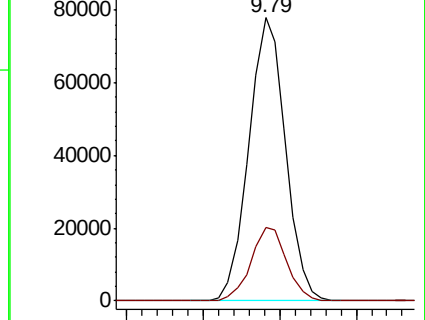
63 100

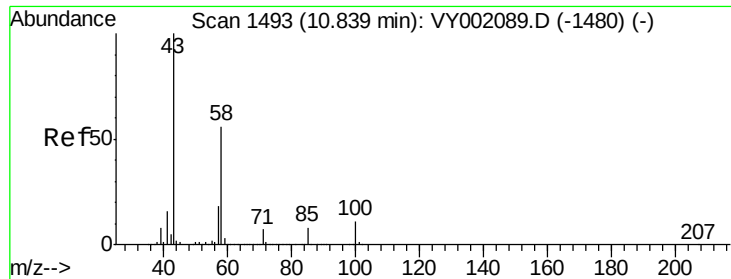
106 25.4 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

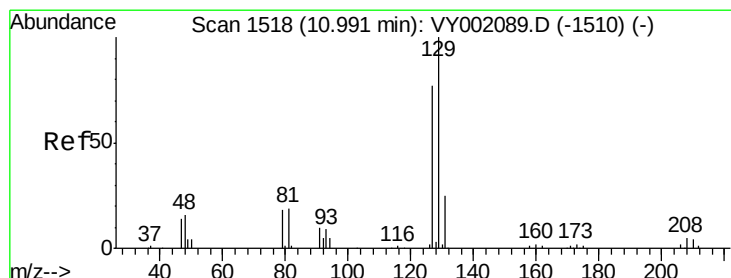
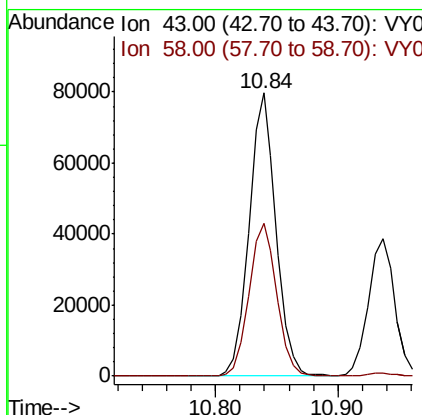
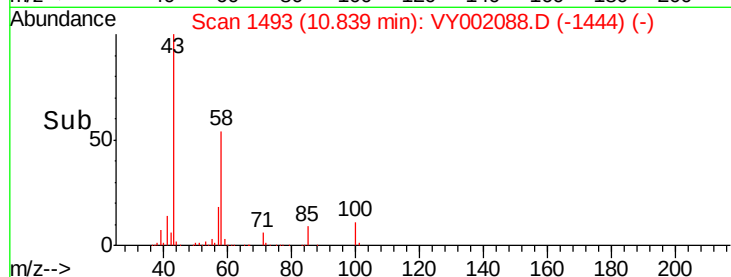
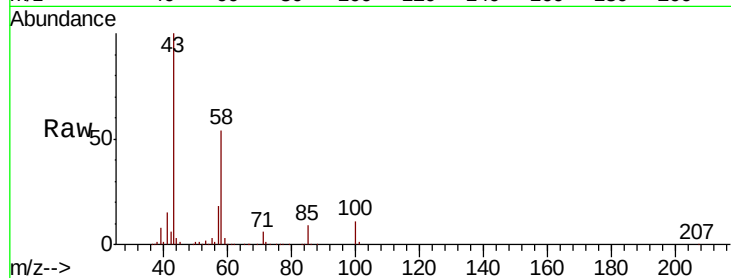




#59  
2-Hexanone  
Concen: 105.468 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

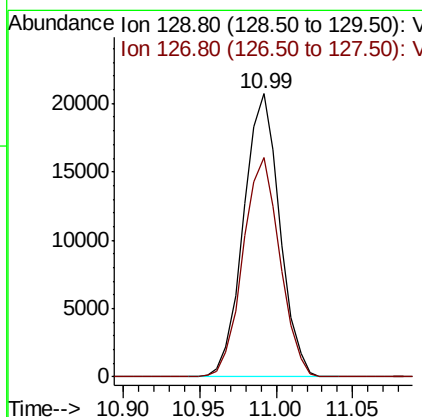
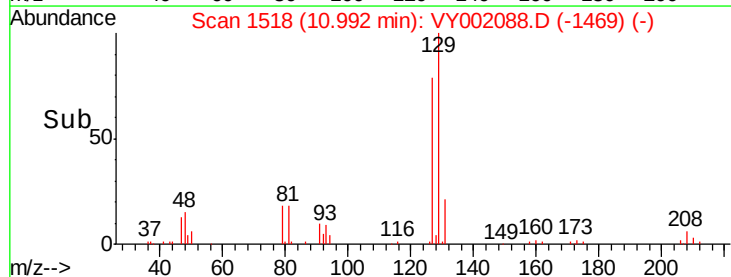
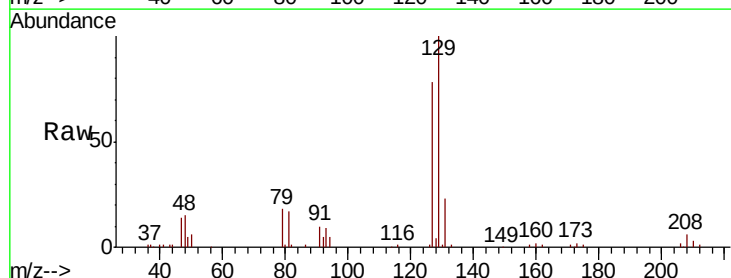
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

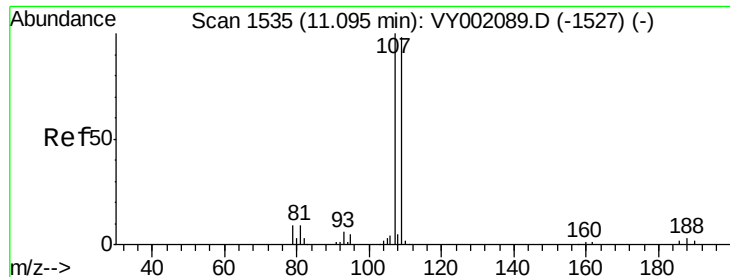
Tot Ion: 43 Resp: 121475  
Ion Ratio Lower Upper  
43 100  
58 55.7 27.9 83.6



#60  
Dibromochloromethane  
Concen: 20.152 ug/l  
RT: 10.99 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion:129 Resp: 34073  
Ion Ratio Lower Upper  
129 100  
127 78.7 38.7 116.1

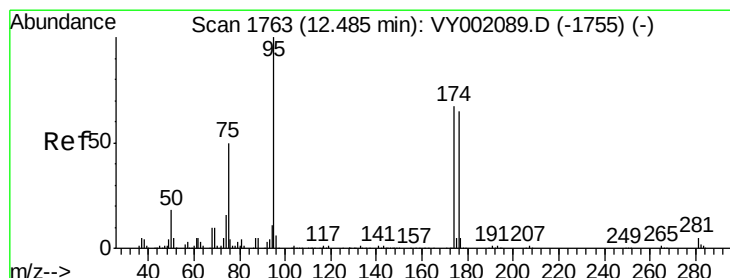
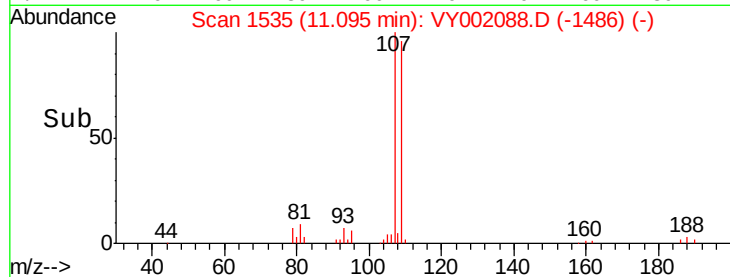
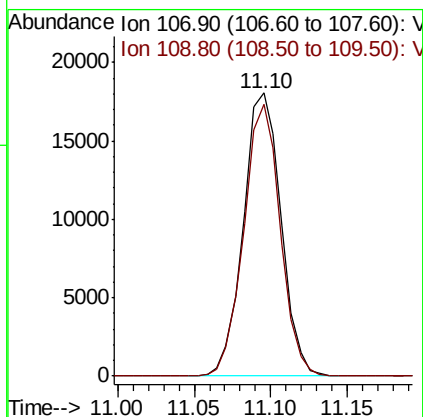
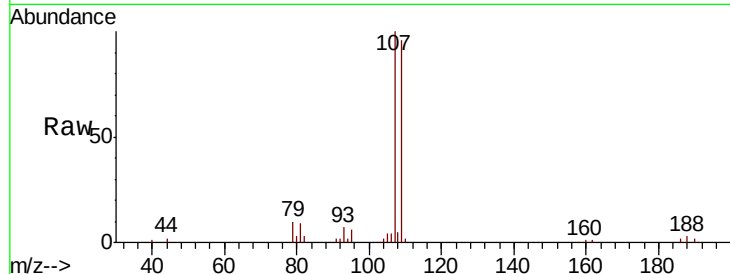




#61  
 1,2-Dibromoethane  
 Concen: 20.295 ug/l  
 RT: 11.10 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

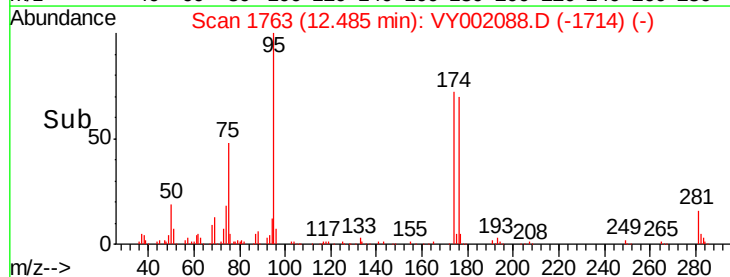
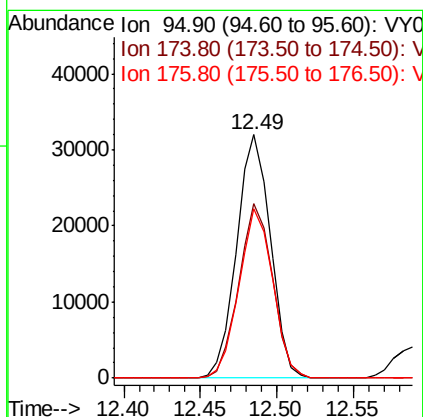
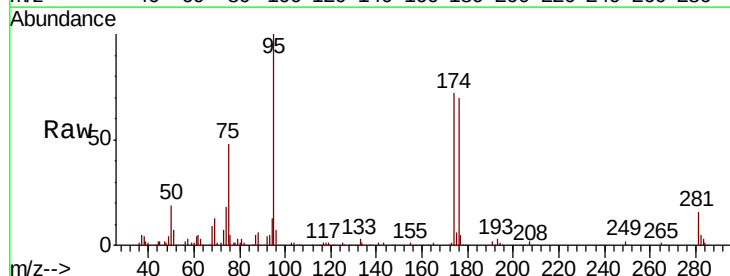
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

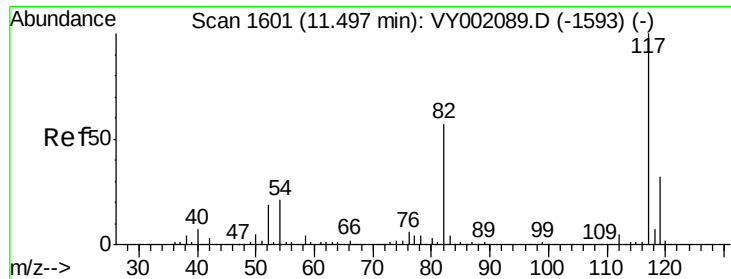
Tot Ion: 107 Resp: 30911  
 Ion Ratio Lower Upper  
 107 100  
 109 92.9 76.3 114.5



#62  
 4-Bromofluorobenzene  
 Concen: 20.259 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. 0.00 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

Tgt Ion: 95 Resp: 48932  
 Ion Ratio Lower Upper  
 95 100  
 174 71.9 0.0 143.4  
 176 69.8 0.0 137.0

