

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\  
 Data File : VY000018.D  
 Acq On : 12 Sep 2019 11:09  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00g/5.00ml  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 12 15:38:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y091219S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 12 15:35:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.79  | 168  | 152479   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 279206   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 241631   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 104018   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.14  | 65   | 7779     | 4.74 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.48% |          |
| 35) Dibromofluoromethane    | 7.73  | 113  | 7511     | 4.69 | ug/l  | 0.01     |
| Spiked Amount               |       |      | Recovery | =    | 9.38% |          |
| 50) Toluene-d8              | 10.18 | 98   | 31138    | 4.83 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.66% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 11613    | 4.95 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 9.90% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units  | Qvalue |
|-------------------------------|------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85   | 6454     | 5.740  | ug/l   | 85     |
| 3) Chloromethane              | 2.11 | 50   | 15062    | 8.235  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.25 | 62   | 9456     | 5.546  | ug/l   | 96     |
| 5) Bromomethane               | 2.63 | 94   | 7402     | 6.830  | ug/l # | 79     |
| 6) Chloroethane               | 2.78 | 64   | 6521     | 5.745  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 3.12 | 101  | 11911    | 5.376  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.52 | 74   | 4521     | 4.965  | ug/l   | 74     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101  | 7449     | 4.941  | ug/l   | 95     |
| 10) Methyl Iodide             | 4.09 | 142  | 7598     | 4.608  | ug/l # | 94     |
| 11) Tert butyl alcohol        | 4.97 | 59   | 6228     | 29.825 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.86 | 96   | 7347     | 5.229  | ug/l   | 85     |
| 13) Acrolein                  | 3.73 | 56   | 4232     | 27.014 | ug/l   | 87     |
| 14) Allyl chloride            | 4.48 | 41   | 10820    | 4.959  | ug/l   | 92     |
| 15) Acrylonitrile             | 5.17 | 53   | 14560    | 25.203 | ug/l   | 96     |
| 16) Acetone                   | 3.95 | 43   | 12236    | 26.868 | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.18 | 76   | 18851    | 6.662  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.48 | 43   | 7685     | 5.997  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether   | 5.23 | 73   | 20582    | 4.836  | ug/l   | 93     |
| 20) Methylene Chloride        | 4.71 | 84   | 11662    | 6.423  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.21 | 96   | 8964     | 5.761  | ug/l   | 90     |
| 22) Diisopropyl ether         | 6.12 | 45   | 23935    | 4.970  | ug/l # | 88     |
| 23) Vinyl Acetate             | 6.06 | 43   | 82219    | 24.676 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.02 | 63   | 14859    | 5.206  | ug/l # | 92     |
| 25) 2-Butanone                | 7.00 | 43   | 20431    | 27.600 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.98 | 77   | 15397    | 5.807  | ug/l   | 94     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96   | 10539    | 5.369  | ug/l   | 95     |
| 28) Bromochloromethane        | 7.34 | 49   | 6244     | 4.764  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 7.35 | 42   | 11997    | 27.244 | ug/l   | 97     |
| 30) Chloroform                | 7.51 | 83   | 15225    | 5.173  | ug/l   | 91     |
| 31) Cyclohexane               | 7.78 | 56   | 15679    | 6.591  | ug/l # | 73     |
| 32) 1,1,1-Trichloroethane     | 7.70 | 97   | 12464    | 5.162  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.92 | 75   | 10201    | 4.976  | ug/l   | 91     |
| 37) Ethyl Acetate             | 7.08 | 43   | 7739     | 5.598  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.90 | 117  | 9245     | 4.778  | ug/l # | 88     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\  
 Data File : VY000018.D  
