

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_Y\DATA\VY011520\  
 Data File : VY001210.D  
 Acq On : 15 Jan 2020 12:21  
 Operator : SY/MD  
 Sample : L1126-04MS  
 Misc : 6.04G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

Quant Time: Jan 16 04:48:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 173521   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 308387   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 256172   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 101140   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 8.15   | 65  | 90746    | 49.52 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.04% |      |
| 35) Dibromofluoromethane    | 7.72   | 113 | 84744    | 46.93 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.86% |      |
| 50) Toluene-d8              | 10.18  | 98  | 337231   | 48.47 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.94% |      |
| 62) 4-Bromofluorobenzene    | 12.48  | 95  | 113513   | 39.91 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 79.82% |      |

| Target Compounds              |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 63709  | 47.807  | ug/l | 98     |
| 3) Chloromethane              | 2.12 | 50  | 94150  | 49.014  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.26 | 62  | 99301  | 51.314  | ug/l | 98     |
| 5) Bromomethane               | 2.65 | 94  | 67200  | 64.648  | ug/l | 97     |
| 6) Chloroethane               | 2.80 | 64  | 62993  | 56.345  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 123367 | 45.799  | ug/l | 98     |
| 8) Diethyl Ether              | 3.54 | 74  | 53457  | 51.073  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 77011  | 44.416  | ug/l | 99     |
| 10) Methyl Iodide             | 4.10 | 142 | 114747 | 48.350  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.96 | 59  | 46404  | 251.658 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 83283  | 46.949  | ug/l | 97     |
| 13) Acrolein                  | 3.74 | 56  | 42692  | 257.181 | ug/l | 99     |
| 14) Allyl chloride            | 4.49 | 41  | 136144 | 45.474  | ug/l | 99     |
| 15) Acrylonitrile             | 5.18 | 53  | 133743 | 255.495 | ug/l | 99     |
| 16) Acetone                   | 3.96 | 43  | 132922 | 312.298 | ug/l | 95     |
| 17) Carbon Disulfide          | 4.20 | 76  | 262988 | 45.807  | ug/l | 99     |
| 18) Methyl Acetate            | 4.48 | 43  | 68026  | 48.341  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 242978 | 49.519  | ug/l | 99     |
| 20) Methylene Chloride        | 4.72 | 84  | 102855 | 52.086  | ug/l | 100    |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96  | 96975  | 48.213  | ug/l | 97     |
| 22) Diisopropyl ether         | 6.13 | 45  | 305090 | 49.892  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.07 | 43  | 940536 | 240.498 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.03 | 63  | 166632 | 49.775  | ug/l | 99     |
| 25) 2-Butanone                | 7.00 | 43  | 189248 | 285.690 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 145117 | 47.140  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 108620 | 49.284  | ug/l | 100    |
| 28) Bromochloromethane        | 7.35 | 49  | 75587  | 54.985  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.36 | 42  | 115459 | 254.337 | ug/l | 98     |
| 30) Chloroform                | 7.52 | 83  | 161890 | 49.354  | ug/l | 99     |
| 31) Cyclohexane               | 7.79 | 56  | 144865 | 40.870  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 134730 | 46.292  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 124954 | 44.456  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.08 | 43  | 76445  | 46.343  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 113714 | 44.145  | ug/l | 99     |

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 MSVOA\_Y  
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 BW-1-3.0MS

Quant Time: Jan 16 04:48:07 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 137445   | 36.069   | ug/l   | 99       |
| 40) Benzene                    | 8.16  | 78   | 392161   | 47.796   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.35  | 41   | 106481   | 137.419  | ug/l # | 29       |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 108976   | 47.434   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 154653   | 49.029   | ug/l   | 98       |
| 44) Trichloroethene            | 8.94  | 130  | 98942    | 46.279   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 99823    | 49.213   | ug/l   | 97       |
| 46) Dibromomethane             | 9.31  | 93   | 53434    | 48.281   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.50  | 83   | 126713   | 46.980   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 69708    | 47.756   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 14409    | 1069.082 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 389069   | 243.089  | ug/l   | 99       |
| 52) Toluene                    | 10.24 | 92   | 238911   | 45.654   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 138914   | 46.026   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 160787   | 47.251   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 77340    | 47.138   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 118433   | 47.189   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 135643   | 48.157   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 197874   | 224.167  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.83 | 43   | 287488   | 256.297  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 88044    | 46.607   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 73519    | 45.890   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.72 | 164  | 75737    | 45.864   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.52 | 112  | 239235   | 46.737   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 87622    | 49.667   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 430126   | 45.935   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.70 | 106  | 327216   | 92.636   | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 158128   | 46.691   | ug/l   | 98       |
| 70) Styrene                    | 12.04 | 104  | 271786   | 45.738   | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 52049    | 47.840   | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.33 | 105  | 393623   | 51.769   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 142927   | 60.233   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 93361    | 58.361   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 120843   | 111.611  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 90107    | 53.632   | ug/l   | 98       |
| 78) n-propylbenzene            | 12.67 | 91   | 443056   | 48.444   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 264344   | 50.328   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 313390   | 49.399   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 36269    | 56.806   | ug/l # | 99       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 271836   | 48.478   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 256973   | 48.206   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 312202   | 49.555   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 341055   | 44.473   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 299025   | 44.909   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 150948   | 47.507   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 151324   | 46.275   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.69 | 91   | 265432   | 39.580   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 57549    | 44.234   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 140277   | 47.504   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 15167    | 52.560   | ug/l   | 94       |

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Sample : L1126-04MS  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

Quant Time: Jan 16 04:48:07 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 10 16:01:58 2020  
Response via : Initial Calibration

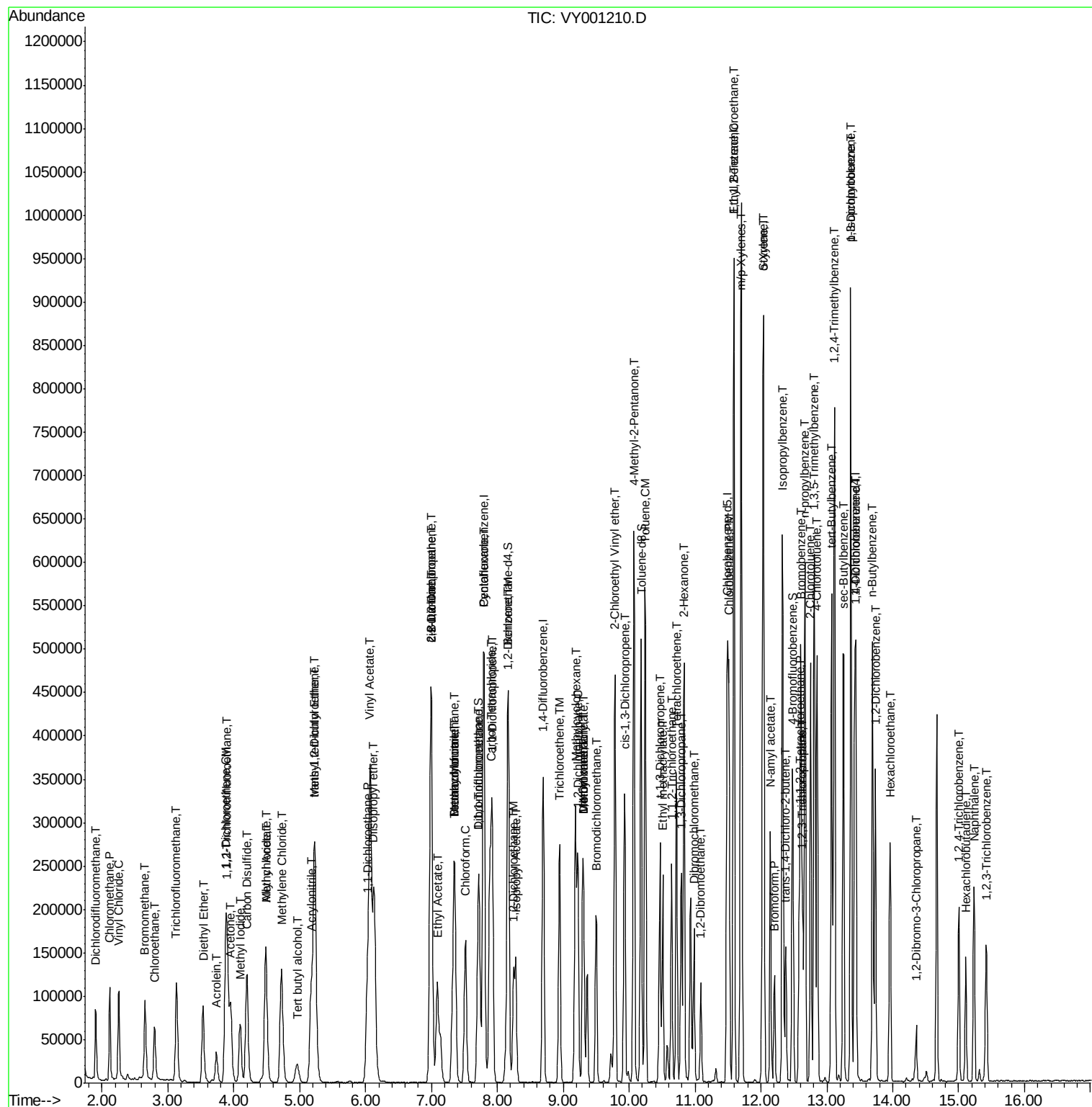
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 60012    | 30.845 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 25507    | 26.023 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 182727   | 40.342 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 51097    | 29.799 | ug/l  | 98       |

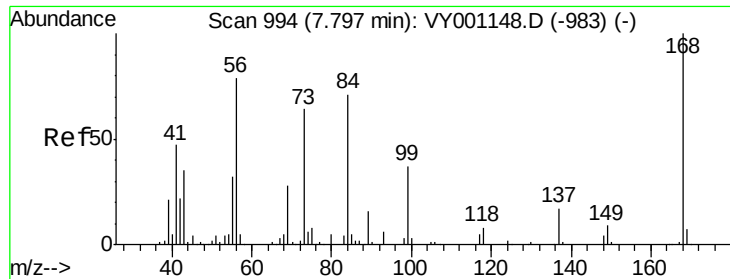
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L1126-04MS  
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MSVOA\_Y  
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BW-1-3.0MS

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QLast Update : Fri Jan 10 16:01:58 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

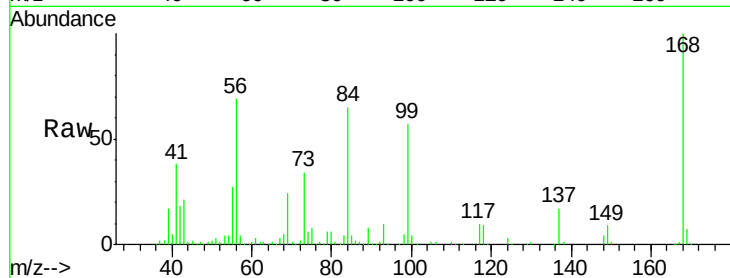
BW-1-3.0MS

Tgt Ion:168 Resp: 173521

Ion Ratio Lower Upper

168 100

99 56.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

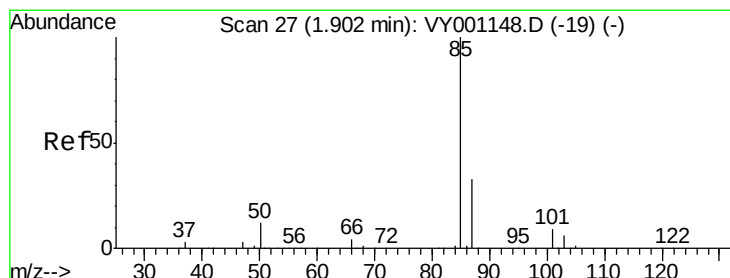
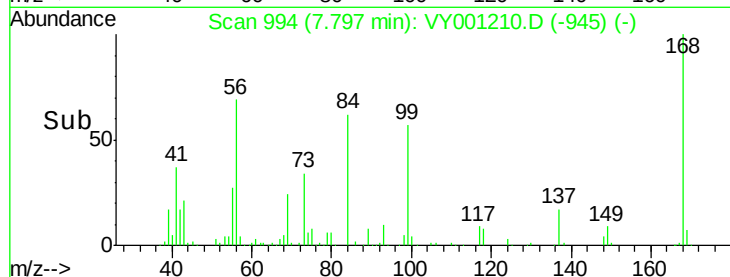
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.807 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001210.D

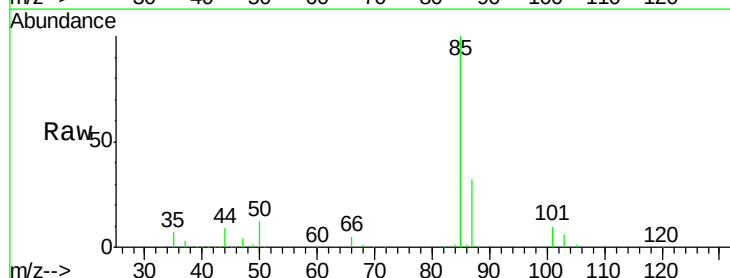
Acq: 15 Jan 2020 12:21

Tgt Ion: 85 Resp: 63709

Ion Ratio Lower Upper

85 100

87 31.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.90

50000

40000

30000

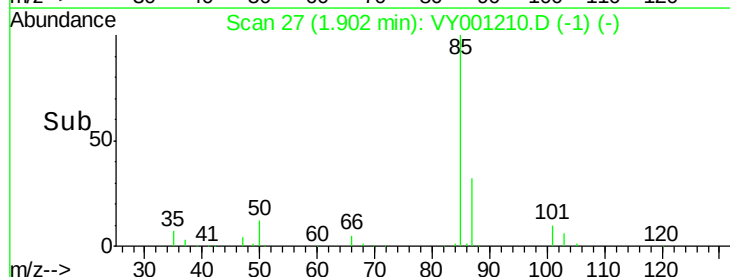
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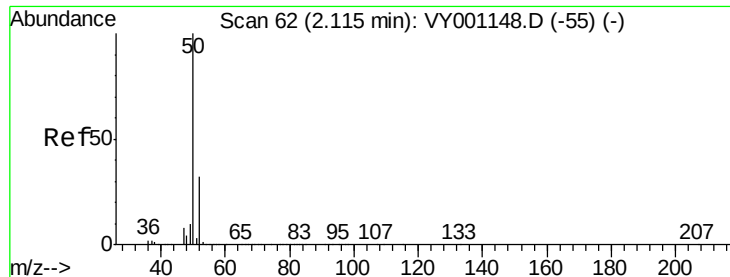
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 49.014 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

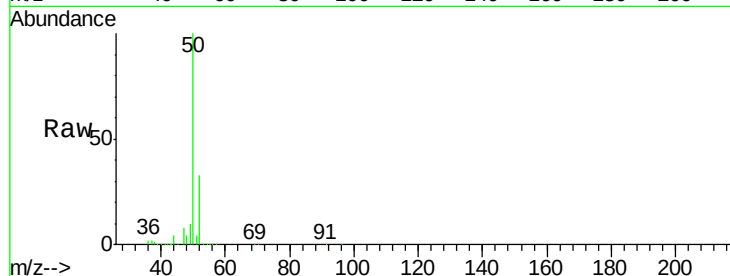
BW-1-3.0MS

Tgt Ion: 50 Resp: 94150

Ion Ratio Lower Upper

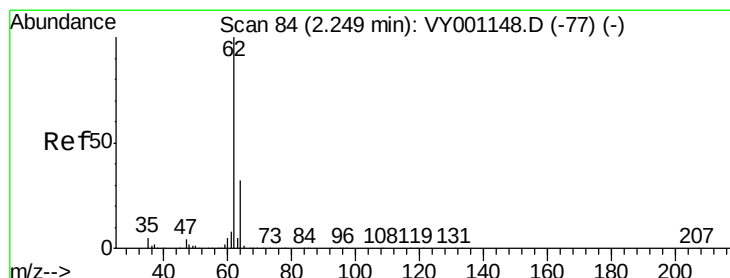
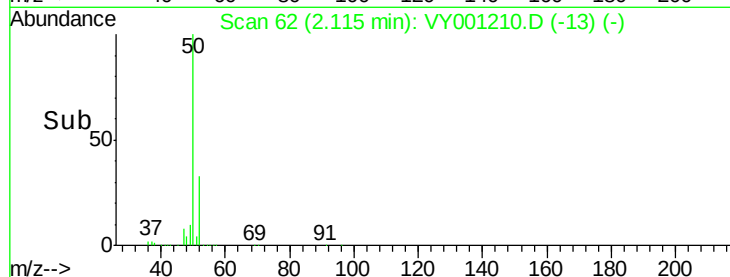
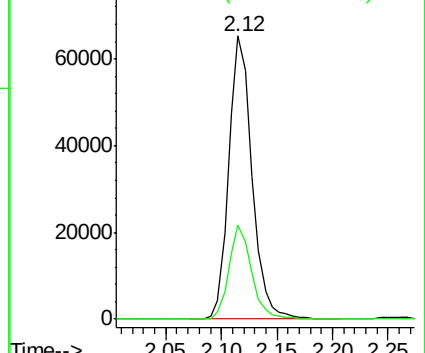
50 100

52 33.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.314 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001210.D

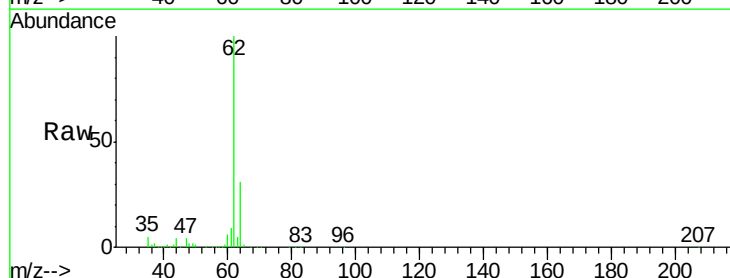
Acq: 15 Jan 2020 12:21

Tgt Ion: 62 Resp: 99301

Ion Ratio Lower Upper

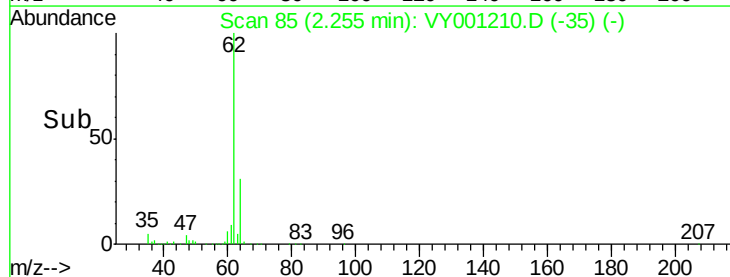
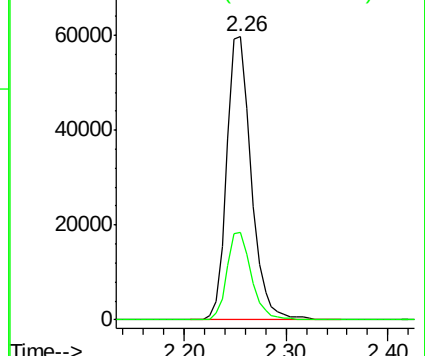
62 100

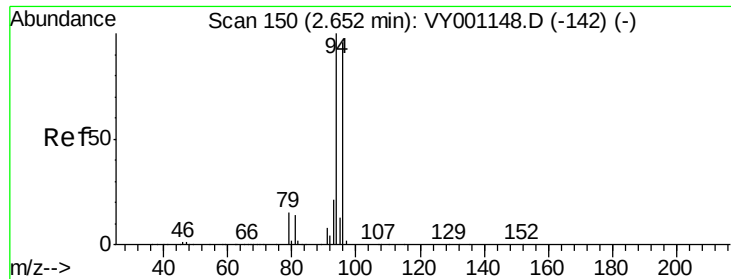
64 31.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 64.648 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

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ClientSampleId :

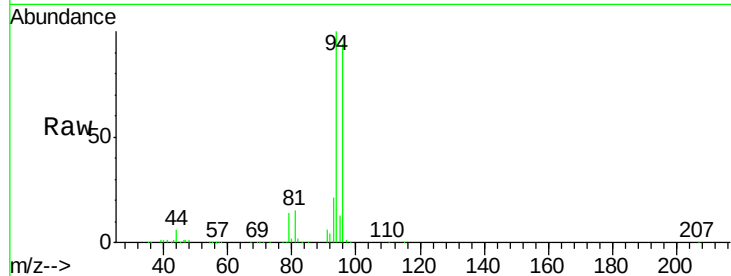
BW-1-3.0MS

Tgt Ion: 94 Resp: 67200

Ion Ratio Lower Upper

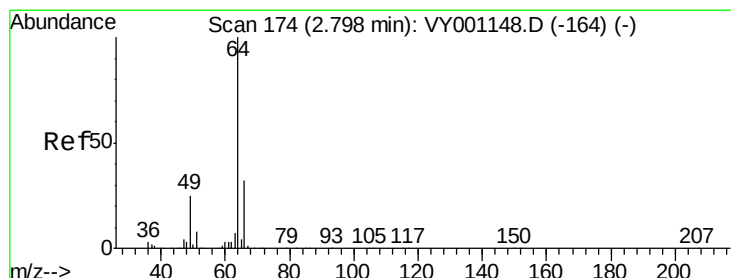
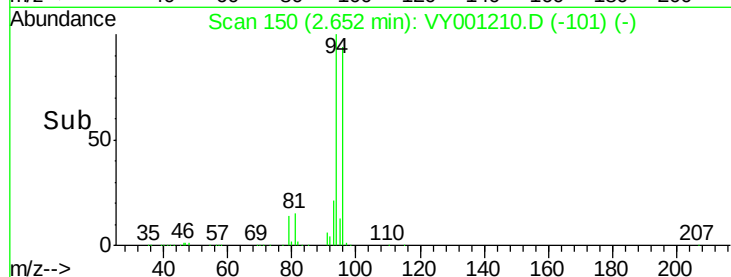
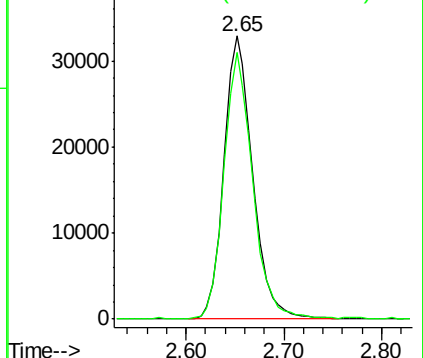
94 100

96 94.1 77.3 115.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 56.345 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY001210.D

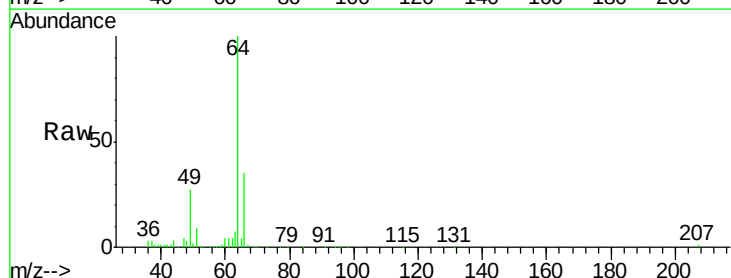
Acq: 15 Jan 2020 12:21

Tgt Ion: 64 Resp: 62993

Ion Ratio Lower Upper

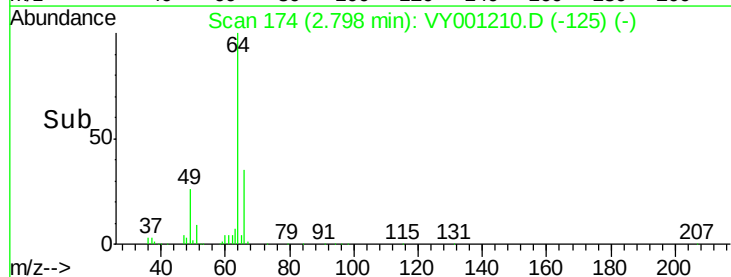
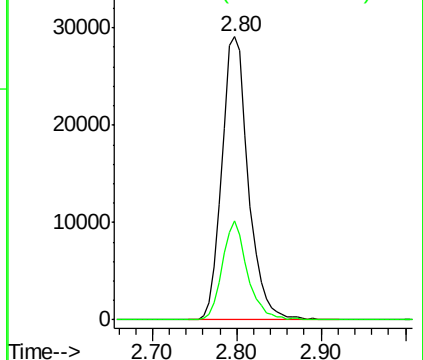
64 100

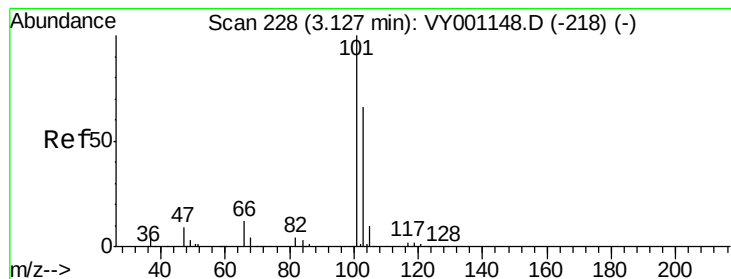
66 34.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



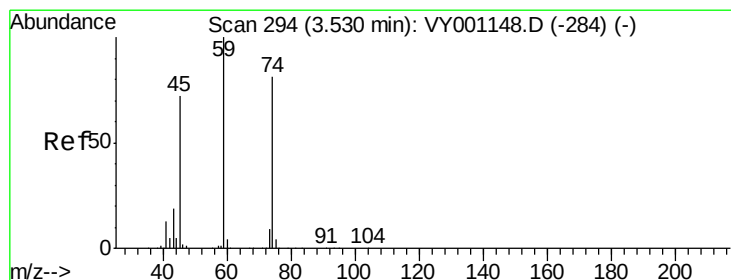
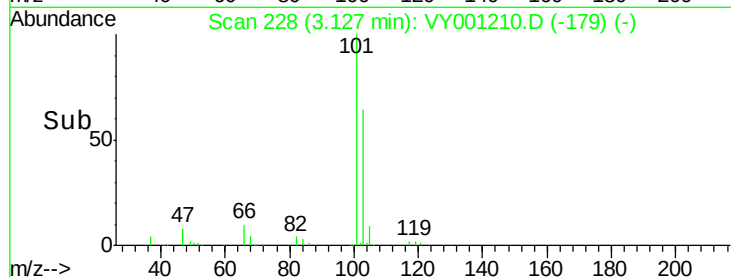
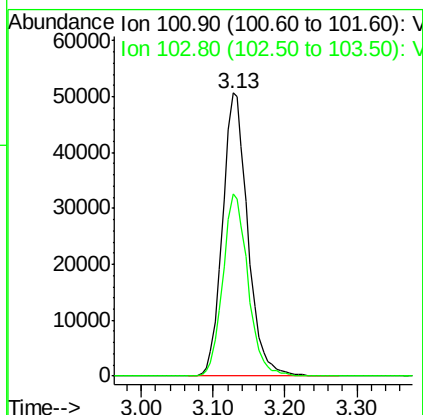
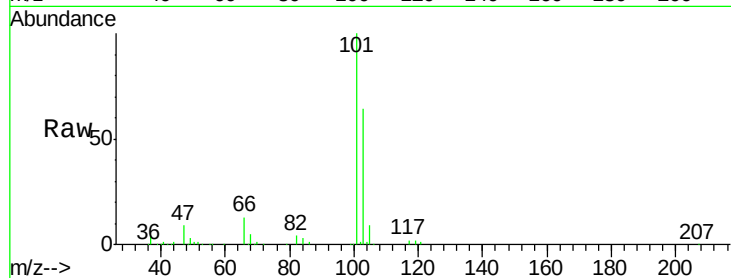


#7

Trichlorofluoromethane  
 Concen: 45.799 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

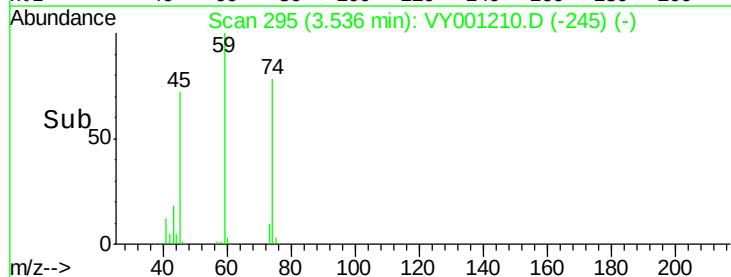
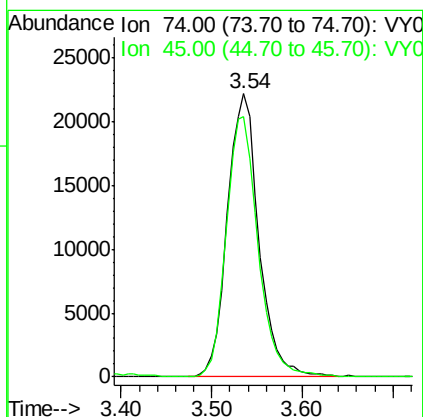
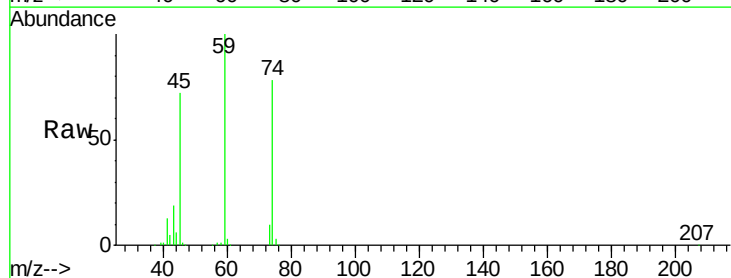
Tgt Ion: 101 Resp: 123367  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 52.6 79.0



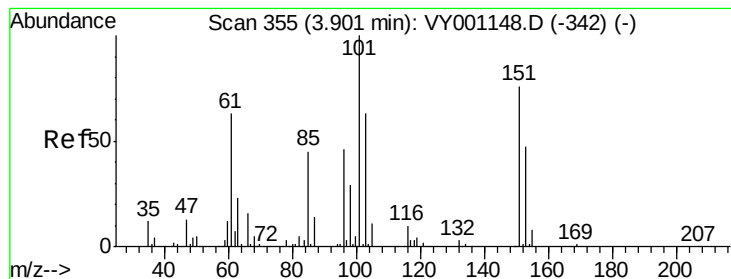
#8

Diethyl Ether  
 Concen: 51.073 ug/l  
 RT: 3.54 min Scan# 295  
 Delta R.T. 0.01 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 74 Resp: 53457  
 Ion Ratio Lower Upper  
 74 100  
 45 93.3 45.5 136.5







#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.416 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

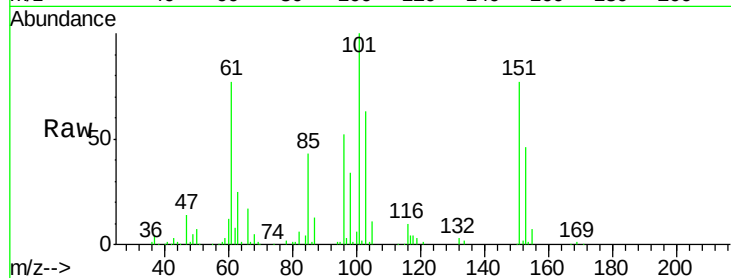
Tgt Ion:101 Resp: 77011

Ion Ratio Lower Upper

101 100

85 43.3 35.2 52.8

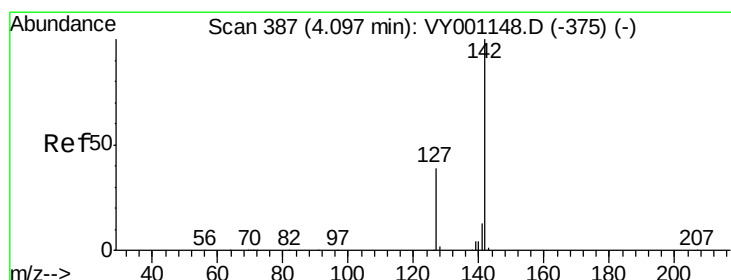
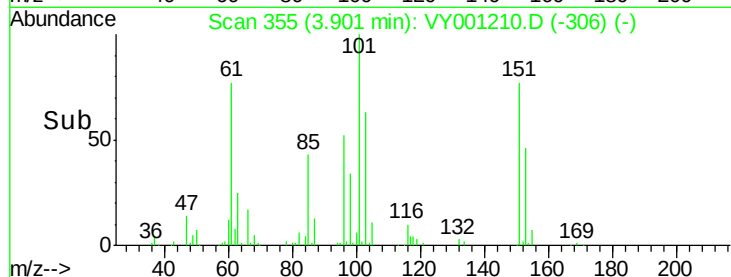
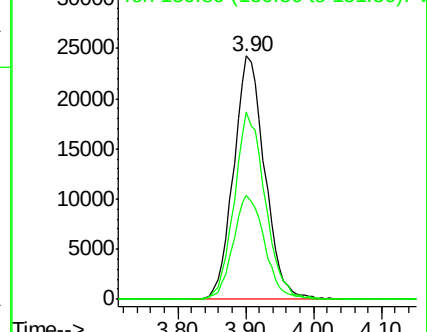
151 76.4 61.4 92.2



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: 48.350 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