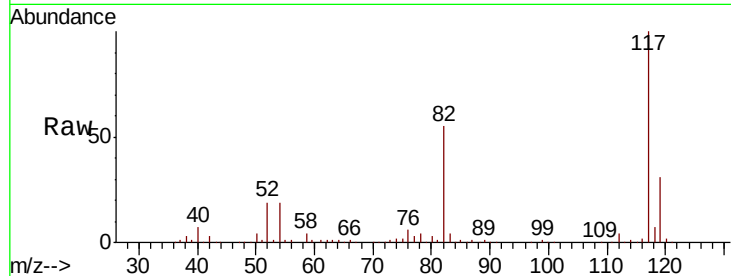




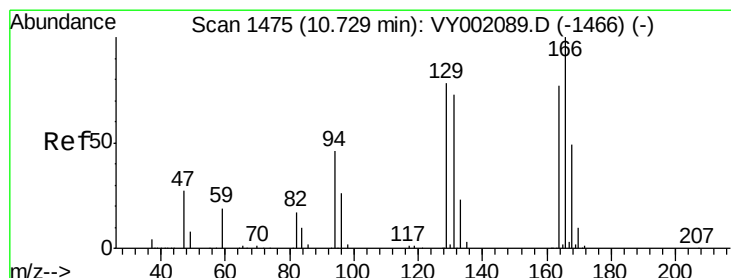
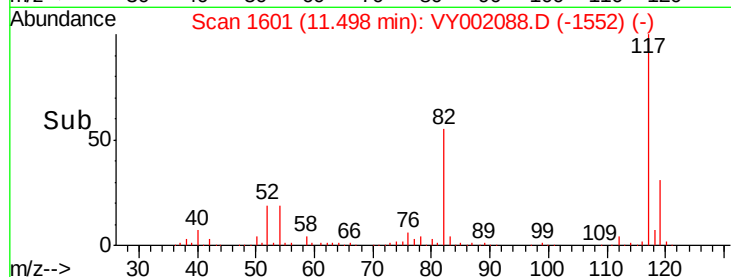
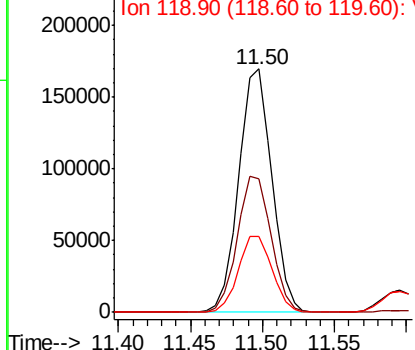
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC020

Tot Ion:117 Resp: 270921  
Ion Ratio Lower Upper  
117 100  
82 55.0 45.4 68.2  
119 31.4 25.3 37.9

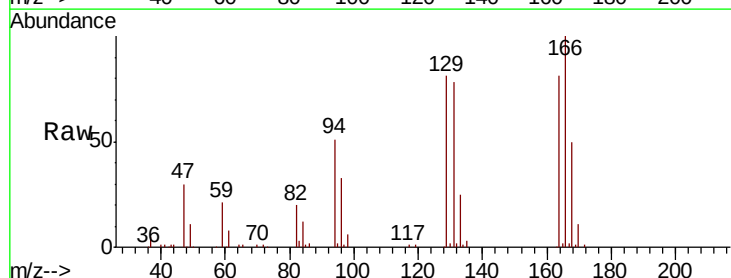


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

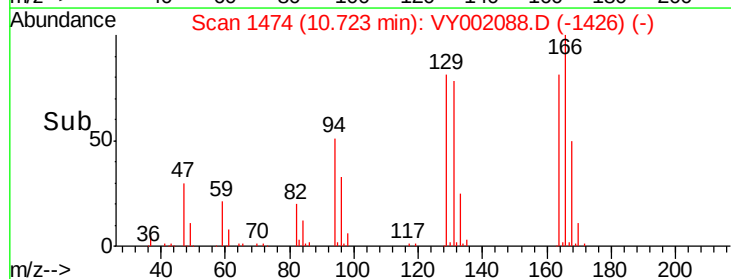
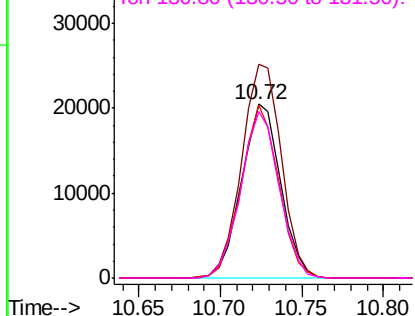


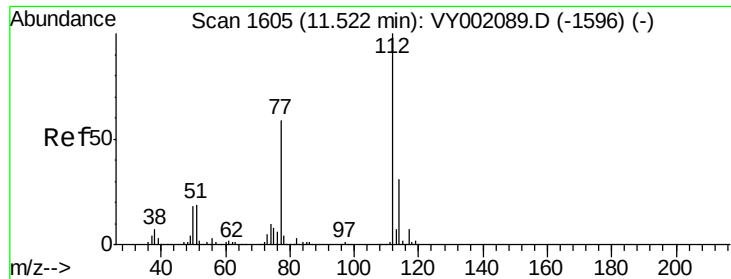
#64  
Tetrachloroethene  
Concen: 20.199 ug/l  
RT: 10.72 min Scan# 1474  
Delta R.T. -0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion:164 Resp: 34176  
Ion Ratio Lower Upper  
164 100  
166 123.1 104.0 156.0  
129 99.4 81.2 121.8  
131 96.1 75.8 113.6



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

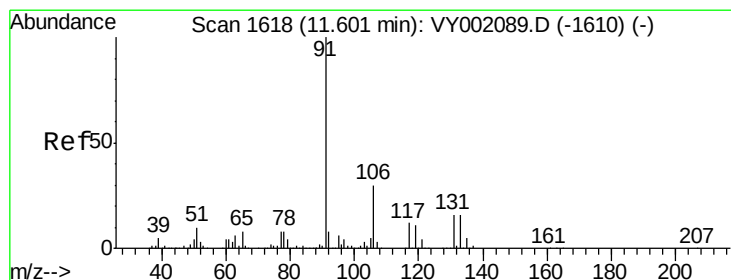
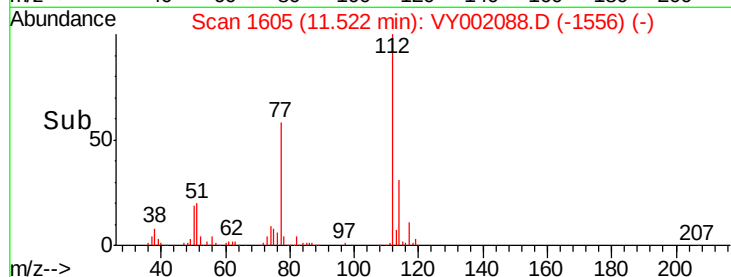
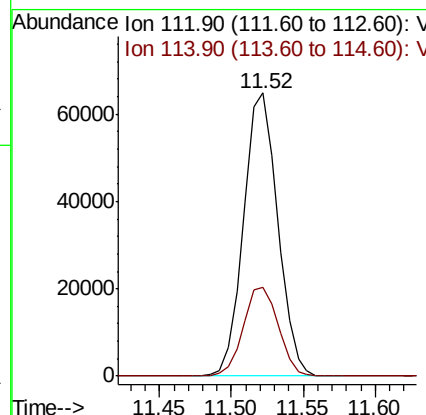
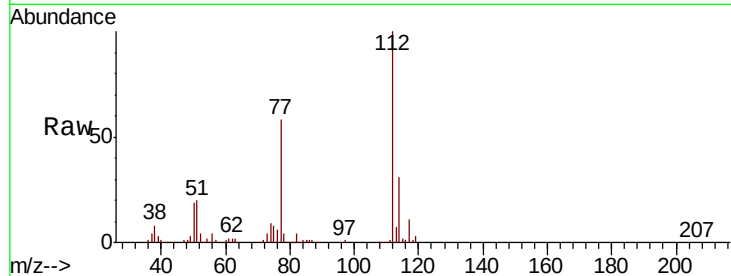




#65  
Chlorobenzene  
Concen: 19.900 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

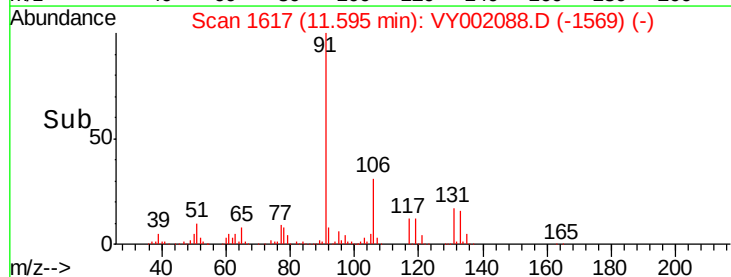
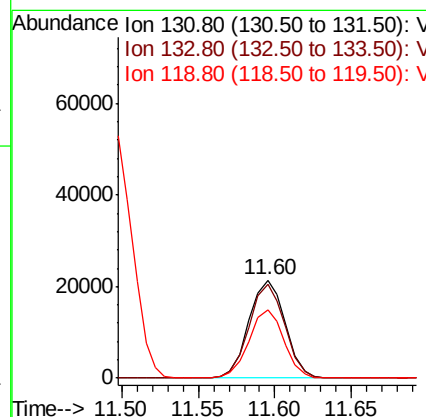
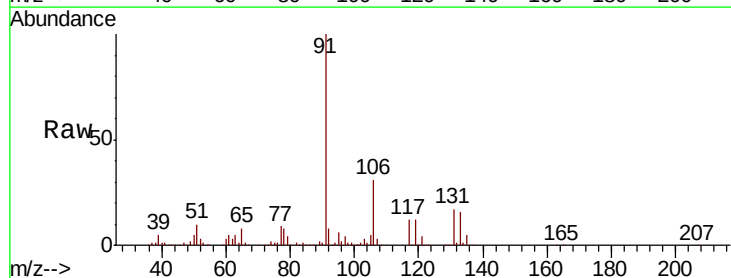
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

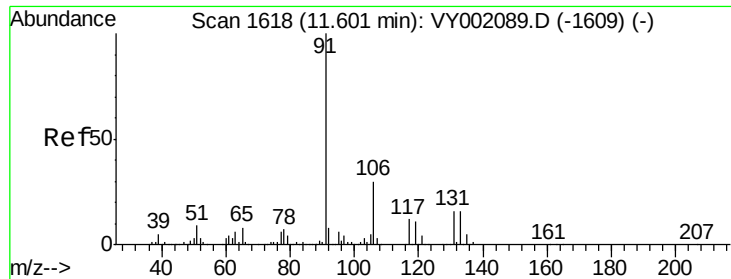
Tot Ion:112 Resp: 106329  
Ion Ratio Lower Upper  
112 100  
114 31.4 24.9 37.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.153 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion:131 Resp: 35369  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.5 142.5  
119 67.5 34.6 103.9

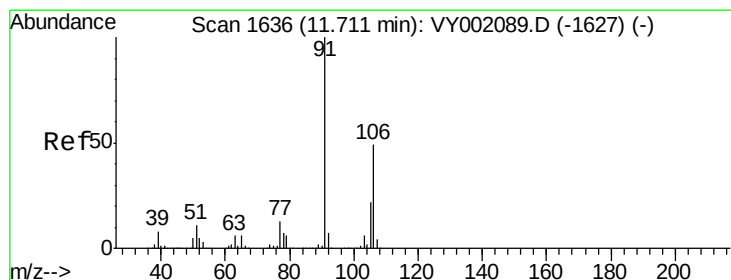
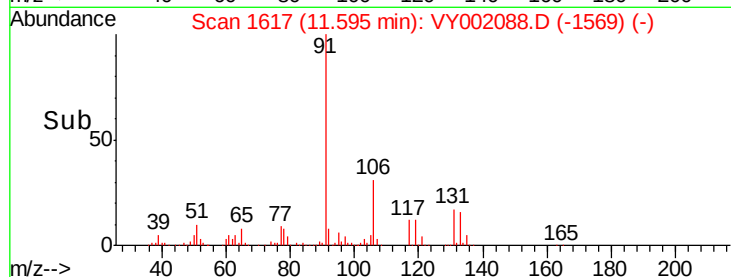
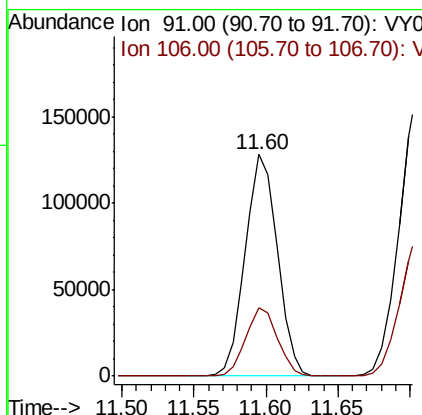
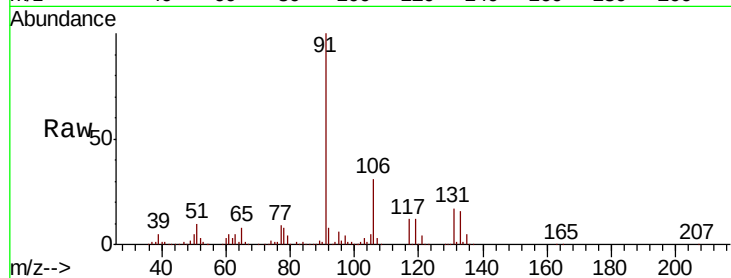