 Acq On : 12 Sep 2019 11:09  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00g/5.00ml  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 12 15:38:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y091219S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 12 15:35:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.18  | 83   | 14328    | 5.657   | ug/l   | 92       |
| 40) Benzene                    | 8.16  | 78   | 35682    | 5.346   | ug/l # | 90       |
| 41) Methacrylonitrile          | 7.31  | 41   | 3406     | 1.897   | ug/l # | 54       |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 8630     | 5.060   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 13746    | 5.131   | ug/l   | 98       |
| 44) Trichloroethene            | 8.93  | 130  | 8670     | 5.203   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.21  | 63   | 9172     | 5.330   | ug/l # | 84       |
| 46) Dibromomethane             | 9.31  | 93   | 5150     | 5.392   | ug/l   | 90       |
| 47) Bromodichloromethane       | 9.50  | 83   | 11210    | 4.917   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.29  | 41   | 6552     | 5.543   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.29  | 88   | 2414     | 120.688 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 41700    | 27.781  | ug/l   | 96       |
| 52) Toluene                    | 10.24 | 92   | 21660    | 5.165   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.46 | 75   | 11845    | 4.941   | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 14968    | 5.366   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 8179     | 5.404   | ug/l # | 92       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 11267    | 5.304   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 12517    | 5.171   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 29363    | 25.236  | ug/l   | 96       |
| 59) 2-Hexanone                 | 10.83 | 43   | 29099    | 26.902  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.98 | 129  | 8391     | 5.261   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 6668     | 4.988   | ug/l   | 93       |
| 64) Tetrachloroethene          | 10.71 | 164  | 7964     | 5.375   | ug/l   | 91       |
| 65) Chlorobenzene              | 11.51 | 112  | 23135    | 5.025   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 8073     | 5.060   | ug/l   | 93       |
| 67) Ethyl Benzene              | 11.59 | 91   | 43360    | 5.184   | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.69 | 106  | 32172    | 10.193  | ug/l   | 99       |
| 69) o-Xylene                   | 12.02 | 106  | 16906    | 5.465   | ug/l   | 92       |
| 70) Styrene                    | 12.04 | 104  | 27343    | 5.081   | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 4789     | 4.972   | ug/l # | 94       |
| 73) Isopropylbenzene           | 12.32 | 105  | 40337    | 5.075   | ug/l   | 96       |
| 74) N-amyl acetate             | 12.14 | 43   | 12639    | 5.387   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 10273    | 5.406   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 13648    | 5.916   | ug/l # | 100      |
| 77) Bromobenzene               | 12.60 | 156  | 8776     | 5.220   | ug/l   | 92       |
| 78) n-propylbenzene            | 12.66 | 91   | 50441    | 5.193   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 30171    | 5.555   | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 12.80 | 105  | 34339    | 5.175   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.37 | 75   | 4213     | 5.784   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 30455    | 5.343   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 29366    | 5.150   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 34405    | 5.248   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.24 | 105  | 44672    | 5.309   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 37313    | 5.227   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 17869    | 5.281   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 17869    | 5.248   | ug/l   | 92       |
| 89) n-Butylbenzene             | 13.69 | 91   | 36082    | 4.988   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.95 | 117  | 7066     | 4.953   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.73 | 146  | 17064    | 5.419   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.35 | 75   | 2423     | 6.558   | ug/l   | 82       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\  
Data File : VY000018.D  
Acq On : 12 Sep 2019 11:09  
Operator : SY/MD  
Sample : VSTDICC005  
Misc : 5.00g/5.00ml  
ALS Vial : 4 Sample Multiplier: 1

