

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\  
 Data File : VY002759.D  
 Acq On : 27 May 2020 12:37  
 Operator : SY/MD  
 Sample : VSTDIC100  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

Quant Time: May 27 12:57:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y052720S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 12:34:34 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 304910   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 449869   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 415851   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 220432   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 255852   | 106.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 212.24% |      |
| 35) Dibromofluoromethane  | 7.72   | 113 | 261249   | 104.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 208.80% |      |
| 50) Toluene-d8            | 10.18  | 98  | 1057532  | 105.14 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 210.28% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 360167   | 103.80 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 207.60% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 215387  | 99.650  | ug/l | 97     |
| 3) Chloromethane              | 2.12 | 50  | 234884  | 95.626  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.26 | 62  | 259503  | 101.129 | ug/l | 99     |
| 5) Bromomethane               | 2.64 | 94  | 175454  | 92.190  | ug/l | 98     |
| 6) Chloroethane               | 2.79 | 64  | 157494  | 95.886  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 432155  | 98.941  | ug/l | 99     |
| 8) Diethyl Ether              | 3.53 | 74  | 159006  | 105.974 | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 260598  | 98.253  | ug/l | 97     |
| 10) Methyl Iodide             | 4.10 | 142 | 390509  | 107.671 | ug/l | 100    |
| 11) Tert butyl alcohol        | 4.97 | 59  | 130157  | 523.447 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 259468  | 97.822  | ug/l | 99     |
| 13) Acrolein                  | 3.74 | 56  | 137105  | 481.012 | ug/l | 100    |
| 14) Allyl chloride            | 4.49 | 41  | 381417  | 99.899  | ug/l | 99     |
| 15) Acrylonitrile             | 5.18 | 53  | 371726  | 543.332 | ug/l | 100    |
| 16) Acetone                   | 3.96 | 43  | 300664  | 588.366 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.20 | 76  | 782828  | 94.873  | ug/l | 98     |
| 18) Methyl Acetate            | 4.49 | 43  | 148127  | 104.608 | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 714429  | 107.166 | ug/l | 100    |
| 20) Methylene Chloride        | 4.72 | 84  | 287097  | 96.931  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 295319  | 100.101 | ug/l | 97     |
| 22) Diisopropyl ether         | 6.13 | 45  | 779474  | 102.586 | ug/l | 96     |
| 23) Vinyl Acetate             | 6.07 | 43  | 2604703 | 531.305 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.03 | 63  | 456692  | 100.774 | ug/l | 99     |
| 25) 2-Butanone                | 6.99 | 43  | 460751  | 552.529 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 423491  | 99.900  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96  | 329803  | 103.049 | ug/l | 99     |
| 28) Bromochloromethane        | 7.34 | 49  | 180831  | 99.790  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.35 | 42  | 299732  | 533.824 | ug/l | 99     |
| 30) Chloroform                | 7.52 | 83  | 491494  | 104.236 | ug/l | 97     |
| 31) Cyclohexane               | 7.79 | 56  | 432184  | 94.461  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 453151  | 103.836 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 384514  | 101.436 | ug/l | 99     |
| 37) Ethyl Acetate             | 7.08 | 43  | 199858  | 106.079 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 431857  | 105.833 | ug/l | 99     |

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 Sample : VSTDICC100  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC100

Quant Time: May 27 12:57:42 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y052720S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 12:34:34 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 516589   | 101.933  | ug/l   | 98       |
| 40) Benzene                    | 8.16  | 78   | 1144948  | 103.515  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.35  | 41   | 275406   | 250.449  | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 315627   | 107.423  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 390849   | 111.085  | ug/l   | 100      |
| 44) Trichloroethene            | 8.94  | 130  | 355779   | 101.070  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 273325   | 103.637  | ug/l   | 100      |
| 46) Dibromomethane             | 9.31  | 93   | 160378   | 107.794  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 389772   | 107.748  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 179080   | 110.976  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 47775    | 2301.064 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 1014592  | 556.516  | ug/l   | 99       |
| 52) Toluene                    | 10.24 | 92   | 746972   | 104.037  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 426035   | 109.838  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 478227   | 106.846  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 240086   | 107.503  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 335924   | 113.372  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 403182   | 108.507  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 759579   | 522.026  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.83 | 43   | 728527   | 570.446  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 316249   | 111.405  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 239281   | 108.948  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.72 | 164  | 385177   | 98.736   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.52 | 112  | 842462   | 104.891  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 323335   | 108.062  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.59 | 91   | 1479744  | 105.188  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 1146147  | 209.370  | ug/l   | 100      |
| 69) o-Xylene                   | 12.03 | 106  | 536360   | 104.226  | ug/l   | 98       |
| 70) Styrene                    | 12.04 | 104  | 943086   | 106.588  | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 211832   | 113.519  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.33 | 105  | 1476485  | 103.198  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 375315   | 110.241  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 248743   | 114.516  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 372101   | 204.030  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 378324   | 105.146  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.67 | 91   | 1698302  | 102.047  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 946265   | 102.395  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 1234243  | 102.655  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 106802   | 109.804  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 990726   | 102.029  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 1100229  | 103.121  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 1232640  | 102.416  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 1491386  | 101.550  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 1402010  | 102.121  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 708281   | 102.075  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 708114   | 102.511  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.69 | 91   | 1253490  | 99.406   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.96 | 117  | 264789   | 103.857  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.73 | 146  | 642486   | 102.951  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 48167    | 115.467  | ug/l   | 97       |

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Operator : SY/MD  
Sample : VSTDICC100  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

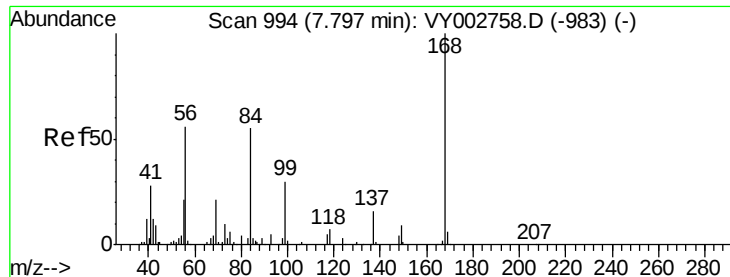
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC100

Quant Time: May 27 12:57:42 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y052720S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 27 12:34:34 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 481977   | 99.774  | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 274939   | 94.696  | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 967441   | 110.522 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 431044   | 102.214 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

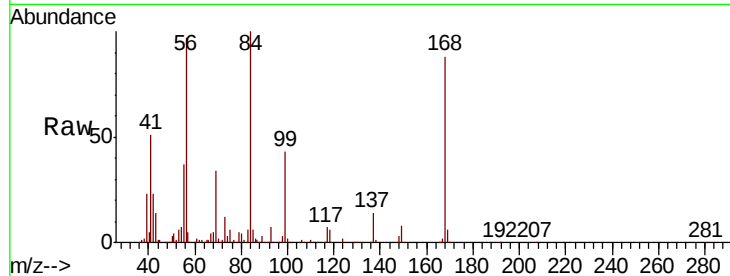
VSTDICC100

Tot Ion:168 Resp: 304910

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002759.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002759.D (-983) (-)

7.80

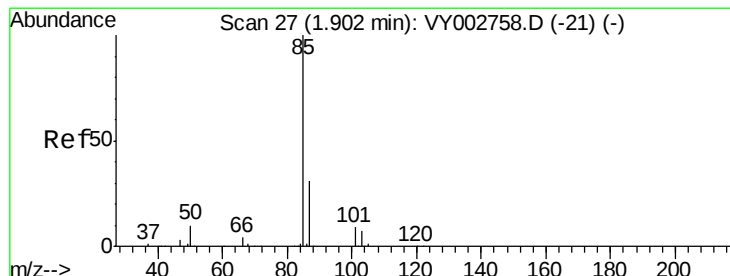
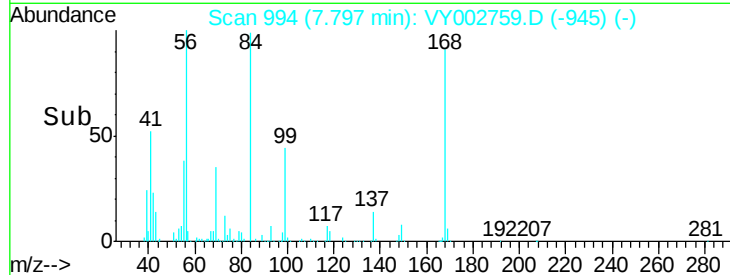
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 99.650 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002759.D

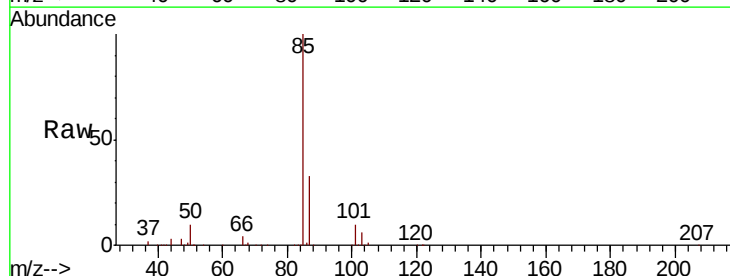
Acq: 27 May 2020 12:37

Tgt Ion: 85 Resp: 215387

Ion Ratio Lower Upper

85 100

87 32.7 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002759.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002759.D (-21) (-)

1.90

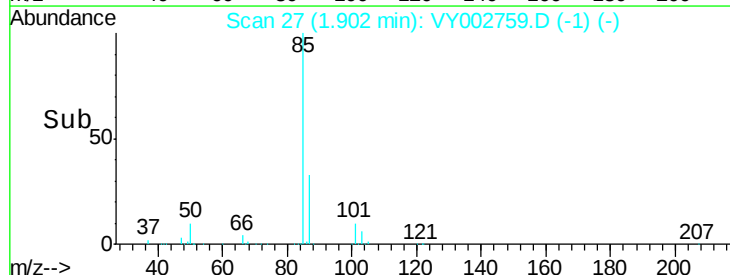
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 95.626 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

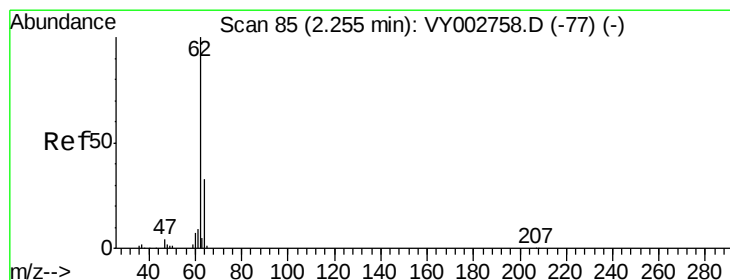
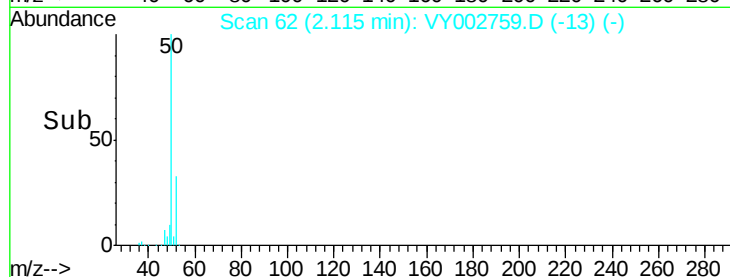
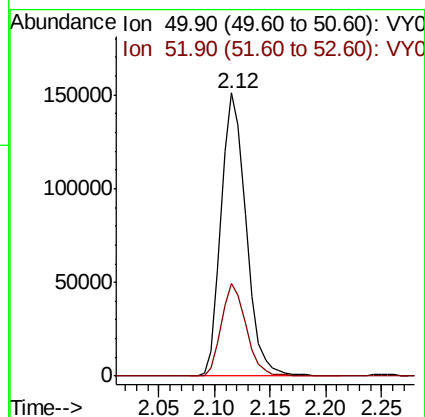
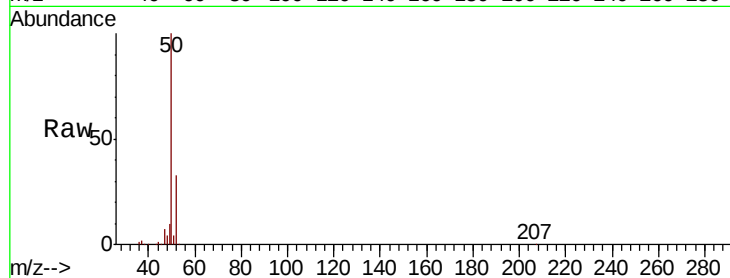
VSTDIC100

Tot Ion: 50 Resp: 234884

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 101.129 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002759.D

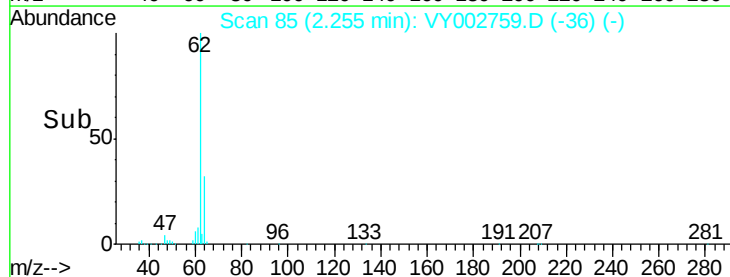
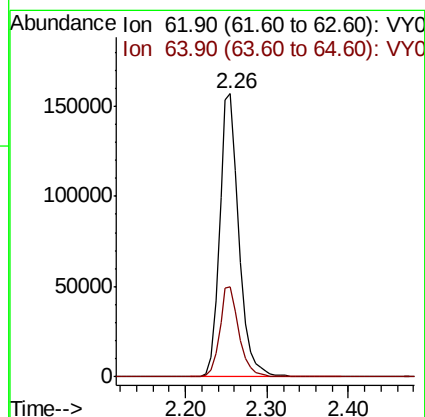
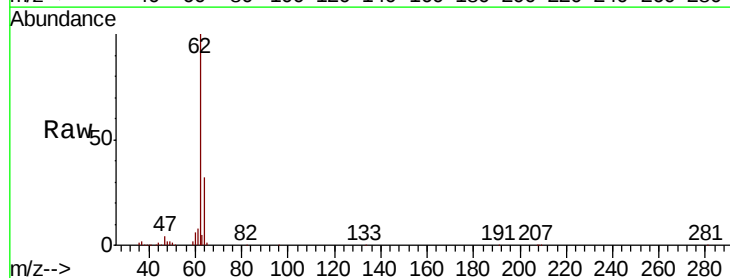
Acq: 27 May 2020 12:37

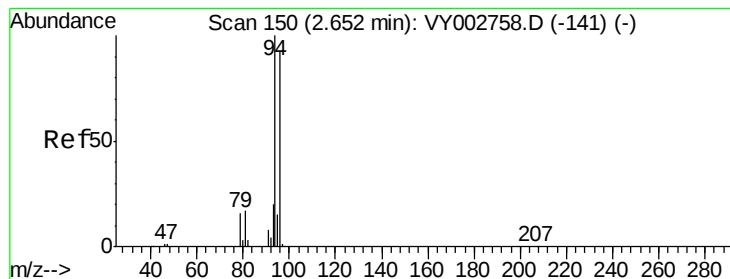
Tgt Ion: 62 Resp: 259503

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1





#5

Bromomethane

Concen: 92.190 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

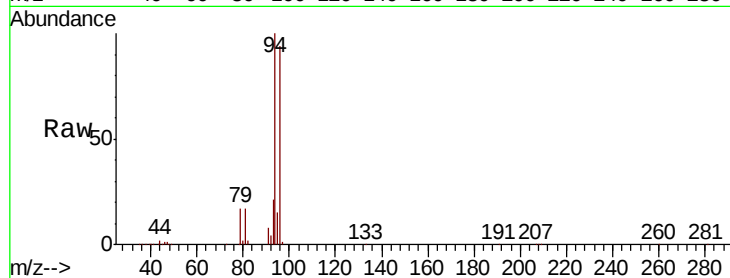
VSTDIC100

Tot Ion: 94 Resp: 175454

Ion Ratio Lower Upper

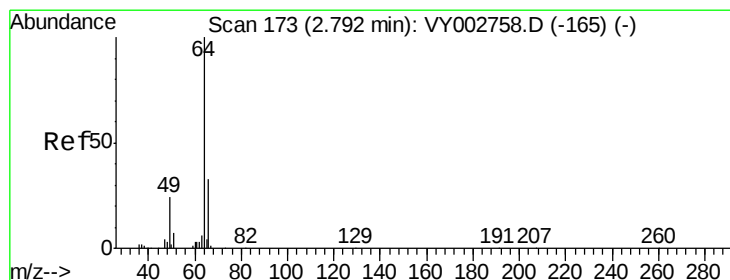
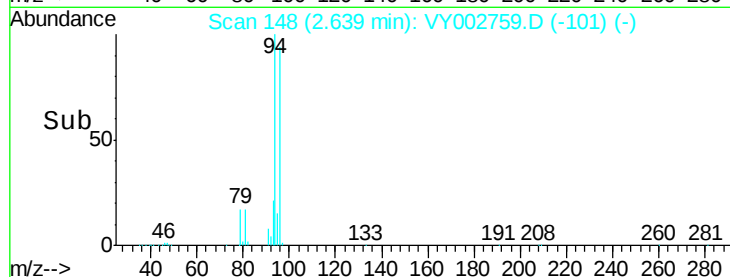
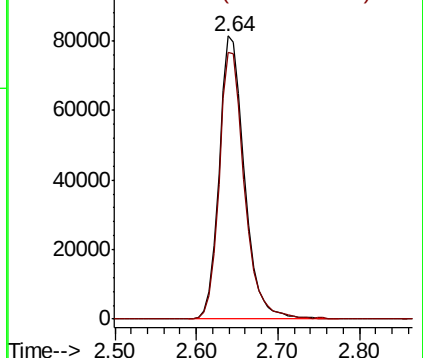
94 100

96 94.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 95.886 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002759.D

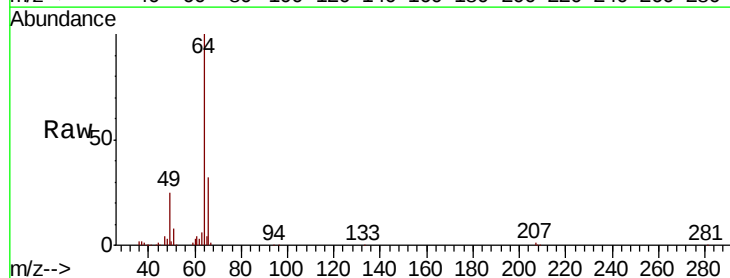
Acq: 27 May 2020 12:37

Tgt Ion: 64 Resp: 157494

Ion Ratio Lower Upper

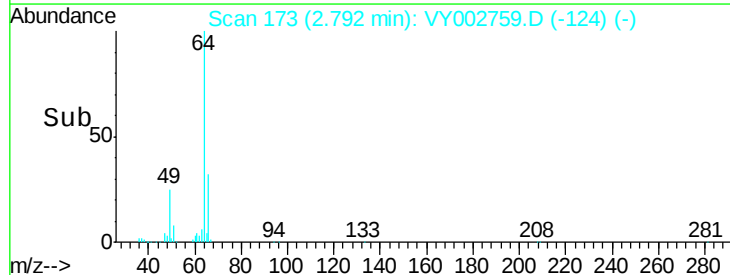
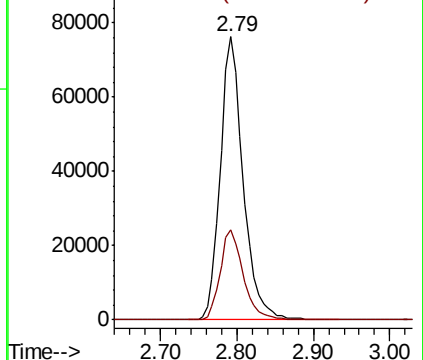
64 100

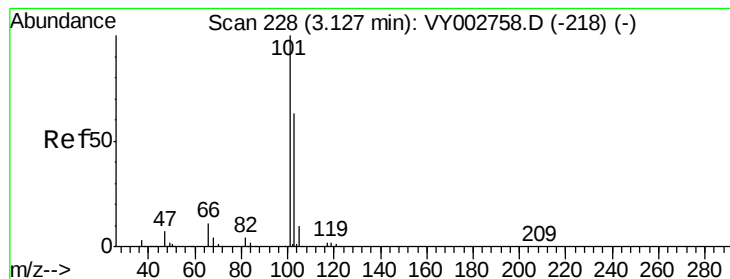
66 32.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



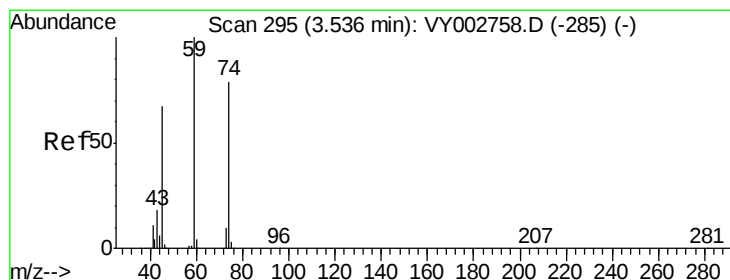
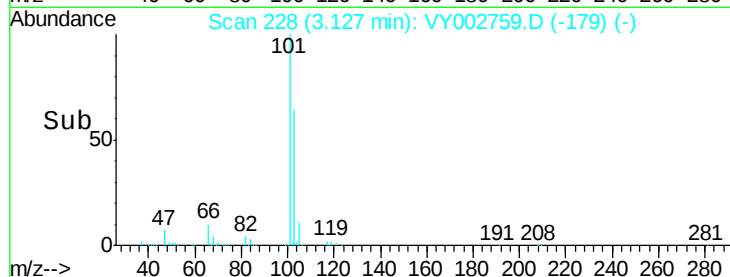
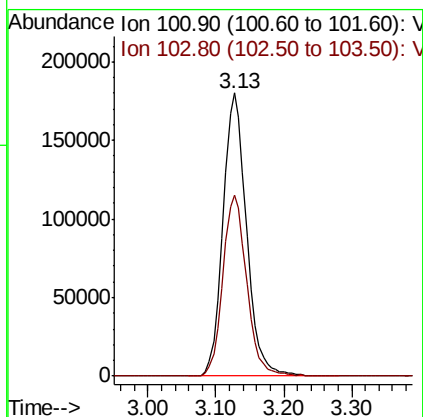
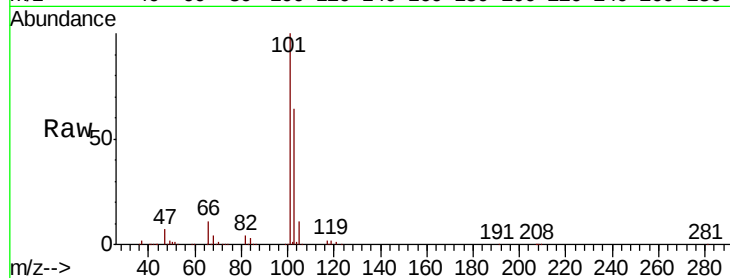


#7

Trichlorofluoromethane  
 Concen: 98.941 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

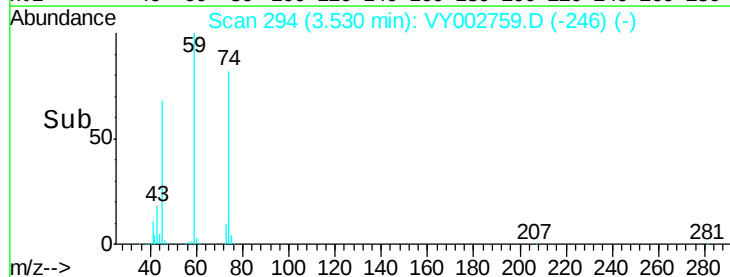
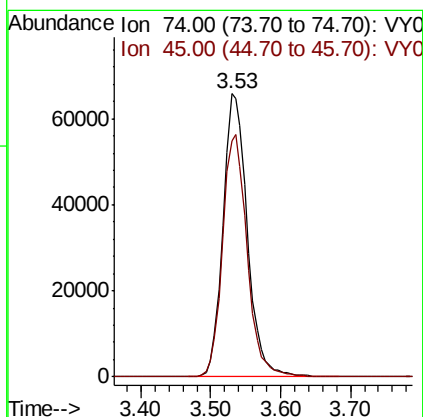
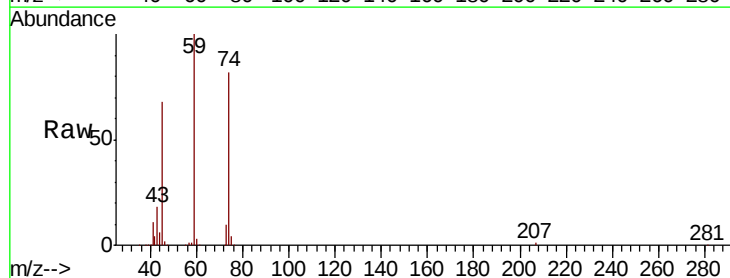
Tot Ion:101 Resp: 432155  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 50.6 76.0

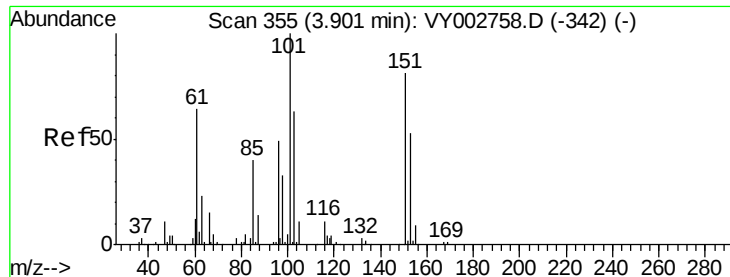


#8

Diethyl Ether  
 Concen: 105.974 ug/l  
 RT: 3.53 min Scan# 294  
 Delta R.T. -0.01 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Tgt Ion: 74 Resp: 159006  
 Ion Ratio Lower Upper  
 74 100  
 45 86.8 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.253 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

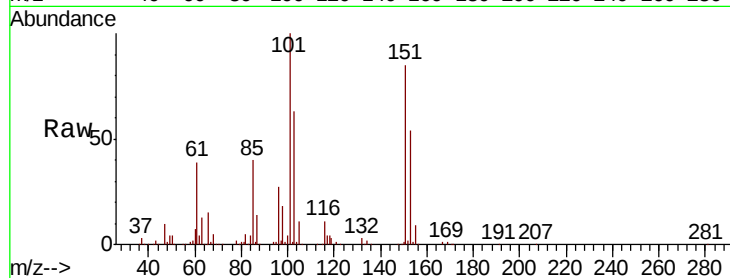
Tot Ion:101 Resp: 260598

Ion Ratio Lower Upper

101 100

85 42.1 32.7 49.1

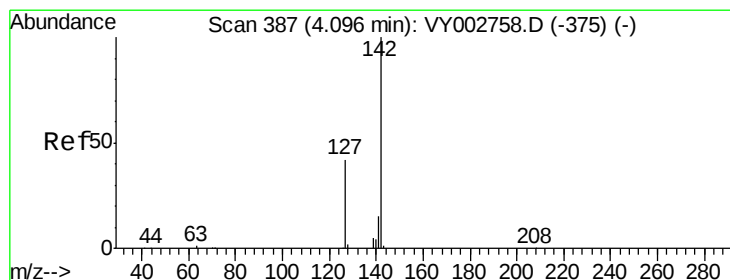
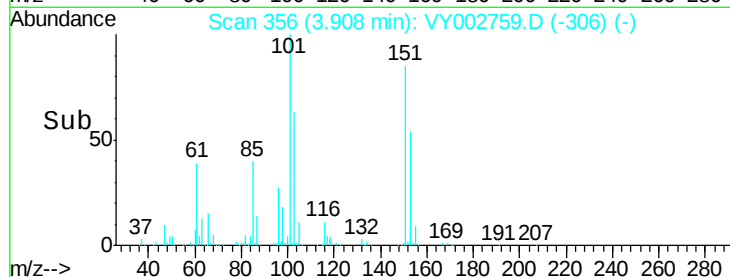
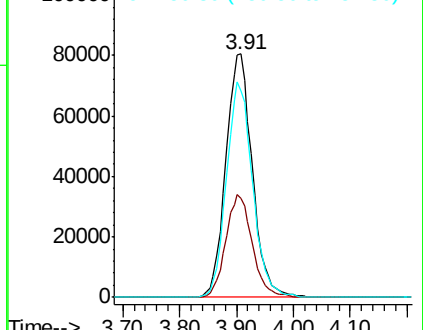
151 87.6 68.0 102.0



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: 107.671 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

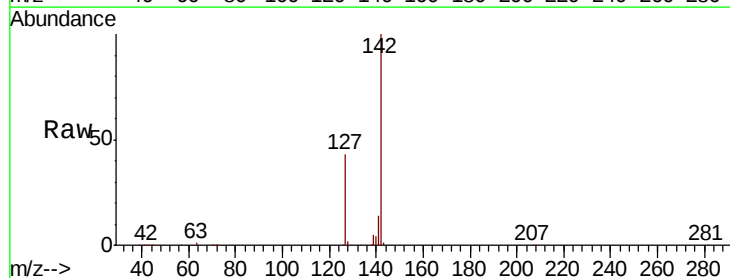
Tgt Ion:142 Resp: 390509

Ion Ratio Lower Upper

142 100

127 41.9 33.3 49.9

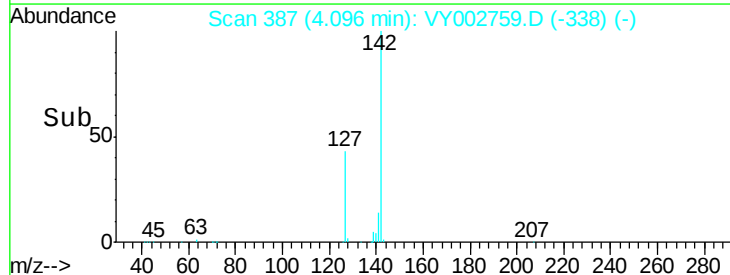
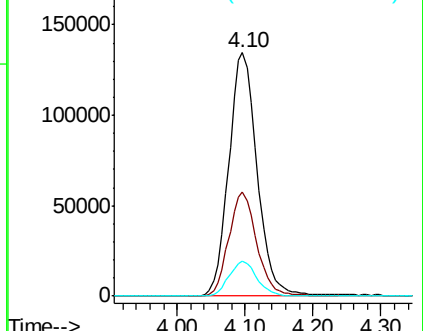
141 14.2 11.5 17.3



