

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\  
 Data File : VY003559.D  
 Acq On : 20 Nov 2020 10:57  
 Operator : SY/MD  
 Sample : VSTDIC020  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Nov 21 00:34:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112020S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 00:32:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 153747   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 226769   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 205239   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 100079   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 8.14   | 65    | 33023    | 20.69    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 50 - 163 | Recovery | =    | 41.38%# |
| 35) Dibromofluoromethane  | 7.72   | 113   | 31165    | 20.91    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 54 - 147 | Recovery | =    | 41.82%# |
| 50) Toluene-d8            | 10.18  | 98    | 123019   | 21.22    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 49 - 140 | Recovery | =    | 42.44%# |
| 62) 4-Bromofluorobenzene  | 12.48  | 95    | 37924    | 20.62    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 25 - 144 | Recovery | =    | 41.24%  |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.92 | 85  | 8697   | 19.194  | ug/l   | 94     |
| 3) Chloromethane              | 2.12 | 50  | 20523  | 19.242  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.26 | 62  | 27714  | 20.086  | ug/l   | 99     |
| 5) Bromomethane               | 2.66 | 94  | 23911  | 20.717  | ug/l   | 95     |
| 6) Chloroethane               | 2.80 | 64  | 18920  | 19.553  | ug/l   | 89     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 24300  | 19.965  | ug/l   | 92     |
| 8) Diethyl Ether              | 3.53 | 74  | 18403  | 20.845  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 29261  | 20.944  | ug/l   | 95     |
| 10) Methyl Iodide             | 4.10 | 142 | 47958  | 19.894  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.02 | 59  | 10717  | 70.467  | ug/l # | 100    |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 30232  | 19.971  | ug/l   | 98     |
| 13) Acrolein                  | 3.74 | 56  | 15536  | 101.998 | ug/l   | 97     |
| 14) Allyl chloride            | 4.49 | 41  | 50840  | 20.034  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.18 | 53  | 40719  | 98.034  | ug/l   | 99     |
| 16) Acetone                   | 3.97 | 43  | 46951  | 88.084  | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.20 | 76  | 88025  | 20.200  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.49 | 43  | 21941  | 18.922  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 46636  | 20.756  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.72 | 84  | 40282  | 19.899  | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 34112  | 20.154  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.13 | 45  | 87091  | 20.022  | ug/l   | 99     |
| 23) Vinyl Acetate             | 6.07 | 43  | 344136 | 101.783 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.03 | 63  | 59155  | 20.432  | ug/l   | 100    |
| 25) 2-Butanone                | 7.00 | 43  | 64156  | 92.758  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 37671  | 19.897  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96  | 37509  | 20.441  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.34 | 49  | 28970  | 20.441  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.36 | 42  | 36117  | 99.678  | ug/l   | 98     |
| 30) Chloroform                | 7.52 | 83  | 58841  | 20.366  | ug/l   | 99     |
| 31) Cyclohexane               | 7.79 | 56  | 45739  | 19.819  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 44095  | 19.750  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.92 | 75  | 45849  | 20.537  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.08 | 43  | 26996  | 20.066  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 42770  | 20.681  | ug/l   | 96     |

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 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 00:32:41 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 44690    | 19.698  | ug/l   | 97       |
| 40) Benzene                    | 8.16  | 78   | 134616   | 20.341  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.32  | 41   | 17852    | 26.987  | ug/l   | 88       |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 38117    | 20.246  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.28  | 43   | 49439    | 20.013  | ug/l   | 97       |
| 44) Trichloroethene            | 8.94  | 130  | 36794    | 20.404  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 33649    | 20.511  | ug/l   | 96       |
| 46) Dibromomethane             | 9.31  | 93   | 19196    | 20.547  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 44248    | 19.940  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.30  | 41   | 23323    | 19.723  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.32  | 88   | 4211     | 393.387 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 117560   | 99.295  | ug/l   | 99       |
| 52) Toluene                    | 10.24 | 92   | 83089    | 20.505  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.46 | 75   | 46530    | 20.034  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 53788    | 20.348  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 28011    | 21.139  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 31324    | 19.452  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 46943    | 20.930  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 87952    | 106.428 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.83 | 43   | 94154    | 96.470  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.99 | 129  | 33614    | 20.980  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.08 | 107  | 25791    | 20.197  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.72 | 164  | 30666    | 20.003  | ug/l   | 92       |
| 65) Chlorobenzene              | 11.52 | 112  | 89750    | 20.212  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 25872    | 20.305  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 147147   | 20.223  | ug/l   | 97       |
| 68) m/p-Xylenes                | 11.70 | 106  | 113686   | 40.804  | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 45632    | 20.475  | ug/l   | 98       |
| 70) Styrene                    | 12.04 | 104  | 90907    | 20.238  | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 20483    | 19.907  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.33 | 105  | 98290    | 19.717  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 38968    | 19.738  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 28410    | 20.480  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 38735    | 37.962  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 37625    | 20.514  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.67 | 91   | 141344   | 20.182  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 81383    | 20.132  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 76573    | 20.437  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 12226    | 20.032  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 100072   | 20.205  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 74842    | 19.734  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 81676    | 20.473  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.25 | 105  | 87531    | 20.390  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.36 | 119  | 78889    | 20.481  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 68160    | 20.415  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 68626    | 20.058  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.69 | 91   | 81660    | 19.813  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.95 | 117  | 21236    | 20.850  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.73 | 146  | 53962    | 20.249  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.35 | 75   | 3466     | 19.183  | ug/l   | 98       |

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

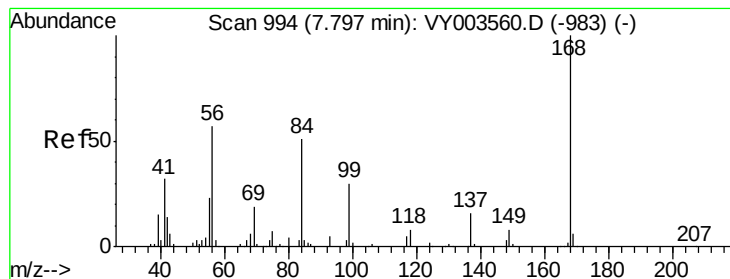
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Nov 21 00:34:57 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112020S.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 21 00:32:41 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 29362    | 19.646 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 17692    | 20.825 | ug/l  | 97       |
| 95) Naphthalene            | 15.23 | 128  | 48928    | 19.185 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 21677    | 19.731 | ug/l  | 97       |

(#) = 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: VY003559.D

Acq: 20 Nov 2020 10:57

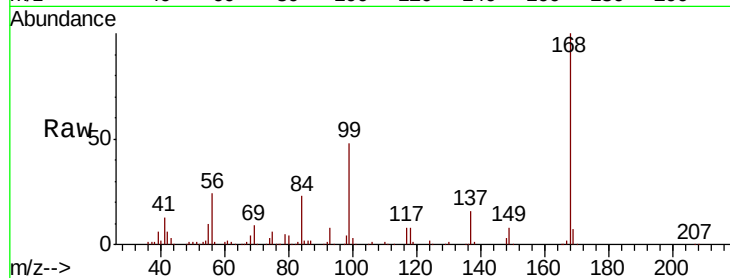
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:168 Resp: 153747

Ion Ratio Lower Upper

168 100

99 48.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)

7.80

60000

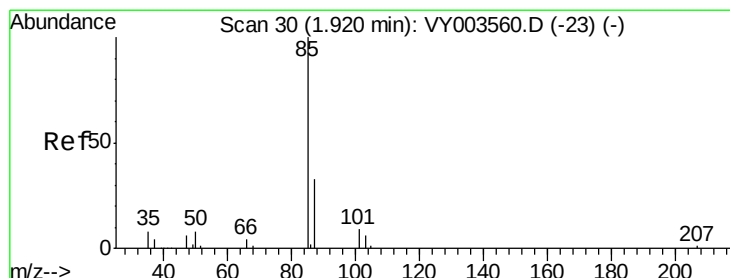
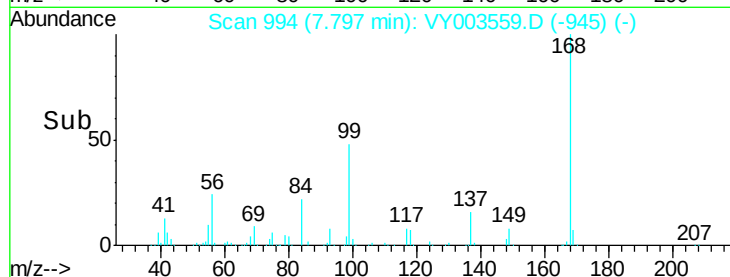
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.194 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003559.D

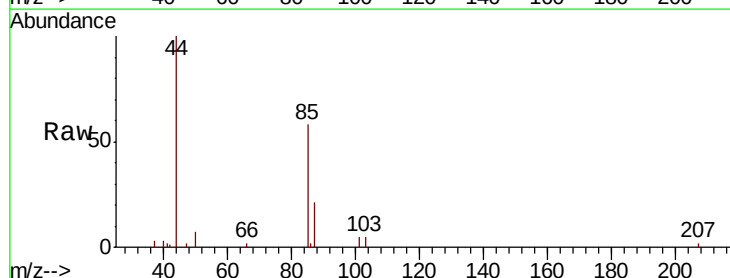
Acq: 20 Nov 2020 10:57

Tgt Ion: 85 Resp: 8697

Ion Ratio Lower Upper

85 100

87 36.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003560.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY003560.D (-23) (-)

1.92

3000

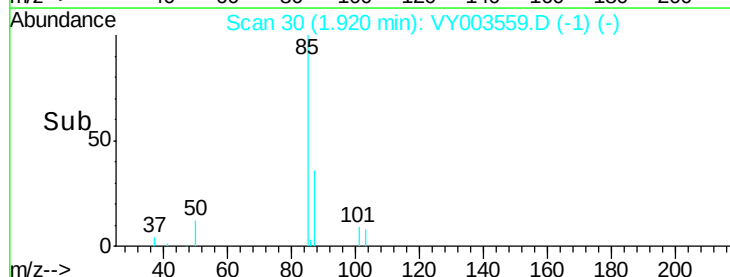
2000

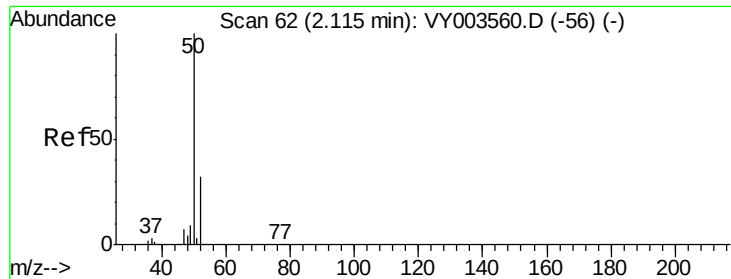
1000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.242 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

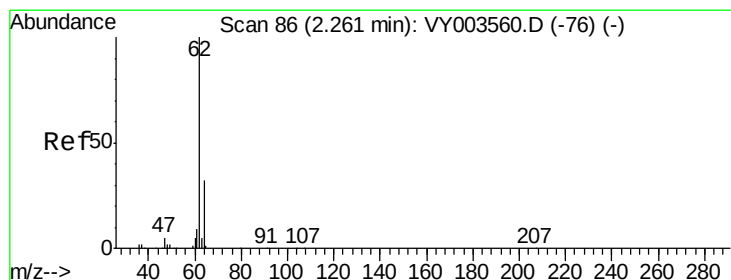
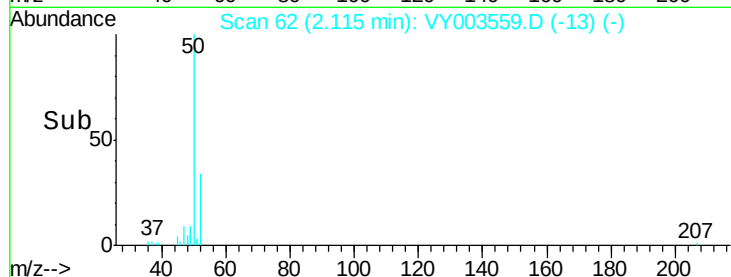
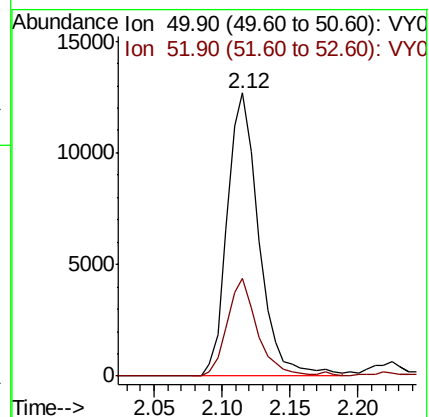
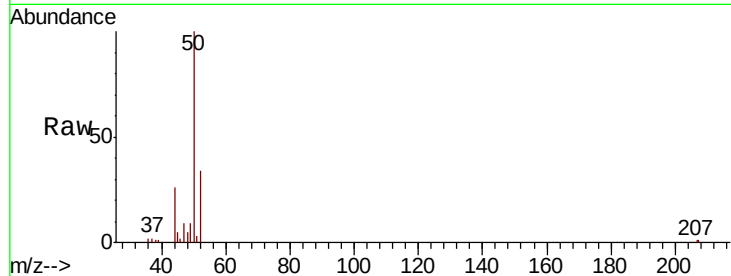
ClientSampleId :

Tot Ion: 50 Resp: 20523

Ion Ratio Lower Upper

50 100

52 34.4 25.8 38.6



#4

Vinyl Chloride

Concen: 20.086 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003559.D

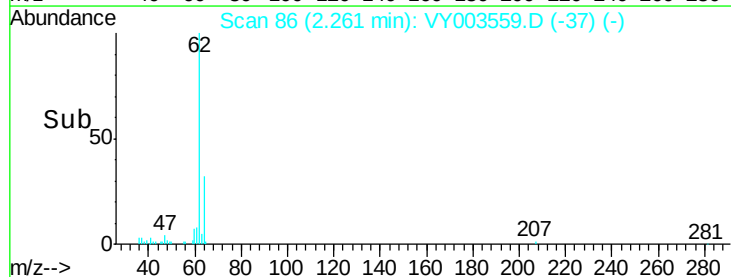
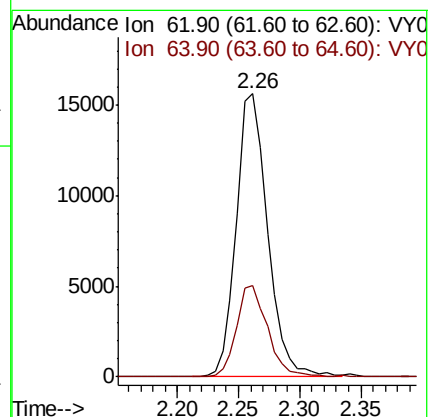
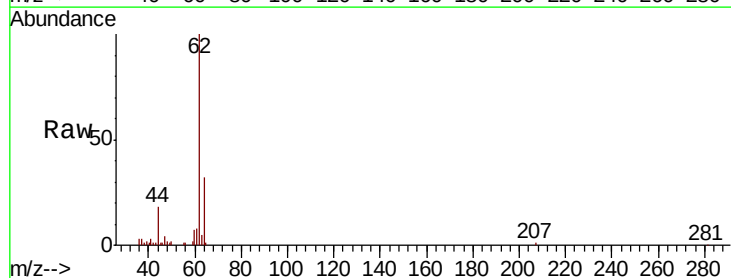
Acq: 20 Nov 2020 10:57

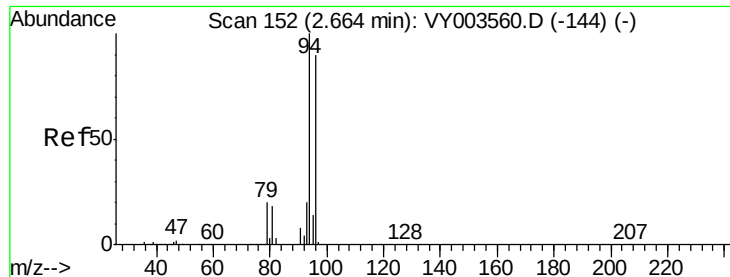
Tgt Ion: 62 Resp: 27714

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 20.717 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

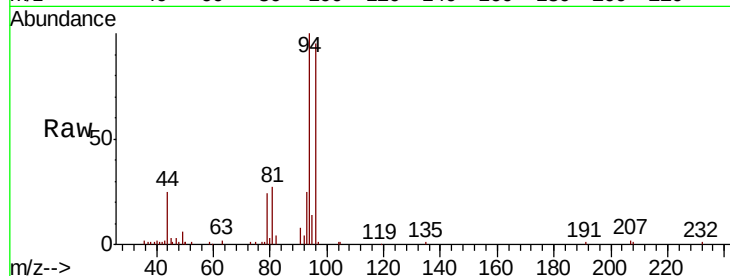
ClientSampled :

Tot Ion: 94 Resp: 23911

Ion Ratio Lower Upper

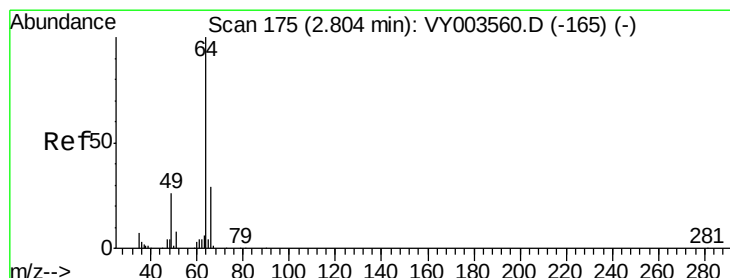
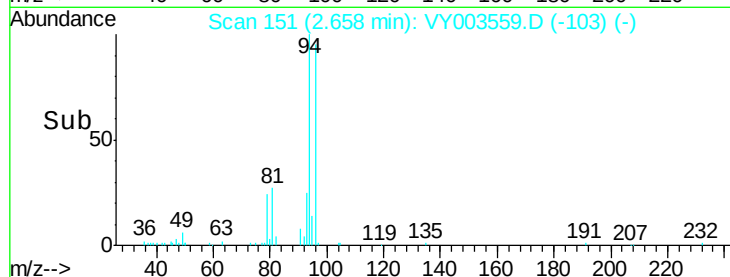
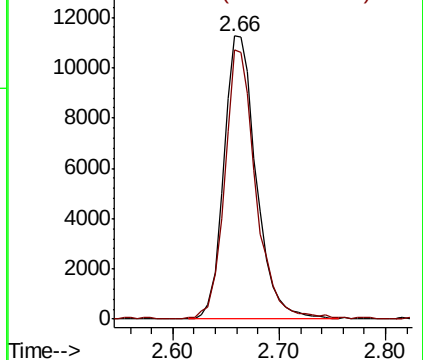
94 100

96 94.6 71.9 107.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.553 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003559.D

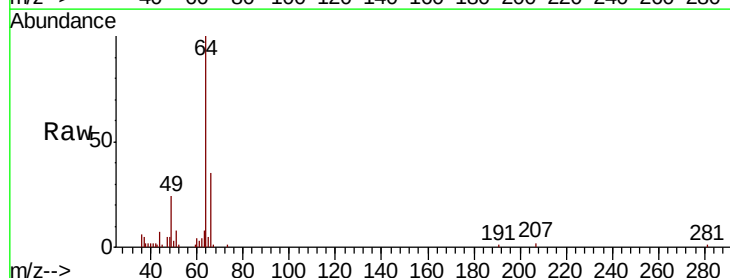
Acq: 20 Nov 2020 10:57

Tgt Ion: 64 Resp: 18920

Ion Ratio Lower Upper

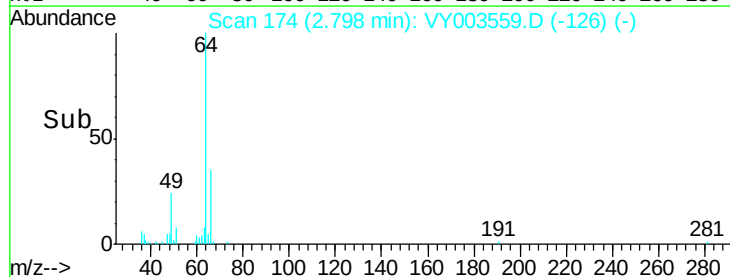
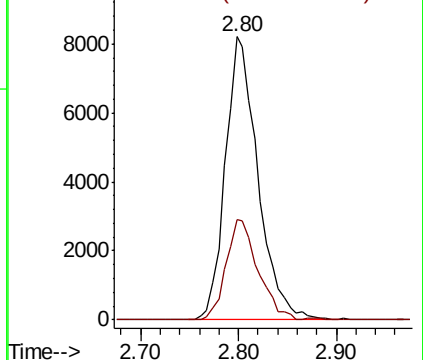
64 100

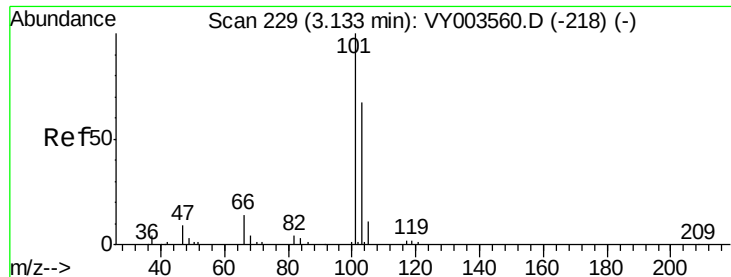
66 35.3 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



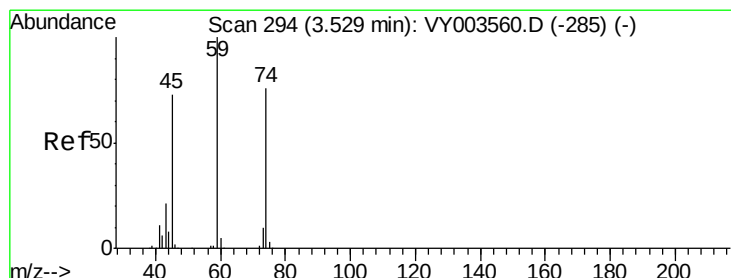
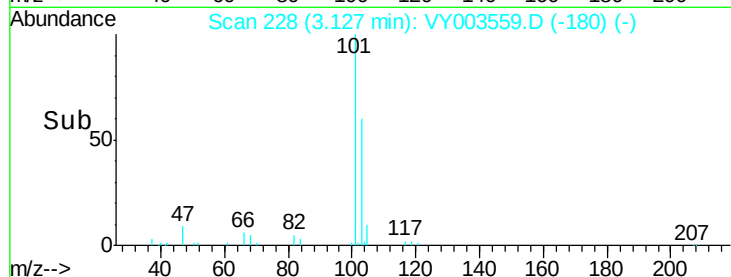
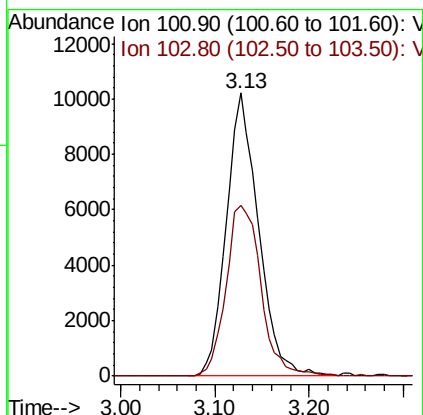
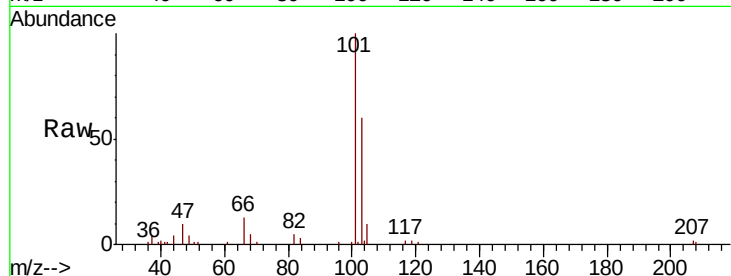


#7

Trichlorofluoromethane  
 Concen: 19.965 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. -0.01 min  
 Lab File: VY003559.D  
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Instrument :  
 MSVOA\_Y  
 ClientSampleId :

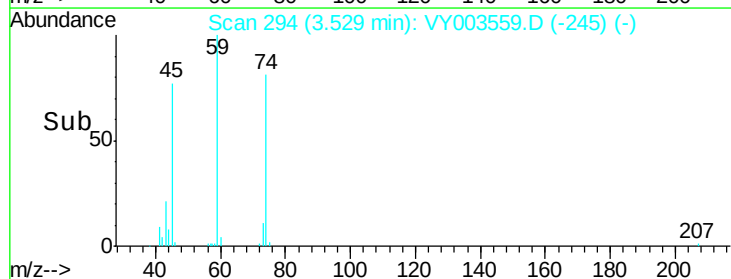
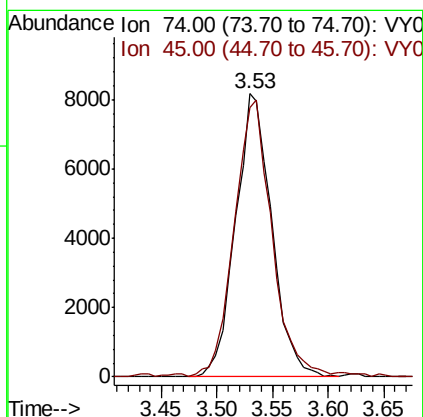
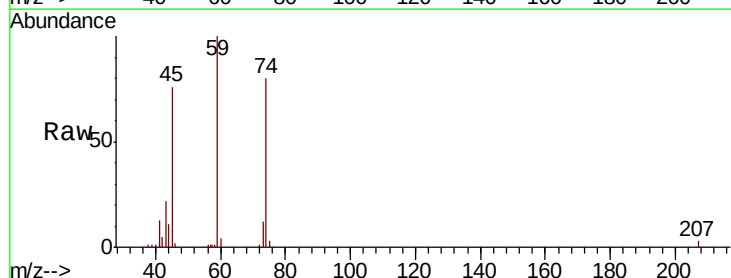
Tot Ion:101 Resp: 24300  
 Ion Ratio Lower Upper  
 101 100  
 103 60.3 53.3 79.9



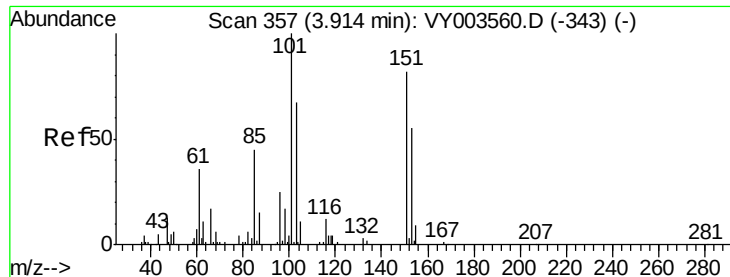
#8

Diethyl Ether  
 Concen: 20.845 ug/l  
 RT: 3.53 min Scan# 294  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

Tgt Ion: 74 Resp: 18403  
 Ion Ratio Lower Upper  
 74 100  
 45 102.9 51.0 153.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.944 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampleId :

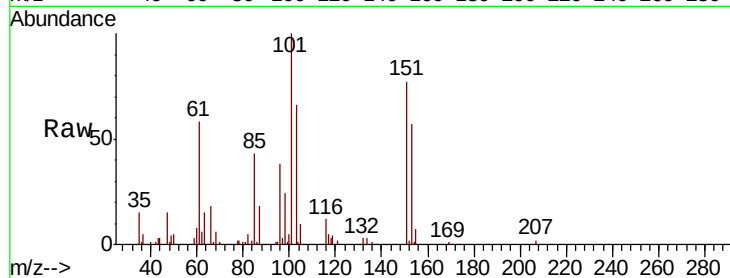
Tot Ion:101 Resp: 29261

Ion Ratio Lower Upper

101 100

85 40.9 35.9 53.9

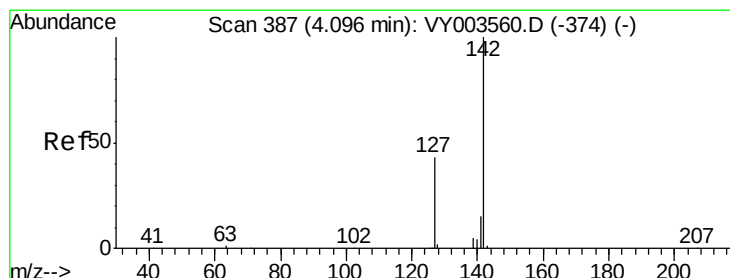
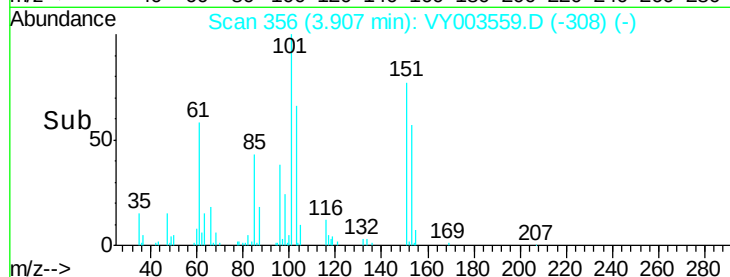
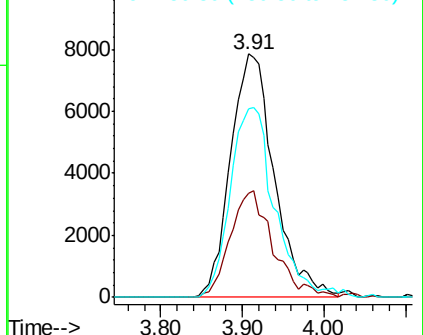
151 77.4 65.4 98.0



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: 19.894 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

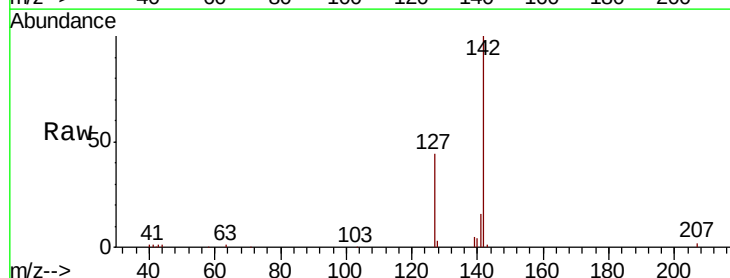
Tgt Ion:142 Resp: 47958

Ion Ratio Lower Upper

142 100

127 43.0 34.2 51.2

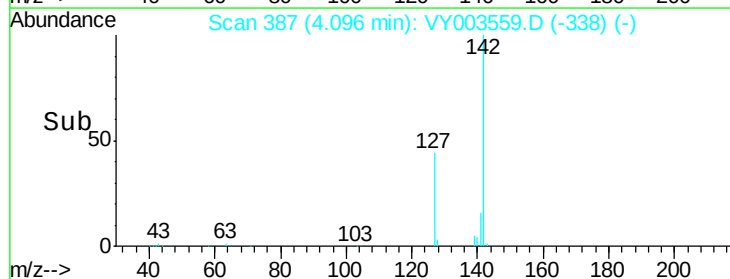
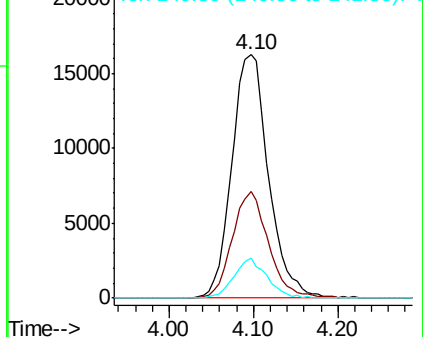
141 14.9 11.5 17.3