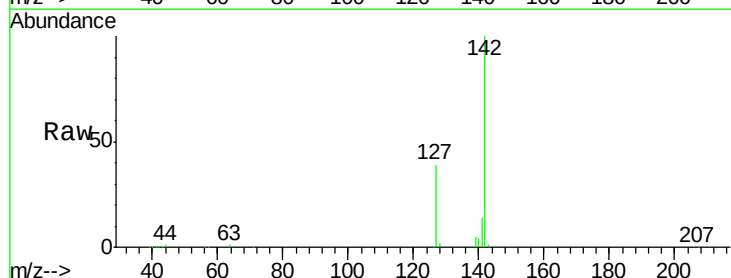
Tgt Ion:142 Resp: 114747

Ion Ratio Lower Upper

142 100

127 39.2 30.8 46.2

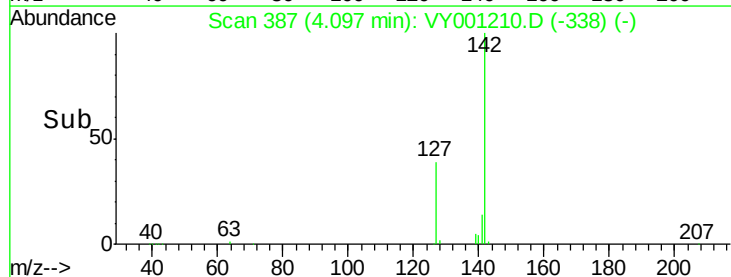
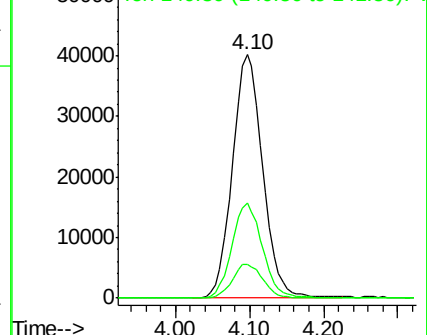
141 14.2 11.0 16.4

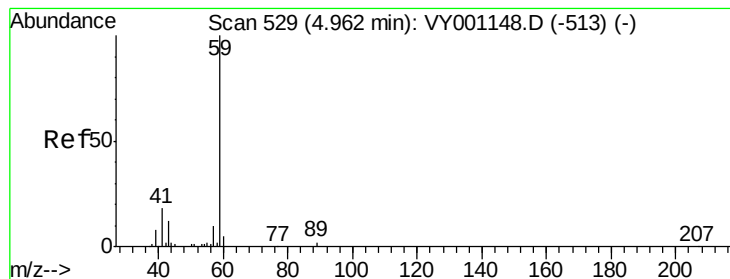


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 251.658 ug/l

RT: 4.96 min Scan# 529

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampled :

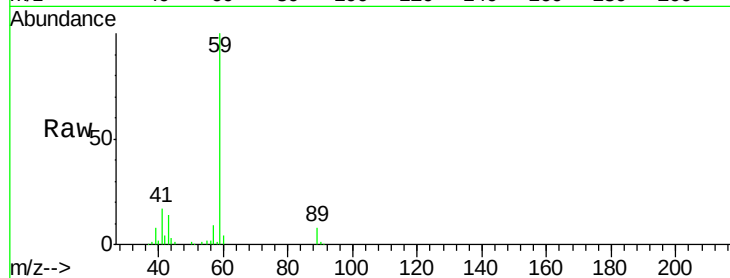
BW-1-3.0MS

Tgt Ion: 59 Resp: 46404

Ion Ratio Lower Upper

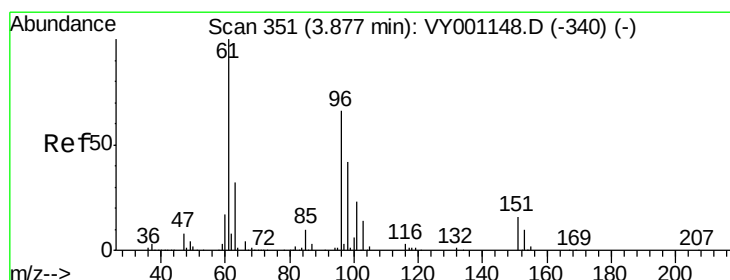
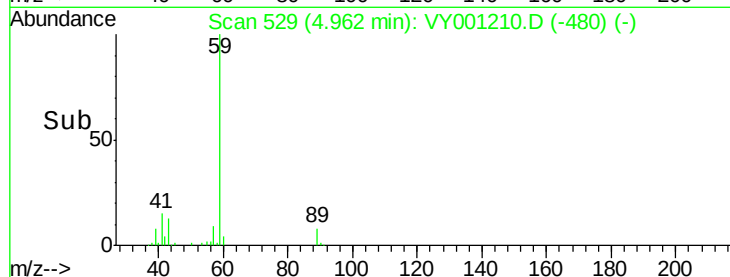
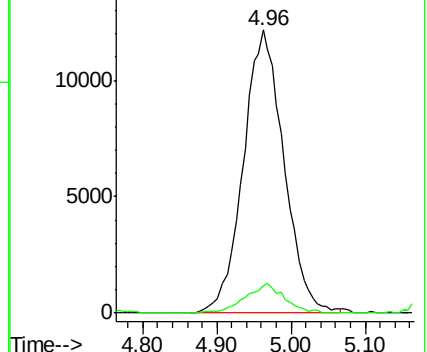
59 100

57 10.0 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 46.949 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

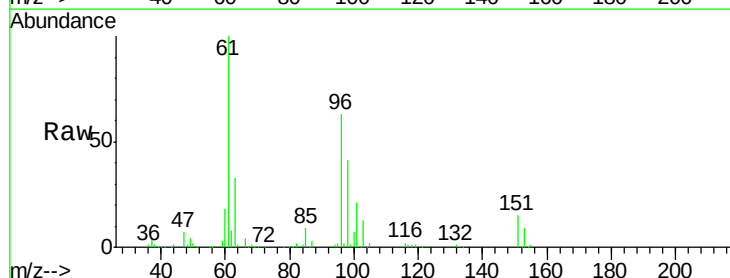
Tgt Ion: 96 Resp: 83283

Ion Ratio Lower Upper

96 100

61 157.8 122.1 183.1

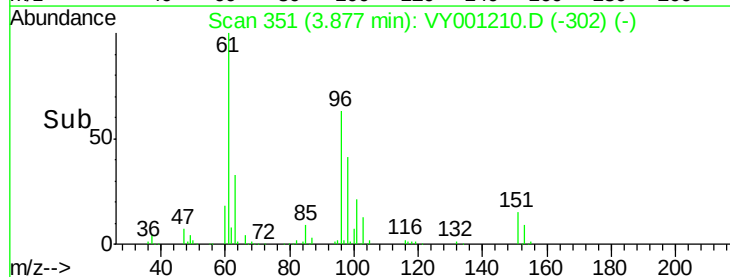
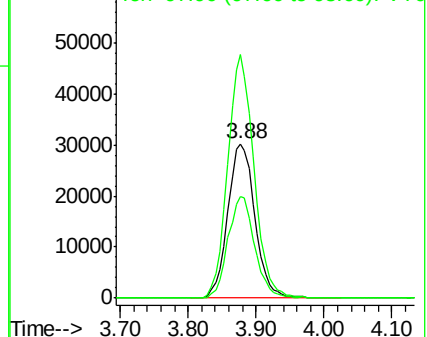
98 65.4 51.0 76.6

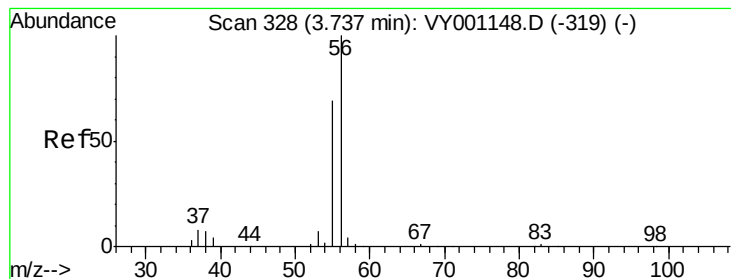


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 257.181 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

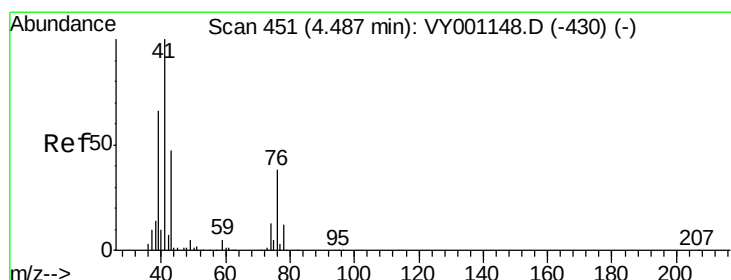
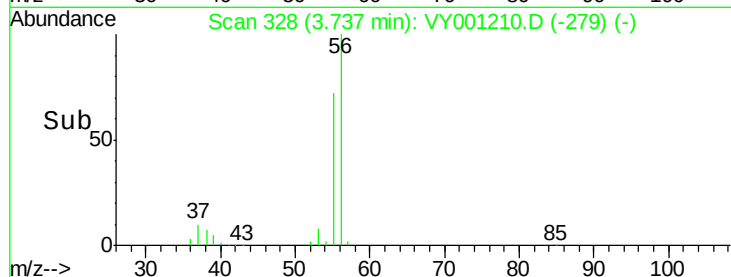
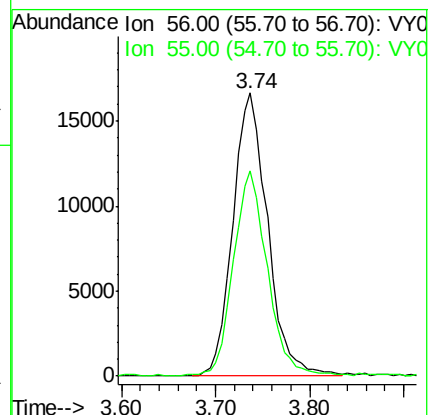
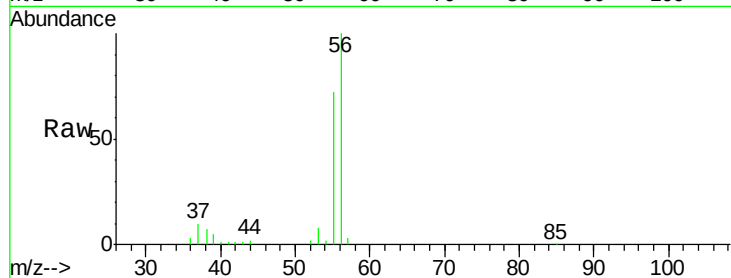
BW-1-3.0MS

Tgt Ion: 56 Resp: 42692

Ion Ratio Lower Upper

56 100

55 71.4 56.7 85.1



#14

Allyl chloride

Concen: 45.474 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

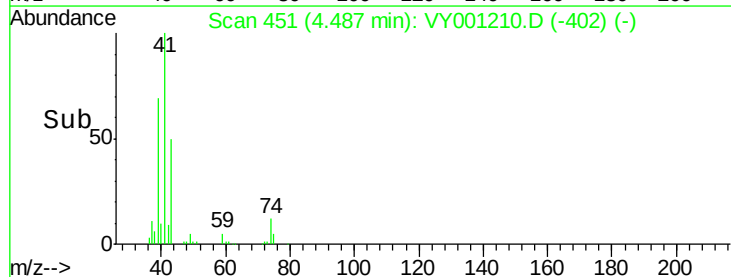
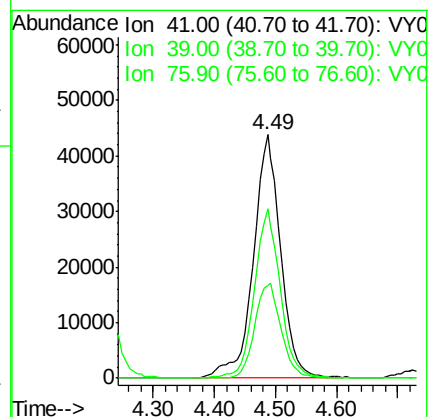
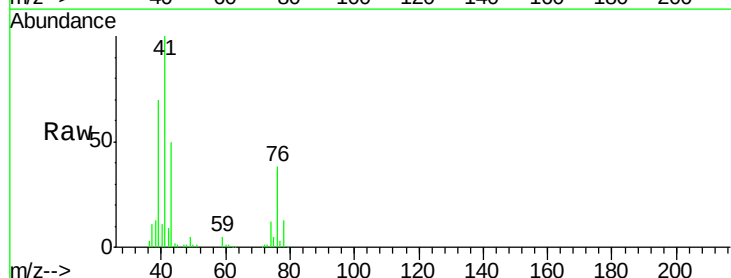
Tgt Ion: 41 Resp: 136144

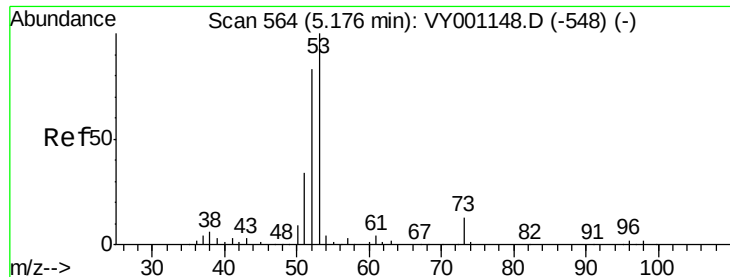
Ion Ratio Lower Upper

41 100

39 66.6 52.6 78.8

76 37.9 30.2 45.2





#15

Acrylonitrile

Concen: 255.495 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

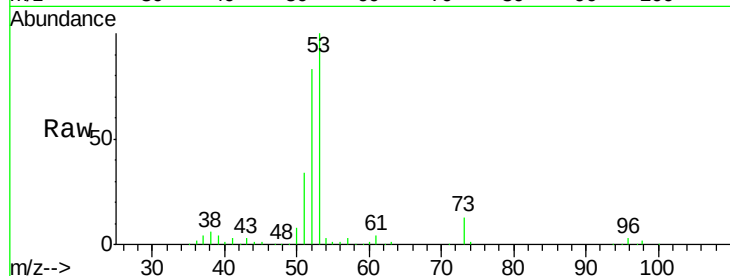
Tgt Ion: 53 Resp: 133743

Ion Ratio Lower Upper

53 100

52 81.1 65.7 98.5

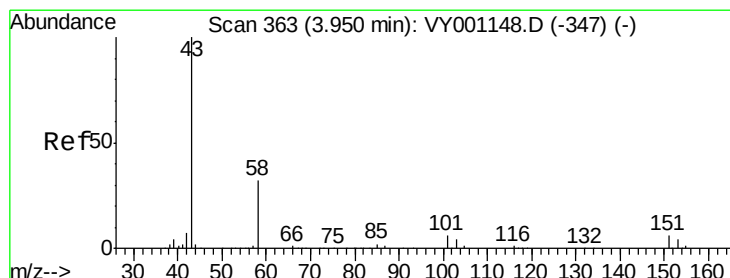
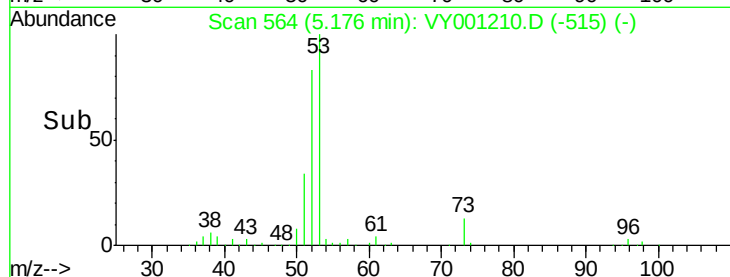
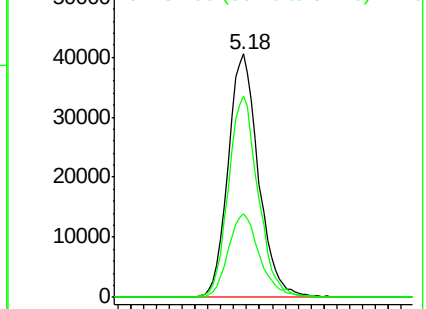
51 35.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 312.298 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001210.D

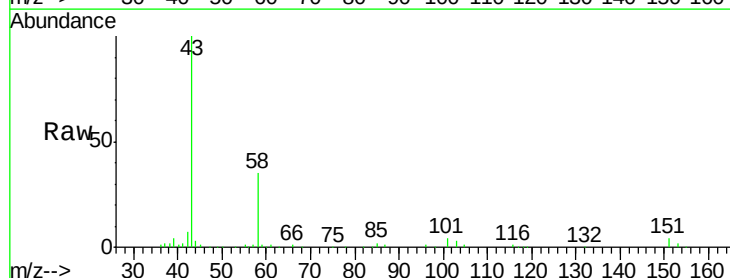
Acq: 15 Jan 2020 12:21

Tgt Ion: 43 Resp: 132922

Ion Ratio Lower Upper

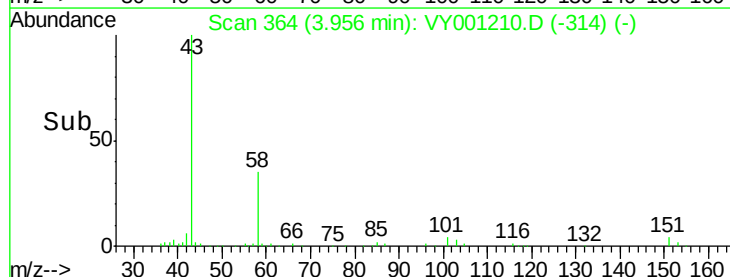
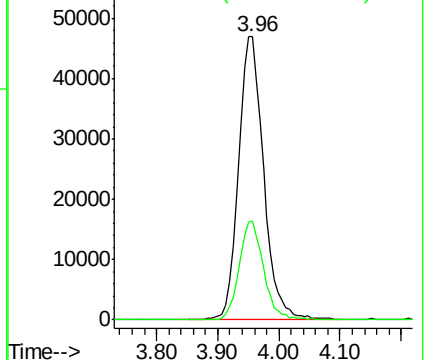
43 100

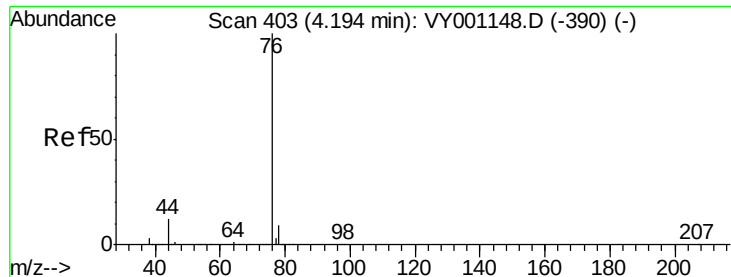
58 34.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 45.807 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampled :

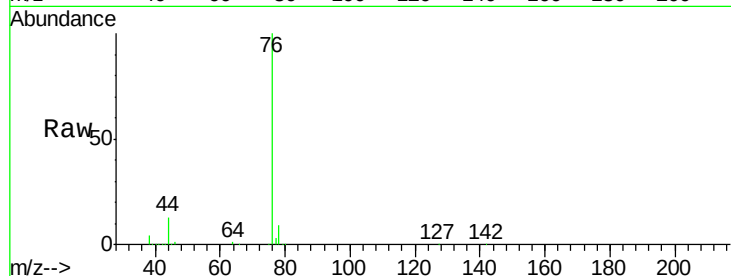
BW-1-3.0MS

Tgt Ion: 76 Resp: 262988

Ion Ratio Lower Upper

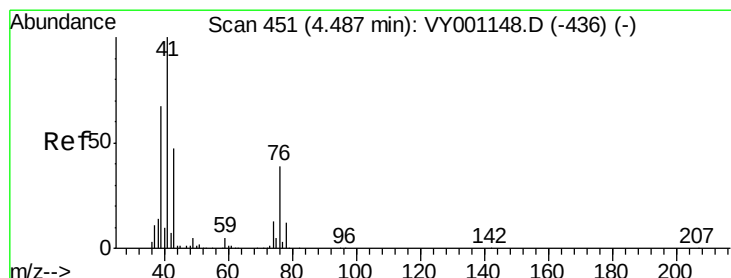
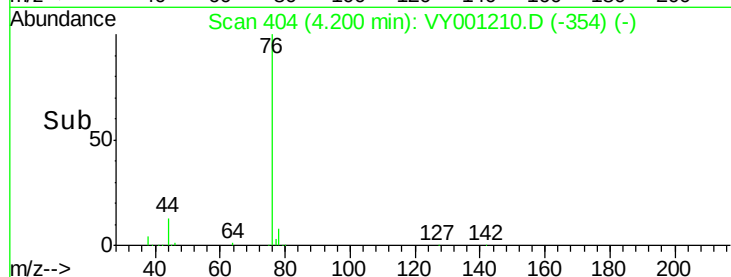
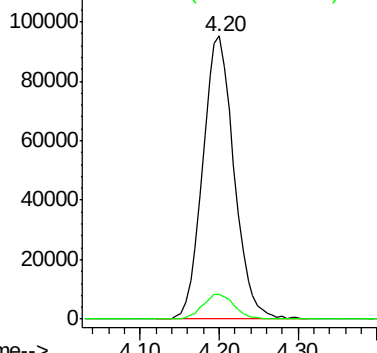
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 48.341 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY001210.D

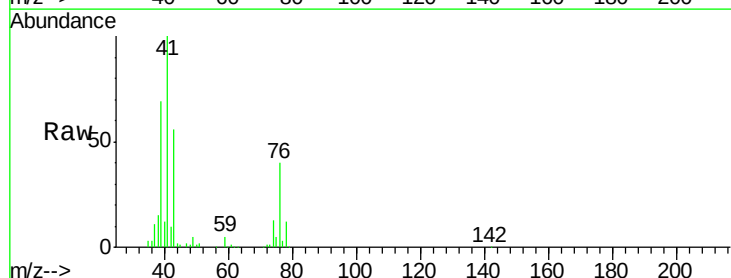
Acq: 15 Jan 2020 12:21

Tgt Ion: 43 Resp: 68026

Ion Ratio Lower Upper

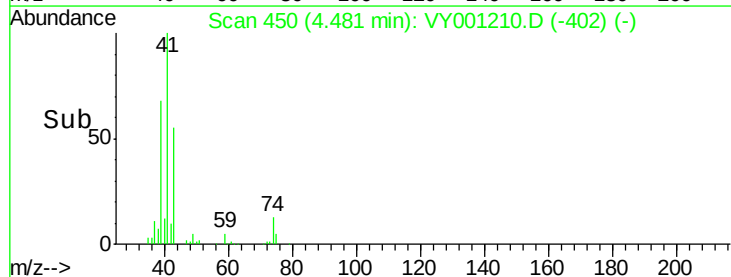
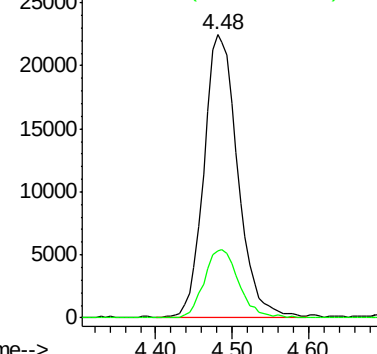
43 100

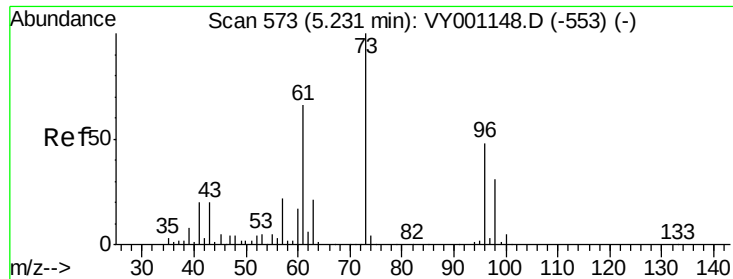
74 24.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

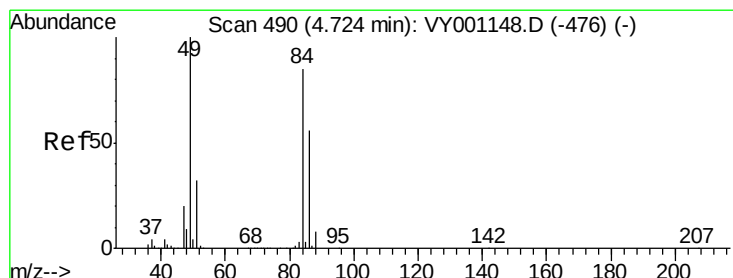
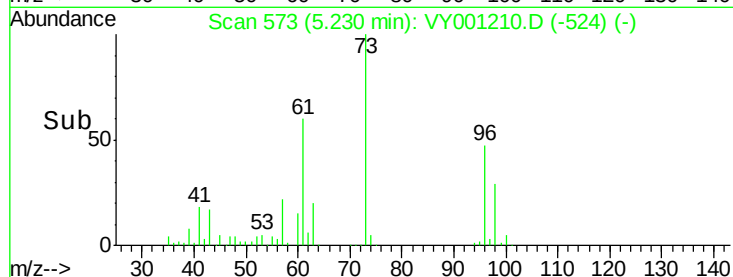
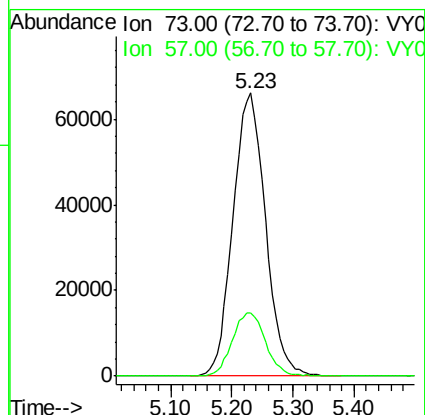
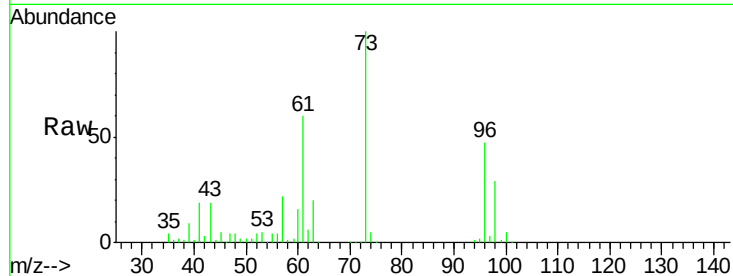




#19  
Methyl tert-butyl Ether  
Concen: 49.519 ug/l  
RT: 5.23 min Scan# 573  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

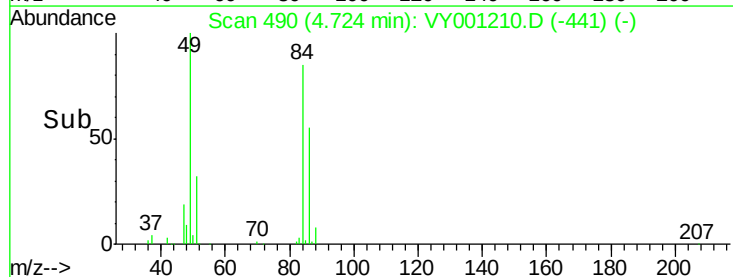
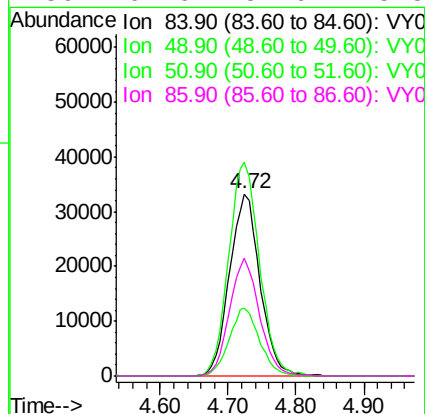
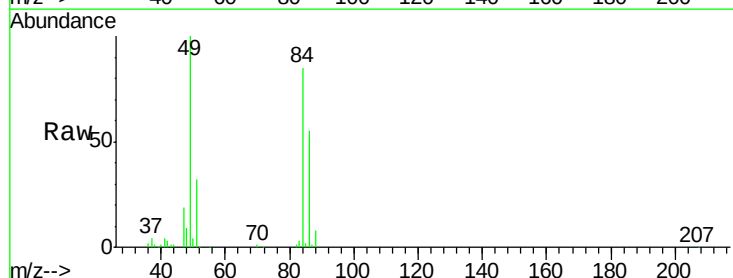
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

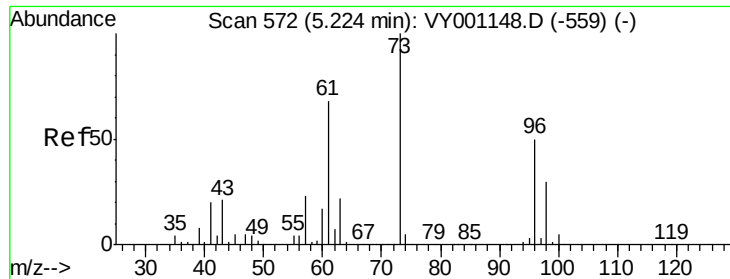
Tgt Ion: 73 Resp: 242978  
Ion Ratio Lower Upper  
73 100  
57 22.5 17.8 26.6



#20  
Methylene Chloride  
Concen: 52.086 ug/l  
RT: 4.72 min Scan# 490  
Delta R.T. 0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 84 Resp: 102855  
Ion Ratio Lower Upper  
84 100  
49 117.3 93.8 140.6  
51 37.4 29.9 44.9  
86 64.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.213 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampled :

BW-1-3.0MS

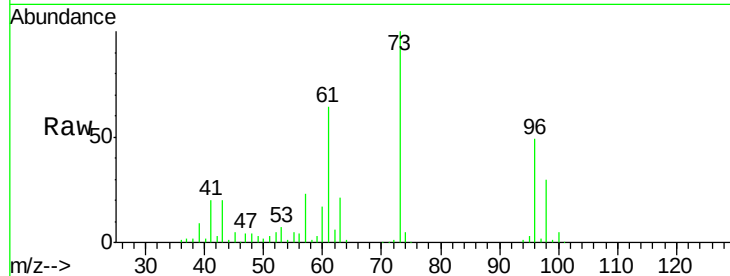
Tgt Ion: 96 Resp: 96975

Ion Ratio Lower Upper

96 100

61 131.3 107.6 161.4

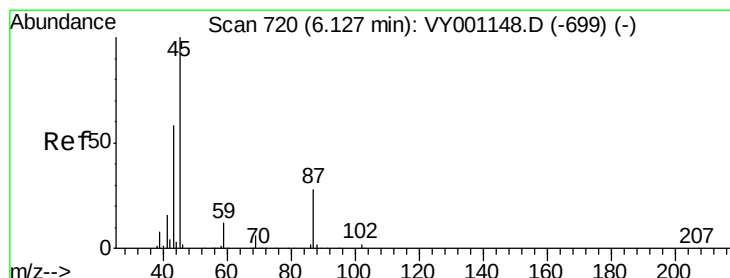
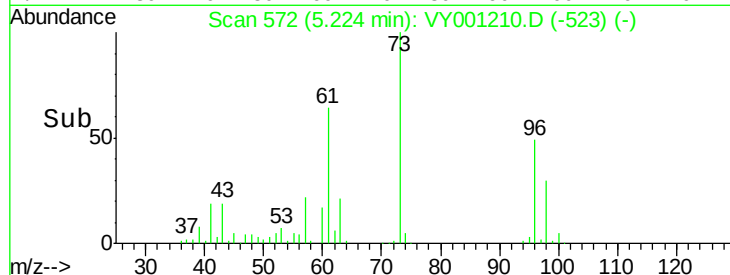
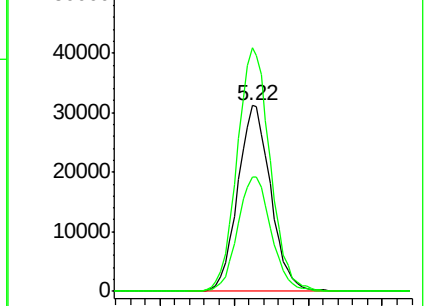
98 61.6 47.6 71.4



Abundance Ion 95.90 (95.60 to 96.60): VY001148.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VY001148.D (-559) (-)

Ion 97.90 (97.60 to 98.60): VY001148.D (-559) (-)



#22

Diisopropyl ether

Concen: 49.892 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Tgt Ion: 45 Resp: 305090

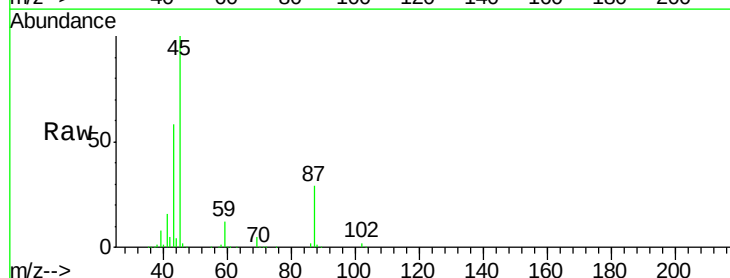
Ion Ratio Lower Upper

45 100

43 57.7 46.5 69.7

87 29.0 22.5 33.7

59 12.5 9.4 14.0

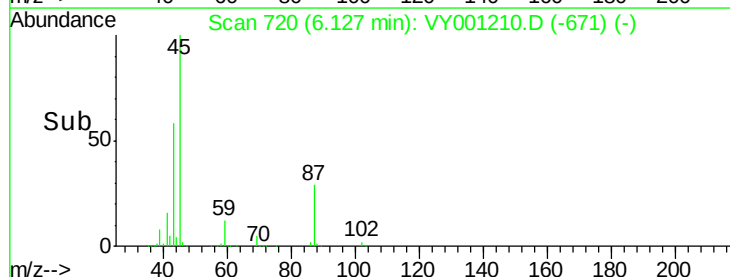
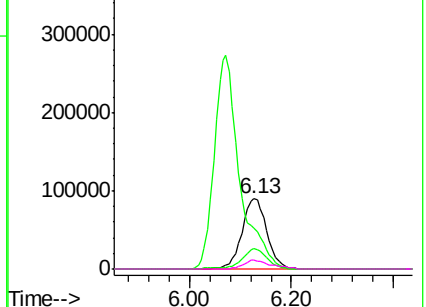