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



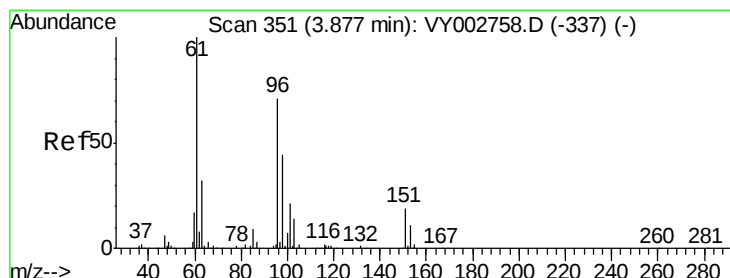
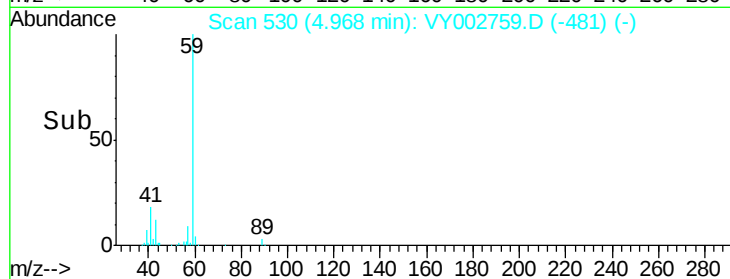
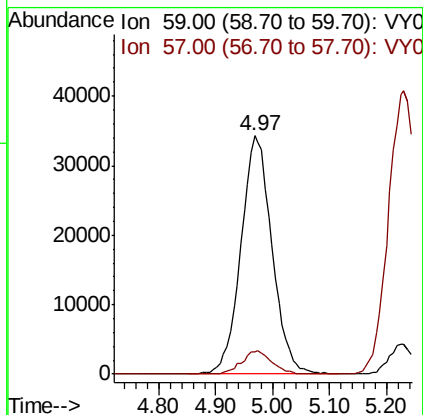
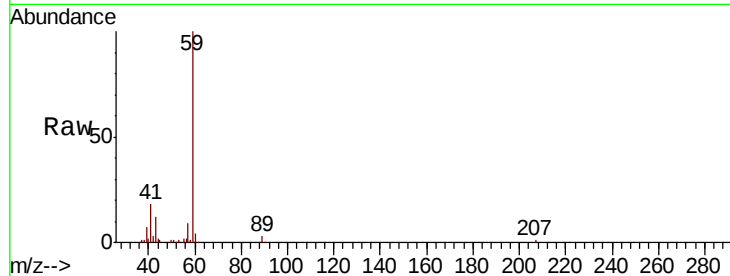


#11

Tert butyl alcohol  
 Concen: 523.447 ug/l  
 RT: 4.97 min Scan# 530  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

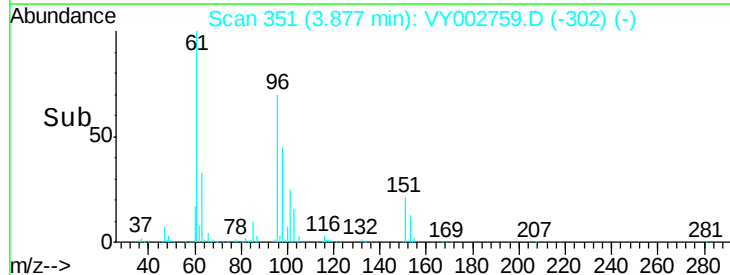
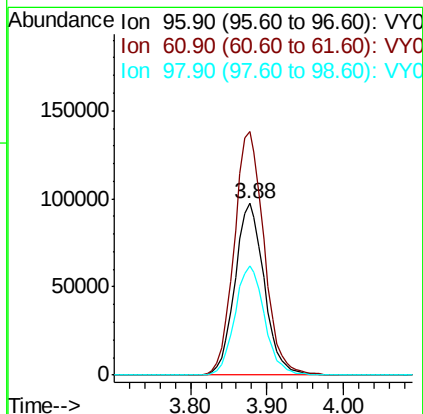
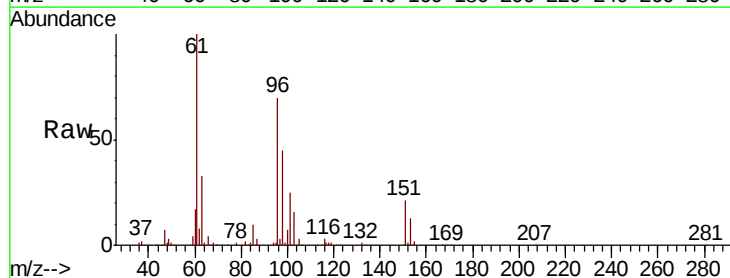
Tot Ion: 59 Resp: 130157  
 Ion Ratio Lower Upper  
 59 100  
 57 9.5 7.7 11.5

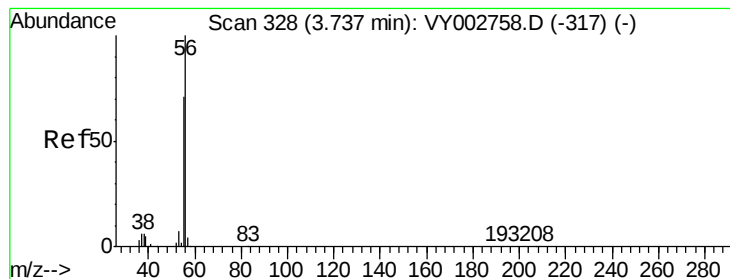


#12

1,1-Dichloroethene  
 Concen: 97.822 ug/l  
 RT: 3.88 min Scan# 351  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Tgt Ion: 96 Resp: 259468  
 Ion Ratio Lower Upper  
 96 100  
 61 141.9 112.6 168.8  
 98 63.7 50.0 75.0





#13

Acrolein

Concen: 481.012 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

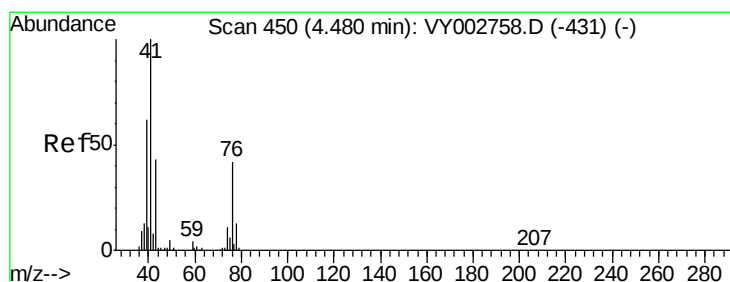
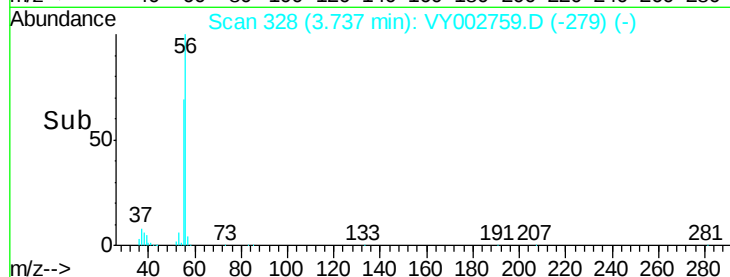
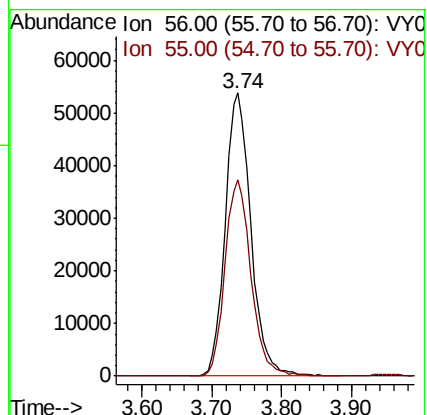
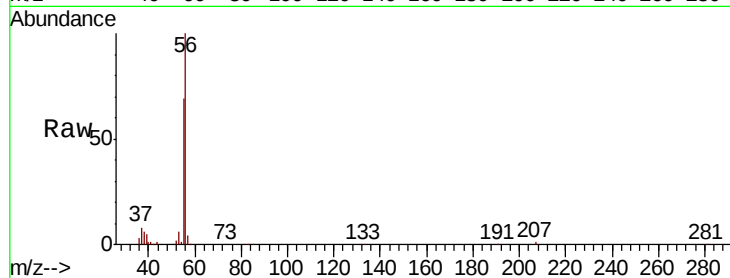
VSTDIC100

Tot Ion: 56 Resp: 137105

Ion Ratio Lower Upper

56 100

55 70.3 56.0 84.0



#14

Allyl chloride

Concen: 99.899 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

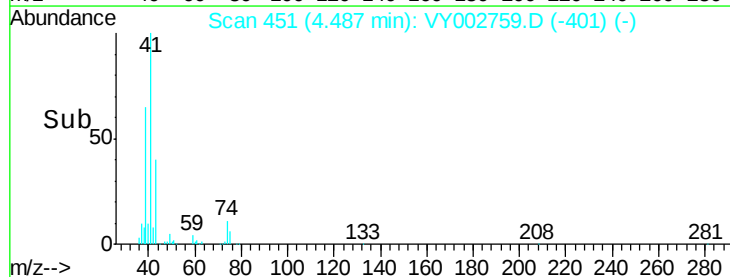
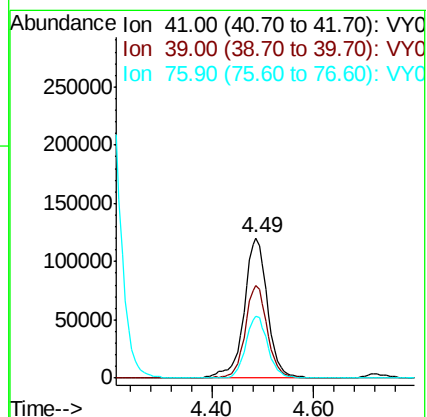
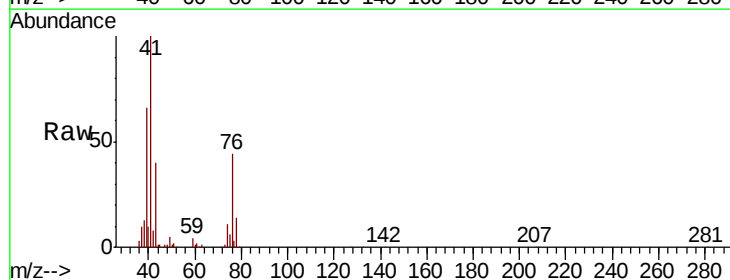
Tgt Ion: 41 Resp: 381417

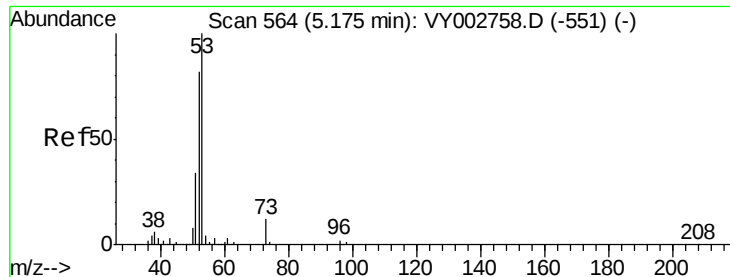
Ion Ratio Lower Upper

41 100

39 63.1 49.9 74.9

76 41.7 33.2 49.8





#15

Acrylonitrile

Concen: 543.332 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

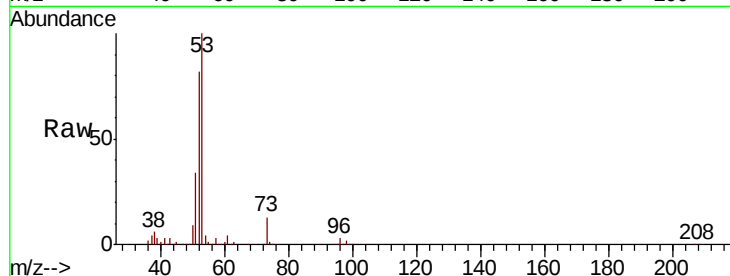
Tot Ion: 53 Resp: 371726

Ion Ratio Lower Upper

53 100

52 81.4 65.3 97.9

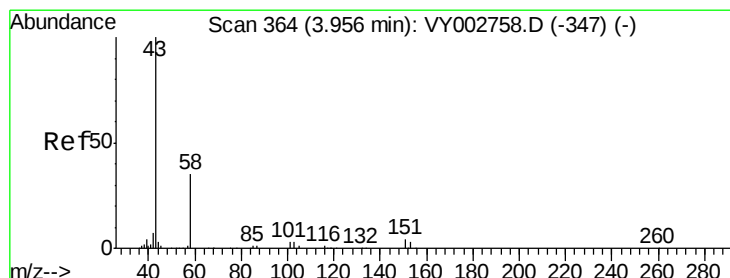
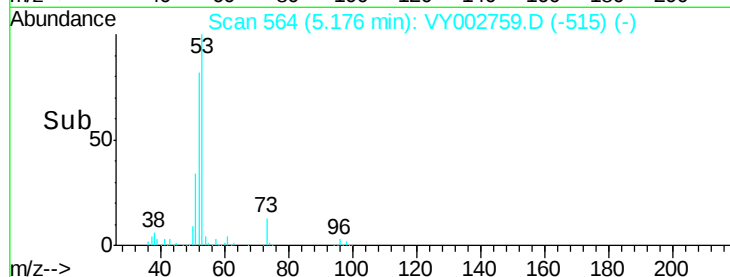
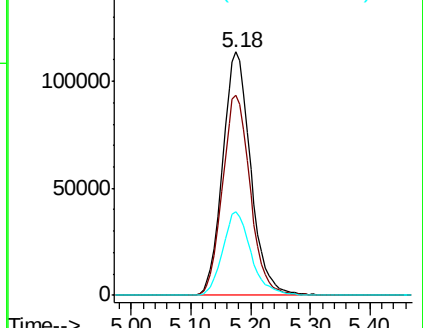
51 34.9 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002759.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002759.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002759.D (-515) (-)



#16

Acetone

Concen: 588.366 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002759.D

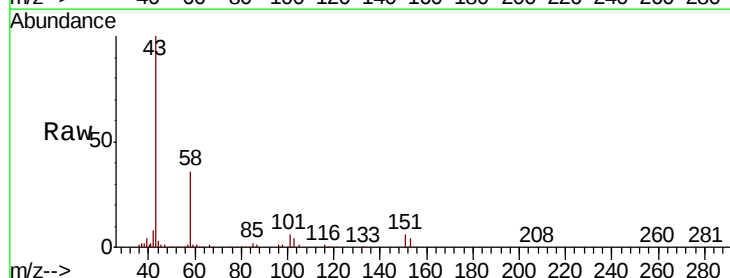
Acq: 27 May 2020 12:37

Tgt Ion: 43 Resp: 300664

Ion Ratio Lower Upper

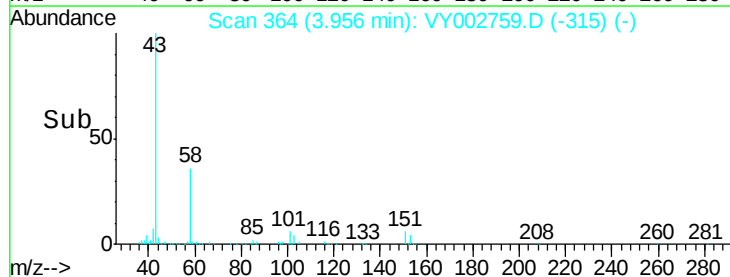
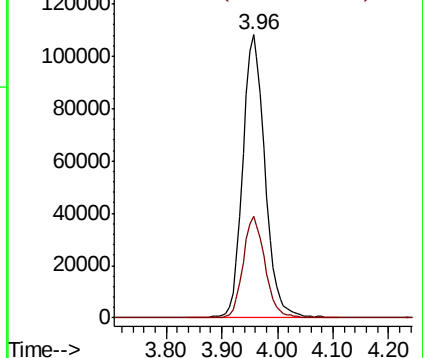
43 100

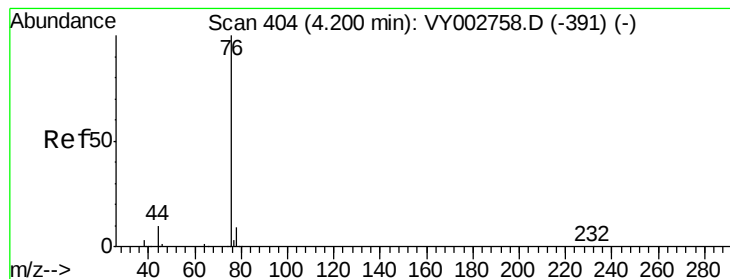
58 36.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002759.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002759.D (-315) (-)





#17

Carbon Disulfide

Concen: 94.873 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

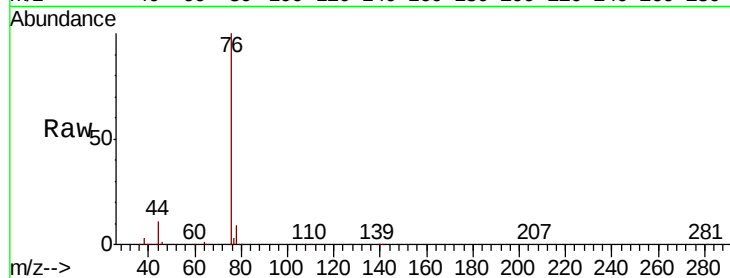
VSTDIC100

Tot Ion: 76 Resp: 782828

Ion Ratio Lower Upper

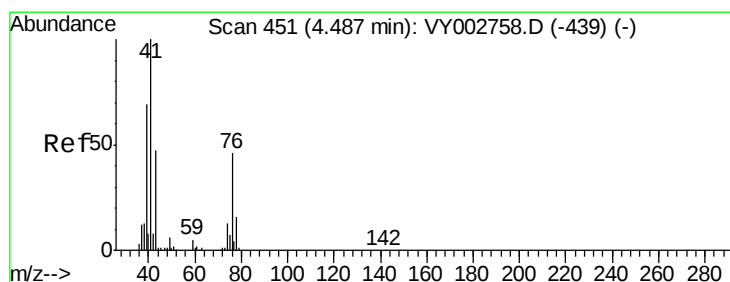
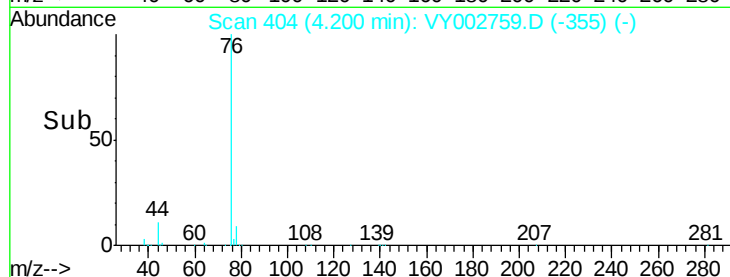
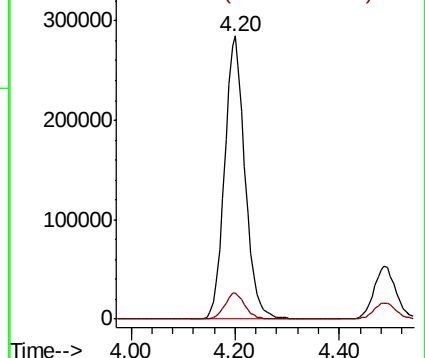
76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 104.608 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002759.D

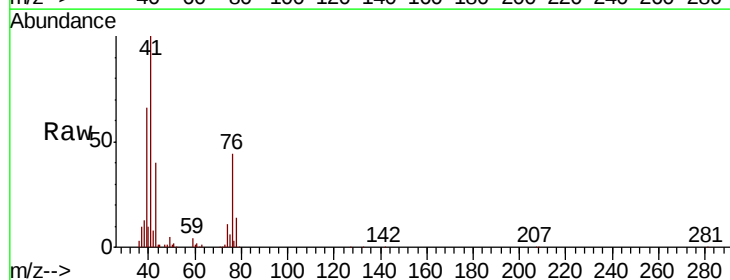
Acq: 27 May 2020 12:37

Tgt Ion: 43 Resp: 148127

Ion Ratio Lower Upper

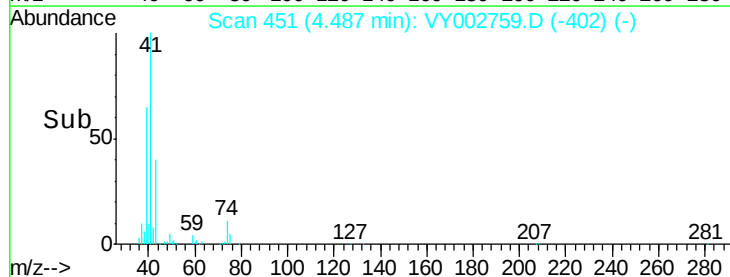
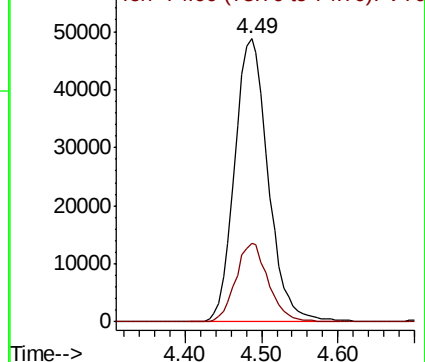
43 100

74 26.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



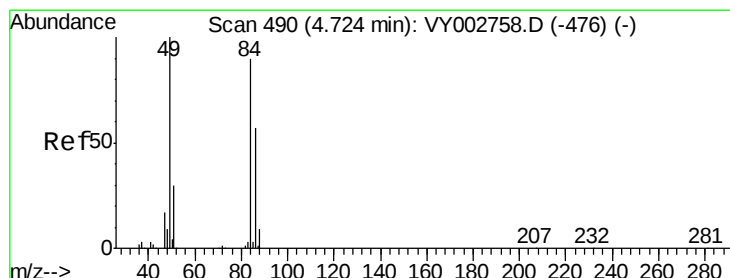
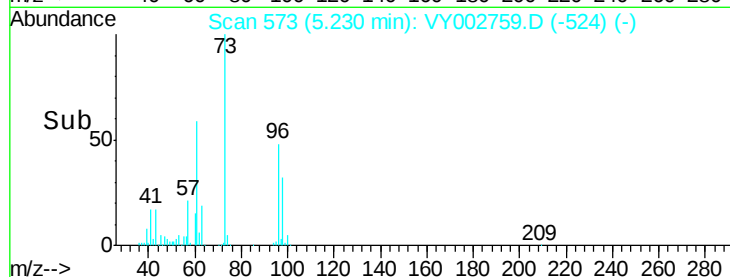
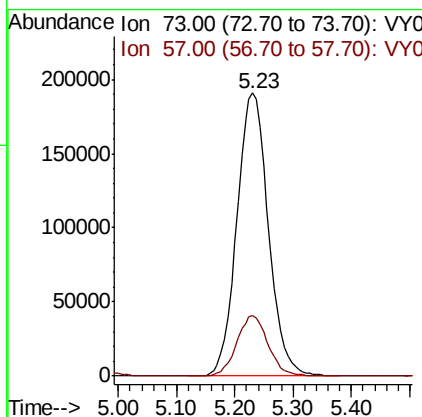
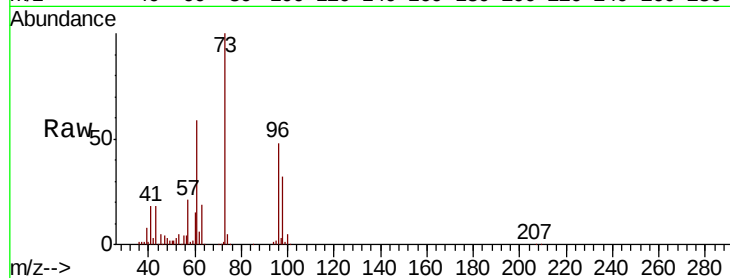


#19

Methyl tert-butyl Ether  
 Concen: 107.166 ug/l  
 RT: 5.23 min Scan# 573  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

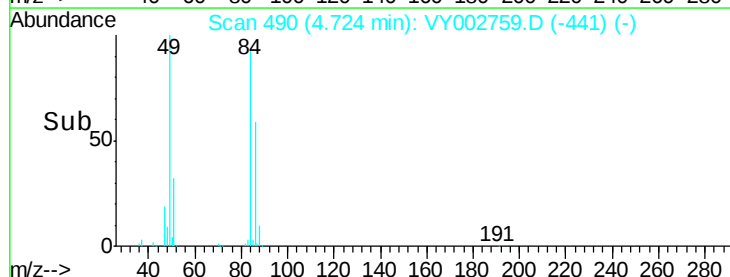
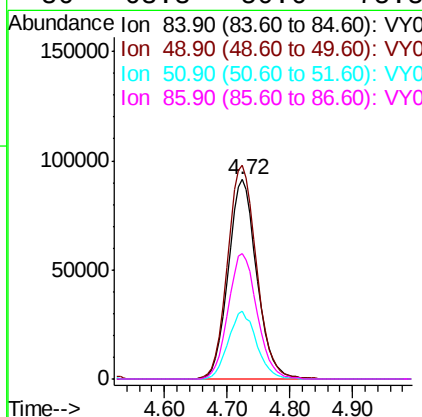
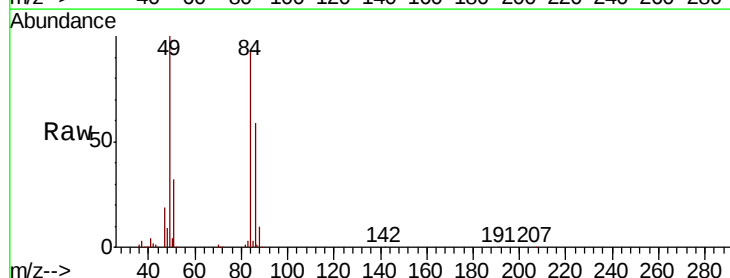
Tot Ion: 73 Resp: 714429  
 Ion Ratio Lower Upper  
 73 100  
 57 21.3 17.0 25.4



#20

Methylene Chloride  
 Concen: 96.931 ug/l  
 RT: 4.72 min Scan# 490  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Tgt Ion: 84 Resp: 287097  
 Ion Ratio Lower Upper  
 84 100  
 49 107.3 88.5 132.7  
 51 34.1 26.8 40.2  
 86 63.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 100.101 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

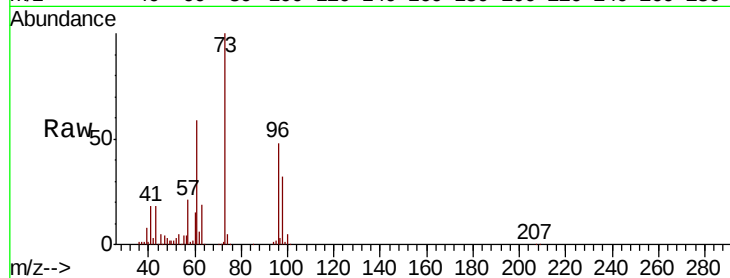
Tot Ion: 96 Resp: 295319

Ion Ratio Lower Upper

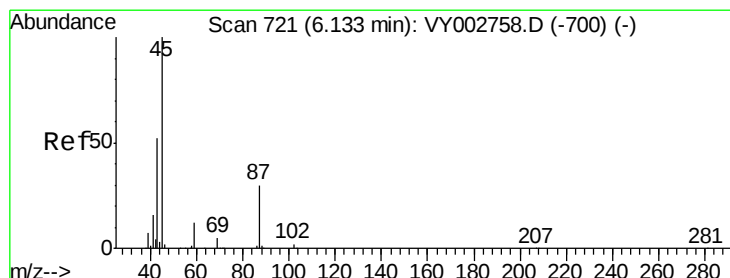
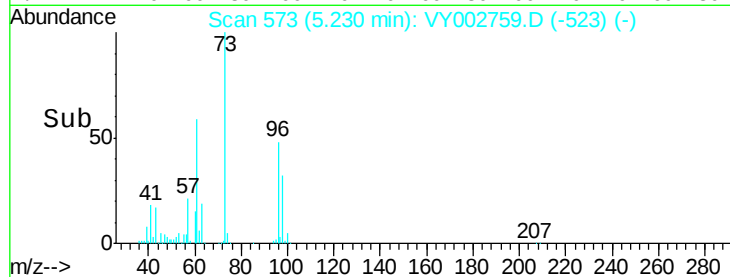
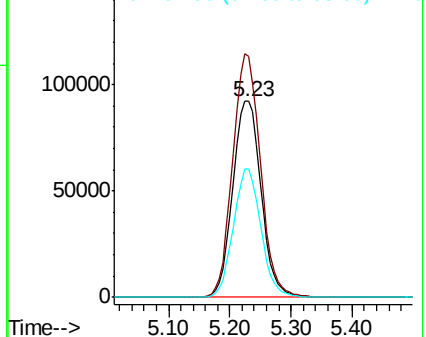
96 100

61 123.0 96.8 145.2

98 65.6 49.4 74.0



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: 102.586 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Tgt Ion: 45 Resp: 779474

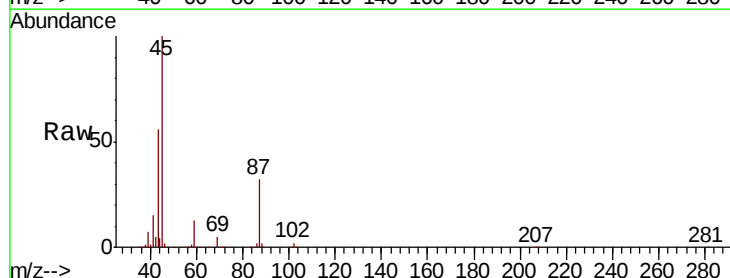
Ion Ratio Lower Upper

45 100

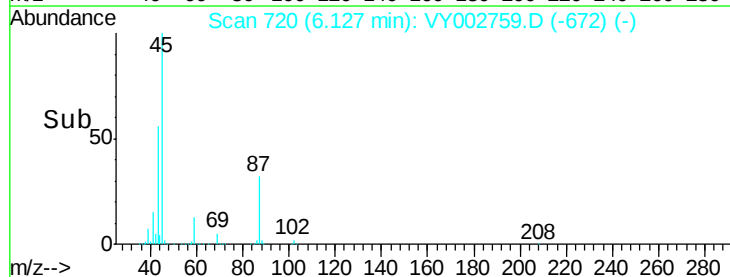
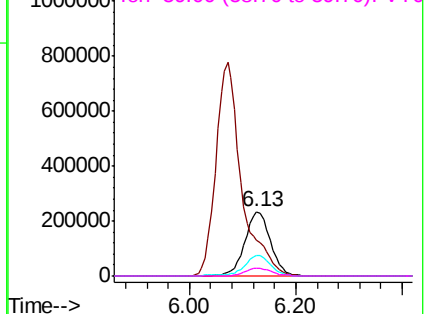
43 56.3 41.7 62.5

87 31.6 24.2 36.2

59 12.6 9.8 14.8



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: 531.305 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