#67  
Ethyl Benzene  
Concen: 19.846 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

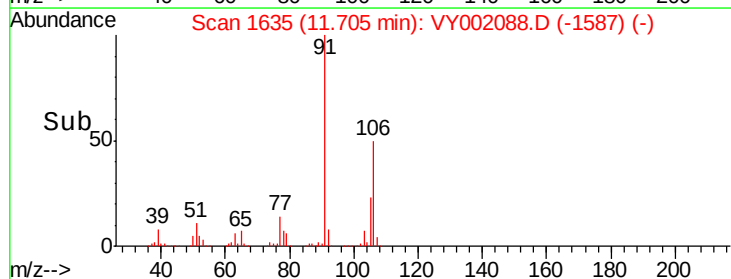
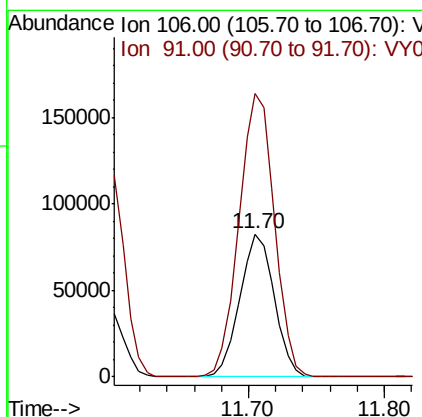
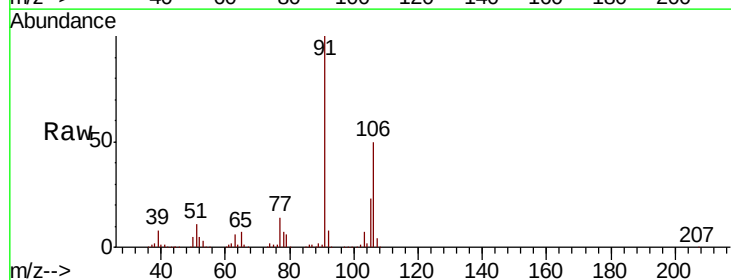
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

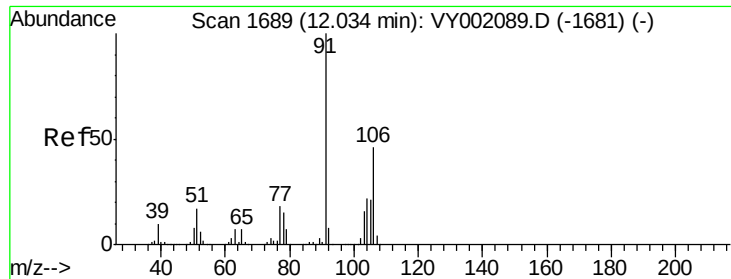
Tot Ion: 91 Resp: 198089  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.1 36.1



#68  
m/p-Xylenes  
Concen: 39.702 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. -0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion: 106 Resp: 146251  
Ion Ratio Lower Upper  
106 100  
91 203.4 162.8 244.2

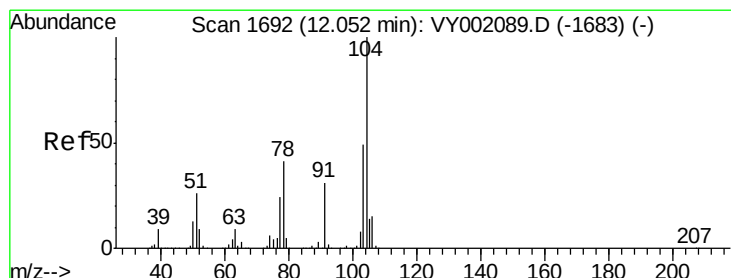
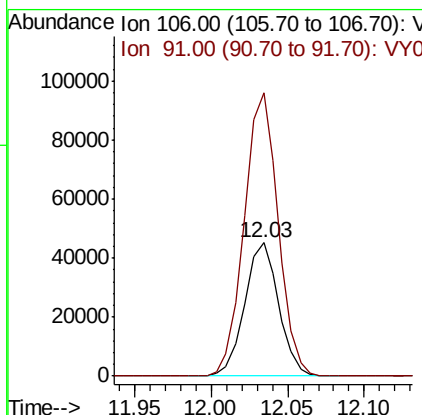
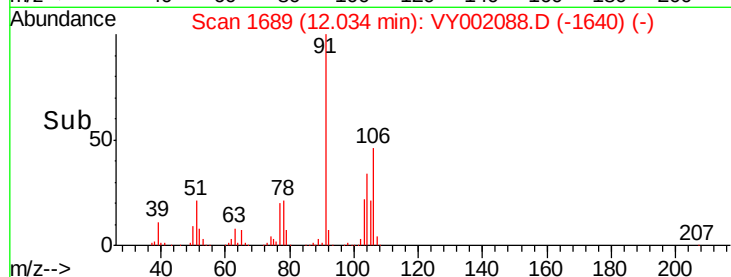
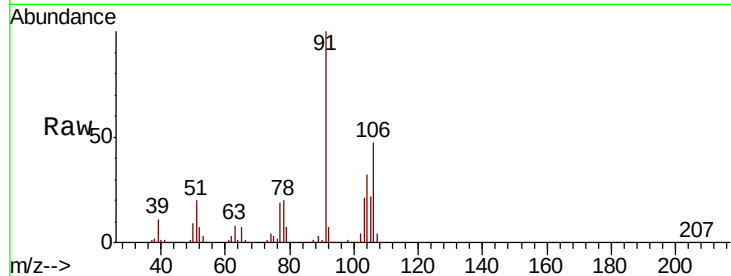




#69  
o-Xylene  
Concen: 19.994 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

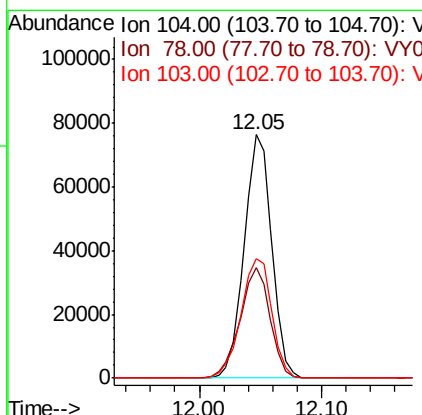
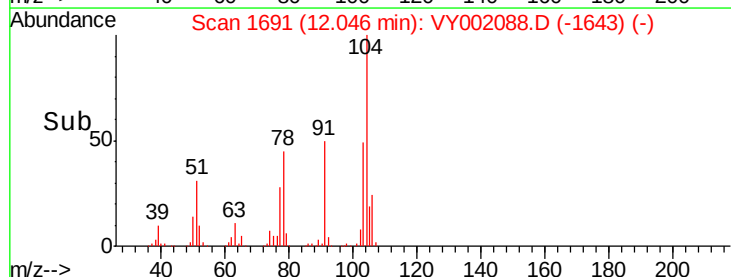
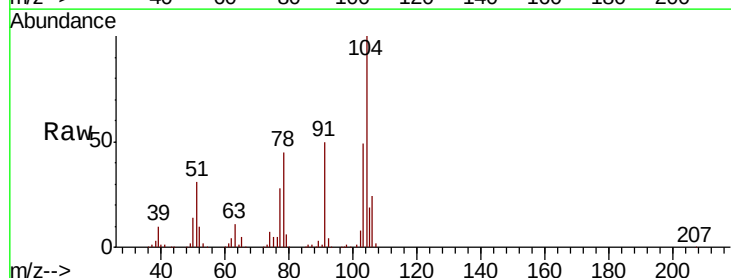
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

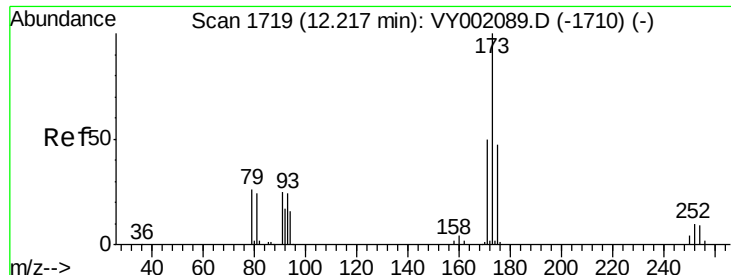
Tot Ion:106 Resp: 69486  
Ion Ratio Lower Upper  
106 100  
91 213.1 107.3 321.8



#70  
Styrene  
Concen: 20.069 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. -0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion:104 Resp: 119541  
Ion Ratio Lower Upper  
104 100  
78 49.4 37.9 56.9  
103 54.8 43.2 64.8





#71

Bromoform

Concen: 20.437 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

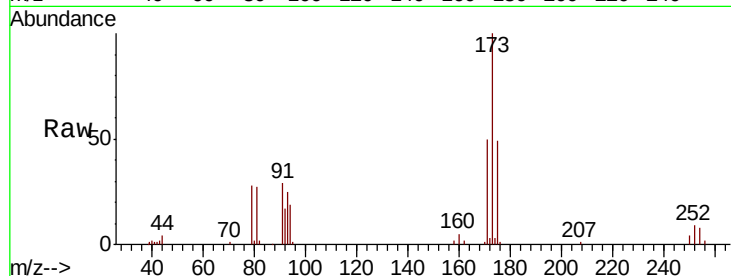
Tot Ion:173 Resp: 19418

Ion Ratio Lower Upper

173 100

175 46.6 23.9 71.8

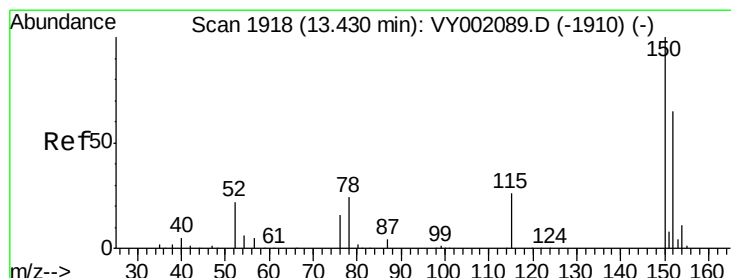
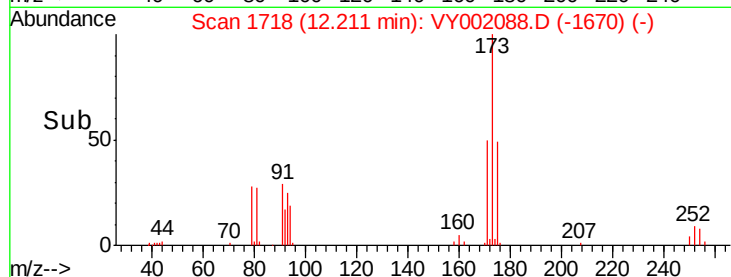
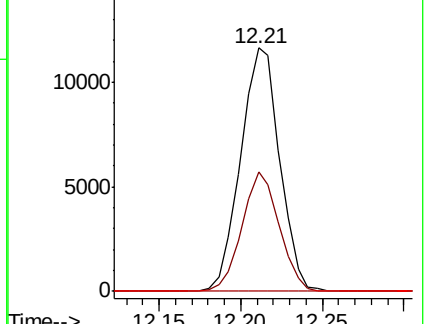
254 0.0 0.0 0.0



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: VY002088.D

Acq: 26 Mar 2020 16:09

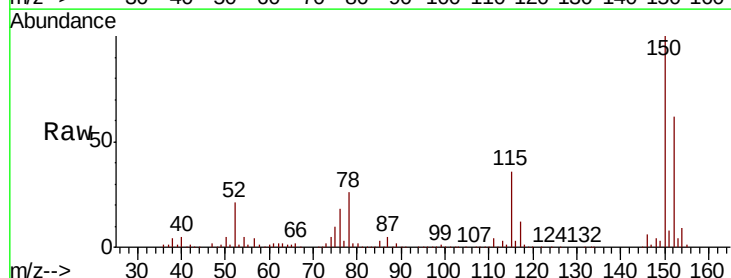
Tgt Ion:152 Resp: 129469

Ion Ratio Lower Upper

152 100

115 60.9 31.2 93.6

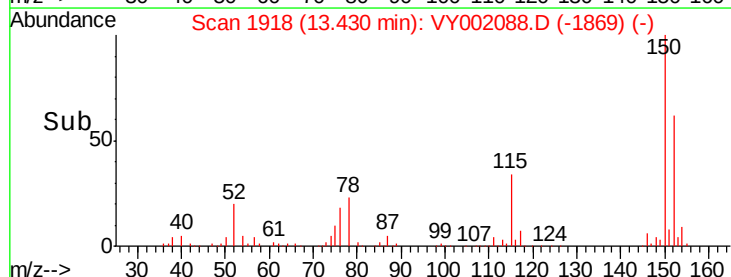
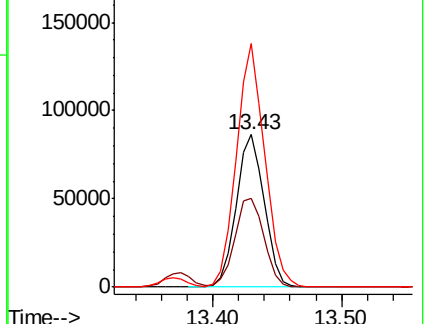
150 162.4 0.0 354.8