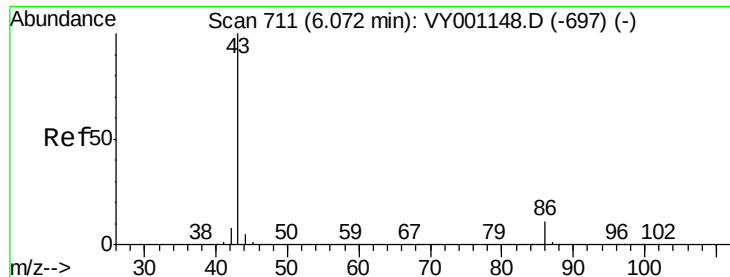
Abundance Ion 45.00 (44.70 to 45.70): VY001148.D (-699) (-)

Ion 43.00 (42.70 to 43.70): VY001148.D (-699) (-)

Ion 87.00 (86.70 to 87.70): VY001148.D (-699) (-)

Ion 59.00 (58.70 to 59.70): VY001148.D (-699) (-)





#23

Vinyl Acetate

Concen: 240.498 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

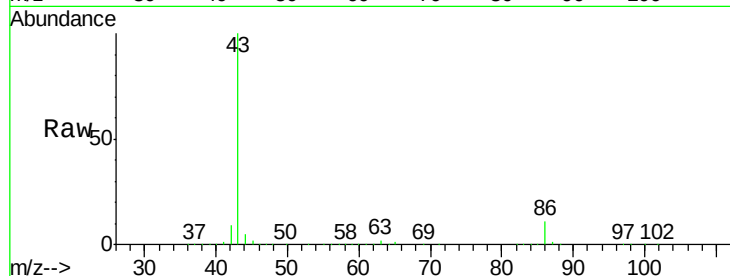
BW-1-3.0MS

Tgt Ion: 43 Resp: 940536

Ion Ratio Lower Upper

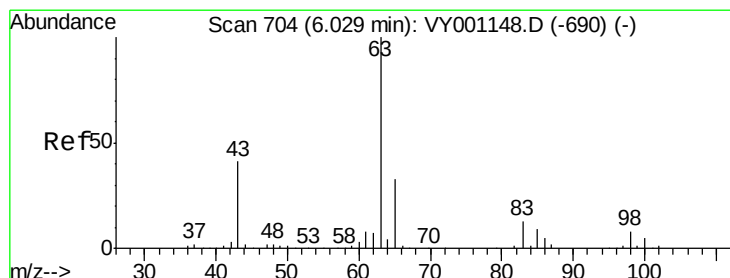
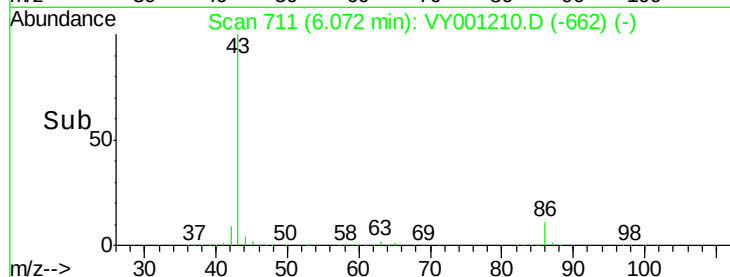
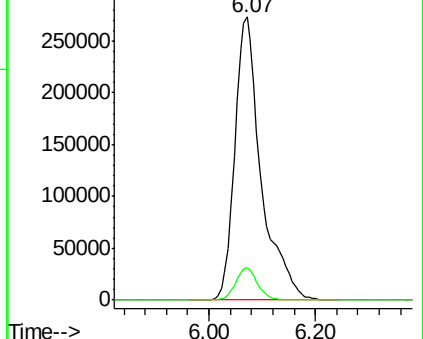
43 100

86 11.4 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.775 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

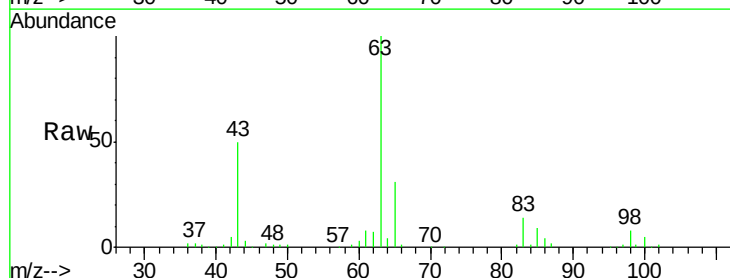
Tgt Ion: 63 Resp: 166632

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

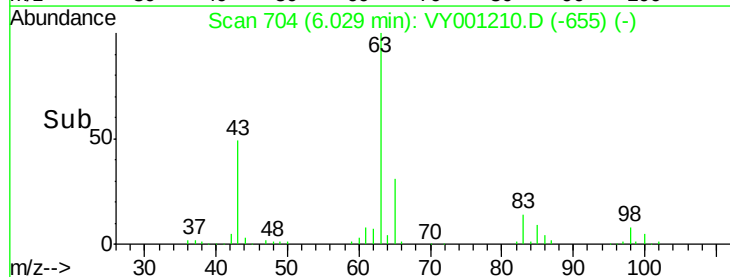
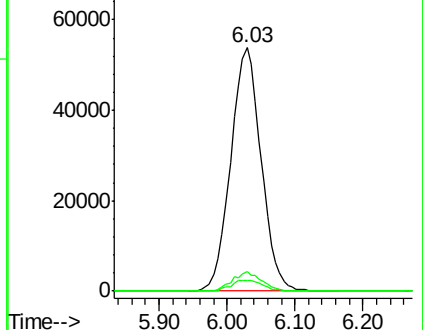
100 4.6 2.4 7.2



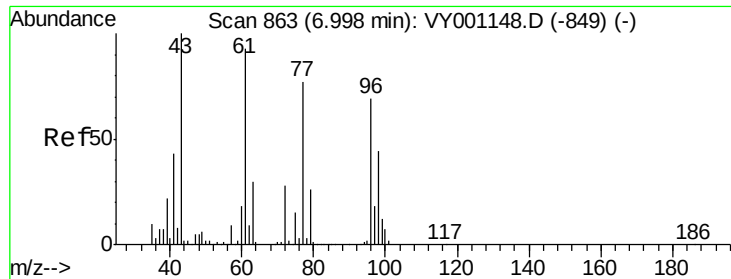
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0







#25

2-Butanone

Concen: 285.690 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

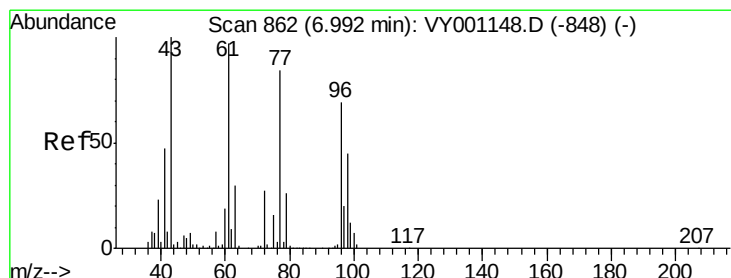
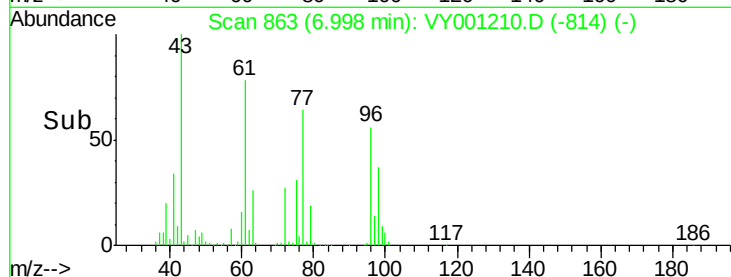
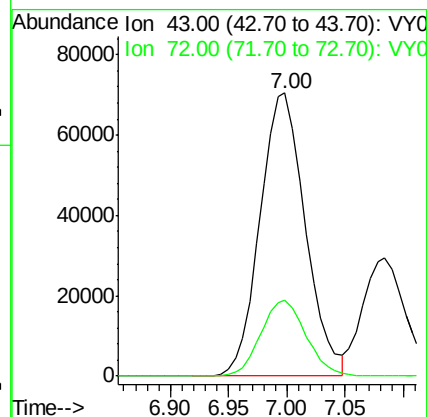
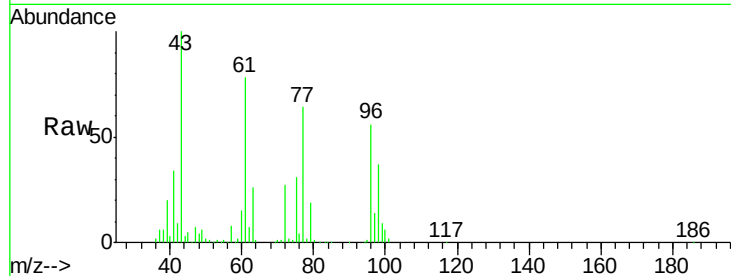
BW-1-3.0MS

Tgt Ion: 43 Resp: 189248

Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 47.140 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001210.D

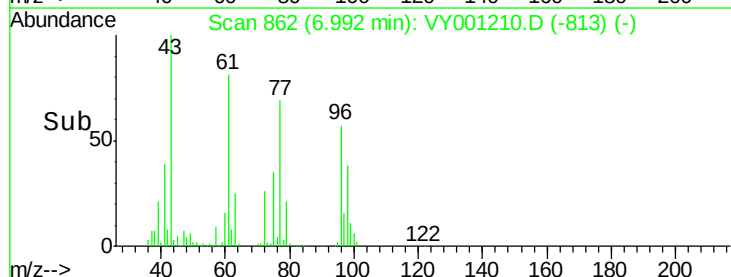
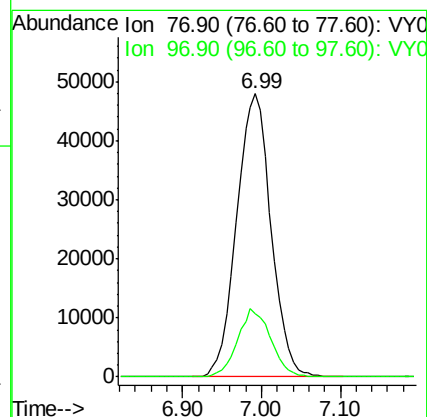
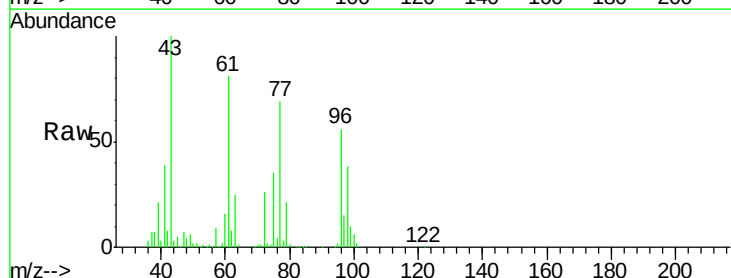
Acq: 15 Jan 2020 12:21

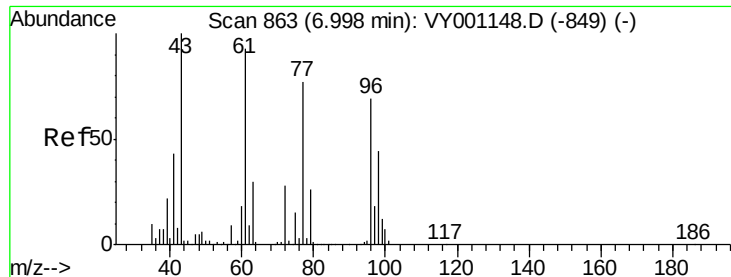
Tgt Ion: 77 Resp: 145117

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.7



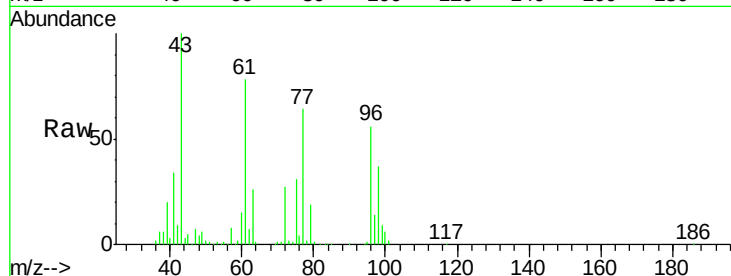


#27

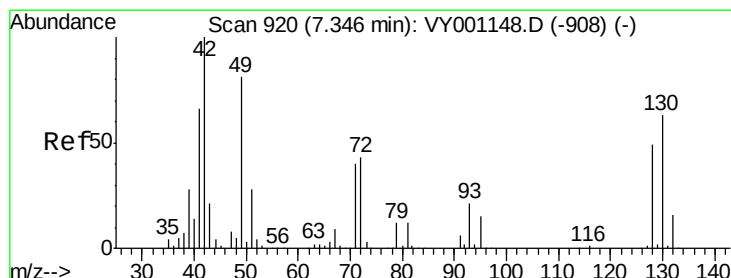
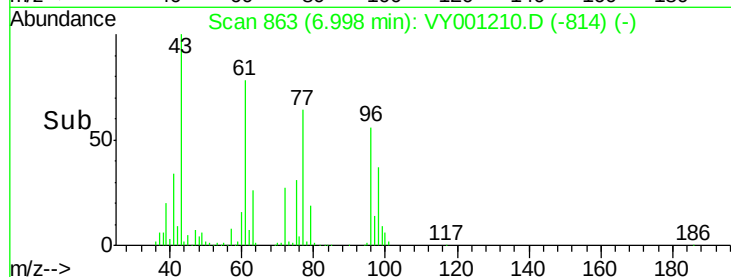
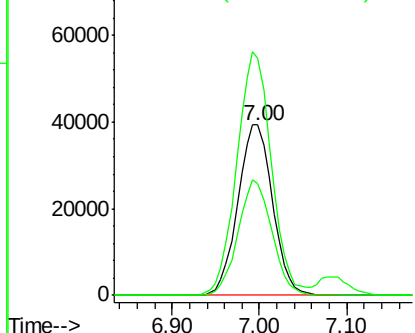
cis-1,2-Dichloroethene  
 Concen: 49.284 ug/l  
 RT: 7.00 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

Tgt Ion: 96 Resp: 108620  
 Ion Ratio Lower Upper  
 96 100  
 61 142.0 0.0 284.0  
 98 65.9 0.0 130.2



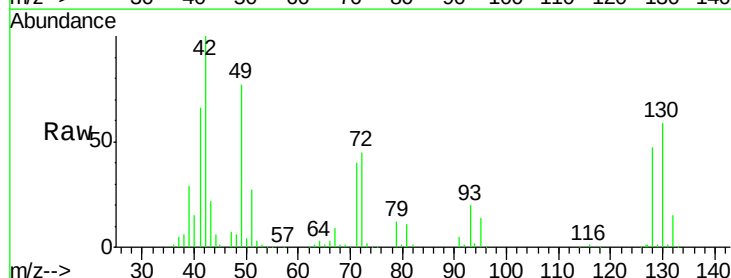
Abundance Ion 95.90 (95.60 to 96.60): VY0  
 Ion 60.90 (60.60 to 61.60): VY0  
 Ion 97.90 (97.60 to 98.60): VY0



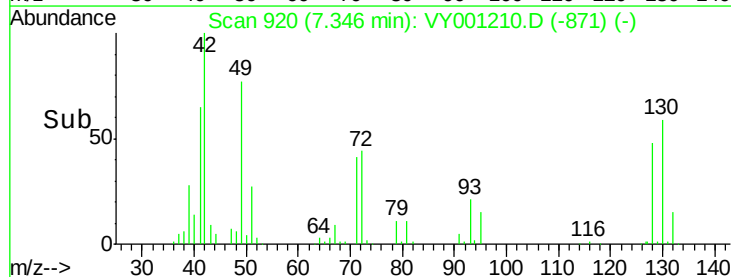
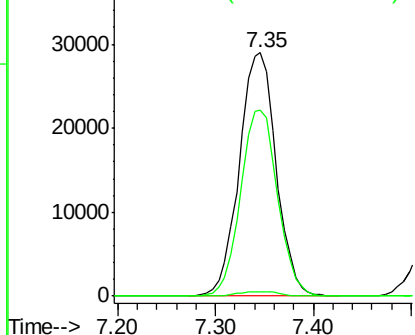
#28

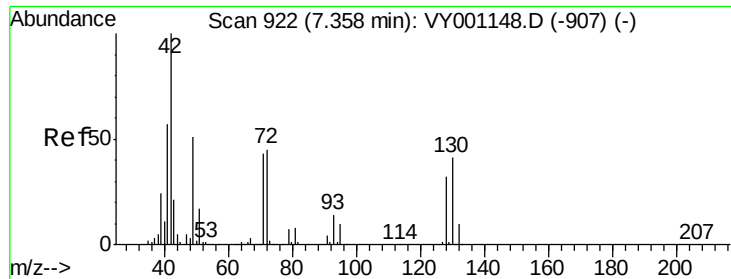
Bromochloromethane  
 Concen: 54.985 ug/l  
 RT: 7.35 min Scan# 920  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 49 Resp: 75587  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.4  
 130 76.8 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VY0  
 Ion 128.80 (128.50 to 129.50): VY0  
 Ion 129.80 (129.50 to 130.50): VY0

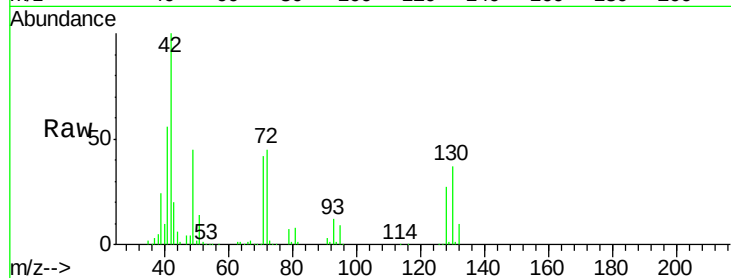




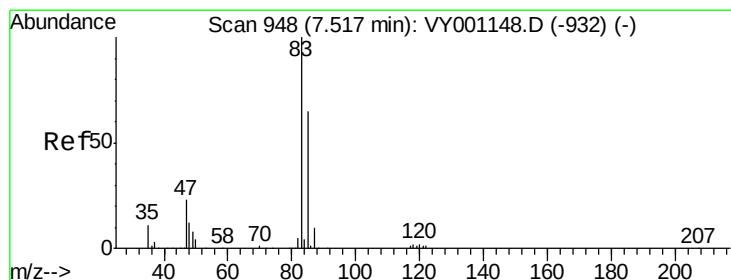
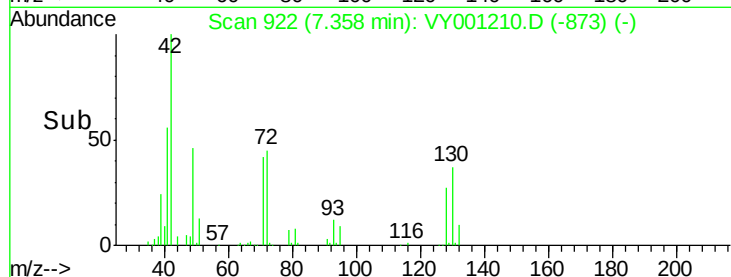
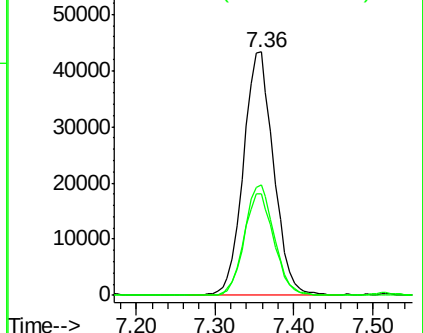
#29  
Tetrahydrofuran  
Concen: 254.337 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

Tgt Ion: 42 Resp: 115459  
Ion Ratio Lower Upper  
42 100  
72 44.9 36.9 55.3  
71 41.5 34.0 51.0

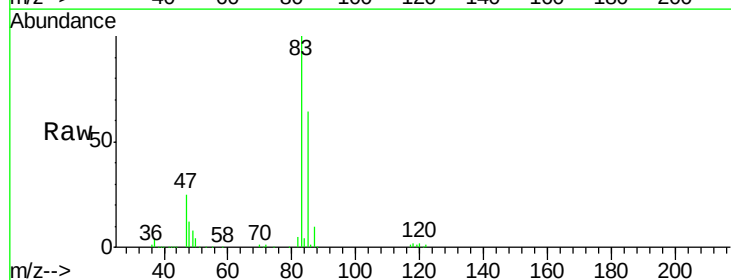


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

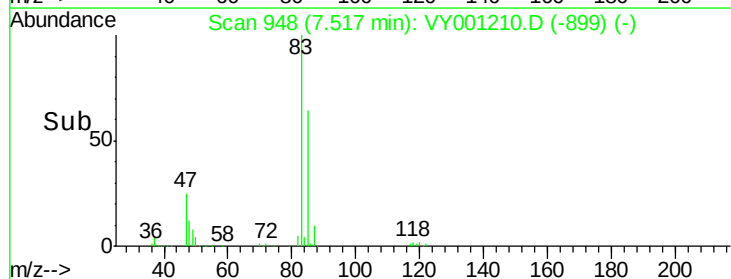
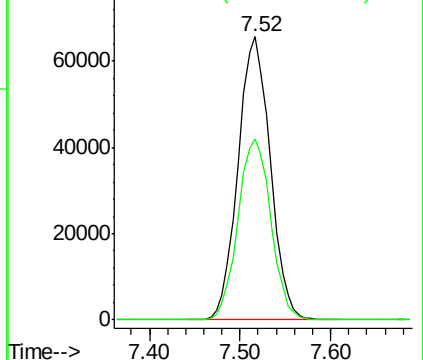


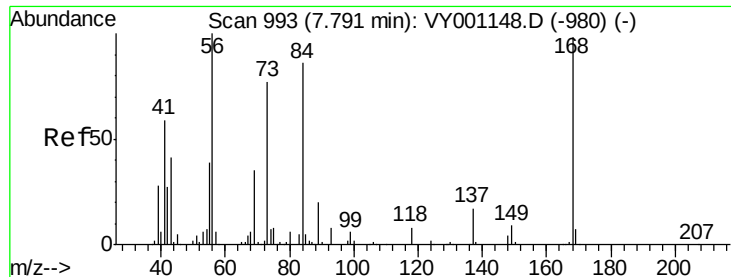
#30  
Chloroform  
Concen: 49.354 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 83 Resp: 161890  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.9 77.9



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

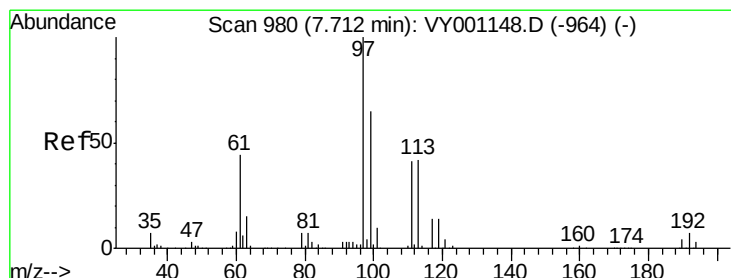
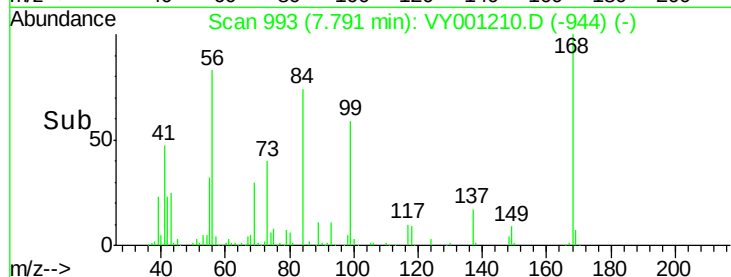
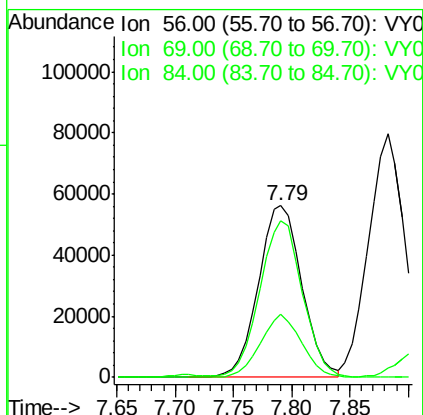
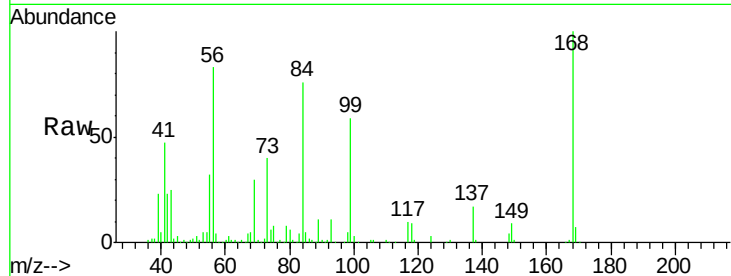




#31  
Cyclohexane  
Concen: 40.870 ug/l  
RT: 7.79 min Scan# 993  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

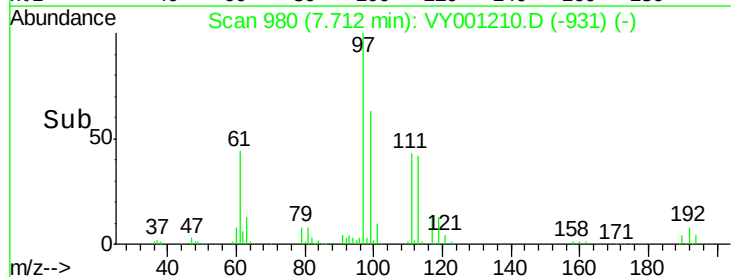
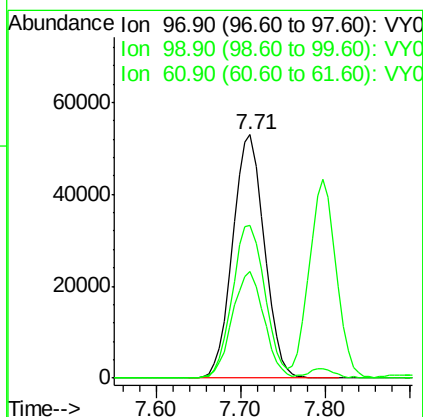
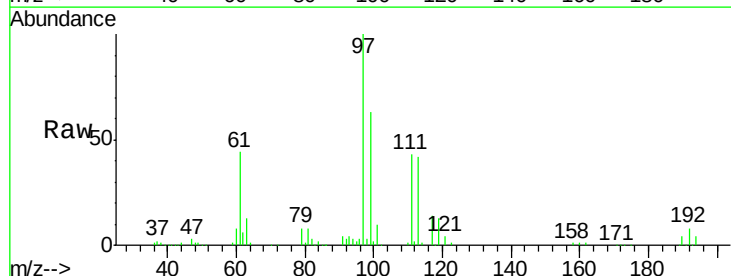
Instrument :  
MSVOA\_Y  
ClientSampled :  
BW-1-3.0MS

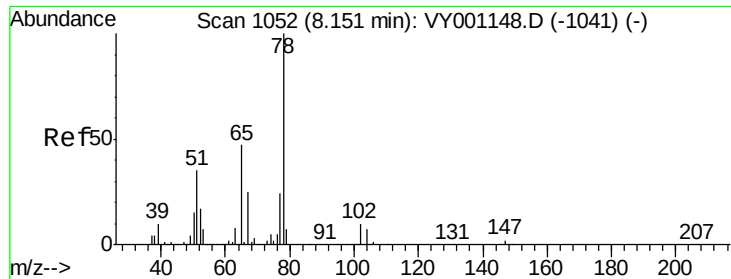
Tgt Ion: 56 Resp: 144865  
Ion Ratio Lower Upper  
56 100  
69 36.5 27.8 41.8  
84 89.9 68.9 103.3



#32  
1,1,1-Trichloroethane  
Concen: 46.292 ug/l  
RT: 7.71 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 97 Resp: 134730  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.3 76.9  
61 44.1 34.6 52.0

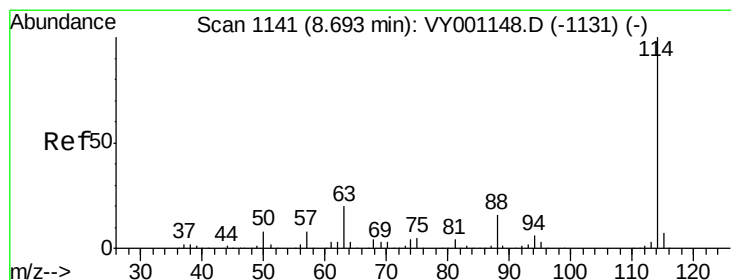
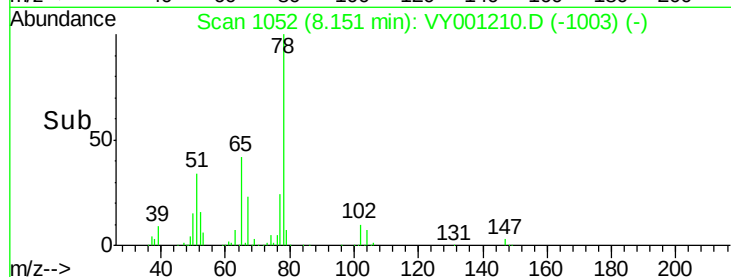
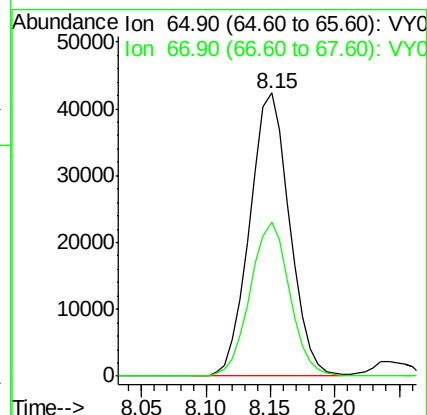
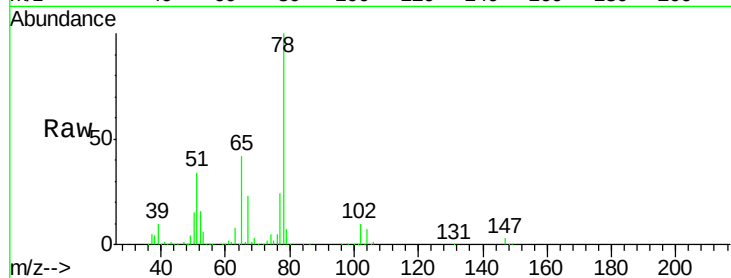




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.515 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

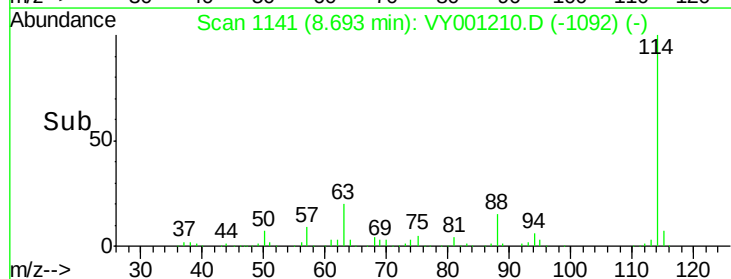
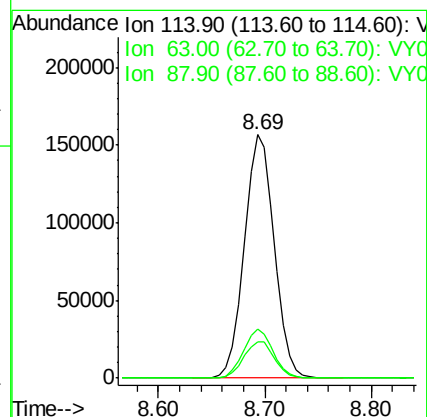
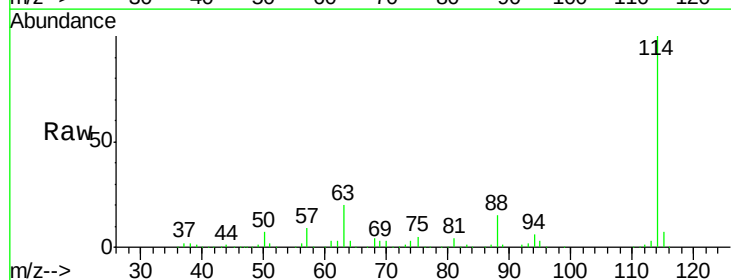
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