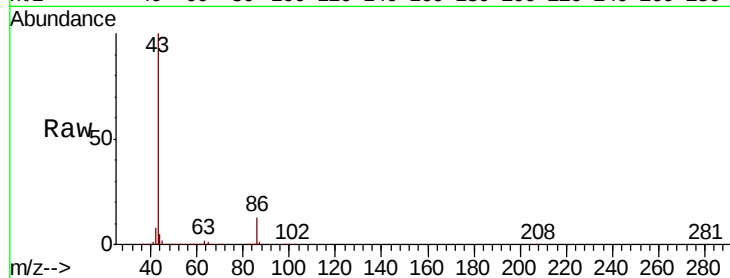
VSTDICC100

Tot Ion: 43 Resp: 2604703

Ion Ratio Lower Upper

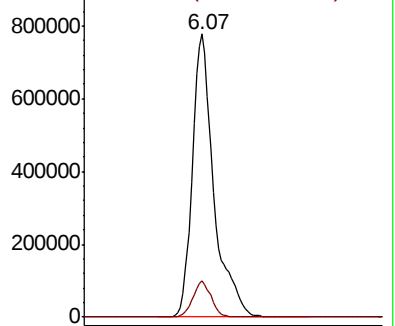
43 100

86 12.7 10.2 15.2

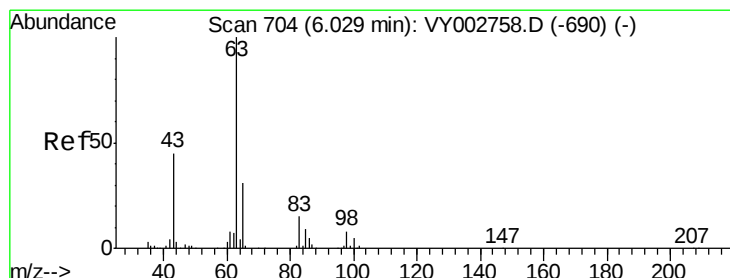
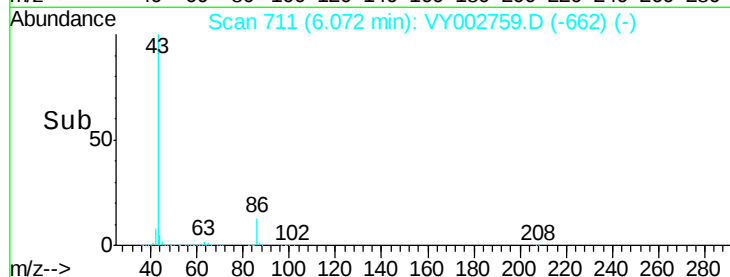


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 100.774 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

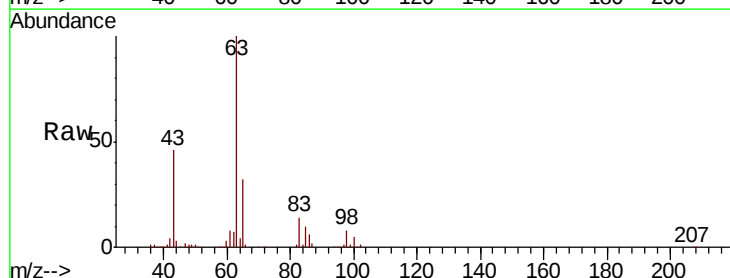
Tgt Ion: 63 Resp: 456692

Ion Ratio Lower Upper

63 100

98 8.2 4.0 12.2

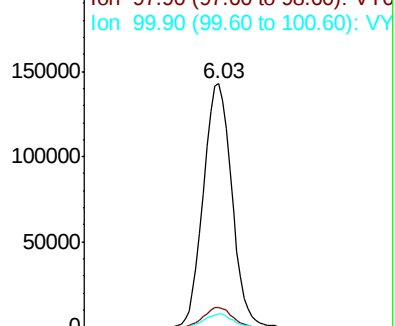
100 5.3 2.4 7.1



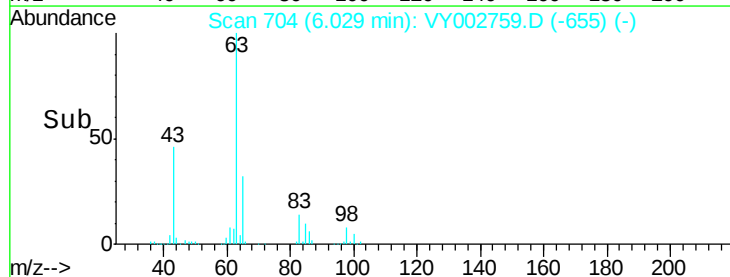
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->

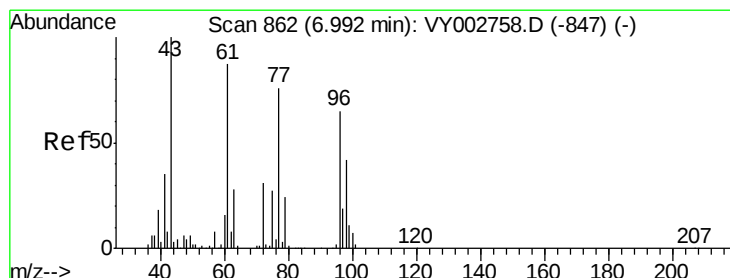
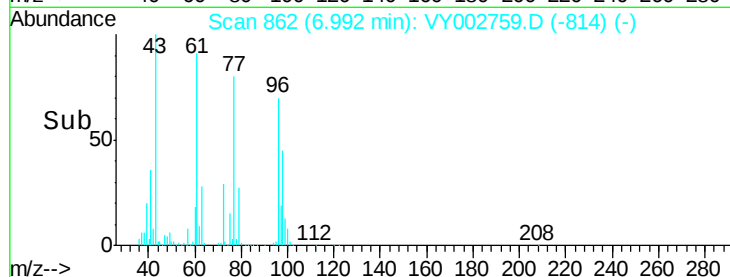
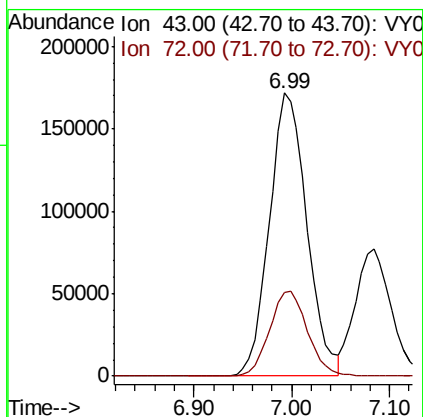
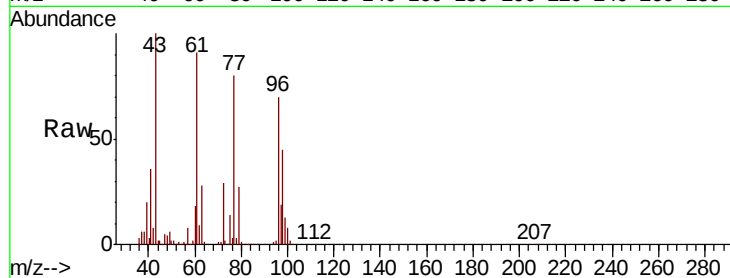




#25  
2-Butanone  
Concen: 552.529 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

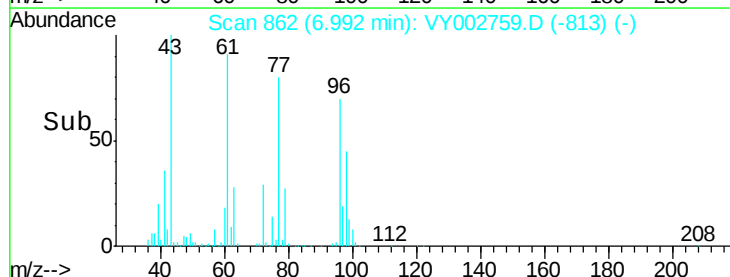
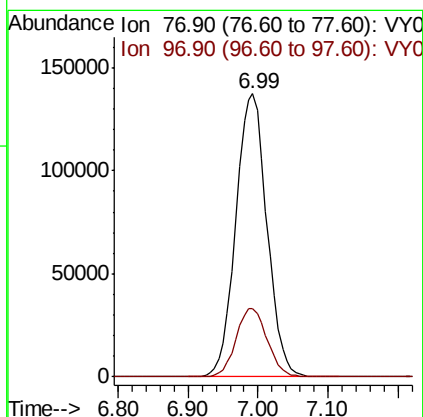
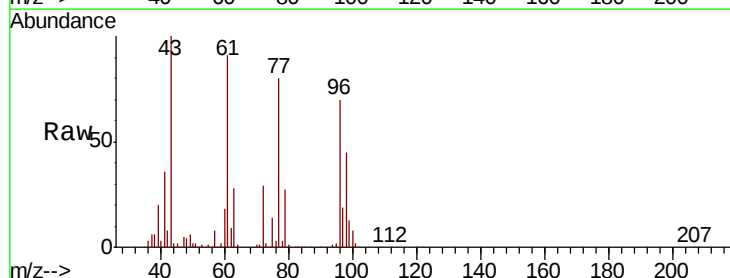
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tot Ion: 43 Resp: 460751  
Ion Ratio Lower Upper  
43 100  
72 29.4 23.9 35.9



#26  
2,2-Dichloropropane  
Concen: 99.900 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion: 77 Resp: 423491  
Ion Ratio Lower Upper  
77 100  
97 24.4 12.2 36.6



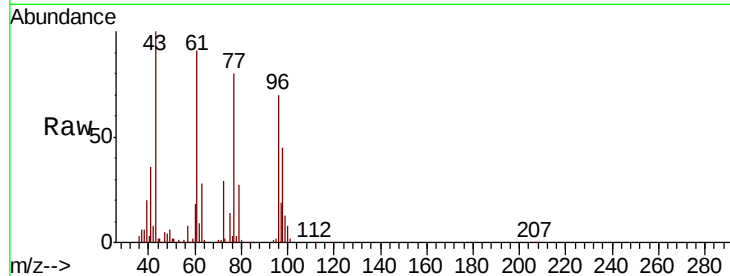


#27

cis-1,2-Dichloroethene  
Concen: 103.049 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

| Tot Ion   | 96    | Resp  | 329803 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 128.2 | 0.0   | 260.2  |
| 98        | 64.3  | 0.0   | 128.2  |

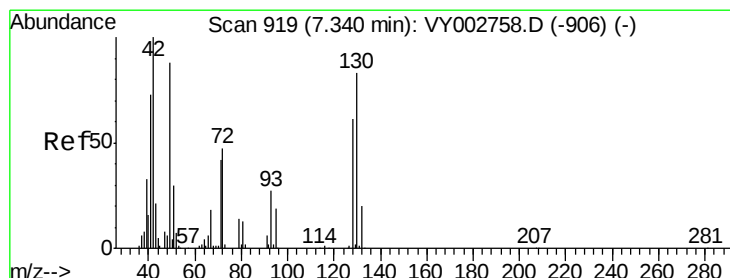
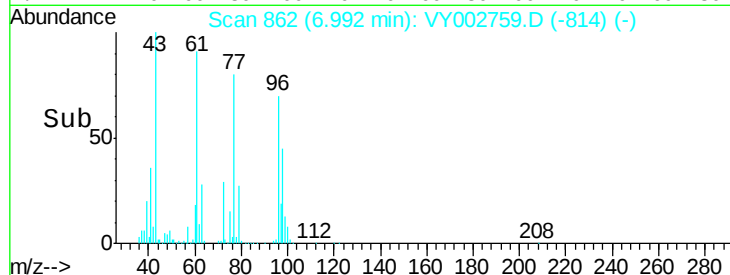
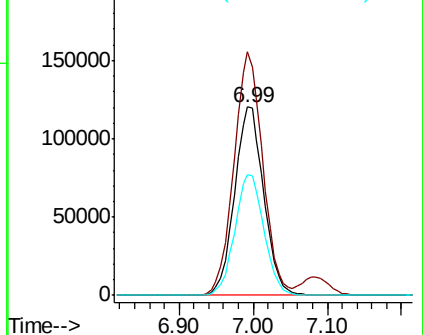


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

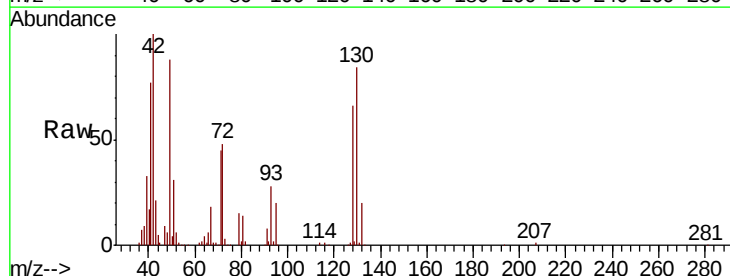
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane  
Concen: 99.790 ug/l  
RT: 7.34 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

| Tgt Ion   | 49    | Resp  | 180831 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 49        | 100   |       |        |
| 129       | 2.6   | 0.0   | 5.2    |
| 130       | 97.4  | 77.1  | 115.7  |

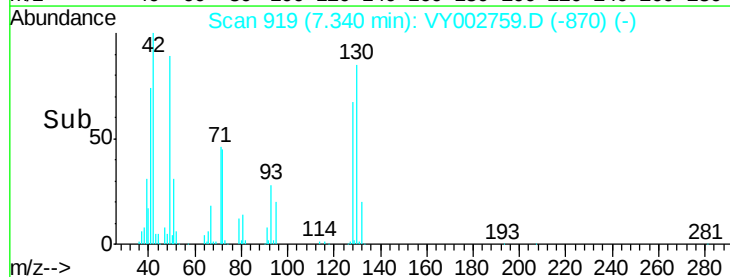
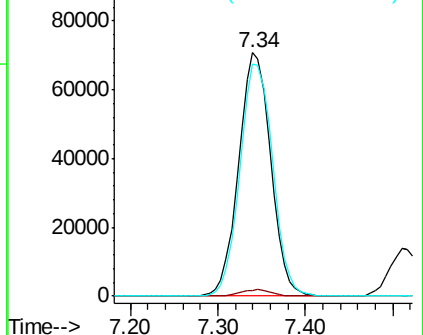


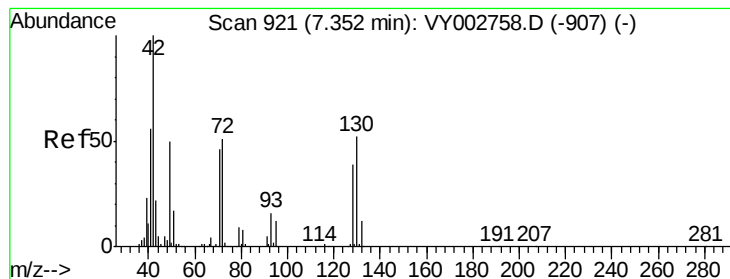
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 533.824 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

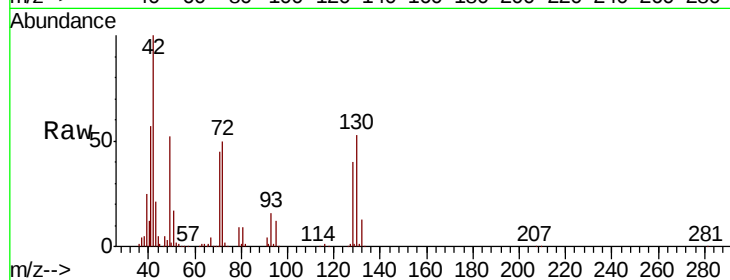
Tot Ion: 42 Resp: 299732

Ion Ratio Lower Upper

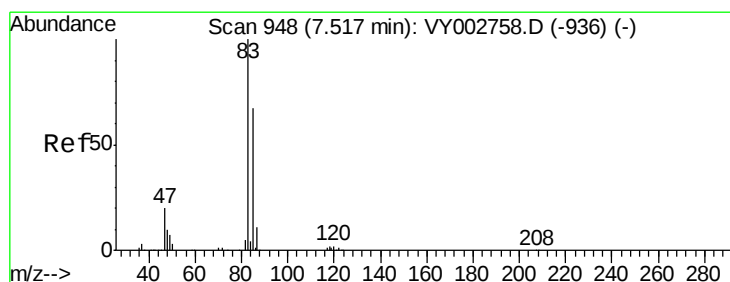
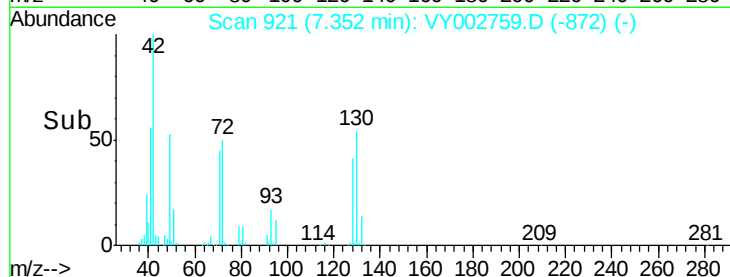
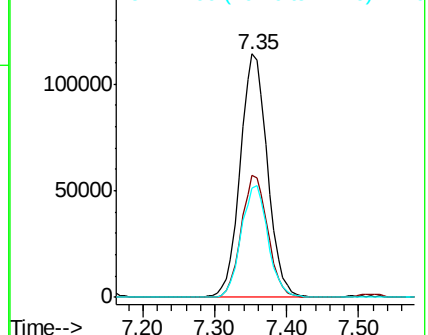
42 100

72 48.9 38.6 58.0

71 45.3 35.8 53.8



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: 104.236 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY002759.D

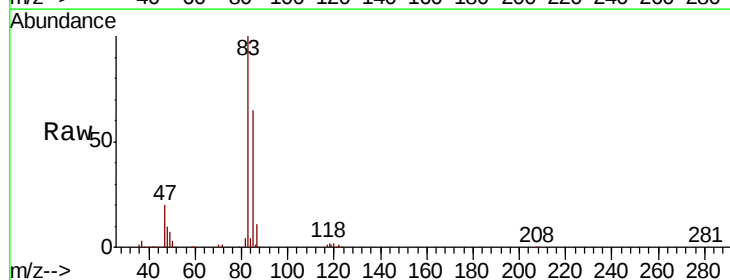
Acq: 27 May 2020 12:37

Tgt Ion: 83 Resp: 491494

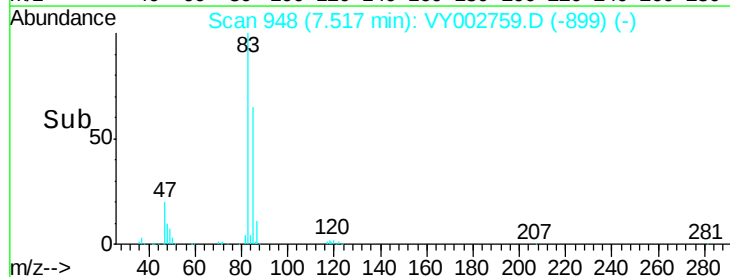
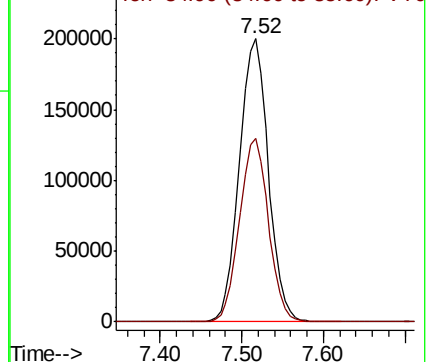
Ion Ratio Lower Upper

83 100

85 64.8 53.8 80.8



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





#31

Cvclohexane

Concen: 94.461 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

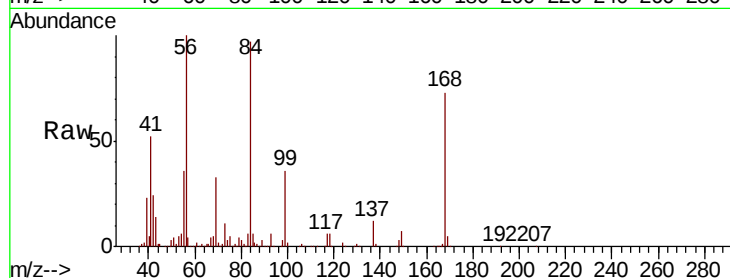
Tot Ion: 56 Resp: 432184

Ion Ratio Lower Upper

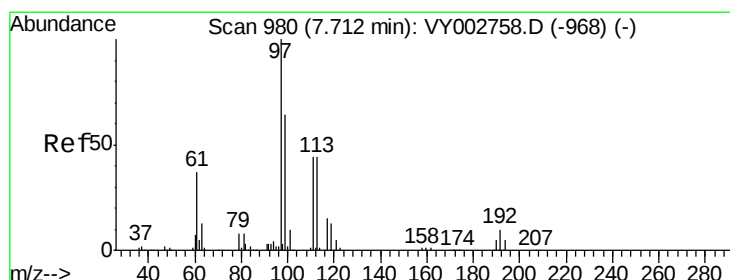
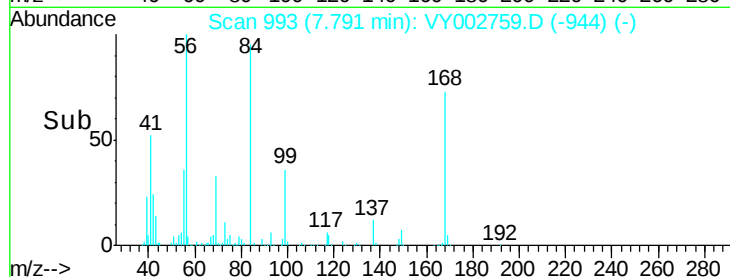
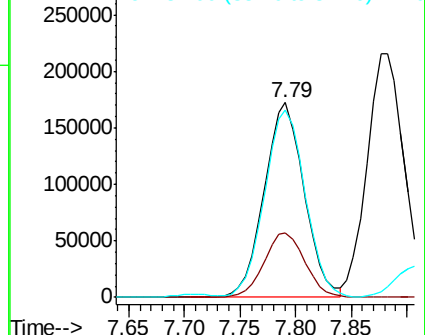
56 100

69 33.0 28.0 42.0

84 95.1 77.7 116.5



Abundance Ion 56.00 (55.70 to 56.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 103.836 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

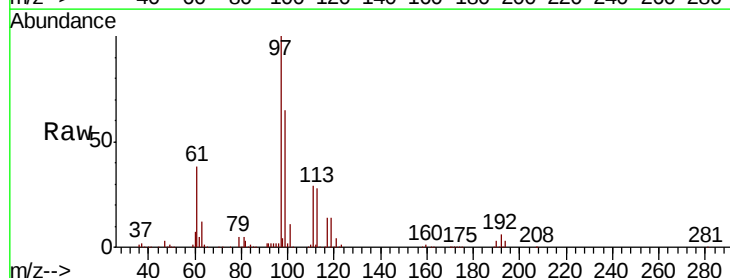
Tgt Ion: 97 Resp: 453151

Ion Ratio Lower Upper

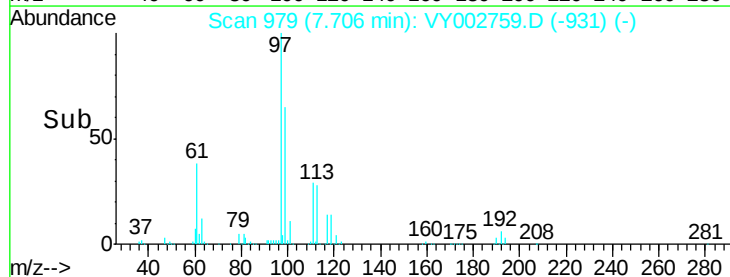
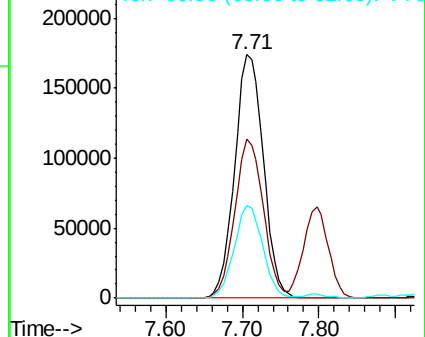
97 100

99 64.8 51.4 77.0

61 37.7 30.1 45.1



Abundance Ion 96.90 (96.60 to 97.60): VY0  
Ion 98.90 (98.60 to 99.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0

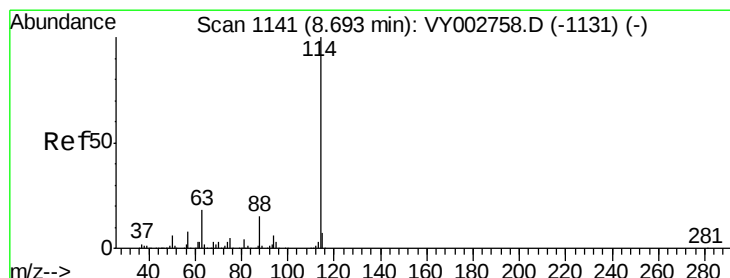
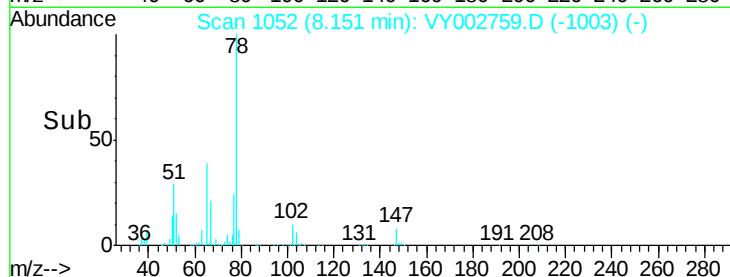
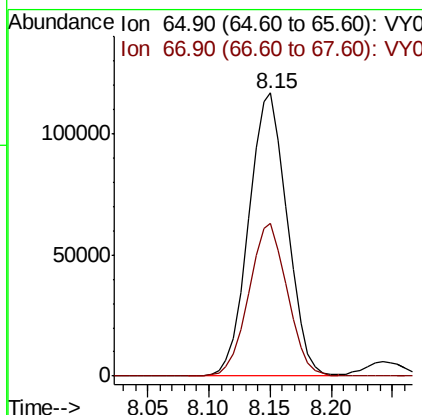
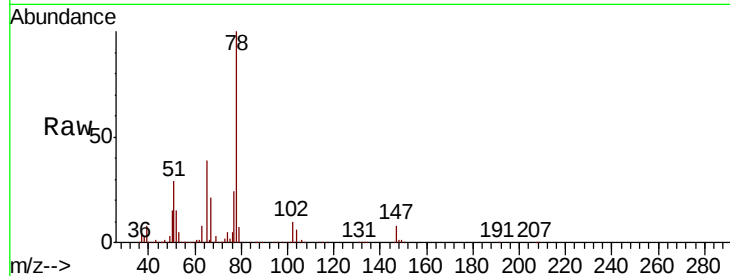




#33  
 1,2-Dichloroethane-d4  
 Concen: 106.122 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

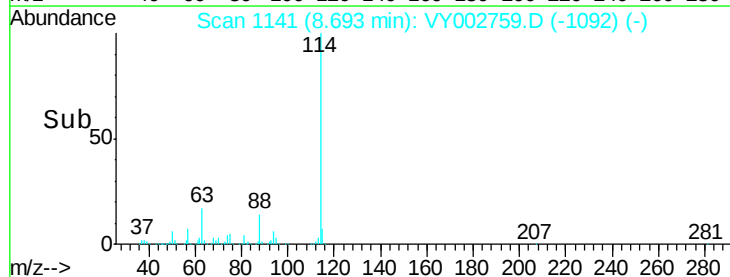
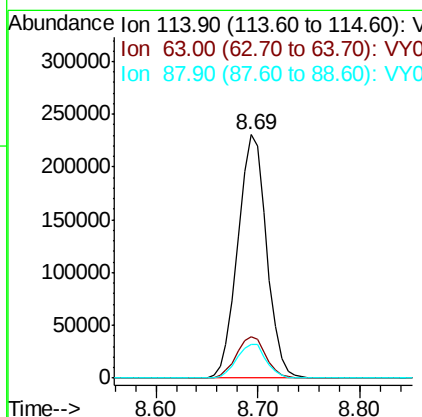
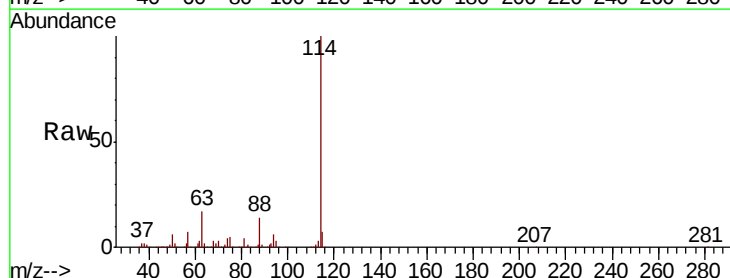
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

Tot Ion: 65 Resp: 255852  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 111.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Tgt Ion: 114 Resp: 449869  
 Ion Ratio Lower Upper  
 114 100  
 63 17.1 0.0 35.2  
 88 13.9 0.0 29.2

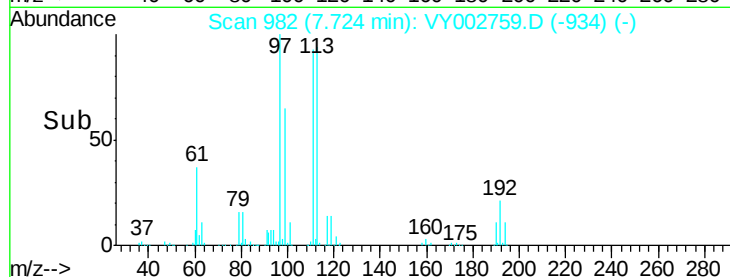
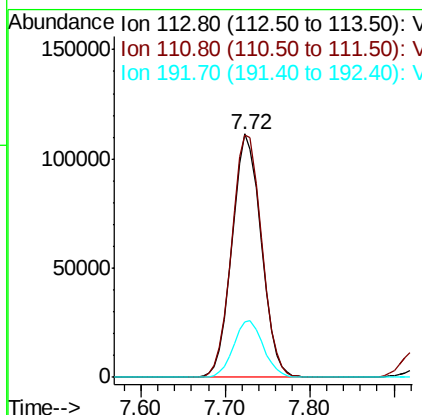
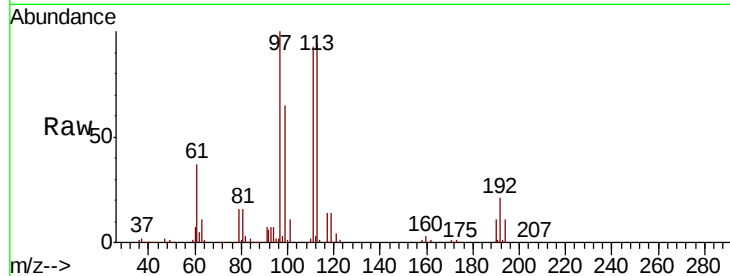




#35  
 Dibromofluoromethane  
 Concen: 104.403 ug/l  
 RT: 7.72 min Scan# 982  
 Delta R.T. -0.01 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