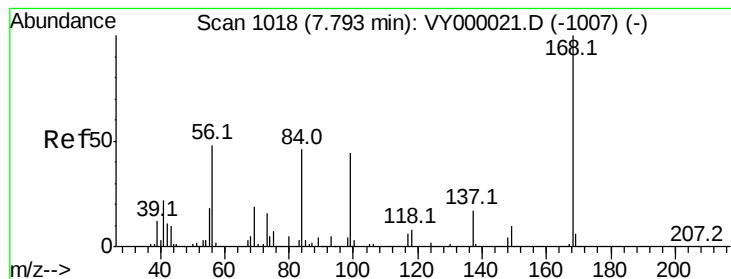
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 12 15:38:09 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y091219S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 12 15:35:32 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.99 | 180  | 11196    | 5.572 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.10 | 225  | 4991     | 5.416 | ug/l  | 95       |
| 95) Naphthalene            | 15.22 | 128  | 29526    | 5.371 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 15.41 | 180  | 9365     | 5.192 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

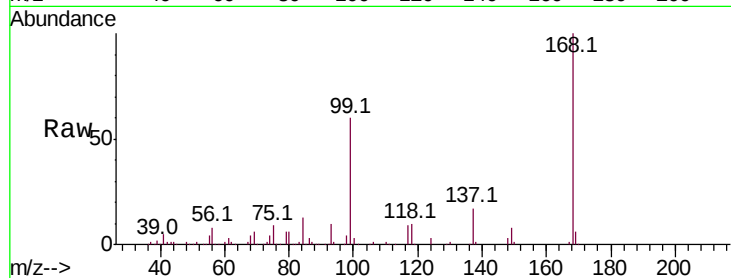
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:168 Resp: 152479

Ion Ratio Lower Upper

168 100

99 59.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY000018.D (-1007) (-)

Ion 98.90 (98.60 to 99.60): VY000018.D (-1007) (-)

7.79

60000

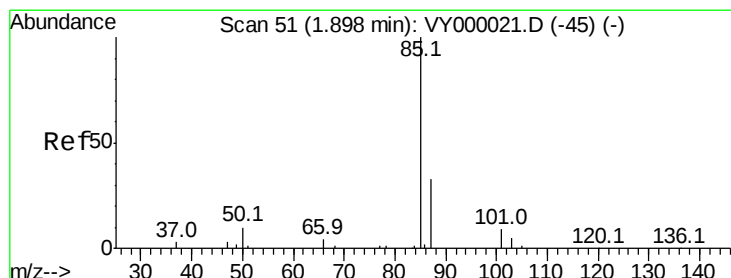
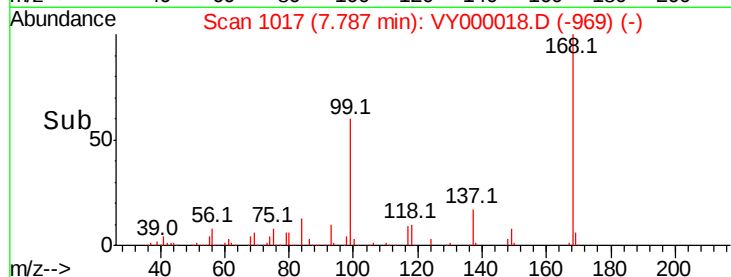
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 5.740 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000018.D

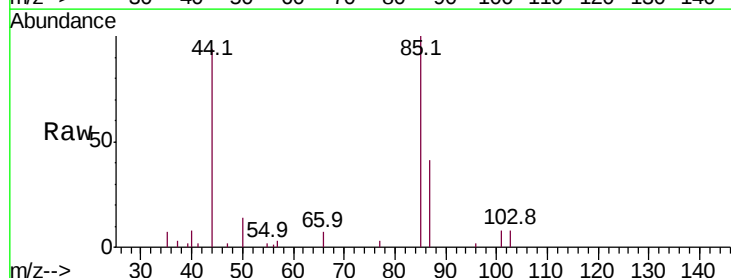
Acq: 12 Sep 2019 11:09

Tgt Ion: 85 Resp: 6454

Ion Ratio Lower Upper

85 100

87 41.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY000018.D (-2) (-)

Ion 86.90 (86.60 to 87.60): VY000018.D (-2) (-)