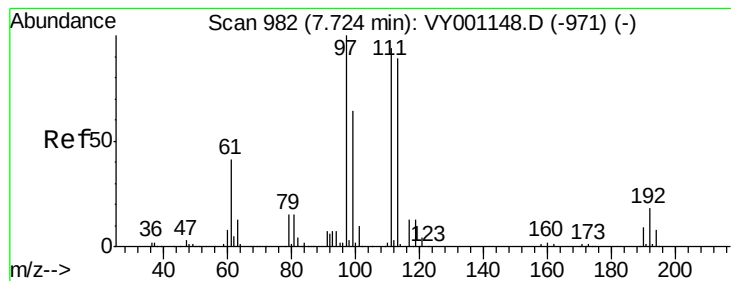
Tgt Ion: 65 Resp: 90746  
 Ion Ratio Lower Upper  
 65 100  
 67 54.2 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 114 Resp: 308387  
 Ion Ratio Lower Upper  
 114 100  
 63 19.9 0.0 40.8  
 88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.934 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

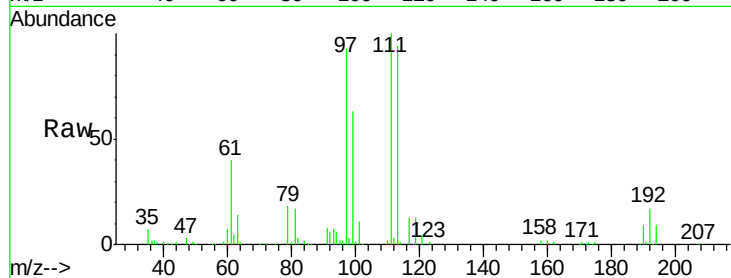
Tgt Ion:113 Resp: 84744

Ion Ratio Lower Upper

113 100

111 104.9 82.9 124.3

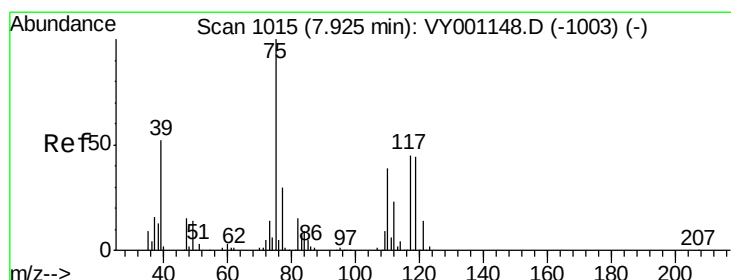
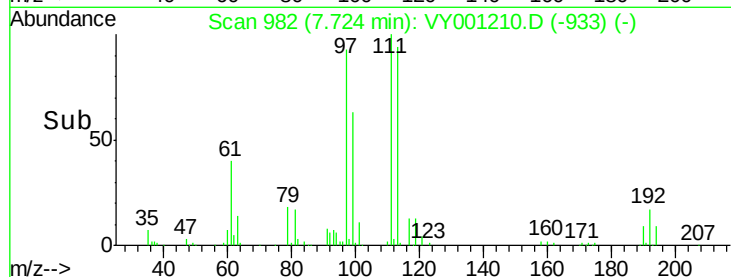
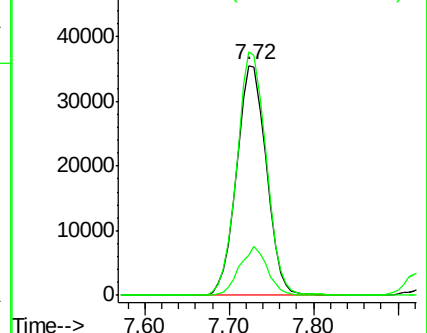
192 19.8 15.4 23.2



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: 44.456 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

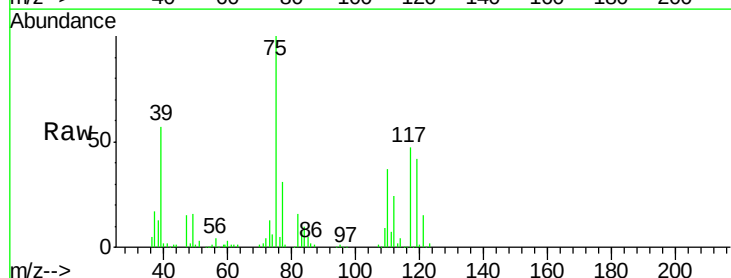
Tgt Ion: 75 Resp: 124954

Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.8

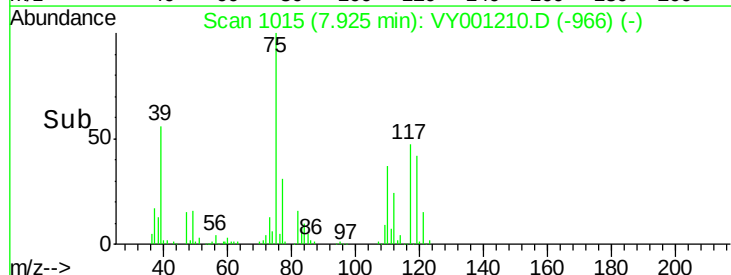
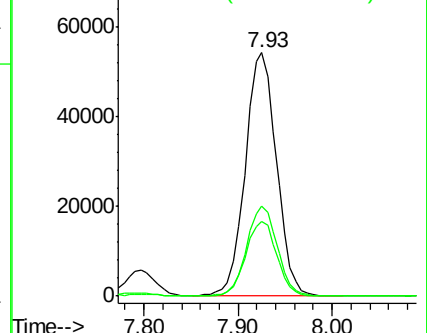
77 30.8 25.1 37.7

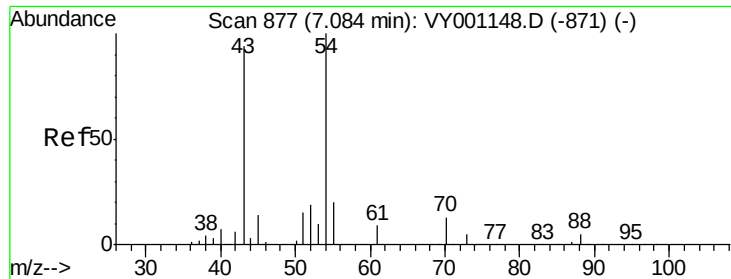


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

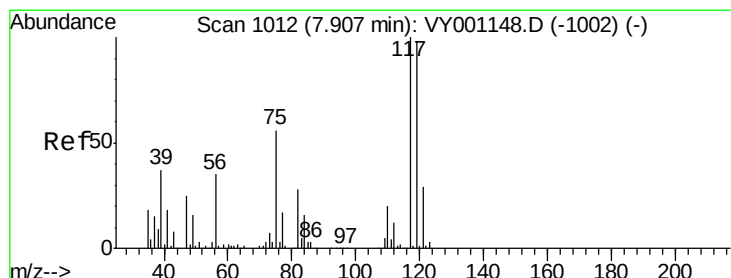
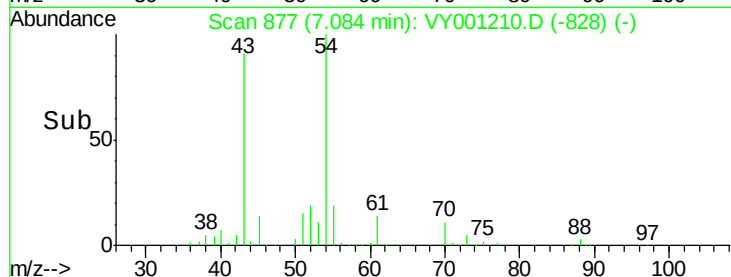
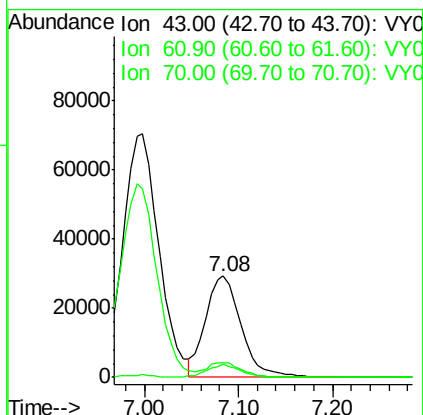
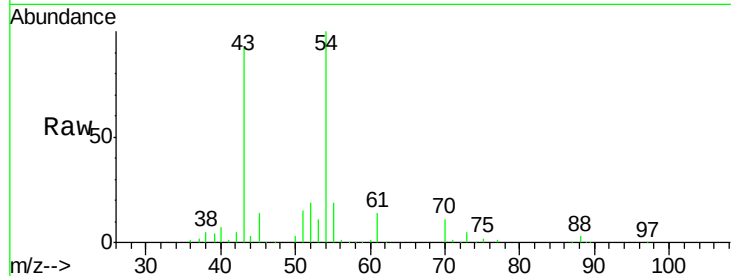




#37  
Ethyl Acetate  
Concen: 46.343 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

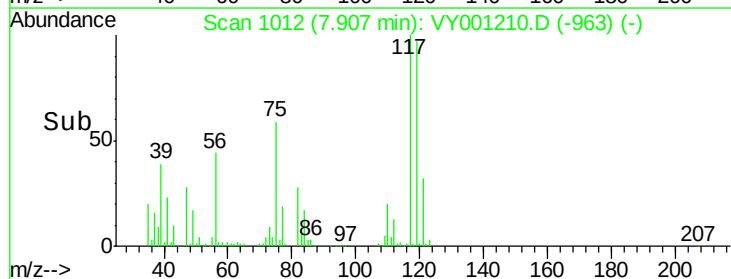
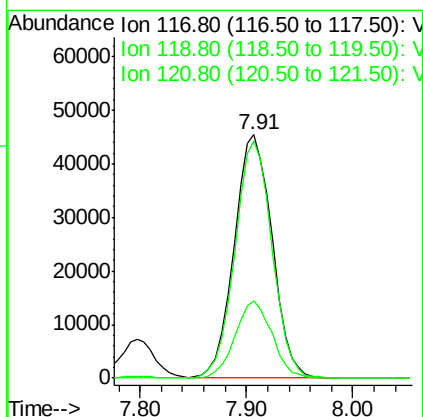
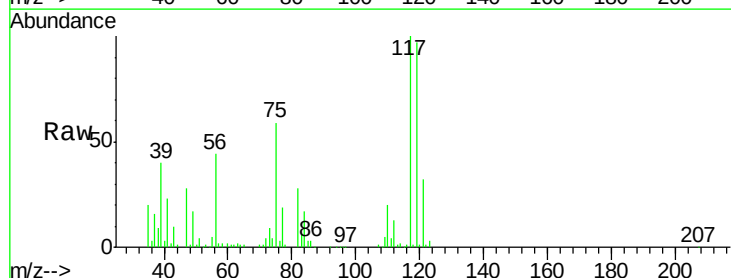
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

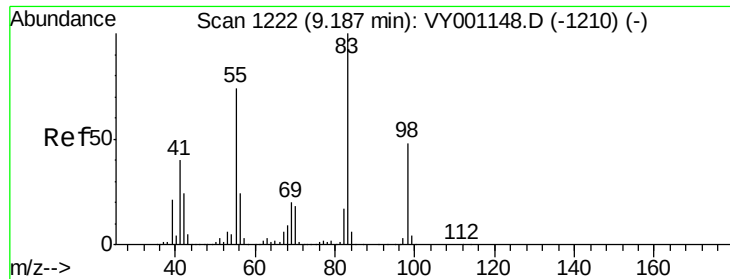
Tgt Ion: 43 Resp: 76445  
Ion Ratio Lower Upper  
43 100  
61 14.6 11.1 16.7  
70 11.7 9.7 14.5



#38  
Carbon Tetrachloride  
Concen: 44.145 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 117 Resp: 113714  
Ion Ratio Lower Upper  
117 100  
119 97.4 78.3 117.5  
121 31.6 23.5 35.3

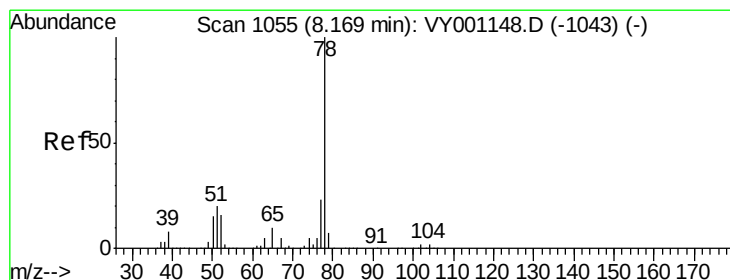
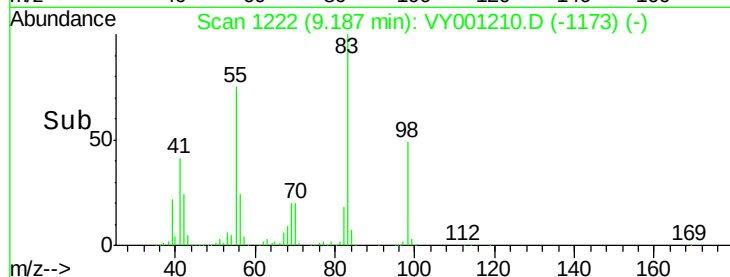
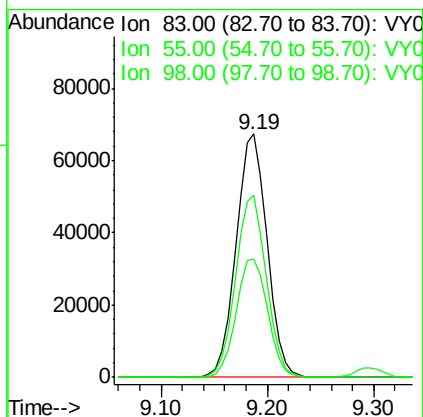
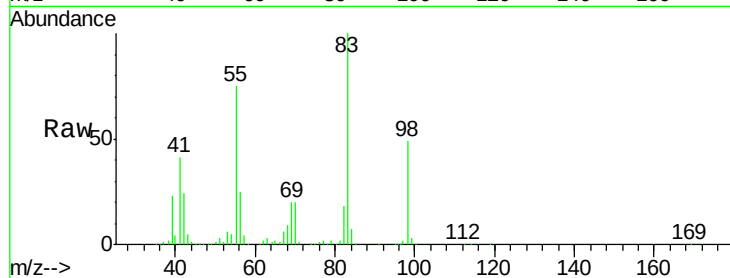




#39  
Methylcyclohexane  
Concen: 36.069 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

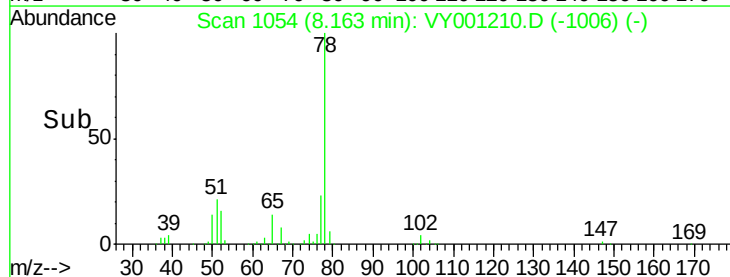
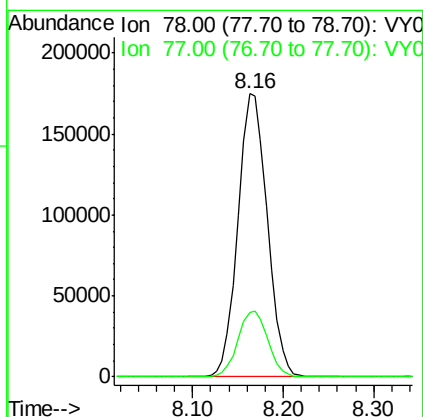
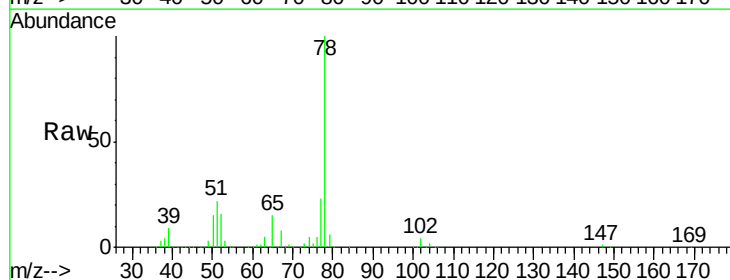
Instrument :  
MSVOA\_Y  
ClientSampled :  
BW-1-3.0MS

Tgt Ion: 83 Resp: 137445  
Ion Ratio Lower Upper  
83 100  
55 74.7 58.9 88.3  
98 48.7 38.4 57.6

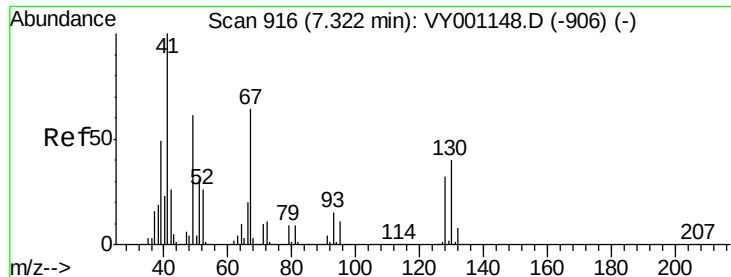


#40  
Benzene  
Concen: 47.796 ug/l  
RT: 8.16 min Scan# 1054  
Delta R.T. -0.01 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 78 Resp: 392161  
Ion Ratio Lower Upper  
78 100  
77 22.8 18.8 28.2



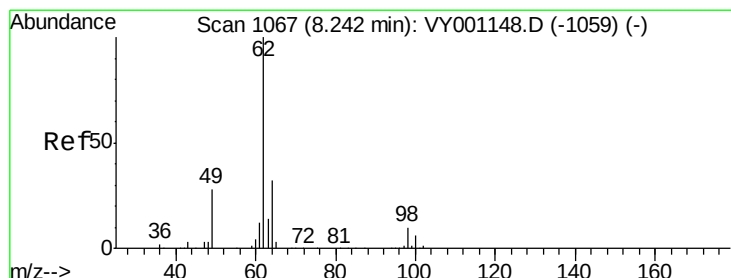
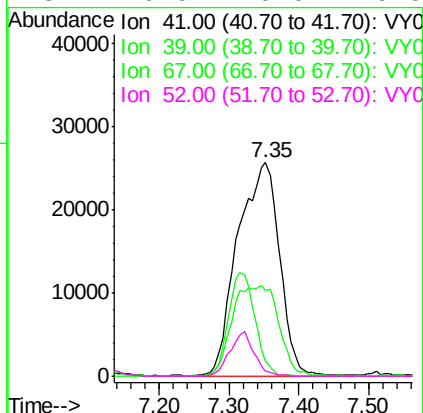
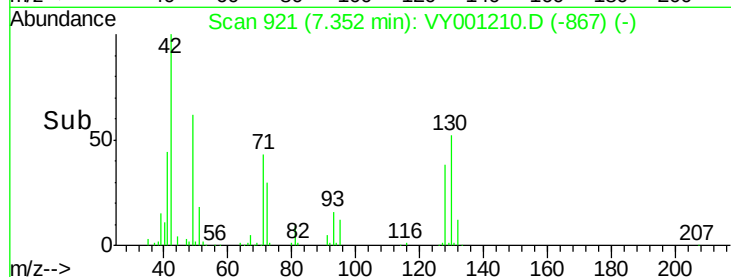
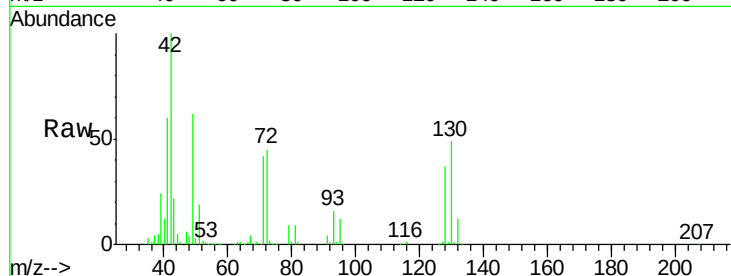




#41  
Methacrylonitrile  
Concen: 137.419 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. 0.03 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

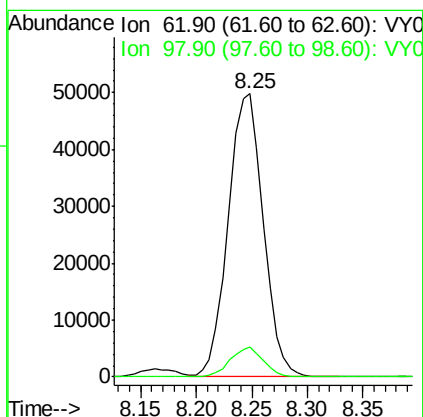
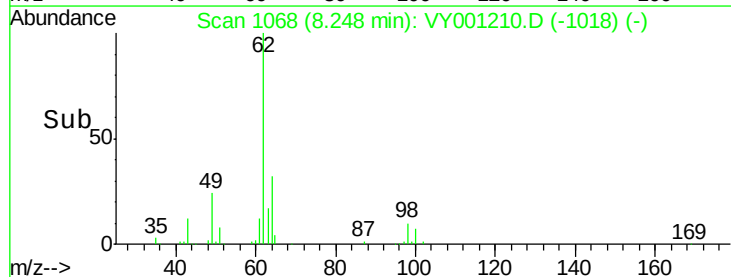
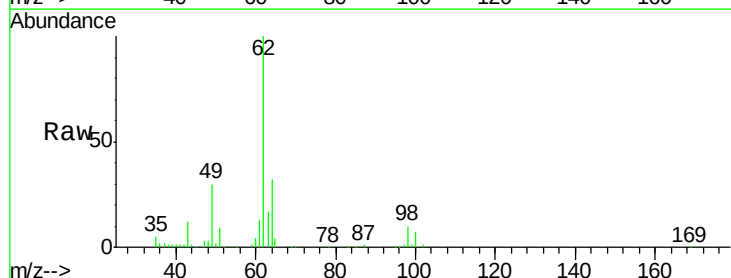
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

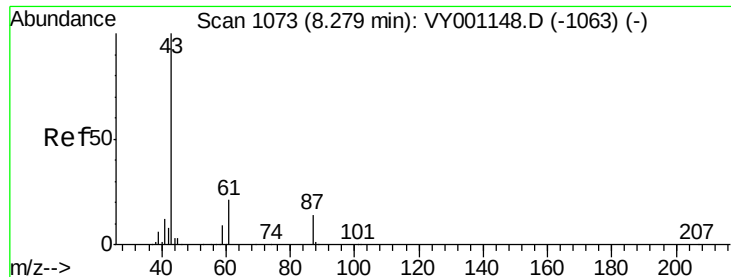
Tgt Ion: 41 Resp: 106481  
Ion Ratio Lower Upper  
41 100  
39 47.0 103.5 155.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 47.434 ug/l  
RT: 8.25 min Scan# 1068  
Delta R.T. 0.01 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 62 Resp: 108976  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 20.4

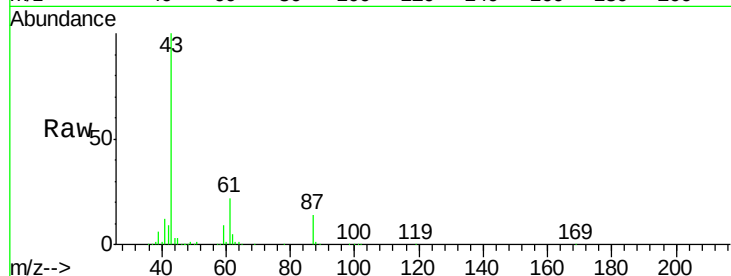




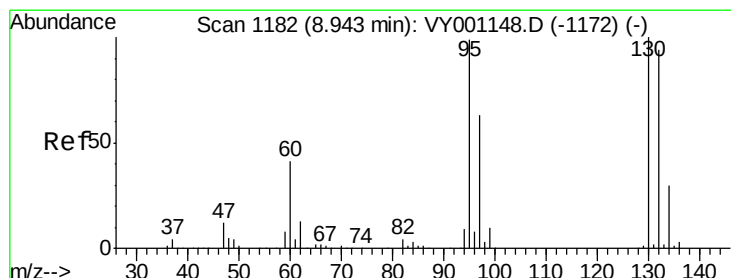
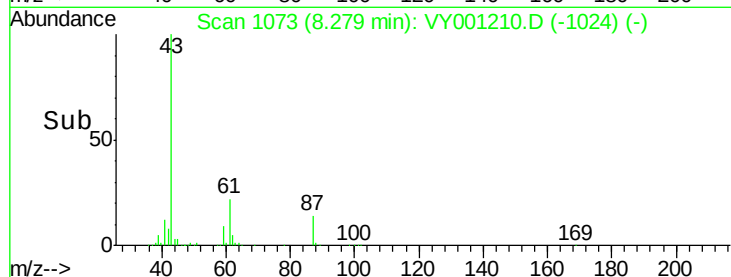
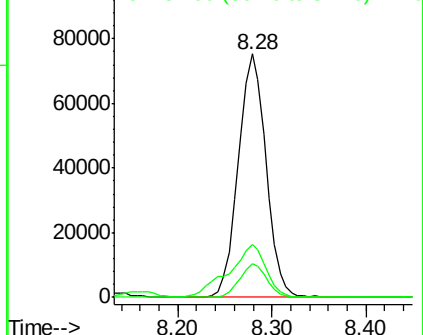
#43  
Isopropyl Acetate  
Concen: 49.029 ug/l  
RT: 8.28 min Scan# 1073  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

Tgt Ion: 43 Resp: 154653  
Ion Ratio Lower Upper  
43 100  
61 28.9 23.9 35.9  
87 13.6 11.4 17.2

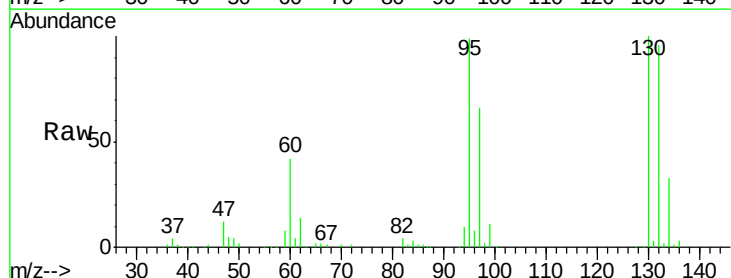


Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 61.00 (60.70 to 61.70): VY0  
Ion 87.00 (86.70 to 87.70): VY0

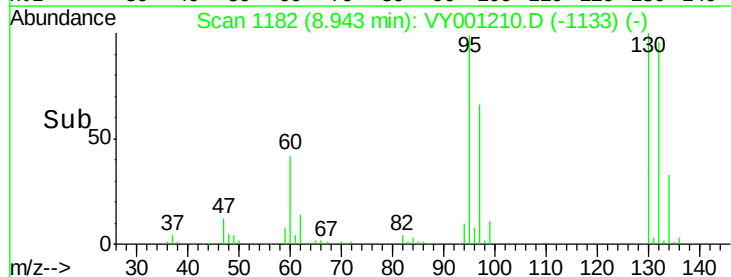
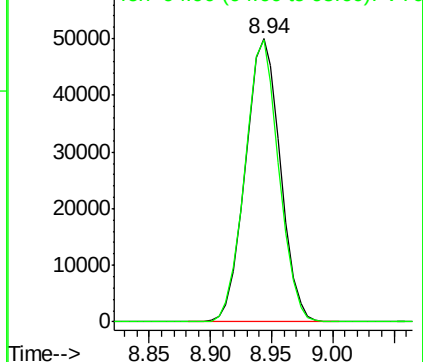


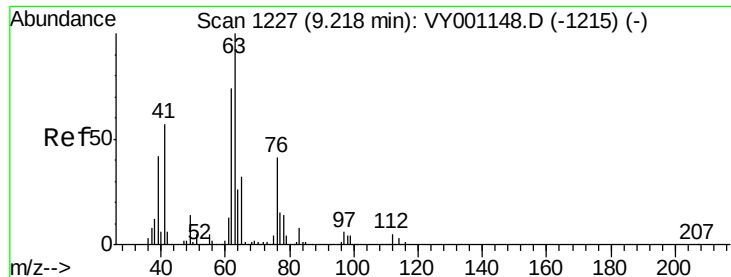
#44  
Trichloroethene  
Concen: 46.279 ug/l  
RT: 8.94 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 130 Resp: 98942  
Ion Ratio Lower Upper  
130 100  
95 99.5 0.0 197.6



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

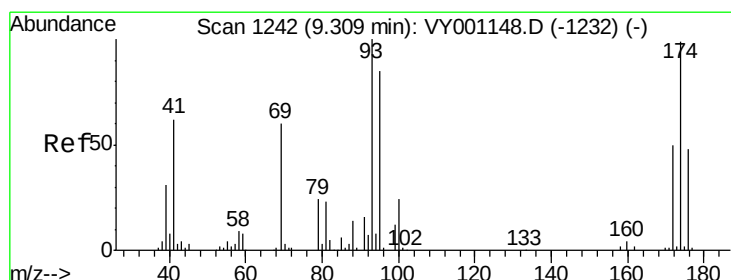
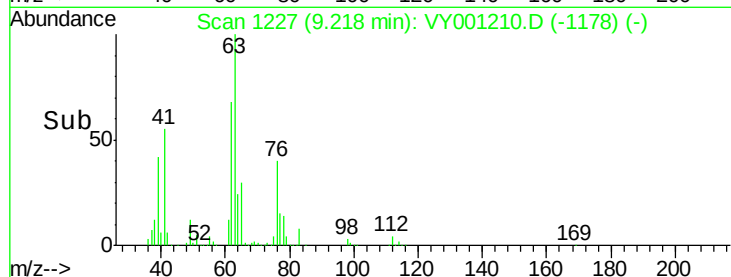
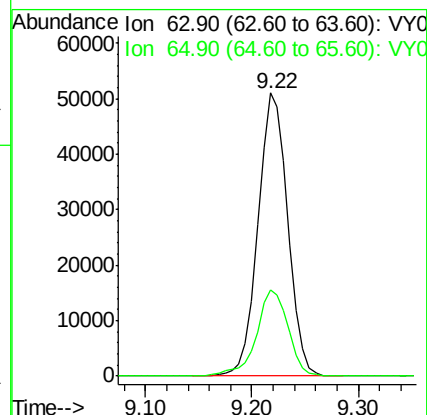
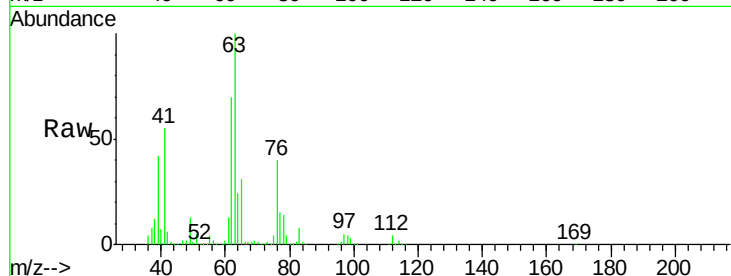




#45  
 1,2-Dichloropropane  
 Concen: 49.213 ug/l  
 RT: 9.22 min Scan# 1227  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

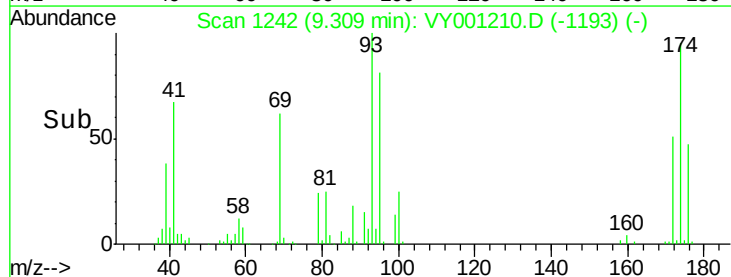
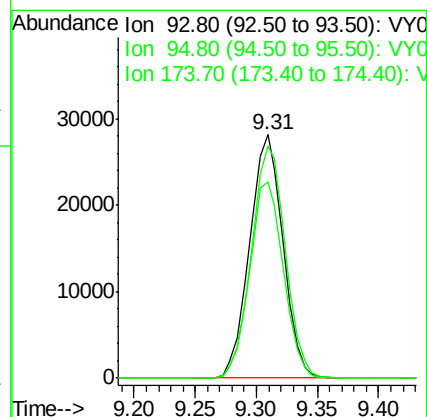
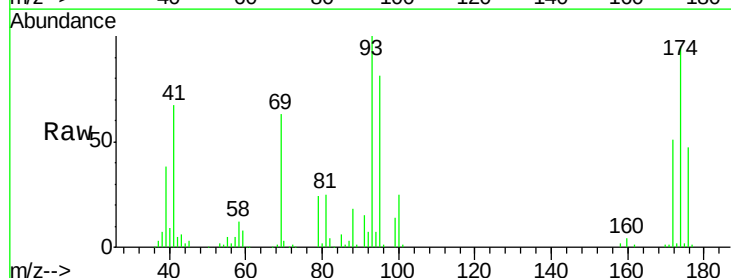
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