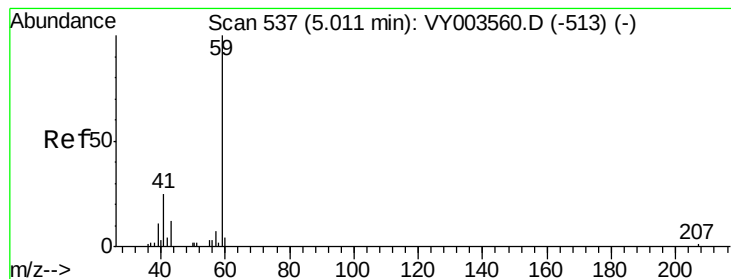


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 70.467 ug/l

RT: 5.02 min Scan# 539

Delta R.T. 0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

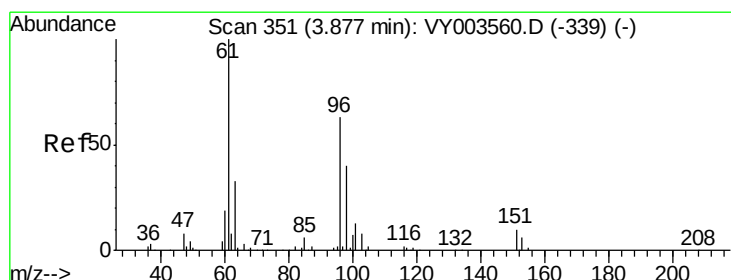
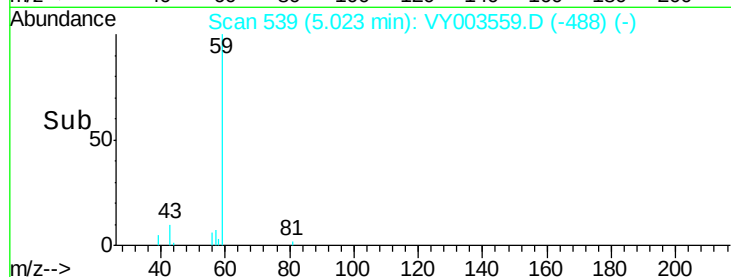
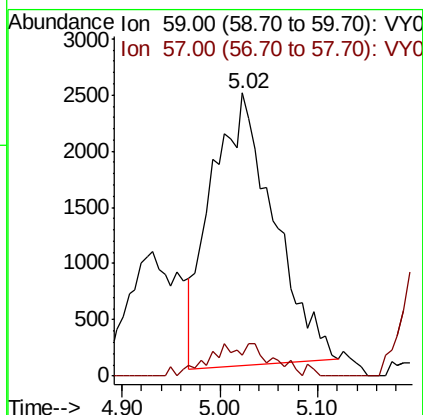
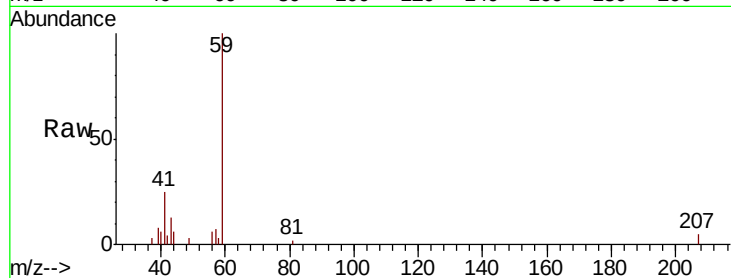
ClientSampleId :

Tot Ion: 59 Resp: 10717

Ion Ratio Lower Upper

59 100

57 5.1 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 19.971 ug/l

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

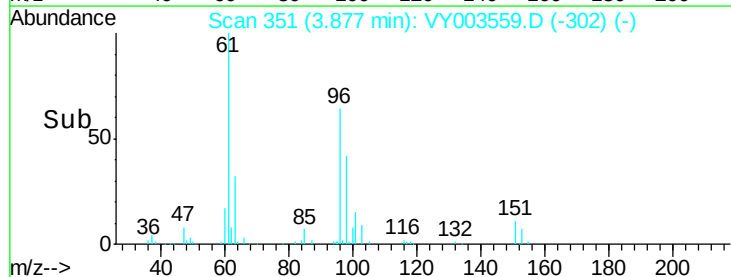
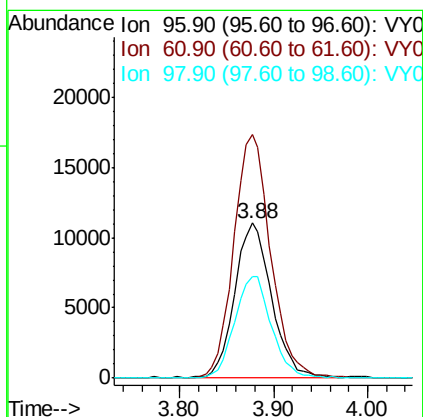
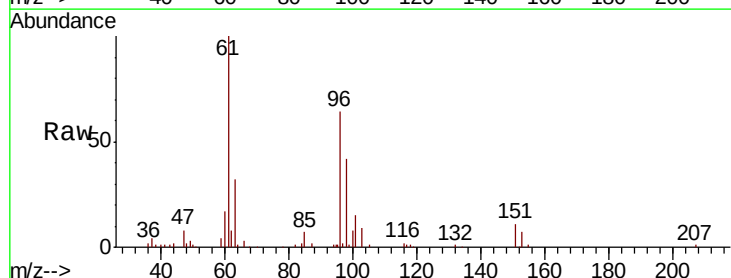
Tgt Ion: 96 Resp: 30232

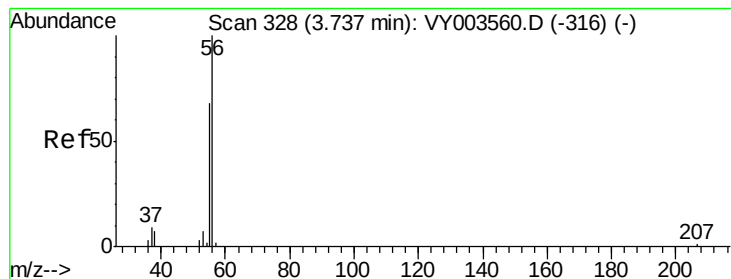
Ion Ratio Lower Upper

96 100

61 157.1 127.3 190.9

98 65.8 50.6 76.0





#13

Acrolein

Concen: 101.998 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

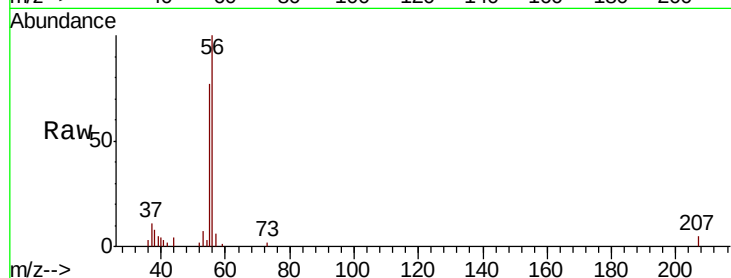
ClientSampleId :

Tot Ion: 56 Resp: 15536

Ion Ratio Lower Upper

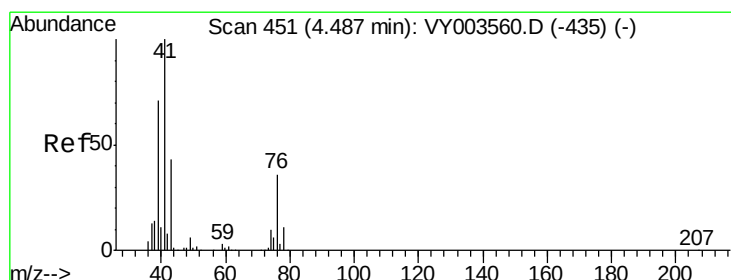
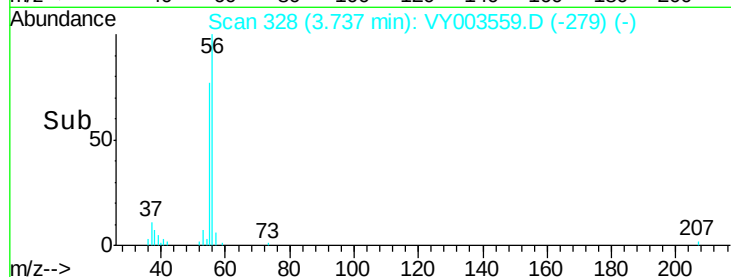
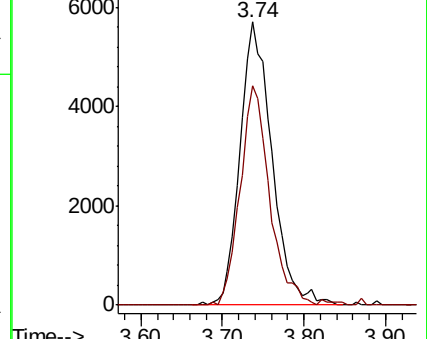
56 100

55 70.9 54.6 81.8



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.034 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

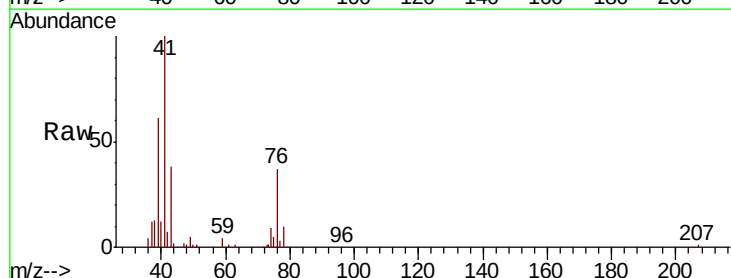
Tgt Ion: 41 Resp: 50840

Ion Ratio Lower Upper

41 100

39 66.6 54.2 81.2

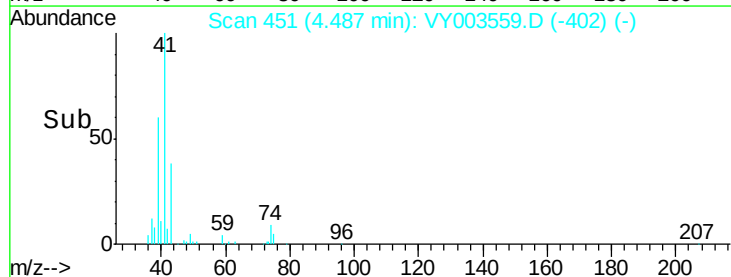
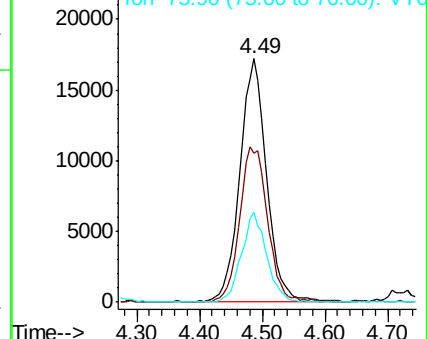
76 34.3 28.9 43.3

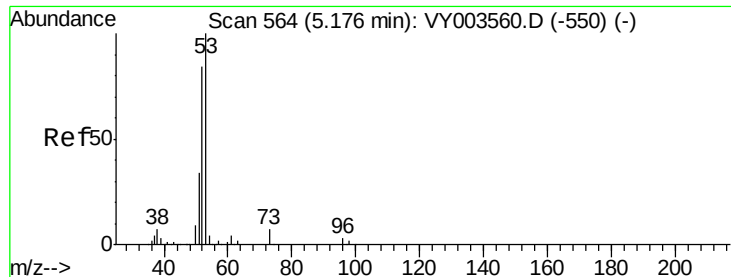


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 98.034 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampleId :

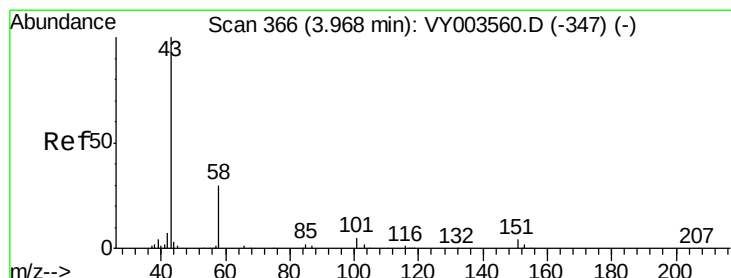
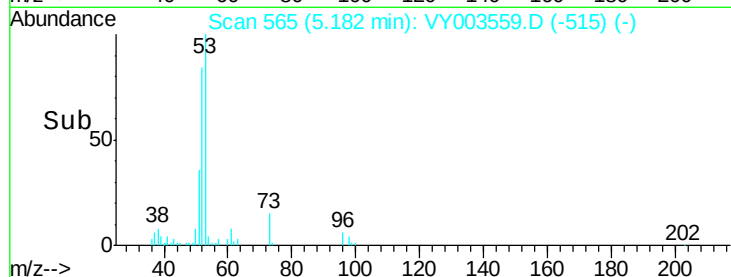
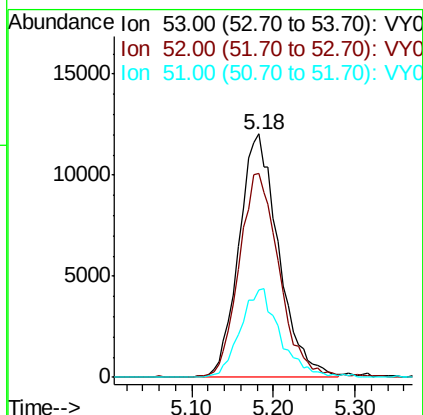
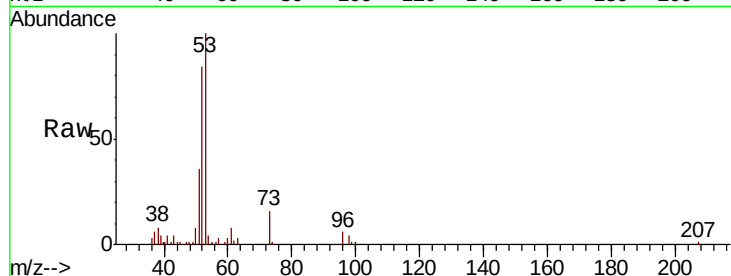
Tot Ion: 53 Resp: 40719

Ion Ratio Lower Upper

53 100

52 84.3 66.4 99.6

51 36.1 29.0 43.4



#16

Acetone

Concen: 88.084 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY003559.D

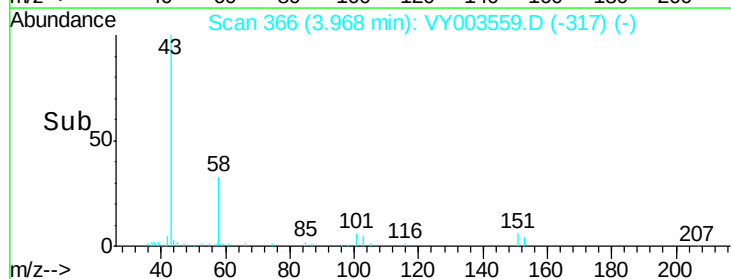
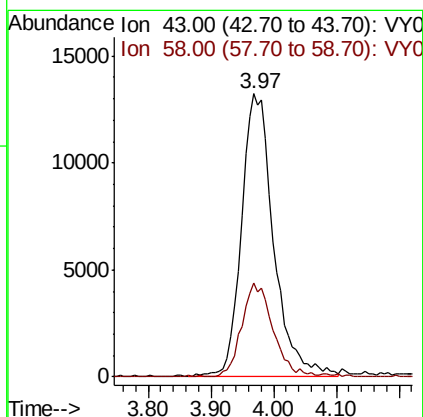
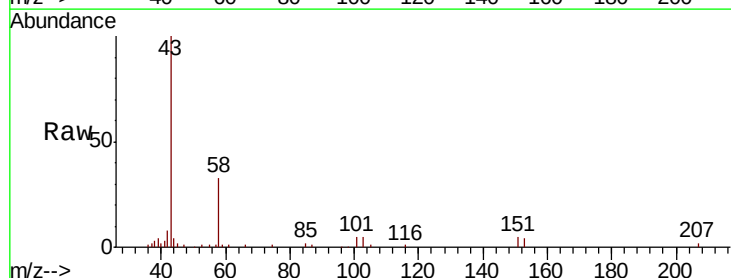
Acq: 20 Nov 2020 10:57

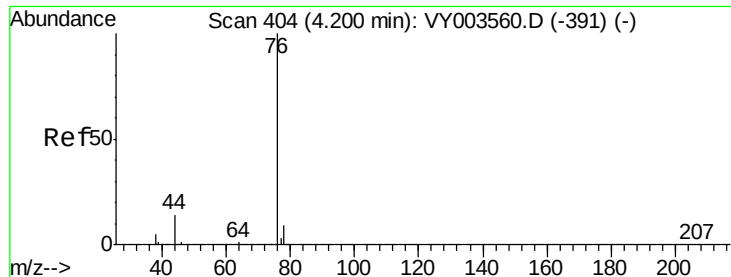
Tgt Ion: 43 Resp: 46951

Ion Ratio Lower Upper

43 100

58 32.6 23.8 35.8





#17

Carbon Disulfide

Concen: 20.200 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

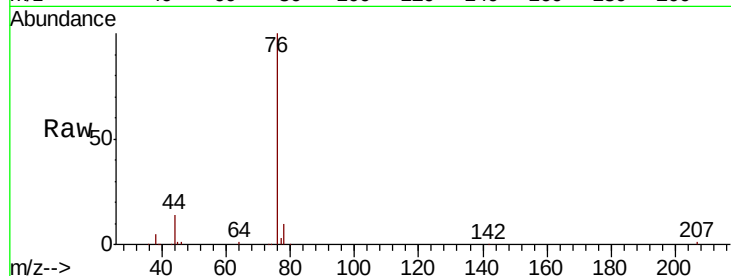
ClientSampleId :

Tot Ion: 76 Resp: 88025

Ion Ratio Lower Upper

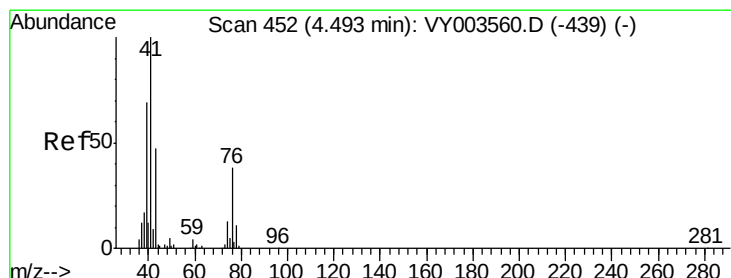
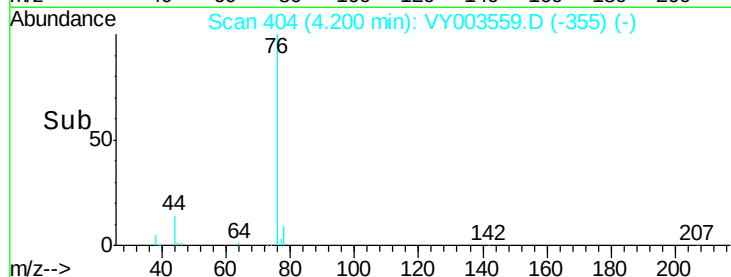
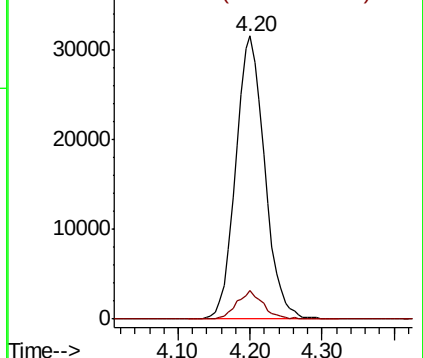
76 100

78 10.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.922 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY003559.D

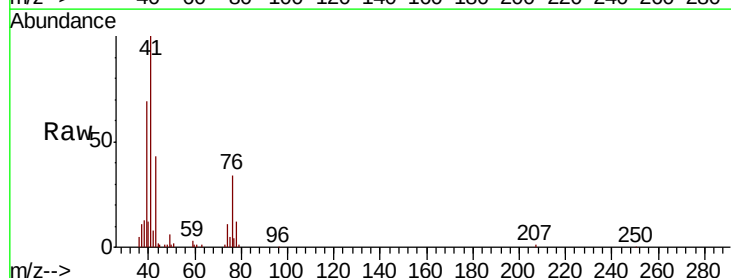
Acq: 20 Nov 2020 10:57

Tgt Ion: 43 Resp: 21941

Ion Ratio Lower Upper

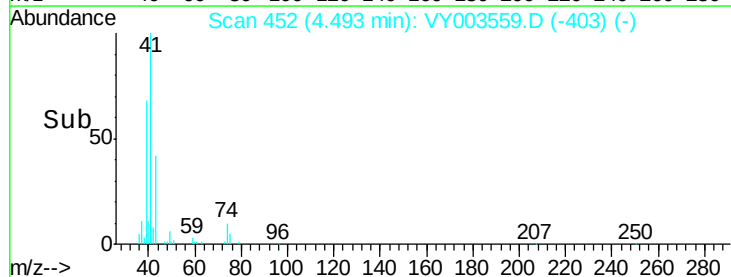
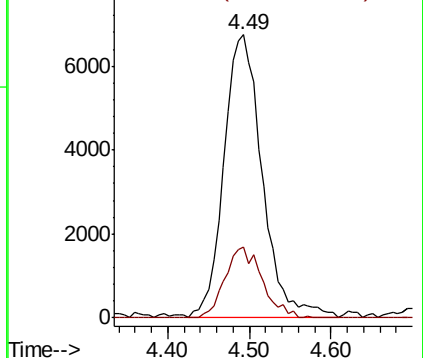
43 100

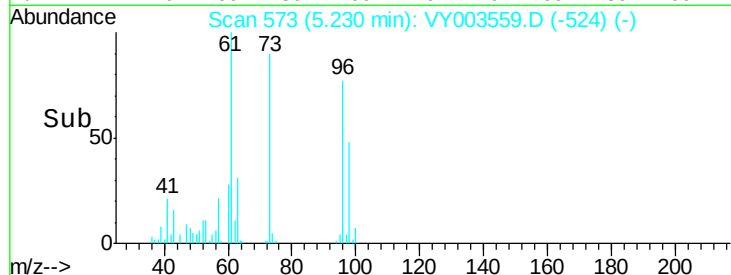
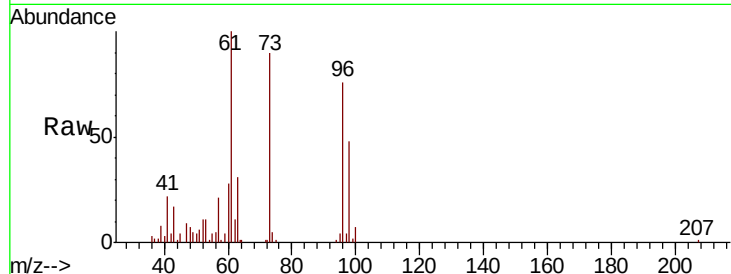
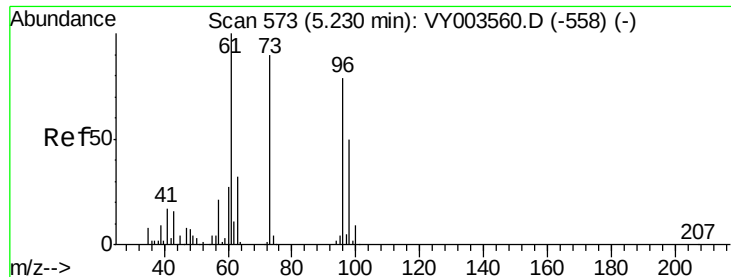
74 24.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

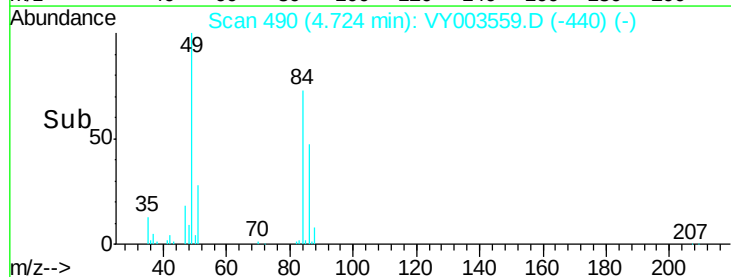
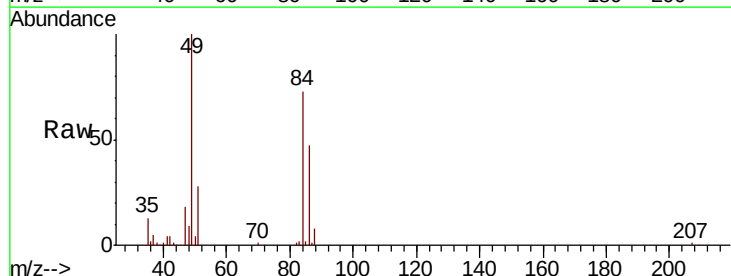
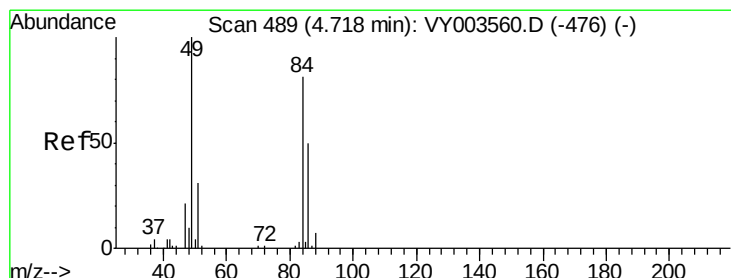
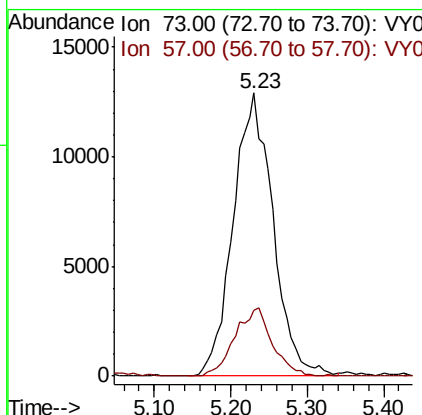
Ion 74.00 (73.70 to 74.70): VY0





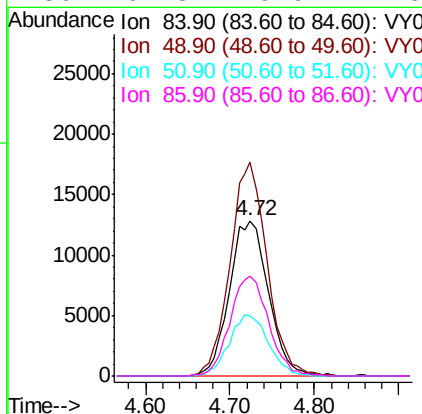
#19  
Methyl tert-butyl Ether  
Concen: 20.756 ug/l  
RT: 5.23 min Scan# 573  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

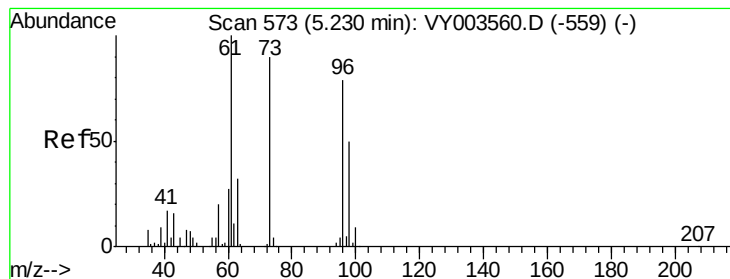
Tot Ion: 73 Resp: 46636  
Ion Ratio Lower Upper  
73 100  
57 23.0 18.2 27.2



#20  
Methylene Chloride  
Concen: 19.899 ug/l  
RT: 4.72 min Scan# 490  
Delta R.T. 0.01 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion: 84 Resp: 40282  
Ion Ratio Lower Upper  
84 100  
49 137.5 99.0 148.6  
51 38.4 30.5 45.7  
86 64.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.154 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampleId :

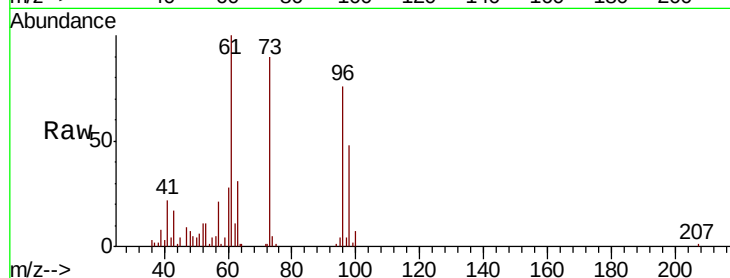
Tot Ion: 96 Resp: 34112

Ion Ratio Lower Upper

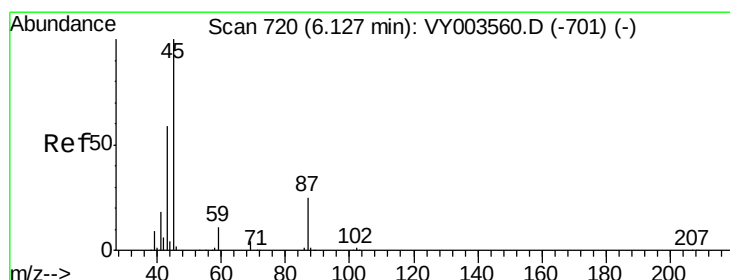
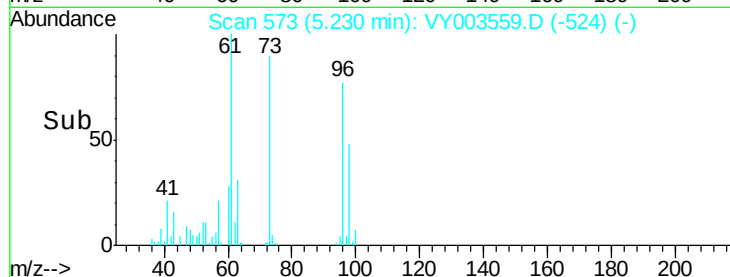
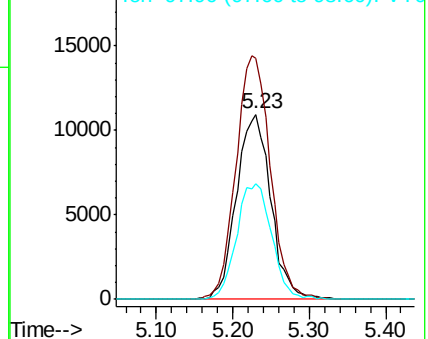
96 100

61 130.7 101.0 151.4

98 62.5 50.2 75.2



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



#22

Diisopropyl ether

Concen: 20.022 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Tgt Ion: 45 Resp: 87091

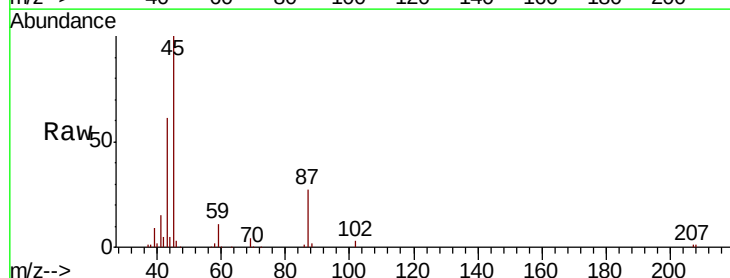
Ion Ratio Lower Upper

45 100

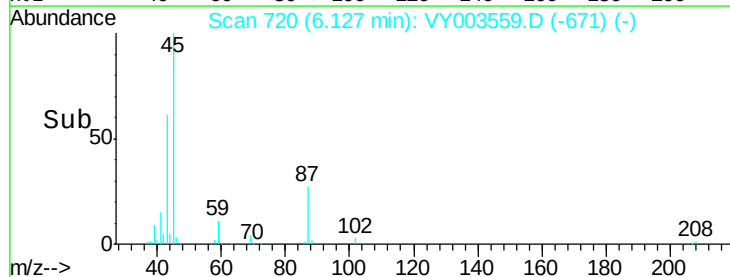
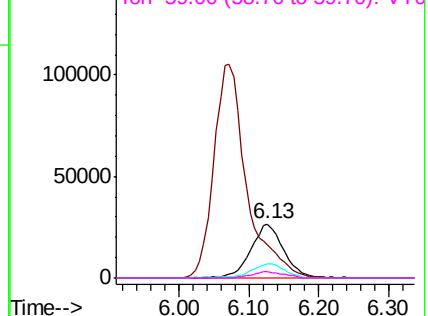
43 60.4 48.1 72.1

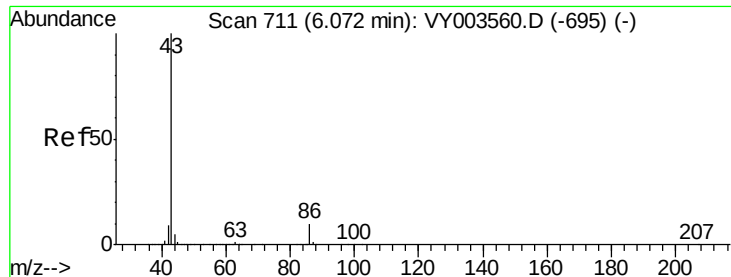
87 26.0 20.3 30.5

59 11.2 9.1 13.7



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: 101.783 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

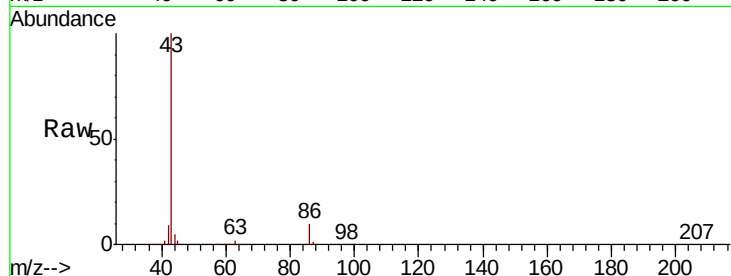
ClientSampleId :