1.90

4000

3000

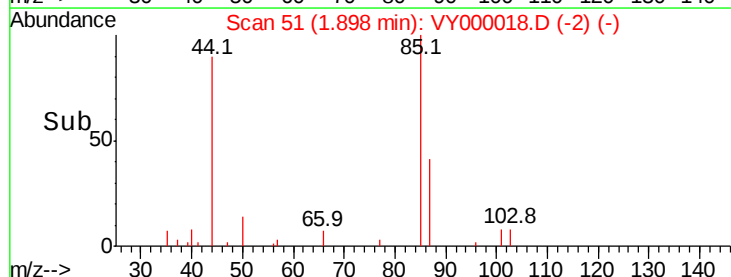
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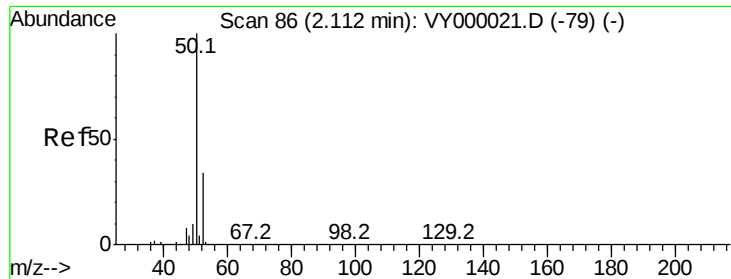
1000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 8.235 ug/l

RT: 2.11 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

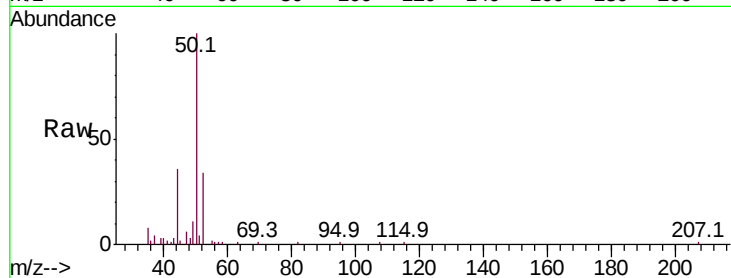
ClientSampleId :

Tot Ion: 50 Resp: 15062

Ion Ratio Lower Upper

50 100

52 33.5 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

8000

6000

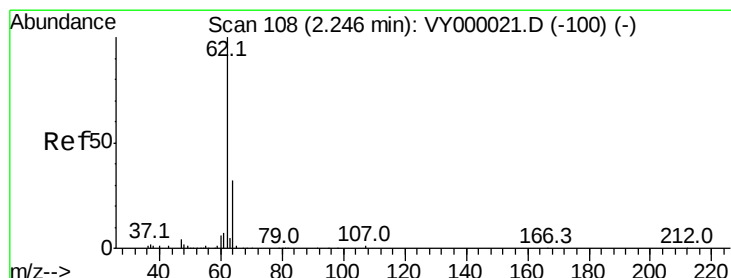
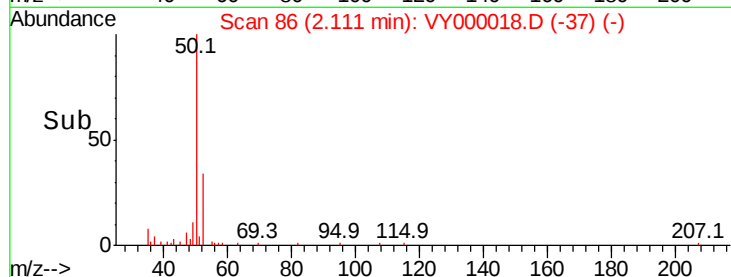
4000

2000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 5.546 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000018.D