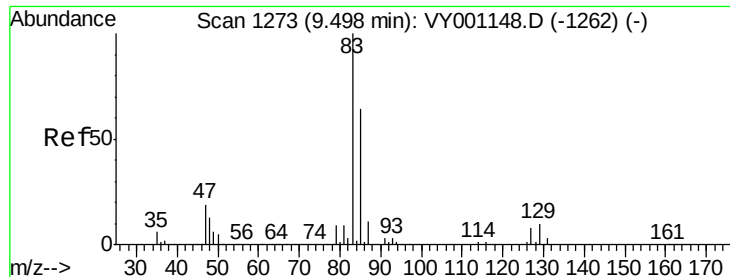
Tgt Ion: 63 Resp: 99823  
 Ion Ratio Lower Upper  
 63 100  
 65 30.5 25.8 38.8



#46  
 Dibromomethane  
 Concen: 48.281 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 93 Resp: 53434  
 Ion Ratio Lower Upper  
 93 100  
 95 82.1 66.8 100.2  
 174 97.0 78.4 117.6





#47

Bromodichloromethane

Concen: 46.980 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

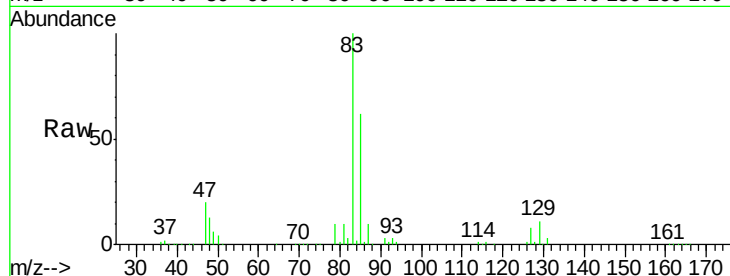
Tgt Ion: 83 Resp: 126713

Ion Ratio Lower Upper

83 100

85 62.4 51.5 77.3

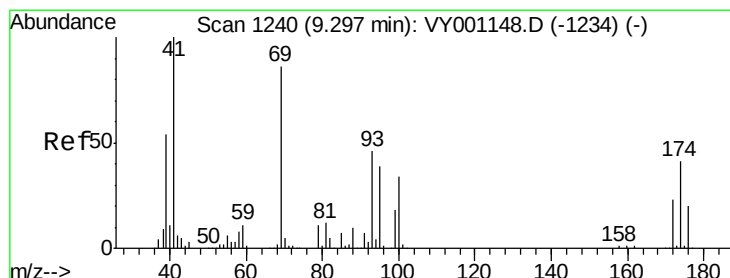
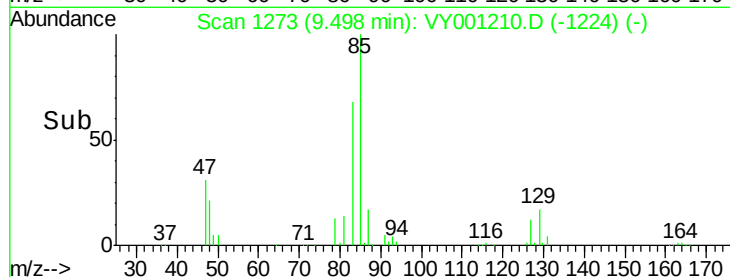
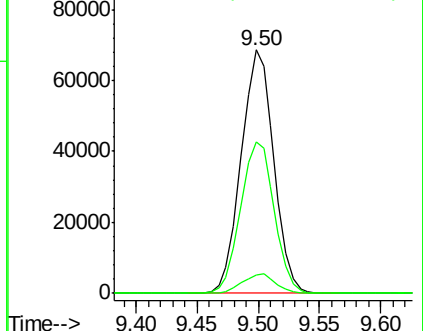
127 7.5 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.756 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

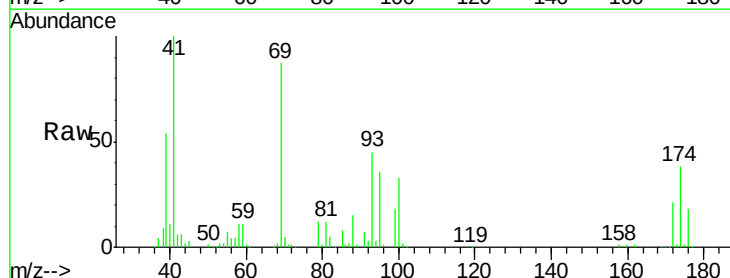
Tgt Ion: 41 Resp: 69708

Ion Ratio Lower Upper

41 100

69 89.6 69.8 104.8

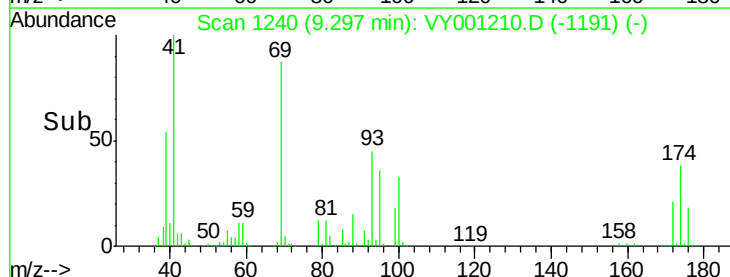
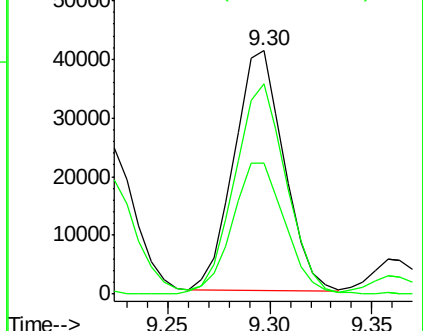
39 56.9 45.2 67.8

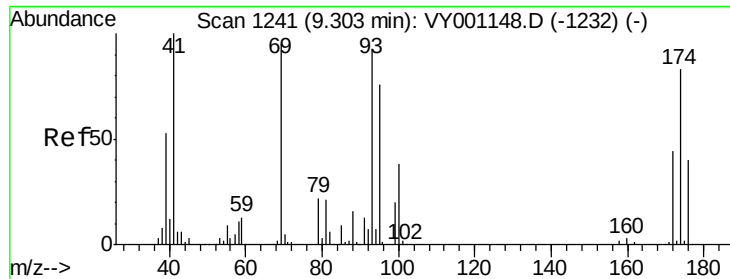


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

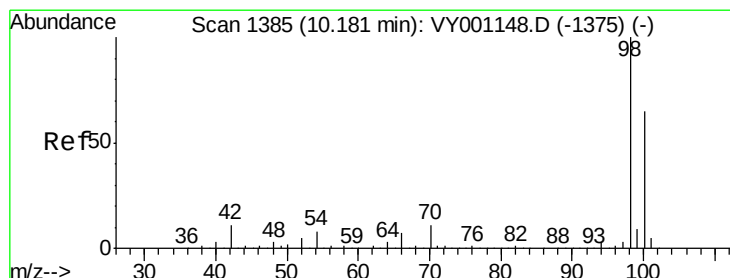
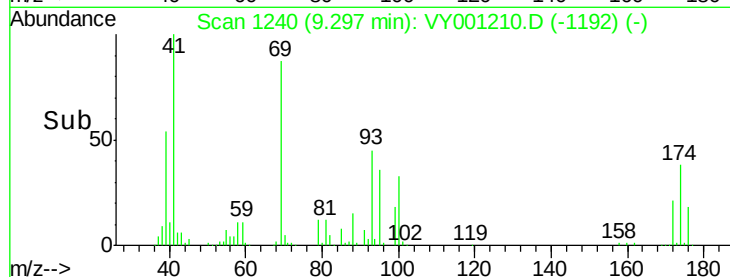
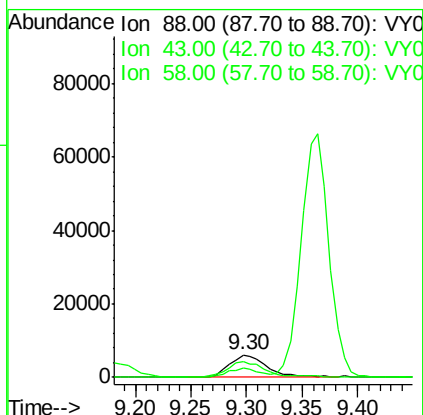
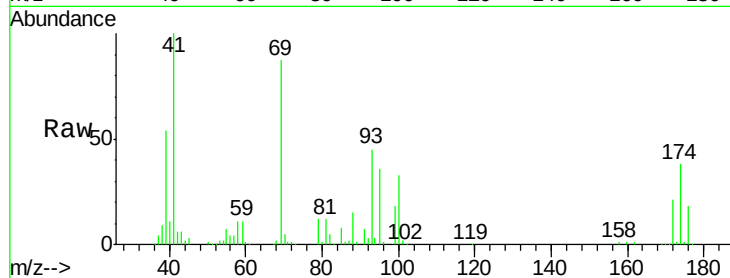




#49  
 1,4-Dioxane  
 Concen: 1069.082 ug/l  
 RT: 9.30 min Scan# 1240  
 Delta R.T. -0.01 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

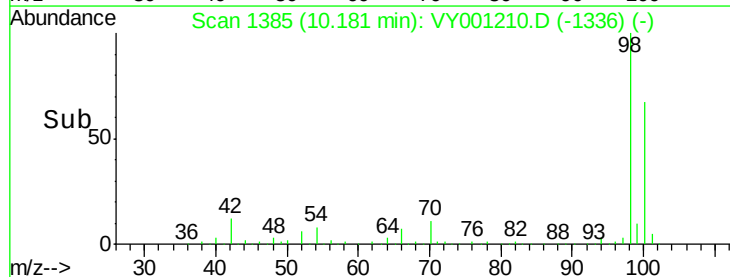
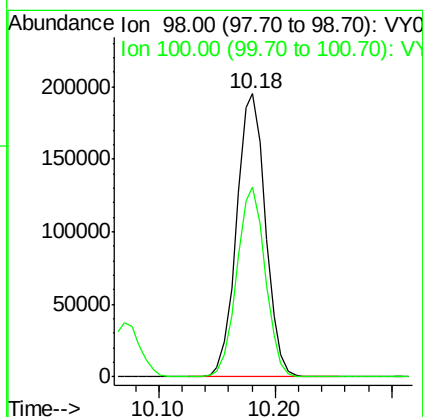
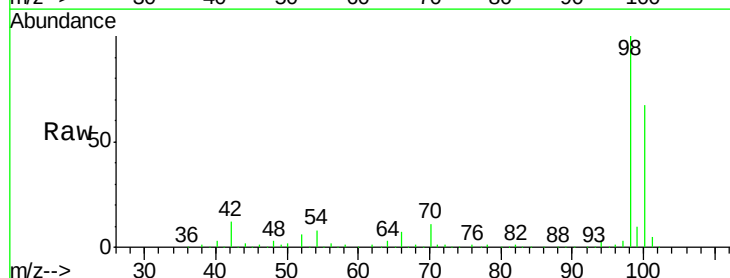
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

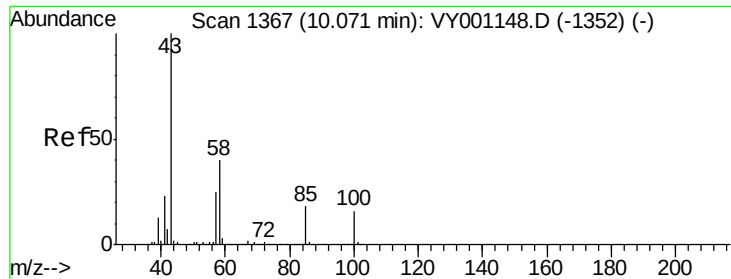
Tgt Ion: 88 Resp: 14409  
 Ion Ratio Lower Upper  
 88 100  
 43 32.7 22.4 33.6  
 58 74.7 58.0 87.0



#50  
 Toluene-d8  
 Concen: 48.472 ug/l  
 RT: 10.18 min Scan# 1385  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 98 Resp: 337231  
 Ion Ratio Lower Upper  
 98 100  
 100 66.0 53.1 79.7

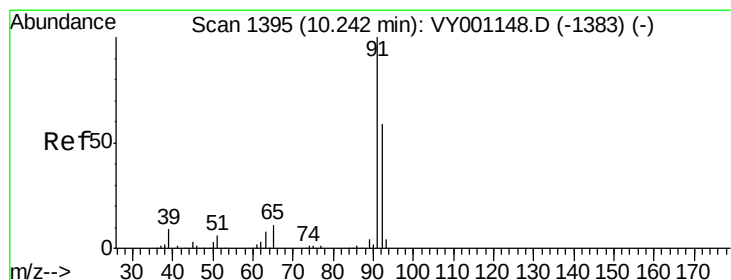
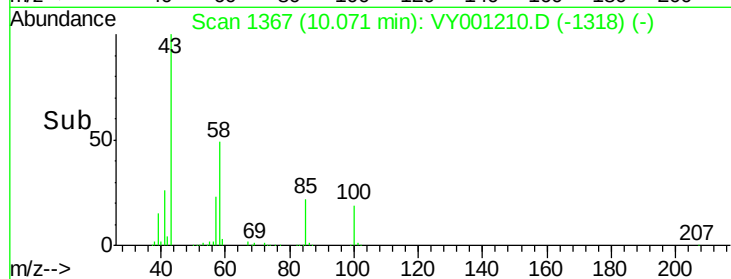
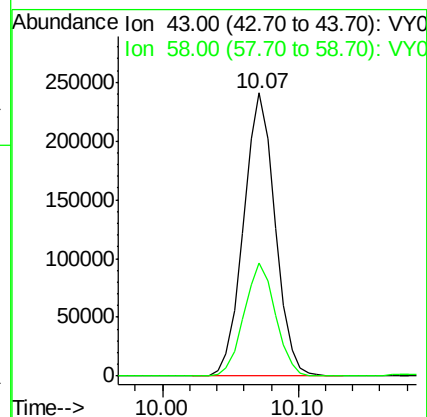
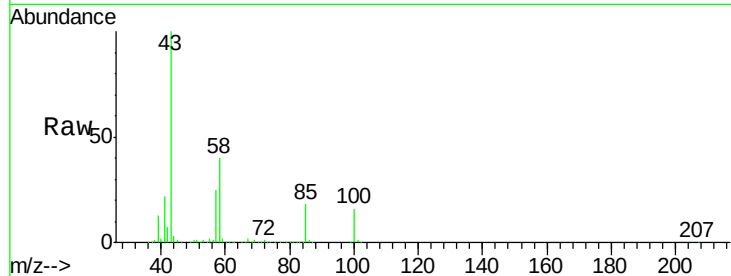




#51  
 4-Methyl-2-Pentanone  
 Concen: 243.089 ug/l  
 RT: 10.07 min Scan# 1367  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

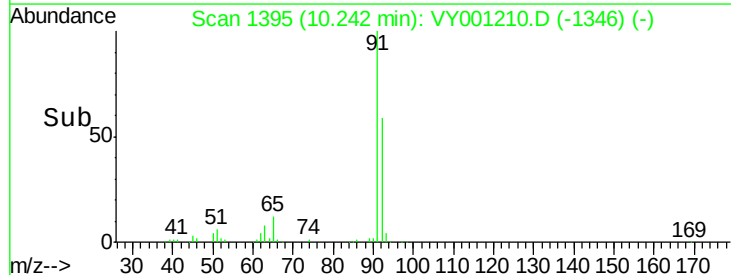
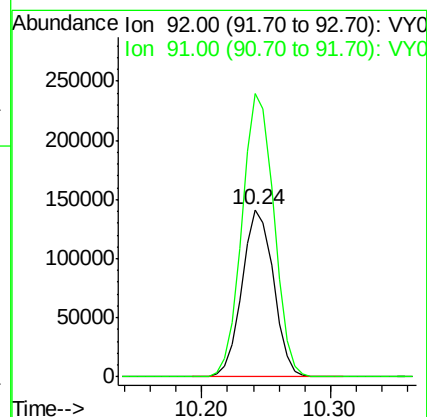
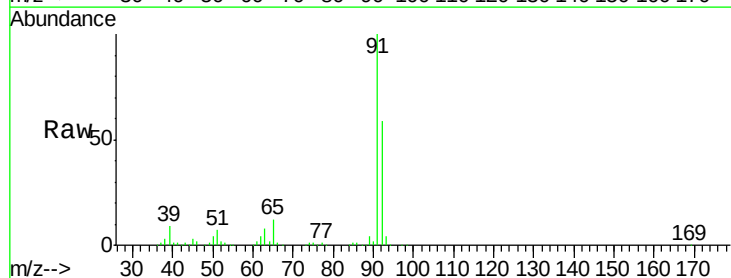
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 BW-1-3.0MS

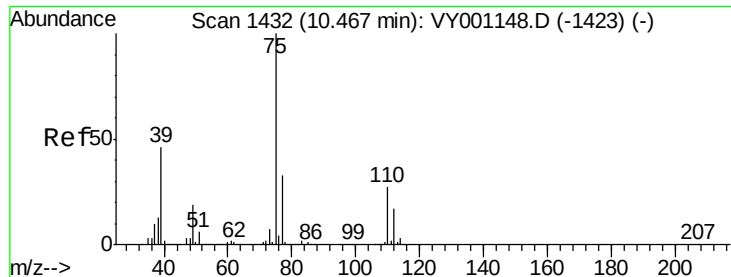
Tgt Ion: 43 Resp: 389069  
 Ion Ratio Lower Upper  
 43 100  
 58 40.1 32.3 48.5



#52  
 Toluene  
 Concen: 45.654 ug/l  
 RT: 10.24 min Scan# 1395  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 92 Resp: 238911  
 Ion Ratio Lower Upper  
 92 100  
 91 171.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 46.026 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

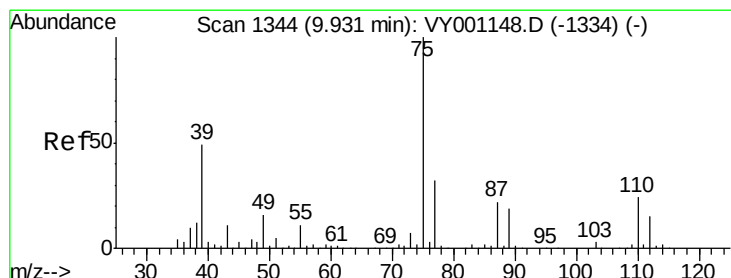
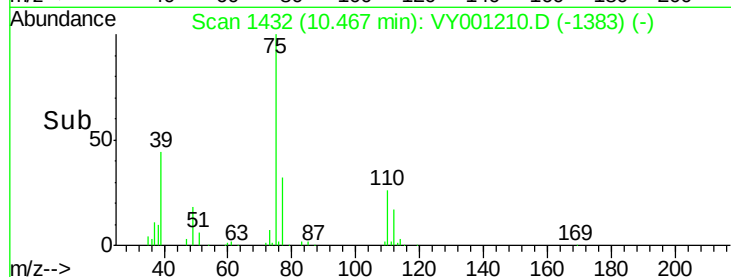
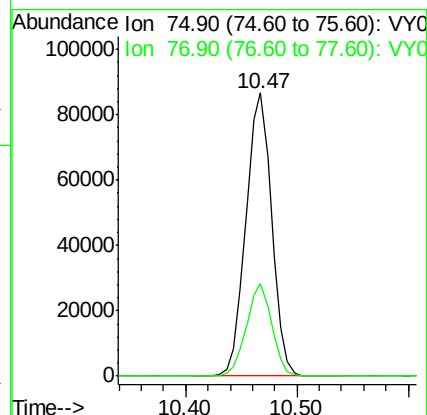
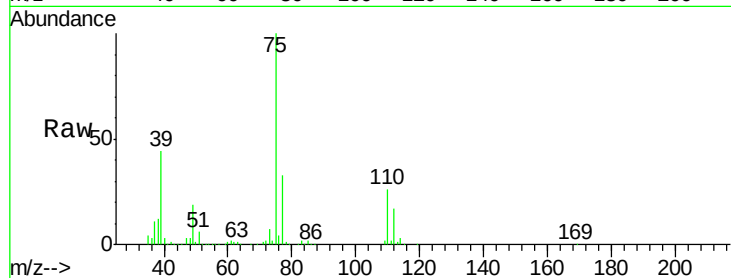
BW-1-3.0MS

Tgt Ion: 75 Resp: 138914

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 47.251 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

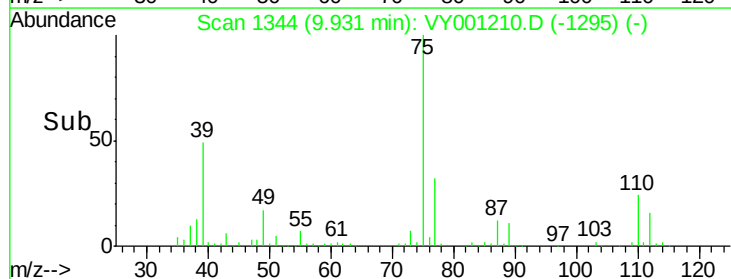
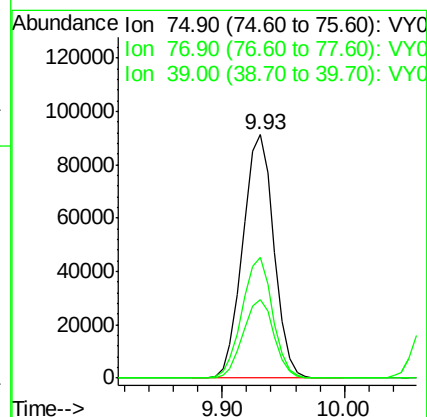
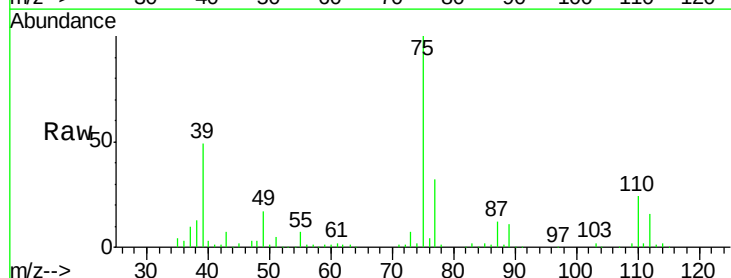
Tgt Ion: 75 Resp: 160787

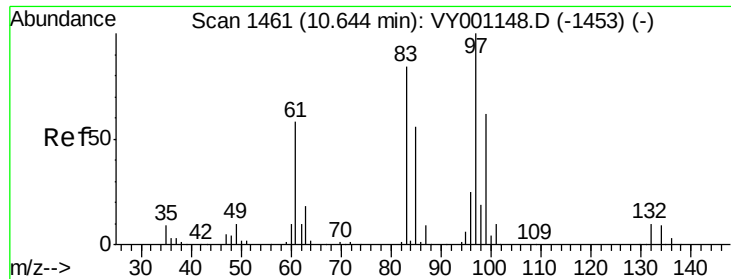
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 49.3 39.1 58.7

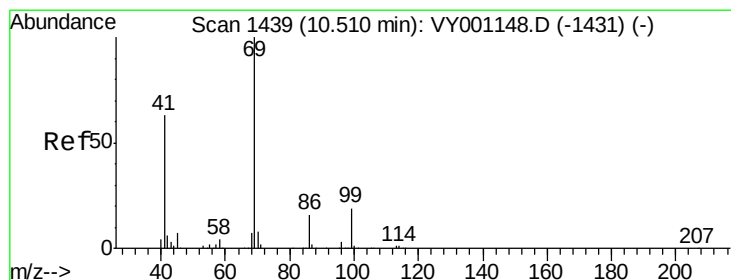
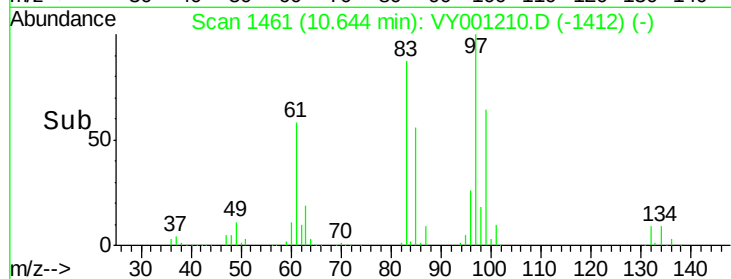
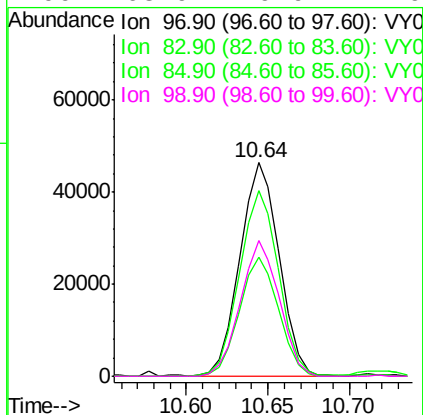
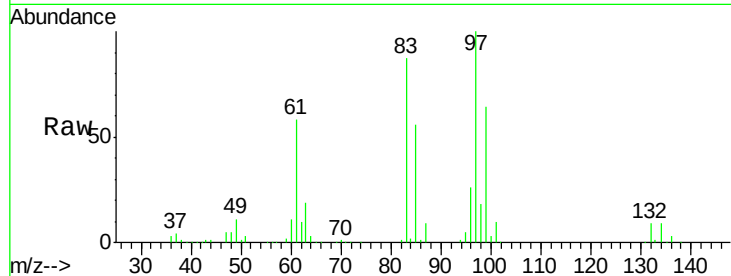




#55  
 1,1,2-Trichloroethane  
 Concen: 47.138 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

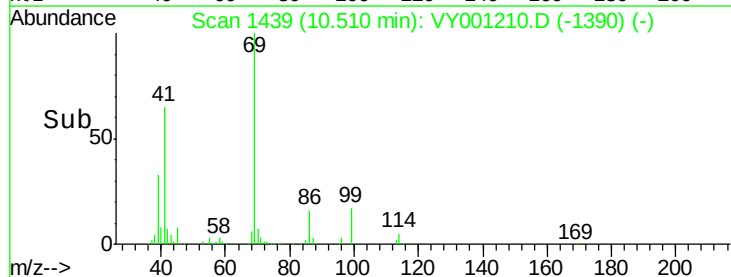
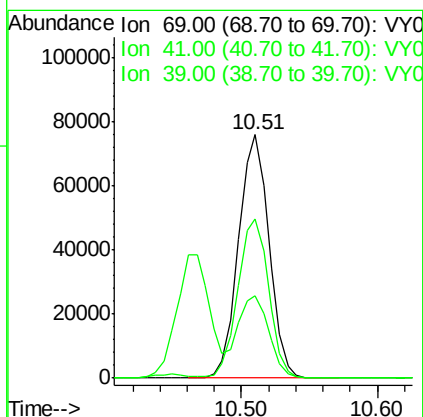
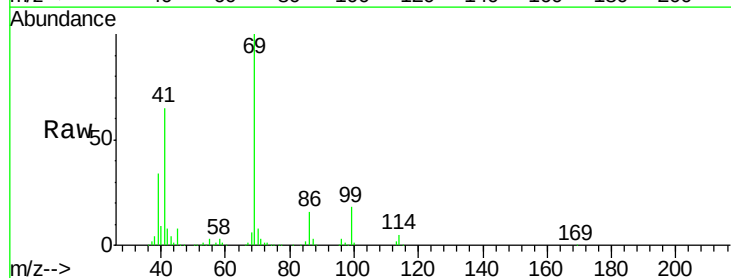
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

Tgt Ion: 97 Resp: 77340  
 Ion Ratio Lower Upper  
 97 100  
 83 87.3 67.2 100.8  
 85 55.7 44.9 67.3  
 99 63.9 49.9 74.9

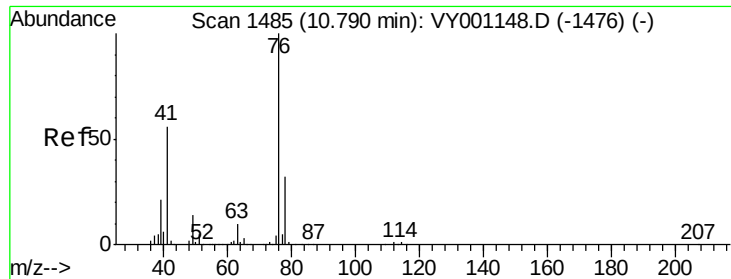


#56  
 Ethyl methacrylate  
 Concen: 47.189 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 69 Resp: 118433  
 Ion Ratio Lower Upper  
 69 100  
 41 65.8 51.4 77.2  
 39 35.2 26.3 39.5







#57

1,3-Dichloropropane

Concen: 48.157 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

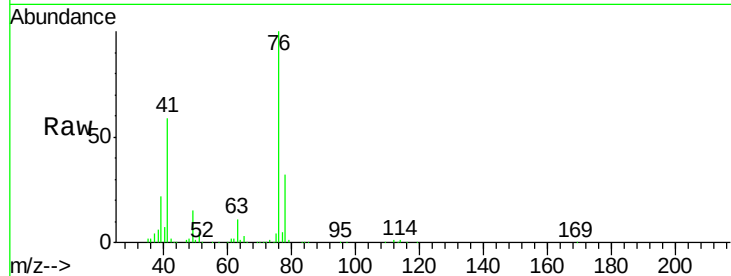
BW-1-3.0MS

Tgt Ion: 76 Resp: 135643

Ion Ratio Lower Upper

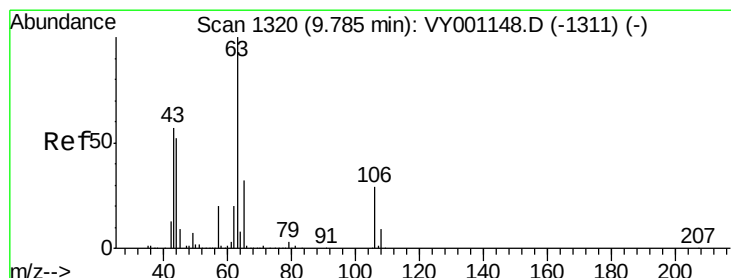
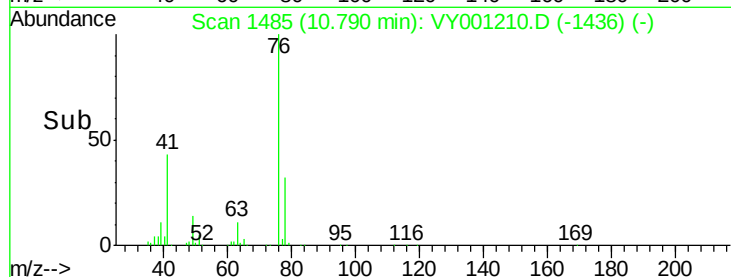
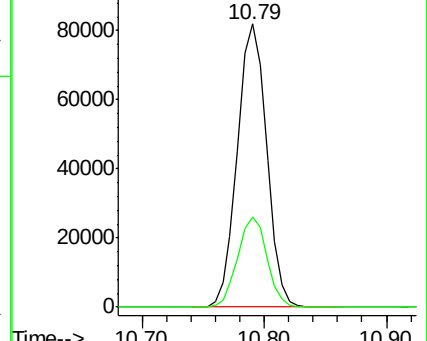
76 100

78 31.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 224.167 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY001210.D

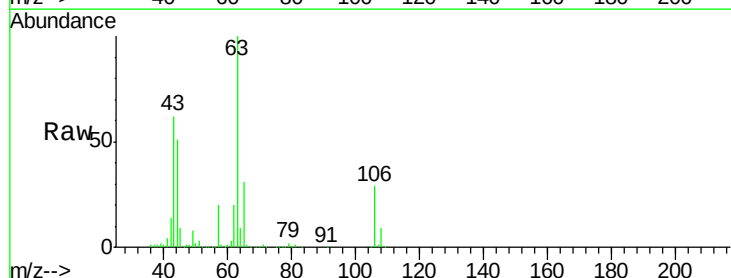
Acq: 15 Jan 2020 12:21

Tgt Ion: 63 Resp: 197874

Ion Ratio Lower Upper

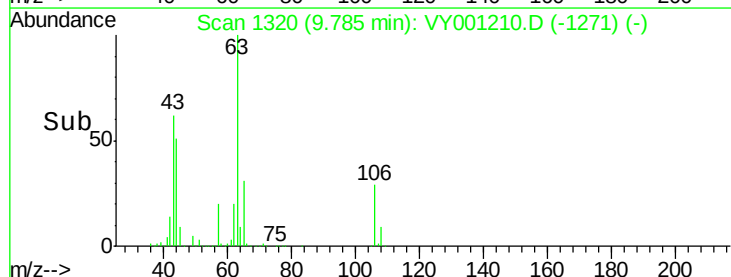
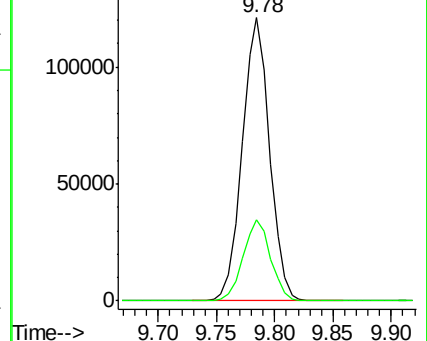
63 100

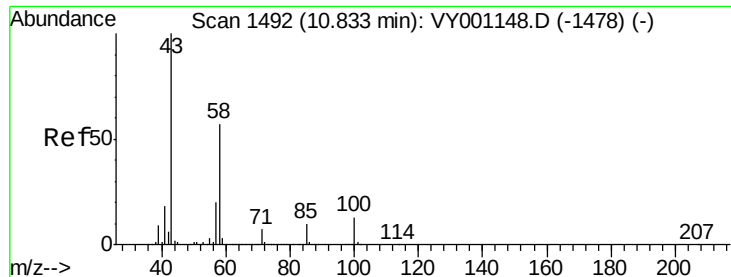
106 28.6 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