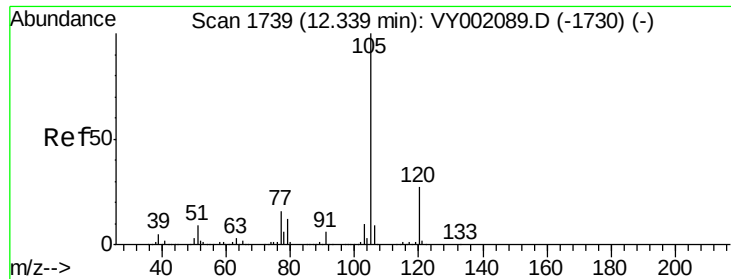
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 18.855 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

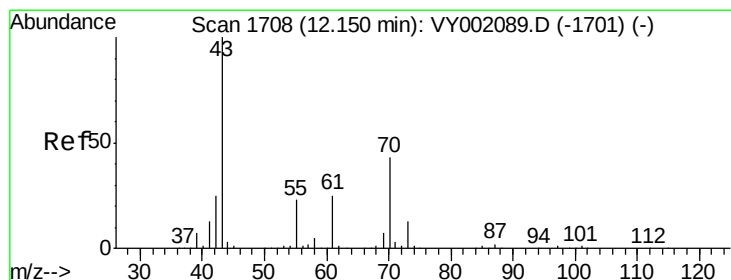
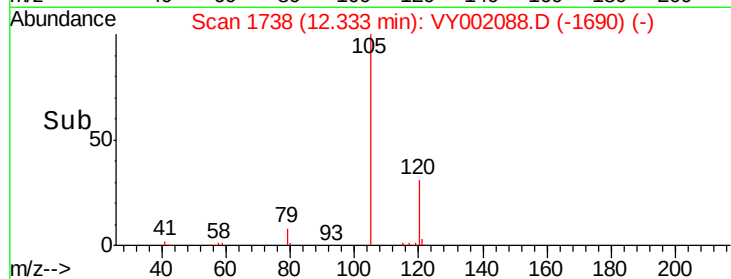
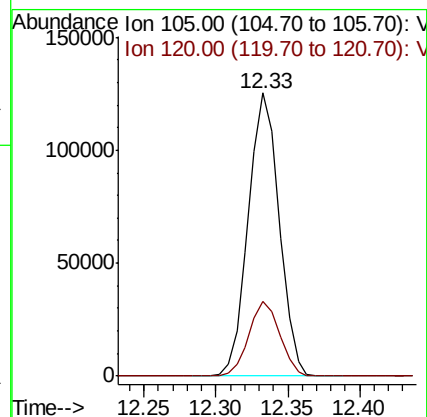
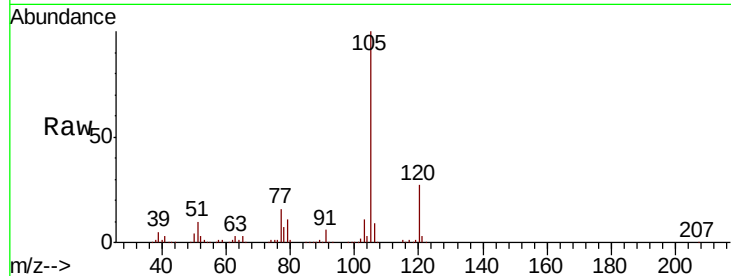
VSTDIC020

Tot Ion:105 Resp: 185792

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 20.006 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Tgt Ion: 43 Resp: 60547

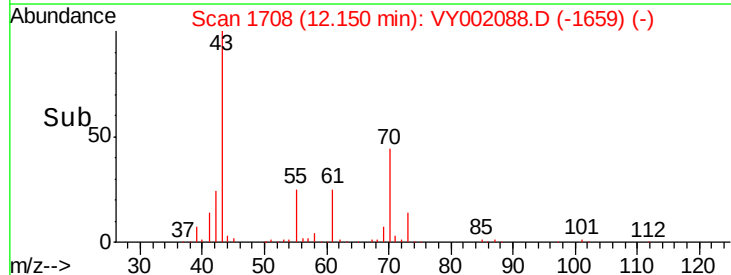
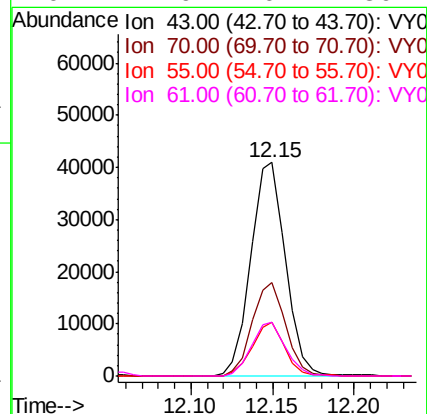
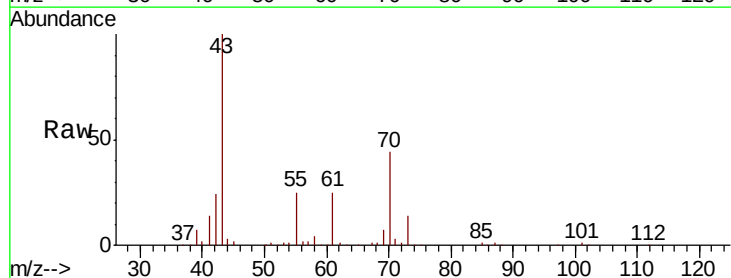
Ion Ratio Lower Upper

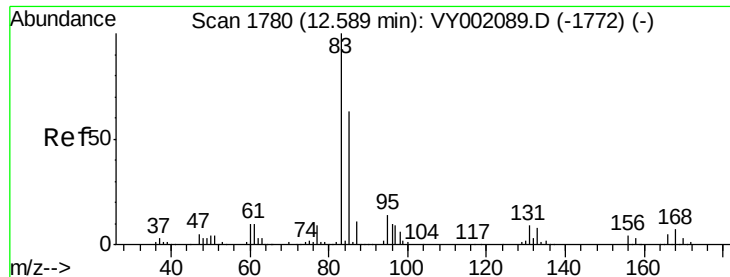
43 100

70 42.5 35.0 52.4

55 23.6 18.7 28.1

61 24.9 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.077 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

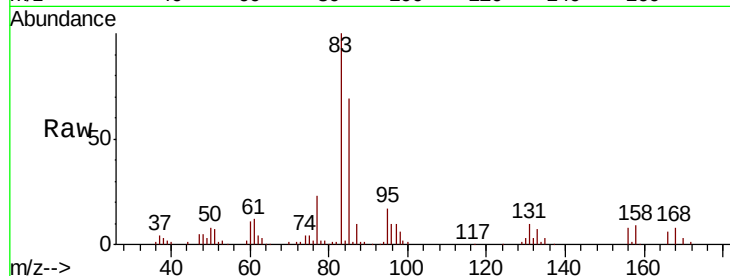
Tot Ion: 83 Resp: 40420

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

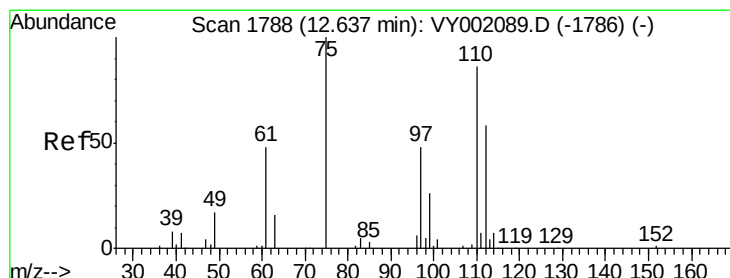
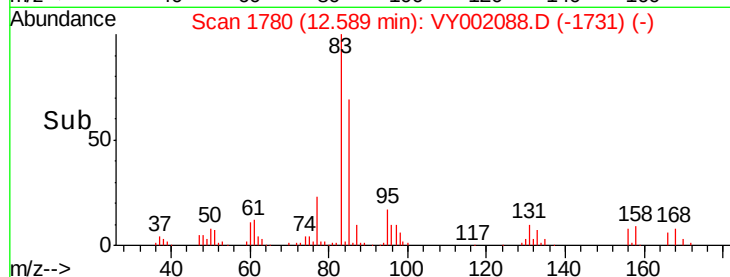
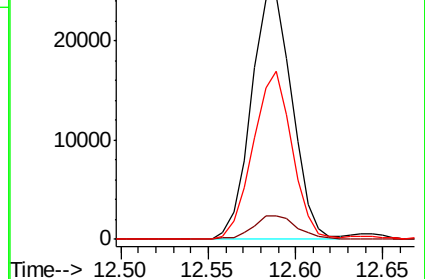
85 65.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY002089.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002089.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002089.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 34.817 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002088.D

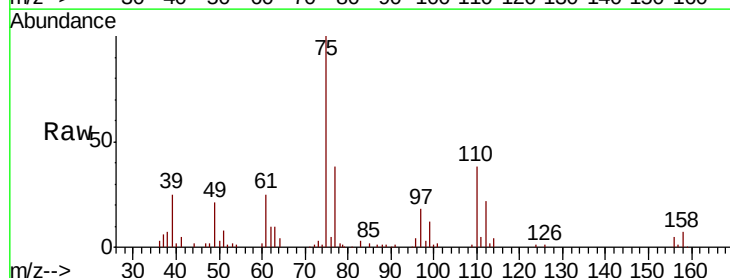
Acq: 26 Mar 2020 16:09

Tgt Ion: 75 Resp: 54032

Ion Ratio Lower Upper

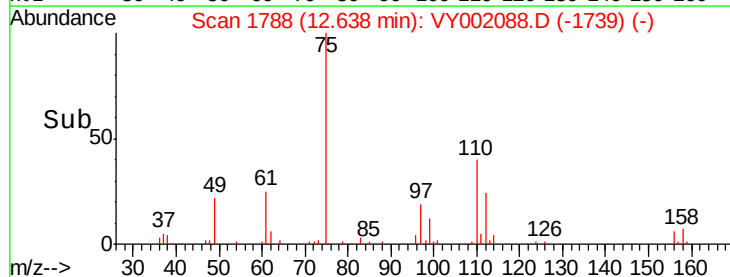
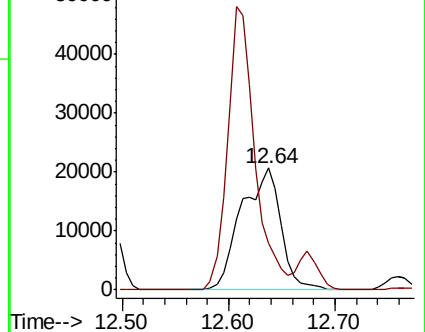
75 100

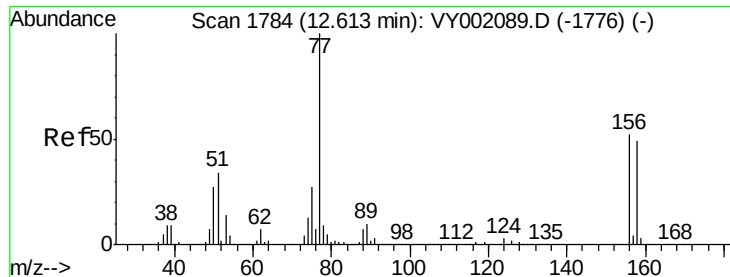
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002089.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002089.D (-1786) (-)