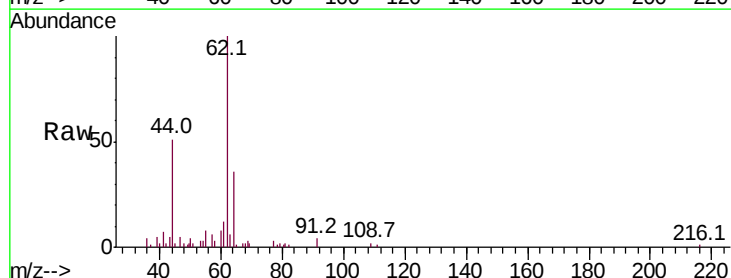
Acq: 12 Sep 2019 11:09

Tgt Ion: 62 Resp: 9456

Ion Ratio Lower Upper

62 100

64 34.9 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

6000

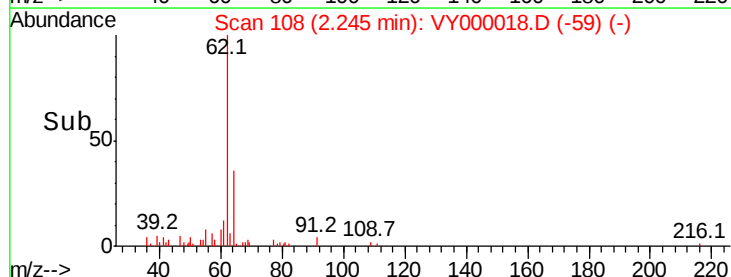
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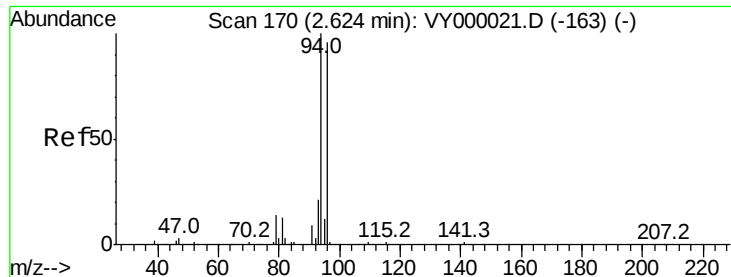
2000

0

Time-->

2.20 2.25 2.30





#5

Bromomethane

Concen: 6.830 ug/l

RT: 2.63 min Scan# 171

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

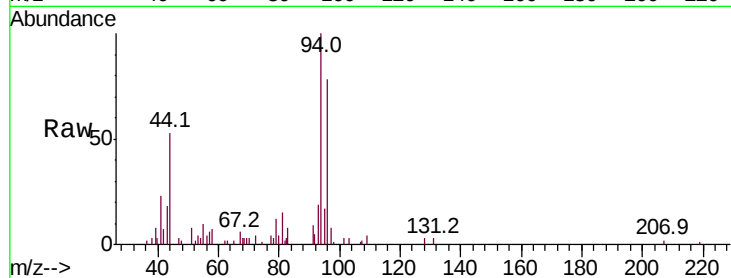
ClientSampleId :

Tot Ion: 94 Resp: 7402

Ion Ratio Lower Upper

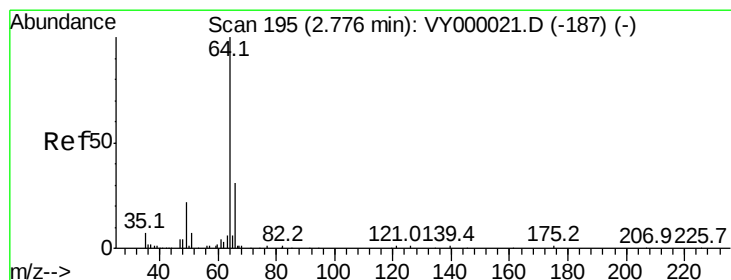
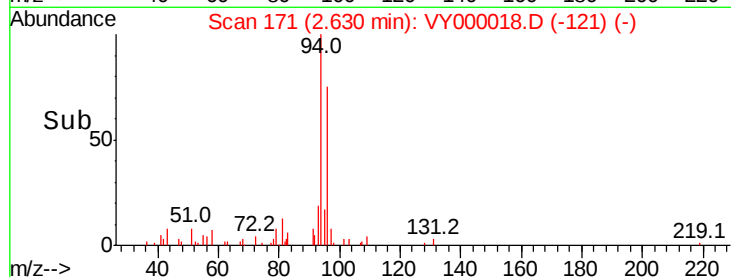
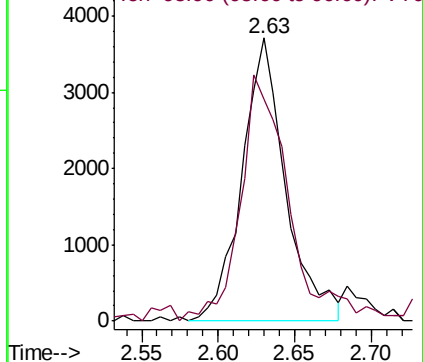
94 100