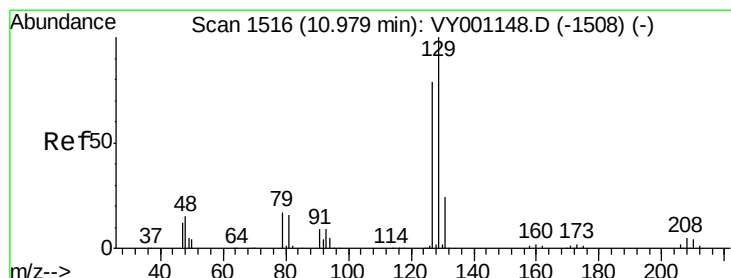
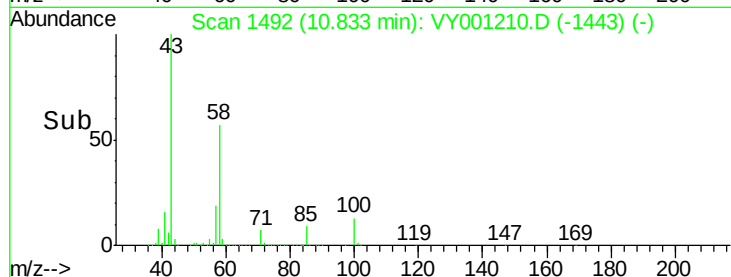
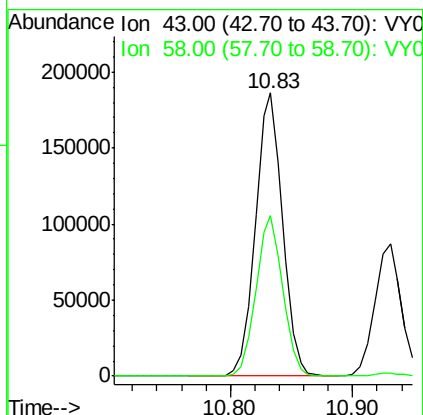
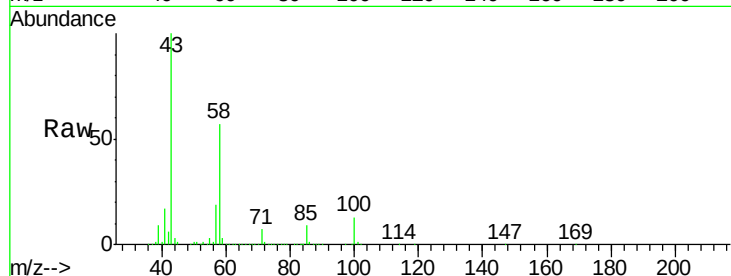




#59  
2-Hexanone  
Concen: 256.297 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

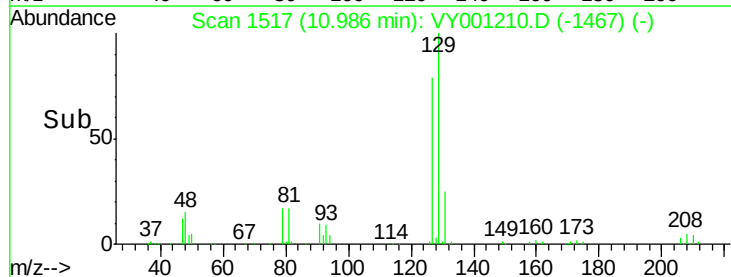
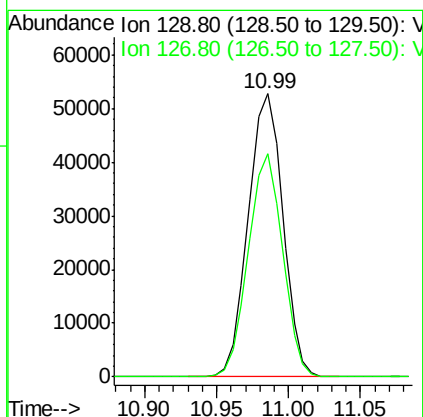
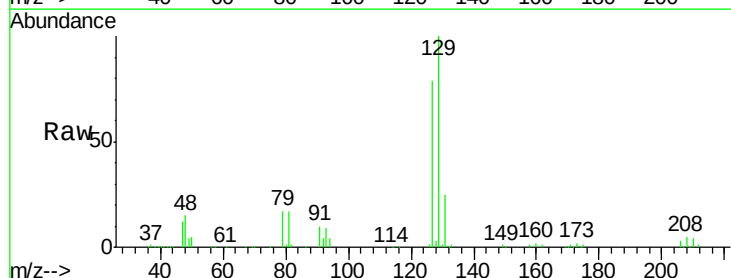
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

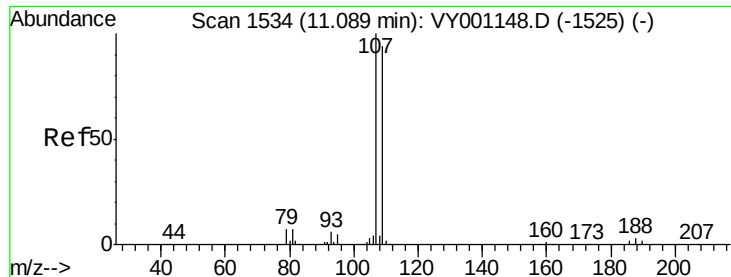
Tgt Ion: 43 Resp: 287488  
Ion Ratio Lower Upper  
43 100  
58 55.9 28.4 85.2



#60  
Dibromochloromethane  
Concen: 46.607 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. 0.01 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 129 Resp: 88044  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.9 116.7

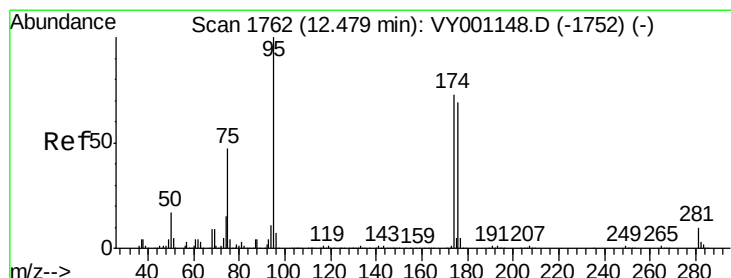
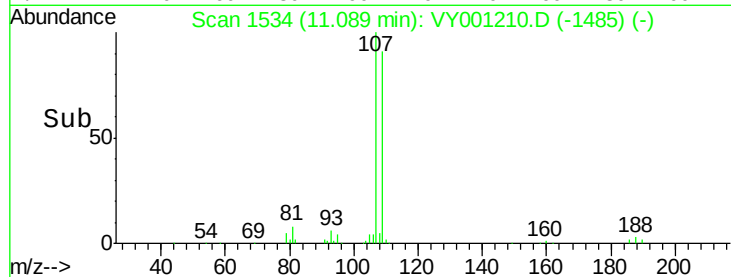
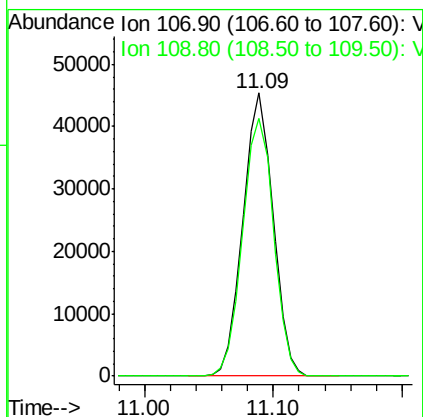
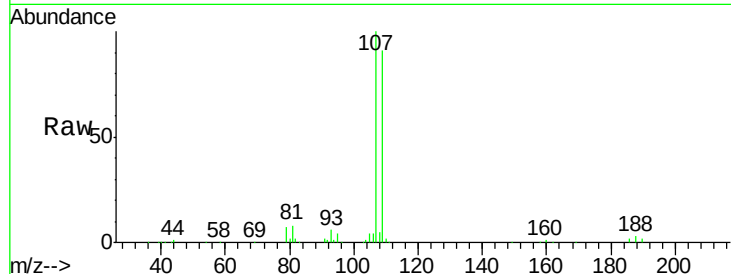




#61  
 1,2-Dibromoethane  
 Concen: 45.890 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

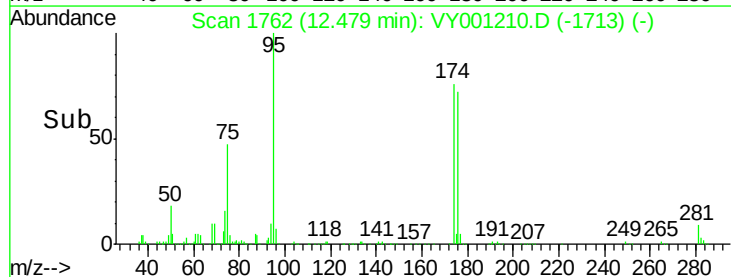
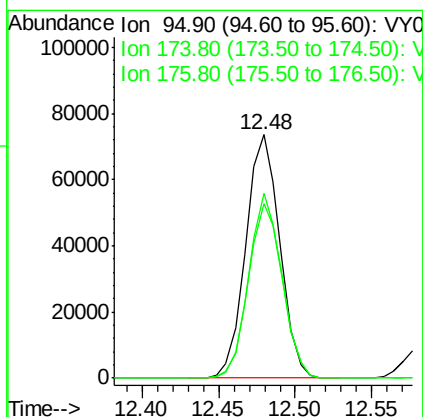
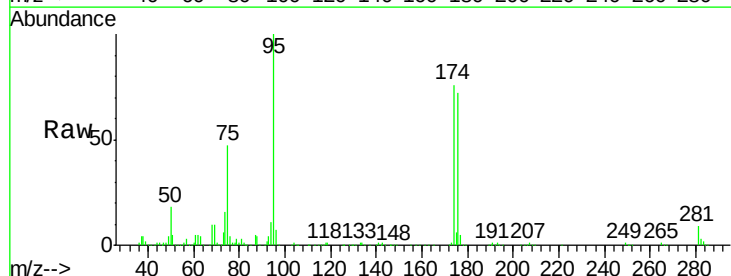
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

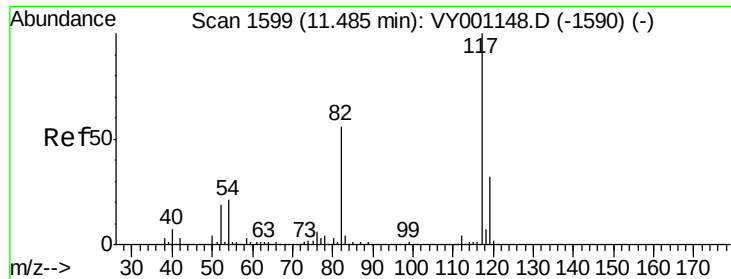
Tgt Ion: 107 Resp: 73519  
 Ion Ratio Lower Upper  
 107 100  
 109 93.7 75.4 113.0



#62  
 4-Bromofluorobenzene  
 Concen: 39.908 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 95 Resp: 113513  
 Ion Ratio Lower Upper  
 95 100  
 174 73.8 0.0 143.2  
 176 71.9 0.0 136.0

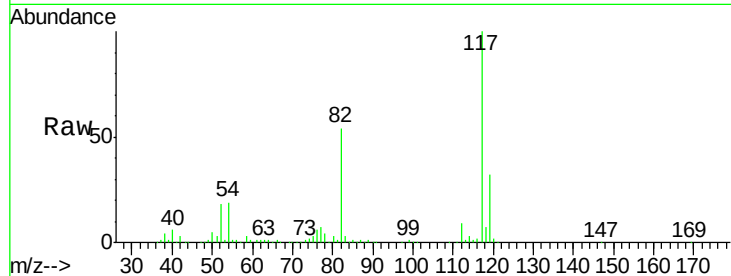




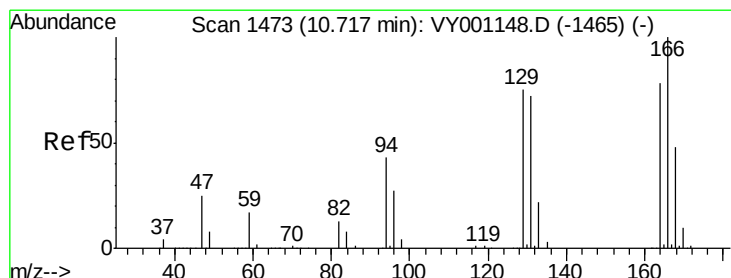
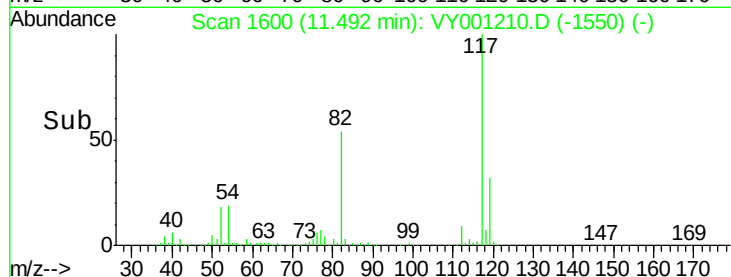
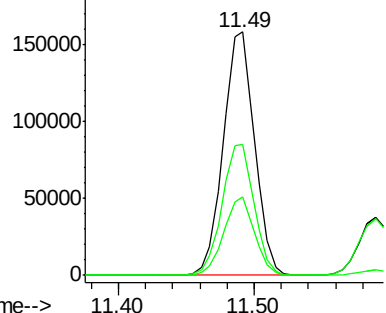
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. 0.01 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

Tgt Ion:117 Resp: 256172  
Ion Ratio Lower Upper  
117 100  
82 54.0 44.9 67.3  
119 32.0 25.7 38.5

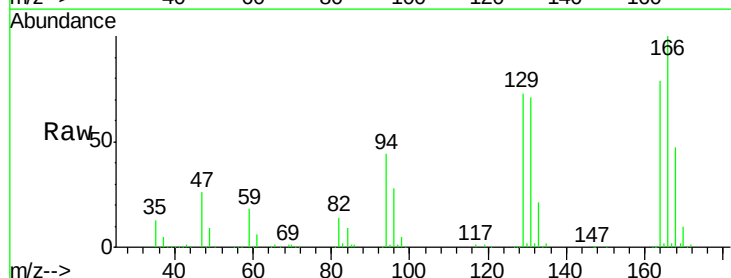


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

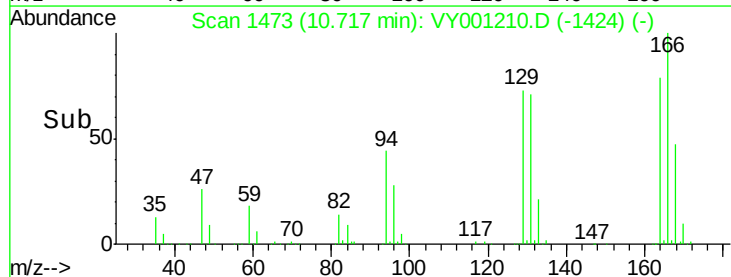
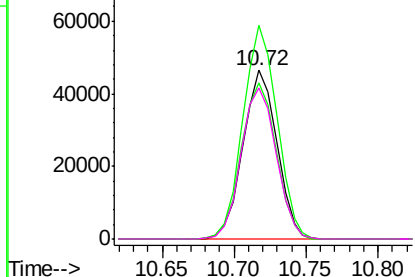


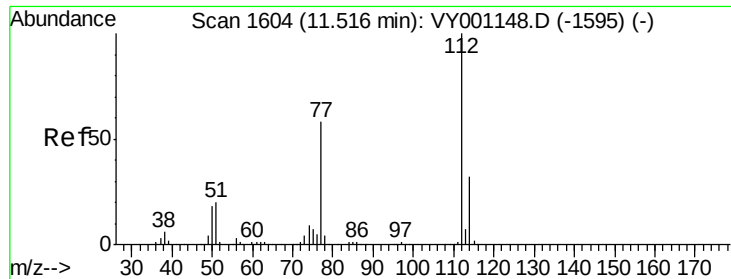
#64  
Tetrachloroethene  
Concen: 45.864 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion:164 Resp: 75737  
Ion Ratio Lower Upper  
164 100  
166 126.7 102.3 153.5  
129 92.9 76.2 114.4  
131 90.0 73.9 110.9



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

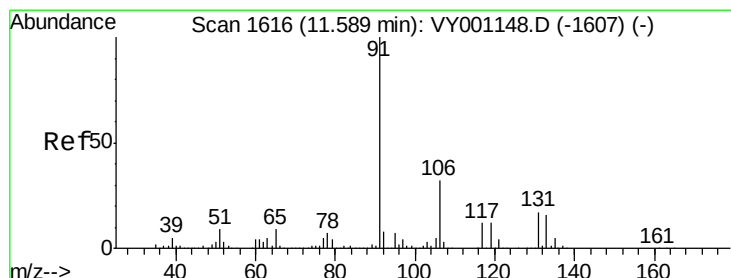
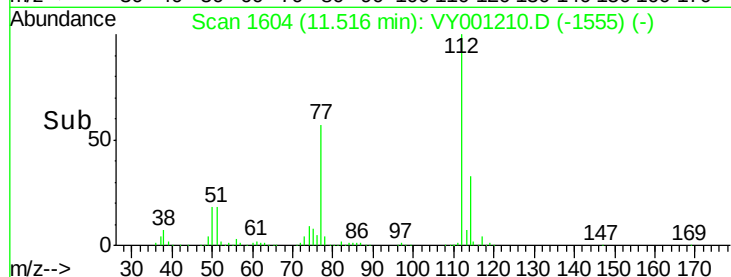
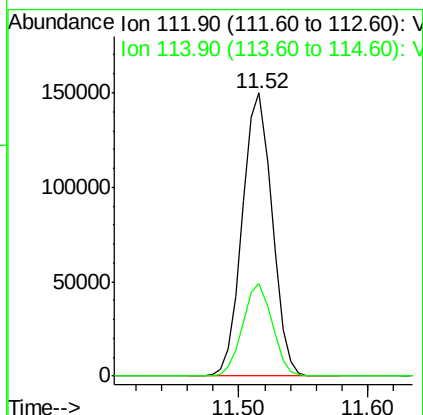
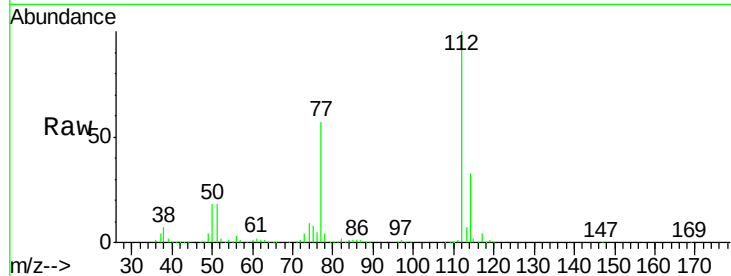




#65  
Chlorobenzene  
Concen: 46.737 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

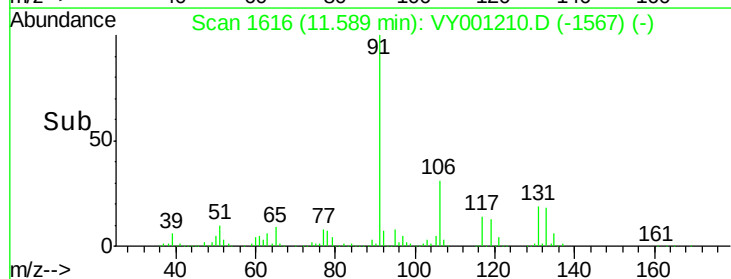
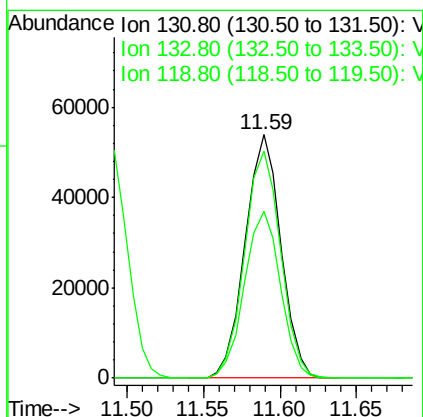
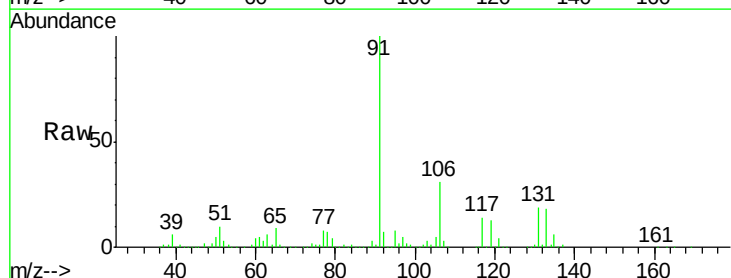
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

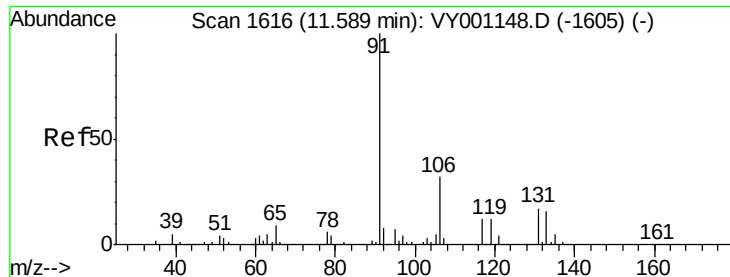
Tgt Ion:112 Resp: 239235  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.667 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion:131 Resp: 87622  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.3 142.0  
119 69.2 33.6 100.8

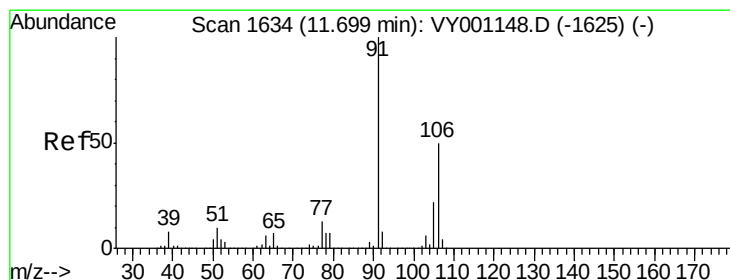
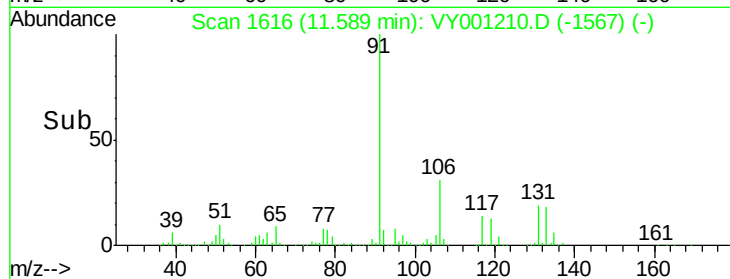
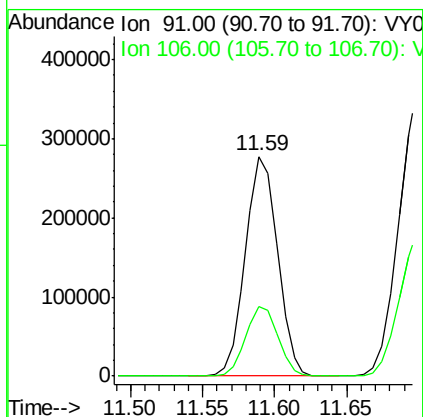
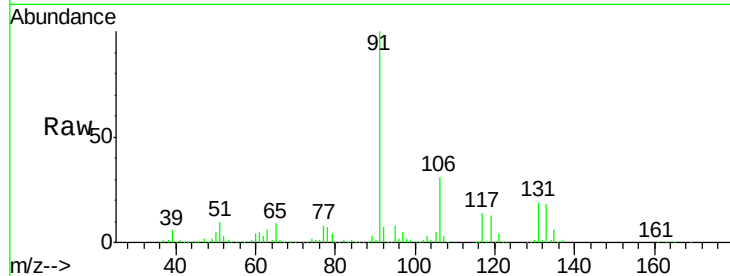




#67  
Ethyl Benzene  
Concen: 45.935 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

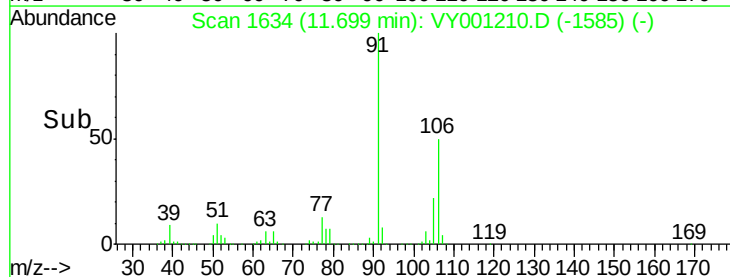
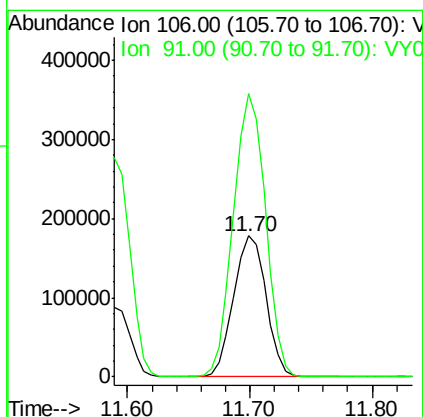
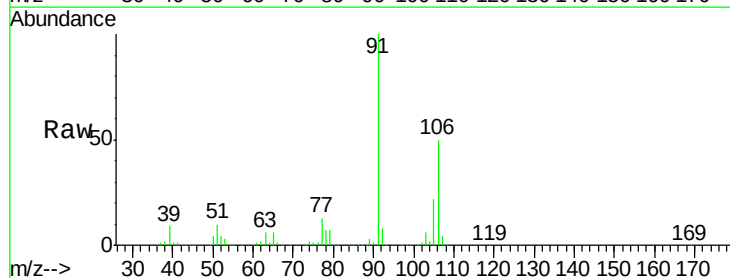
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

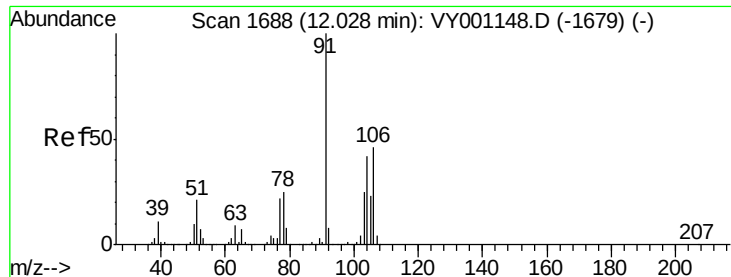
Tgt Ion: 91 Resp: 430126  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.3 37.9



#68  
m/p-Xylenes  
Concen: 92.636 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 106 Resp: 327216  
Ion Ratio Lower Upper  
106 100  
91 199.6 161.4 242.2

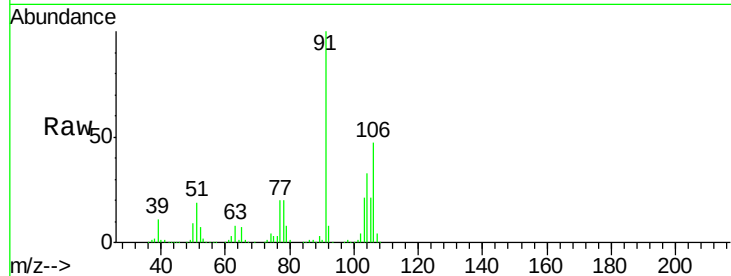




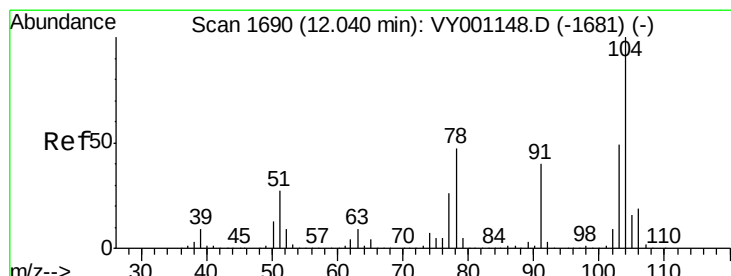
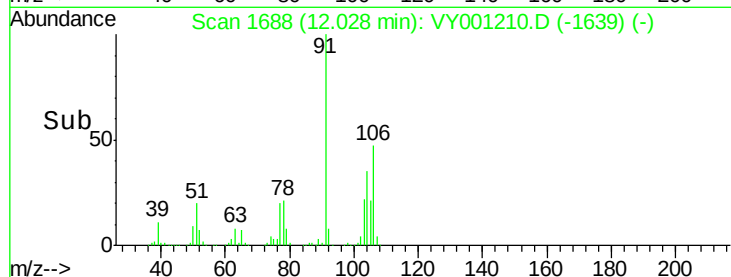
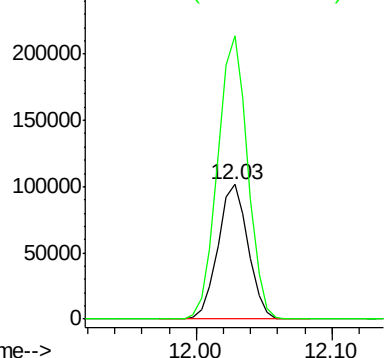
#69  
o-Xylene  
Concen: 46.691 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

Tgt Ion:106 Resp: 158128  
Ion Ratio Lower Upper  
106 100  
91 209.5 106.3 318.8

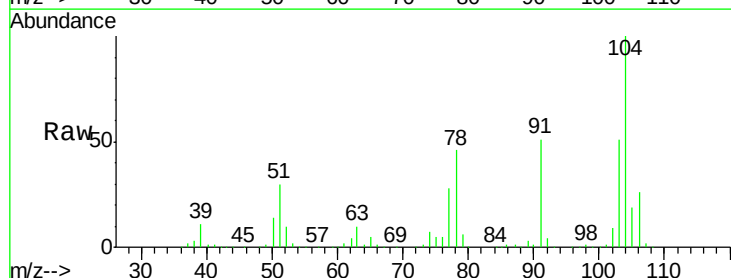


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

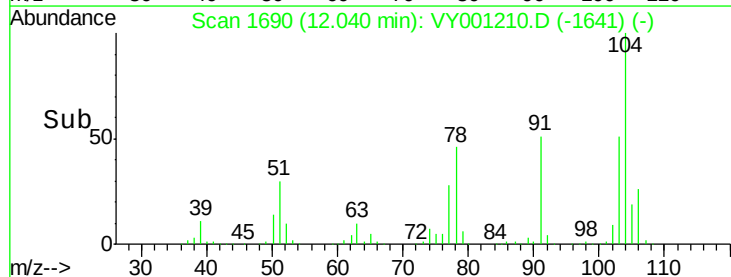
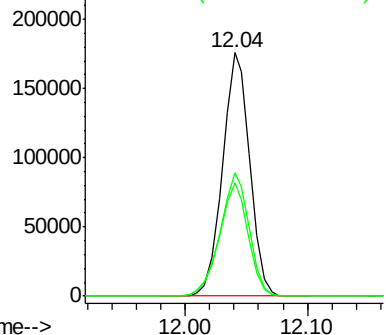


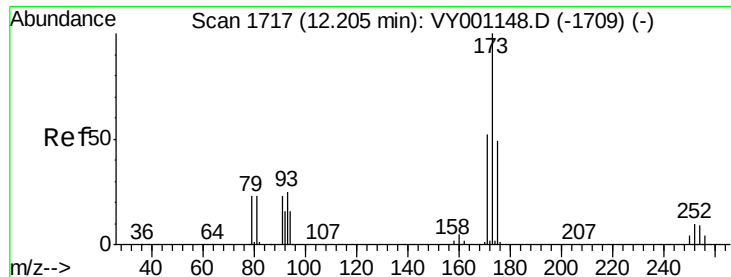
#70  
Styrene  
Concen: 45.738 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion:104 Resp: 271786  
Ion Ratio Lower Upper  
104 100  
78 49.4 40.5 60.7  
103 53.7 42.4 63.6