Tot Ion: 43 Resp: 344136

Ion Ratio Lower Upper

43 100

86 10.4 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

120000

100000

80000

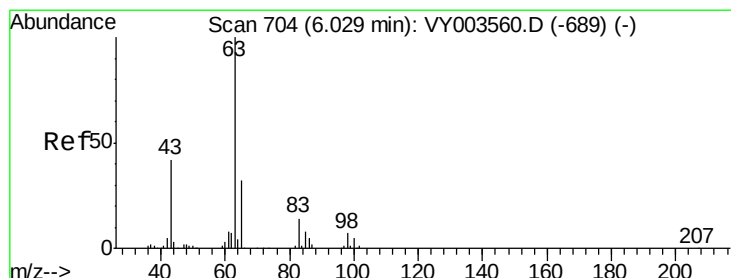
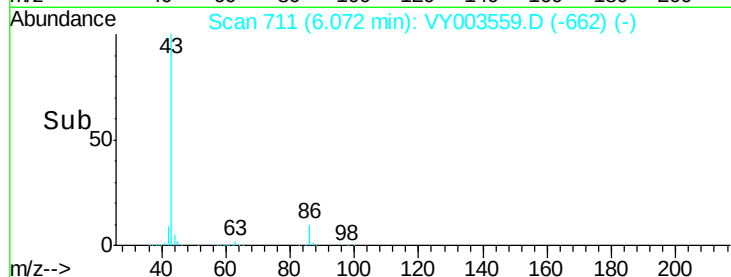
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.432 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

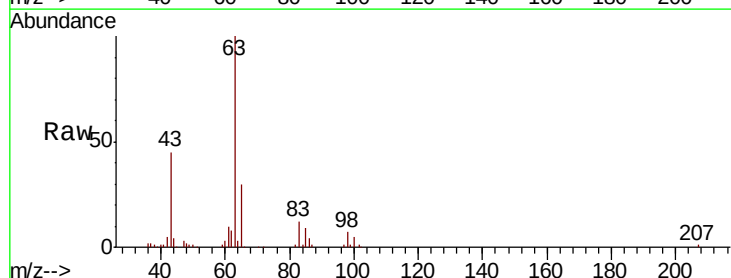
Tgt Ion: 63 Resp: 59155

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.8 2.5 7.4



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

6.03

25000

20000

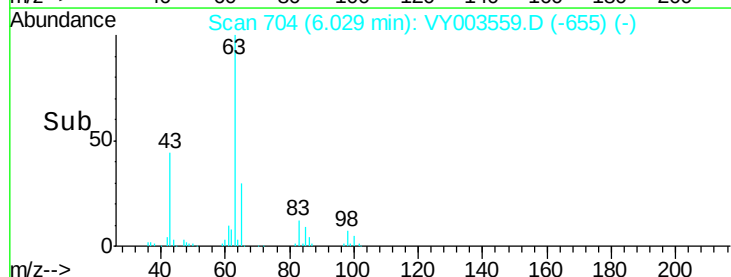
15000

10000

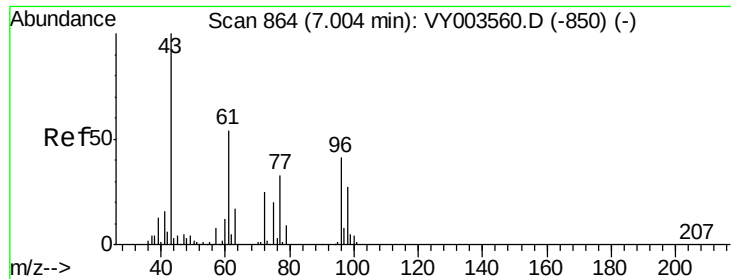
5000

0

Time--> 5.90 6.00 6.10 6.20







#25

2-Butanone

Concen: 92.758 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

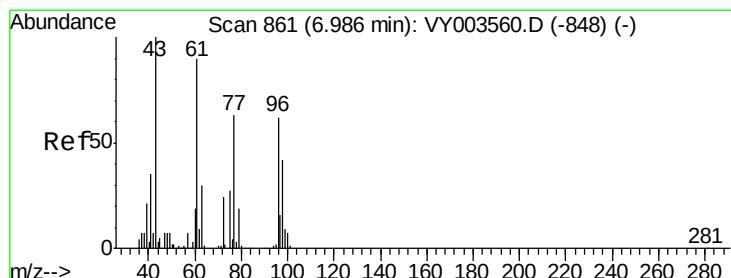
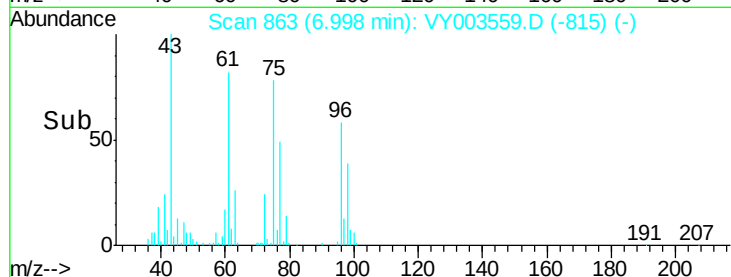
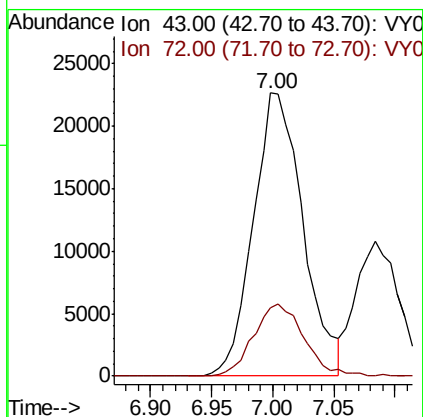
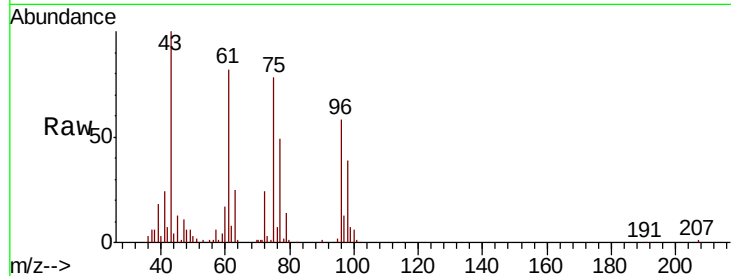
ClientSampleId :

Tot Ion: 43 Resp: 64156

Ion Ratio Lower Upper

43 100

72 24.1 19.8 29.8



#26

2,2-Dichloropropane

Concen: 19.897 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY003559.D

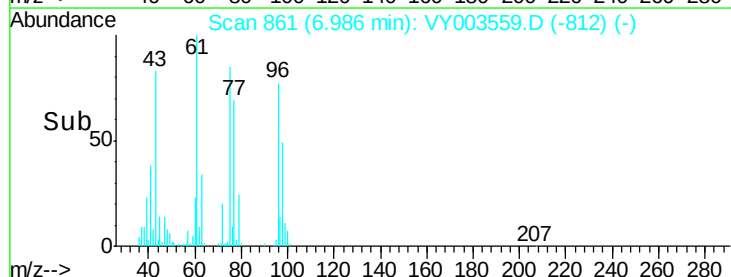
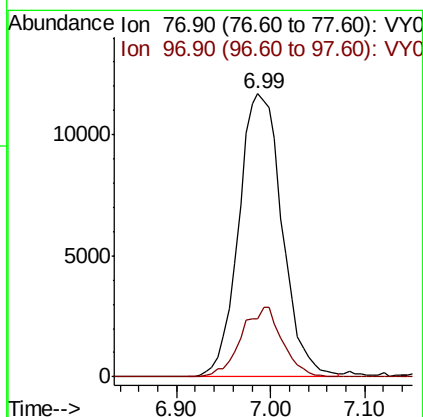
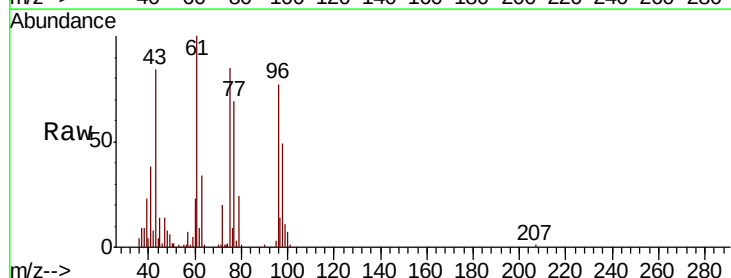
Acq: 20 Nov 2020 10:57

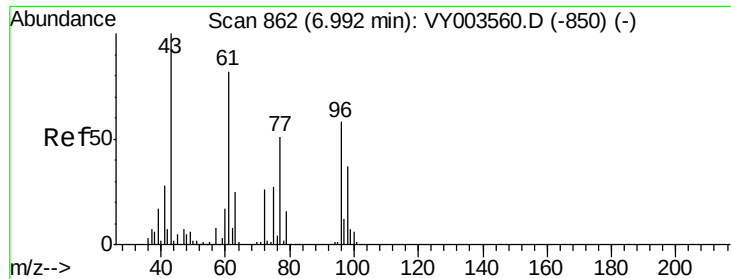
Tgt Ion: 77 Resp: 37671

Ion Ratio Lower Upper

77 100

97 23.3 12.2 36.6



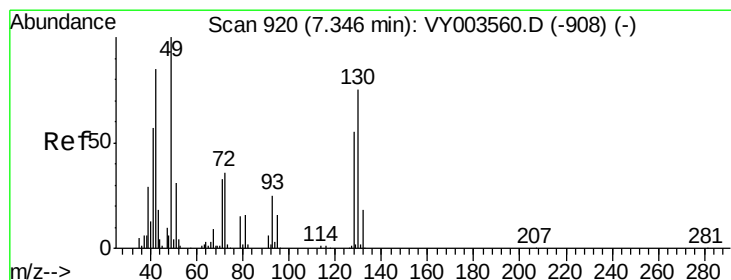
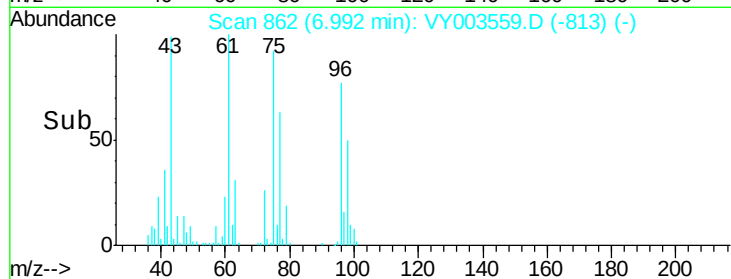
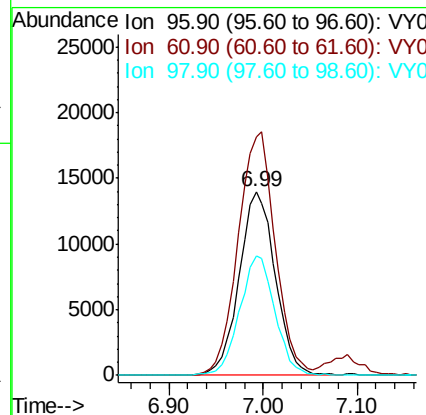
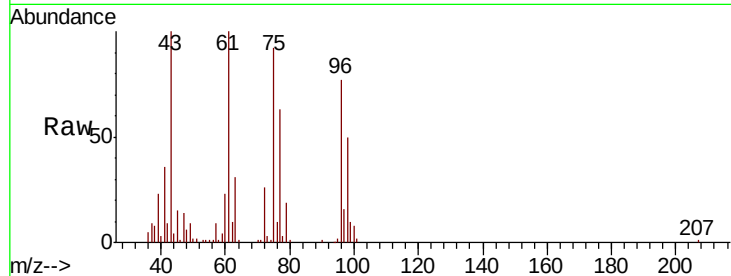


#27

cis-1,2-Dichloroethene  
 Concen: 20.441 ug/l  
 RT: 6.99 min Scan# 862  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

Instrument :  
 MSVOA\_Y  
 ClientSampled :

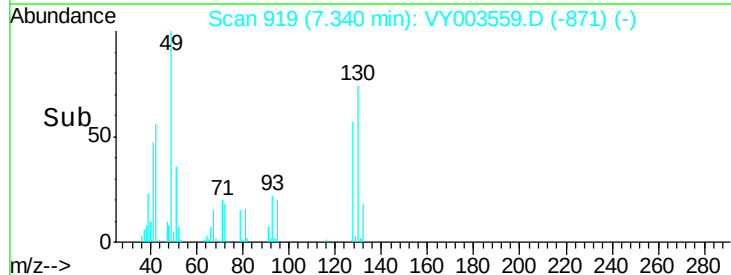
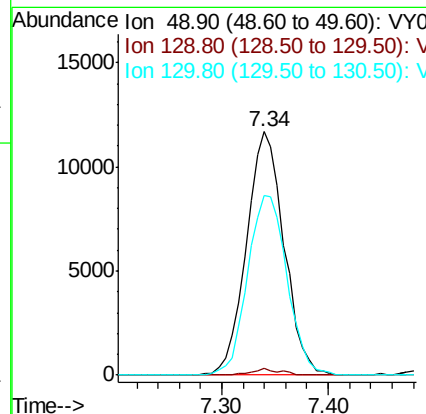
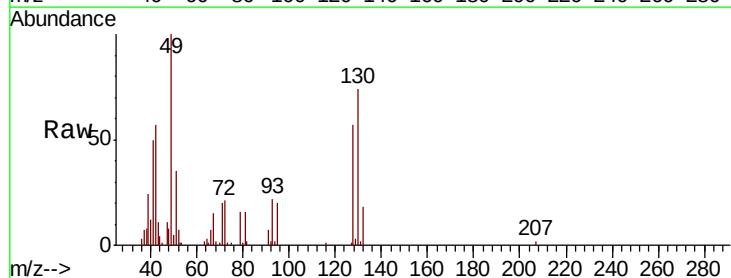
| Tot Ion | 96    | Resp  | 37509 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 136.0 | 0.0   | 274.6 |
| 98      | 63.3  | 0.0   | 130.6 |

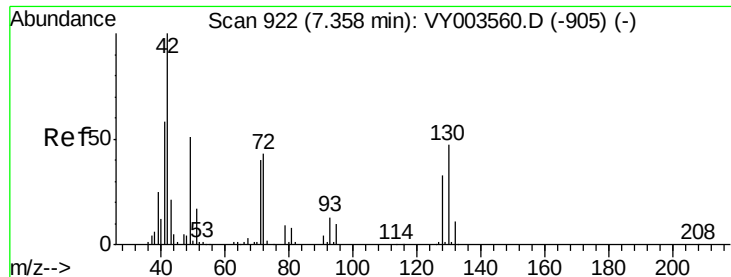


#28

Bromochloromethane  
 Concen: 20.441 ug/l  
 RT: 7.34 min Scan# 919  
 Delta R.T. -0.01 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

| Tgt Ion | 49    | Resp  | 28970 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.4   |
| 130     | 77.5  | 61.0  | 91.6  |

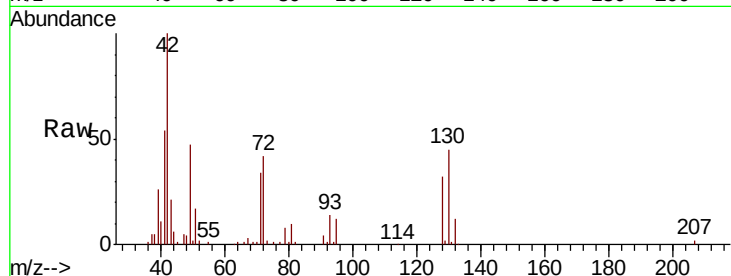




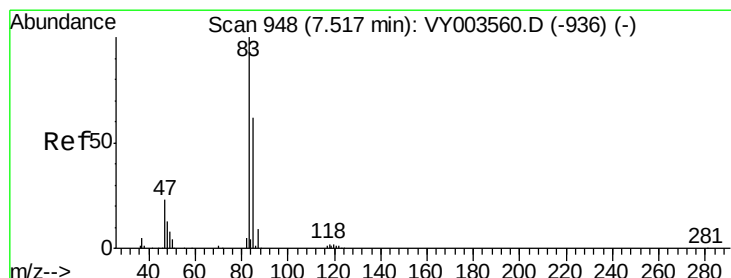
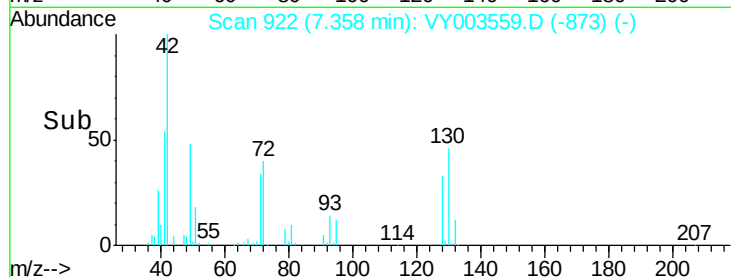
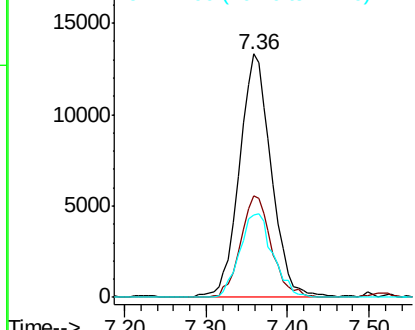
#29  
Tetrahydrofuran  
Concen: 99.678 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 42 Resp: 36117  
Ion Ratio Lower Upper  
42 100  
72 40.3 32.6 49.0  
71 35.7 30.2 45.2

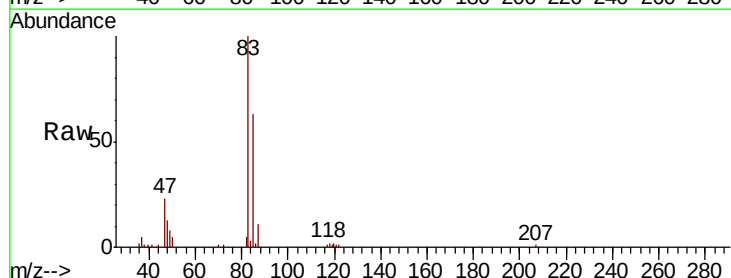


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

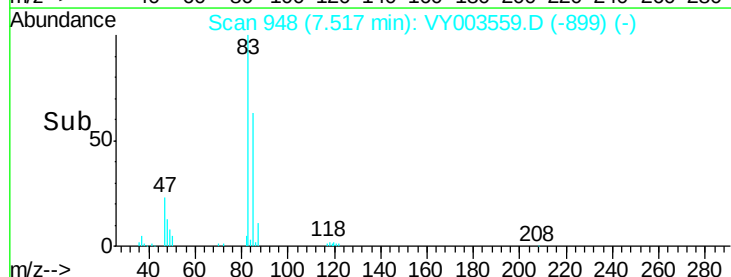
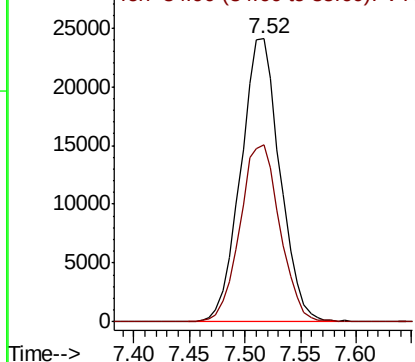


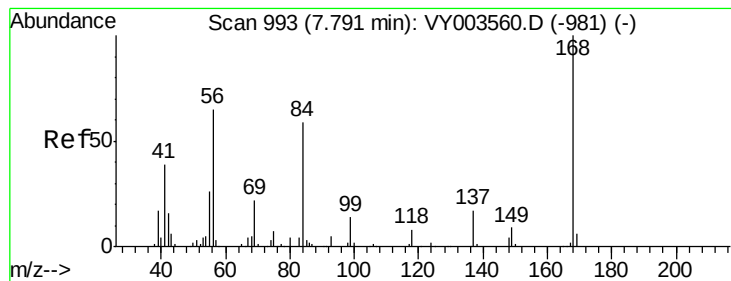
#30  
Chloroform  
Concen: 20.366 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion: 83 Resp: 58841  
Ion Ratio Lower Upper  
83 100  
85 62.6 49.6 74.4



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





#31

Cyclohexane

Concen: 19.819 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

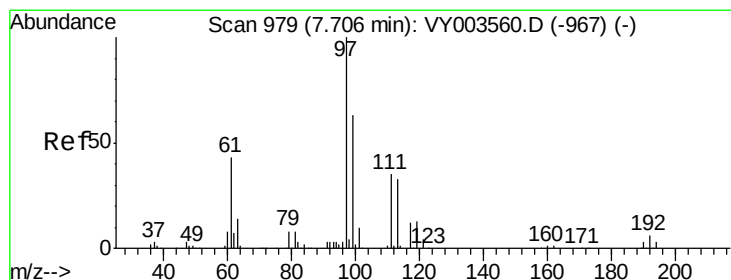
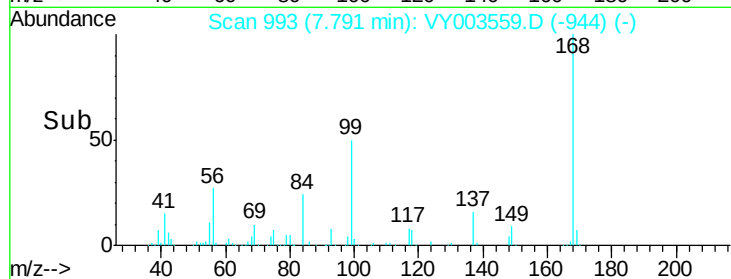
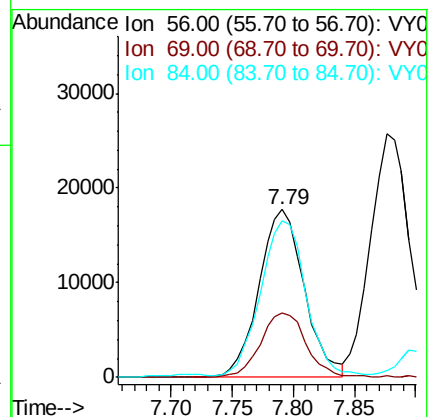
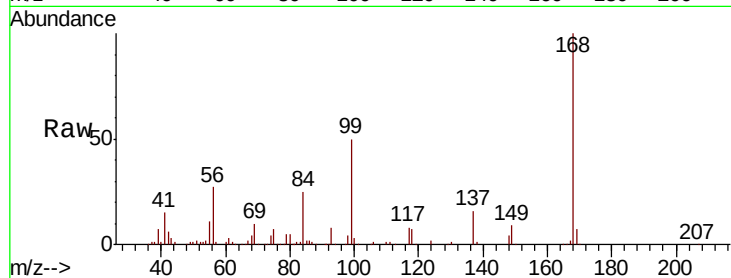
Tot Ion: 56 Resp: 45739

Ion Ratio Lower Upper

56 100

69 38.7 27.0 40.6

84 91.3 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 19.750 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

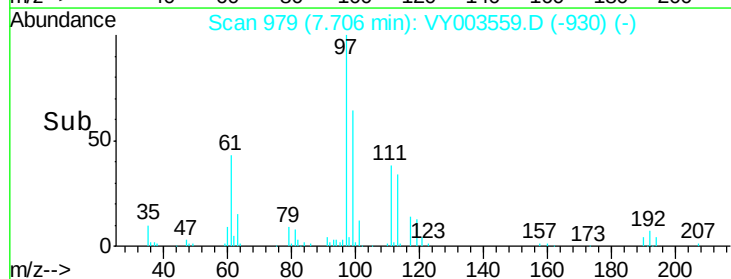
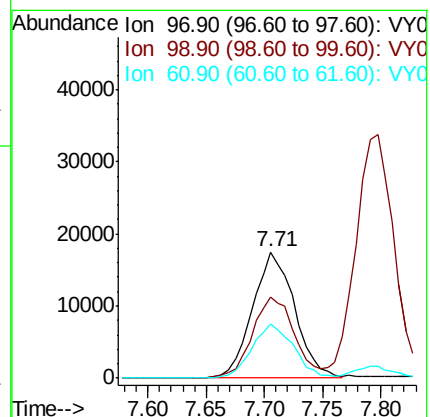
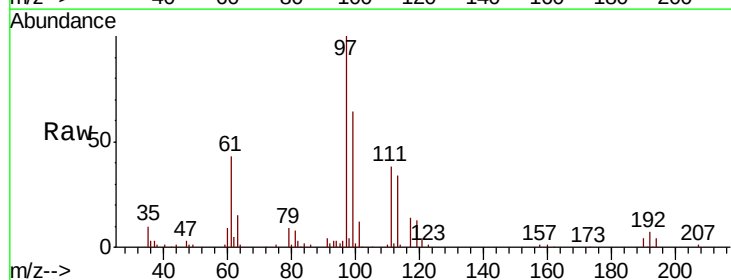
Tgt Ion: 97 Resp: 44095

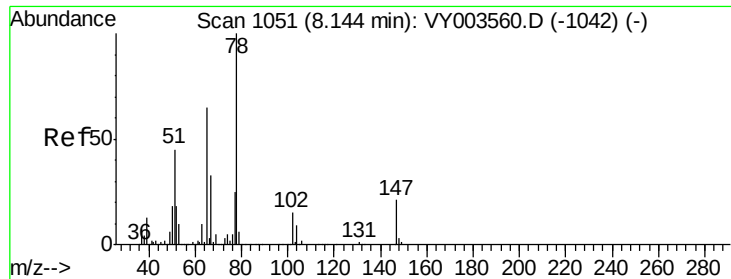
Ion Ratio Lower Upper

97 100

99 64.2 50.2 75.2

61 42.7 34.1 51.1

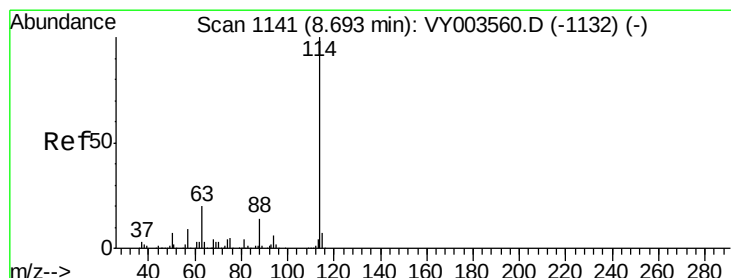
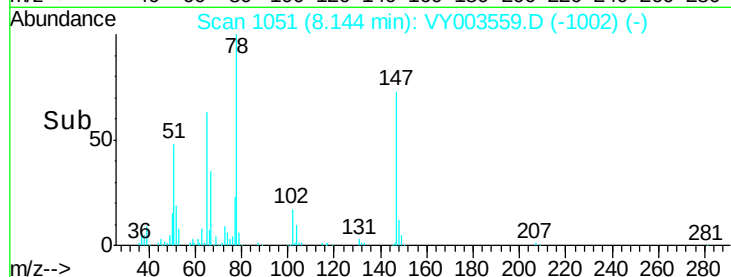
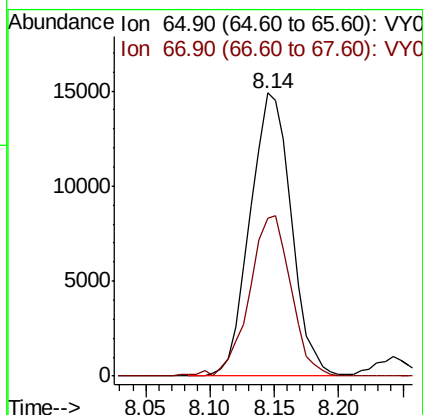
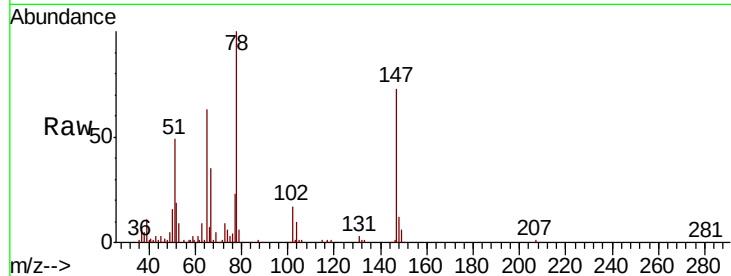




#33  
 1,2-Dichloroethane-d4  
 Concen: 20.686 ug/l  
 RT: 8.14 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

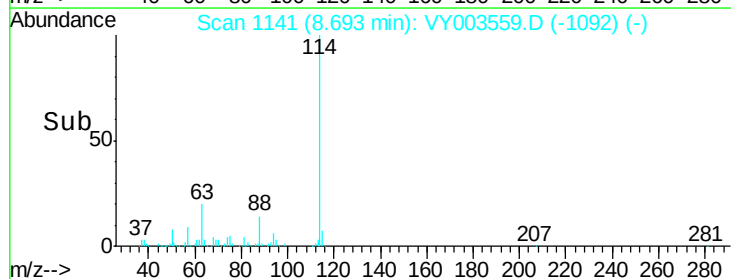
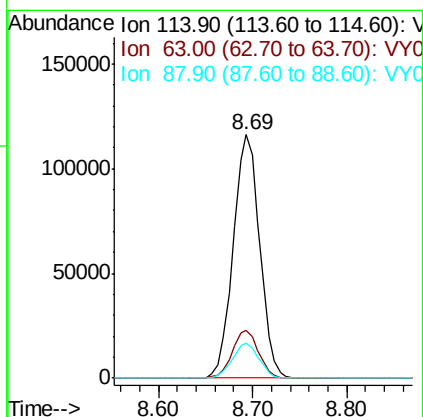
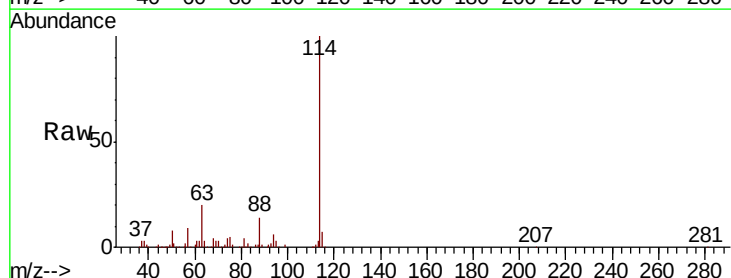
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

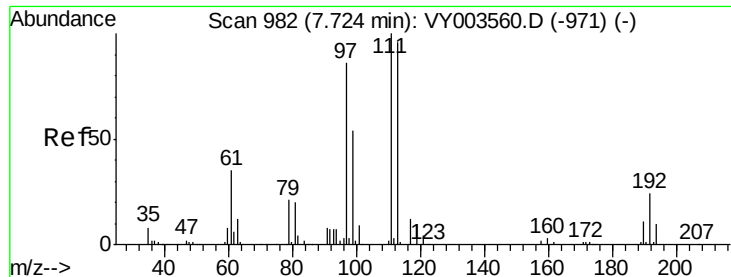
Tot Ion: 65 Resp: 33023  
 Ion Ratio Lower Upper  
 65 100  
 67 57.0 0.0 110.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

Tgt Ion: 114 Resp: 226769  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 39.8  
 88 14.2 0.0 29.0

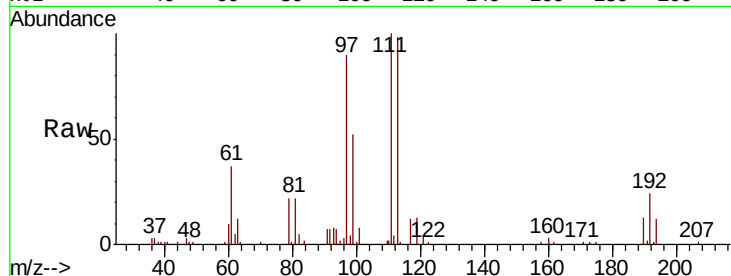




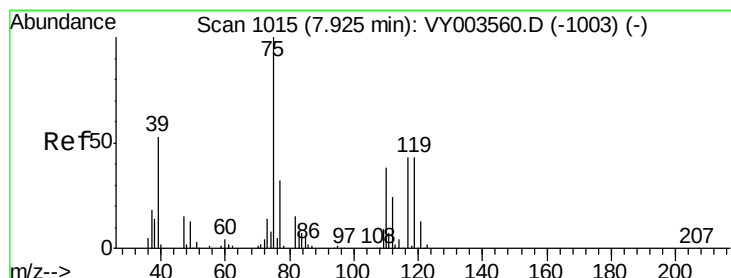
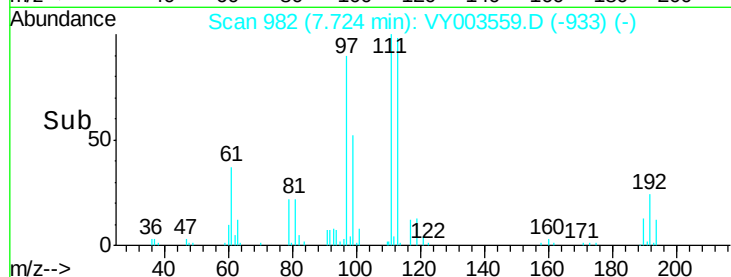
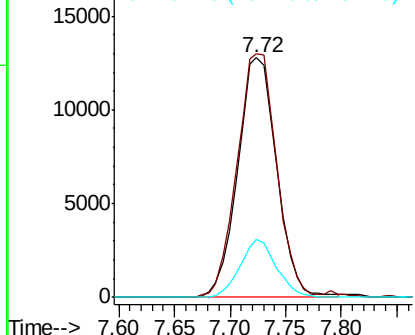
#35  
Dibromofluoromethane  
Concen: 20.907 ug/l  
RT: 7.72 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:113 Resp: 31165  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.4 122.0  
192 22.3 18.1 27.1