96 75.2 76.8 115.2#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.745 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VY000018.D

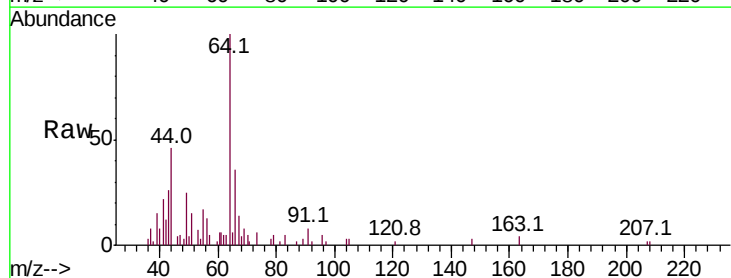
Acq: 12 Sep 2019 11:09

Tgt Ion: 64 Resp: 6521

Ion Ratio Lower Upper

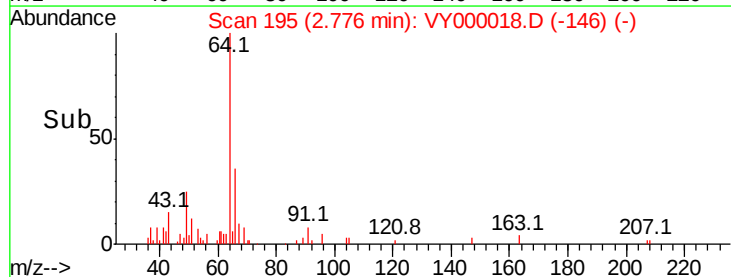
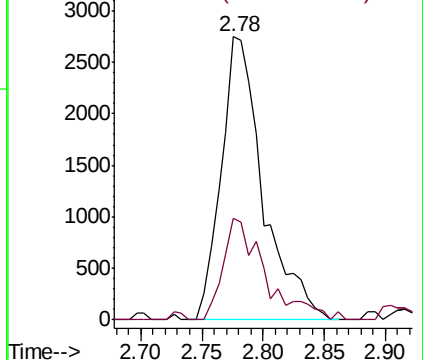
64 100

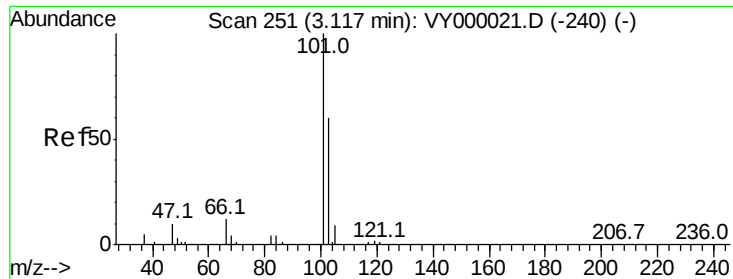
66 35.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