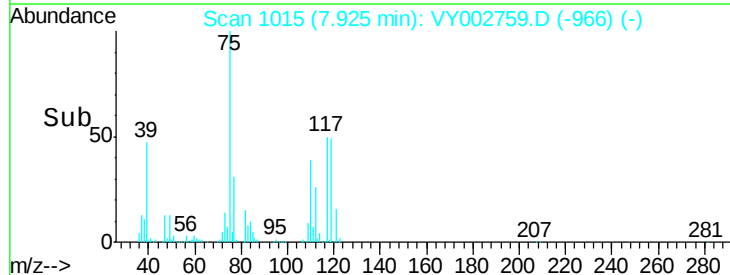
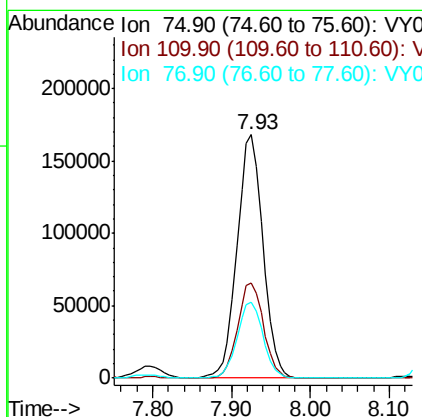
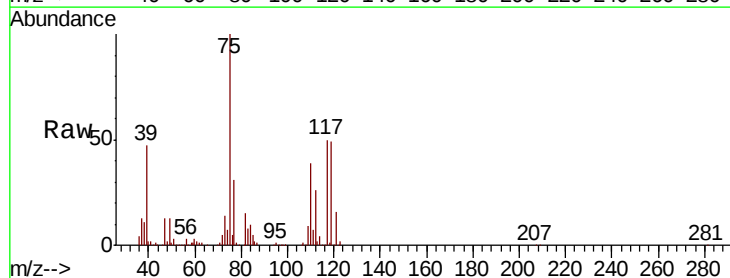
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

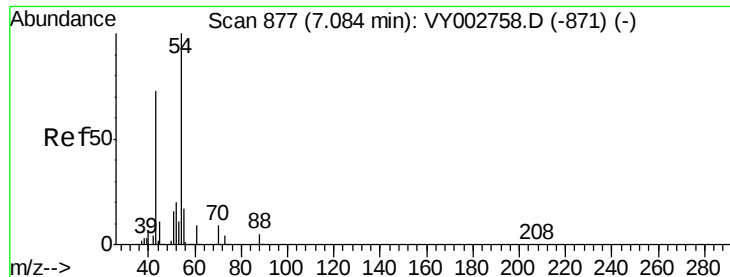
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 82.0  | 123.0 |
| 192     | 23.5  | 18.9  | 28.3  |



#36  
 1,1-Dichloropropene  
 Concen: 101.436 ug/l  
 RT: 7.93 min Scan# 1015  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 39.0  | 19.3  | 57.9  |
| 77      | 31.2  | 24.8  | 37.2  |

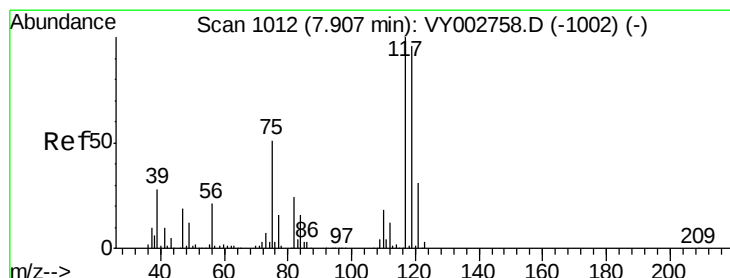
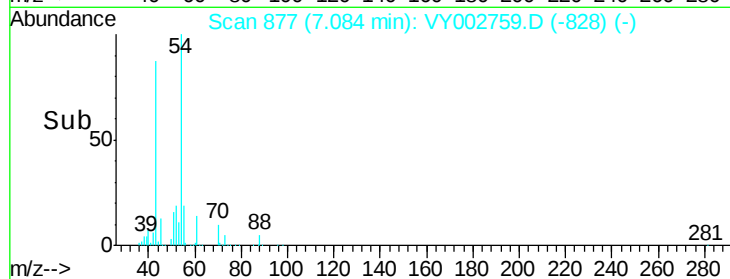
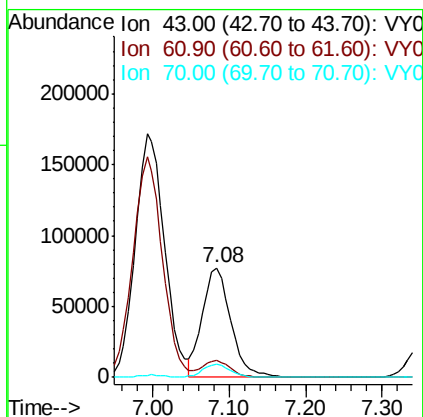
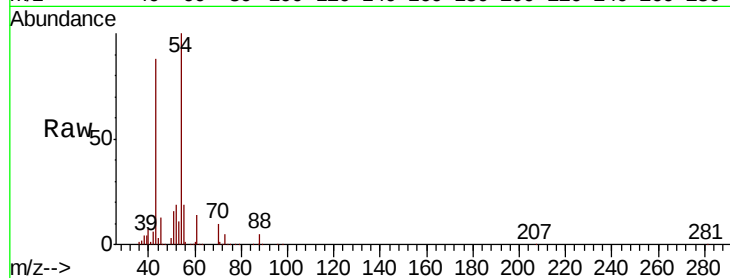




#37  
Ethyl Acetate  
Concen: 106.079 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

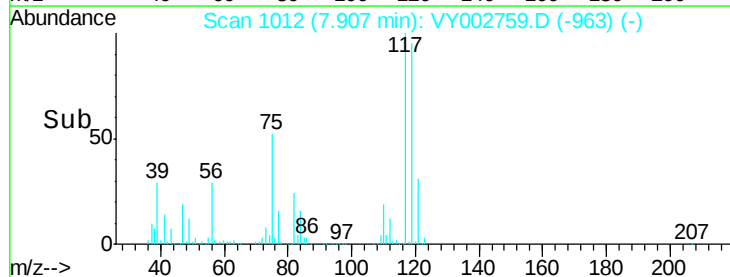
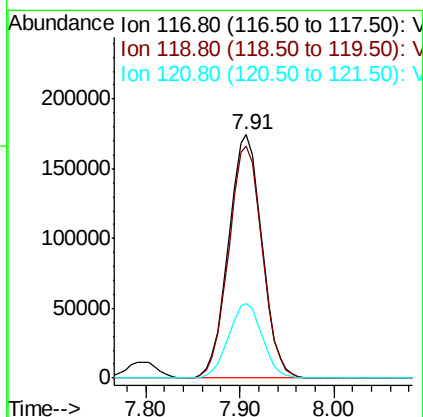
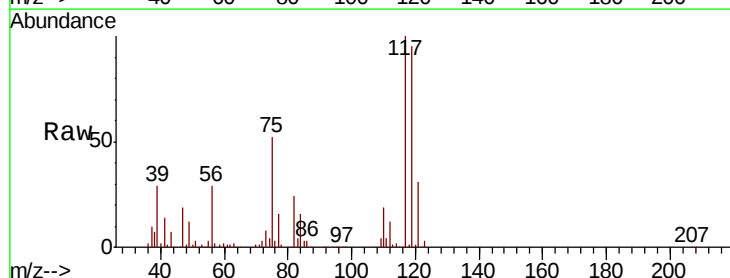
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

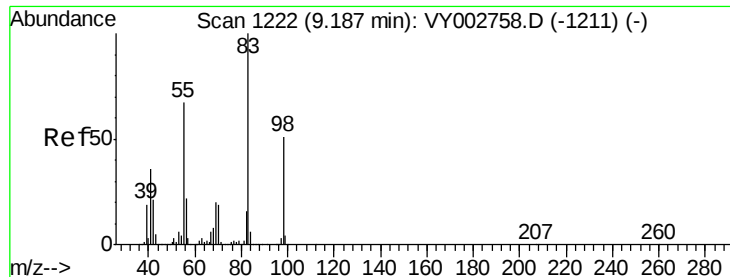
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.3  | 11.9  | 17.9  |
| 70      | 11.7  | 9.1   | 13.7  |



#38  
Carbon Tetrachloride  
Concen: 105.833 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.4  | 76.8  | 115.2 |
| 121     | 30.7  | 24.8  | 37.2  |

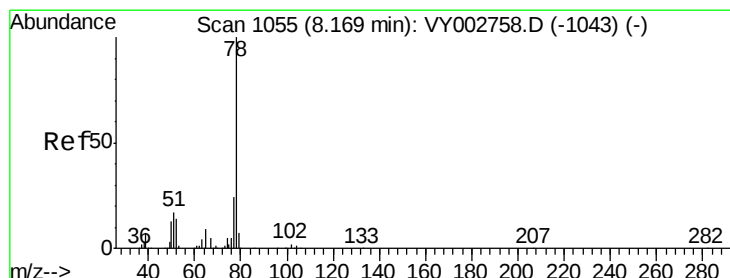
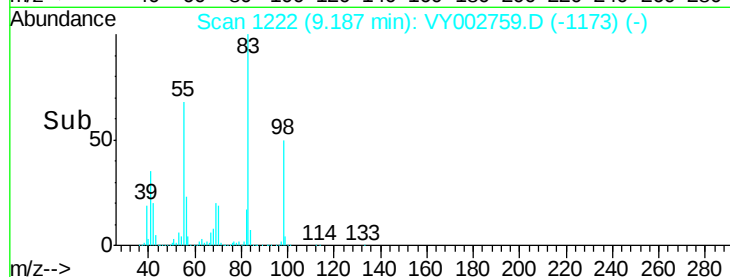
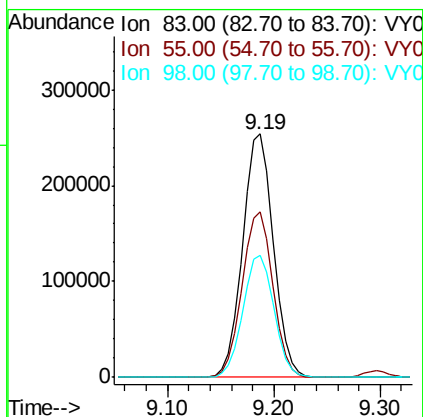
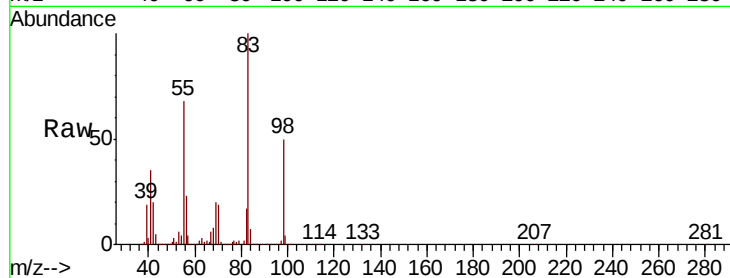




#39  
Methvlcvclohexane  
Concen: 101.933 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

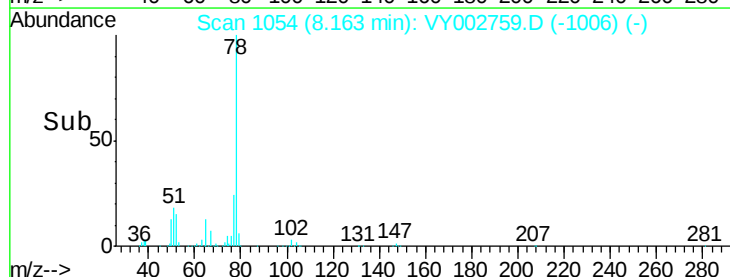
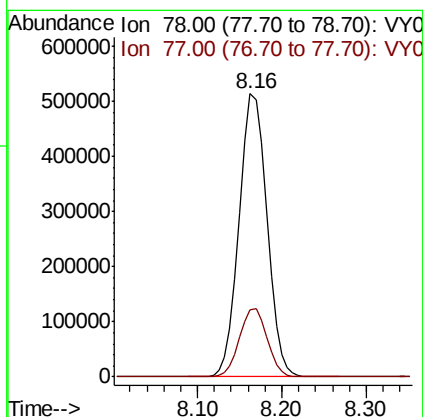
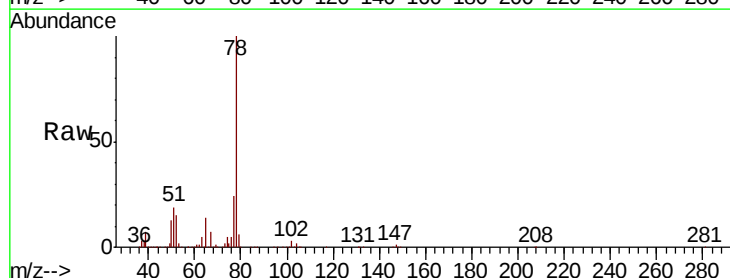
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

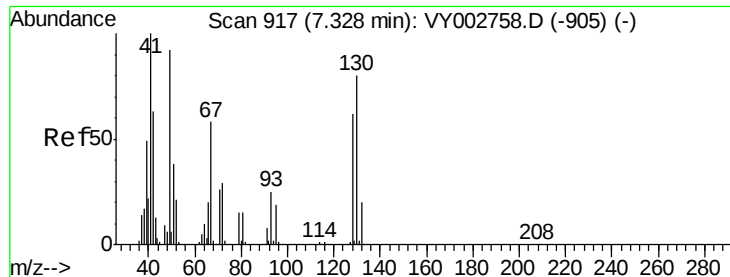
Tot Ion: 83 Resp: 516589  
Ion Ratio Lower Upper  
83 100  
55 68.1 53.3 79.9  
98 50.0 41.1 61.7



#40  
Benzene  
Concen: 103.515 ug/l  
RT: 8.16 min Scan# 1054  
Delta R.T. -0.01 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion: 78 Resp: 1144948  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.8 28.2

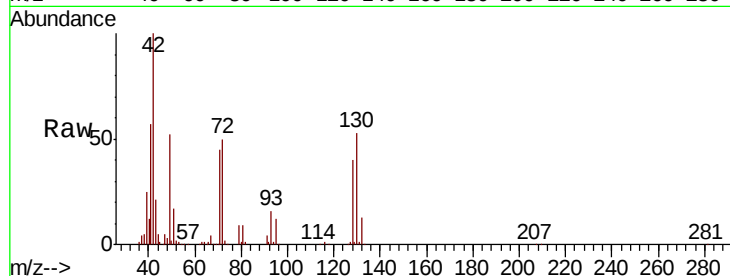




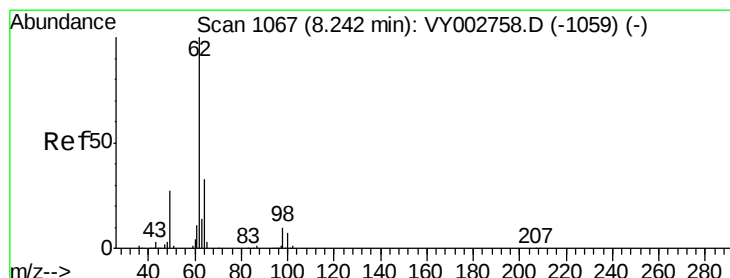
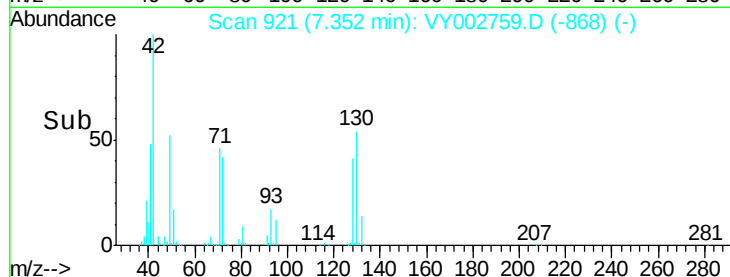
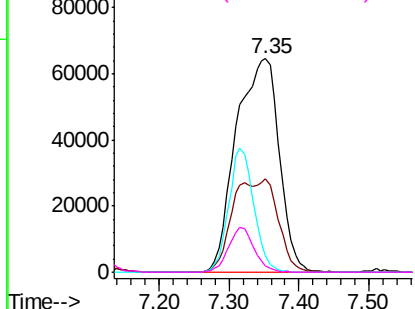
#41  
Methacrylonitrile  
Concen: 250.449 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. 0.02 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 275406 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 97.6  | 146.4# |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |

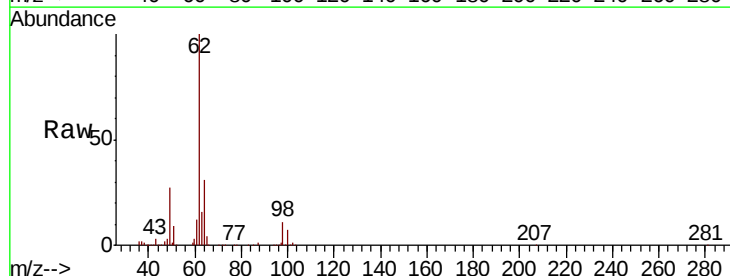


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

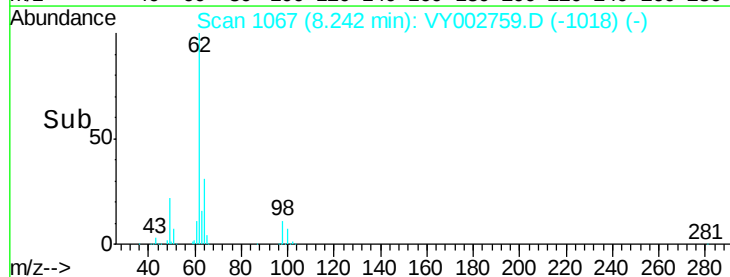
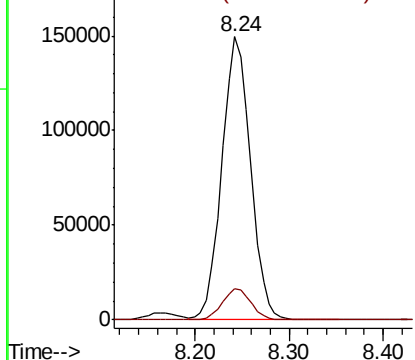


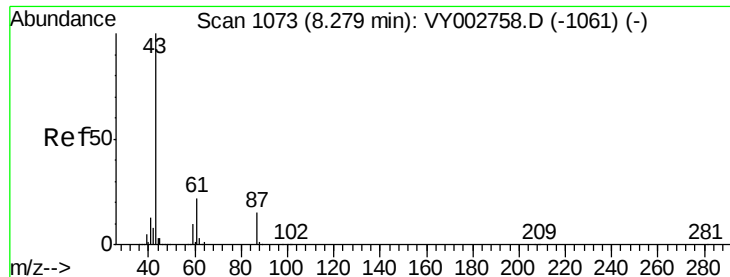
#42  
1,2-Dichloroethane  
Concen: 107.423 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 315627 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 11.0  | 0.0   | 22.6   |



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





#43

Isopropyl Acetate

Concen: 111.085 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

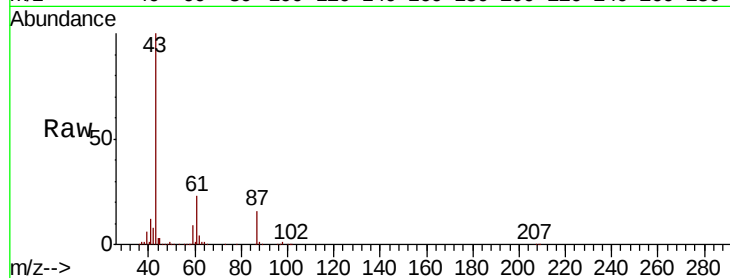
Tot Ion: 43 Resp: 390849

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

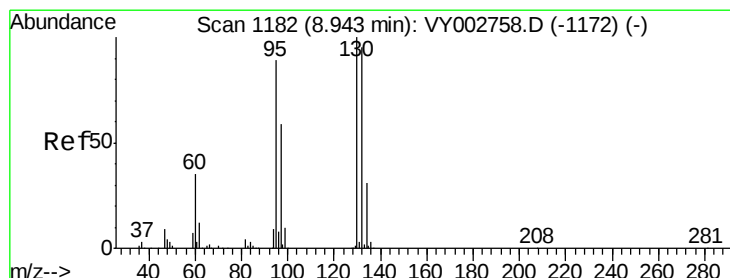
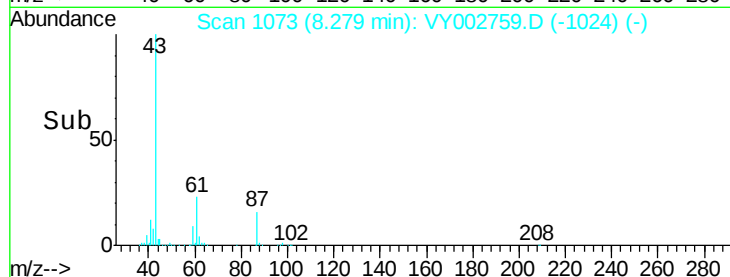
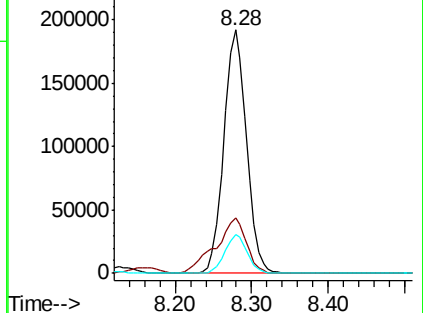
87 15.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002759.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002759.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002759.D (-1024) (-)



#44

Trichloroethene

Concen: 101.070 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY002759.D

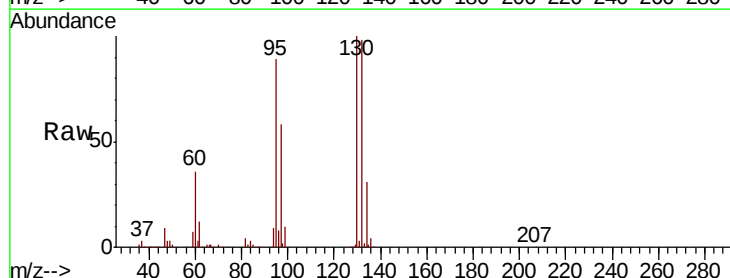
Acq: 27 May 2020 12:37

Tgt Ion: 130 Resp: 355779

Ion Ratio Lower Upper

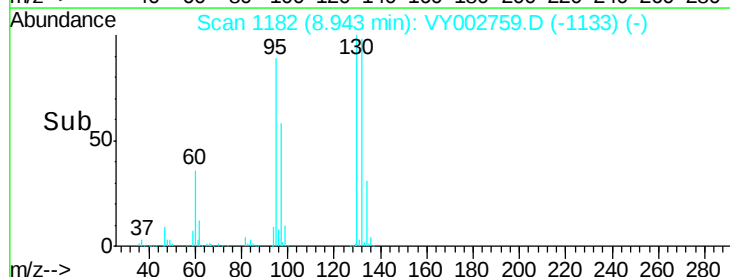
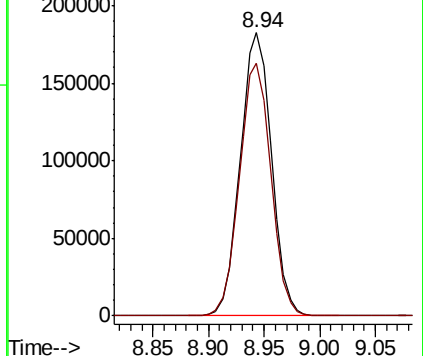
130 100

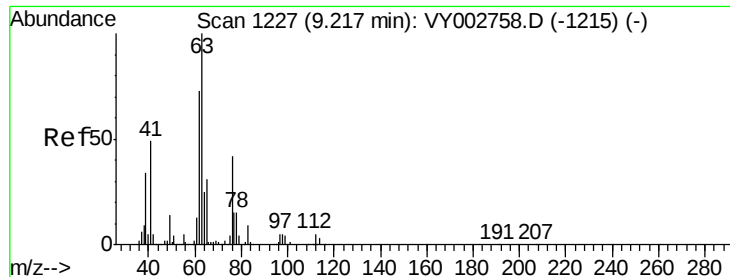
95 89.2 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002759.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002759.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 103.637 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

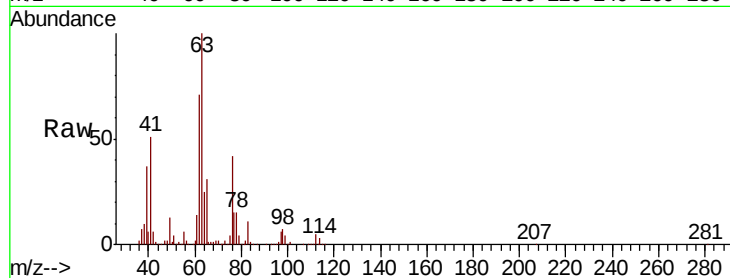
VSTDIC100

Tot Ion: 63 Resp: 273325

Ion Ratio Lower Upper

63 100

65 30.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

150000

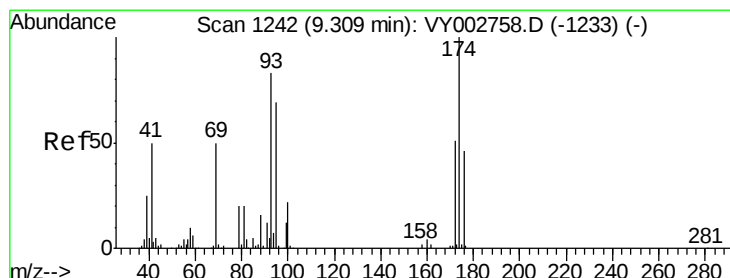
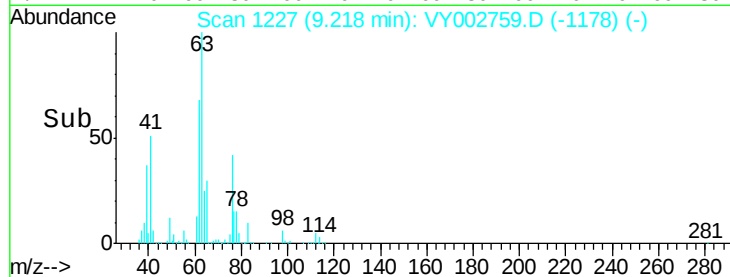
100000

50000

0

Time-->

9.10 9.20 9.30



#46

Dibromomethane

Concen: 107.794 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

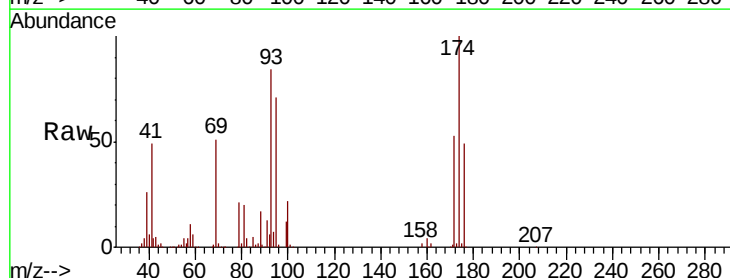
Tgt Ion: 93 Resp: 160378

Ion Ratio Lower Upper

93 100

95 83.5 66.9 100.3

174 120.7 97.7 146.5



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

9.31

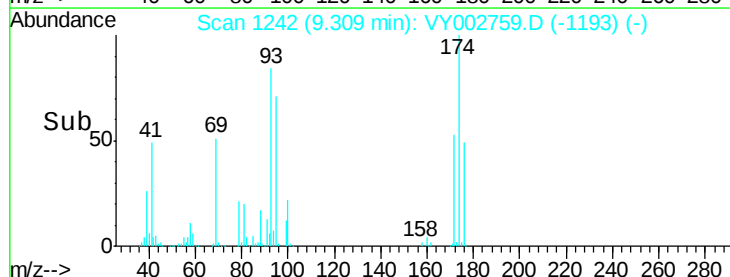
100000

50000

0

Time-->

9.20 9.30 9.40





#47

Bromodichloromethane

Concen: 107.748 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampled :

VSTDIC100

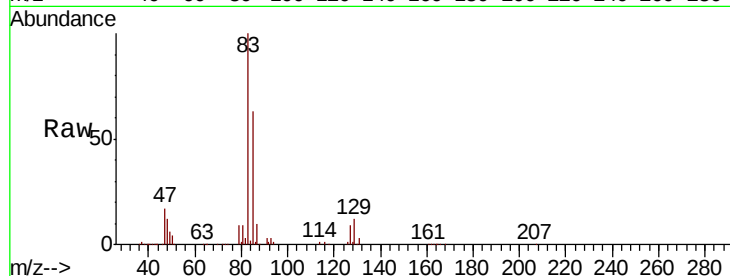
Tot Ion: 83 Resp: 389772

Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9

127 9.3 7.1 10.7



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

9.50

250000

200000

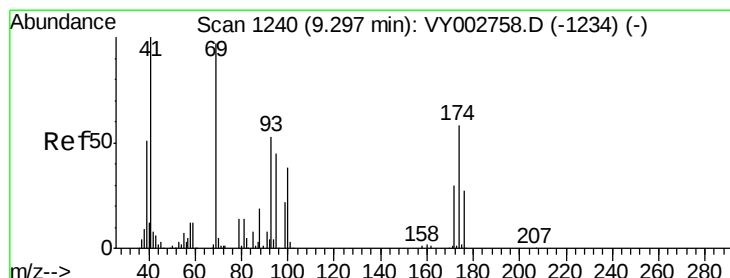
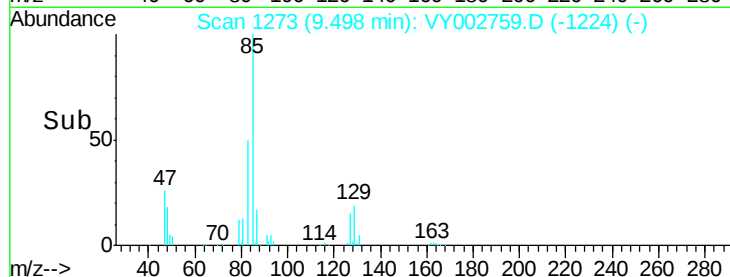
150000