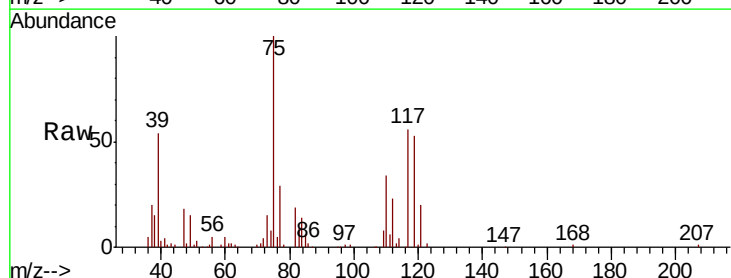


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

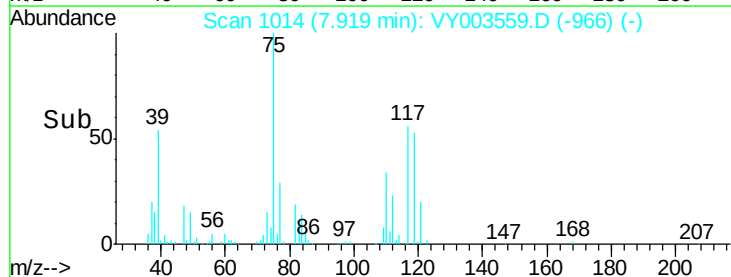
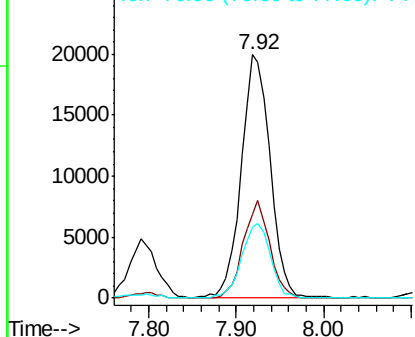


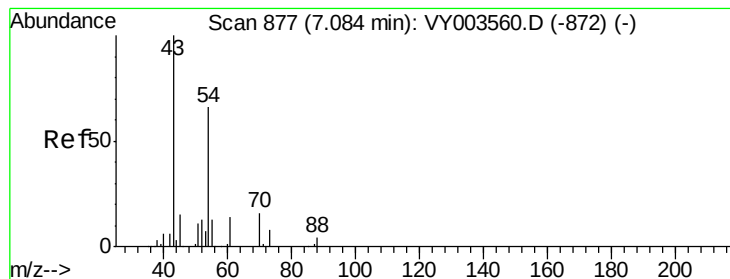
#36  
1,1-Dichloropropene  
Concen: 20.537 ug/l  
RT: 7.92 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion: 75 Resp: 45849  
Ion Ratio Lower Upper  
75 100  
110 36.5 18.7 56.1  
77 30.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 20.066 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampled :

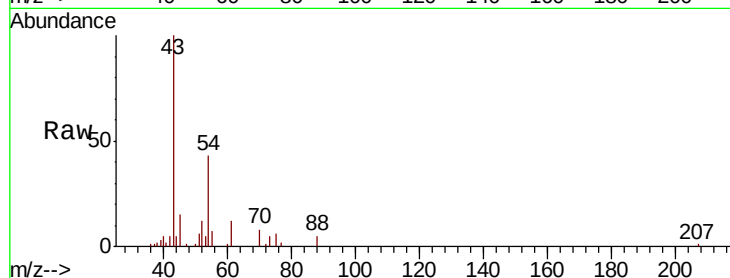
Tot Ion: 43 Resp: 26996

Ion Ratio Lower Upper

43 100

61 14.2 10.3 15.5

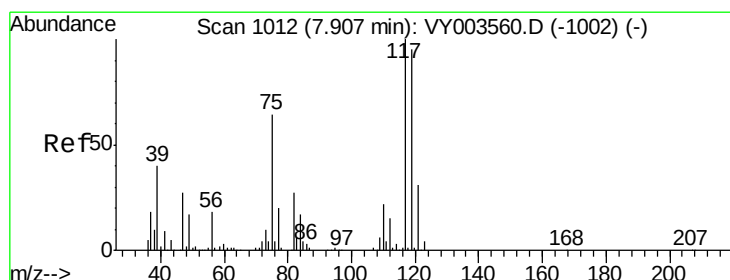
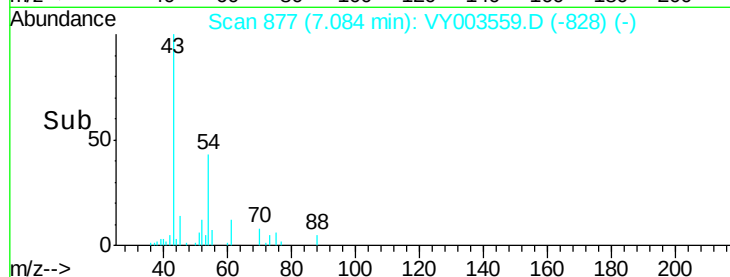
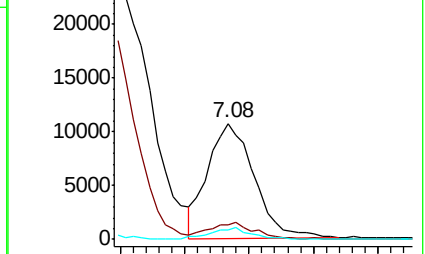
70 8.8 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VY003559.D (-828) (-)

Ion 60.90 (60.60 to 61.60): VY003559.D (-828) (-)

Ion 70.00 (69.70 to 70.70): VY003559.D (-828) (-)



#38

Carbon Tetrachloride

Concen: 20.681 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

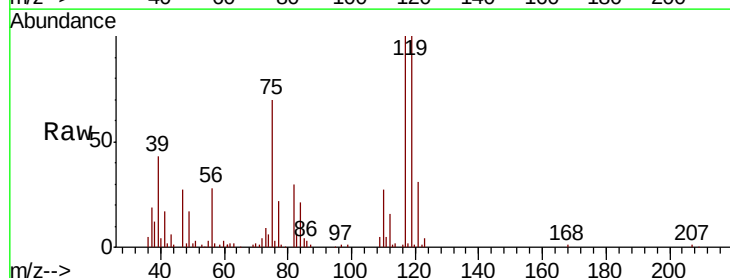
Tgt Ion: 117 Resp: 42770

Ion Ratio Lower Upper

117 100

119 99.7 76.3 114.5

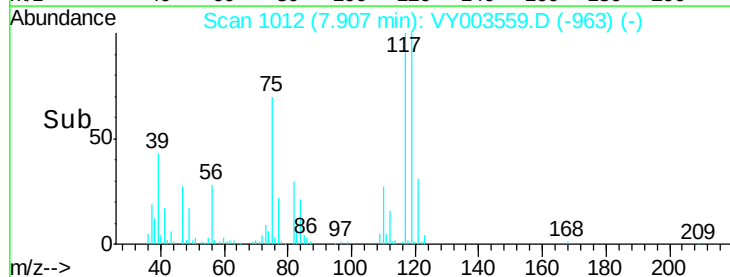
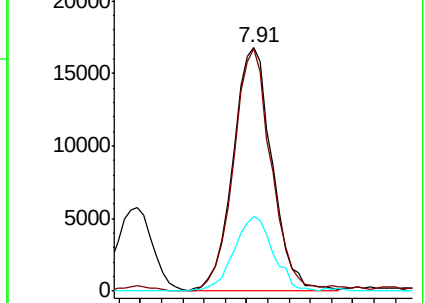
121 30.6 25.1 37.7

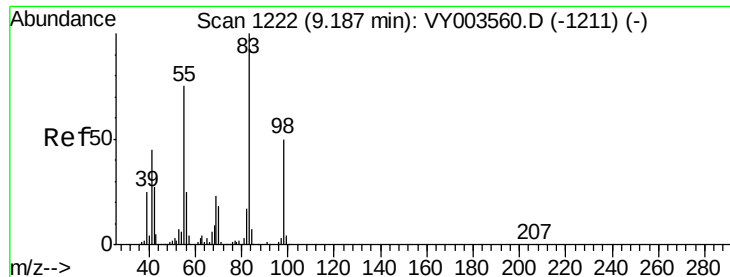


Abundance Ion 116.80 (116.50 to 117.50): VY003559.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003559.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003559.D (-963) (-)

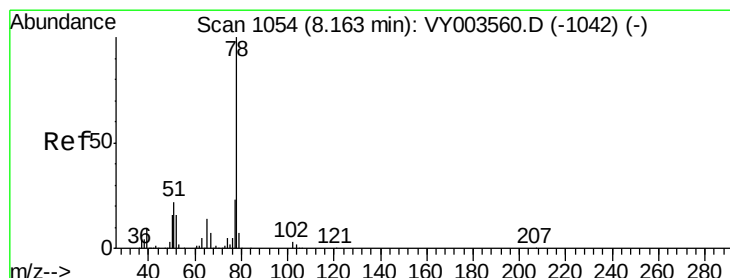
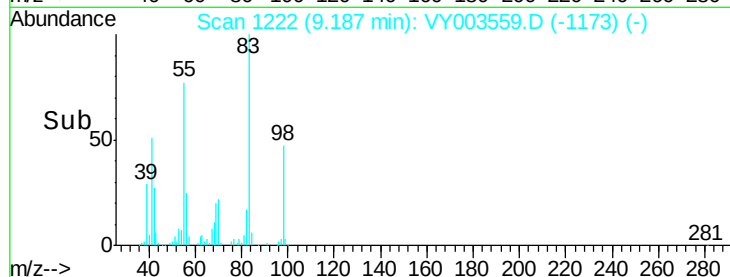
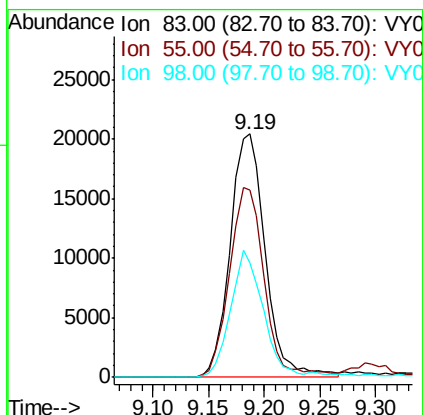
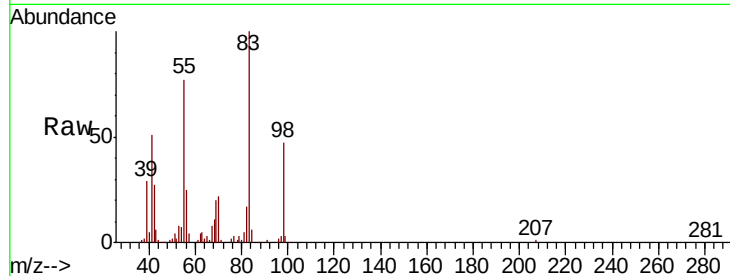




#39  
Methylvlcyclohexane  
Concen: 19.698 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

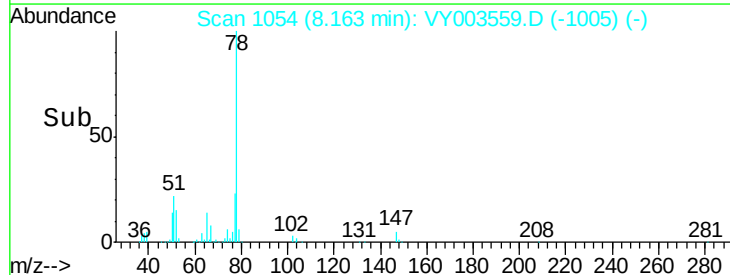
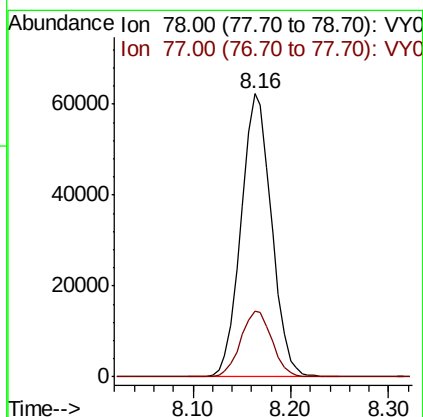
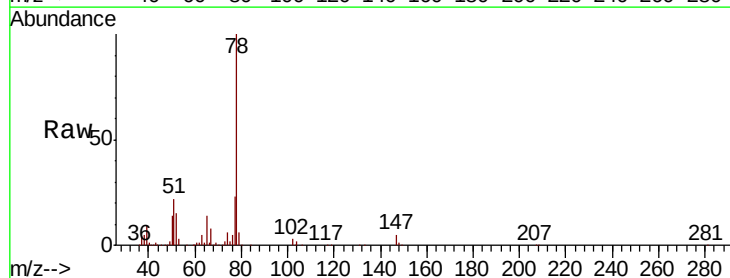
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 83 Resp: 44690  
Ion Ratio Lower Upper  
83 100  
55 77.0 60.2 90.4  
98 47.1 40.3 60.5

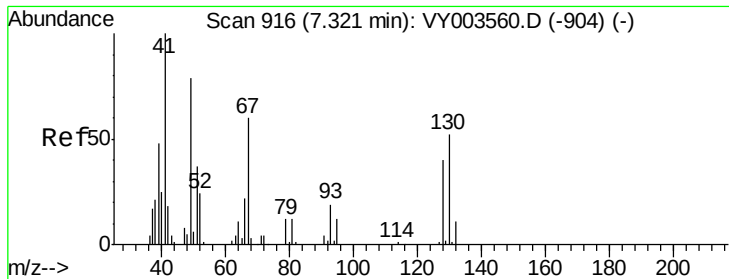


#40  
Benzene  
Concen: 20.341 ug/l  
RT: 8.16 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion: 78 Resp: 134616  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.6 28.0



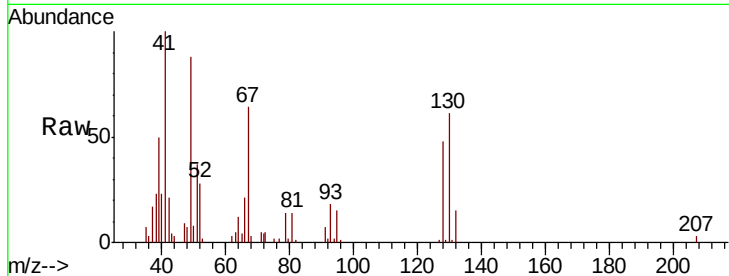




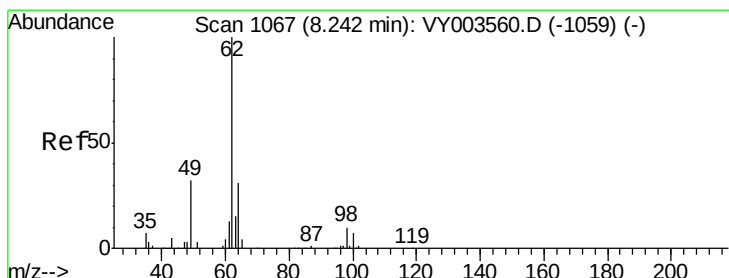
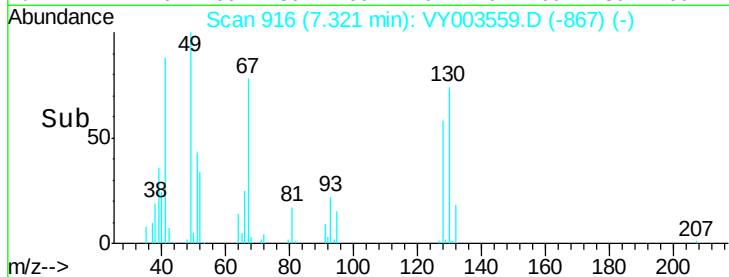
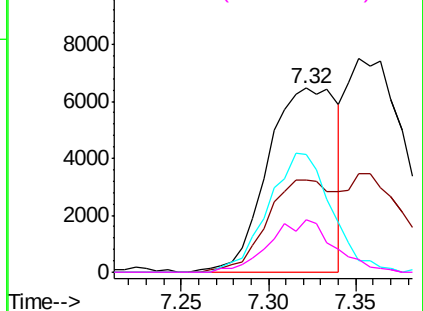
#41  
Methacrylonitrile  
Concen: 26.987 ug/l  
RT: 7.32 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Instrument :  
MSVOA\_Y  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 17852 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 43.5  | 41.4  | 62.0  |
| 67       | 59.0  | 57.2  | 85.8  |
| 52       | 26.6  | 23.6  | 35.4  |

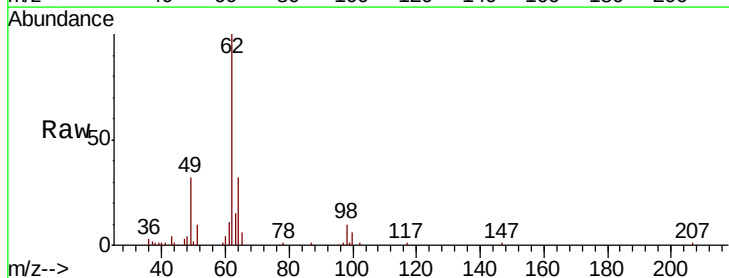


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

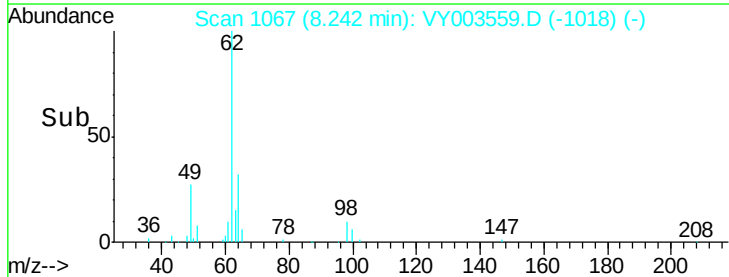
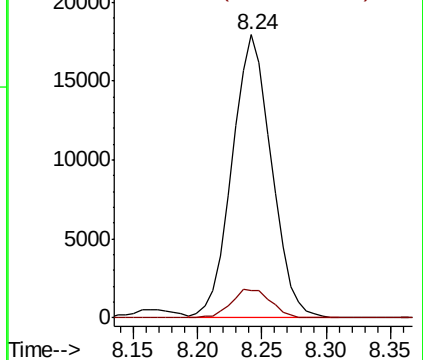


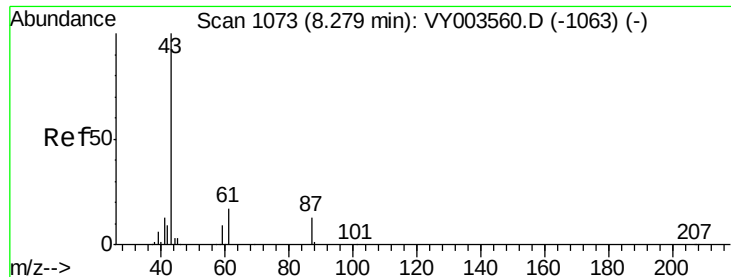
#42  
1,2-Dichloroethane  
Concen: 20.246 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 38117 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.1  | 0.0   | 20.4  |



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





#43

Isopropyl Acetate

Concen: 20.013 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampleId :

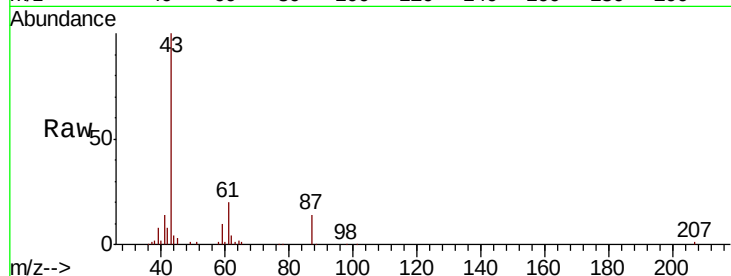
Tot Ion: 43 Resp: 49439

Ion Ratio Lower Upper

43 100

61 28.2 21.4 32.0

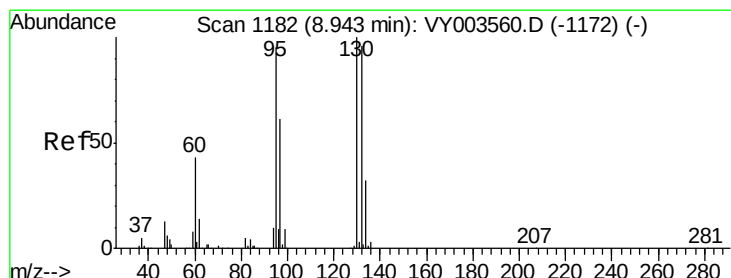
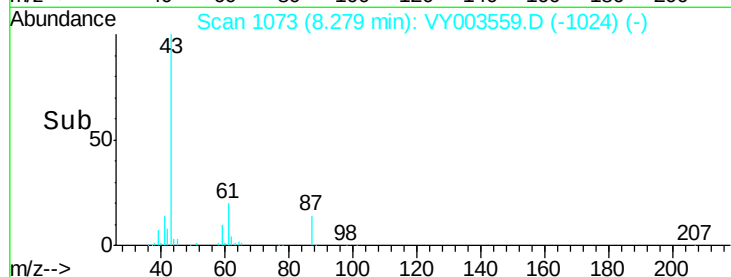
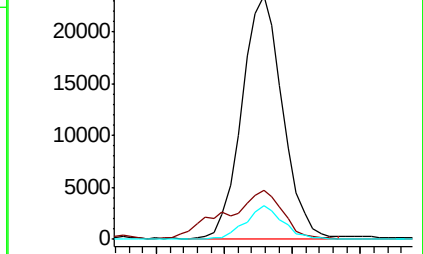
87 12.8 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VY003559.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003559.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003559.D (-1024) (-)



#44

Trichloroethene

Concen: 20.404 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003559.D

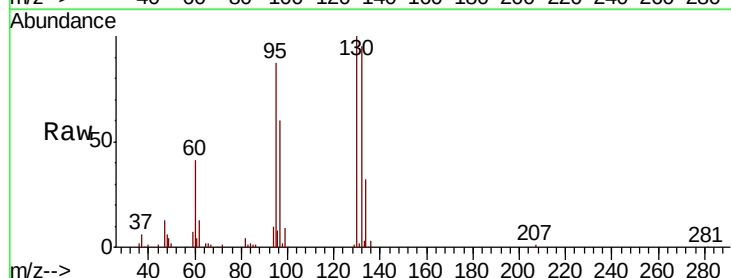
Acq: 20 Nov 2020 10:57

Tgt Ion: 130 Resp: 36794

Ion Ratio Lower Upper

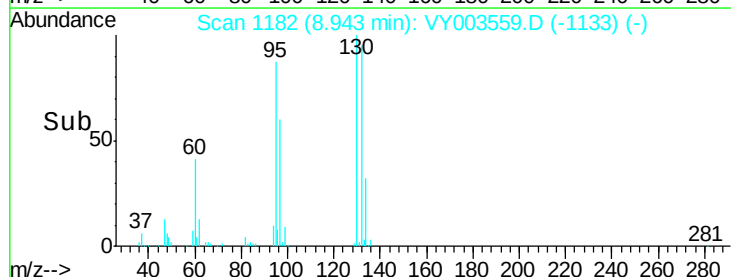
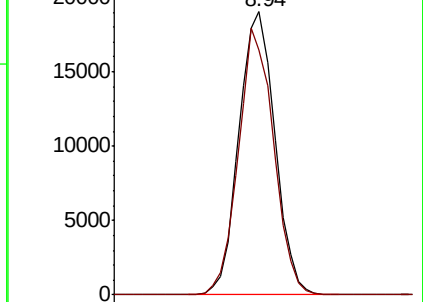
130 100

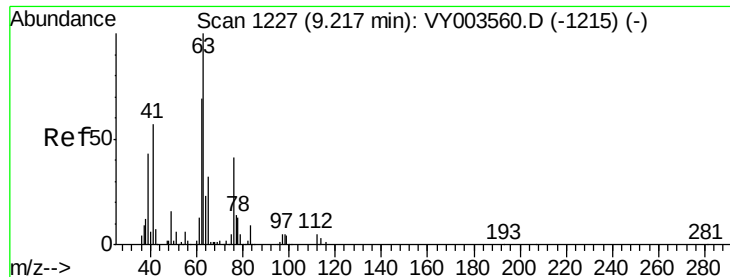
95 86.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VY003559.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003559.D (-1133) (-)

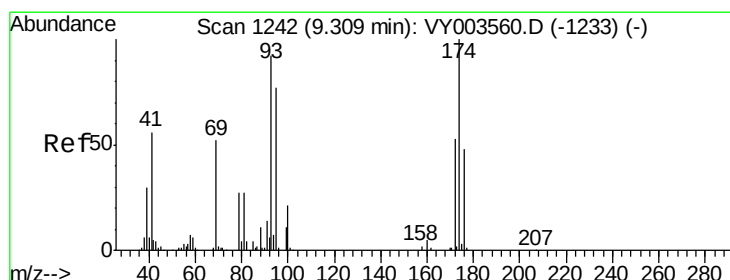
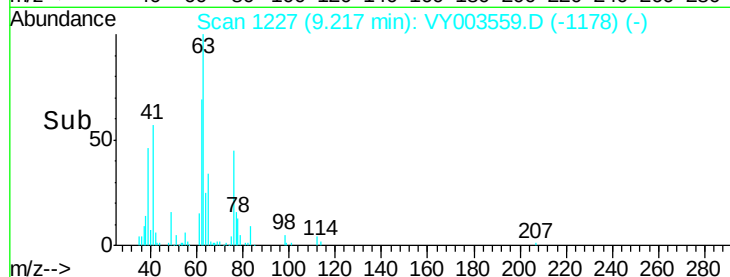
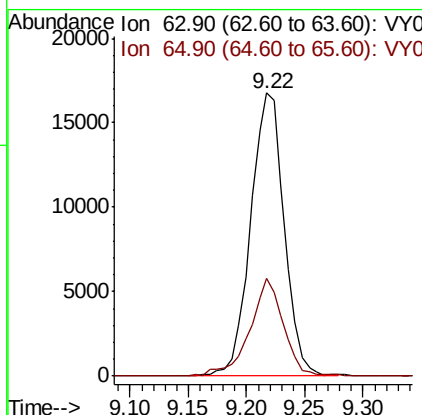
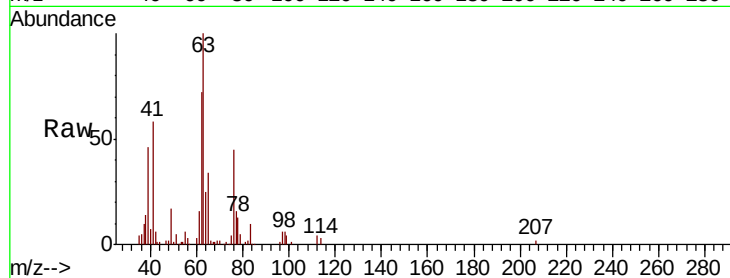




#45  
 1,2-Dichloropropane  
 Concen: 20.511 ug/l  
 RT: 9.22 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

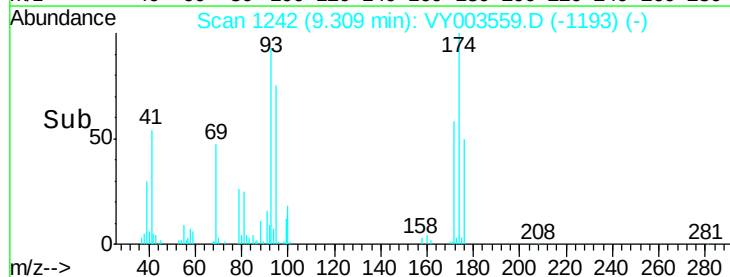
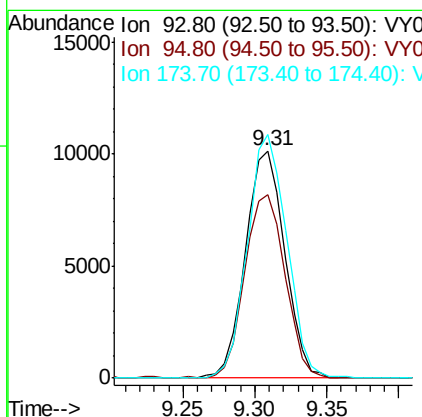
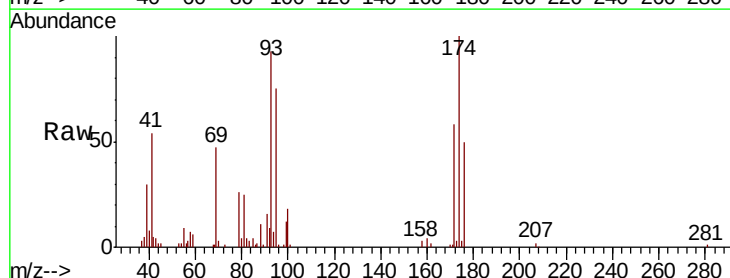
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

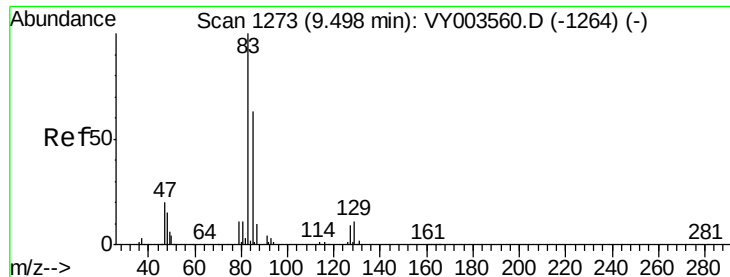
Tot Ion: 63 Resp: 33649  
 Ion Ratio Lower Upper  
 63 100  
 65 34.1 25.7 38.5



#46  
 Dibromomethane  
 Concen: 20.547 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

Tgt Ion: 93 Resp: 19196  
 Ion Ratio Lower Upper  
 93 100  
 95 82.4 65.9 98.9  
 174 107.3 86.8 130.2





#47

Bromodichloromethane

Concen: 19.940 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampleId :

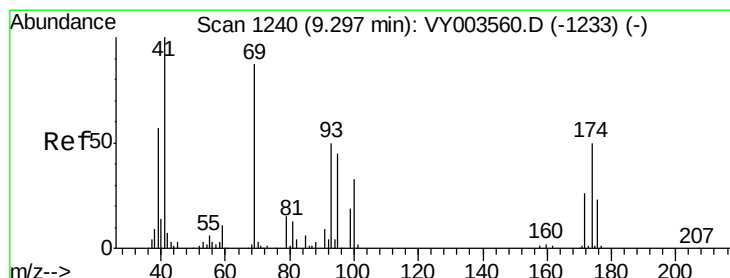
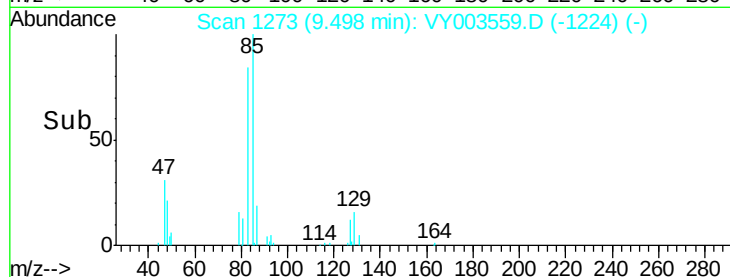
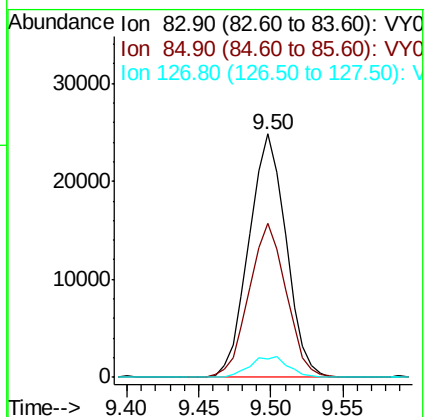
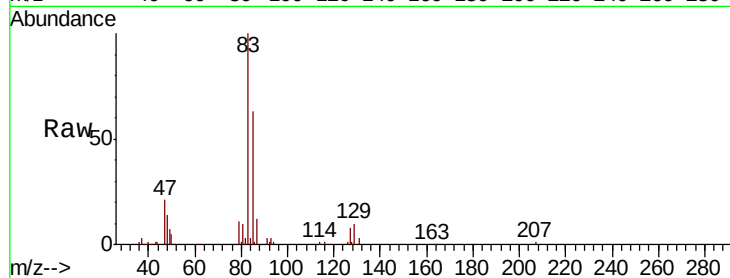
Tot Ion: 83 Resp: 44248