#77

Bromobenzene

Concen: 19.111 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

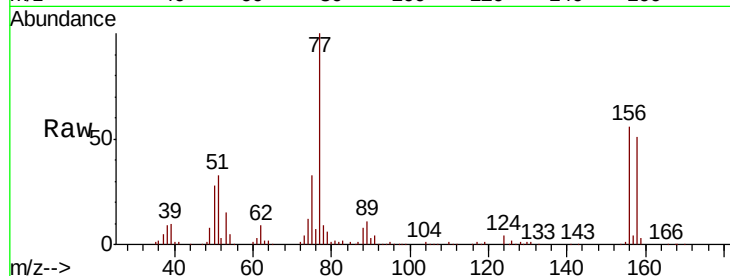
Tot Ion:156 Resp: 40057

Ion Ratio Lower Upper

156 100

77 215.5 107.8 323.6

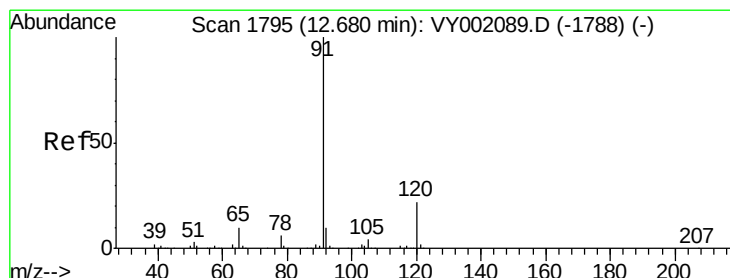
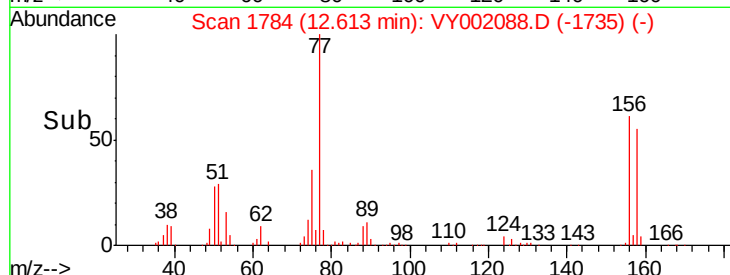
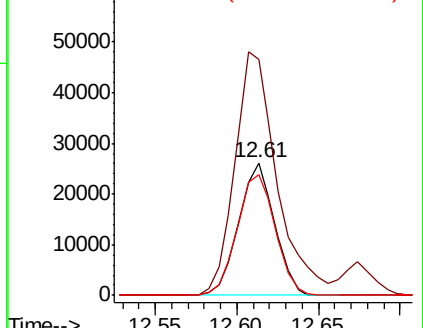
158 96.8 47.5 142.6



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: 19.142 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002088.D

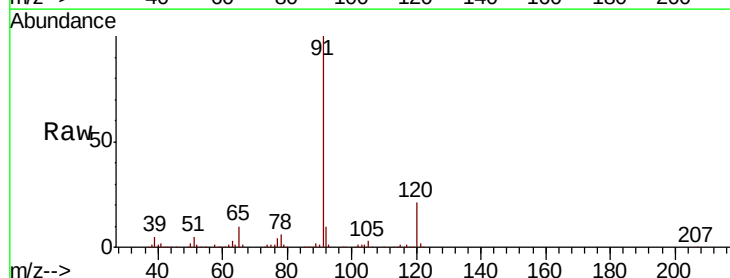
Acq: 26 Mar 2020 16:09

Tgt Ion: 91 Resp: 232973

Ion Ratio Lower Upper

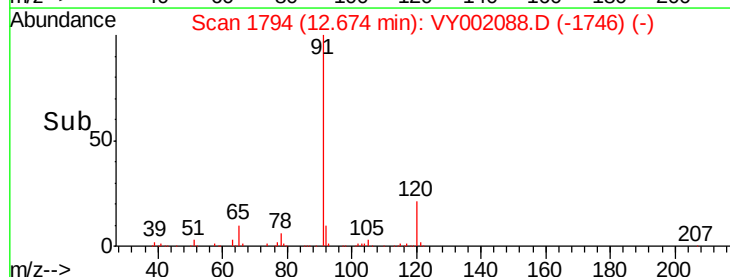
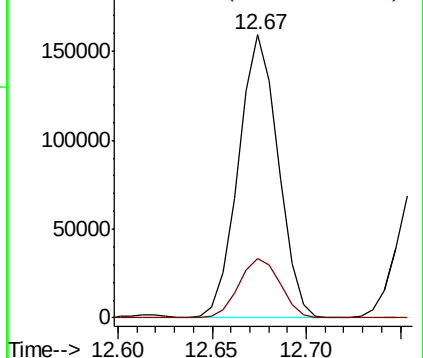
91 100

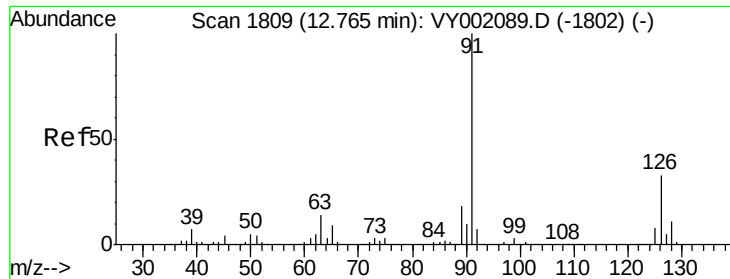
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

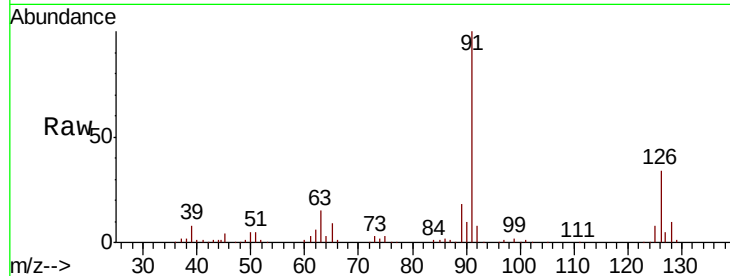




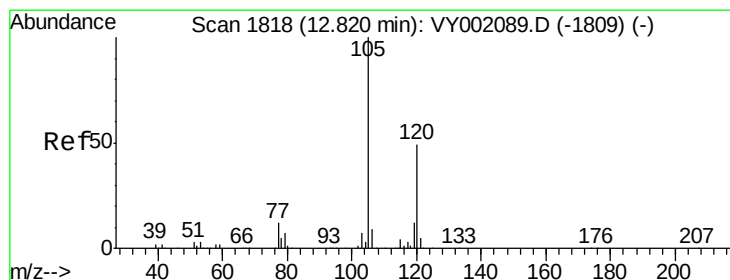
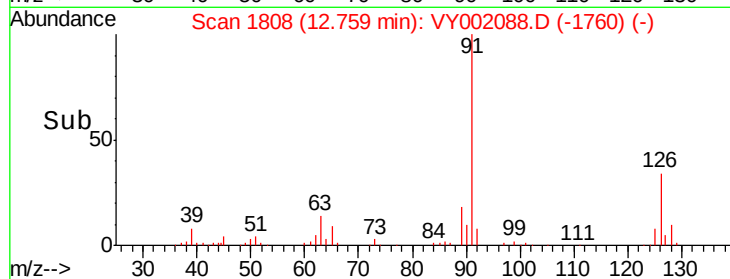
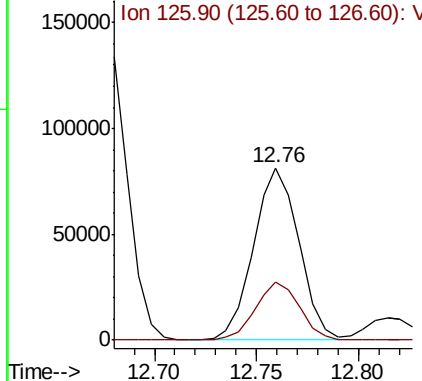
#79  
 2-Chlorotoluene  
 Concen: 18.727 ug/l  
 RT: 12.76 min Scan# 1808  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

Tot Ion: 91 Resp: 125879  
 Ion Ratio Lower Upper  
 91 100  
 126 33.2 16.4 49.1

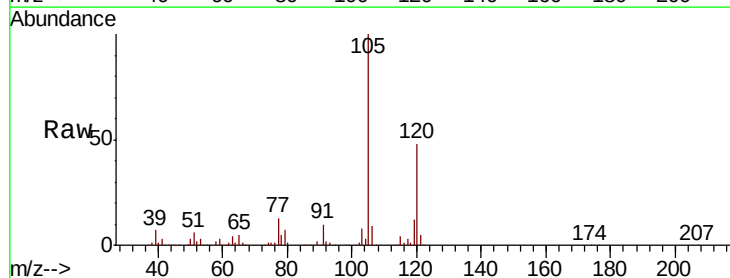


Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1802) (-)  
 Ion 125.90 (125.60 to 126.60): VY002089.D (-1802) (-)

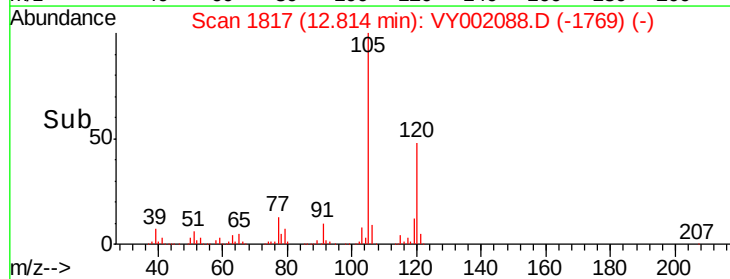
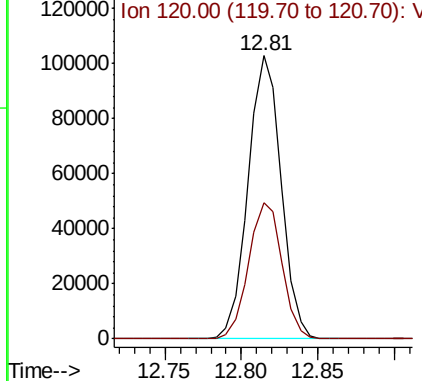


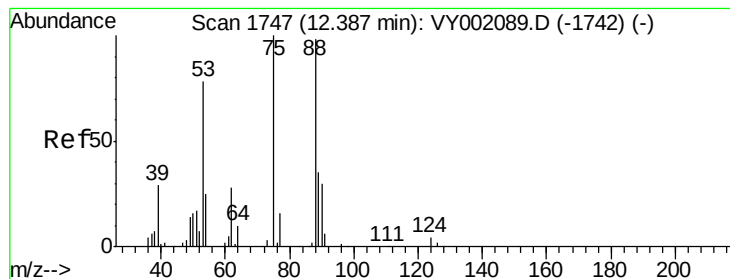
#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.009 ug/l  
 RT: 12.81 min Scan# 1817  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

Tgt Ion: 105 Resp: 154593  
 Ion Ratio Lower Upper  
 105 100  
 120 48.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VY002089.D (-1809) (-)  
 Ion 120.00 (119.70 to 120.70): VY002089.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.592 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

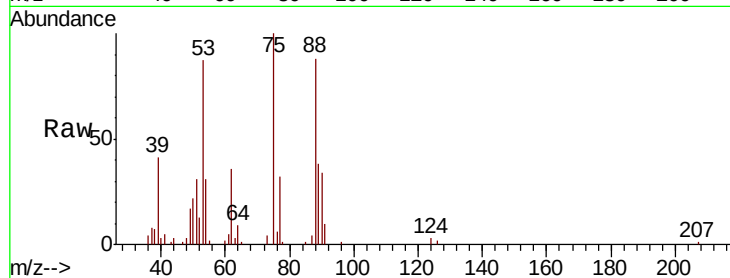
Tot Ion: 75 Resp: 14822

Ion Ratio Lower Upper

75 100

53 86.5 65.0 97.4

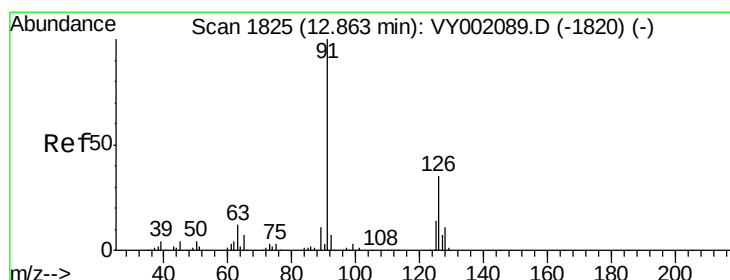
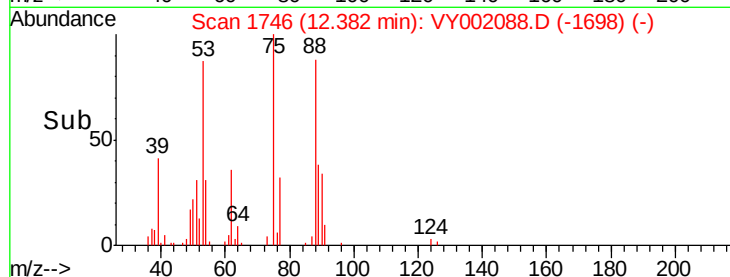
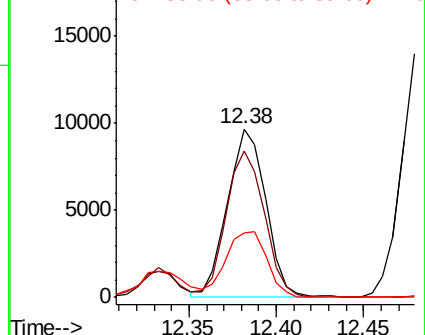
89 41.6 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 19.288 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002088.D