100000

50000

0

Time--> 9.40 9.45 9.50 9.55 9.60



#48

Methyl methacrylate

Concen: 110.976 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

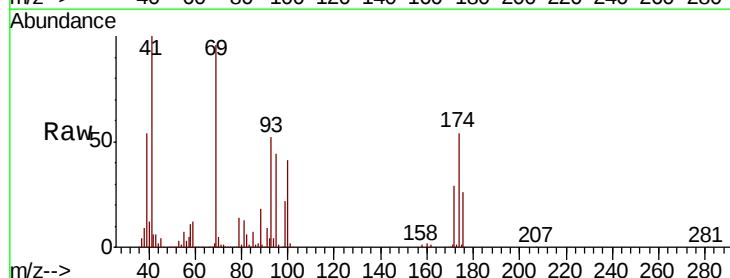
Tgt Ion: 41 Resp: 179080

Ion Ratio Lower Upper

41 100

69 97.4 79.7 119.5

39 54.6 43.3 64.9



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

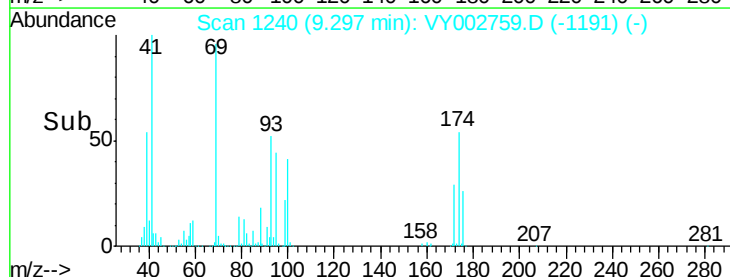
9.30

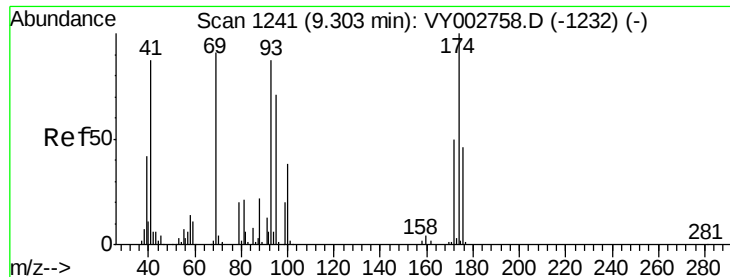
100000

50000

0

Time--> 9.25 9.30 9.35

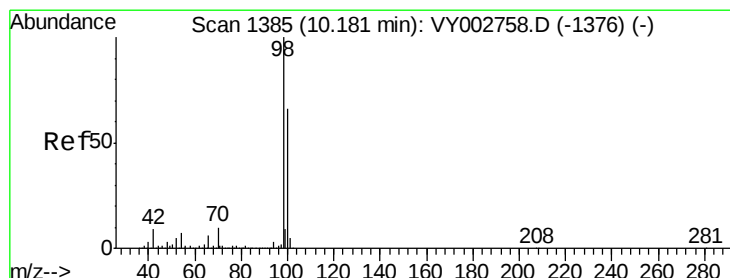
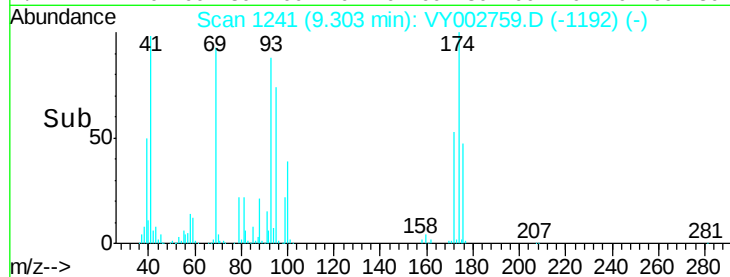
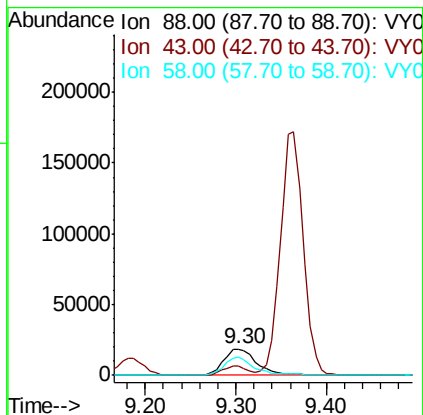
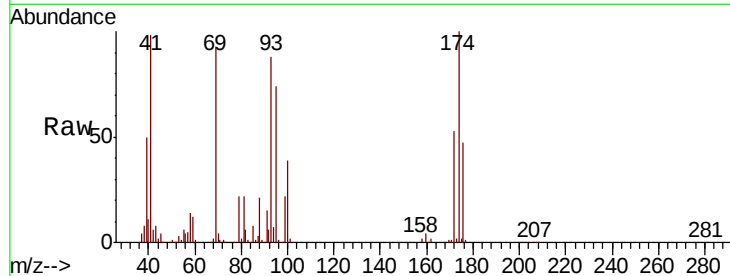




#49  
1,4-Dioxane  
Concen: 2301.064 ug/l  
RT: 9.30 min Scan# 1241  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

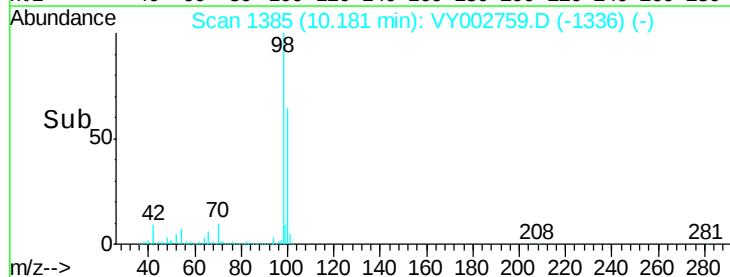
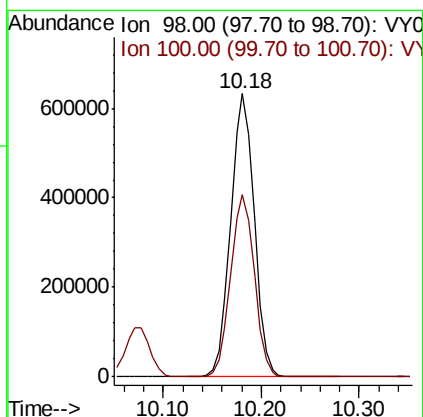
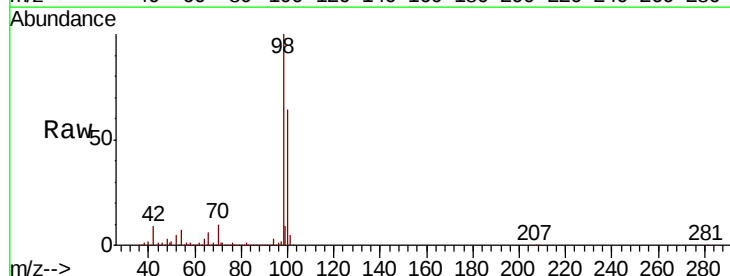
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC100

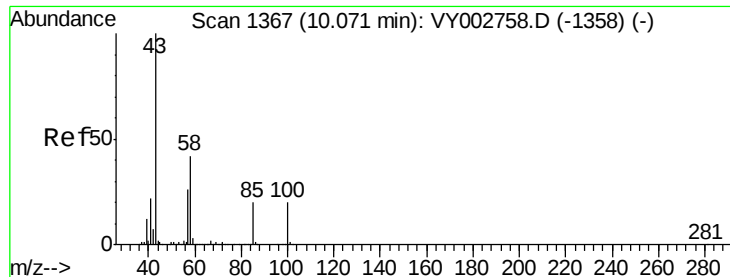
Tot Ion: 88 Resp: 47775  
Ion Ratio Lower Upper  
88 100  
43 26.6 21.3 31.9  
58 63.9 52.2 78.2



#50  
Toluene-d8  
Concen: 105.136 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion: 98 Resp: 1057532  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.2 78.2

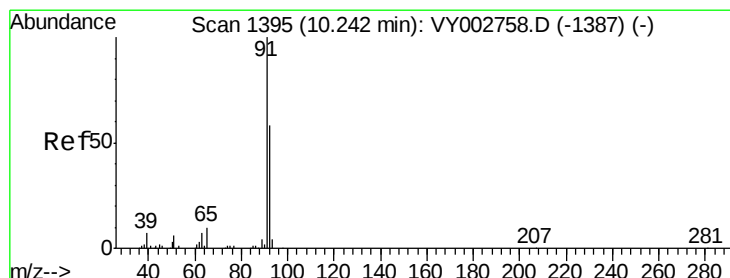
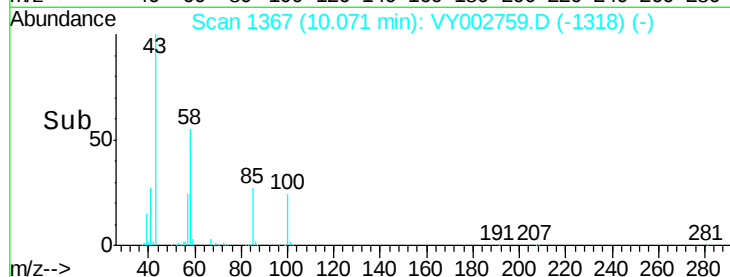
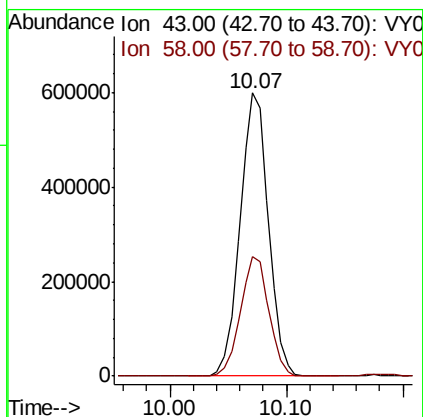
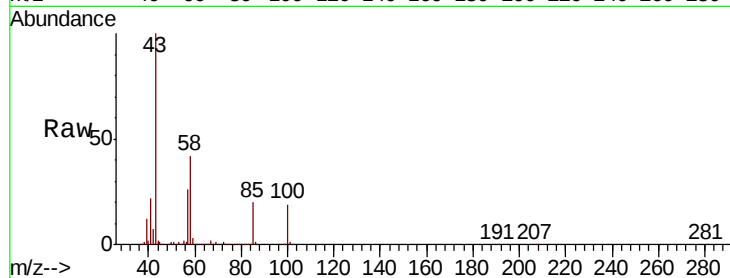




#51  
4-Methyl-2-Pentanone  
Concen: 556.516 ug/l  
RT: 10.07 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

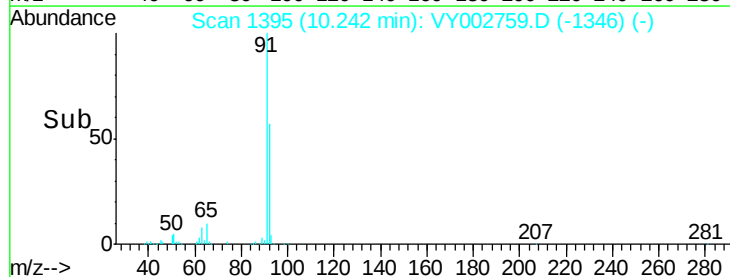
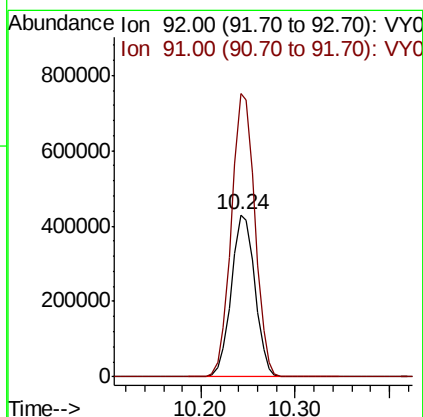
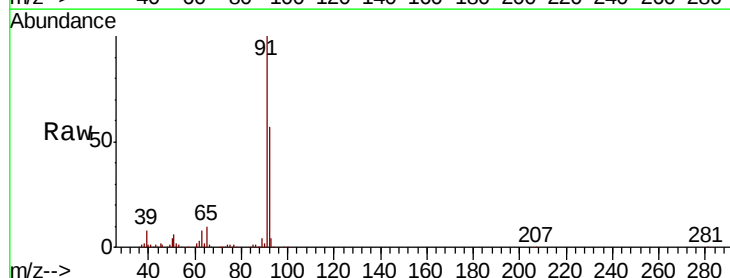
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

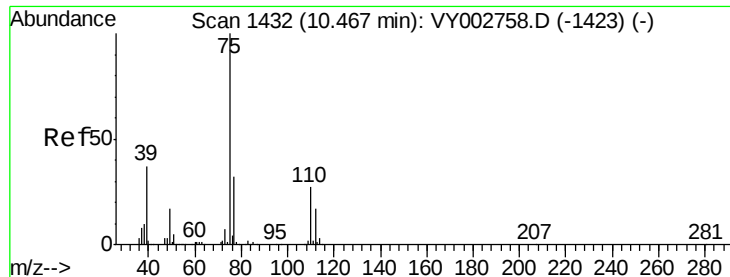
Tot Ion: 43 Resp: 1014592  
Ion Ratio Lower Upper  
43 100  
58 42.3 34.2 51.2



#52  
Toluene  
Concen: 104.037 ug/l  
RT: 10.24 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion: 92 Resp: 746972  
Ion Ratio Lower Upper  
92 100  
91 174.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 109.838 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

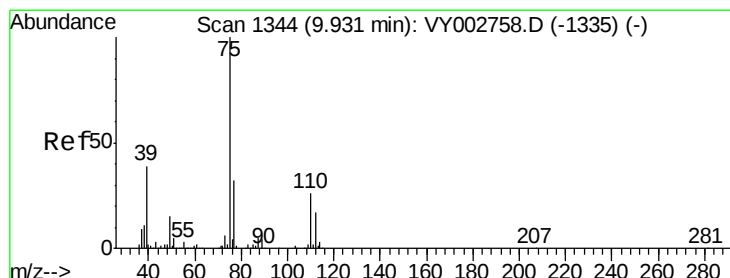
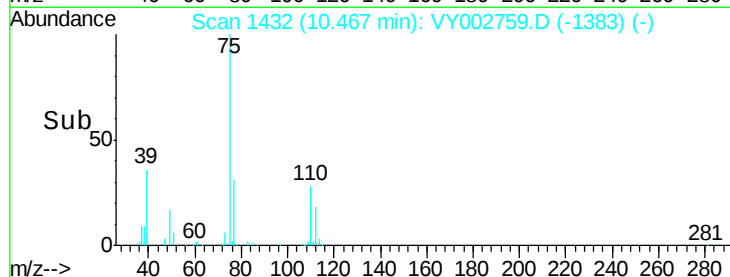
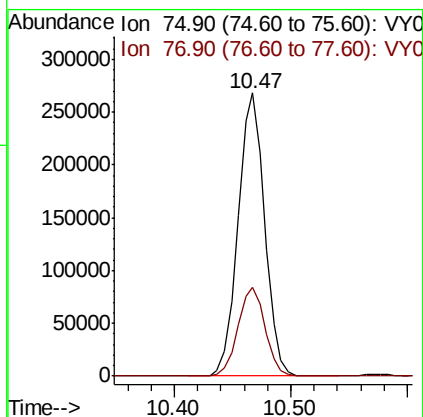
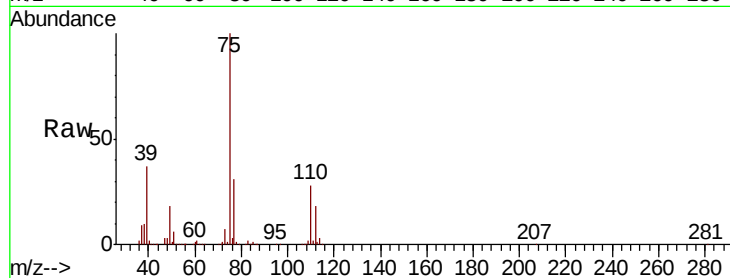
VSTDIC100

Tot Ion: 75 Resp: 426035

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 106.846 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

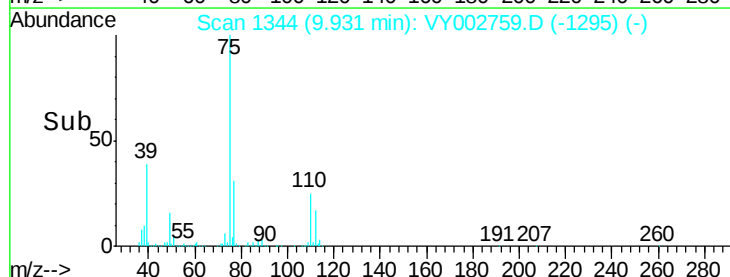
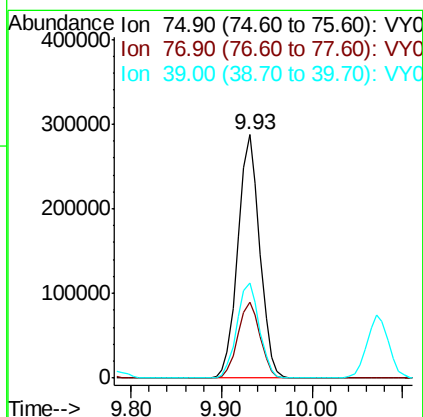
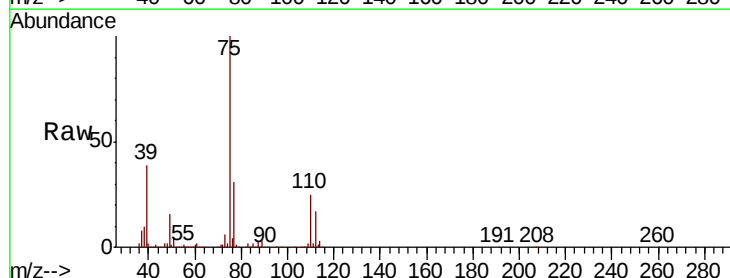
Tgt Ion: 75 Resp: 478227

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 39.0 31.3 46.9

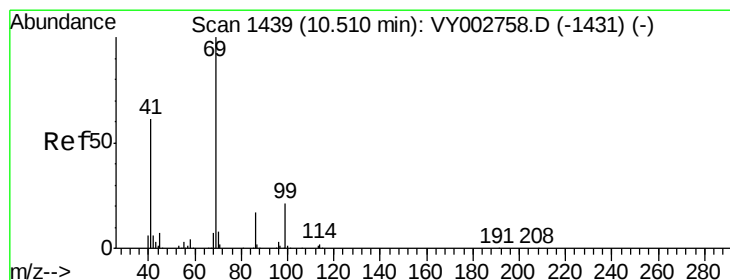
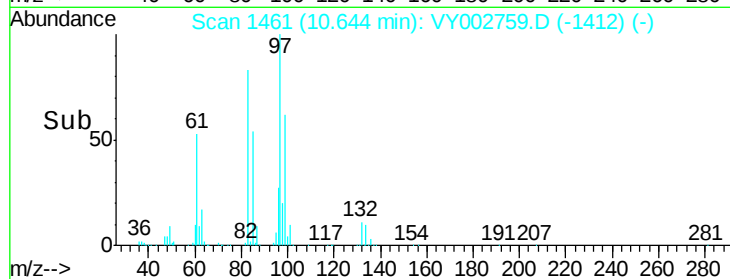
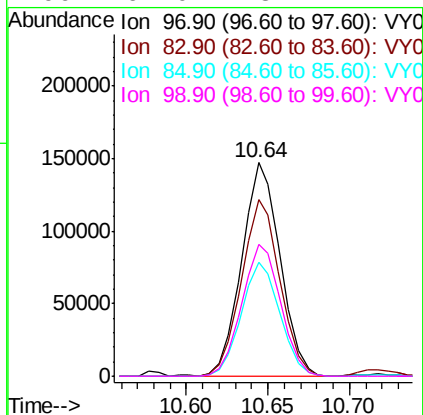
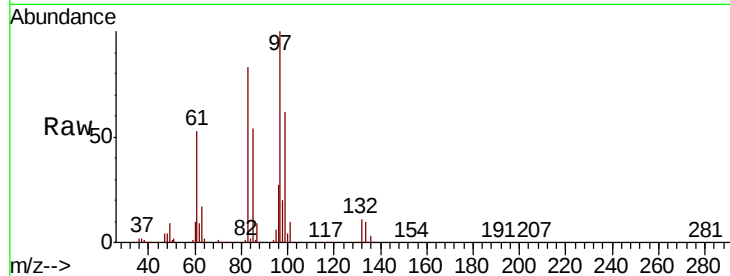




#55  
 1,1,2-Trichloroethane  
 Concen: 107.503 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

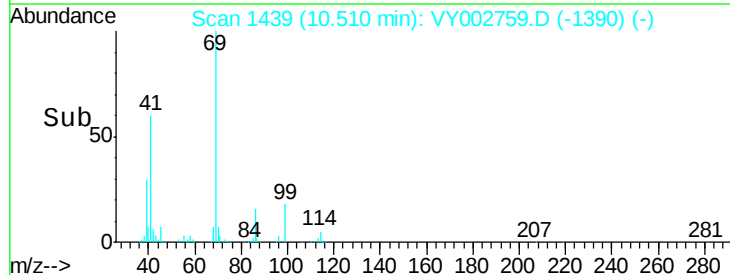
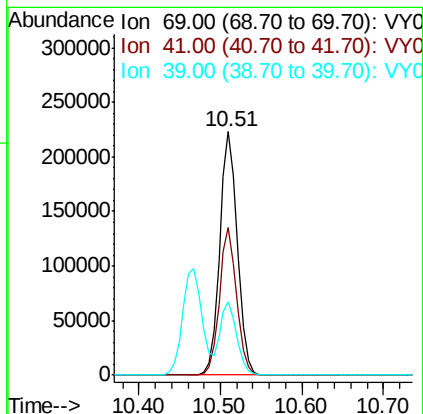
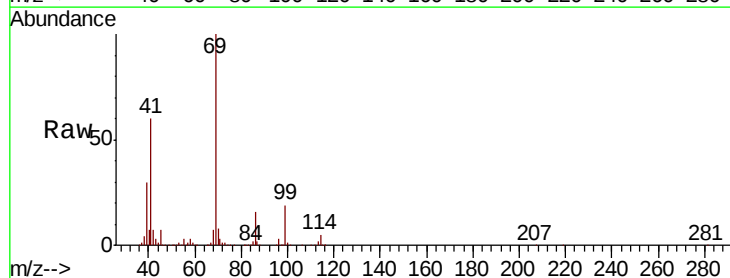
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

| Tot Ion: | 97    | Resp: | 240086 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.6  | 62.7  | 94.1   |
| 85       | 53.6  | 40.6  | 60.8   |
| 99       | 62.0  | 48.2  | 72.4   |



#56  
 Ethyl methacrylate  
 Concen: 113.372 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

| Tgt Ion: | 69    | Resp: | 335924 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 58.8  | 47.0  | 70.4   |
| 39       | 28.1  | 22.0  | 33.0   |





#57

1,3-Dichloropropane

Concen: 108.507 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampled :

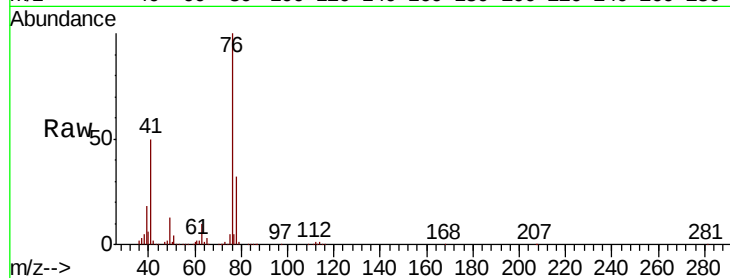
VSTDIC100

Tot Ion: 76 Resp: 403182

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

250000

200000

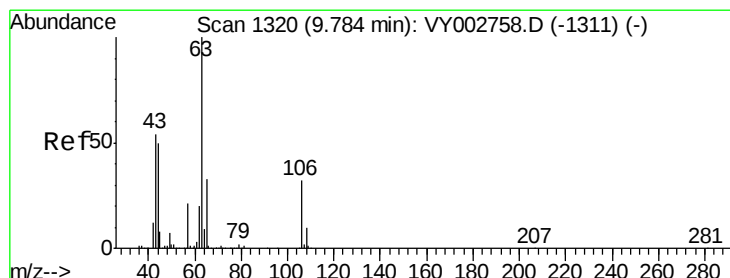
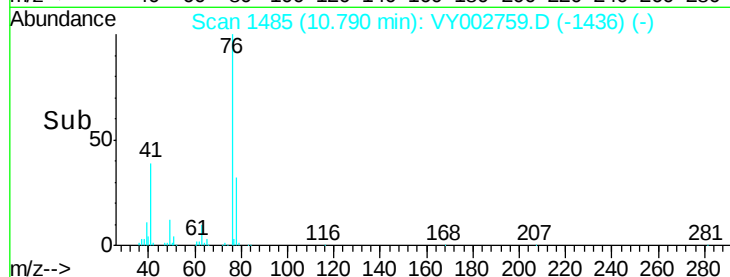
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 522.026 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002759.D

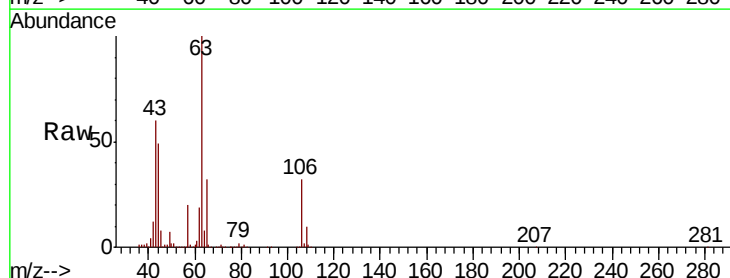
Acq: 27 May 2020 12:37

Tgt Ion: 63 Resp: 759579

Ion Ratio Lower Upper

63 100

106 32.1 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

500000

400000

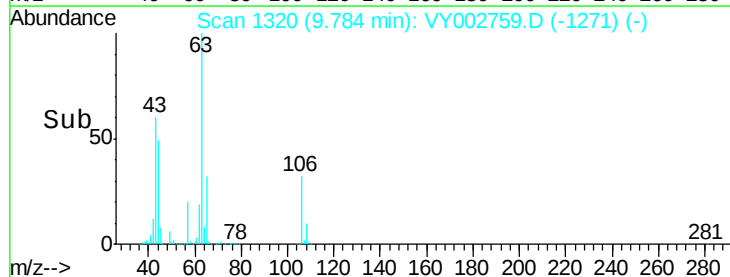
300000

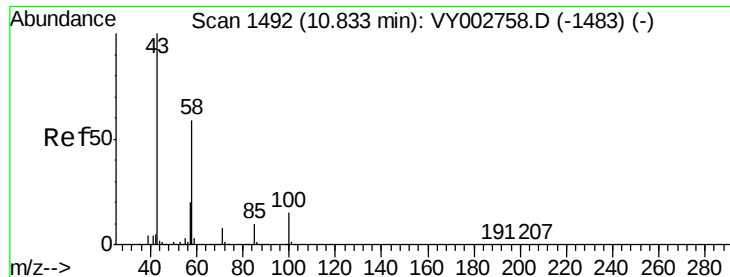
200000

100000

0

Time-->

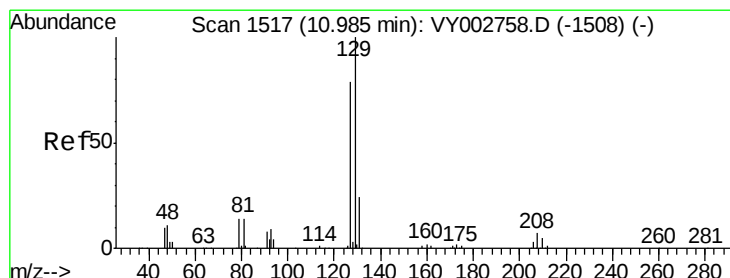
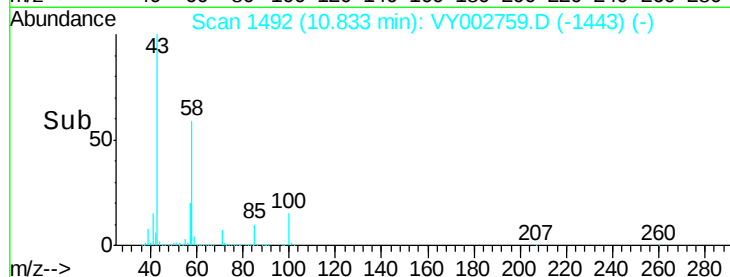
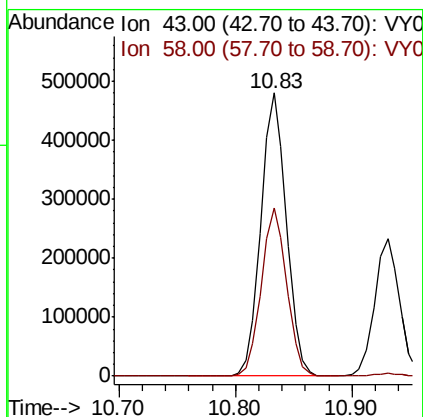
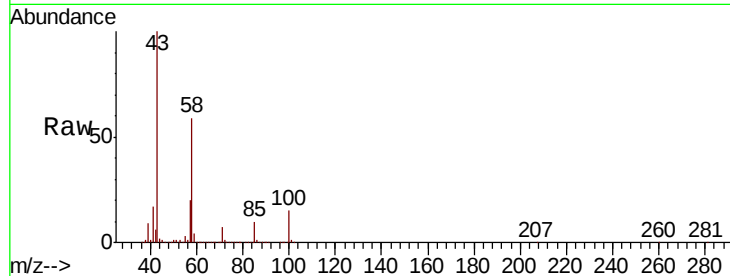




#59  
2-Hexanone  
Concen: 570.446 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

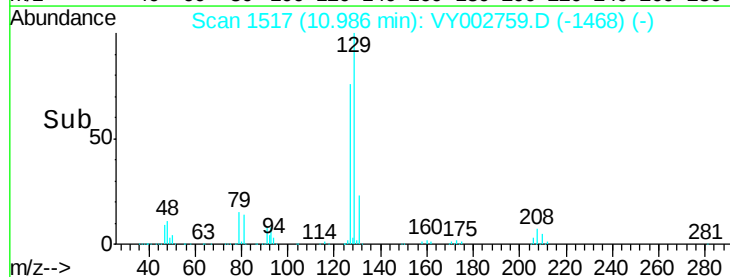
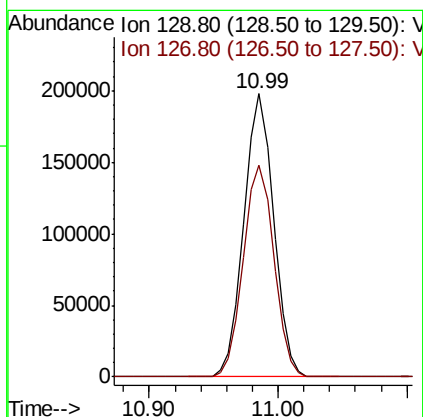
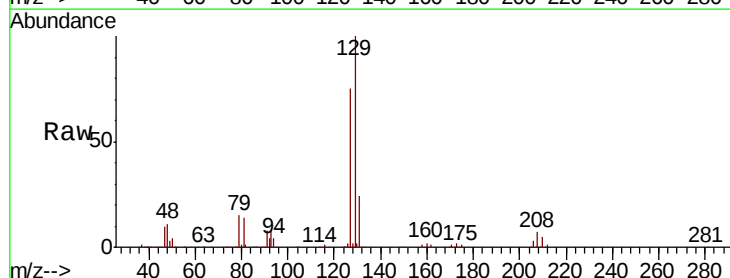
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