Ion Ratio Lower Upper

83 100

85 63.5 50.7 76.1

127 7.7 7.0 10.4



#48

Methyl methacrylate

Concen: 19.723 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

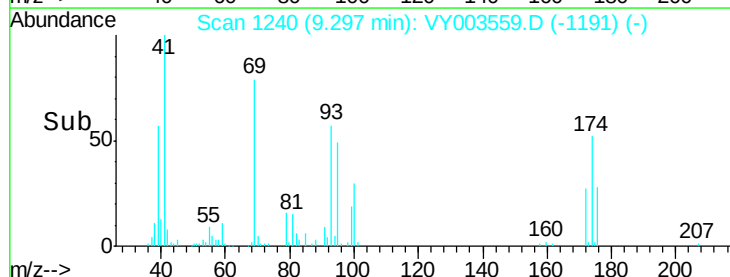
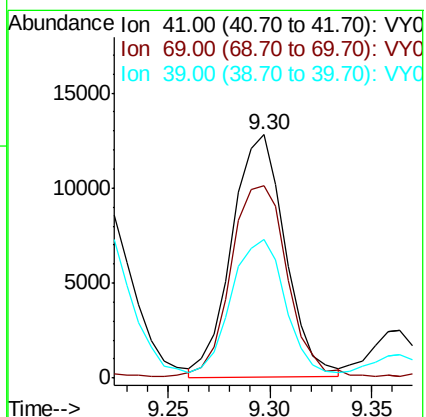
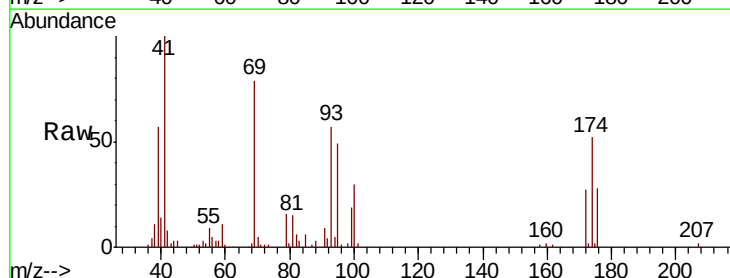
Tgt Ion: 41 Resp: 23323

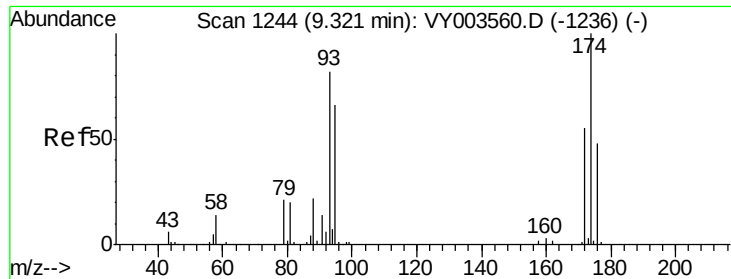
Ion Ratio Lower Upper

41 100

69 82.9 68.6 102.8

39 59.0 48.8 73.2

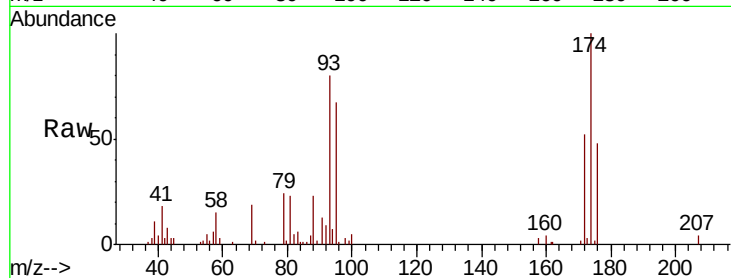




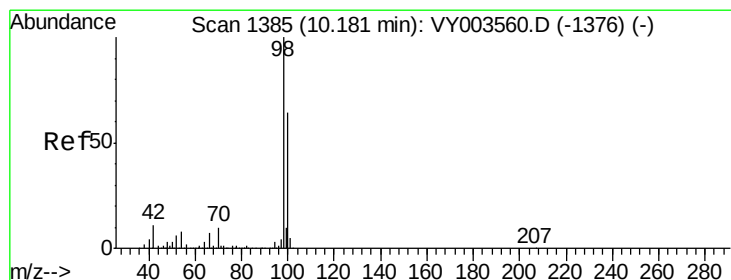
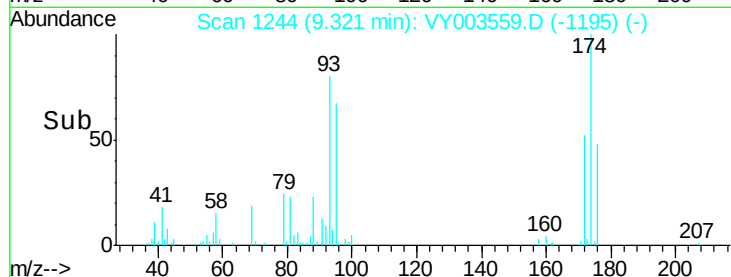
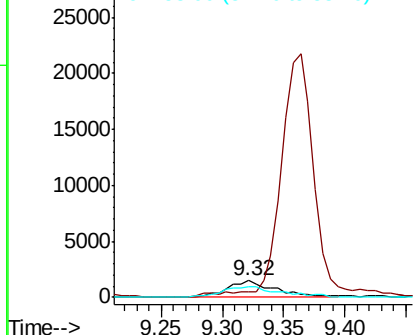
#49  
1,4-Dioxane  
Concen: 393.387 ug/l  
RT: 9.32 min Scan# 1244  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 88 Resp: 4211  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 75.8 50.9 76.3

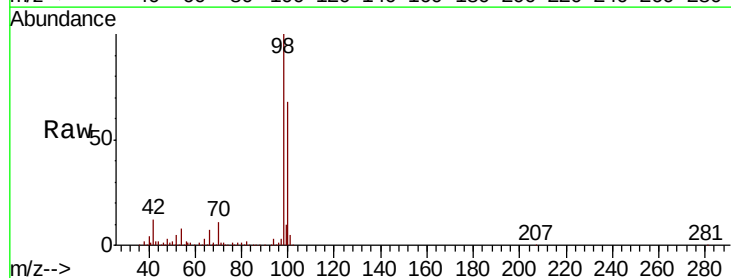


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

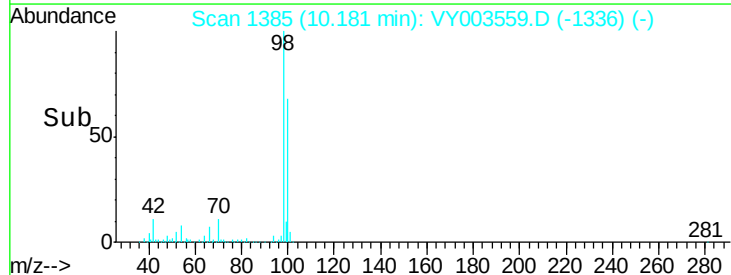
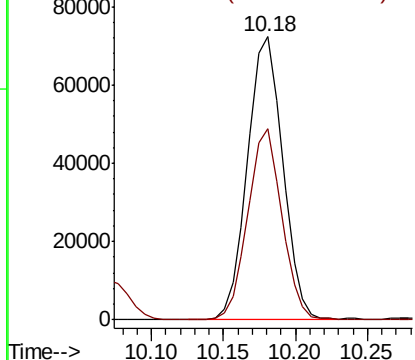


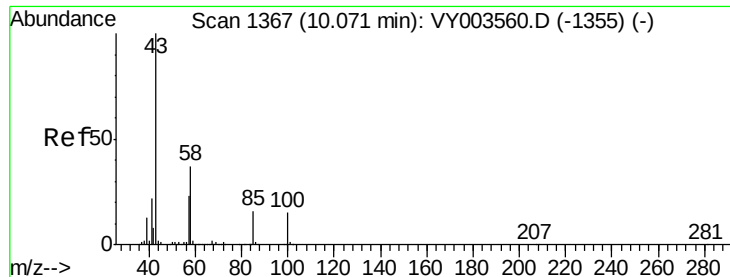
#50  
Toluene-d8  
Concen: 21.223 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion: 98 Resp: 123019  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.4 77.2



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

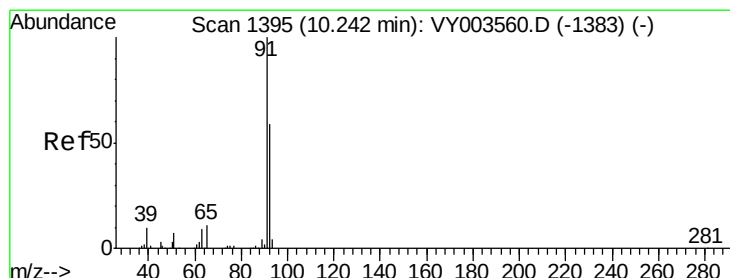
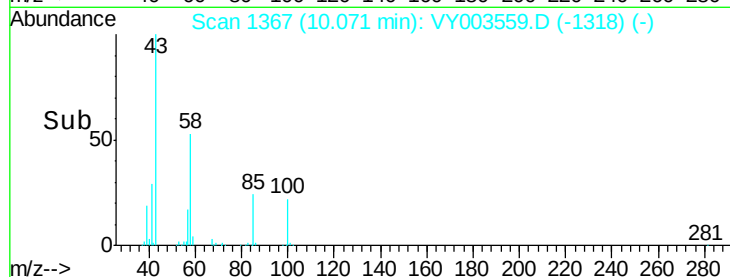
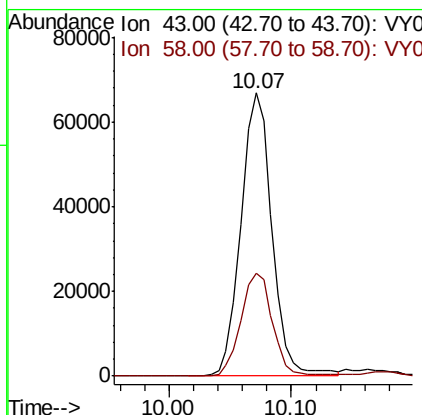
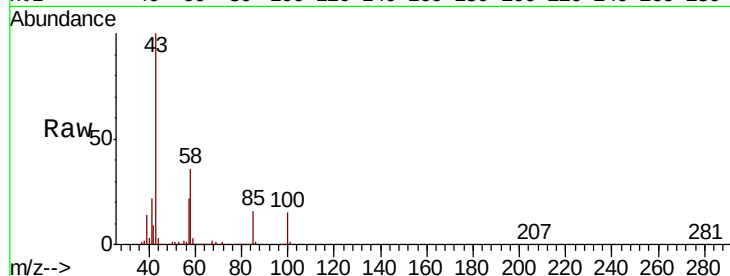




#51  
4-Methyl-2-Pentanone  
Concen: 99.295 ug/l  
RT: 10.07 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

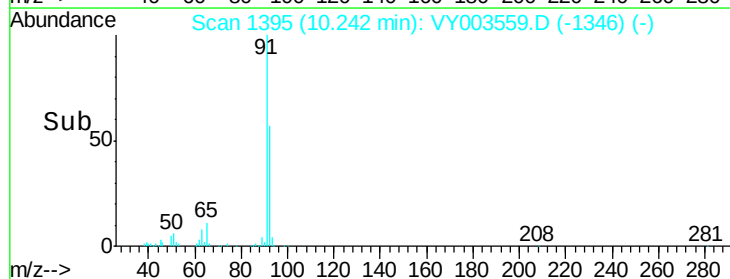
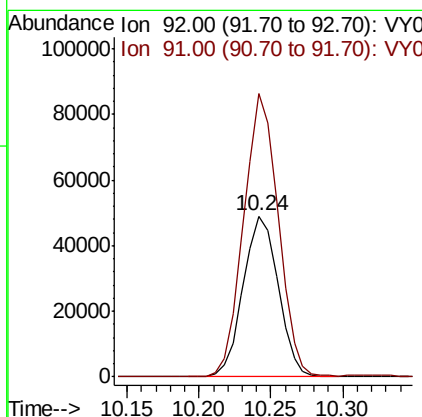
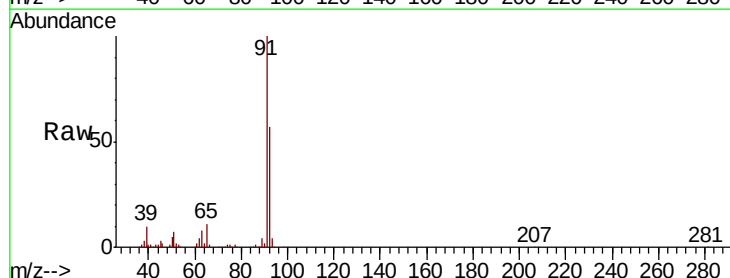
Instrument :  
MSVOA\_Y  
ClientSampled :

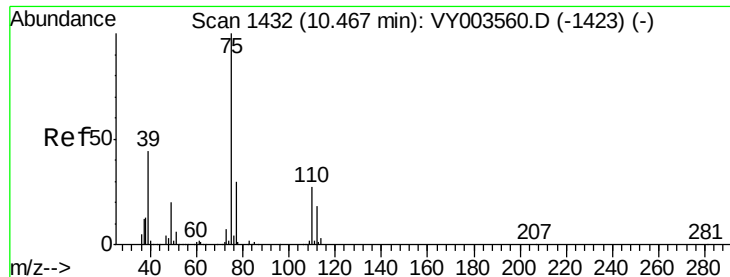
Tot Ion: 43 Resp: 117560  
Ion Ratio Lower Upper  
43 100  
58 36.9 29.8 44.8



#52  
Toluene  
Concen: 20.505 ug/l  
RT: 10.24 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion: 92 Resp: 83089  
Ion Ratio Lower Upper  
92 100  
91 173.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.034 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

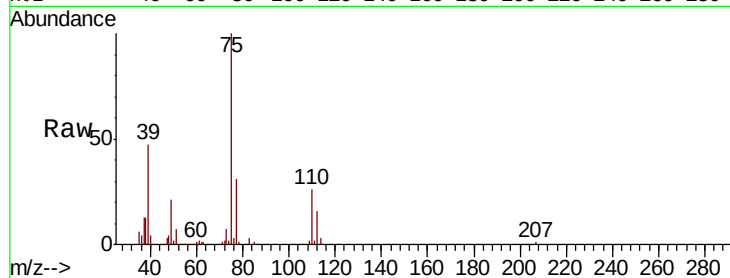
ClientSampleId :

Tot Ion: 75 Resp: 46530

Ion Ratio Lower Upper

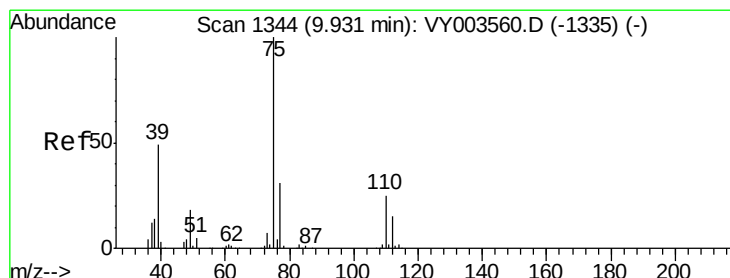
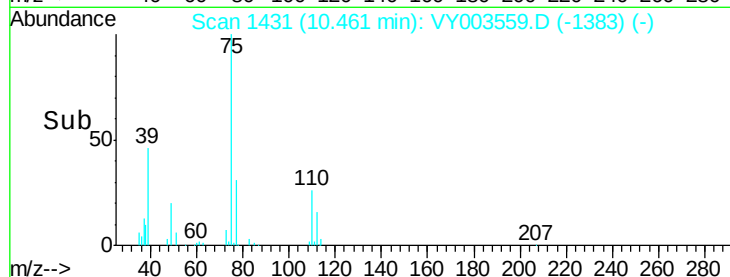
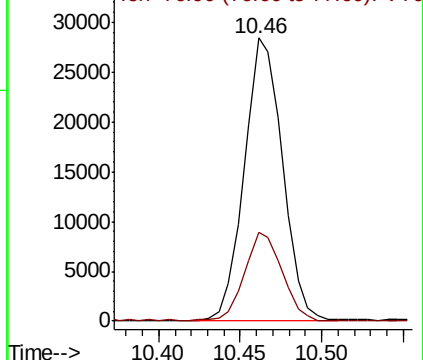
75 100

77 31.0 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.348 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

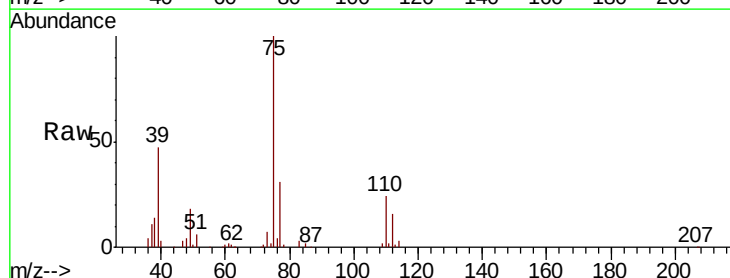
Tgt Ion: 75 Resp: 53788

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

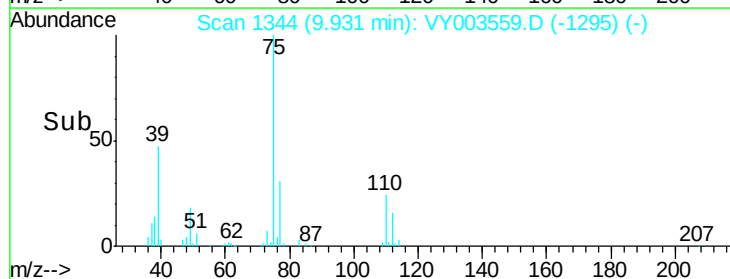
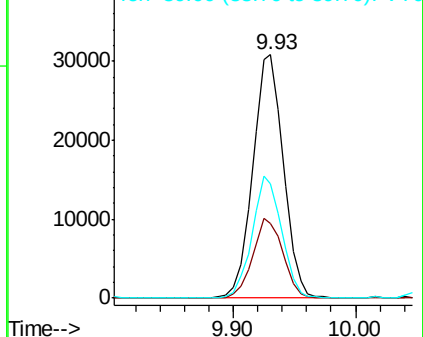
39 46.8 38.9 58.3

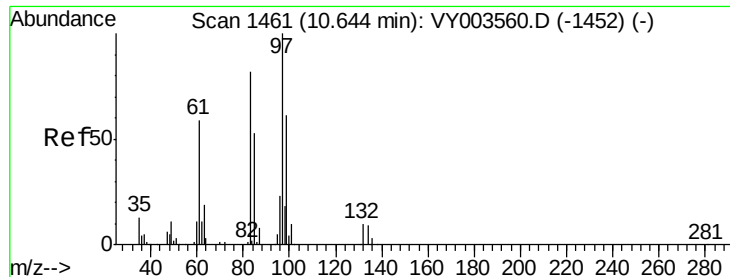


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 21.139 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampleId :

Tot Ion: 97 Resp: 28011

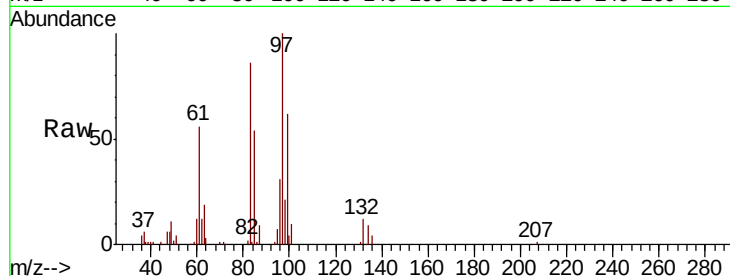
Ion Ratio Lower Upper

97 100

83 86.3 65.2 97.8

85 54.4 42.4 63.6

99 61.7 48.5 72.7

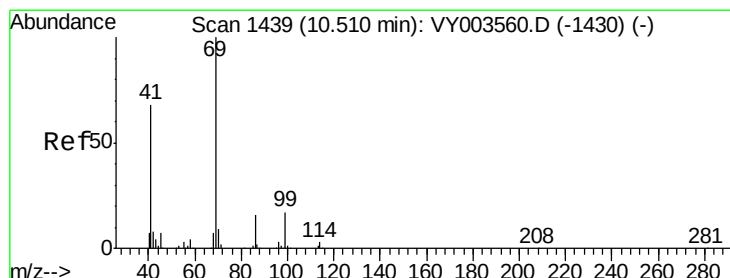
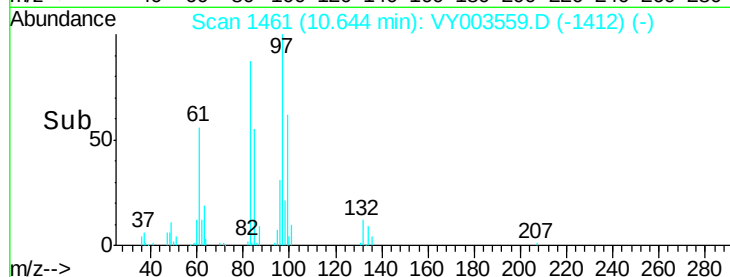
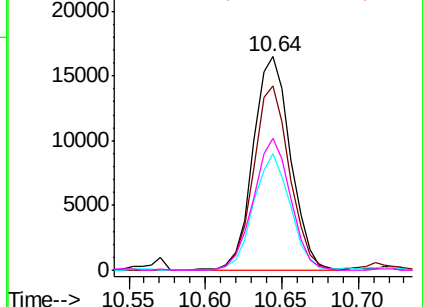


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.452 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

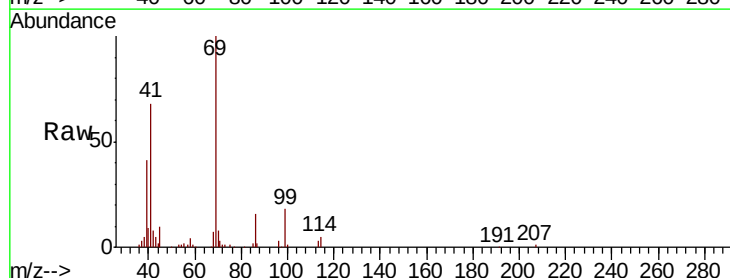
Tgt Ion: 69 Resp: 31324

Ion Ratio Lower Upper

69 100

41 70.3 55.4 83.0

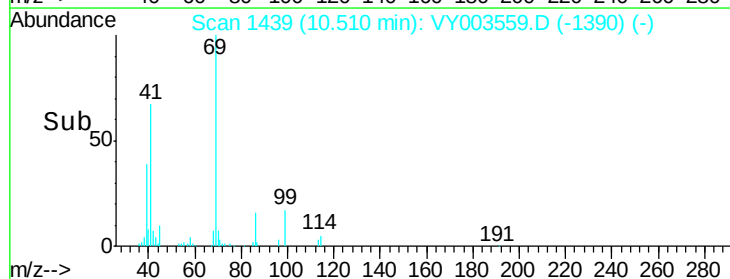
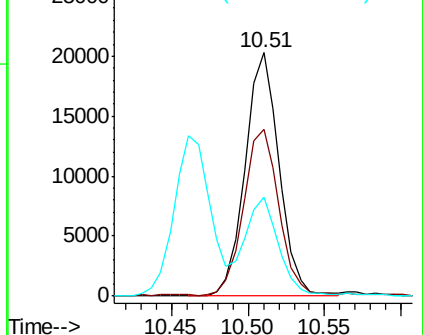
39 40.0 30.2 45.2



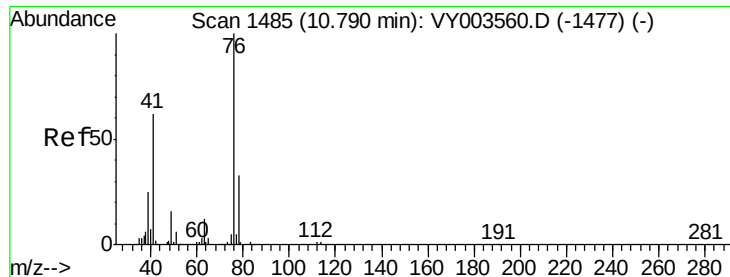
Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0







#57

1,3-Dichloropropane

Concen: 20.930 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

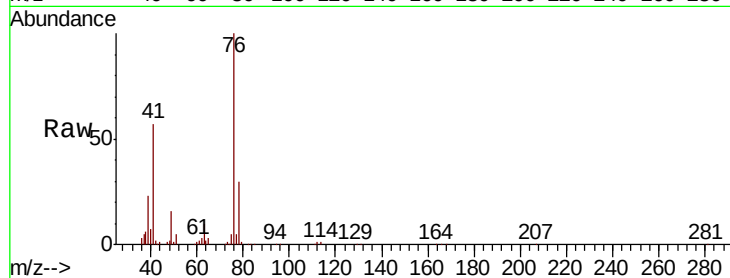
ClientSampleId :

Tot Ion: 76 Resp: 46943

Ion Ratio Lower Upper

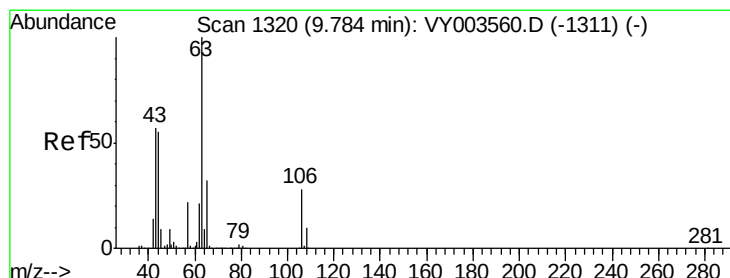
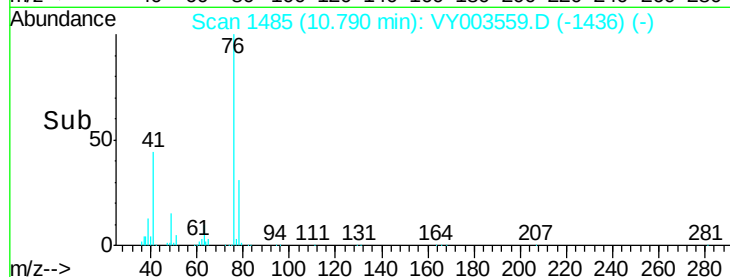
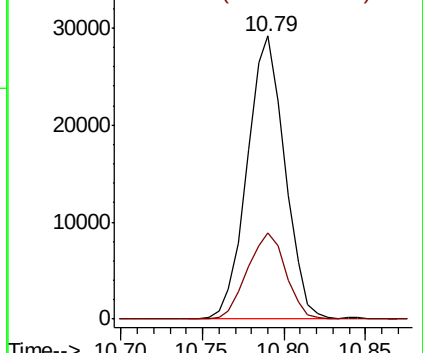
76 100

78 31.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 106.428 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003559.D

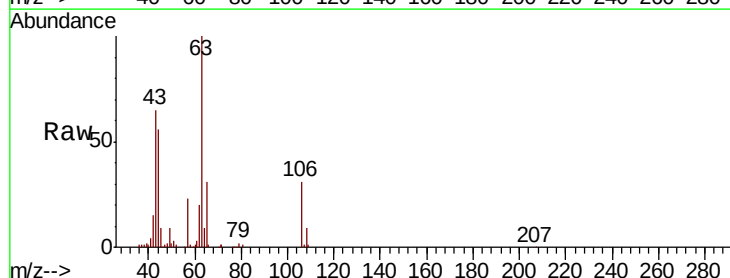
Acq: 20 Nov 2020 10:57

Tgt Ion: 63 Resp: 87952

Ion Ratio Lower Upper

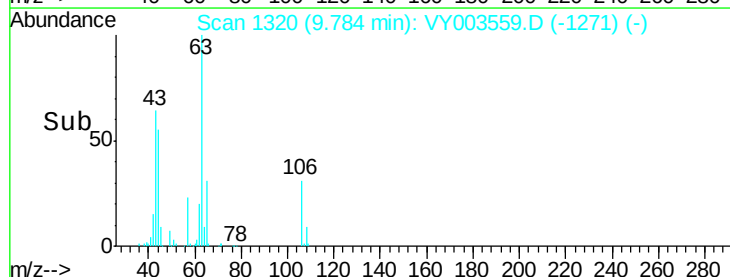
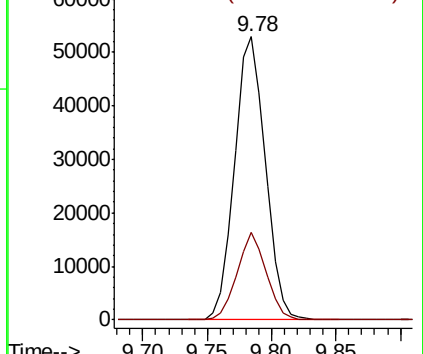
63 100

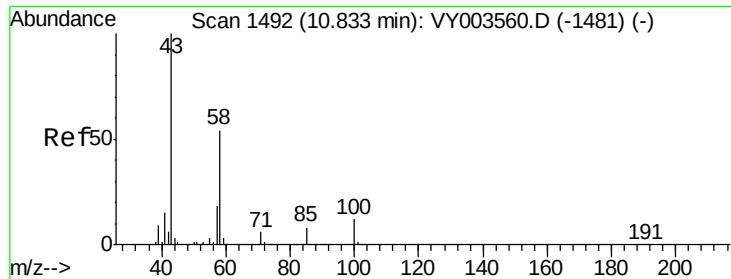
106 29.2 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 96.470 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

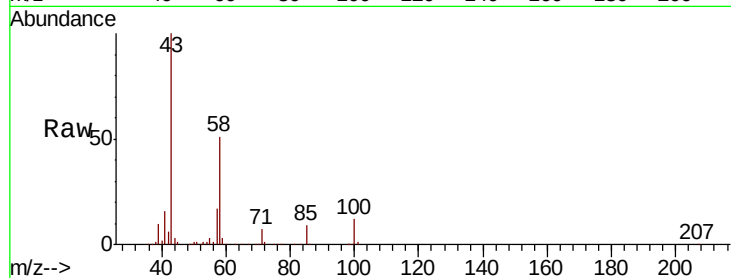
ClientSampleId :

Tot Ion: 43 Resp: 94154

Ion Ratio Lower Upper

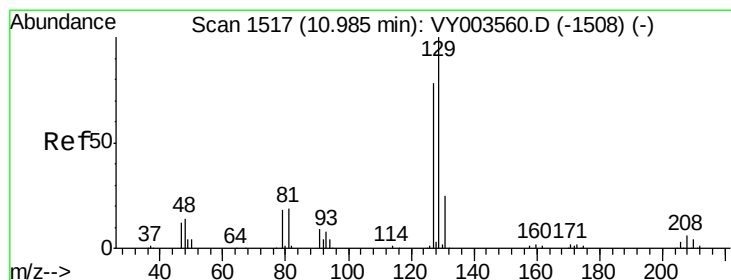
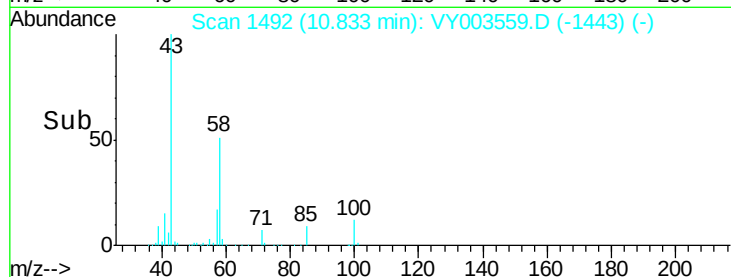
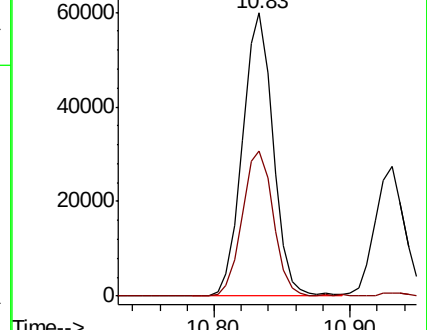
43 100