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





#71

Bromoform

Concen: 47.840 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

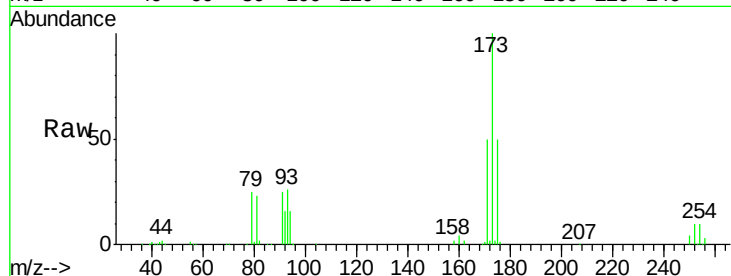
Tgt Ion:173 Resp: 52049

Ion Ratio Lower Upper

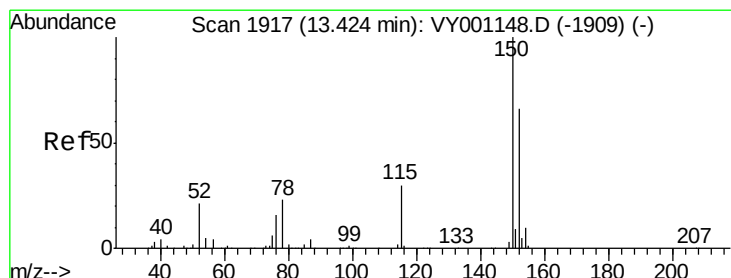
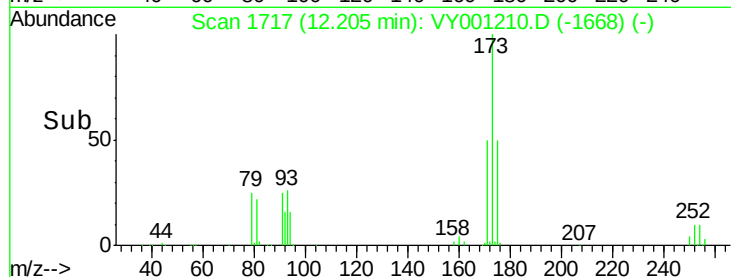
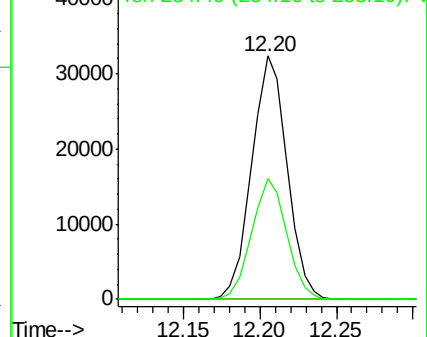
173 100

175 49.1 24.1 72.2

254 0.1 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: VY001210.D

Acq: 15 Jan 2020 12:21

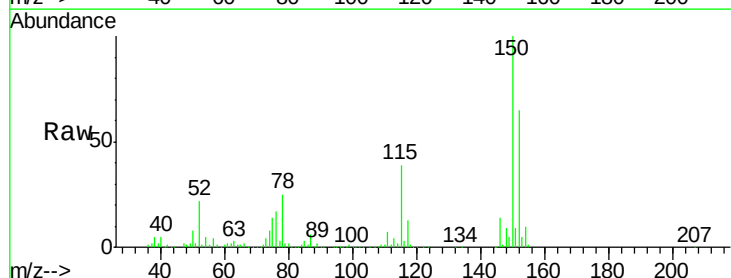
Tgt Ion:152 Resp: 101140

Ion Ratio Lower Upper

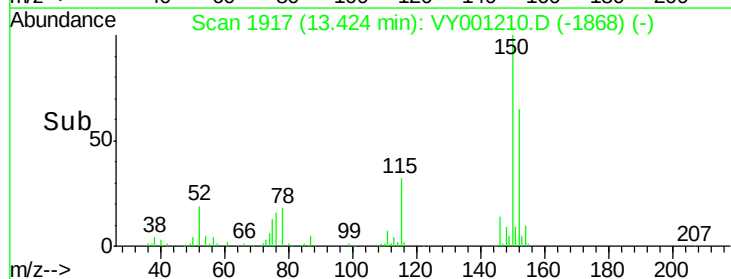
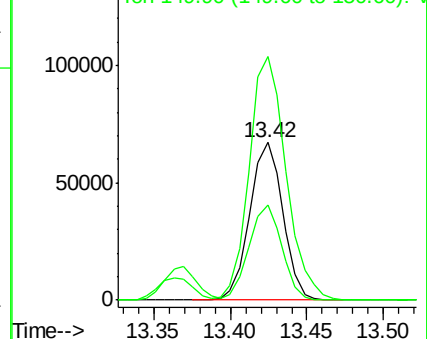
152 100

115 60.0 30.9 92.5

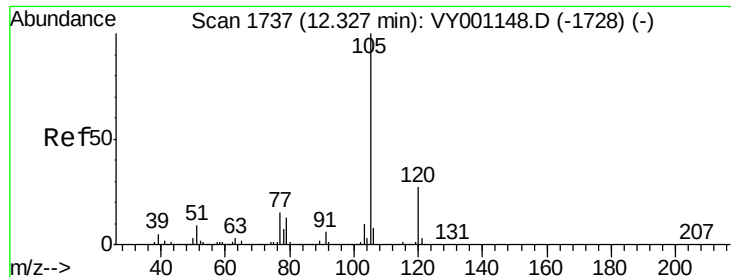
150 171.8 0.0 346.8



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



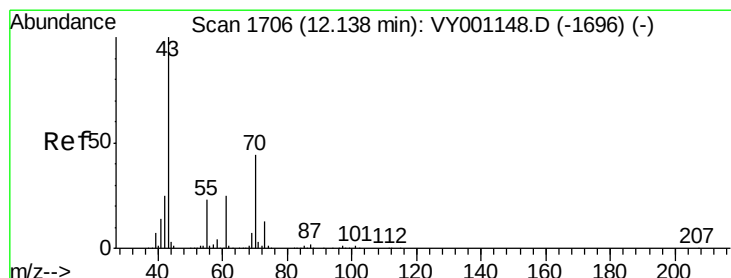
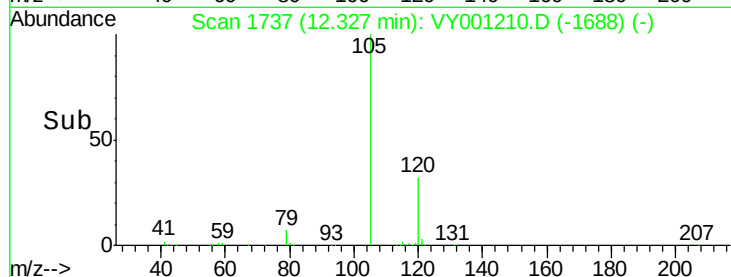
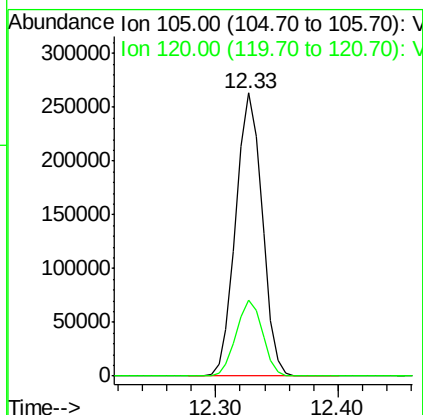
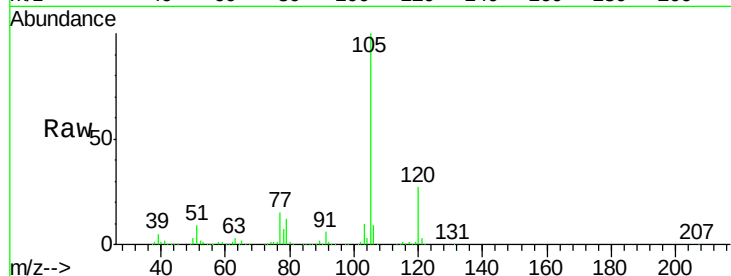




#73  
Isopropylbenzene  
Concen: 51.769 ug/l  
RT: 12.33 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

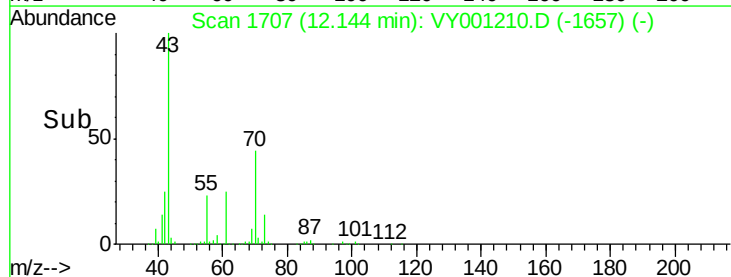
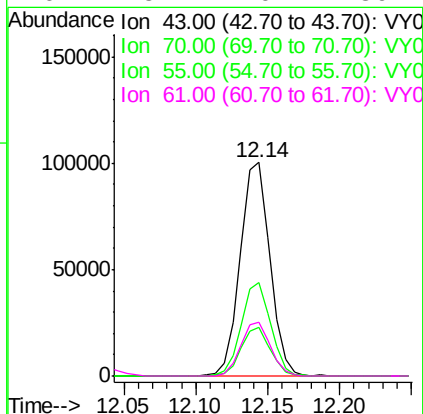
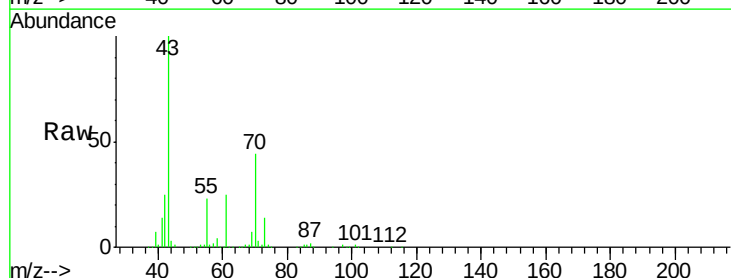
Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

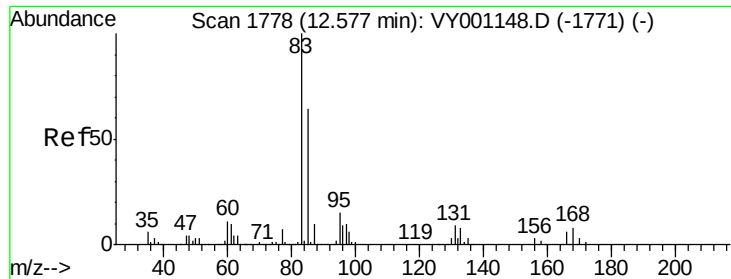
Tgt Ion: 105 Resp: 393623  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.4 40.2



#74  
N-ethyl acetate  
Concen: 60.233 ug/l  
RT: 12.14 min Scan# 1707  
Delta R.T. 0.01 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 43 Resp: 142927  
Ion Ratio Lower Upper  
43 100  
70 43.2 35.0 52.6  
55 22.6 18.4 27.6  
61 25.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 58.361 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

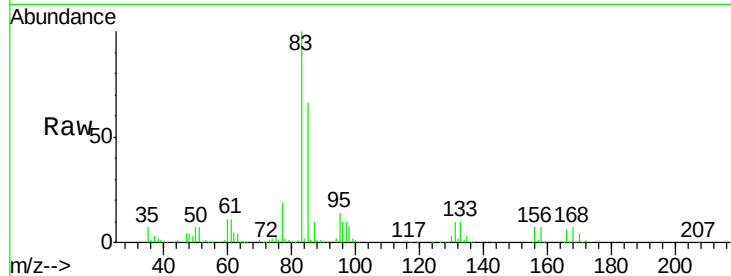
Tgt Ion: 83 Resp: 93361

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

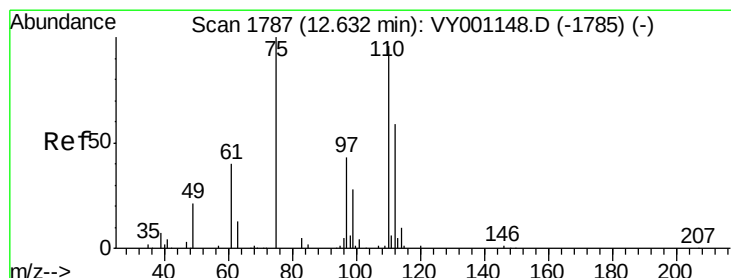
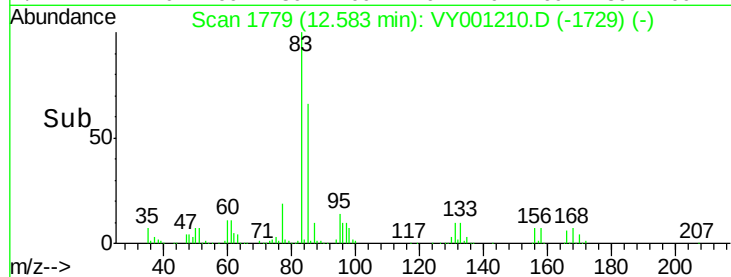
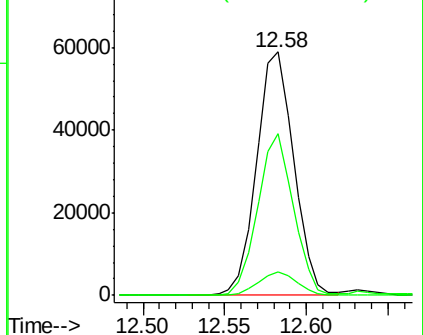
85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VY001210.D (-1778) (-)

Ion 130.80 (130.50 to 131.50): VY001210.D (-1778) (-)

Ion 84.90 (84.60 to 85.60): VY001210.D (-1778) (-)



#76

1,2,3-Trichloropropane

Concen: 111.611 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY001210.D

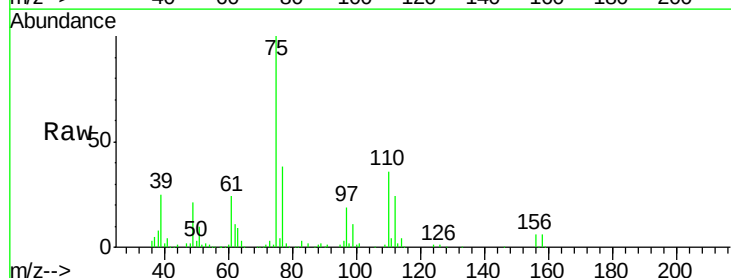
Acq: 15 Jan 2020 12:21

Tgt Ion: 75 Resp: 120843

Ion Ratio Lower Upper

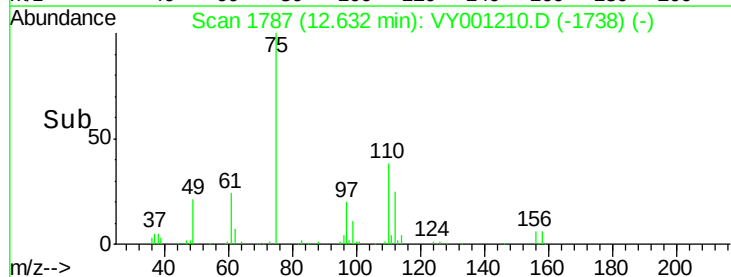
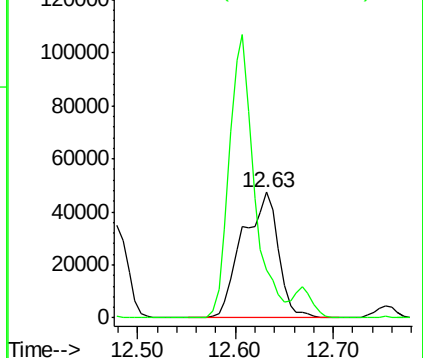
75 100

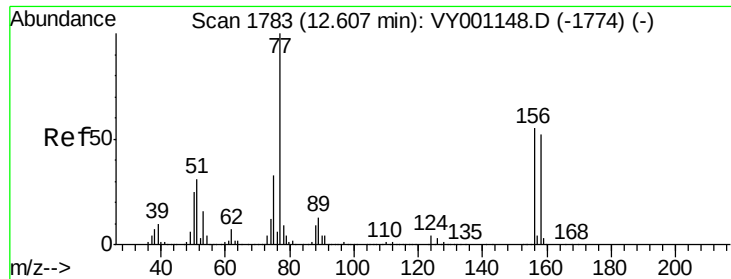
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001210.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY001210.D (-1787) (-)





#77

Bromobenzene

Concen: 53.632 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

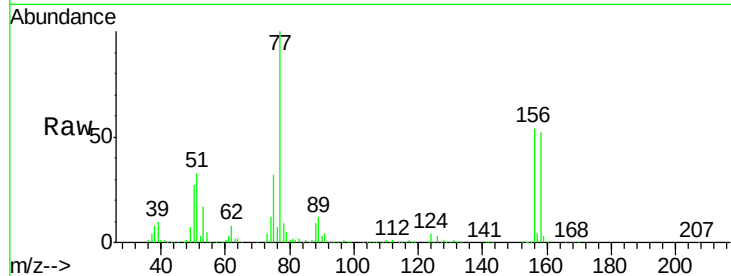
Tgt Ion:156 Resp: 90107

Ion Ratio Lower Upper

156 100

77 209.8 106.7 320.1

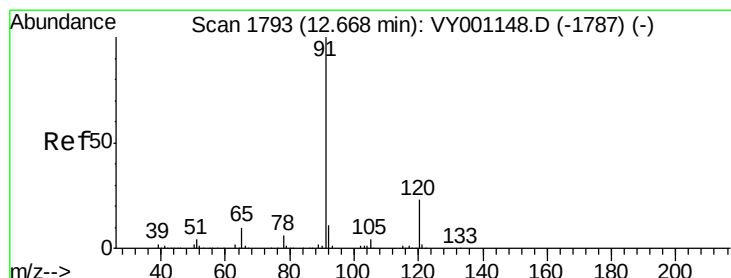
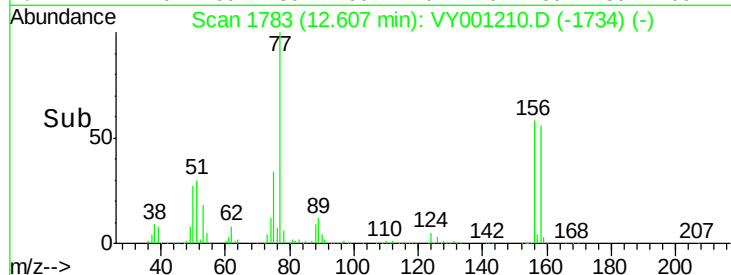
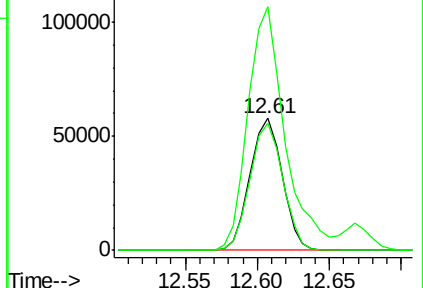
158 97.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.444 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001210.D

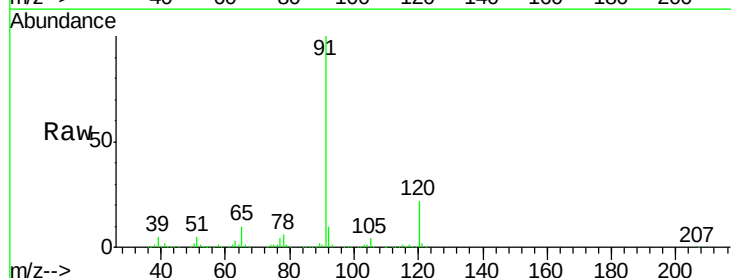
Acq: 15 Jan 2020 12:21

Tgt Ion: 91 Resp: 443056

Ion Ratio Lower Upper

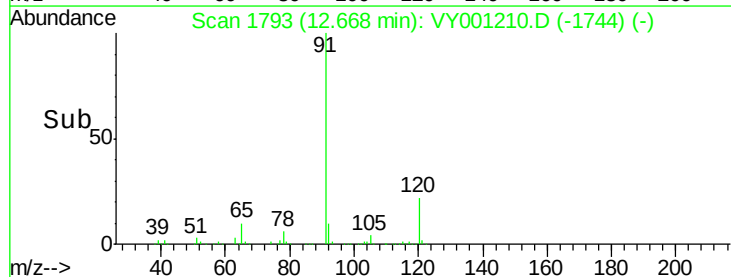
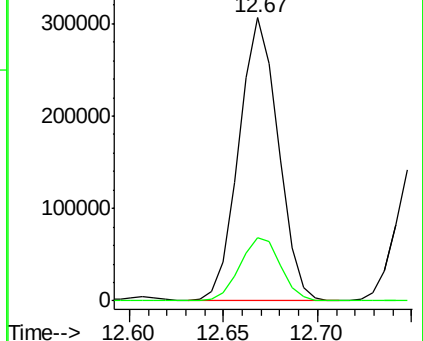
91 100

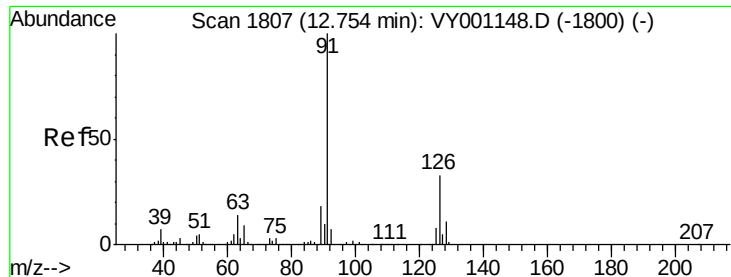
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

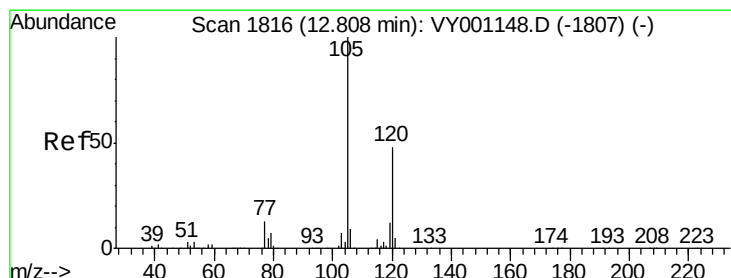
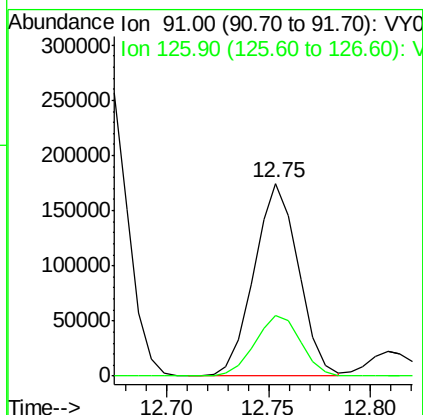
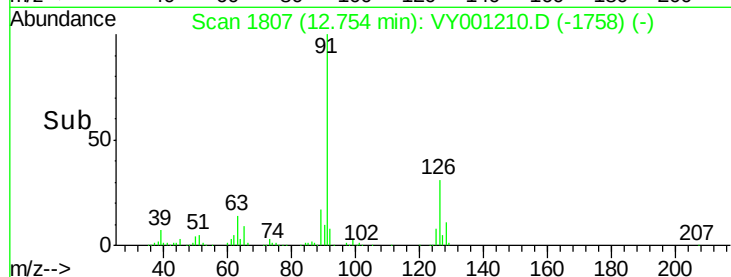
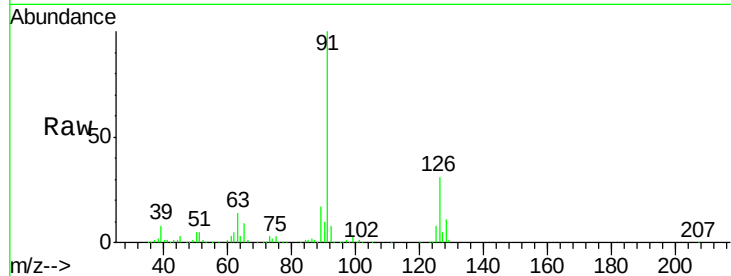




#79  
 2-Chlorotoluene  
 Concen: 50.328 ug/l  
 RT: 12.75 min Scan# 1807  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

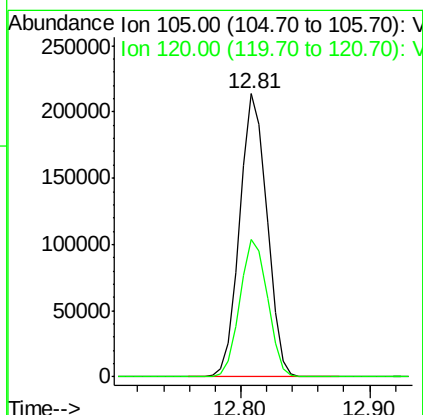
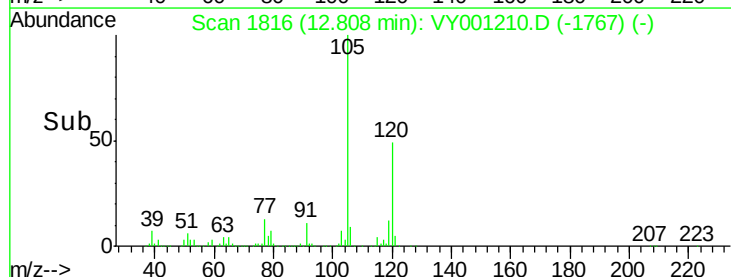
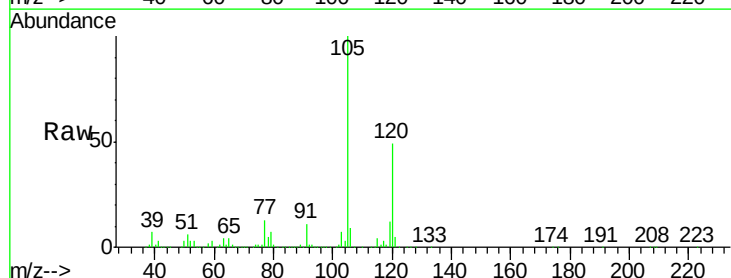
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

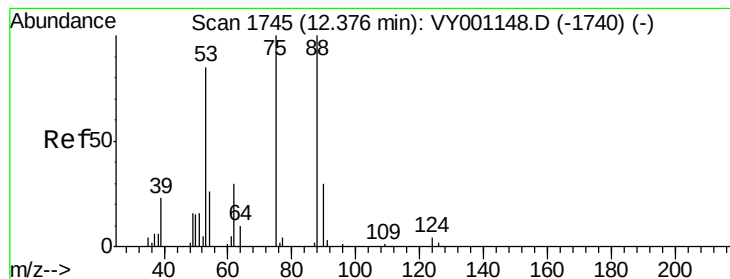
Tgt Ion: 91 Resp: 264344  
 Ion Ratio Lower Upper  
 91 100  
 126 32.6 16.4 49.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.399 ug/l  
 RT: 12.81 min Scan# 1816  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 105 Resp: 313390  
 Ion Ratio Lower Upper  
 105 100  
 120 49.3 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 56.806 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

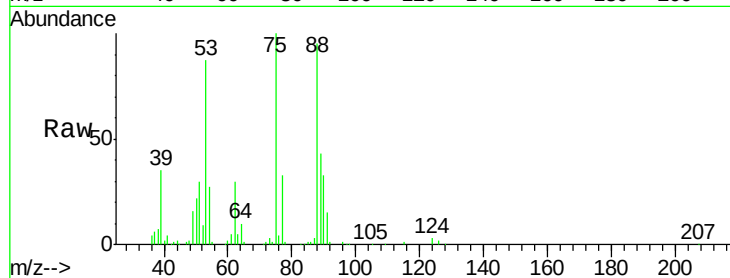
Tgt Ion: 75 Resp: 36269

Ion Ratio Lower Upper

75 100

53 85.6 69.4 104.2

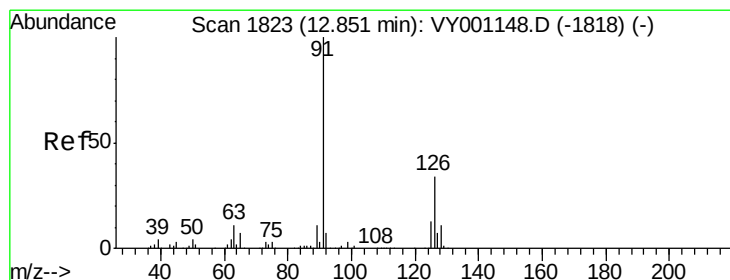
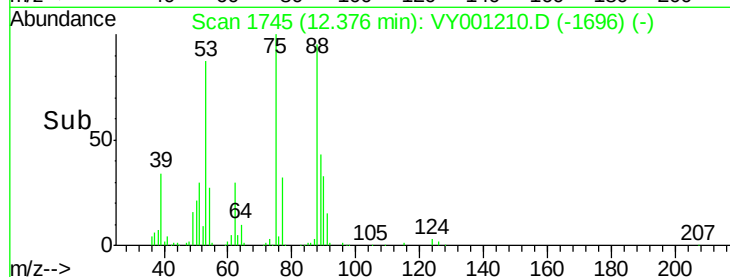
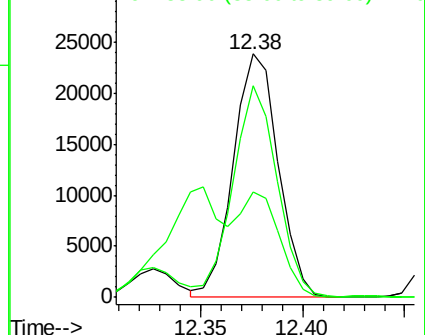
89 39.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.478 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY001210.D

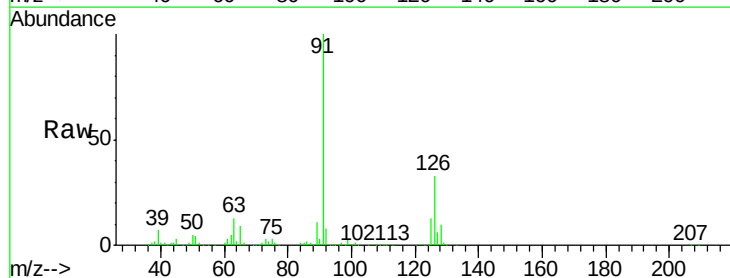
Acq: 15 Jan 2020 12:21

Tgt Ion: 91 Resp: 271836

Ion Ratio Lower Upper

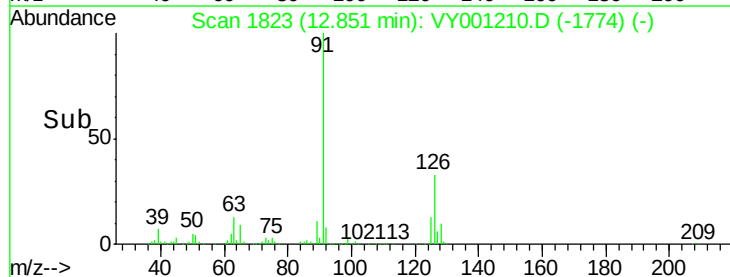
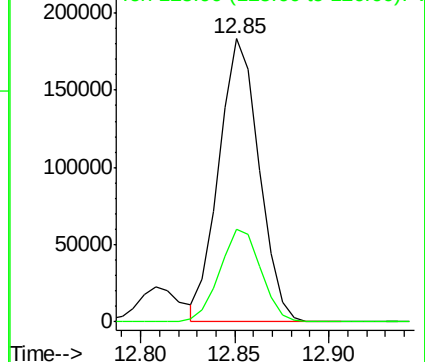
91 100

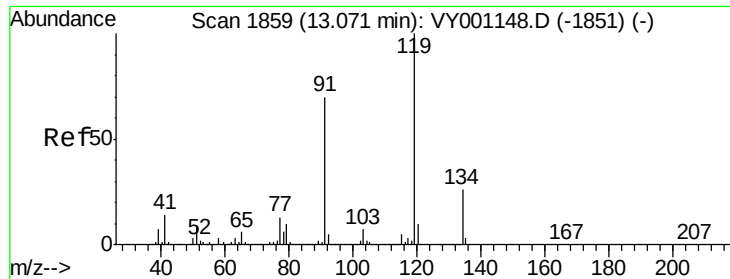
126 33.6 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

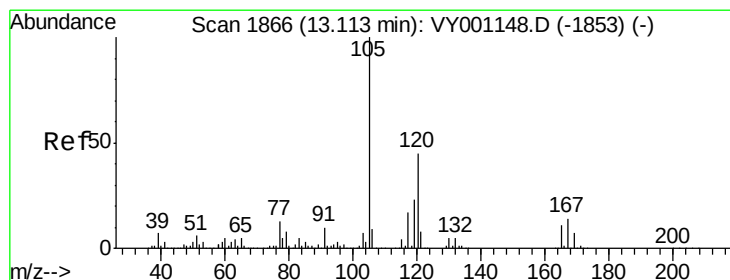
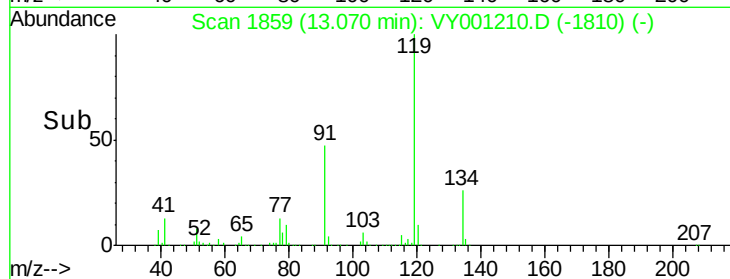
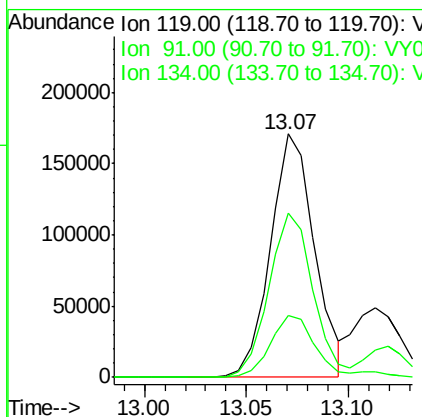
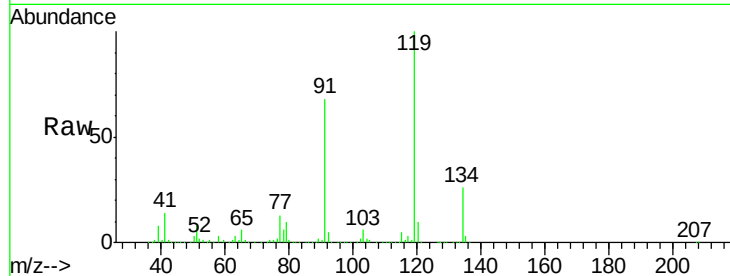