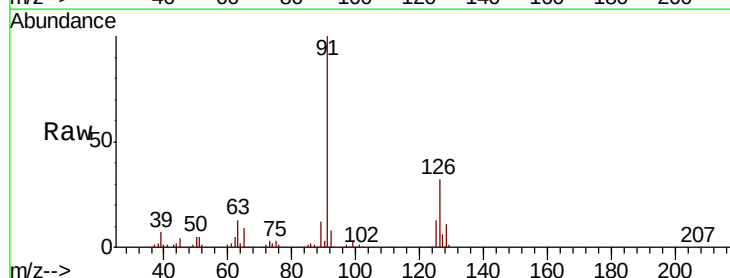
Acq: 26 Mar 2020 16:09

Tgt Ion: 91 Resp: 135176

Ion Ratio Lower Upper

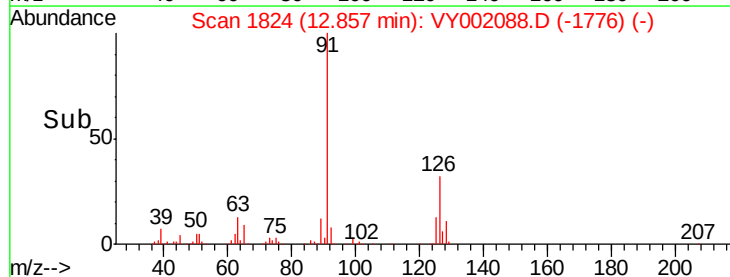
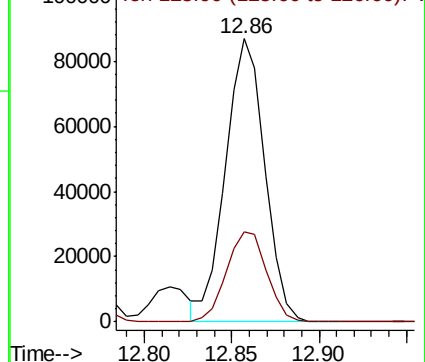
91 100

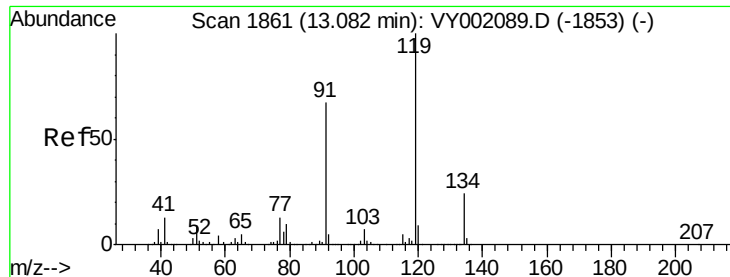
126 32.9 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.717 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

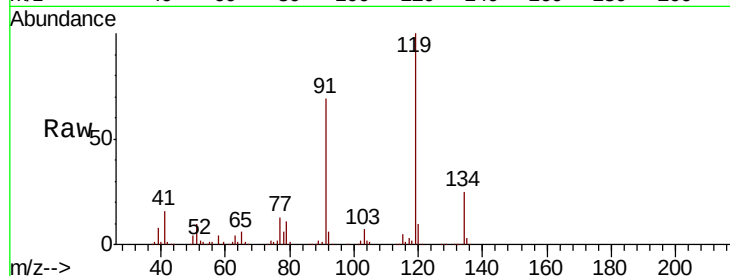
Tot Ion:119 Resp: 126804

Ion Ratio Lower Upper

119 100

91 68.9 32.9 98.6

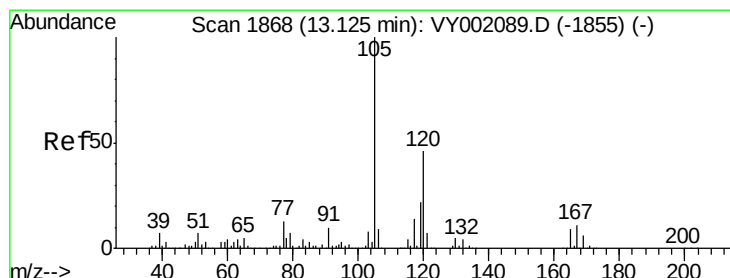
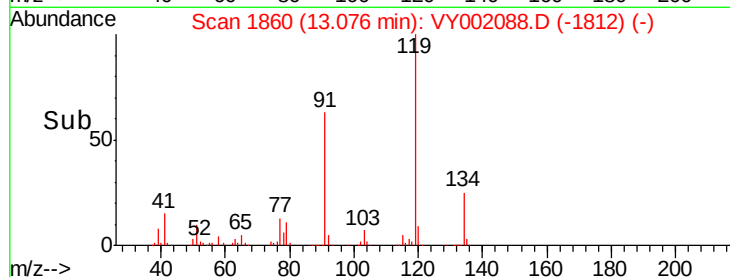
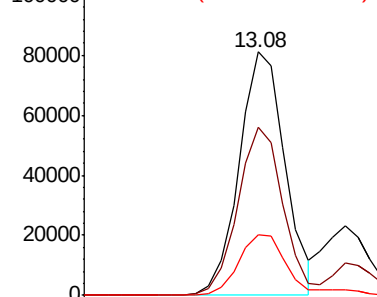
134 27.1 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.316 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VY002088.D

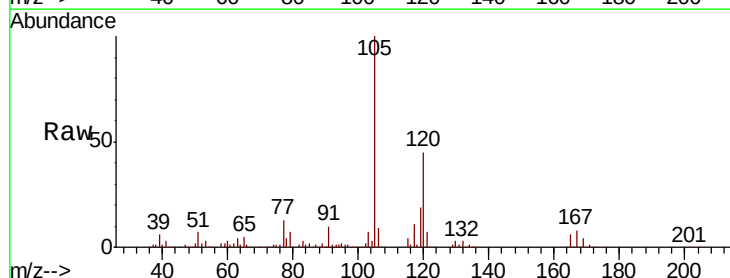
Acq: 26 Mar 2020 16:09

Tgt Ion:105 Resp: 155728

Ion Ratio Lower Upper

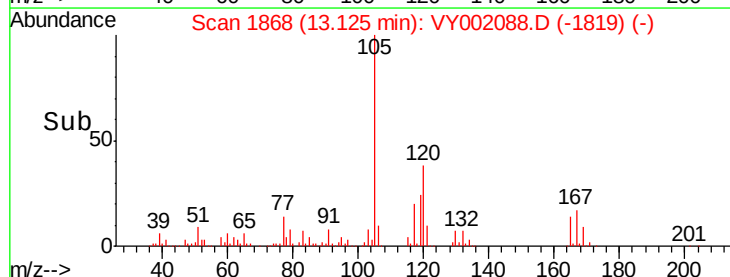
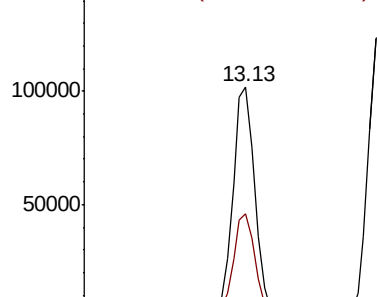
105 100

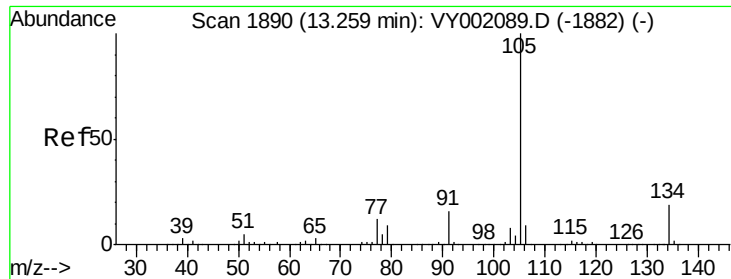
120 44.6 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.029 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampled :

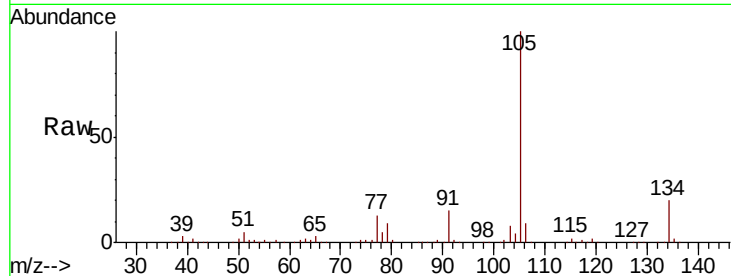
VSTDIC020

Tot Ion:105 Resp: 189536

Ion Ratio Lower Upper

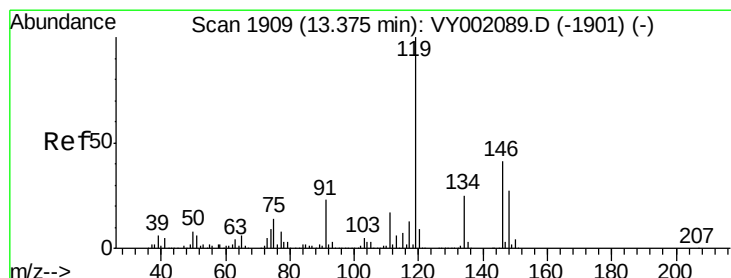
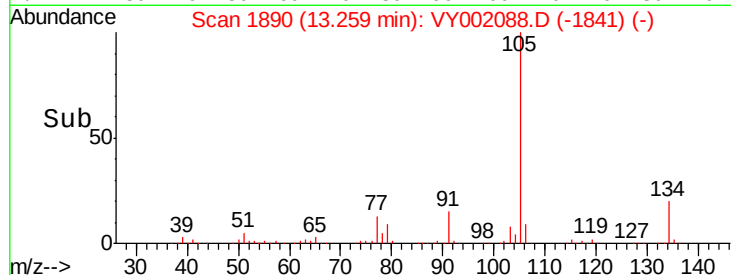
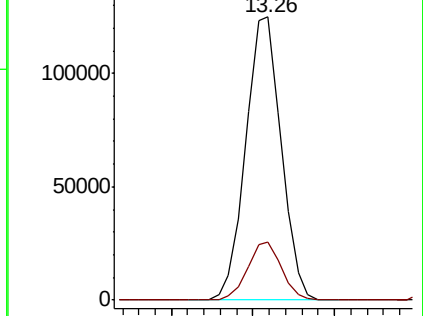
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.403 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

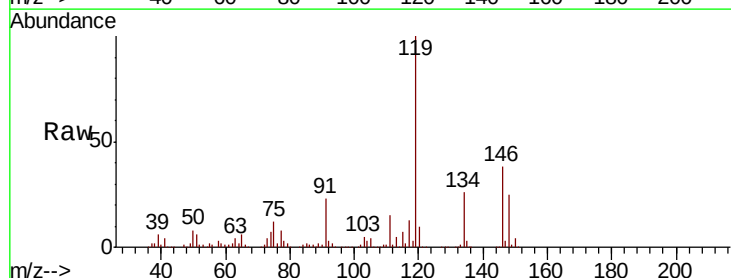
Tgt Ion:119 Resp: 166796

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

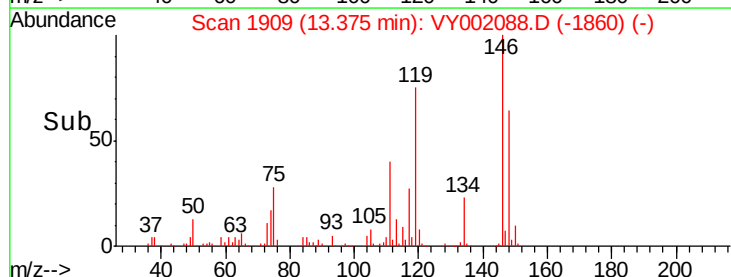
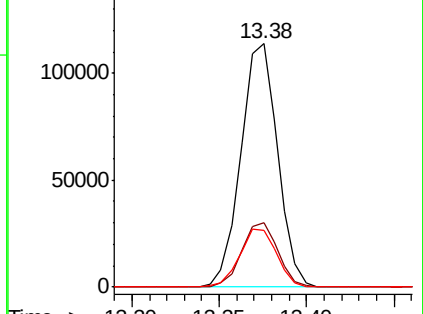
91 24.0 11.8 35.3