58 52.2 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VY003560.D (-1481) (-)

Ion 58.00 (57.70 to 58.70): VY003560.D (-1481) (-)



#60

Dibromochloromethane

Concen: 20.980 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY003559.D

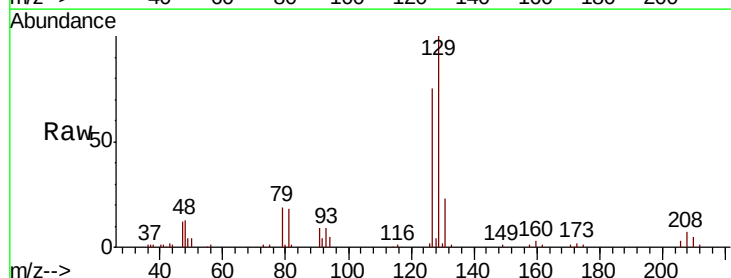
Acq: 20 Nov 2020 10:57

Tgt Ion: 129 Resp: 33614

Ion Ratio Lower Upper

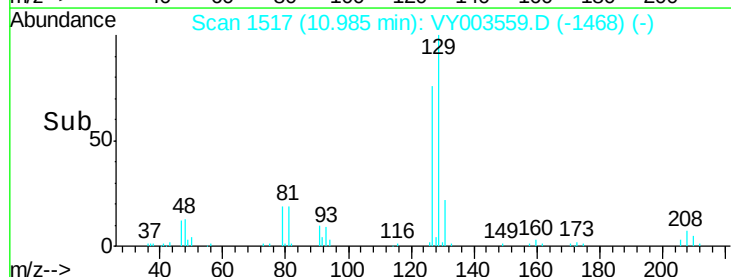
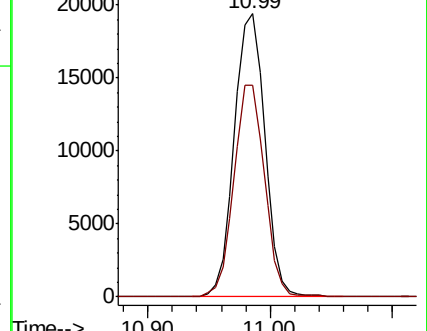
129 100

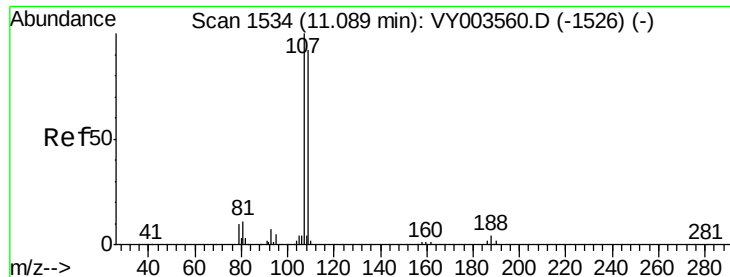
127 75.1 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): VY003560.D (-1508) (-)

Ion 126.80 (126.50 to 127.50): VY003560.D (-1508) (-)





#61

1,2-Dibromoethane

Concen: 20.197 ug/l

RT: 11.08 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

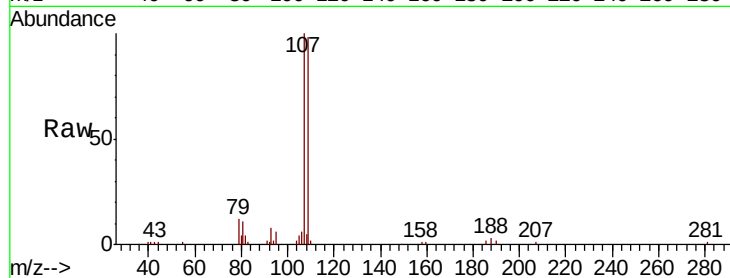
ClientSampleId :

Tot Ion:107 Resp: 25791

Ion Ratio Lower Upper

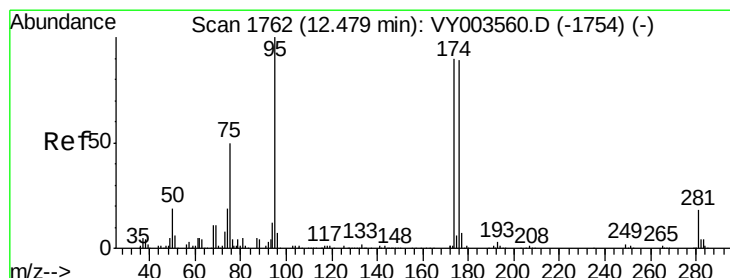
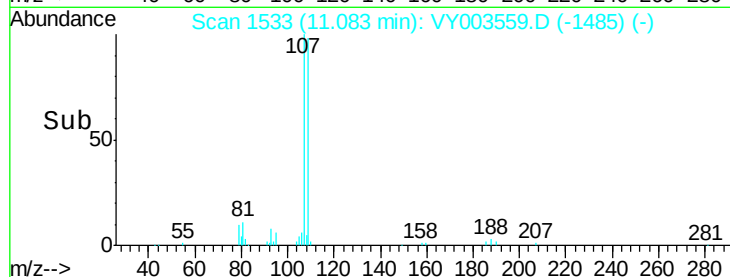
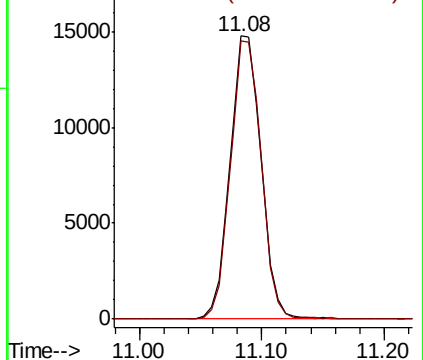
107 100

109 97.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.616 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

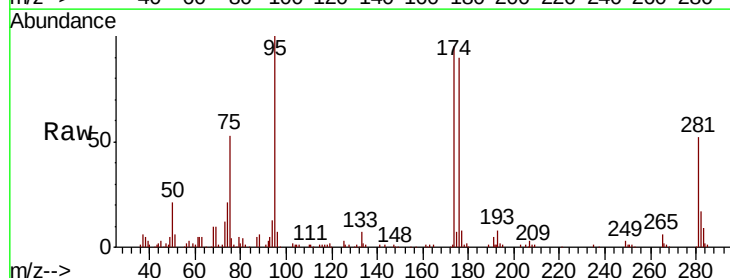
Tgt Ion: 95 Resp: 37924

Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.0

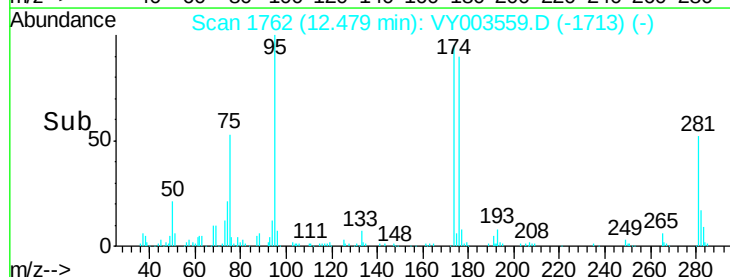
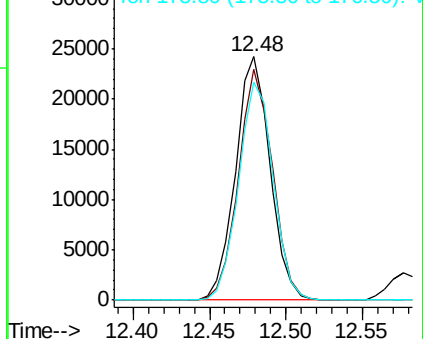
176 90.1 0.0 180.4

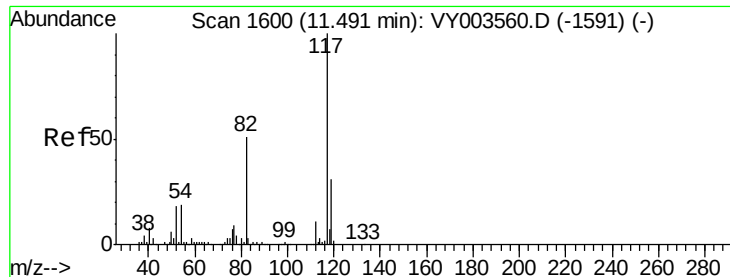


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

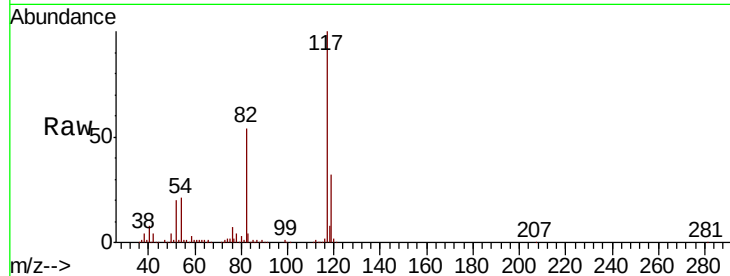




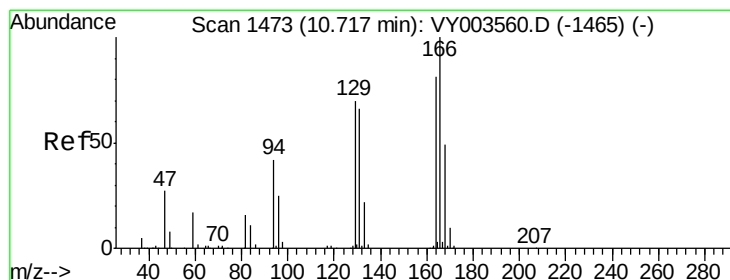
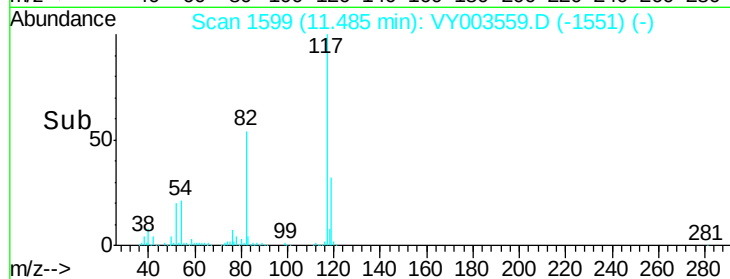
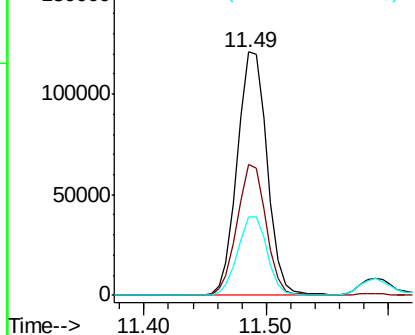
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:117 Resp: 205239  
Ion Ratio Lower Upper  
117 100  
82 53.9 41.0 61.6  
119 32.1 25.0 37.6

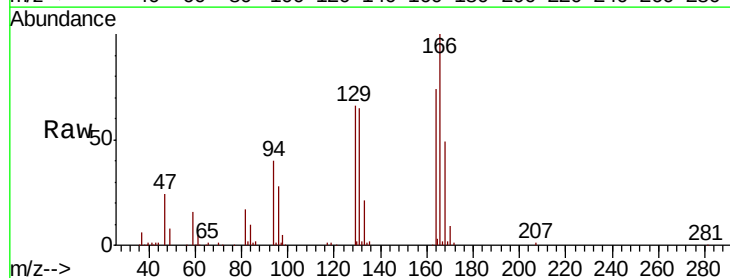


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

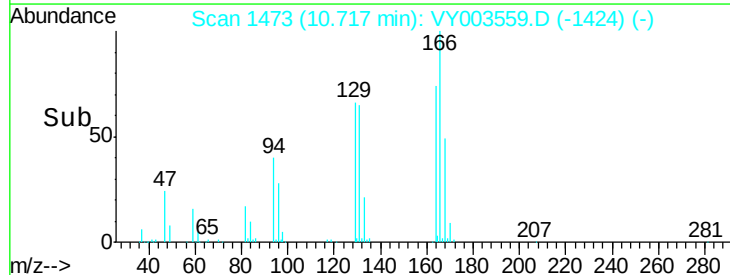
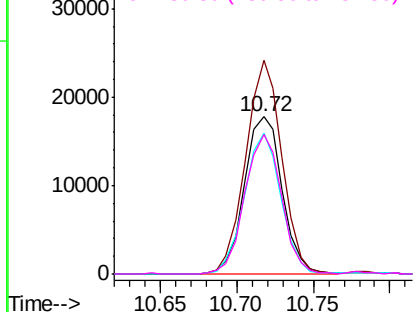


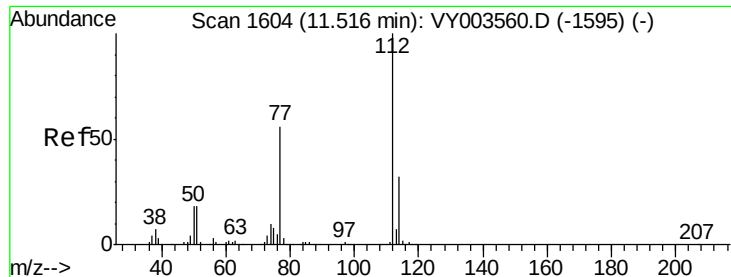
#64  
Tetrachloroethene  
Concen: 20.003 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion:164 Resp: 30666  
Ion Ratio Lower Upper  
164 100  
166 136.0 99.0 148.4  
129 89.4 69.1 103.7  
131 88.8 65.4 98.0



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

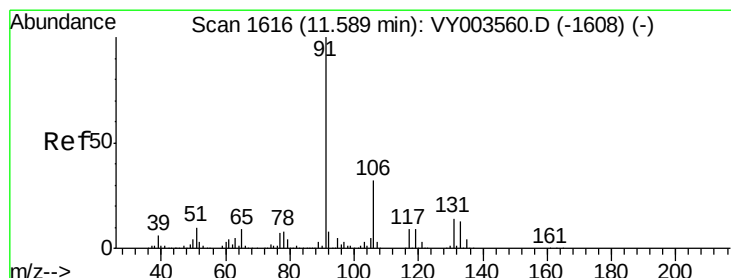
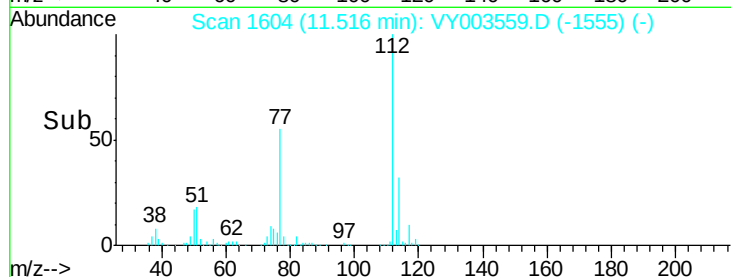
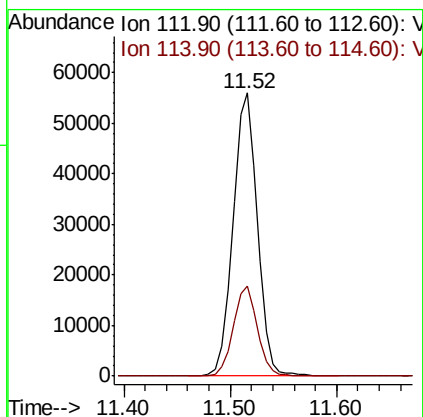
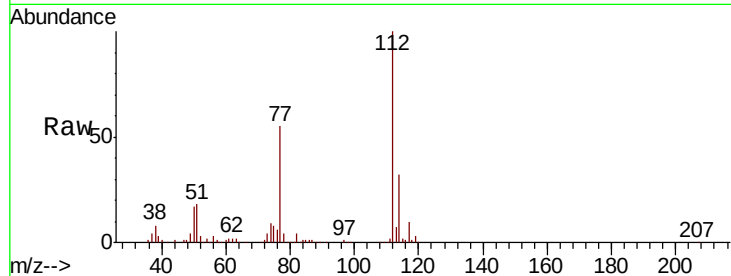




#65  
Chlorobenzene  
Concen: 20.212 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

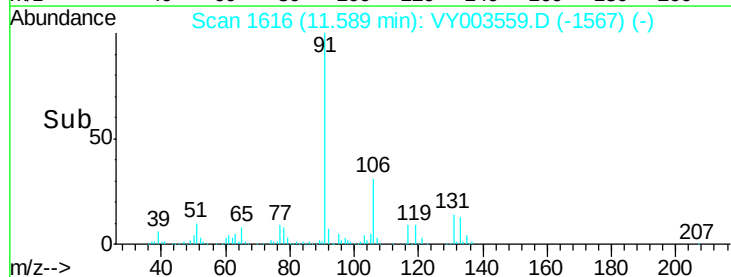
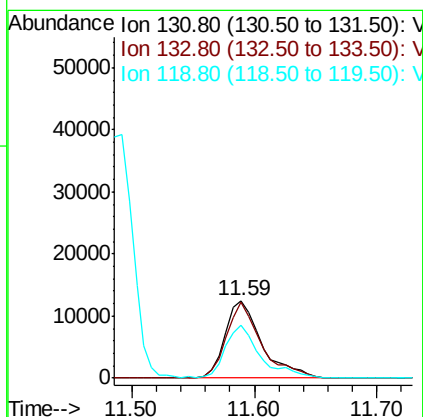
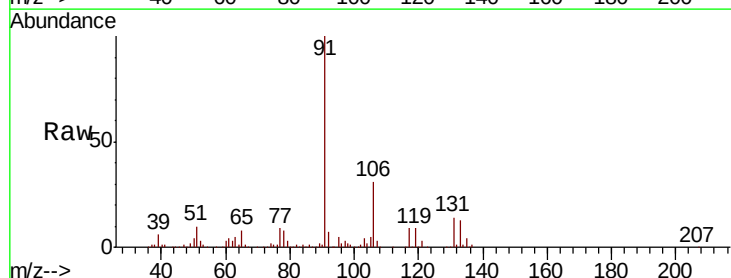
Instrument :  
MSVOA\_Y  
ClientSampleId :

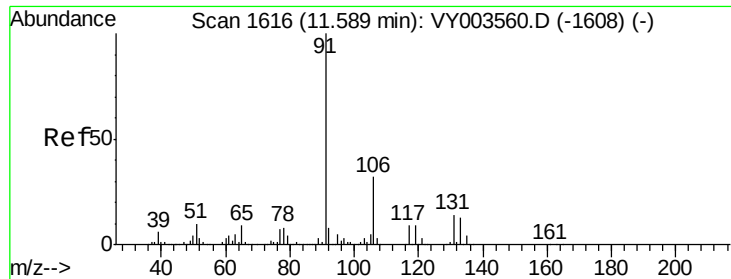
Tot Ion:112 Resp: 89750  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.305 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion:131 Resp: 25872  
Ion Ratio Lower Upper  
131 100  
133 92.8 47.1 141.4  
119 64.6 32.6 97.7

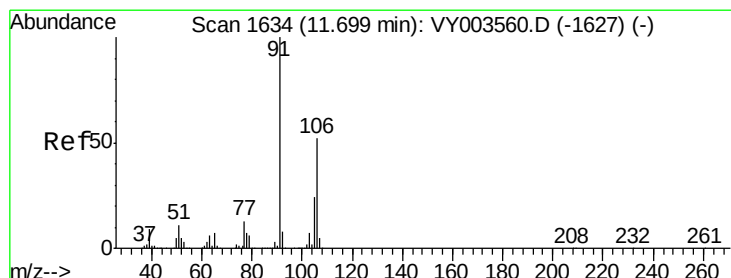
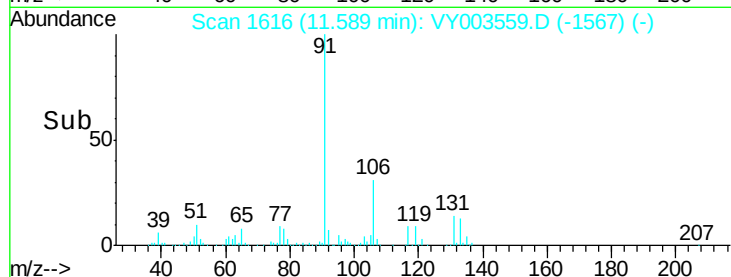
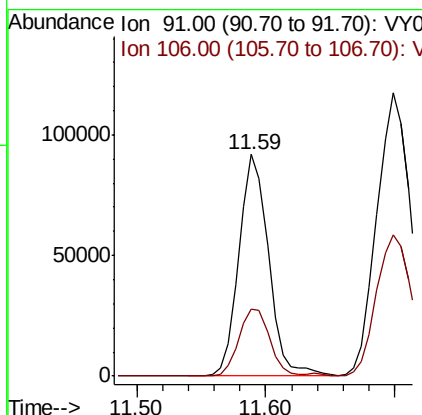
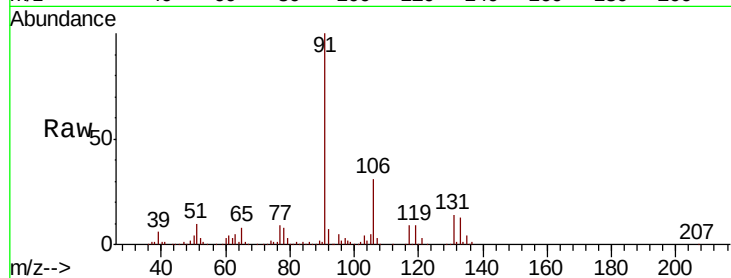




#67  
Ethyl Benzene  
Concen: 20.223 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

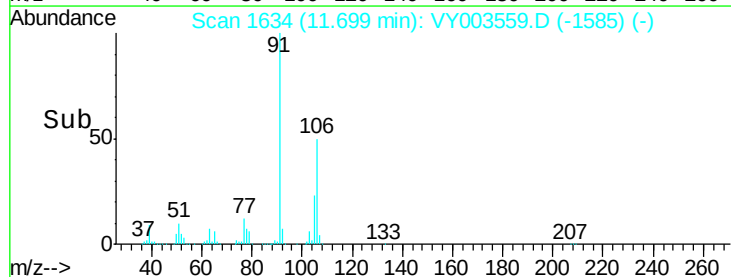
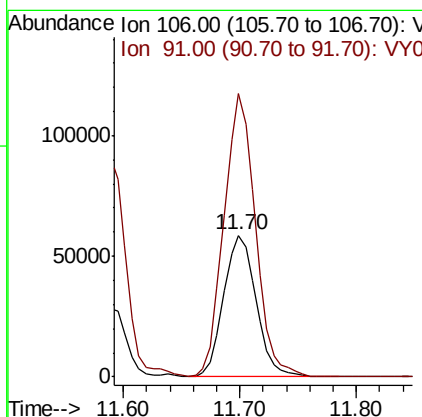
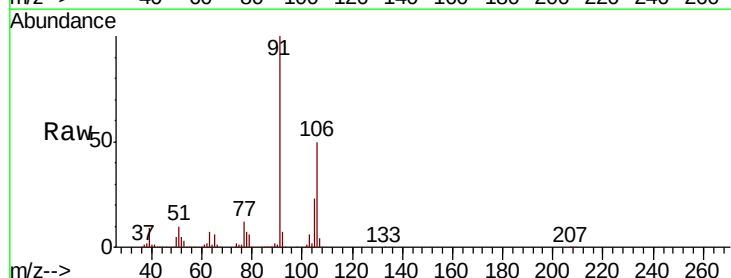
Instrument :  
MSVOA\_Y  
ClientSampled :

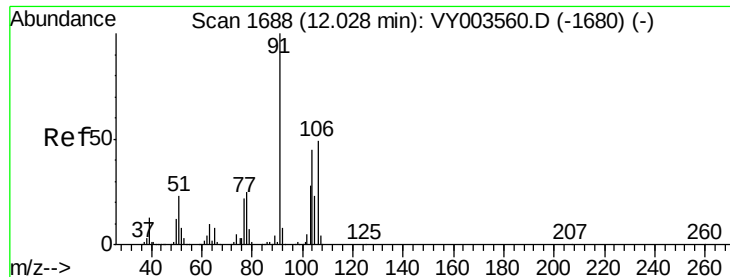
Tot Ion: 91 Resp: 147147  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.6 38.4



#68  
m/p-Xylenes  
Concen: 40.804 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion: 106 Resp: 113686  
Ion Ratio Lower Upper  
106 100  
91 193.6 154.2 231.4

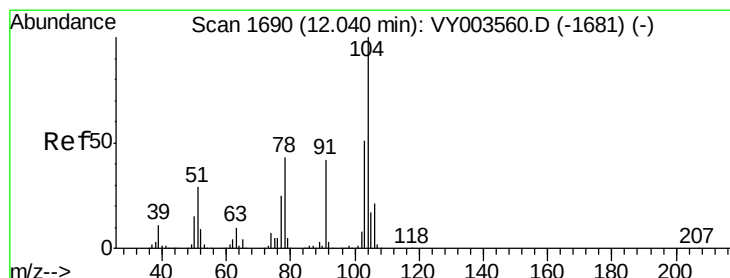
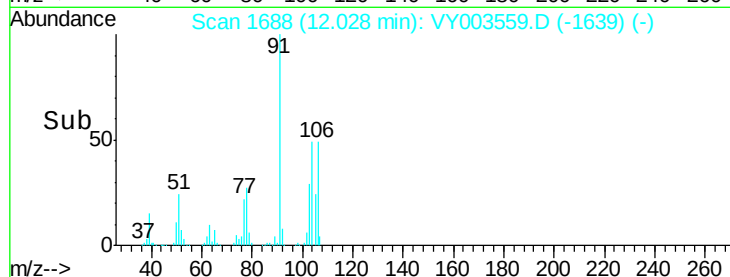
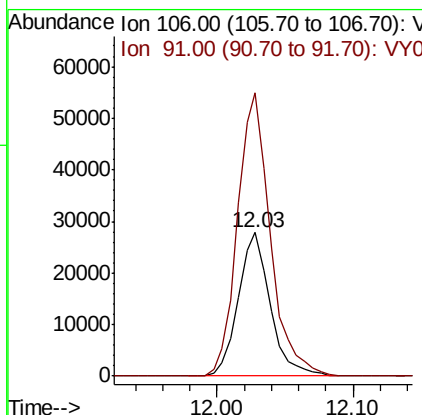
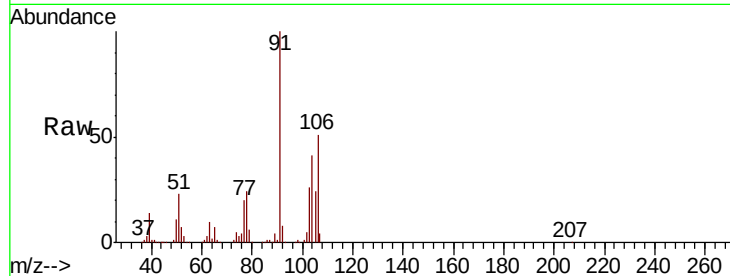




#69  
o-Xylene  
Concen: 20.475 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

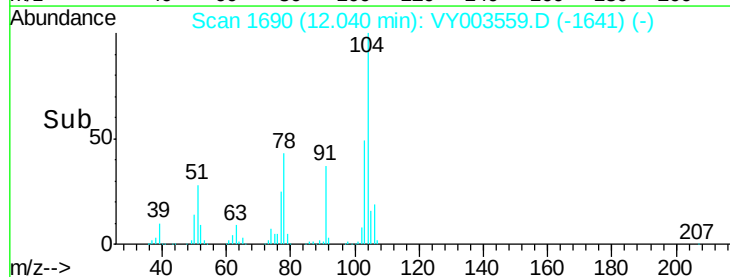
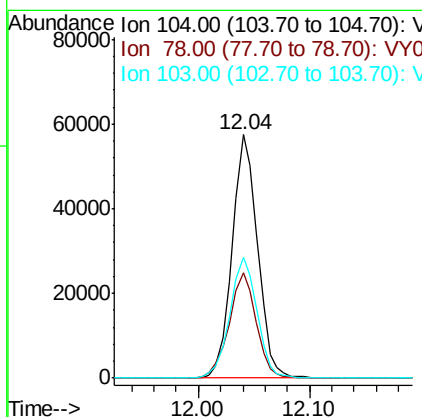
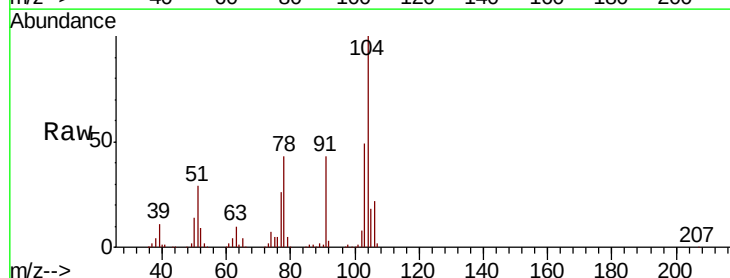
Instrument :  
MSVOA\_Y  
ClientSampled :

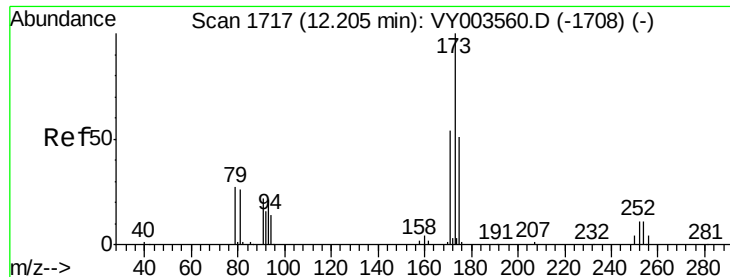
Tot Ion:106 Resp: 45632  
Ion Ratio Lower Upper  
106 100  
91 202.8 103.1 309.1



#70  
Styrene  
Concen: 20.238 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion:104 Resp: 90907  
Ion Ratio Lower Upper  
104 100  
78 46.0 36.6 54.8  
103 53.1 43.6 65.4

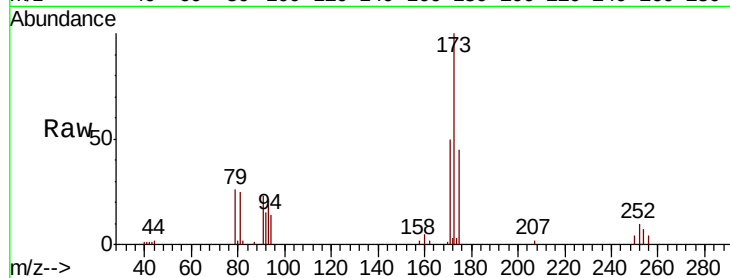




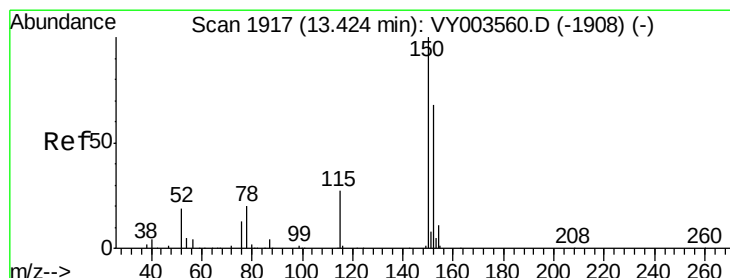
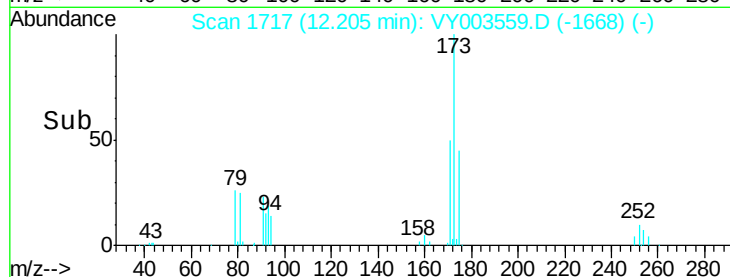
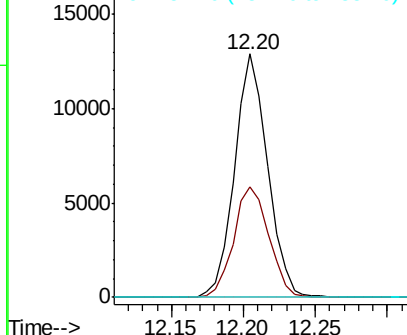
#71  
Bromoform  
Concen: 19.907 ug/l  
RT: 12.20 min Scan# 1717  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:173 Resp: 20483  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.6 73.6  
254 0.0 0.1 0.1#