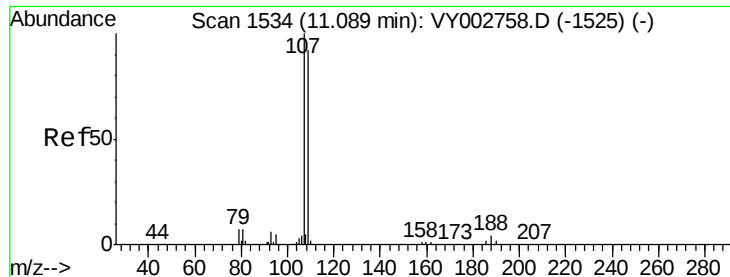
Tot Ion: 43 Resp: 728527  
Ion Ratio Lower Upper  
43 100  
58 59.1 29.5 88.5



#60  
Dibromochloromethane  
Concen: 111.405 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion: 129 Resp: 316249  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.3

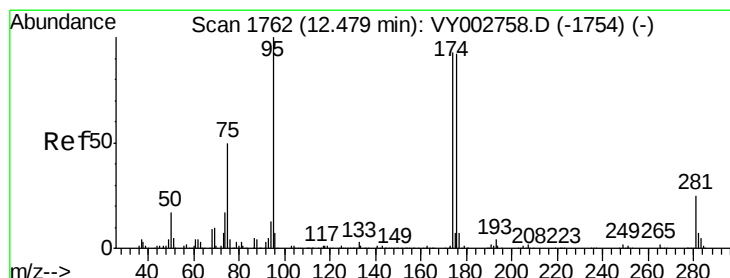
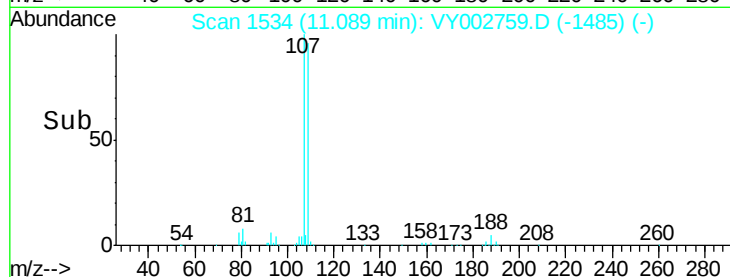
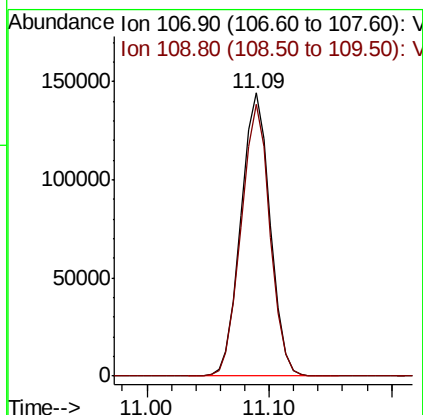
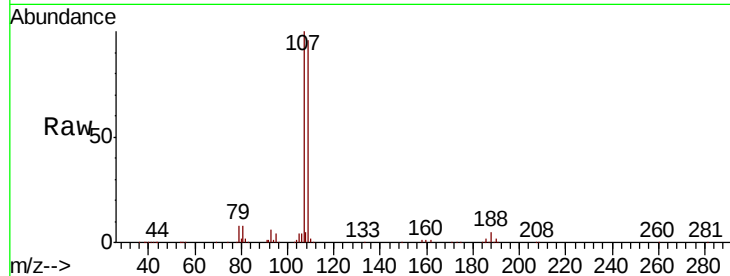




#61  
 1,2-Dibromoethane  
 Concen: 108.948 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

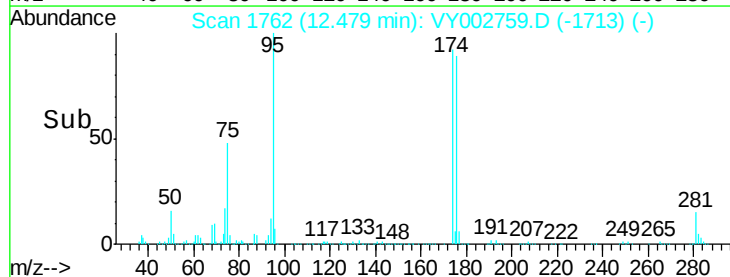
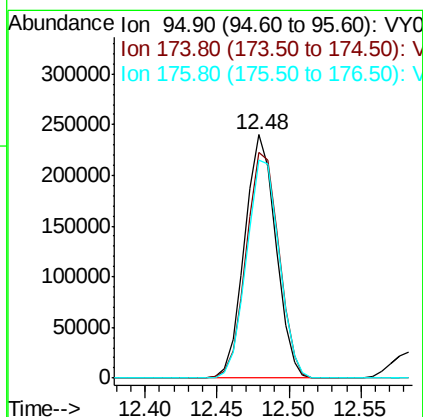
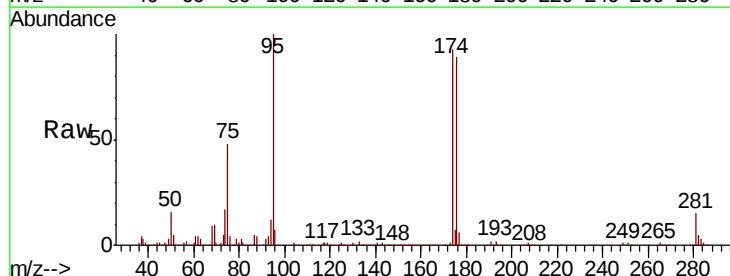
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

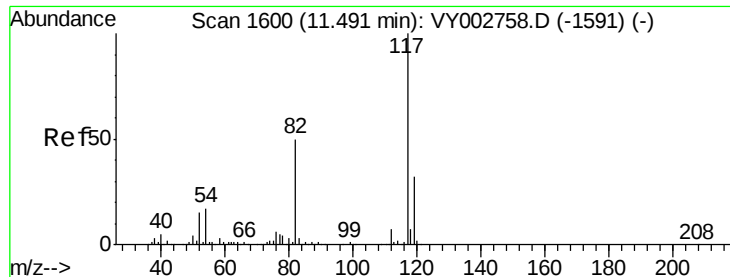
Tot Ion:107 Resp: 239281  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 103.798 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Tgt Ion: 95 Resp: 360167  
 Ion Ratio Lower Upper  
 95 100  
 174 96.6 0.0 191.2  
 176 93.3 0.0 188.8

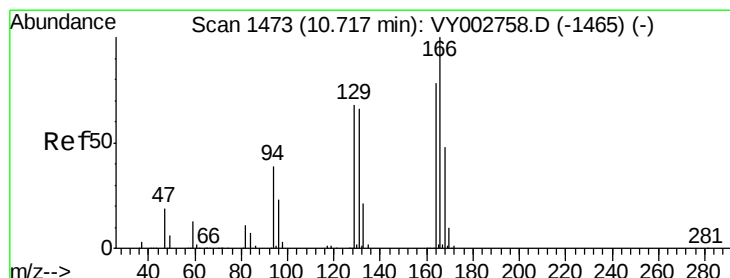
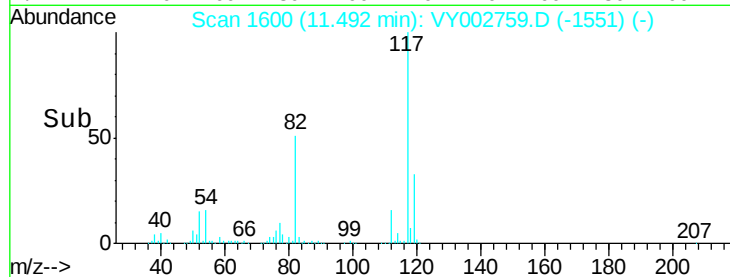
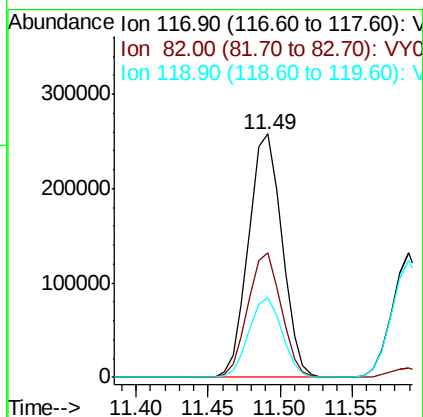
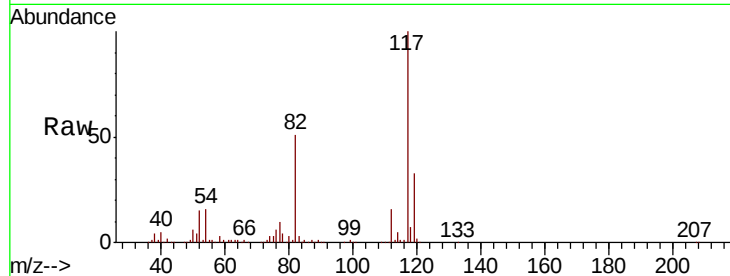




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

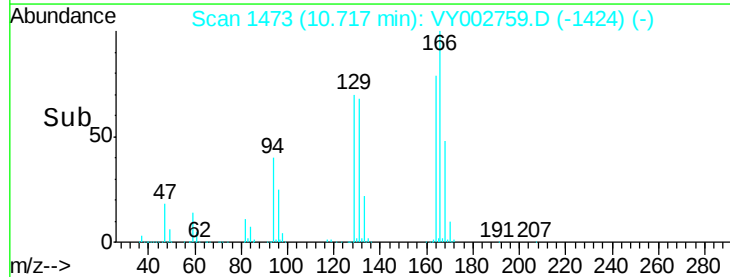
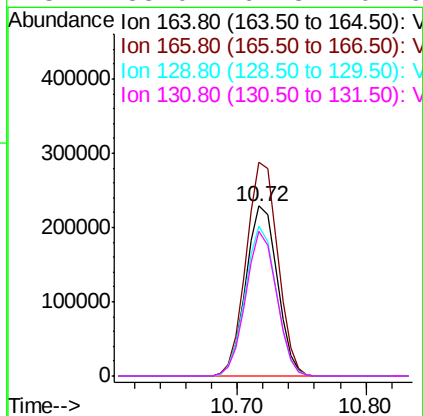
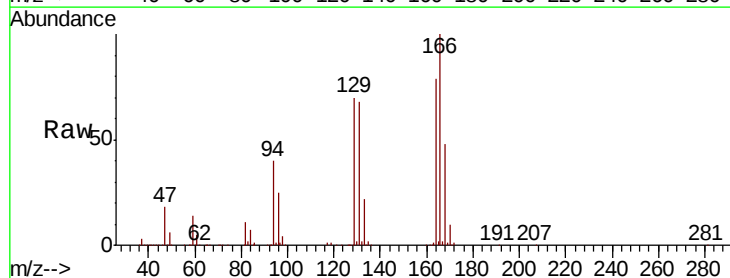
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

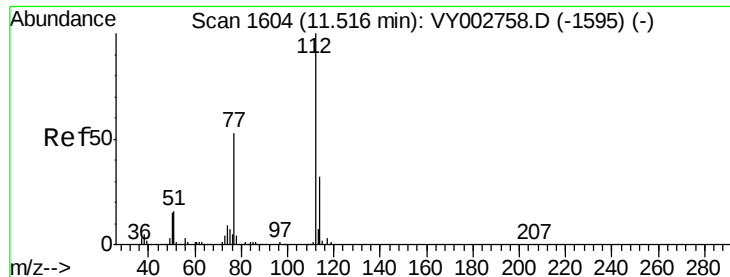
Tot Ion:117 Resp: 415851  
Ion Ratio Lower Upper  
117 100  
82 51.0 40.2 60.4  
119 32.6 25.8 38.8



#64  
Tetrachloroethene  
Concen: 98.736 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion:164 Resp: 385177  
Ion Ratio Lower Upper  
164 100  
166 125.8 102.3 153.5  
129 88.4 69.4 104.2  
131 85.0 67.8 101.6

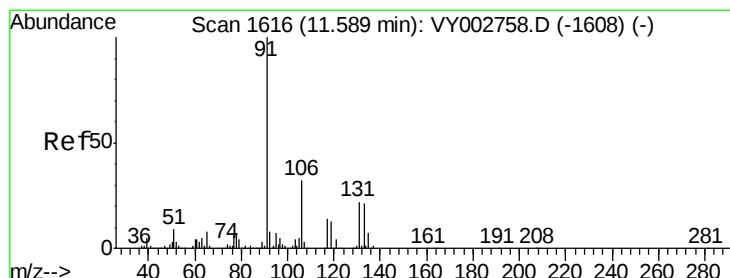
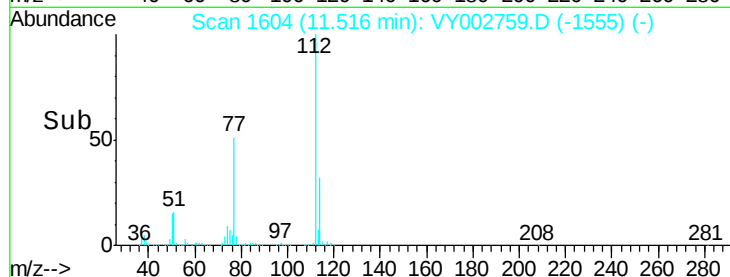
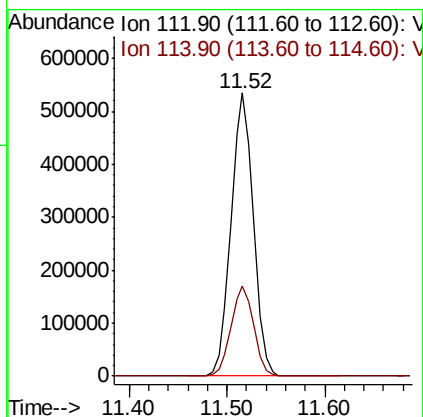
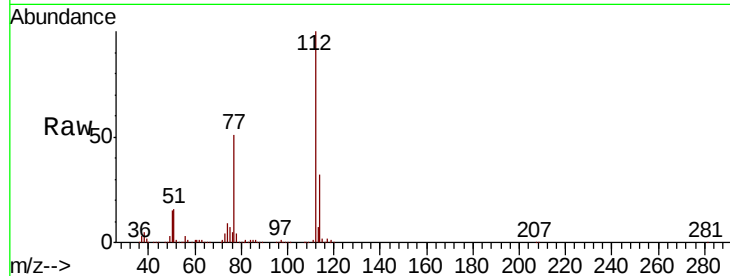




#65  
Chlorobenzene  
Concen: 104.891 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

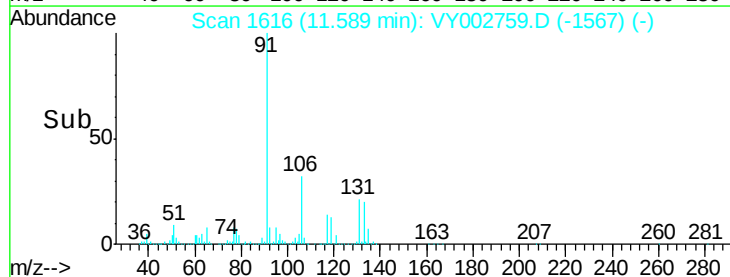
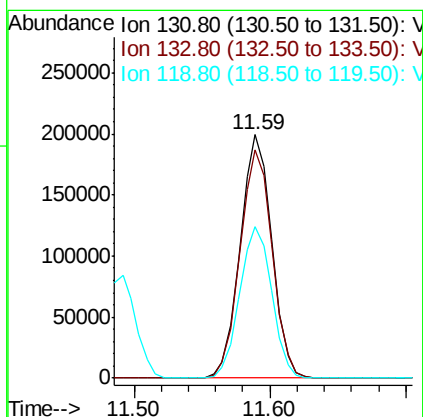
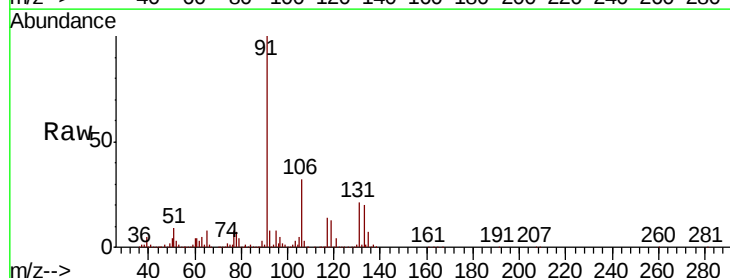
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

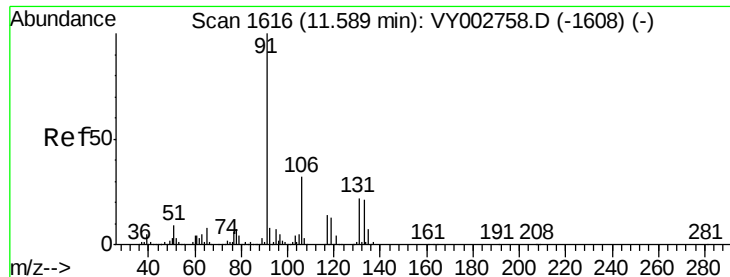
Tot Ion:112 Resp: 842462  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 108.062 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion:131 Resp: 323335  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.6 142.8  
119 63.2 31.7 95.1





#67

Ethyl Benzene

Concen: 105.188 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

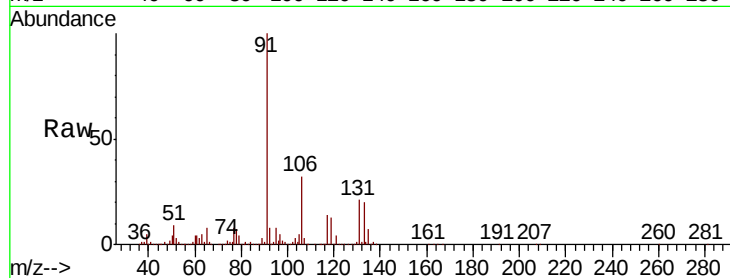
VSTDIC100

Tot Ion: 91 Resp: 1479744

Ion Ratio Lower Upper

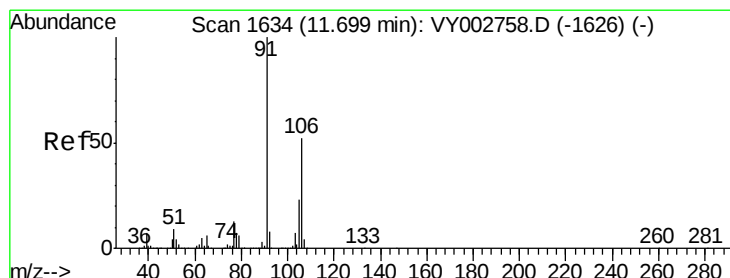
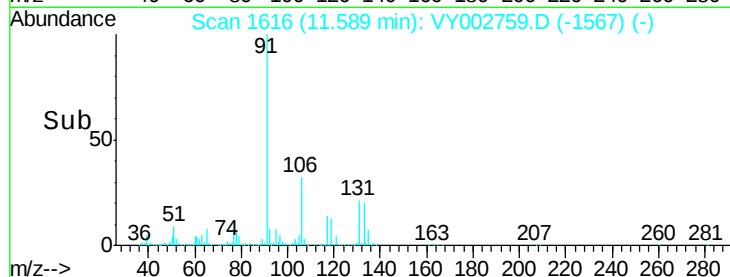
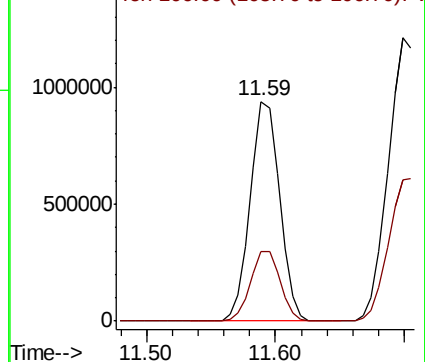
91 100

106 31.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 209.370 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002759.D

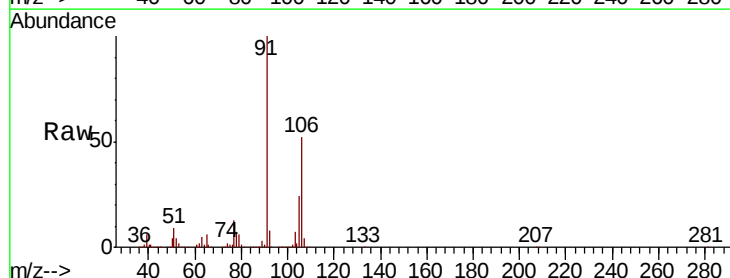
Acq: 27 May 2020 12:37

Tgt Ion: 106 Resp: 1146147

Ion Ratio Lower Upper

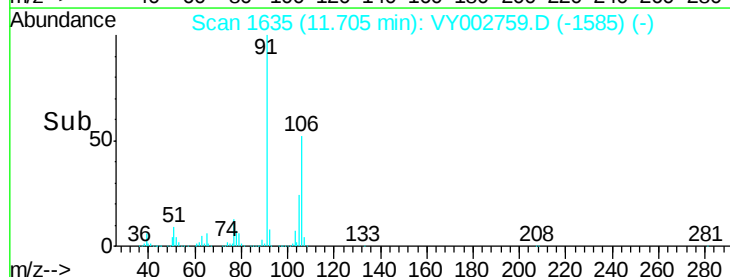
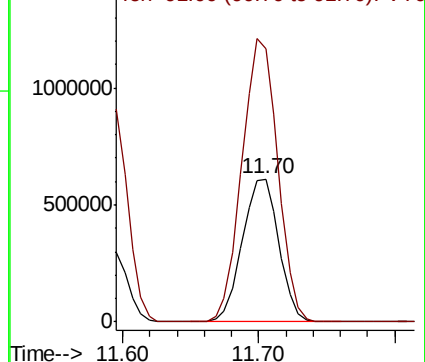
106 100

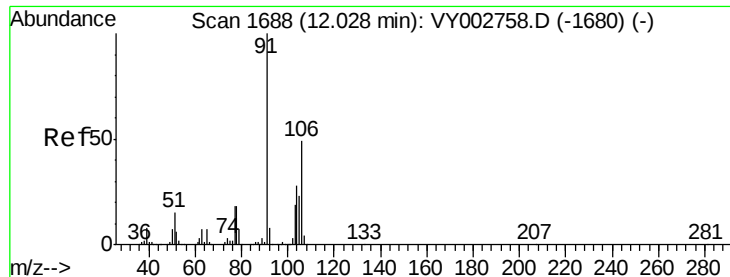
91 194.4 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

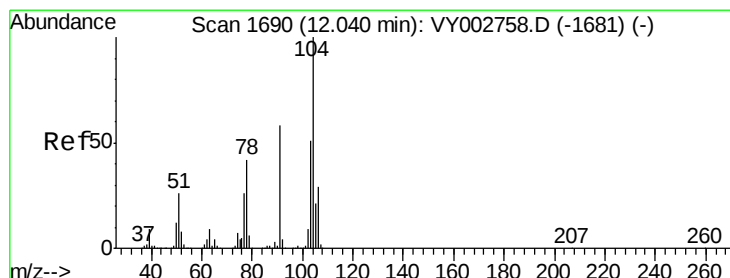
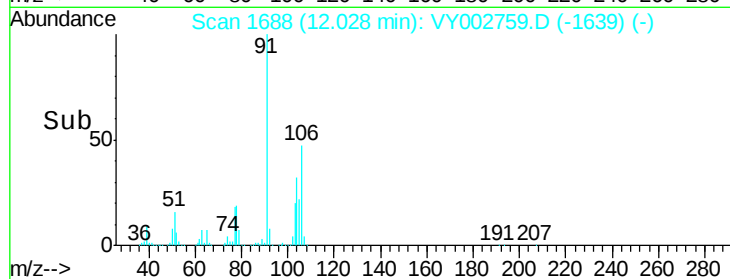
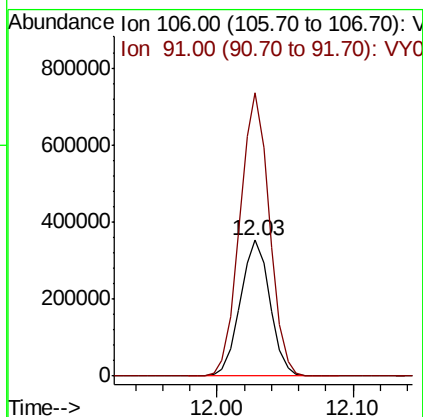
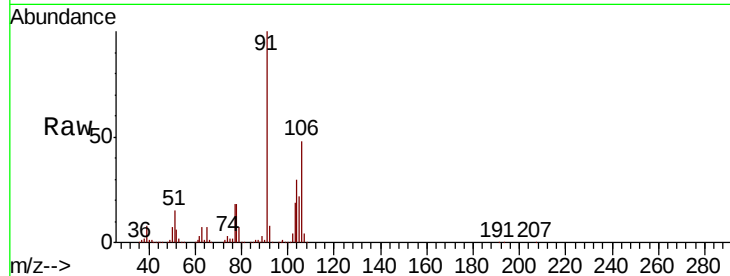




#69  
o-Xylene  
Concen: 104.226 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

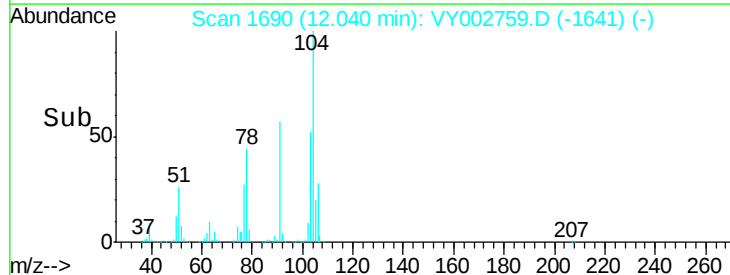
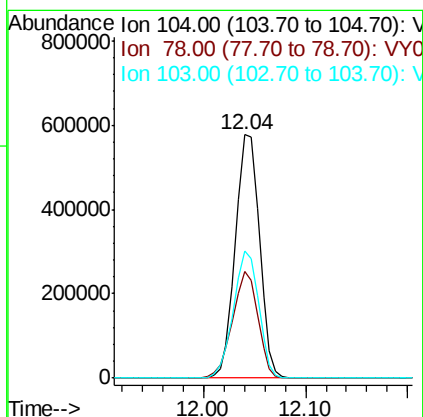
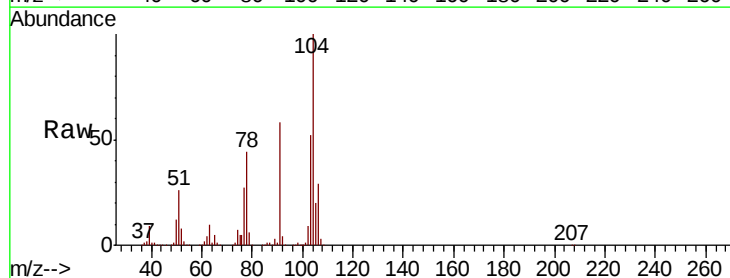
Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC100

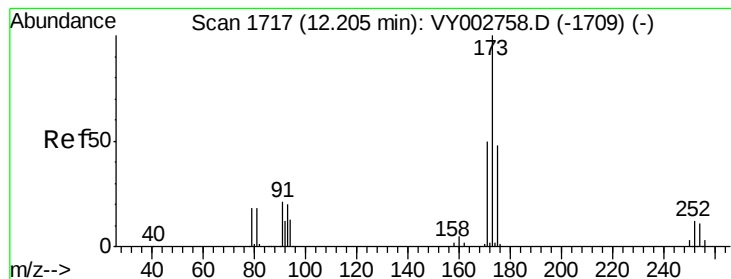
Tot Ion:106 Resp: 536360  
Ion Ratio Lower Upper  
106 100  
91 207.6 102.4 307.1



#70  
Styrene  
Concen: 106.588 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion:104 Resp: 943086  
Ion Ratio Lower Upper  
104 100  
78 46.0 36.2 54.4  
103 54.6 43.6 65.4





#71

Bromoform

Concen: 113.519 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

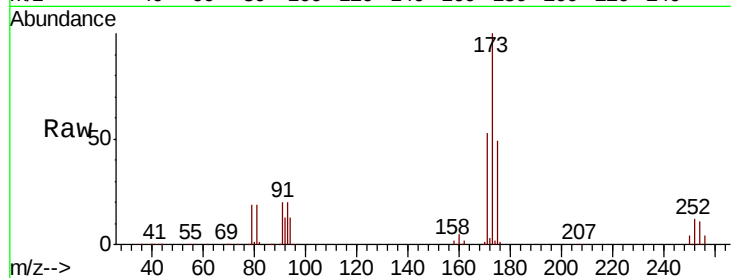
Tot Ion:173 Resp: 211832

Ion Ratio Lower Upper

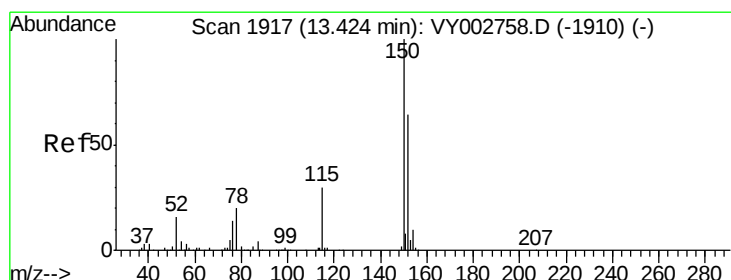
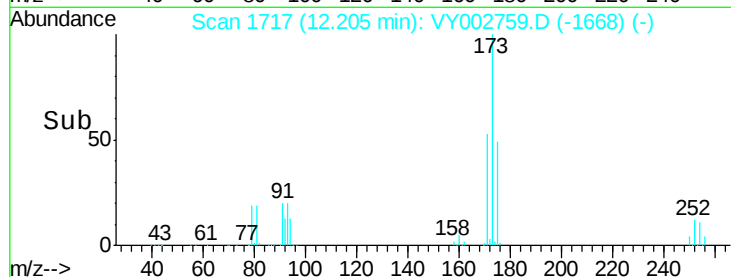
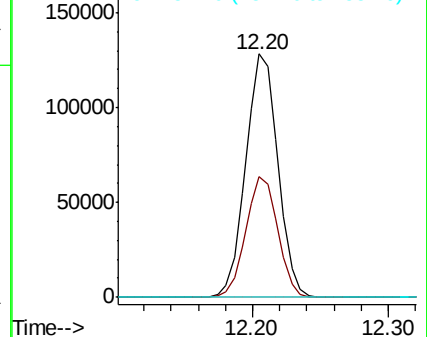
173 100