#83  
 tert-Butylbenzene  
 Concen: 48.206 ug/l  
 RT: 13.07 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

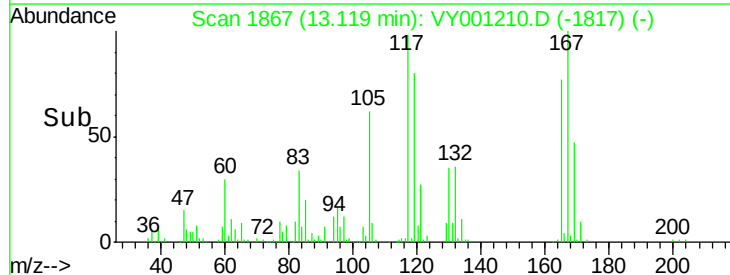
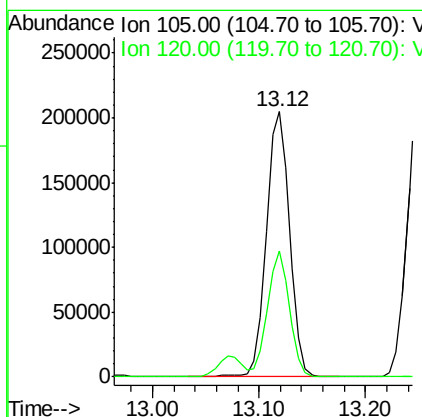
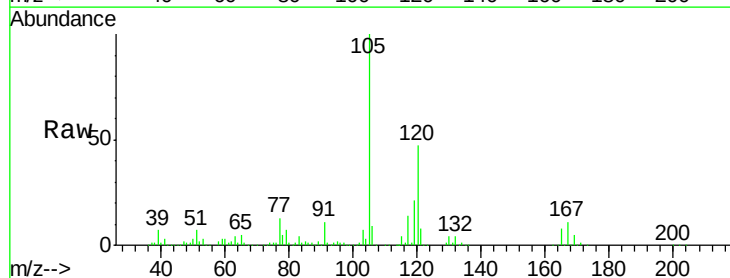
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 BW-1-3.0MS

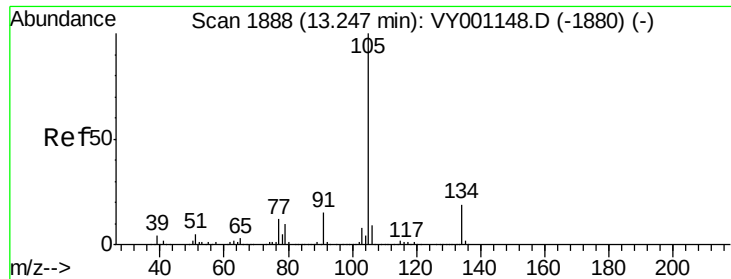
Tgt Ion:119 Resp: 256973  
 Ion Ratio Lower Upper  
 119 100  
 91 67.9 33.9 101.7  
 134 27.4 13.5 40.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.555 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. 0.01 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion:105 Resp: 312202  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 44.473 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

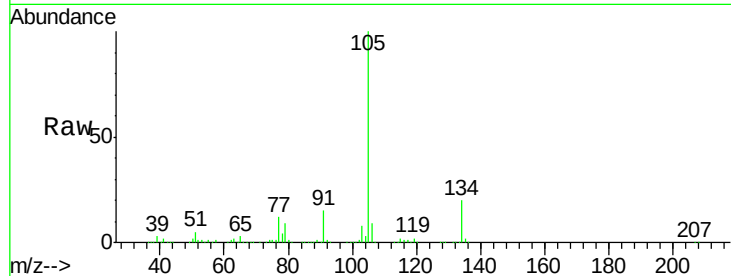
BW-1-3.0MS

Tgt Ion:105 Resp: 341055

Ion Ratio Lower Upper

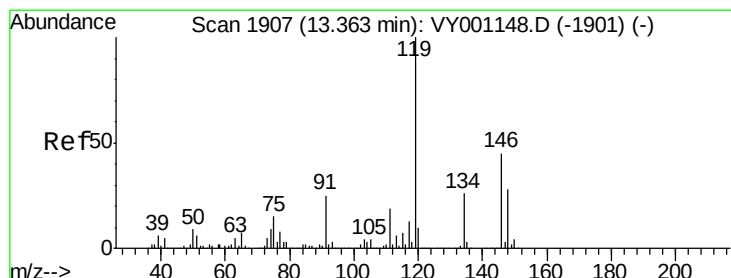
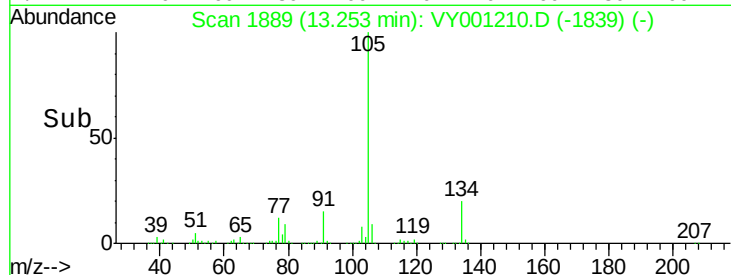
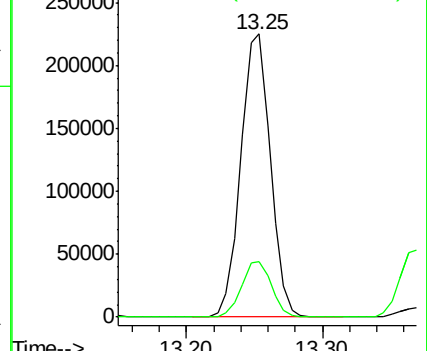
105 100

134 19.9 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.909 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

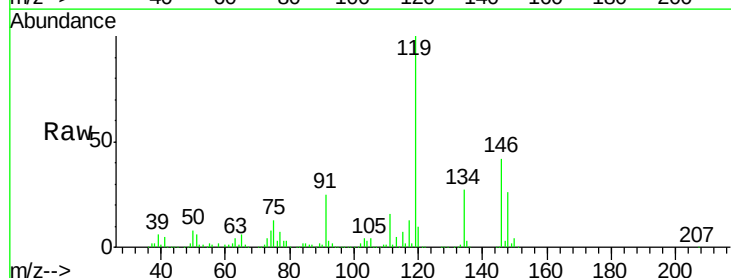
Tgt Ion:119 Resp: 299025

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

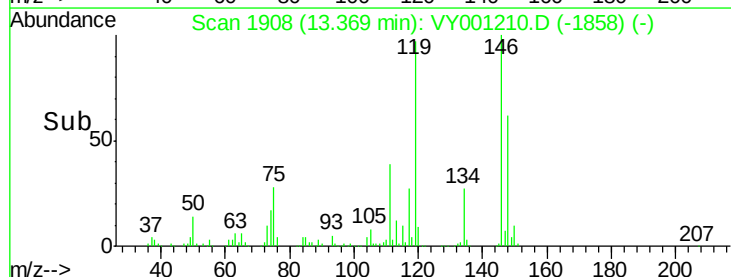
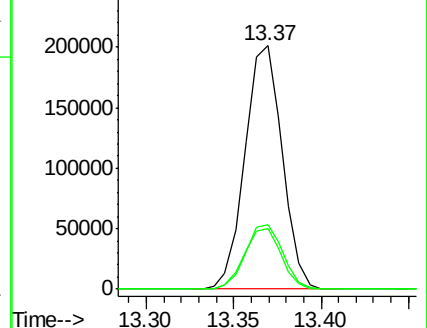
91 24.6 12.4 37.2

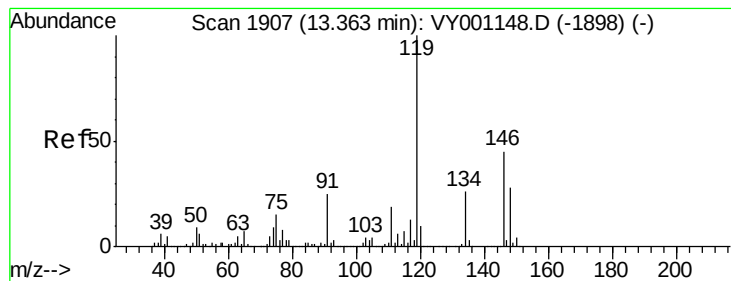


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 47.507 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

Instrument :

MSVOA\_Y

ClientSampleId :

BW-1-3.0MS

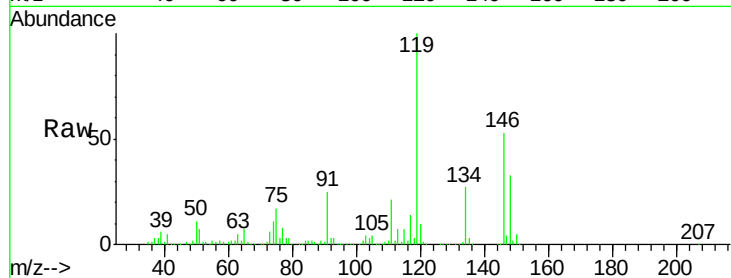
Tgt Ion:146 Resp: 150948

Ion Ratio Lower Upper

146 100

111 40.5 21.3 64.0

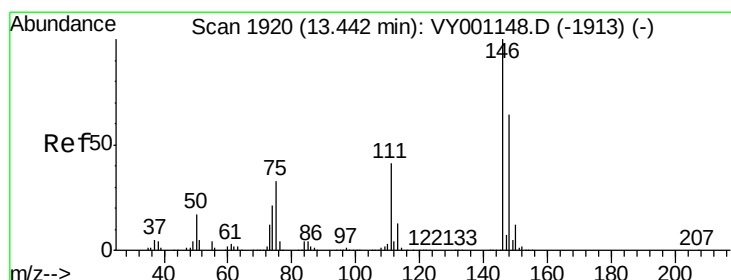
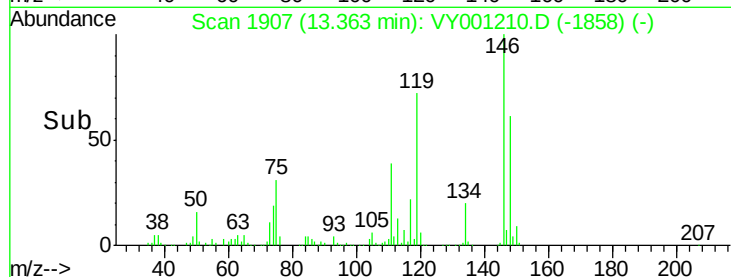
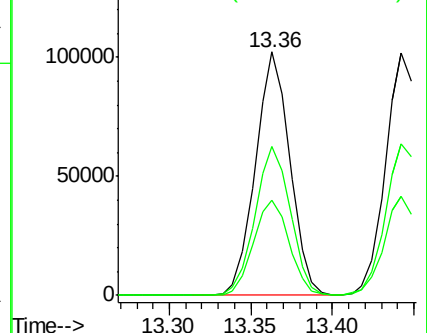
148 62.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.275 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY001210.D

Acq: 15 Jan 2020 12:21

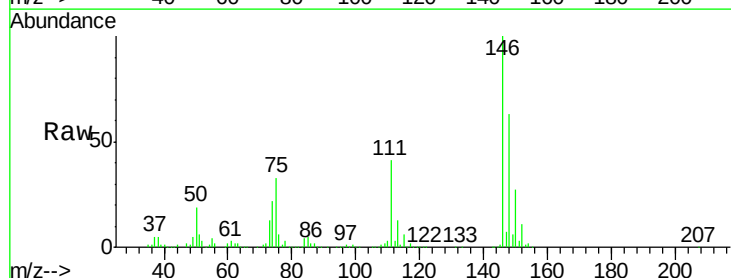
Tgt Ion:146 Resp: 151324

Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

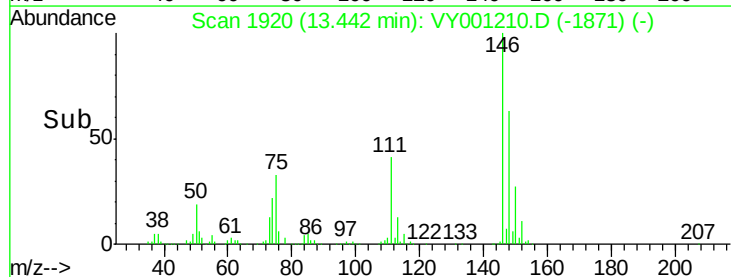
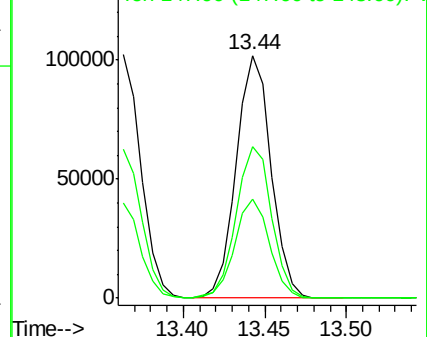
148 63.6 32.0 96.2



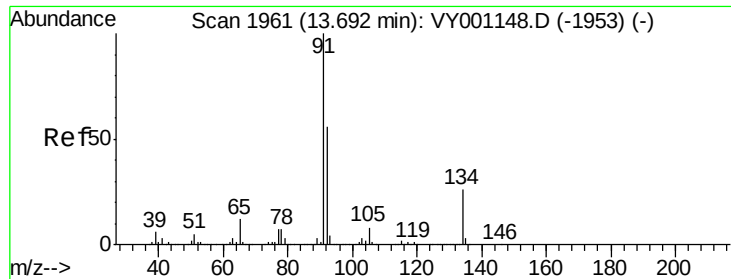
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



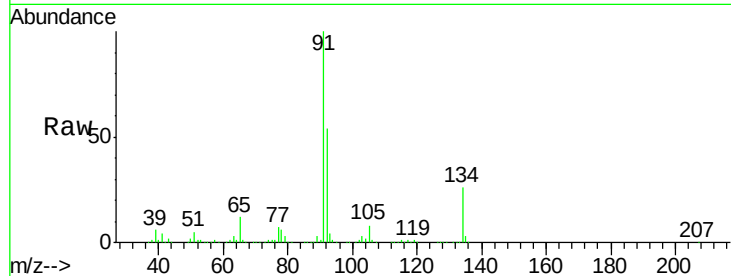




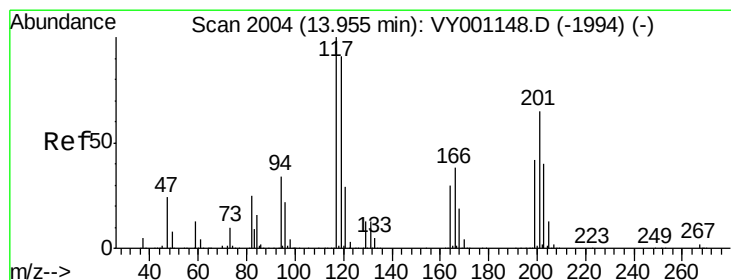
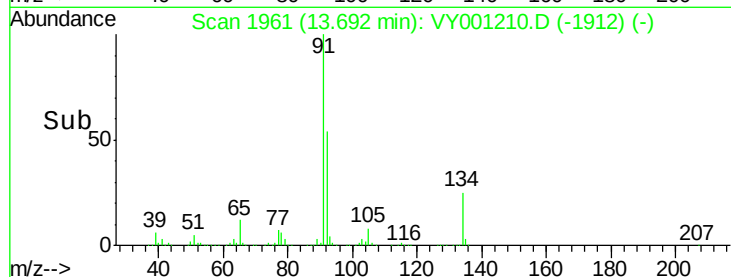
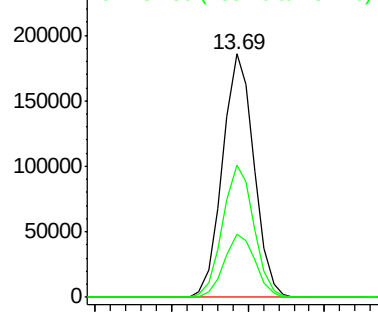
#89  
n-Butylbenzene  
Concen: 39.580 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

Tgt Ion: 91 Resp: 265432  
Ion Ratio Lower Upper  
91 100  
92 54.1 27.7 83.1  
134 25.8 12.9 38.6

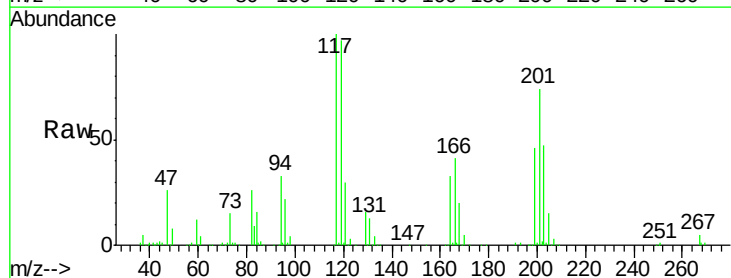


Abundance Ion 91.00 (90.70 to 91.70): VY0  
Ion 92.00 (91.70 to 92.70): VY0  
Ion 134.00 (133.70 to 134.70): V

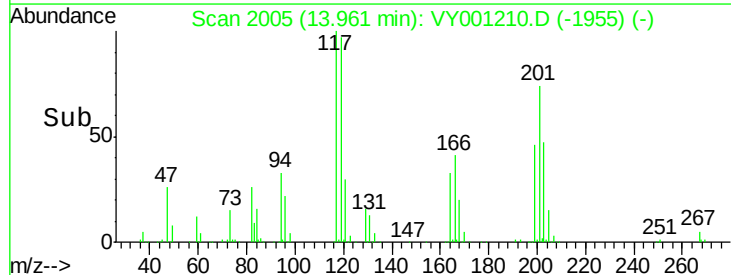
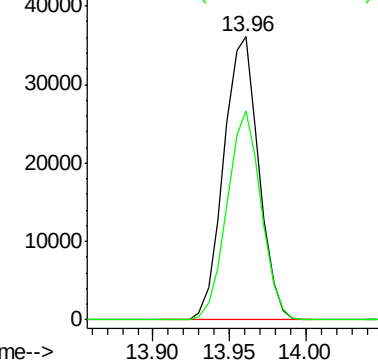


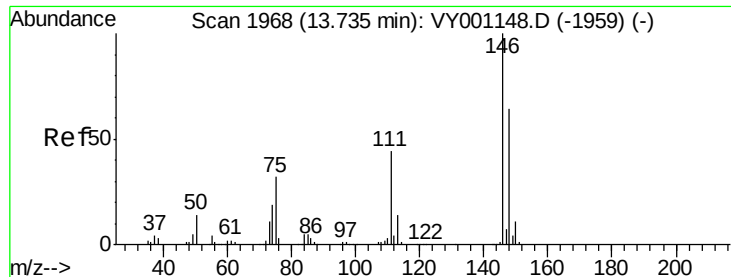
#90  
Hexachloroethane  
Concen: 44.234 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. 0.01 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion: 117 Resp: 57549  
Ion Ratio Lower Upper  
117 100  
201 72.0 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 200.70 (200.40 to 201.40): V

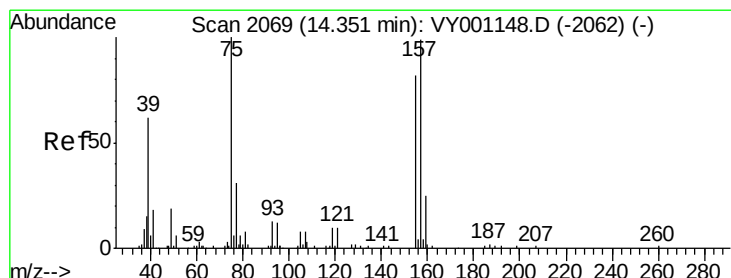
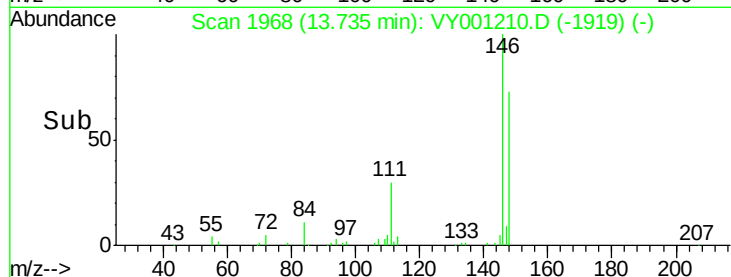
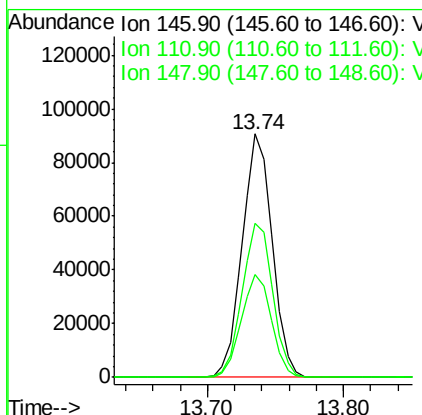
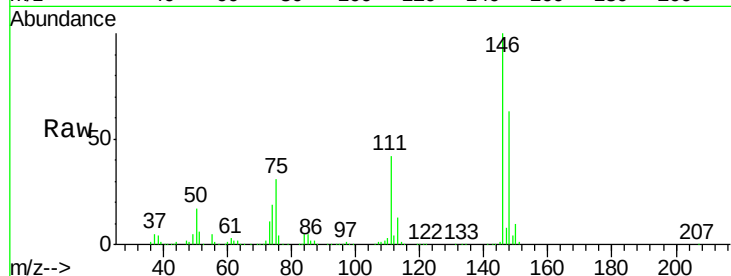




#91  
 1,2-Dichlorobenzene  
 Concen: 47.504 ug/l  
 RT: 13.74 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

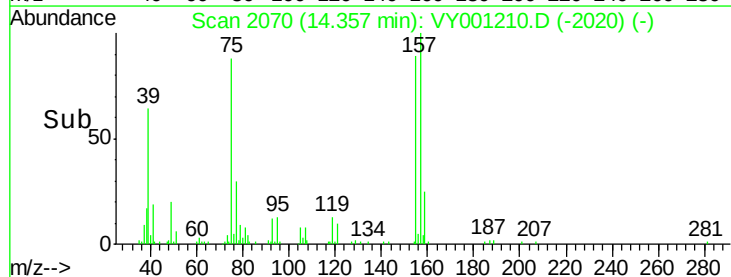
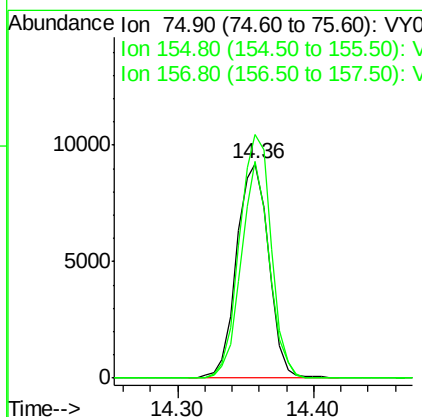
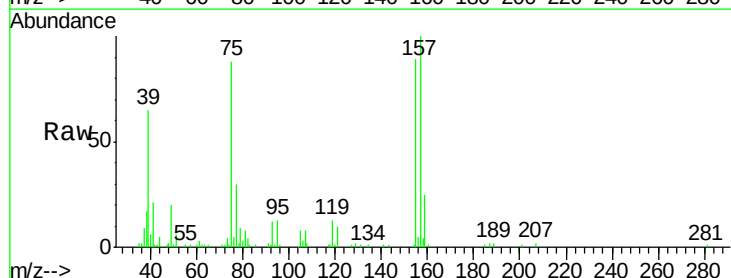
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

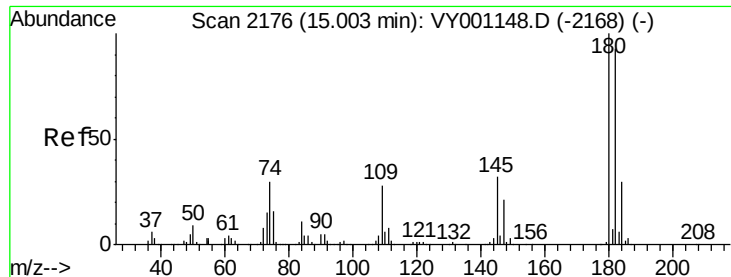
Tgt Ion: 146 Resp: 140277  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 22.0 66.0  
 148 64.3 32.1 96.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 52.560 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. 0.01 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion: 75 Resp: 15167  
 Ion Ratio Lower Upper  
 75 100  
 155 88.6 41.2 123.6  
 157 111.8 52.8 158.4

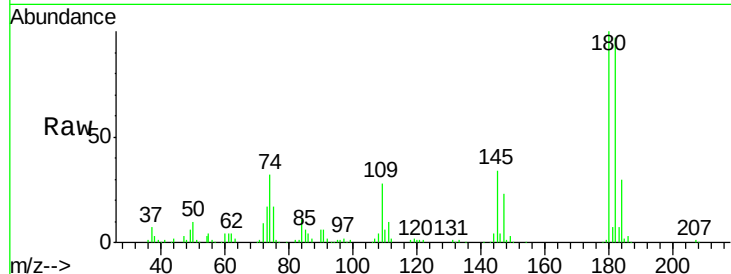




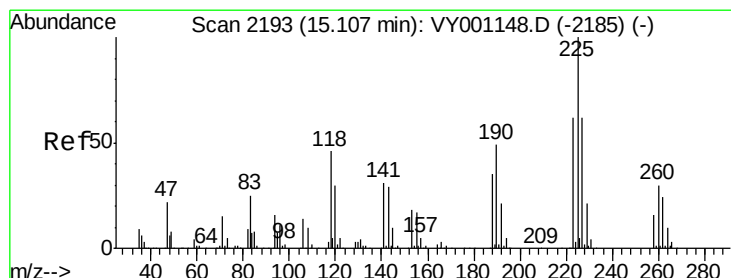
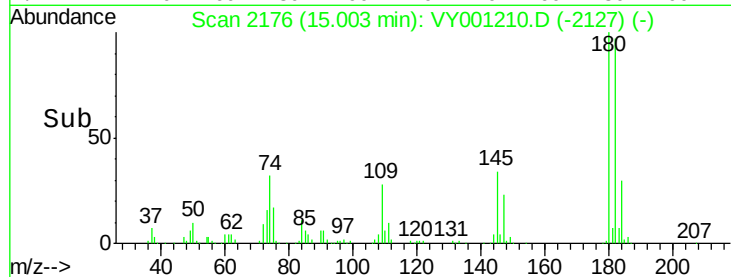
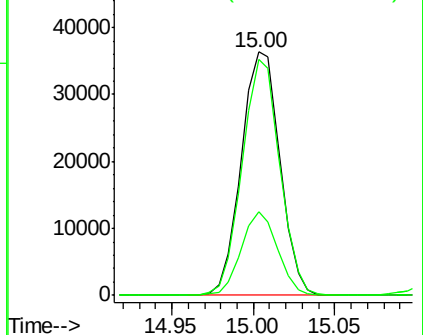
#93  
 1,2,4-Trichlorobenzene  
 Concen: 30.845 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. -0.00 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 BW-1-3.0MS

Tgt Ion:180 Resp: 60012  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 46.9 140.8  
 145 32.2 16.0 48.0

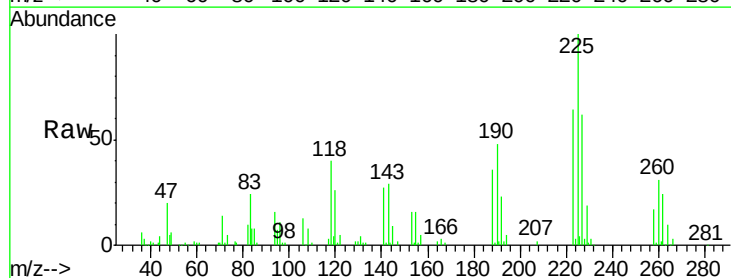


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

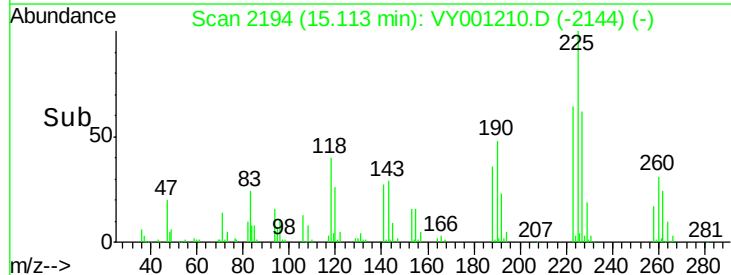
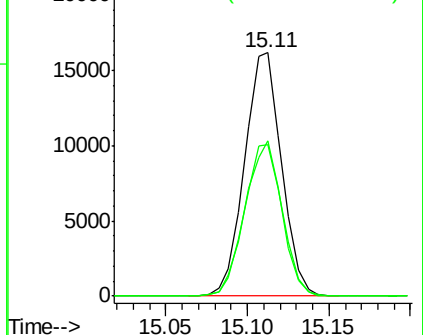


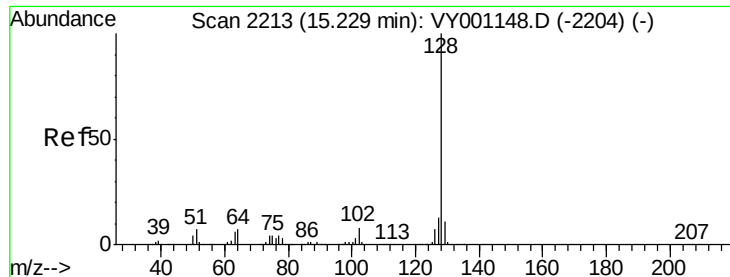
#94  
 Hexachlorobutadiene  
 Concen: 26.023 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. 0.01 min  
 Lab File: VY001210.D  
 Acq: 15 Jan 2020 12:21

Tgt Ion:225 Resp: 25507  
 Ion Ratio Lower Upper  
 225 100  
 223 62.7 31.1 93.3  
 227 64.2 31.3 93.9



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

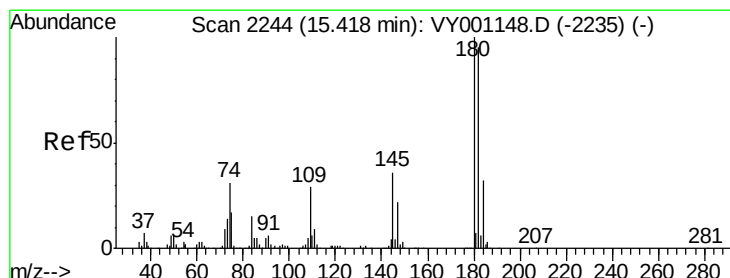
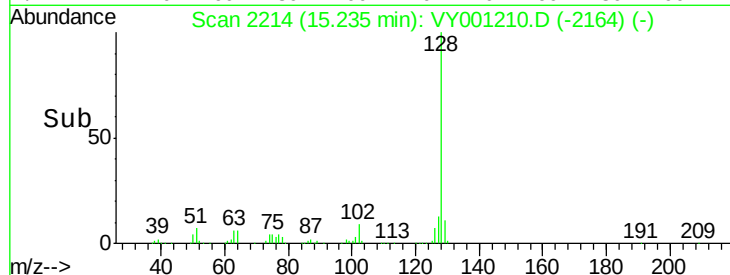
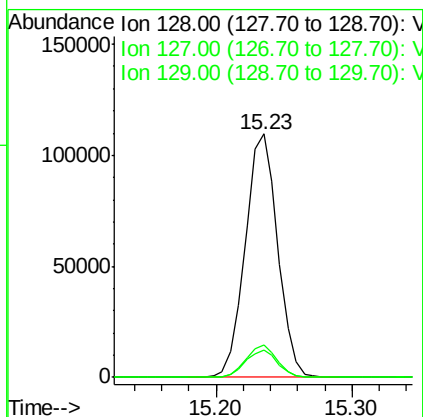
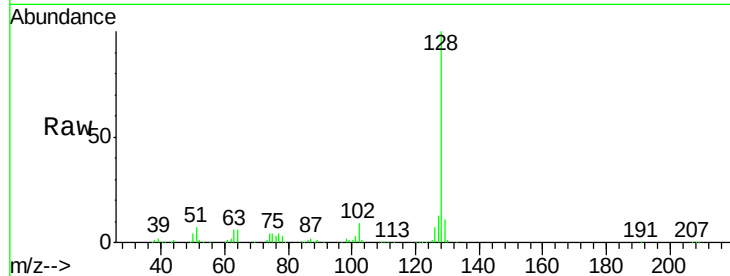




#95  
Naphthalene  
Concen: 40.342 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
BW-1-3.0MS

Tgt Ion:128 Resp: 182727  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 11.0 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 29.799 ug/l  
RT: 15.42 min Scan# 2244  
Delta R.T. -0.00 min  
Lab File: VY001210.D  
Acq: 15 Jan 2020 12:21

Tgt Ion:180 Resp: 51097  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.5 142.5  
145 33.2 17.1 51.3