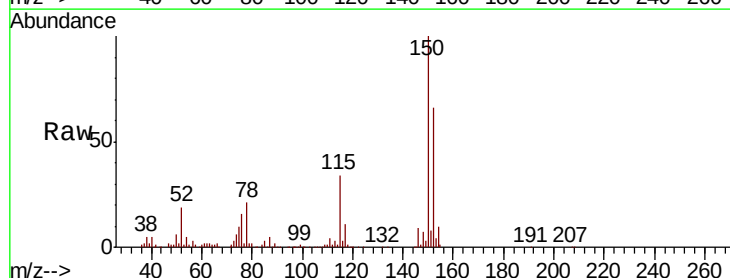


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

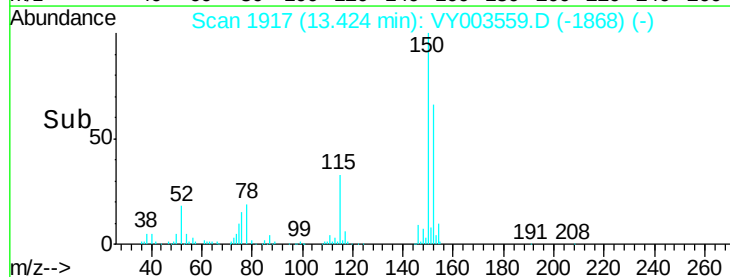
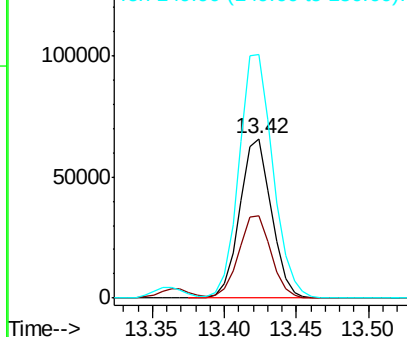


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.42 min Scan# 1917  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

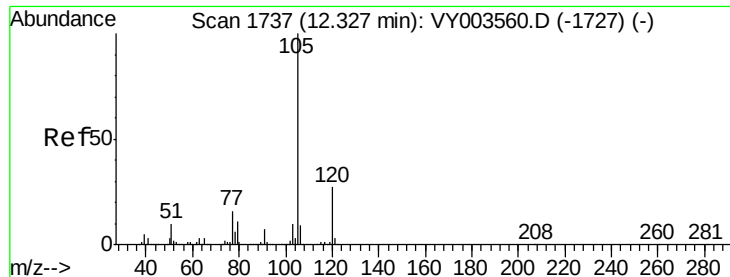
Tgt Ion:152 Resp: 100079  
Ion Ratio Lower Upper  
152 100  
115 52.8 27.4 82.0  
150 164.2 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 19.717 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

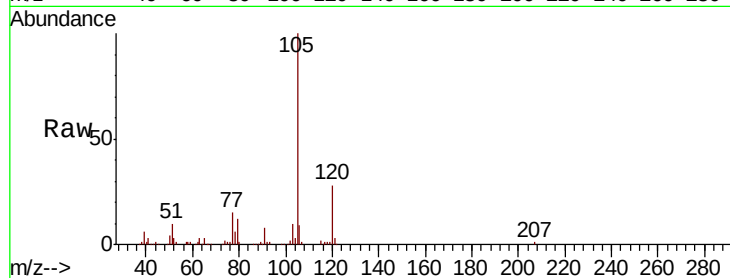
ClientSampleId :

Tot Ion:105 Resp: 98290

Ion Ratio Lower Upper

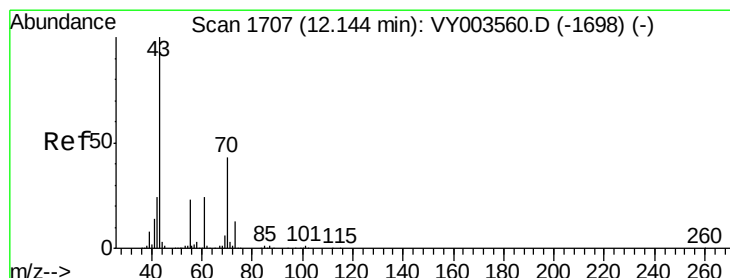
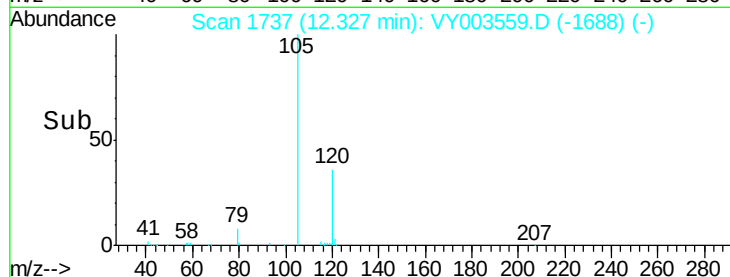
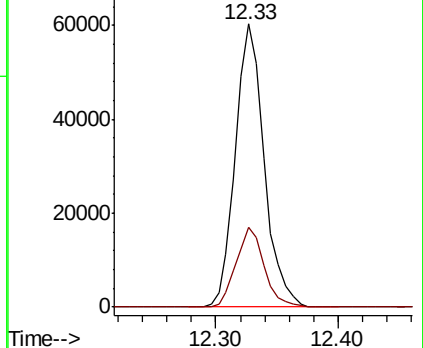
105 100

120 27.4 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.738 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Tgt Ion: 43 Resp: 38968

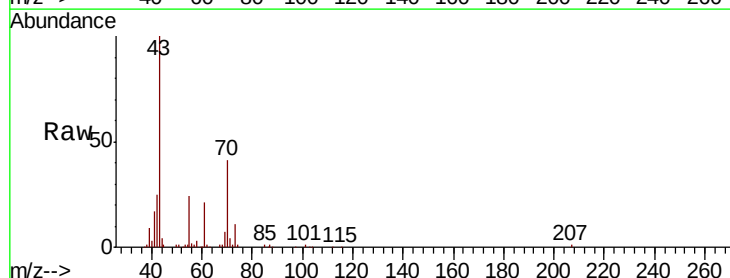
Ion Ratio Lower Upper

43 100

70 41.5 32.2 48.4

55 24.9 18.6 28.0

61 22.6 18.6 28.0

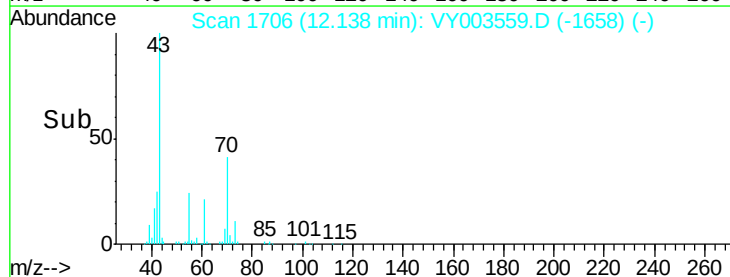
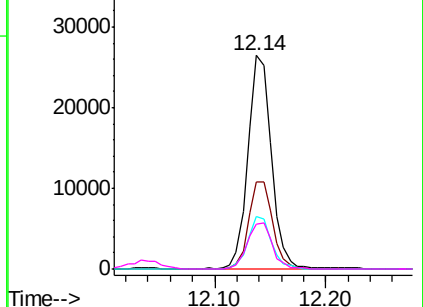


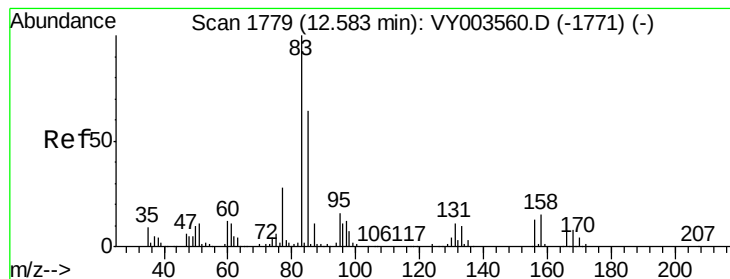
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.480 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampleId :

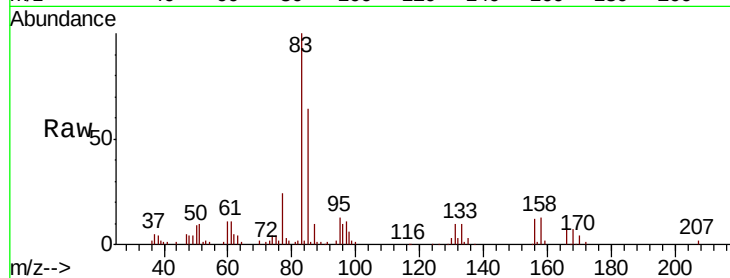
Tot Ion: 83 Resp: 28410

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

85 62.7 32.5 97.4



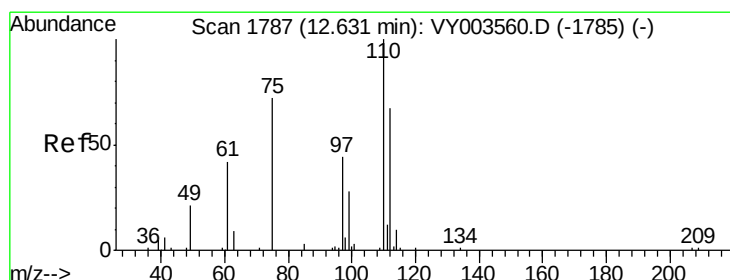
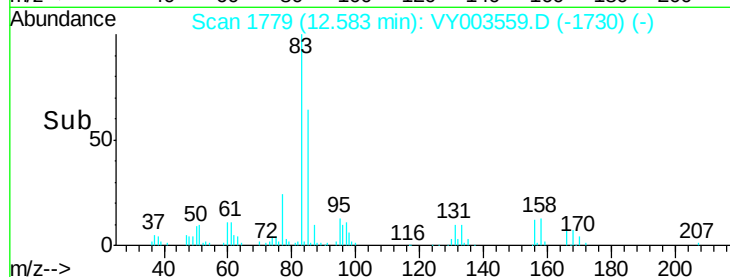
Abundance Ion 82.90 (82.60 to 83.60): VY003559.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003559.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003559.D (-1730) (-)

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 37.962 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003559.D

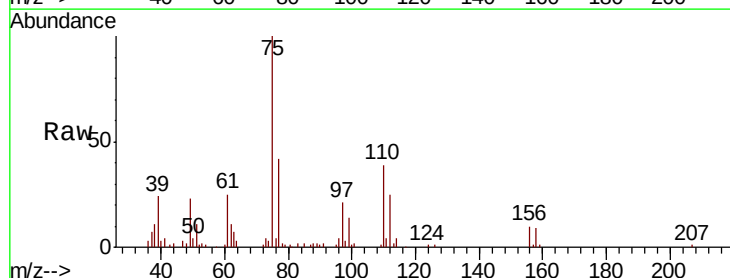
Acq: 20 Nov 2020 10:57

Tgt Ion: 75 Resp: 38735

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

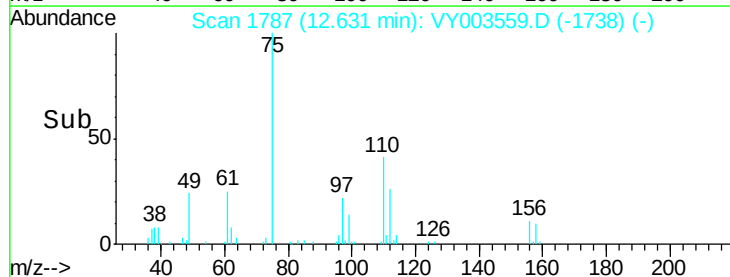


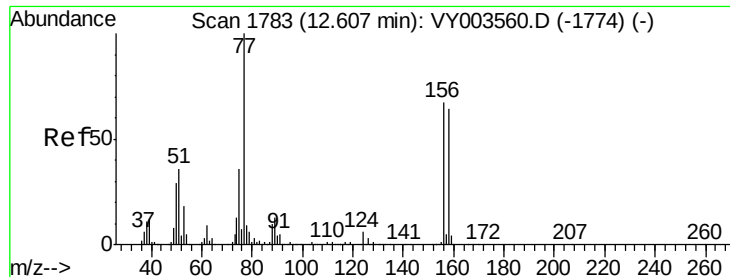
Abundance Ion 74.90 (74.60 to 75.60): VY003559.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003559.D (-1738) (-)

12.63

Time-->





#77

Bromobenzene

Concen: 20.514 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

ClientSampleId :

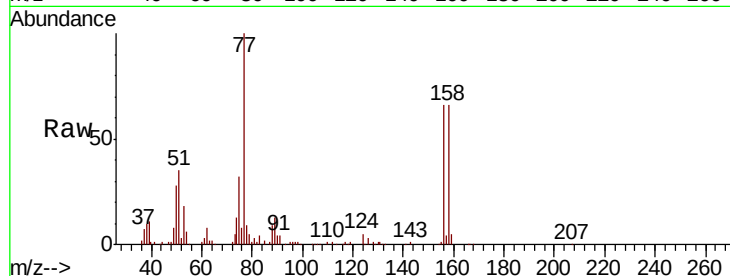
Tot Ion:156 Resp: 37625

Ion Ratio Lower Upper

156 100

77 168.5 85.7 257.1

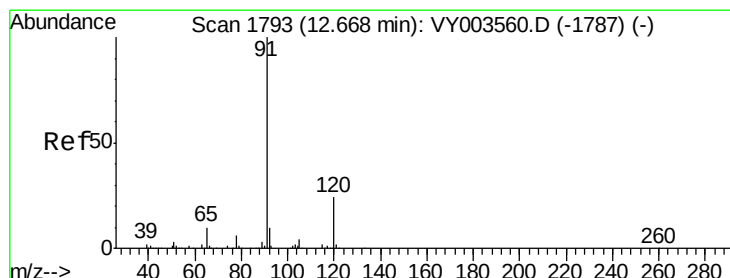
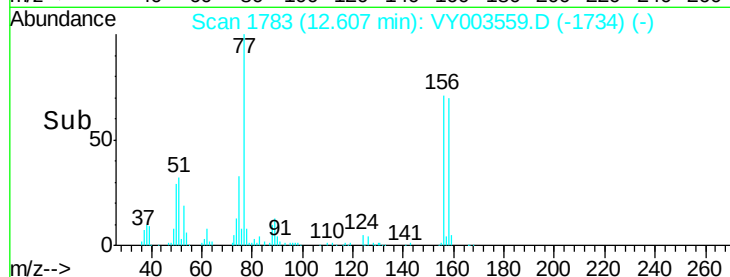
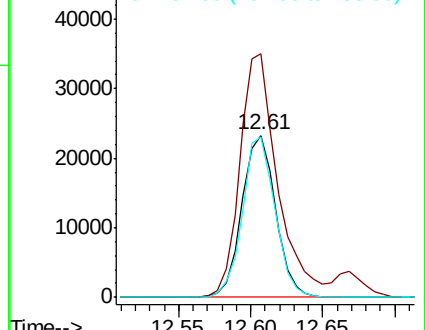
158 96.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.182 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003559.D

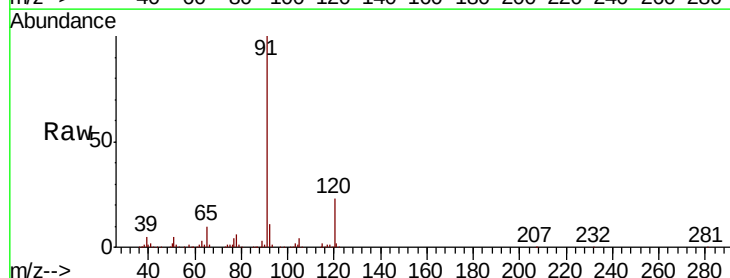
Acq: 20 Nov 2020 10:57

Tgt Ion: 91 Resp: 141344

Ion Ratio Lower Upper

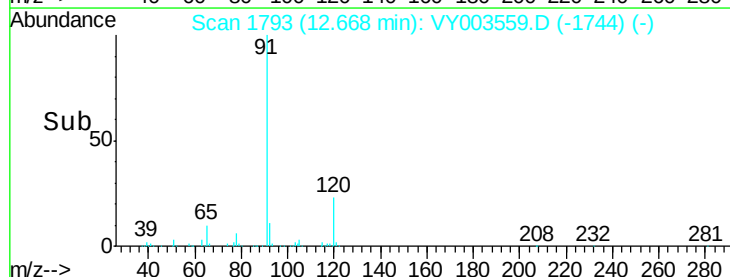
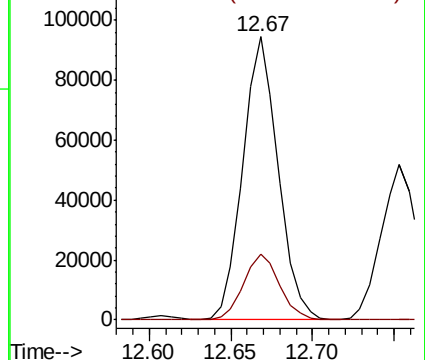
91 100

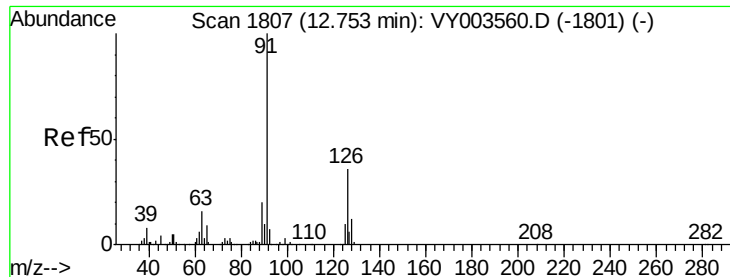
120 23.9 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.132 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

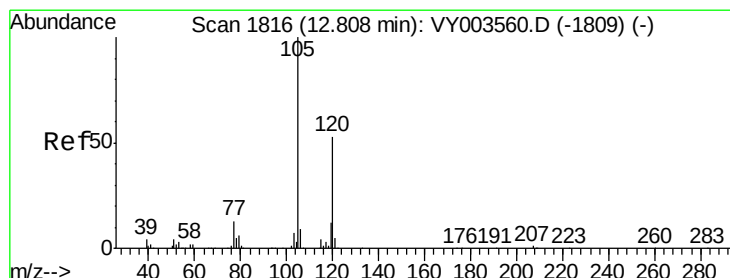
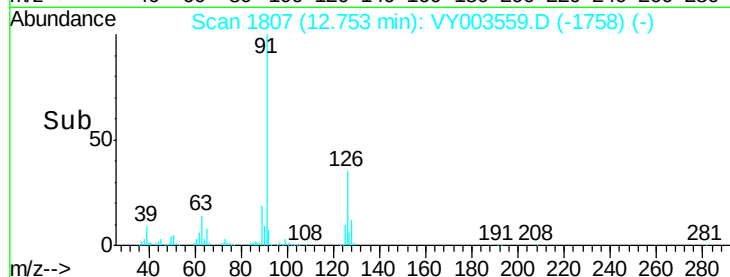
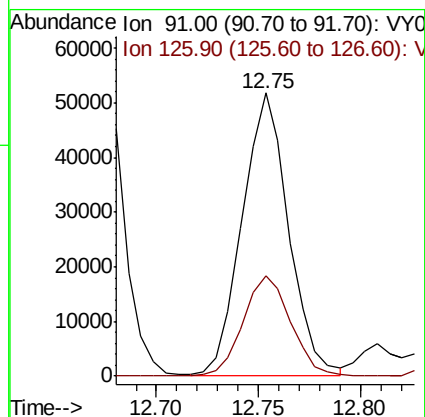
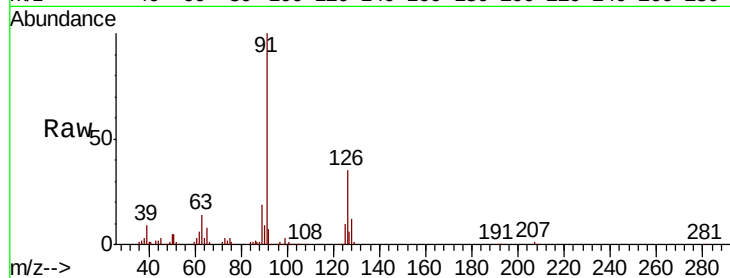
ClientSampled :

Tot Ion: 91 Resp: 81383

Ion Ratio Lower Upper

91 100

126 36.6 18.1 54.3



#80

1,3,5-Trimethylbenzene

Concen: 20.437 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003559.D

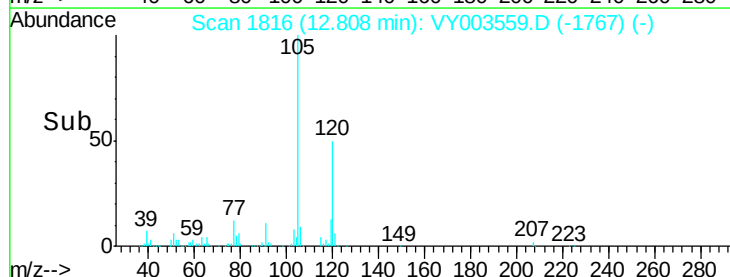
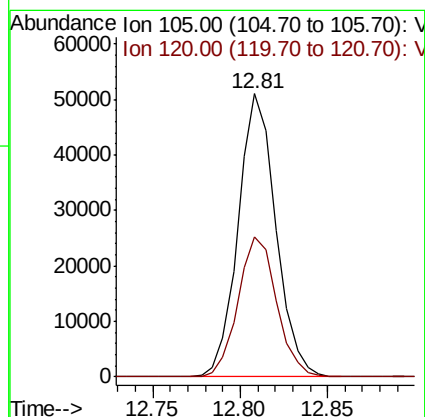
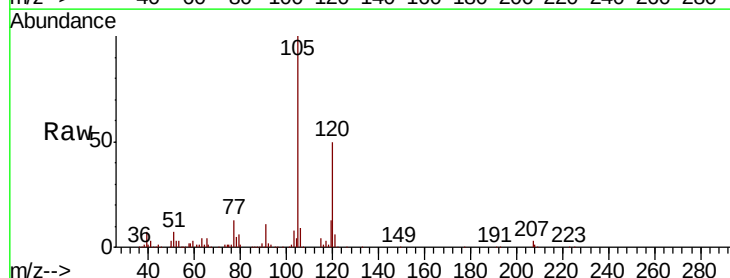
Acq: 20 Nov 2020 10:57

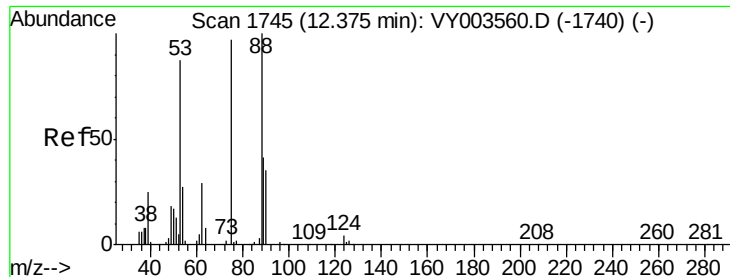
Tgt Ion: 105 Resp: 76573

Ion Ratio Lower Upper

105 100

120 50.5 26.3 78.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.032 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

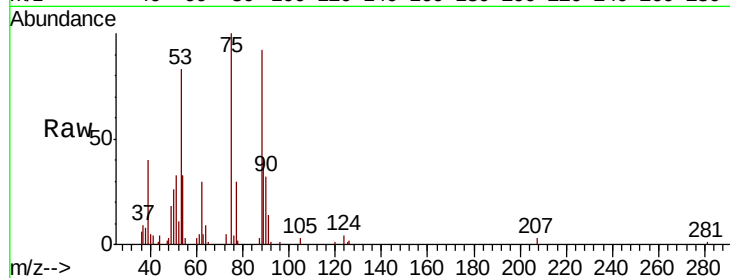
Instrument :

MSVOA\_Y

ClientSampleId :

Tot Ion: 75 Resp: 12226

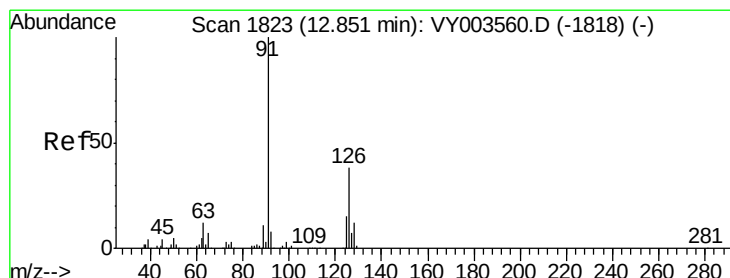
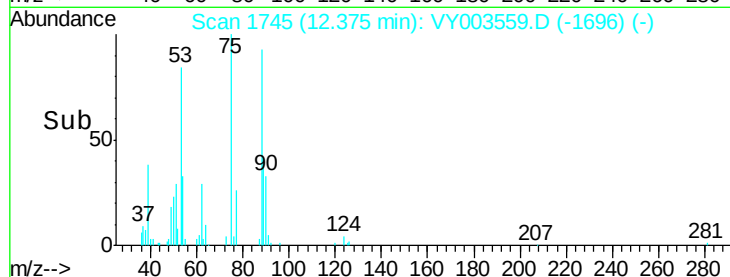
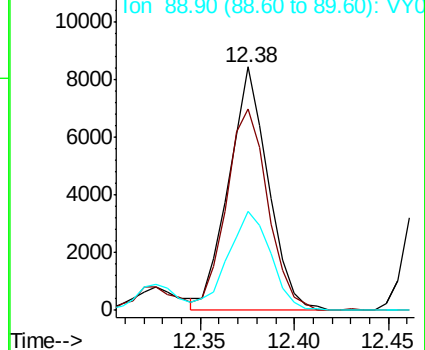
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 87.5  | 71.4  | 107.2 |
| 89  | 44.1  | 34.7  | 52.1  |



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: 20.205 ug/l

RT: 12.85 min Scan# 1823

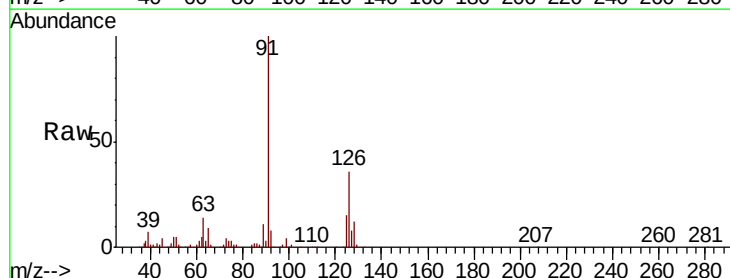
Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

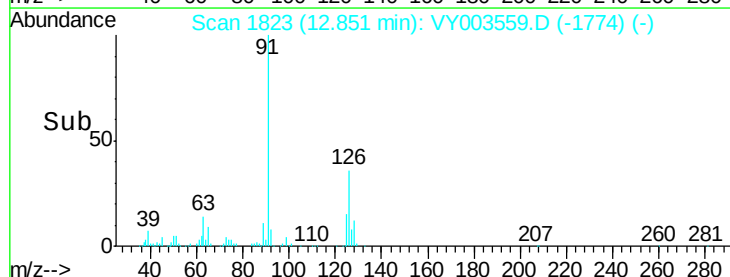
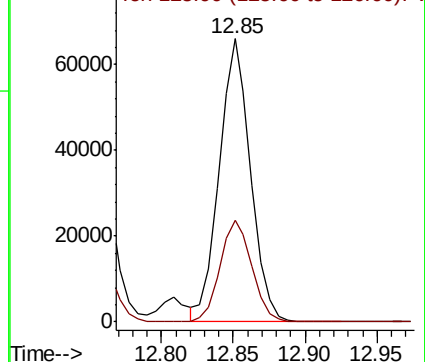
Tgt Ion: 91 Resp: 100072

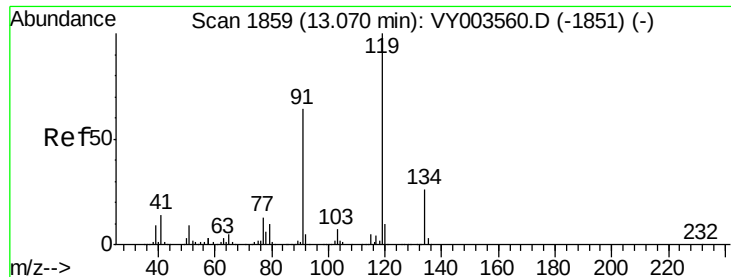
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 36.8  | 18.1  | 54.3  |



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

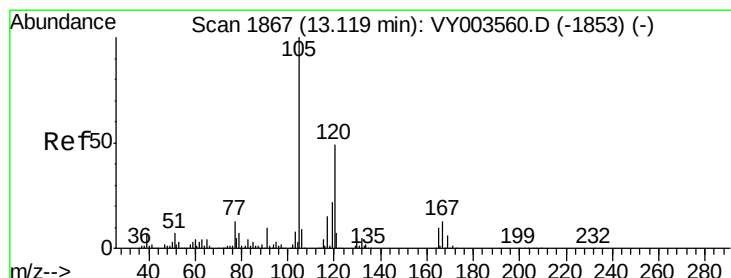
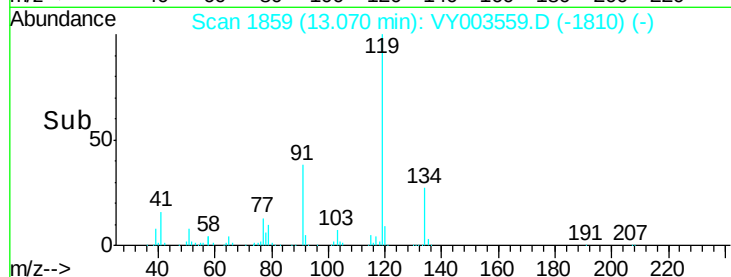
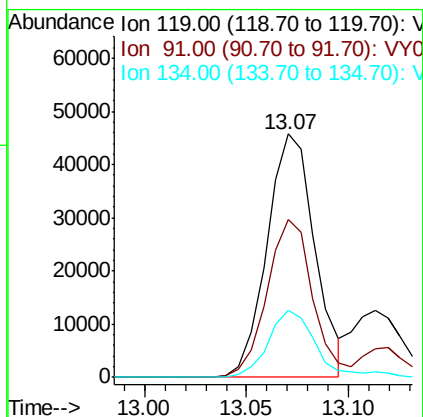
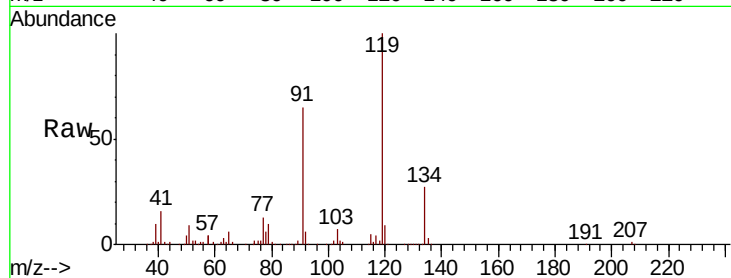




#83  
 tert-Butylbenzene  
 Concen: 19.734 ug/l  
 RT: 13.07 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

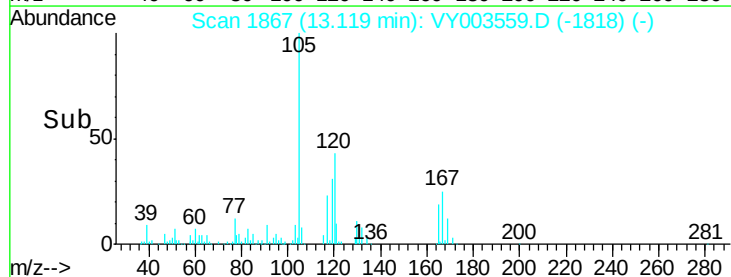
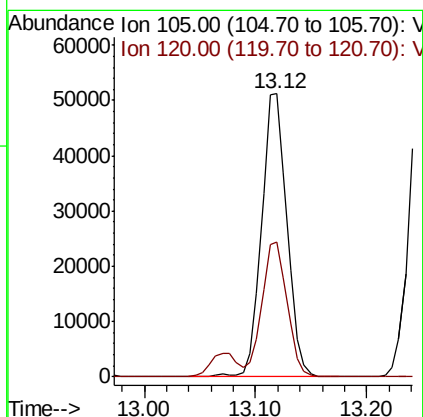
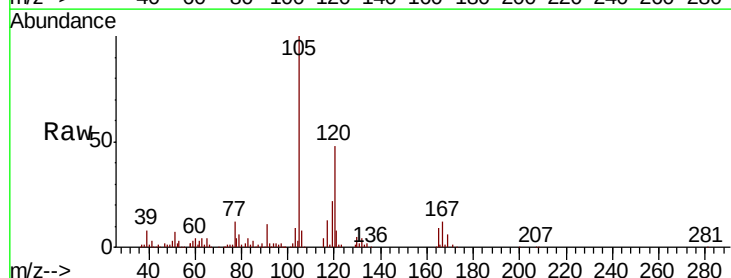
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