175 49.1 24.3 72.8

254 0.2 0.1 0.1#



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

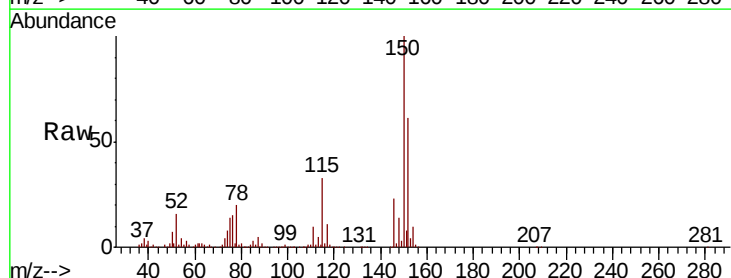
Tgt Ion:152 Resp: 220432

Ion Ratio Lower Upper

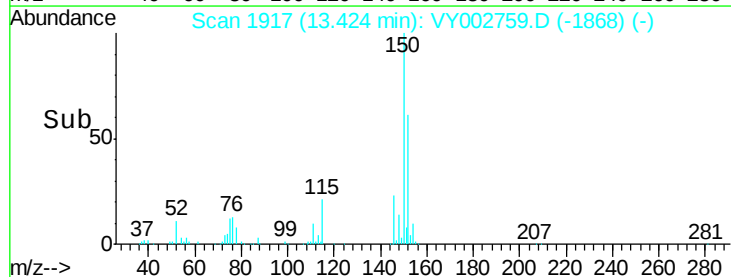
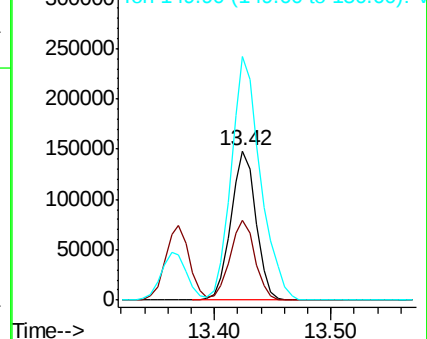
152 100

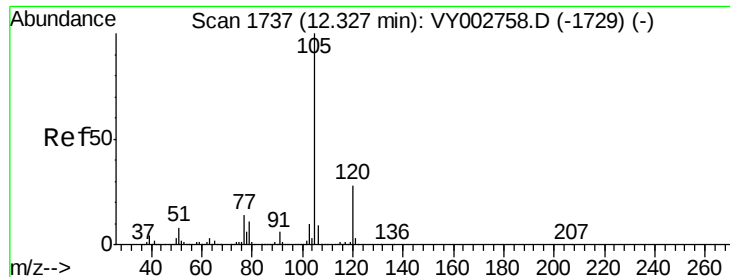
115 53.4 27.0 81.0

150 190.2 0.0 344.8



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: 103.198 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

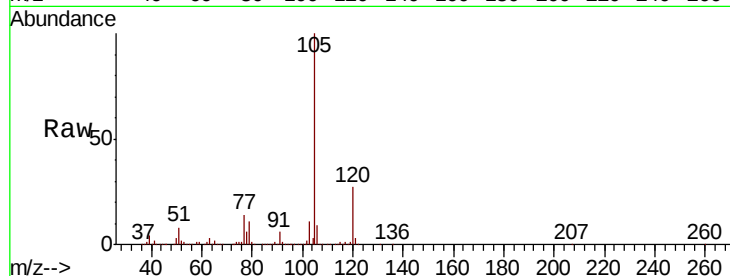
VSTDIC100

Tot Ion:105 Resp: 1476485

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

1000000

800000

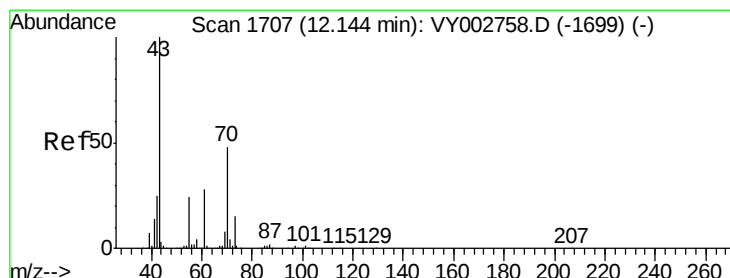
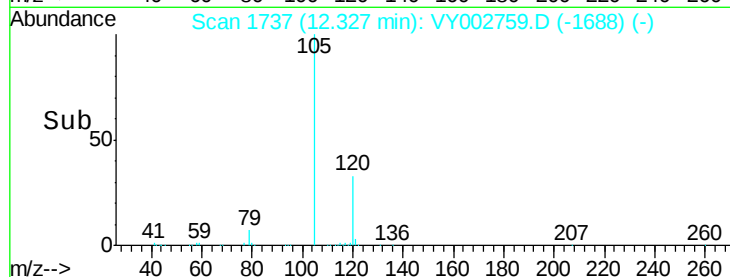
600000

400000

200000

0

Time--> 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 110.241 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Tgt Ion: 43 Resp: 375315

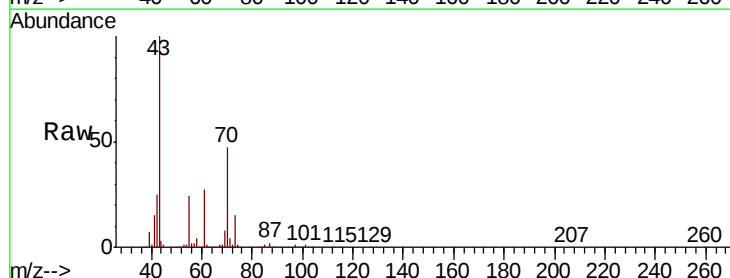
Ion Ratio Lower Upper

43 100

70 47.4 37.7 56.5

55 23.8 19.8 29.6

61 26.5 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

400000

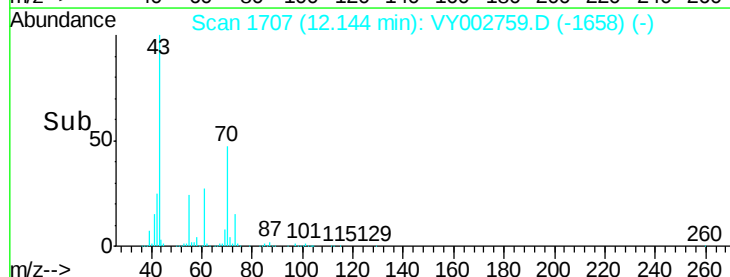
300000

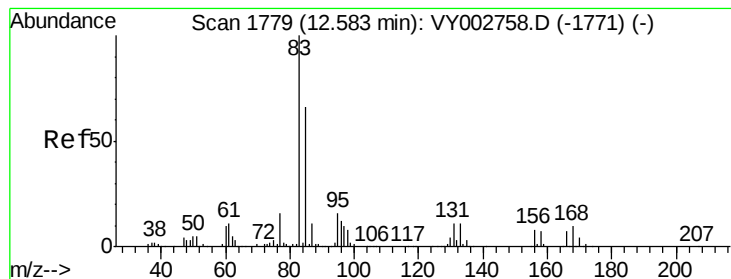
200000

100000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 114.516 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

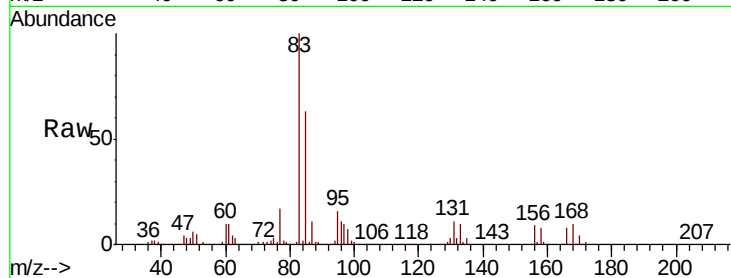
Tot Ion: 83 Resp: 248743

Ion Ratio Lower Upper

83 100

131 12.0 5.8 17.4

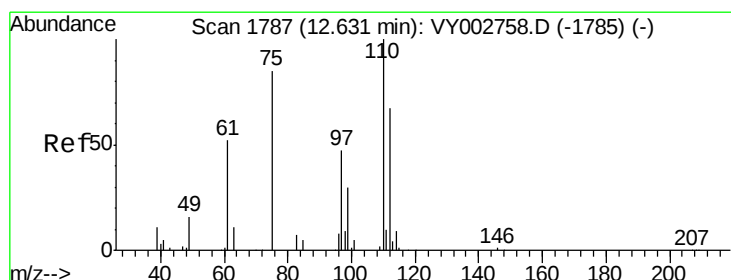
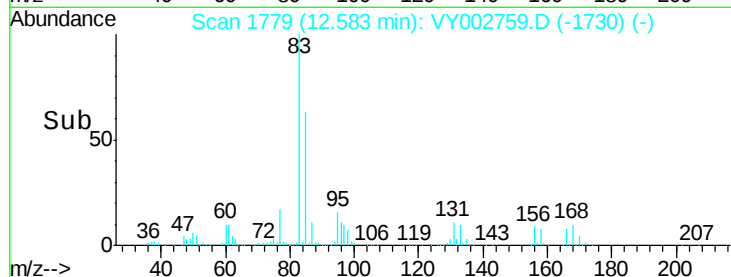
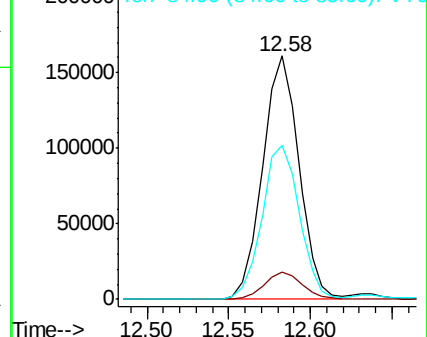
85 65.1 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002759.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002759.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002759.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 204.030 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002759.D

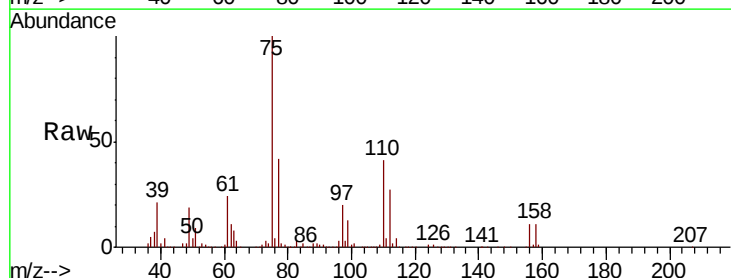
Acq: 27 May 2020 12:37

Tgt Ion: 75 Resp: 372101

Ion Ratio Lower Upper

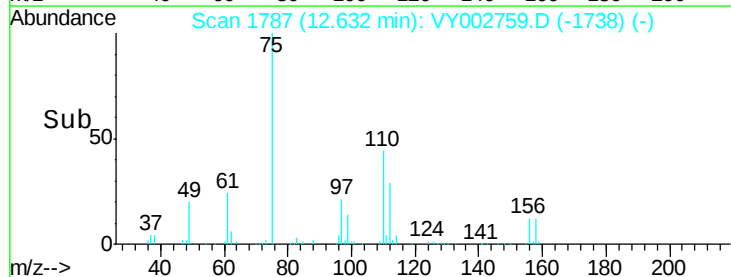
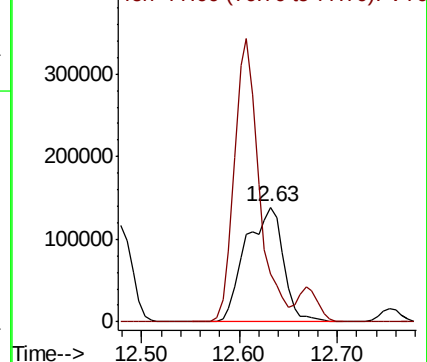
75 100

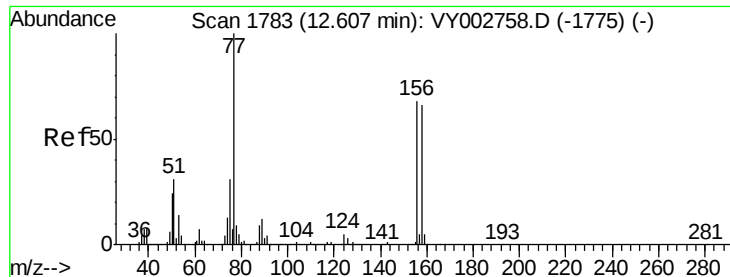
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002759.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002759.D (-1738) (-)





#77

Bromobenzene

Concen: 105.146 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

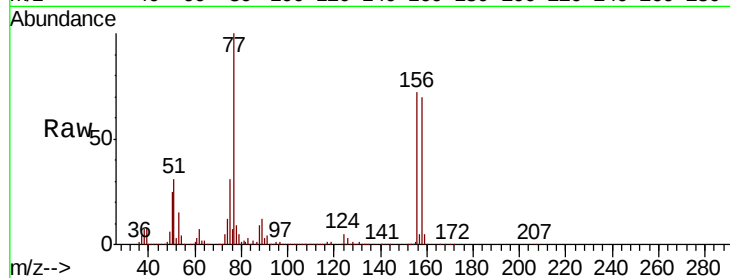
Tot Ion:156 Resp: 378324

Ion Ratio Lower Upper

156 100

77 159.5 81.4 244.2

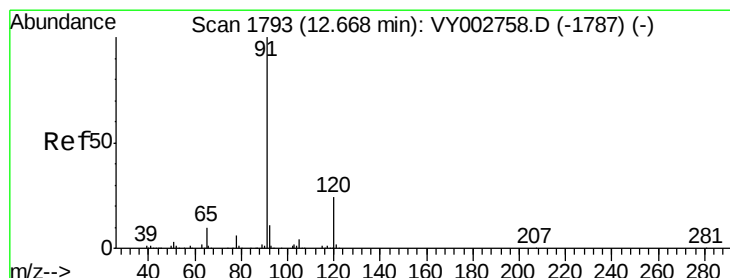
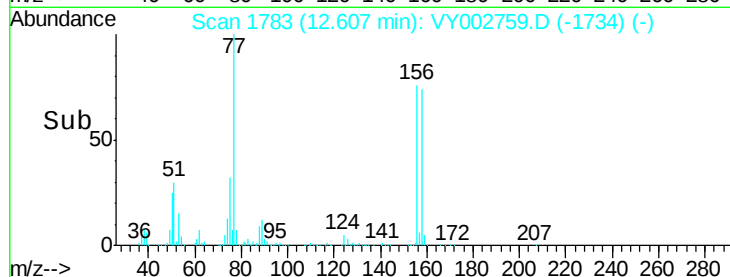
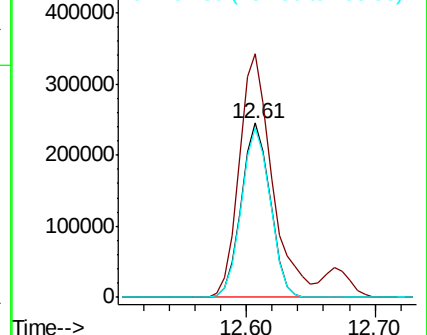
158 97.3 48.5 145.6



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: 102.047 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002759.D

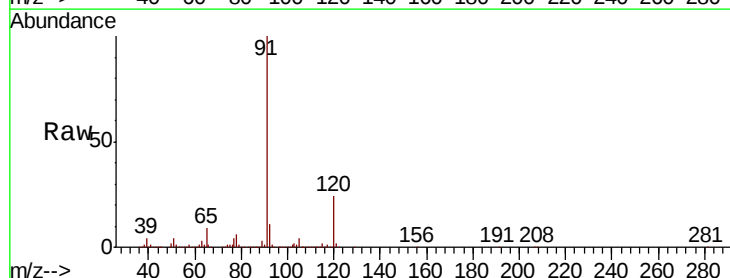
Acq: 27 May 2020 12:37

Tgt Ion: 91 Resp: 1698302

Ion Ratio Lower Upper

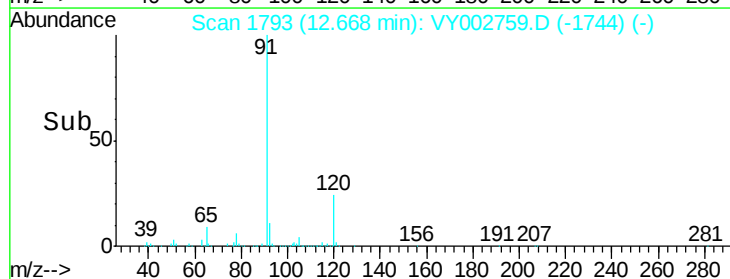
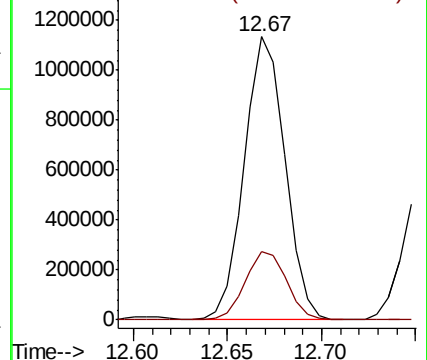
91 100

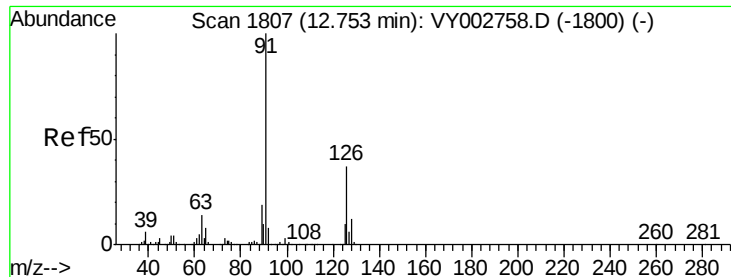
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 102.395 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

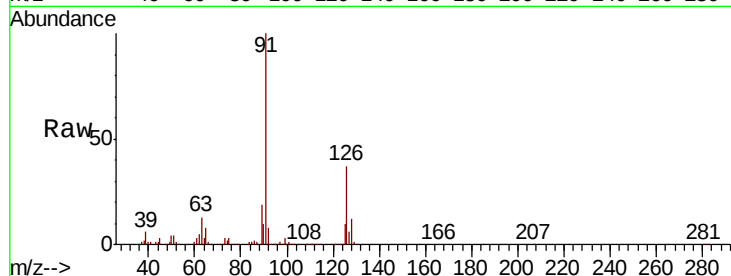
VSTDIC100

Tot Ion: 91 Resp: 946265

Ion Ratio Lower Upper

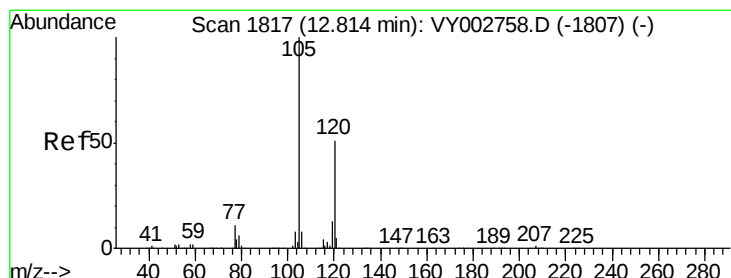
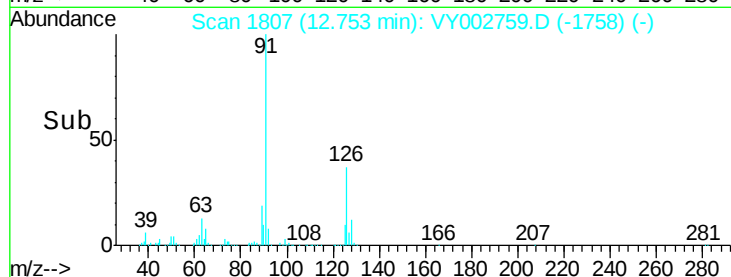
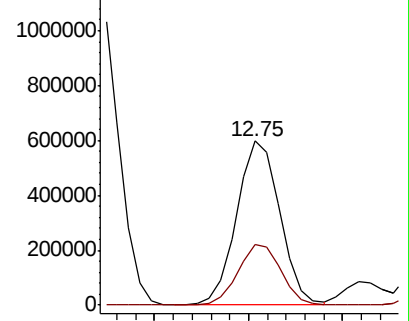
91 100

126 37.1 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY002758.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 102.655 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002759.D

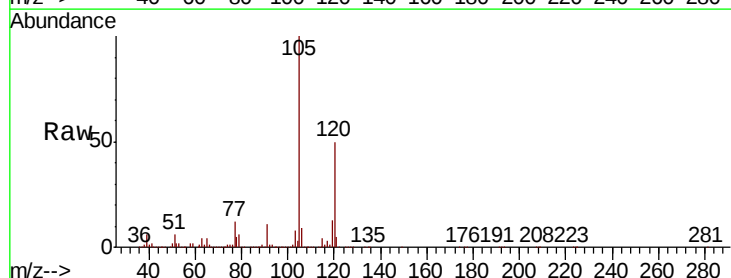
Acq: 27 May 2020 12:37

Tgt Ion:105 Resp: 1234243

Ion Ratio Lower Upper

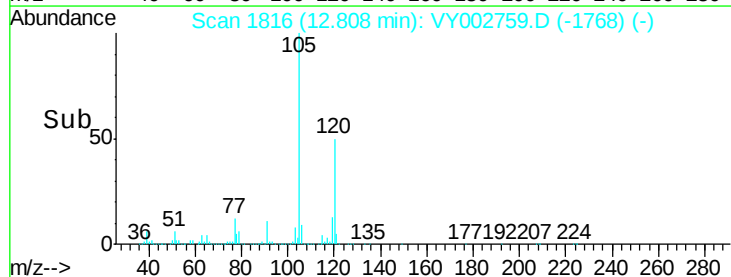
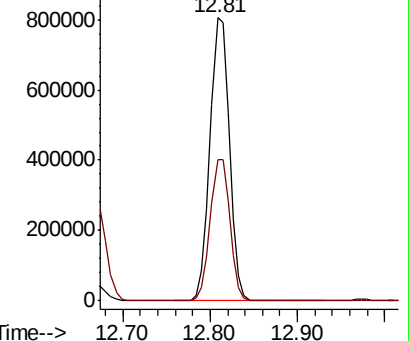
105 100

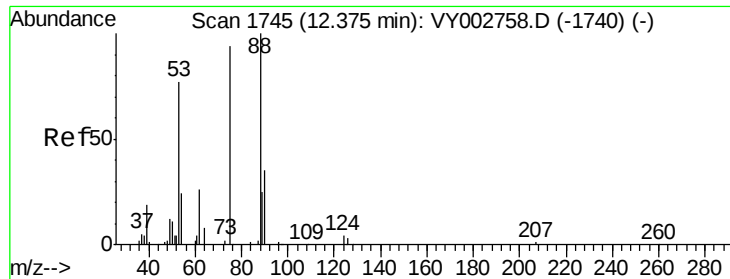
120 50.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002758.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 109.804 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC100

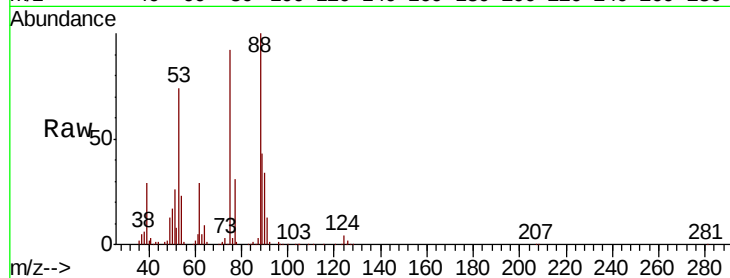
Tot Ion: 75 Resp: 106802

Ion Ratio Lower Upper

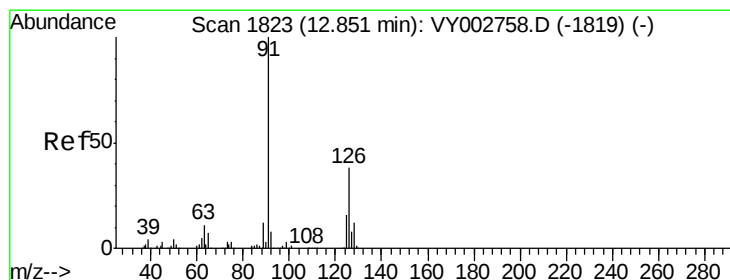
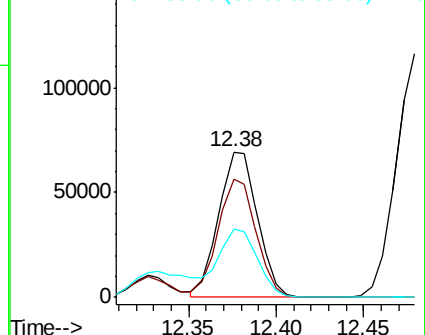
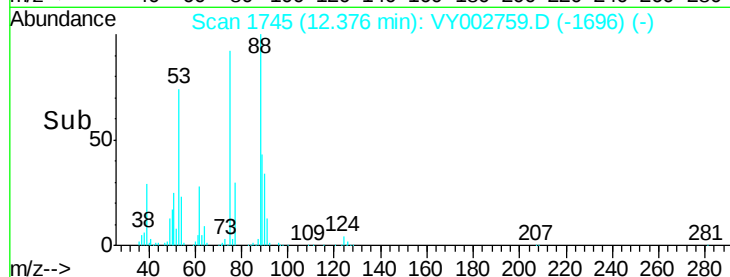
75 100

53 80.7 64.0 96.0

89 46.7 37.4 56.2



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: 102.029 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY002759.D

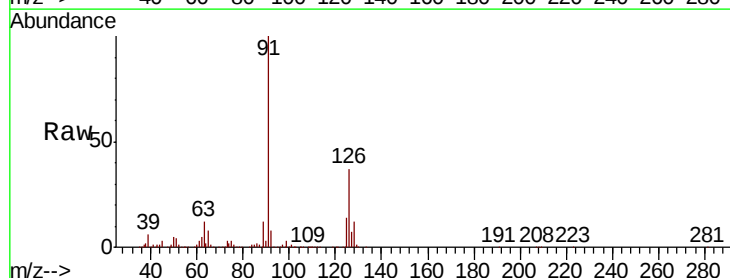
Acq: 27 May 2020 12:37

Tgt Ion: 91 Resp: 990726

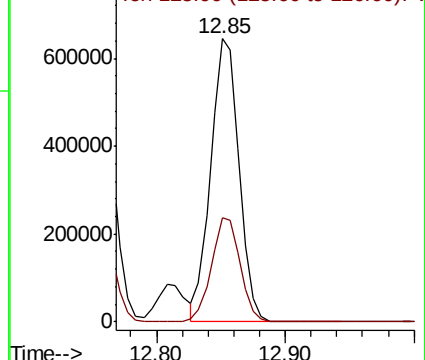
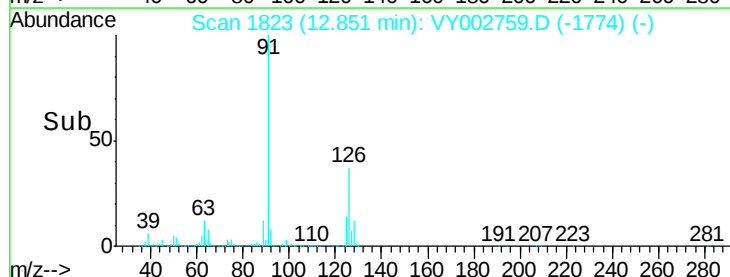
Ion Ratio Lower Upper

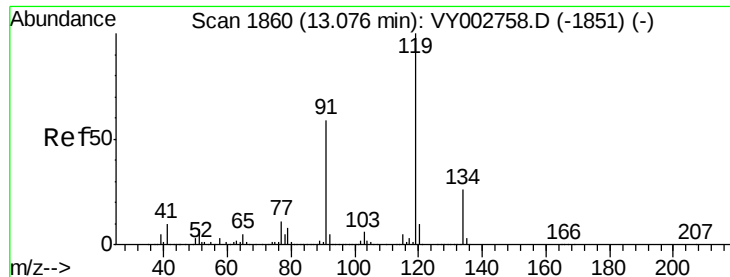
91 100

126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 125.90 (125.60 to 126.60): V

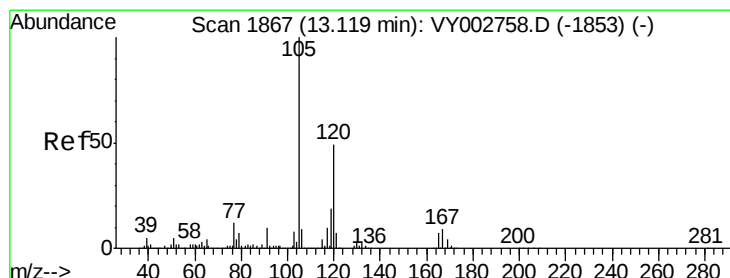
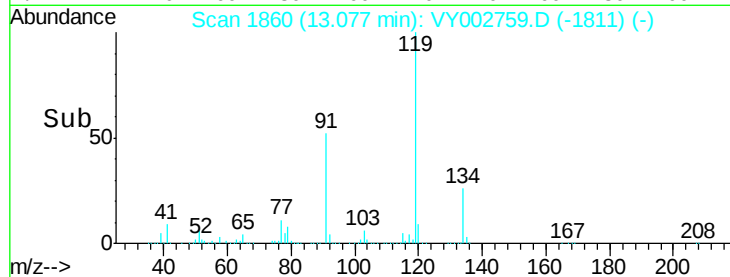
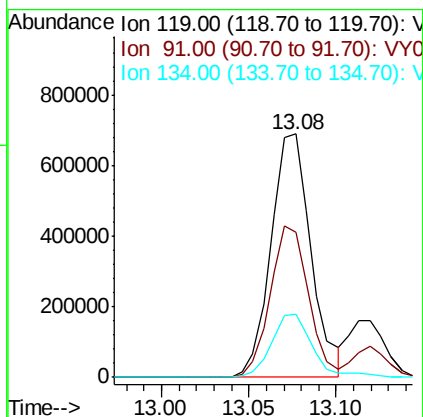
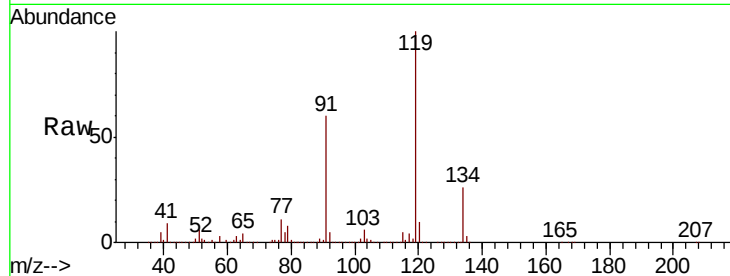




#83  
 tert-Butylbenzene  
 Concen: 103.121 ug/l  
 RT: 13.08 min Scan# 1860  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