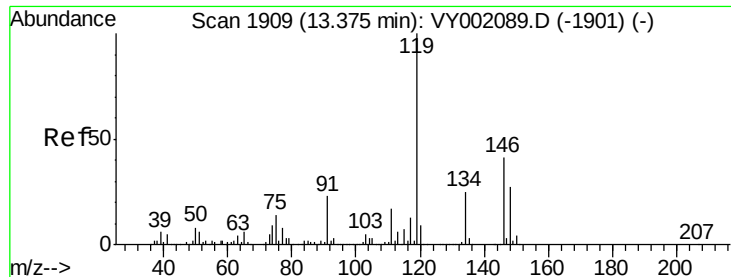


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

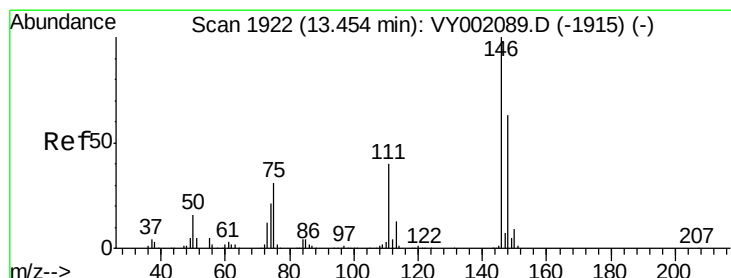
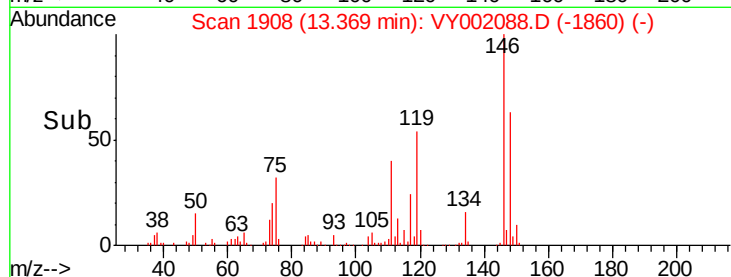
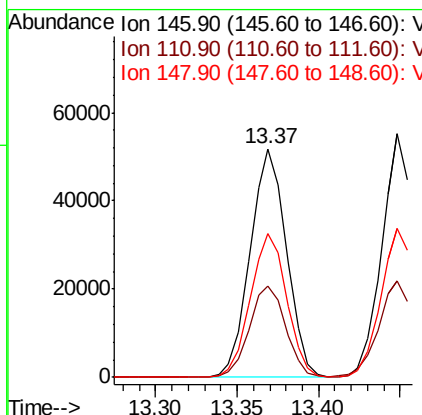
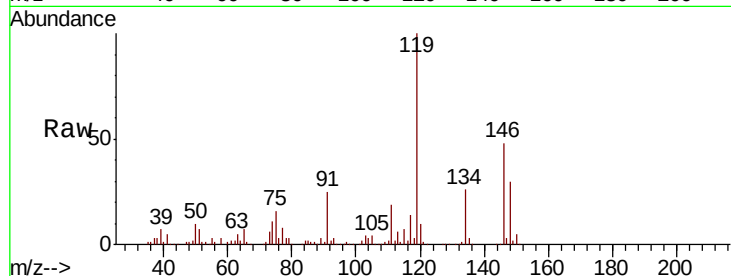




#87  
 1,3-Dichlorobenzene  
 Concen: 19.580 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

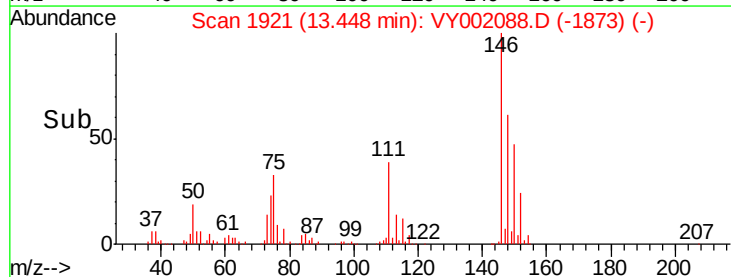
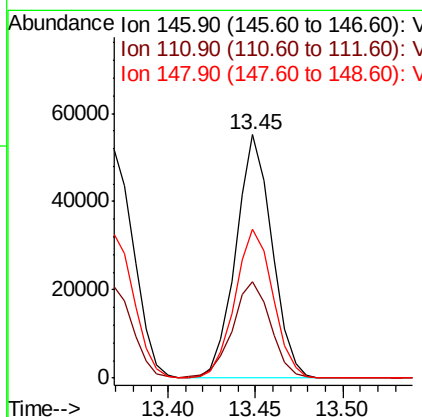
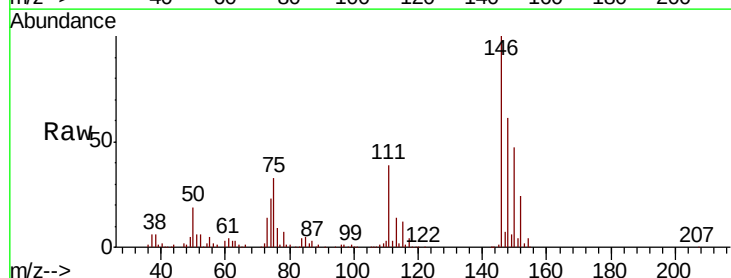
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

Tot Ion:146 Resp: 80198  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 20.9 62.8  
 148 62.7 32.1 96.5

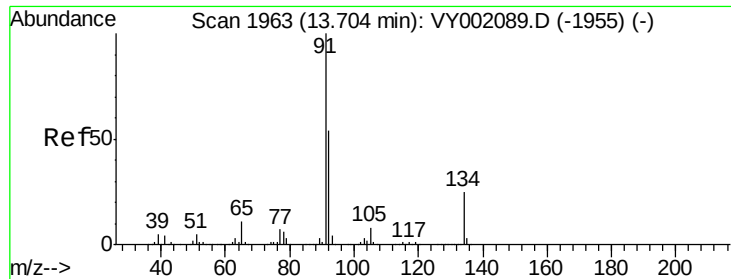


#88  
 1,4-Dichlorobenzene  
 Concen: 19.113 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

Tgt Ion:146 Resp: 79357  
 Ion Ratio Lower Upper  
 146 100  
 111 41.9 20.3 60.9  
 148 64.5 31.5 94.5







#89

n-Butylbenzene

Concen: 19.396 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002088.D

Acq: 26 Mar 2020 16:09

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC020

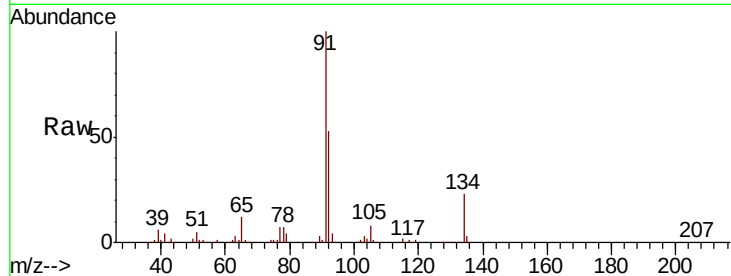
Tot Ion: 91 Resp: 173061

Ion Ratio Lower Upper

91 100

92 53.3 27.0 81.0

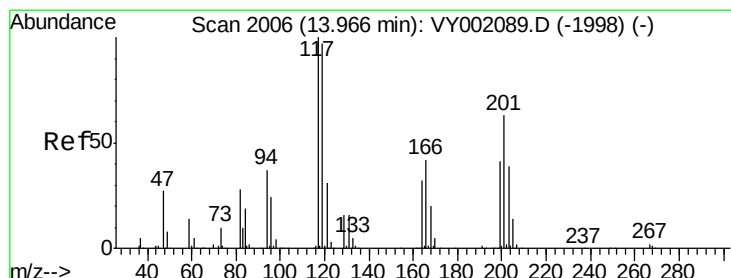
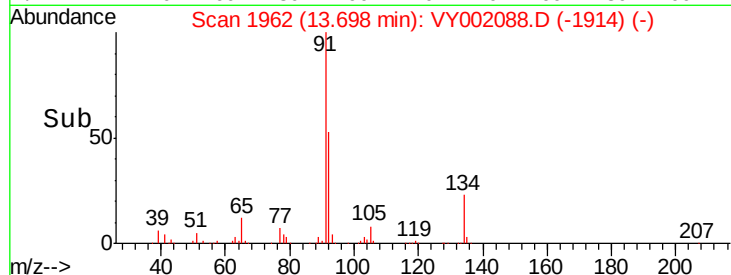
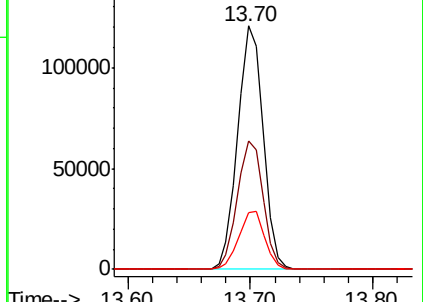
134 24.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002089.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002089.D (-1955) (-)



#90

Hexachloroethane

Concen: 18.913 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002088.D

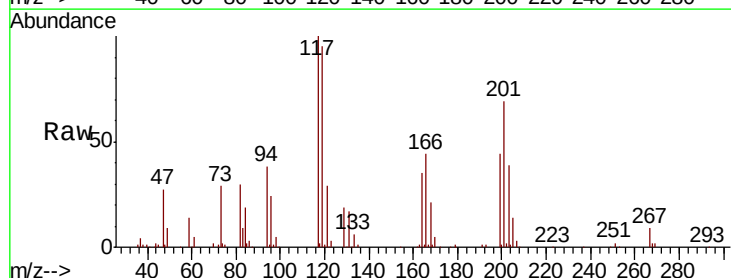
Acq: 26 Mar 2020 16:09

Tgt Ion: 117 Resp: 30663

Ion Ratio Lower Upper

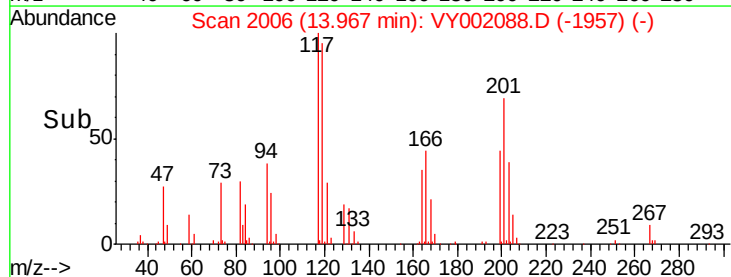
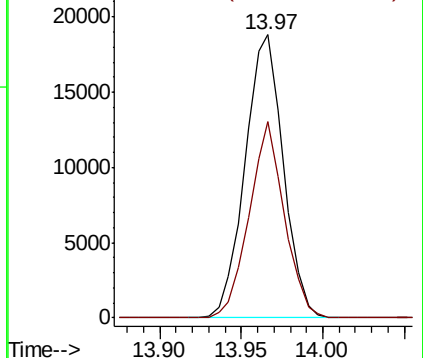
117 100

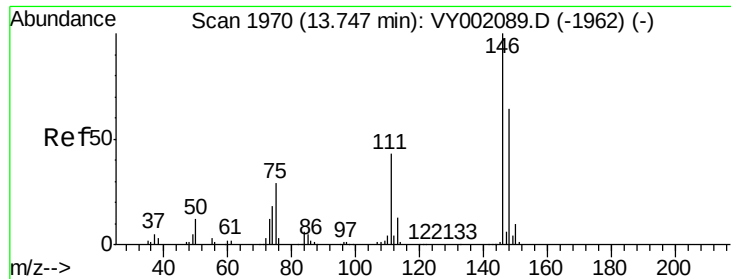
201 63.6 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002089.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002089.D (-1998) (-)