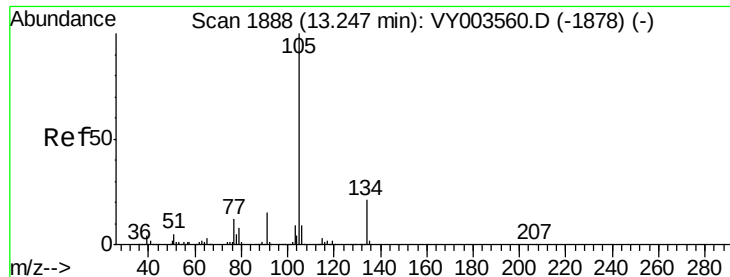
Tot Ion:119 Resp: 74842  
 Ion Ratio Lower Upper  
 119 100  
 91 62.2 31.8 95.3  
 134 27.8 14.1 42.2



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.473 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

Tgt Ion:105 Resp: 81676  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 23.8 71.4





#85

sec-Butylbenzene

Concen: 20.390 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

Instrument :

MSVOA\_Y

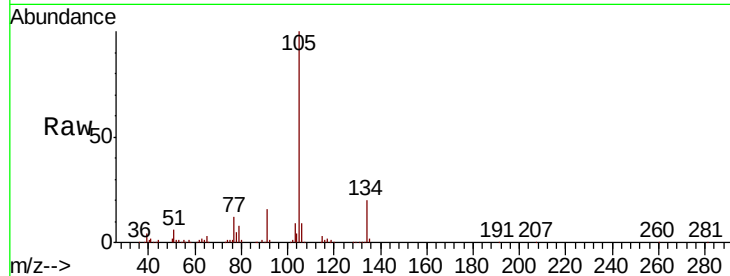
ClientSampled :

Tot Ion:105 Resp: 87531

Ion Ratio Lower Upper

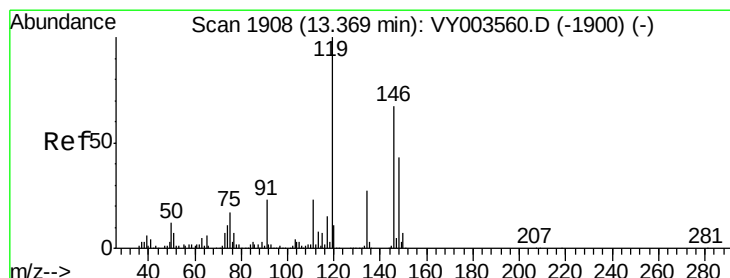
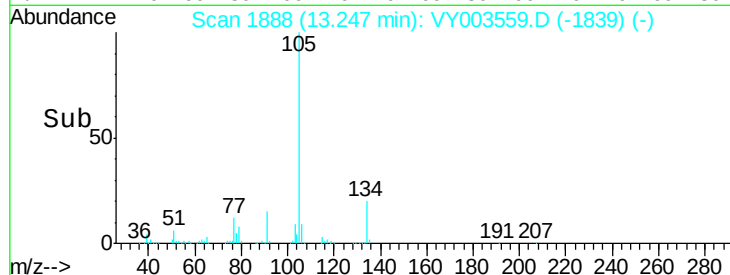
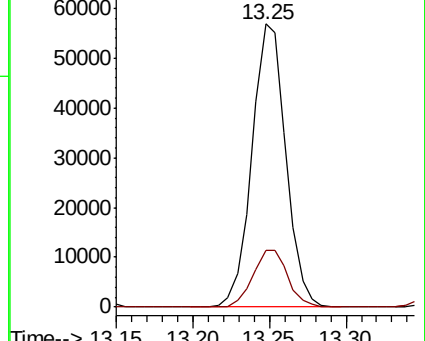
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.481 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003559.D

Acq: 20 Nov 2020 10:57

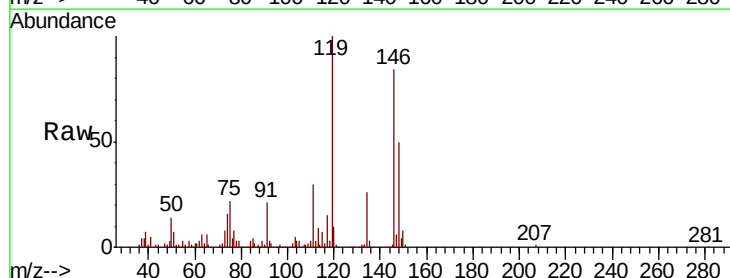
Tgt Ion:119 Resp: 78889

Ion Ratio Lower Upper

119 100

134 27.1 13.8 41.4

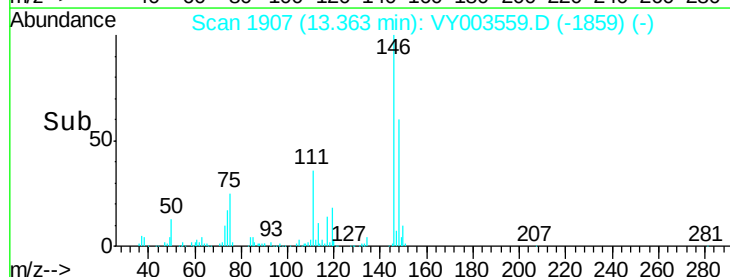
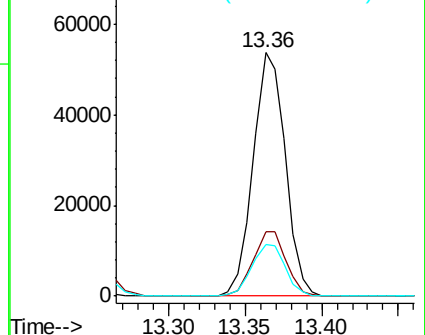
91 22.2 11.4 34.2

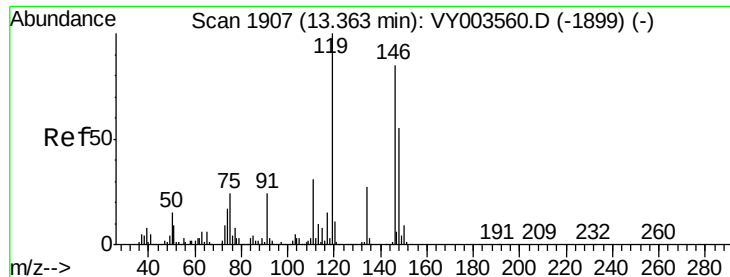


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

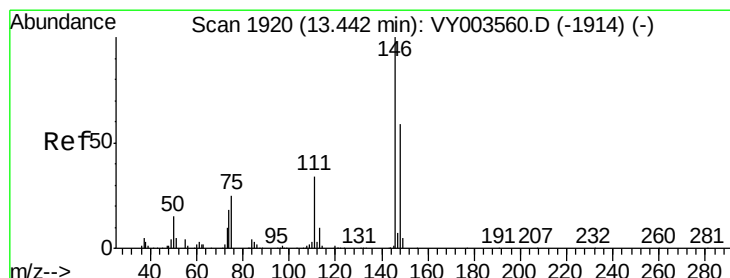
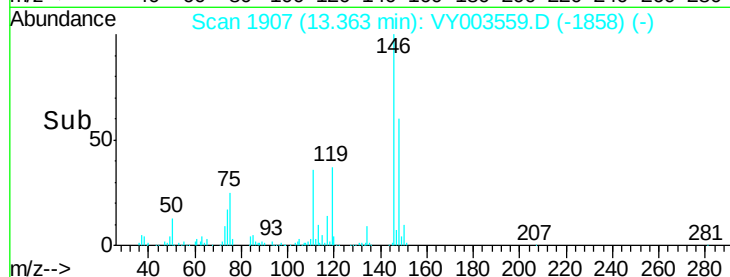
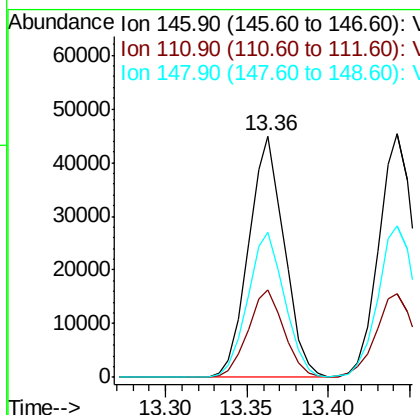
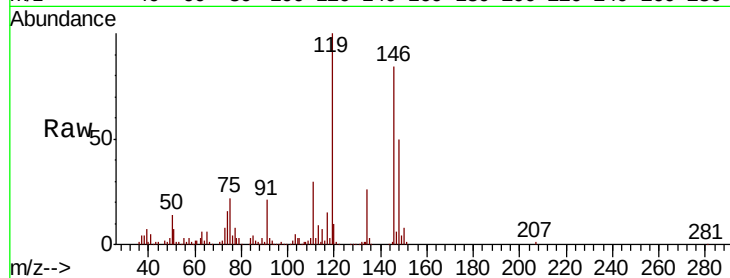




#87  
 1,3-Dichlorobenzene  
 Concen: 20.415 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

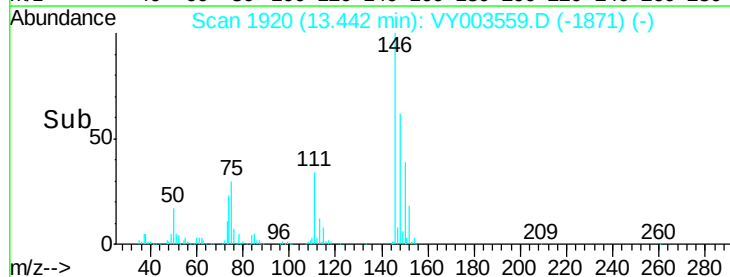
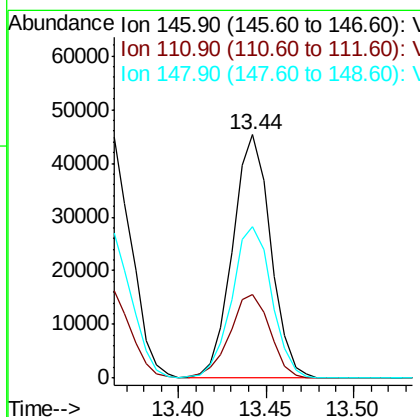
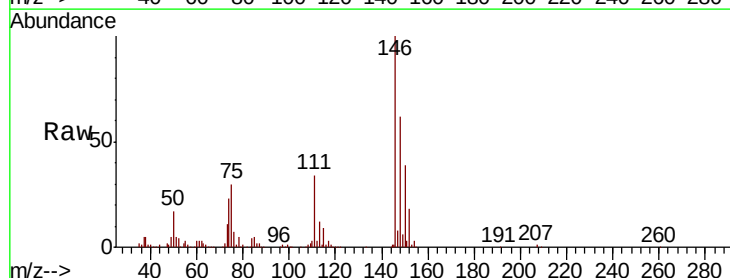
Instrument :  
 MSVOA\_Y  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.7  | 18.3  | 54.9  |
| 148     | 62.1  | 31.9  | 95.7  |

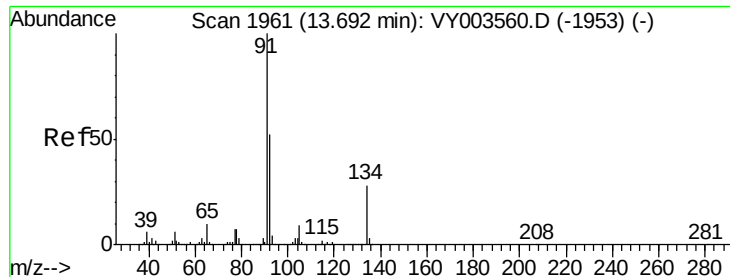


#88  
 1,4-Dichlorobenzene  
 Concen: 20.058 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.7  | 17.8  | 53.4  |
| 148     | 65.3  | 31.1  | 93.2  |



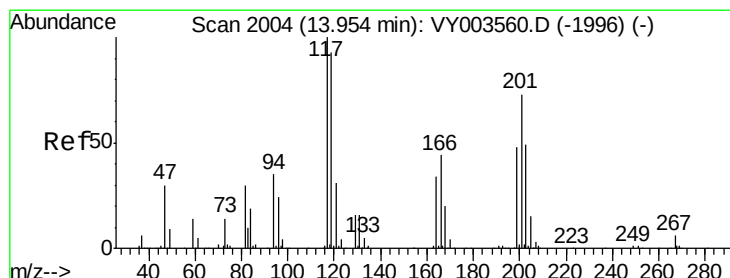
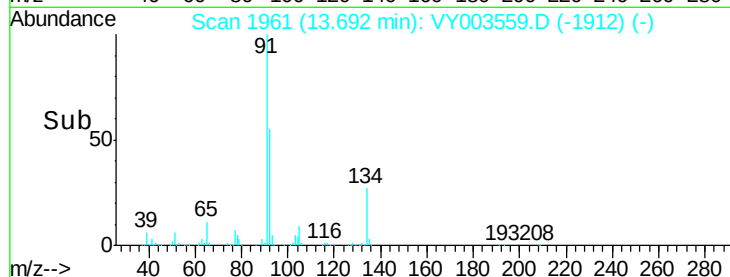
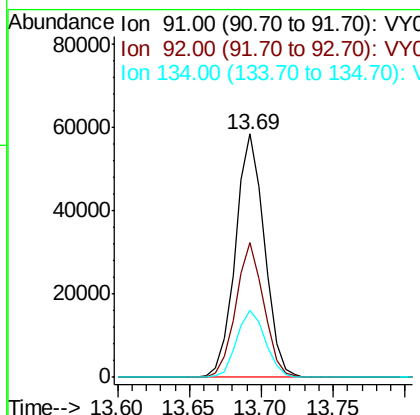
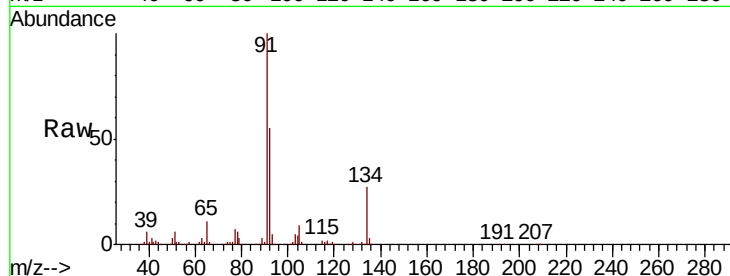




#89  
n-Butylbenzene  
Concen: 19.813 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

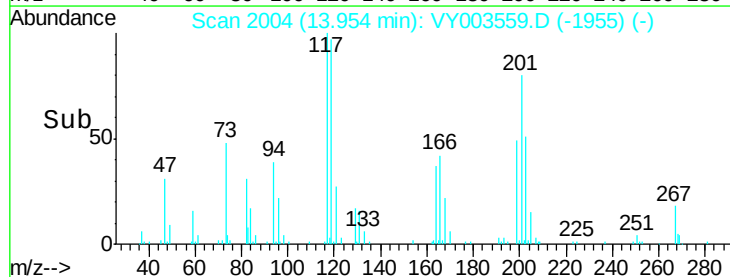
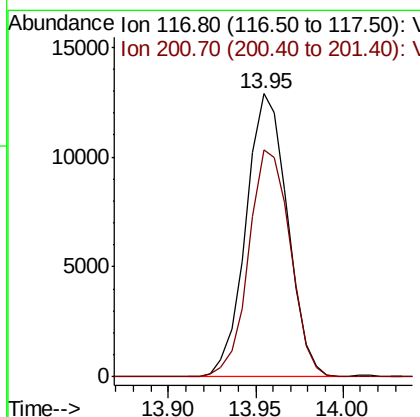
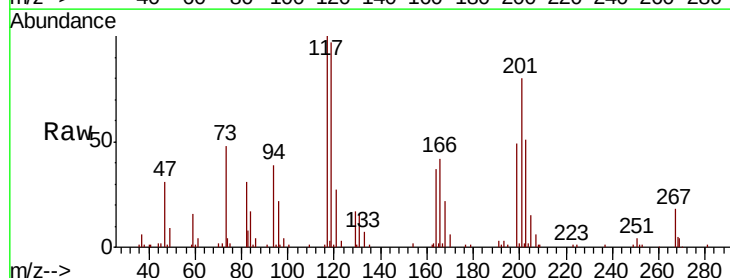
Instrument :  
MSVOA\_Y  
ClientSampleId :

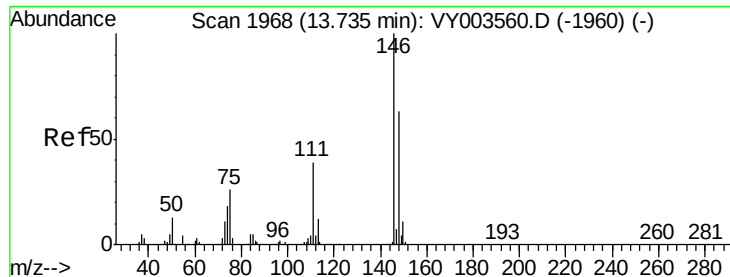
| Tot Ion   | 91    | Resp  | 81660 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 53.4  | 26.4  | 79.0  |
| 134       | 27.7  | 13.9  | 41.7  |



#90  
Hexachloroethane  
Concen: 20.850 ug/l  
RT: 13.95 min Scan# 2004  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

| Tgt Ion   | 117   | Resp  | 21236 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 80.1  | 41.3  | 123.9 |

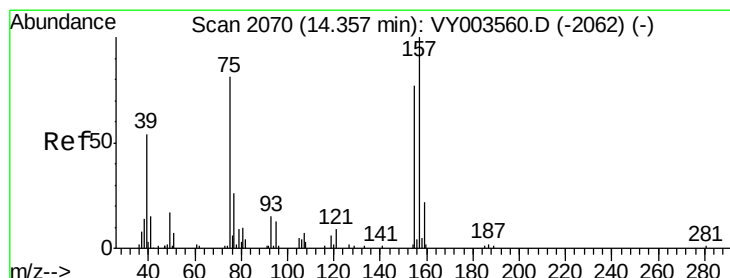
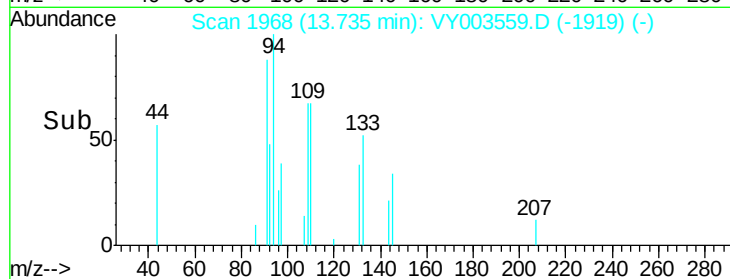
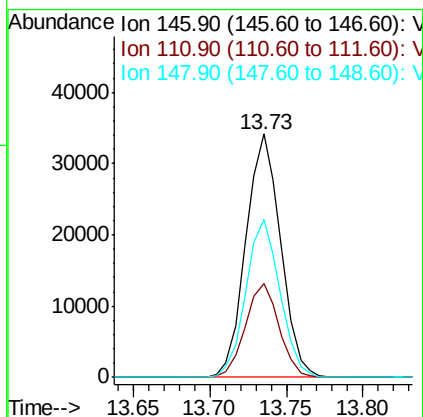
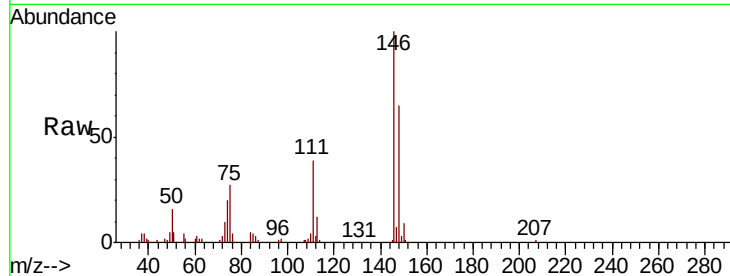




#91  
 1,2-Dichlorobenzene  
 Concen: 20.249 ug/l  
 RT: 13.73 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

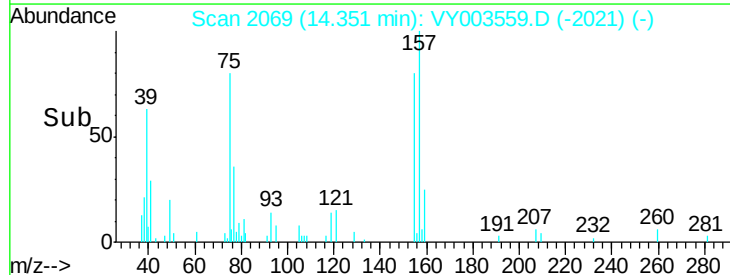
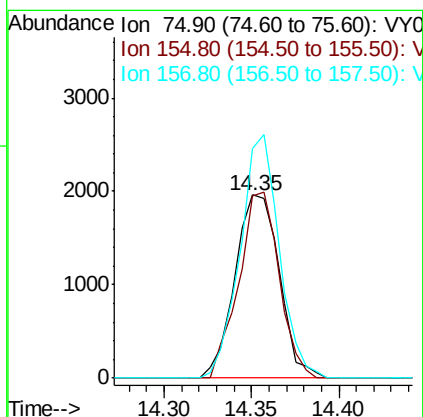
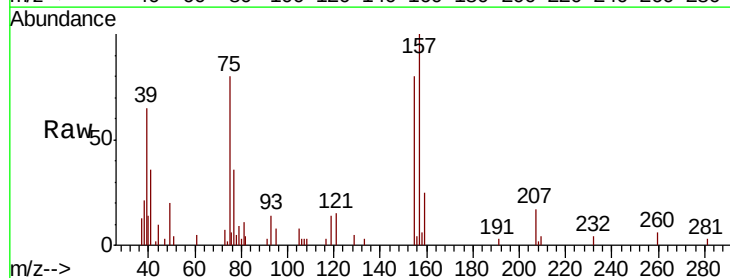
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

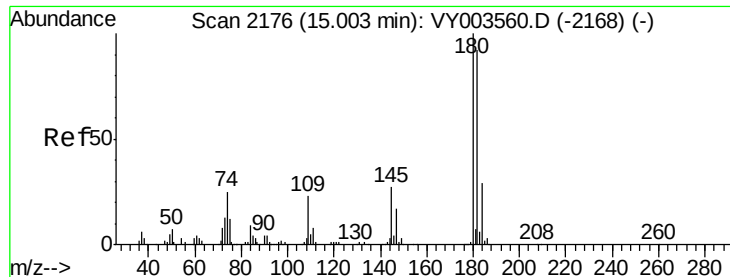
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 18.9  | 56.5  |
| 148     | 63.9  | 31.9  | 95.7  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.183 ug/l  
 RT: 14.35 min Scan# 2069  
 Delta R.T. -0.01 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 91.9  | 45.4  | 136.2 |
| 157     | 116.8 | 59.7  | 179.1 |

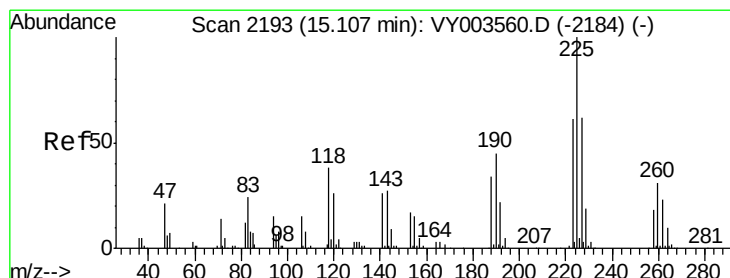
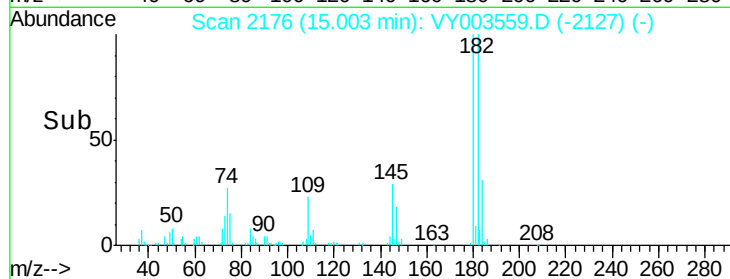
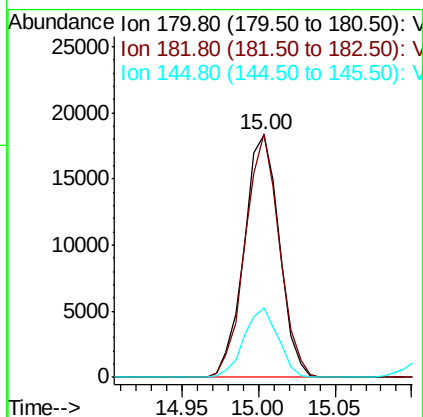
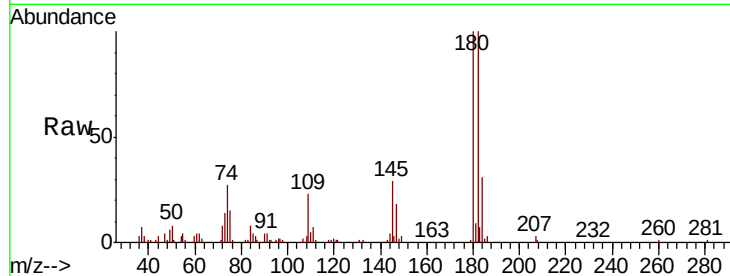




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.646 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

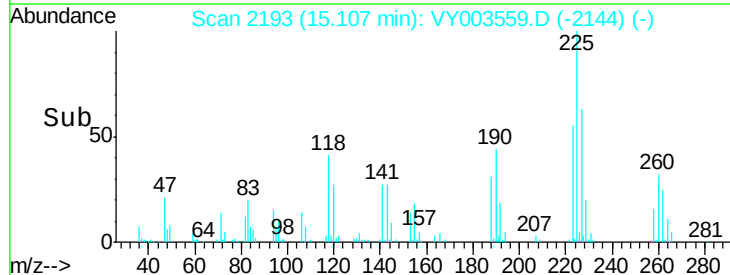
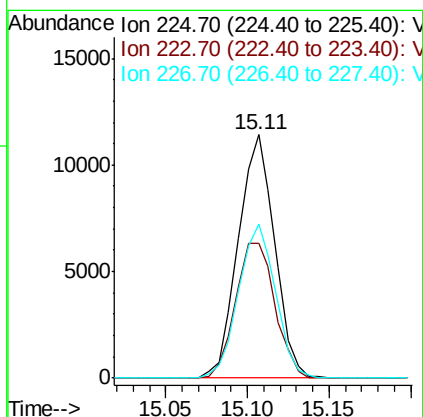
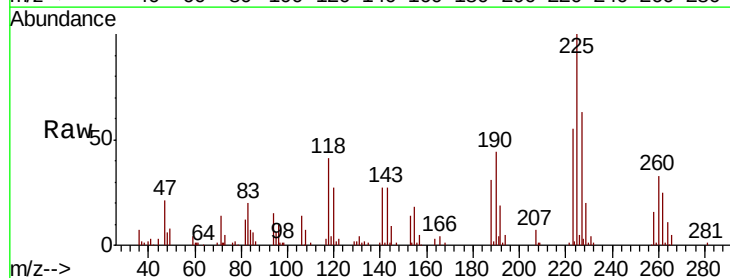
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

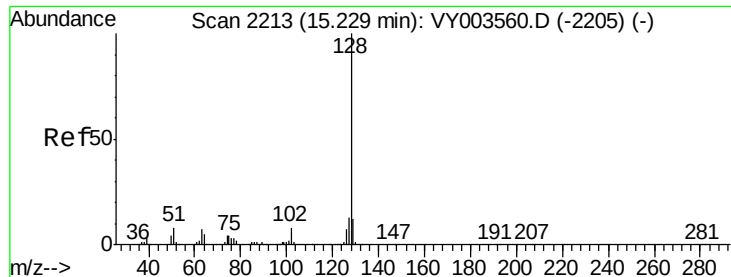
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.3  | 47.4  | 142.3 |
| 145     | 27.8  | 14.1  | 42.4  |



#94  
 Hexachlorobutadiene  
 Concen: 20.825 ug/l  
 RT: 15.11 min Scan# 2193  
 Delta R.T. 0.00 min  
 Lab File: VY003559.D  
 Acq: 20 Nov 2020 10:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.3  | 32.0  | 96.0  |
| 227     | 64.5  | 31.6  | 94.7  |

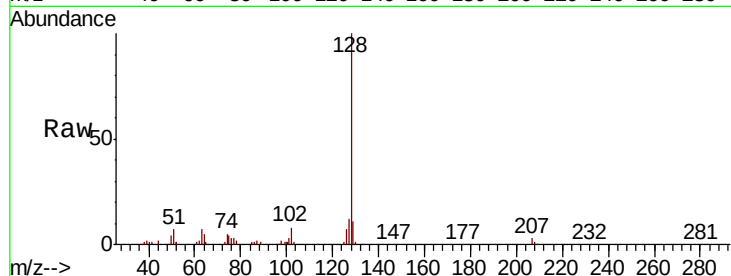




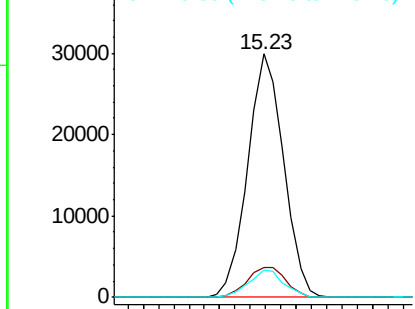
#95  
Naphthalene  
Concen: 19.185 ug/l  
RT: 15.23 min Scan# 2213  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Instrument :  
MSVOA\_Y  
ClientSampleId :

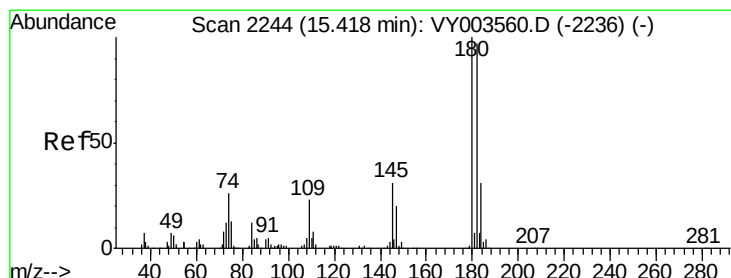
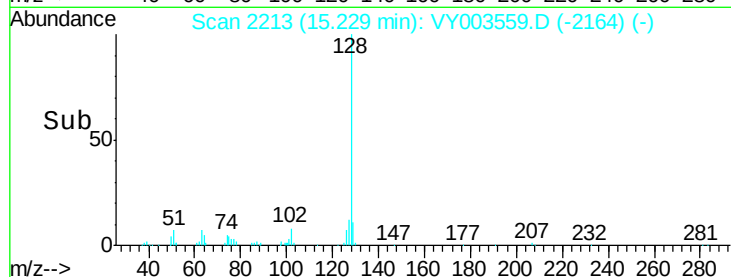
Tot Ion:128 Resp: 48928  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.3 15.5  
129 11.1 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V

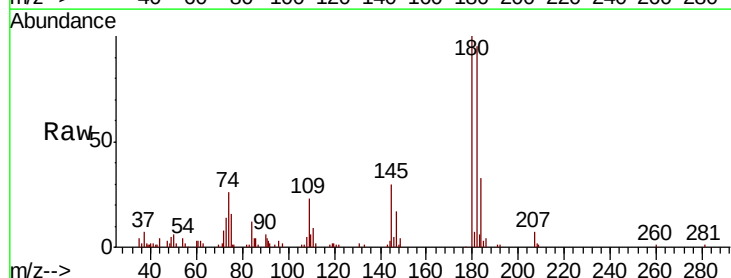


Time--> 15.15 15.20 15.25 15.30

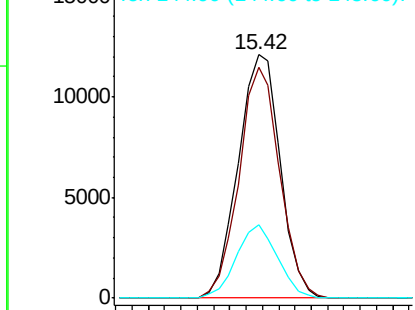


#96  
1,2,3-Trichlorobenzene  
Concen: 19.731 ug/l  
RT: 15.42 min Scan# 2244  
Delta R.T. 0.00 min  
Lab File: VY003559.D  
Acq: 20 Nov 2020 10:57

Tgt Ion:180 Resp: 21677  
Ion Ratio Lower Upper  
180 100  
182 91.6 47.4 142.2  
145 29.2 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V



Time--> 15.35 15.40 15.45