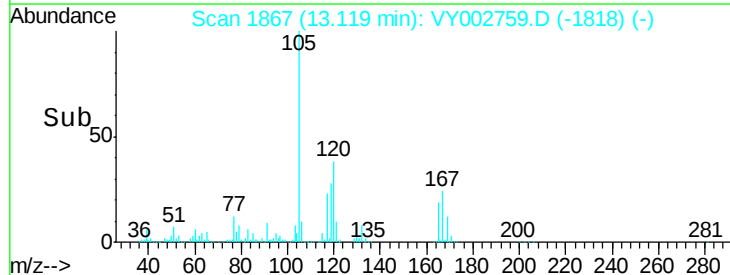
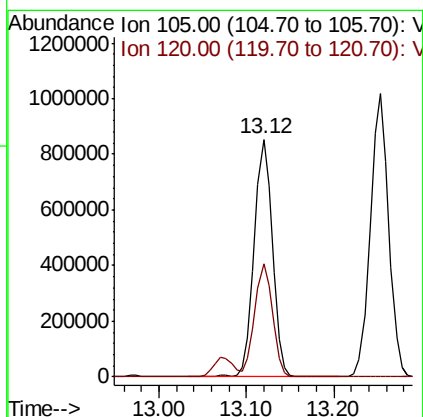
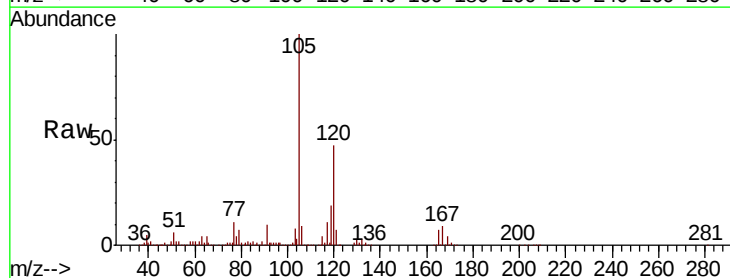
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

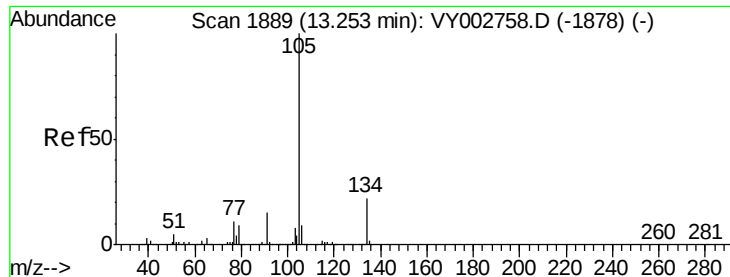
Tot Ion:119 Resp: 1100229  
 Ion Ratio Lower Upper  
 119 100  
 91 59.7 29.8 89.4  
 134 26.7 13.3 39.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 102.416 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Tgt Ion:105 Resp: 1232640  
 Ion Ratio Lower Upper  
 105 100  
 120 46.4 23.6 70.8





#85

sec-Butylbenzene

Concen: 101.550 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

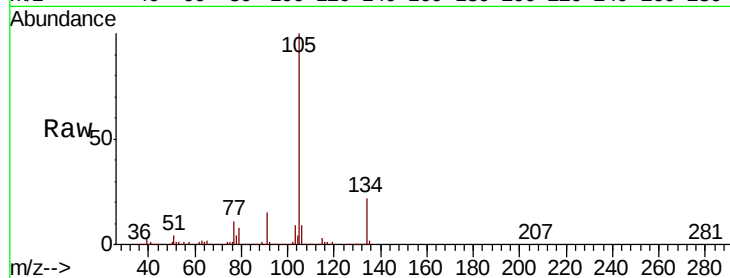
VSTDIC100

Tot Ion:105 Resp: 1491386

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1200000

1000000

800000

600000

400000

200000

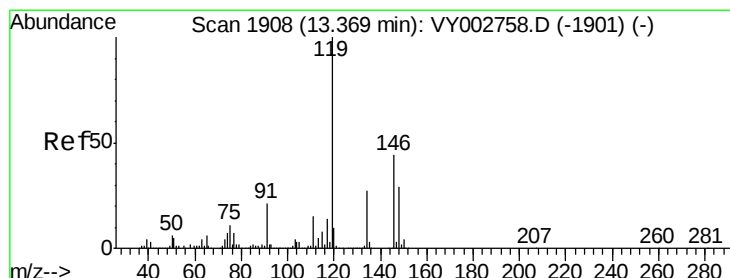
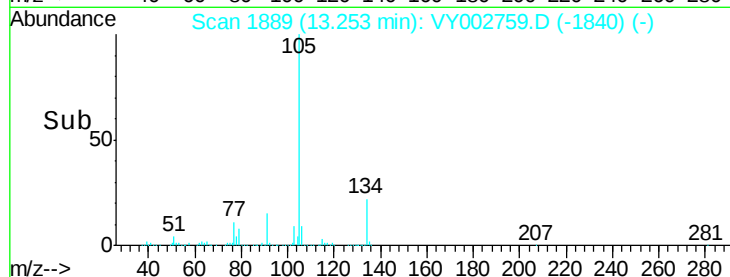
0

13.25

13.20

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 102.121 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

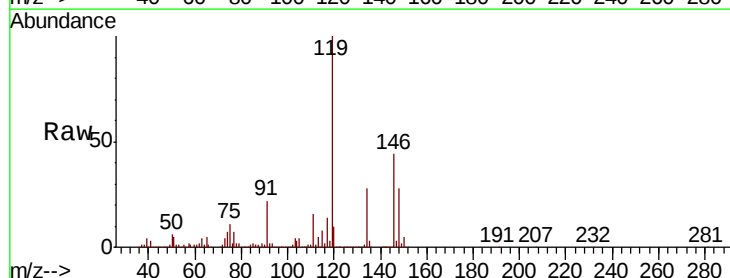
Tgt Ion:119 Resp: 1402010

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 21.7 10.8 32.4



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

1200000

1000000

800000

600000

400000

200000

0

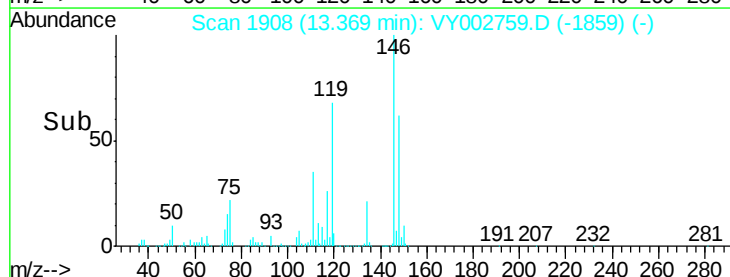
13.37

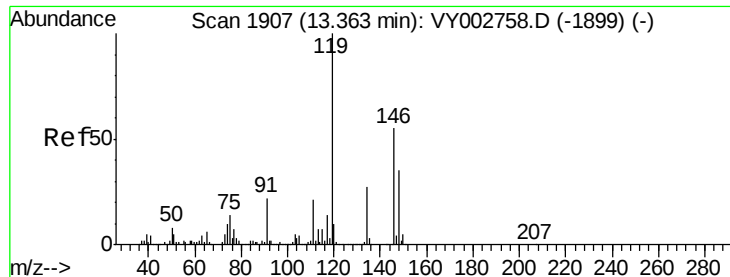
13.30

13.40

13.45

Time-->





#87

1,3-Dichlorobenzene

Concen: 102.075 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC100

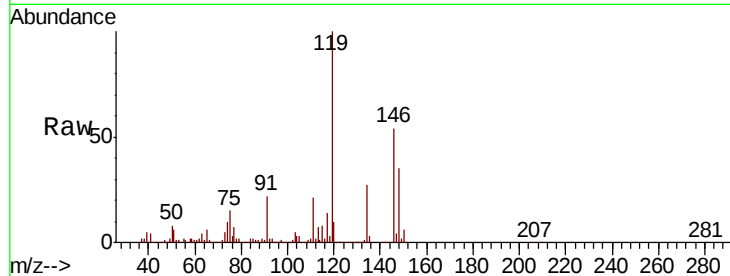
Tot Ion:146 Resp: 708281

Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.0

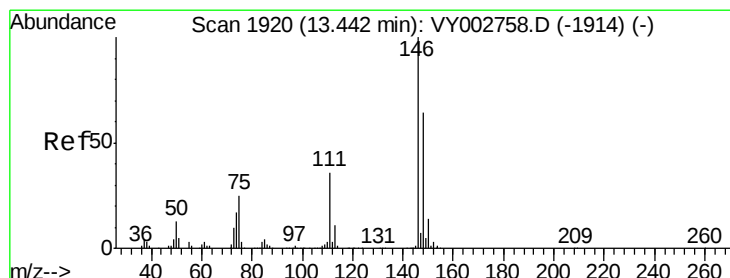
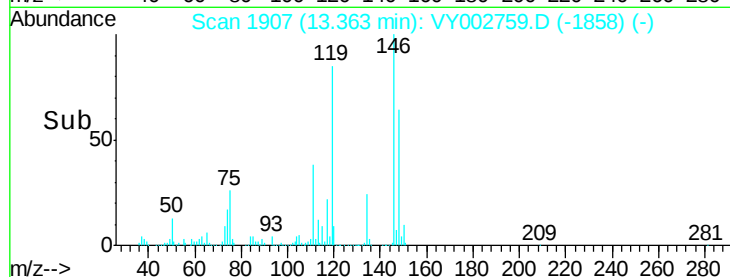
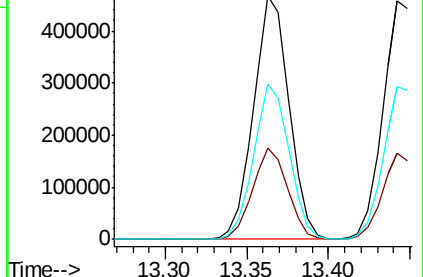
148 63.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 102.511 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY002759.D

Acq: 27 May 2020 12:37

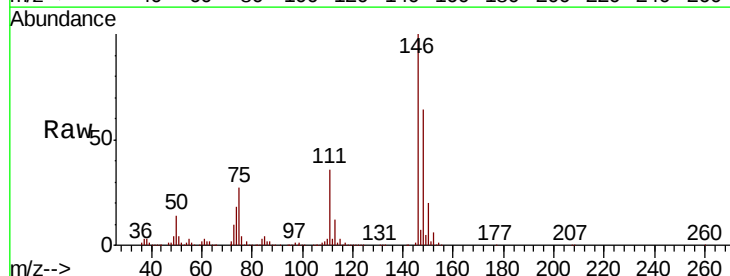
Tgt Ion:146 Resp: 708114

Ion Ratio Lower Upper

146 100

111 35.4 18.1 54.3

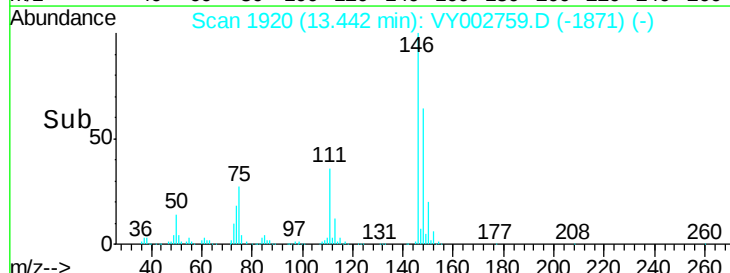
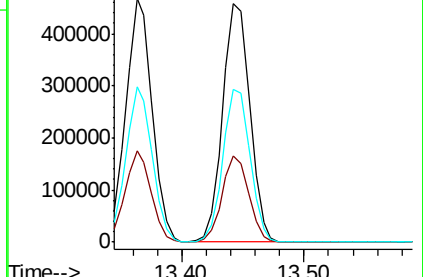
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

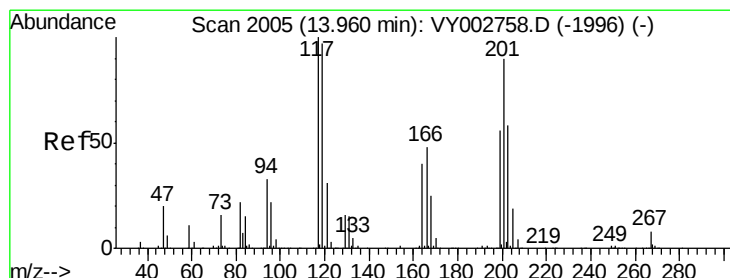
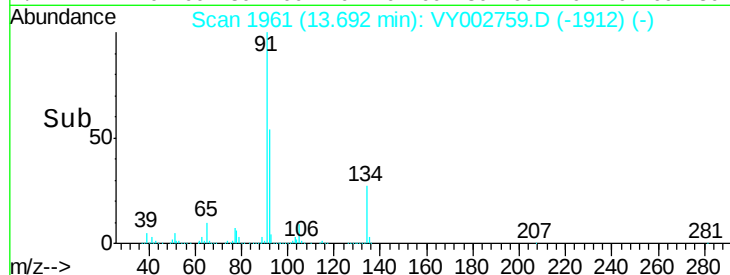
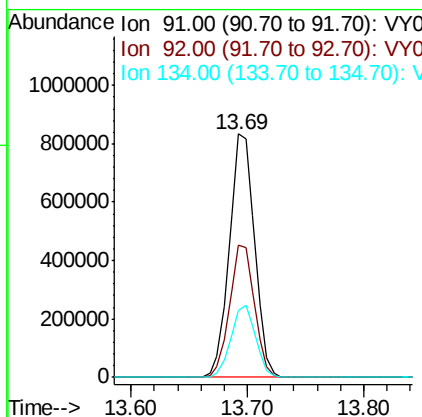
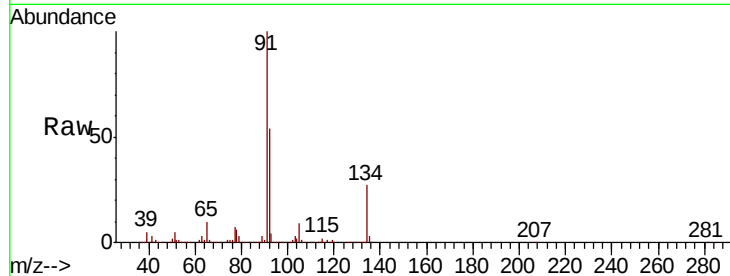




#89  
n-Butylbenzene  
Concen: 99.406 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

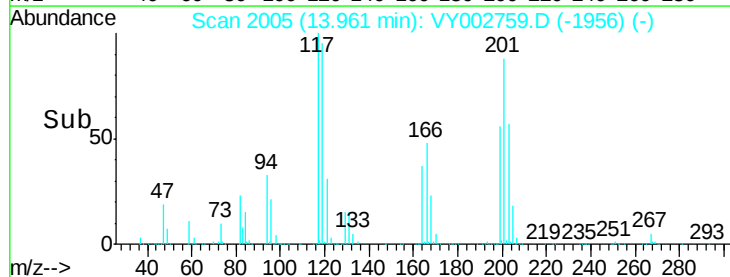
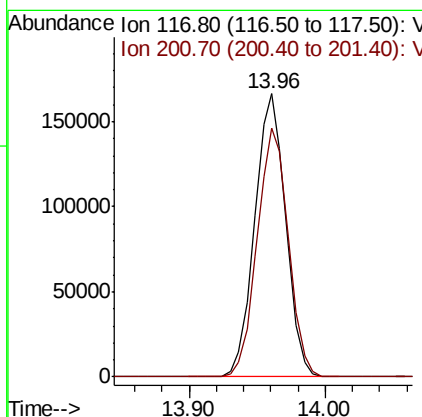
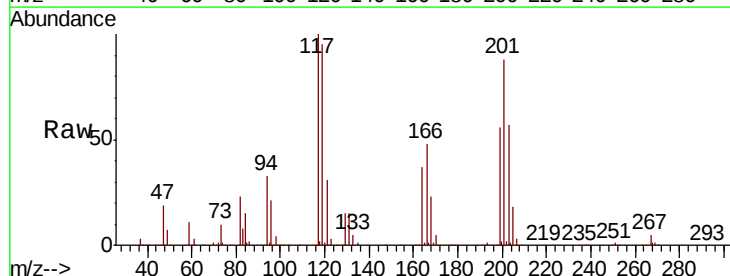
Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC100

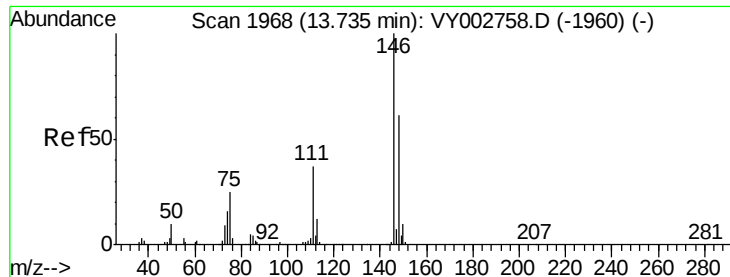
Tot Ion: 91 Resp: 1253490  
Ion Ratio Lower Upper  
91 100  
92 53.9 27.1 81.2  
134 29.0 14.3 42.9



#90  
Hexachloroethane  
Concen: 103.857 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion: 117 Resp: 264789  
Ion Ratio Lower Upper  
117 100  
201 88.6 43.9 131.6

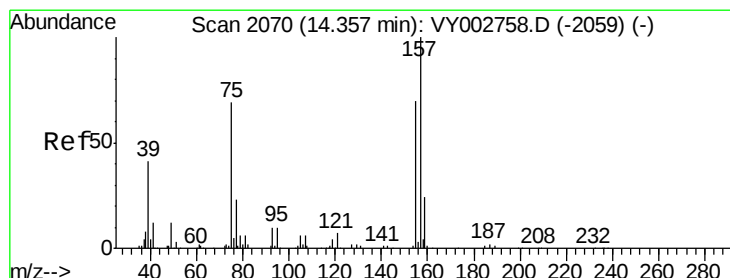
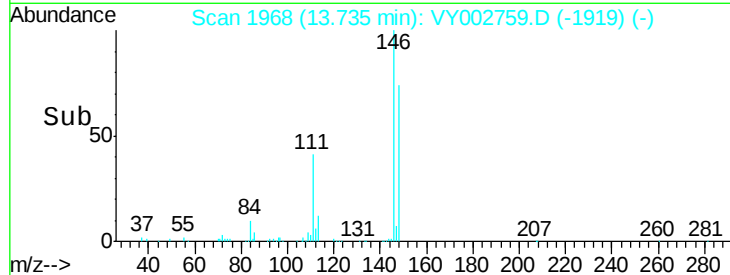
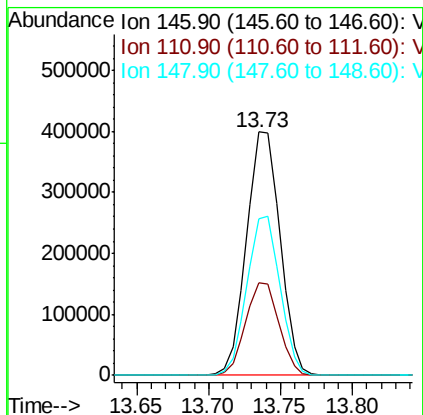
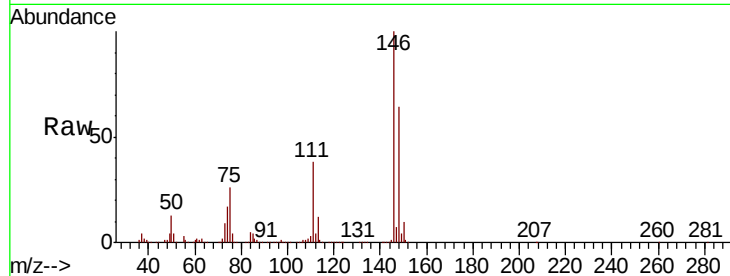




#91  
 1,2-Dichlorobenzene  
 Concen: 102.951 ug/l  
 RT: 13.73 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

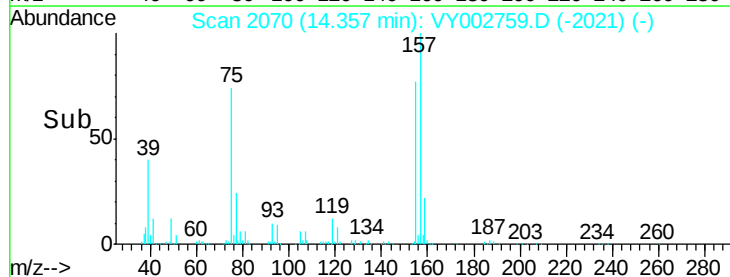
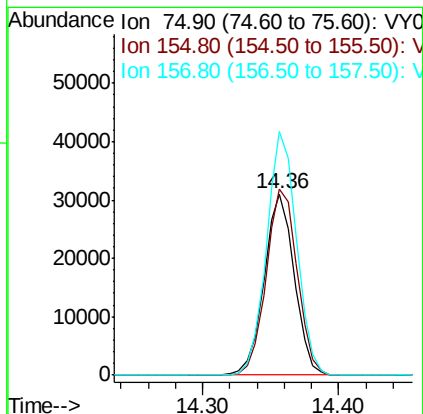
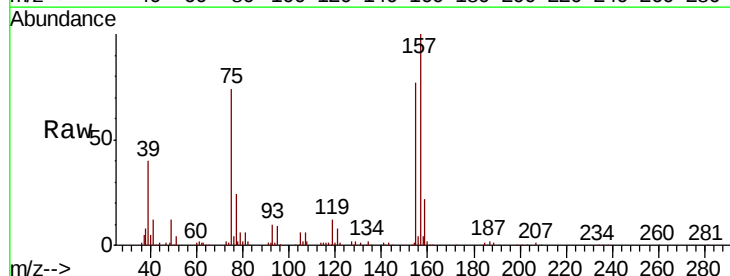
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

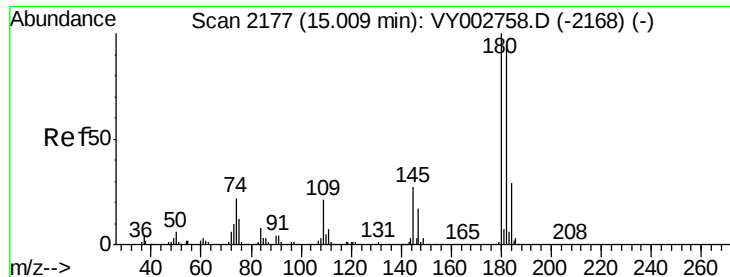
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 18.9  | 56.9  |
| 148     | 64.4  | 31.9  | 95.5  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 115.467 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 105.7 | 53.5  | 160.5 |
| 157     | 133.7 | 69.9  | 209.7 |

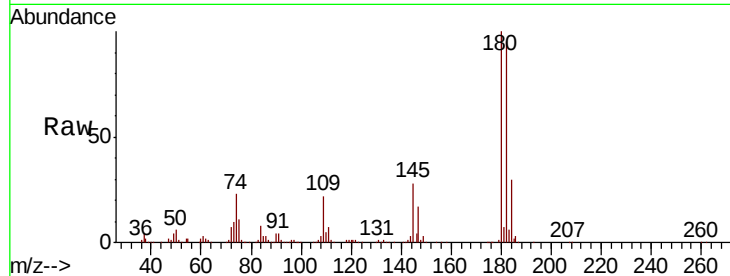




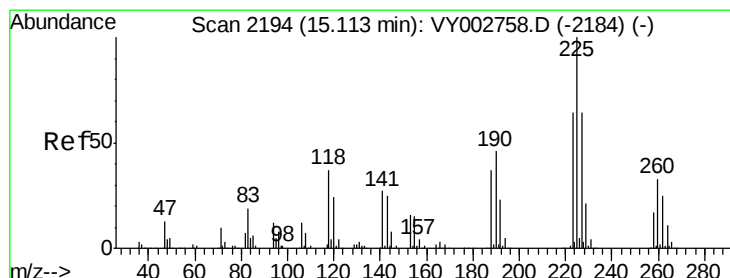
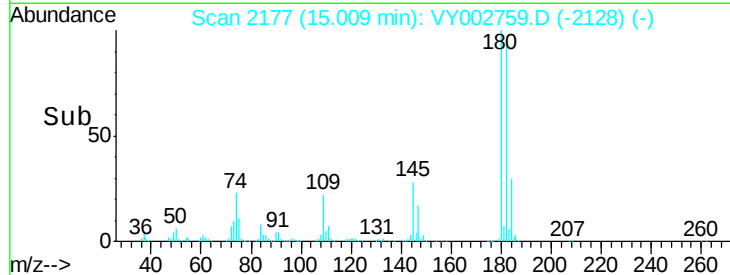
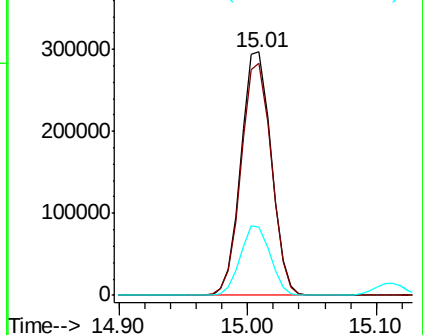
#93  
 1,2,4-Trichlorobenzene  
 Concen: 99.774 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 47.3  | 141.9 |
| 145     | 28.4  | 14.1  | 42.3  |

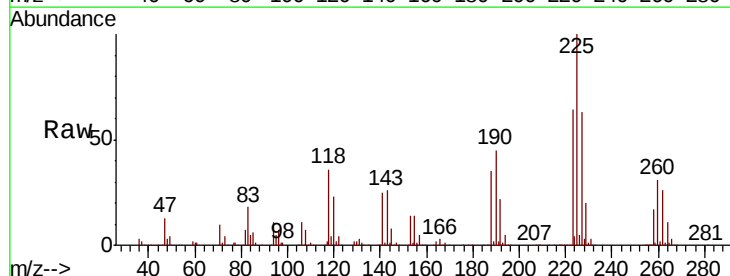


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

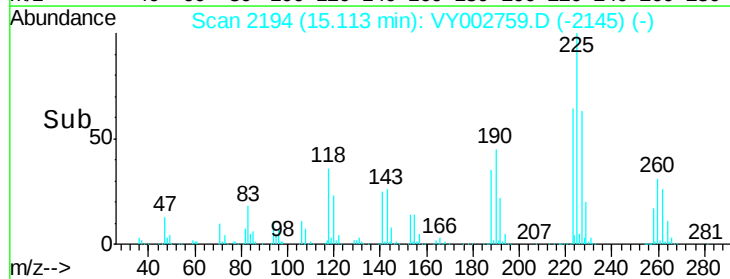
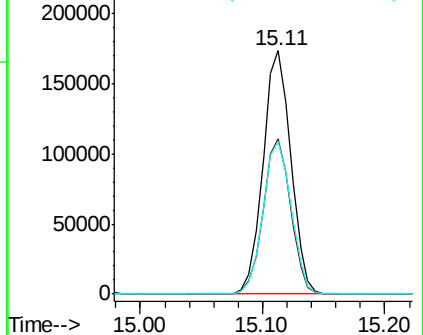


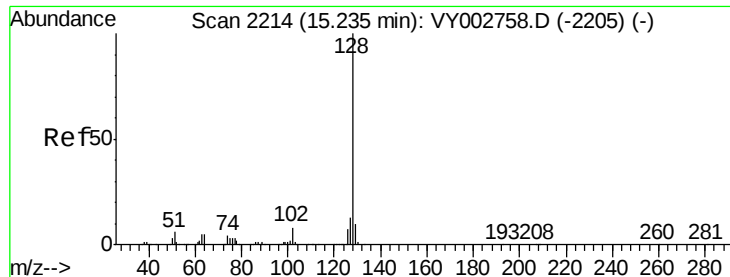
#94  
 Hexachlorobutadiene  
 Concen: 94.696 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. 0.00 min  
 Lab File: VY002759.D  
 Acq: 27 May 2020 12:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 31.6  | 95.0  |
| 227     | 63.7  | 32.3  | 96.9  |



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

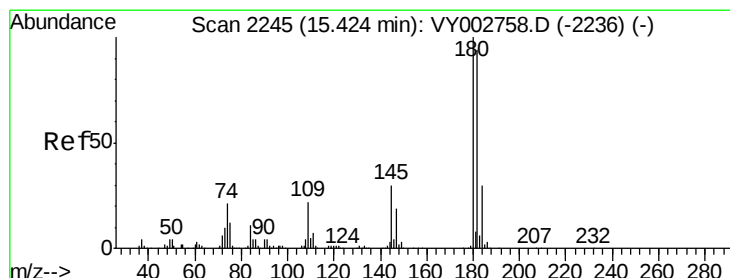
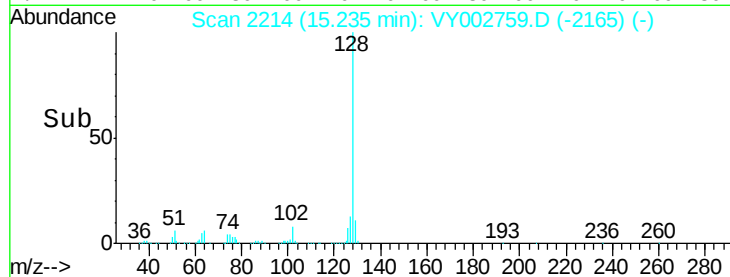
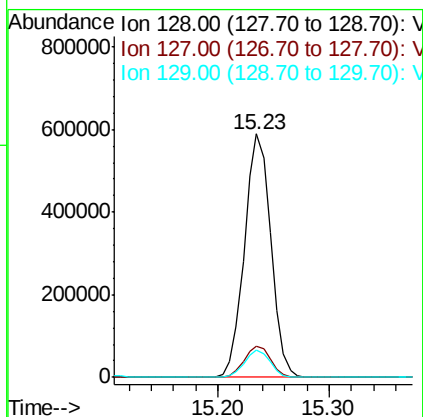
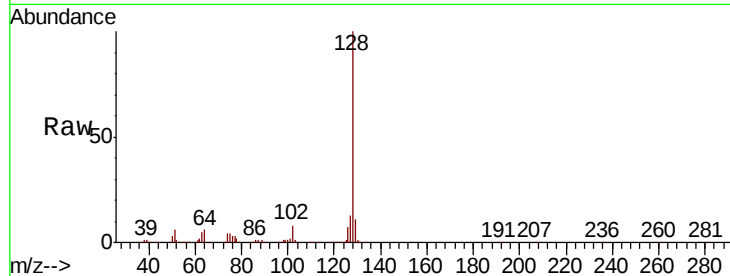




#95  
Naphthalene  
Concen: 110.522 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tot Ion:128 Resp: 967441  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 102.214 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. 0.00 min  
Lab File: VY002759.D  
Acq: 27 May 2020 12:37

Tgt Ion:180 Resp: 431044  
Ion Ratio Lower Upper  
180 100  
182 94.8 48.1 144.4  
145 29.9 15.1 45.3