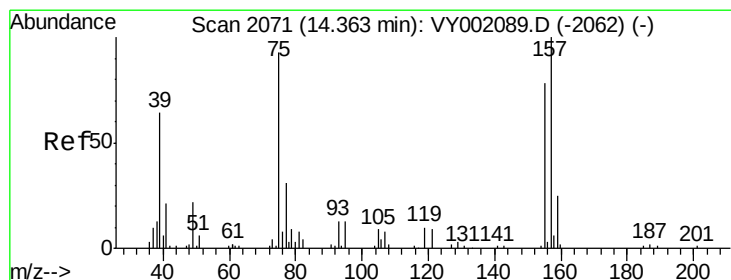
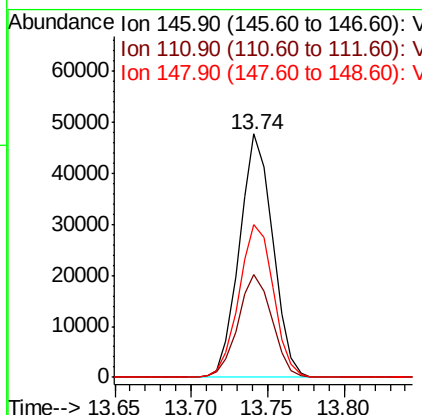
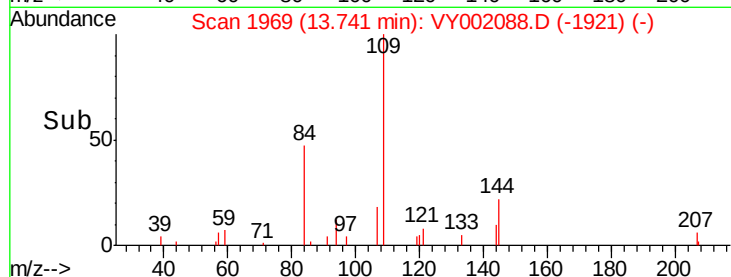
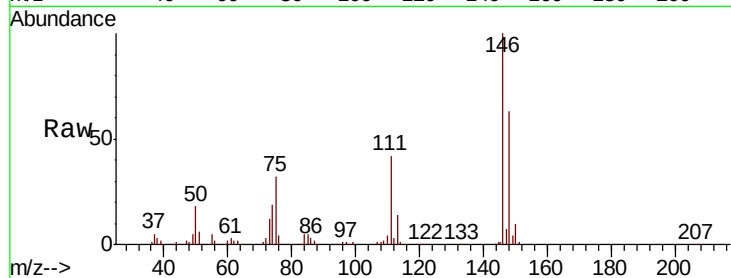




#91  
 1,2-Dichlorobenzene  
 Concen: 19.326 ug/l  
 RT: 13.74 min Scan# 1969  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

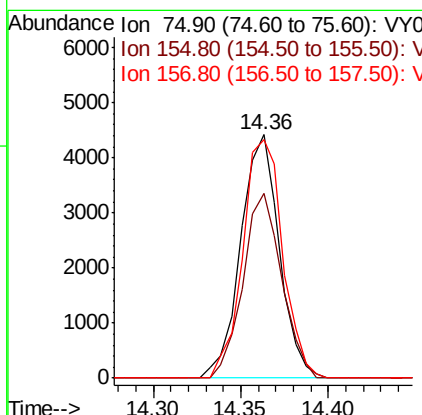
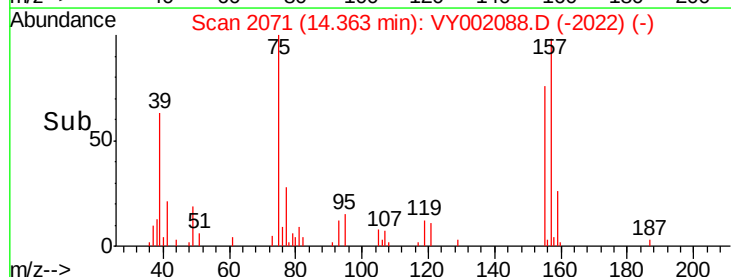
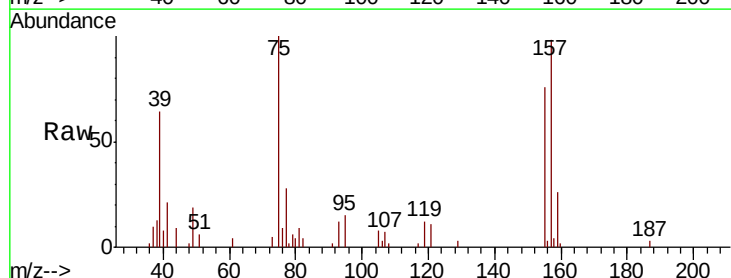
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

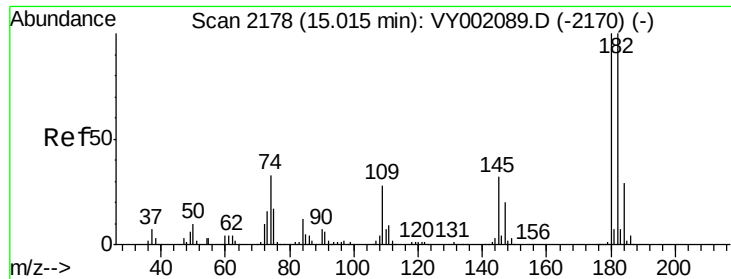
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 21.3  | 63.7  |
| 148     | 64.7  | 31.8  | 95.4  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.456 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 76.1  | 41.6  | 124.9 |
| 157     | 101.4 | 53.4  | 160.3 |

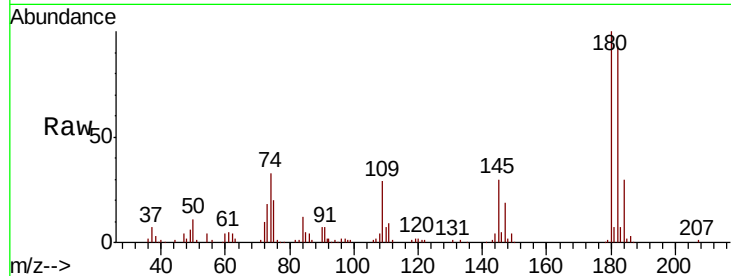




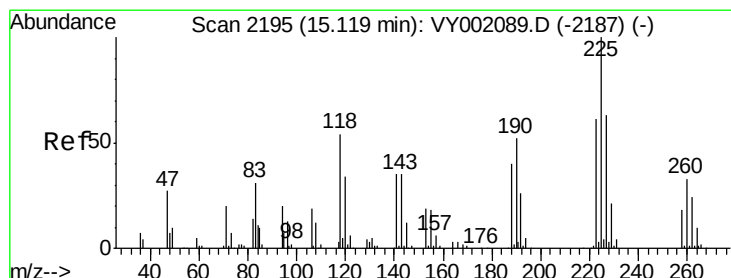
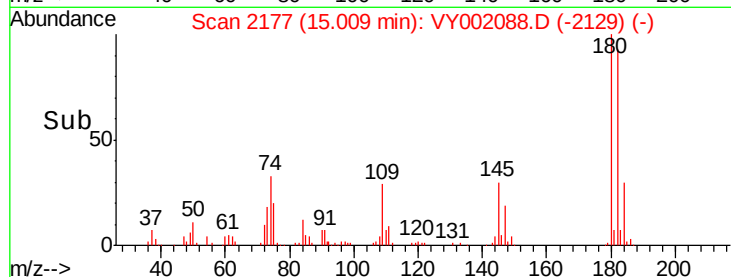
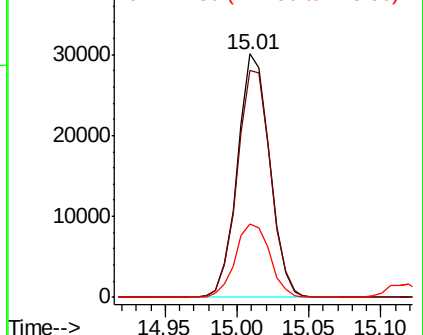
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.413 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. -0.01 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 48.1  | 144.3 |
| 145     | 32.3  | 15.9  | 47.6  |

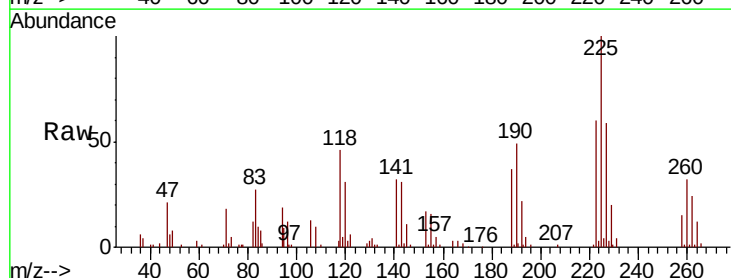


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

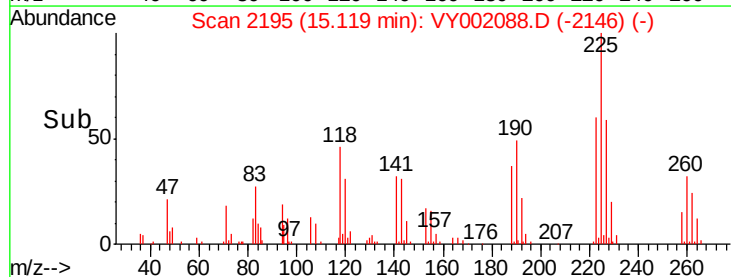
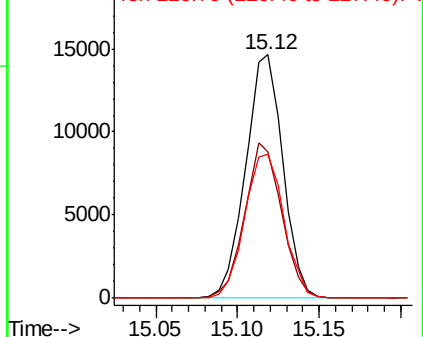


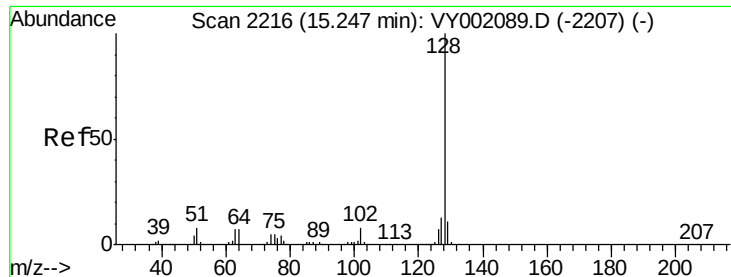
#94  
 Hexachlorobutadiene  
 Concen: 19.713 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. 0.00 min  
 Lab File: VY002088.D  
 Acq: 26 Mar 2020 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.4  | 31.1  | 93.3  |
| 227     | 62.1  | 31.6  | 94.7  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

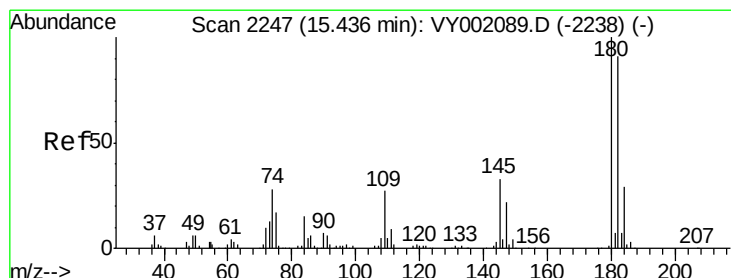
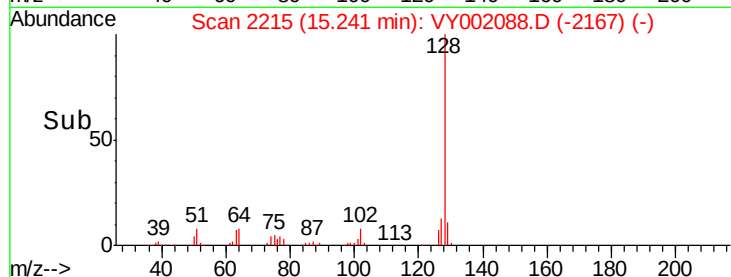
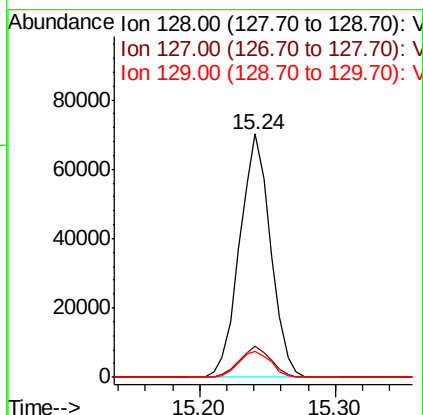
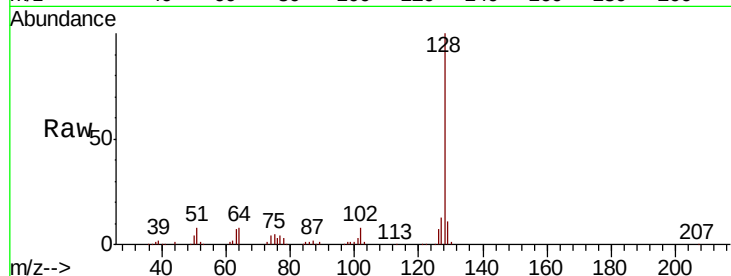




#95  
Naphthalene  
Concen: 19.458 ug/l  
RT: 15.24 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC020

Tot Ion:128 Resp: 111275  
Ion Ratio Lower Upper  
128 100  
127 13.1 9.8 14.8  
129 11.2 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.835 ug/l  
RT: 15.43 min Scan# 2246  
Delta R.T. -0.01 min  
Lab File: VY002088.D  
Acq: 26 Mar 2020 16:09

Tgt Ion:180 Resp: 42315  
Ion Ratio Lower Upper  
180 100  
182 94.4 46.8 140.3  
145 33.2 16.7 50.1