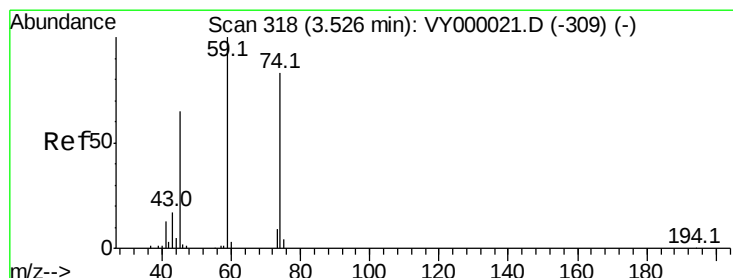
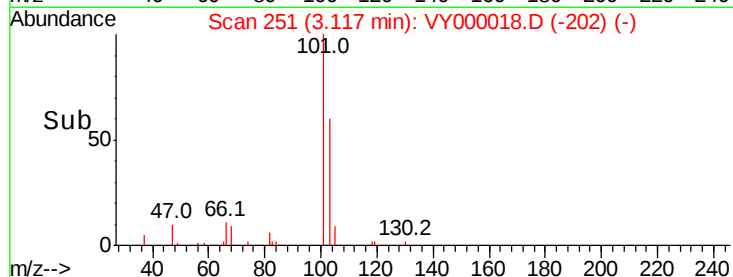
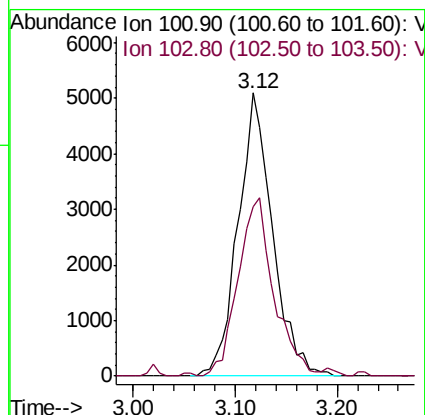
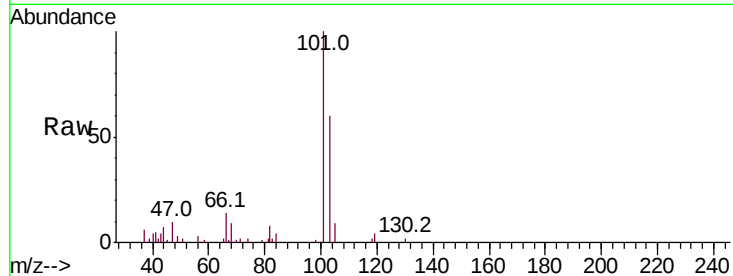


#7

Trichlorofluoromethane  
 Concen: 5.376 ug/l  
 RT: 3.12 min Scan# 251  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

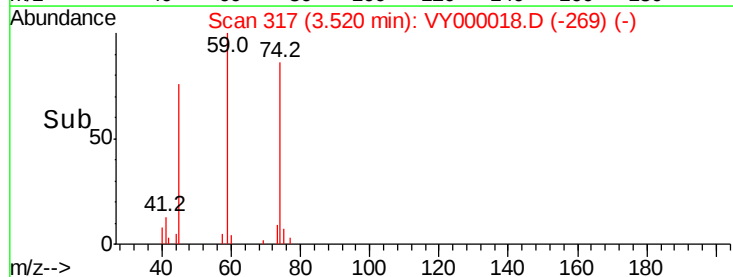
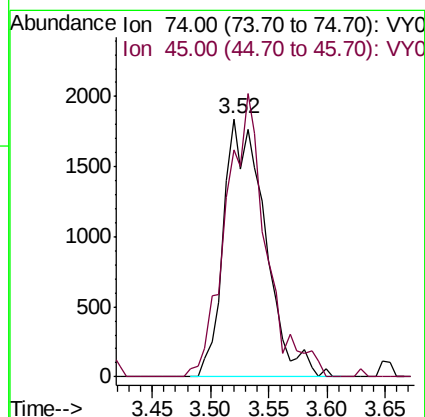
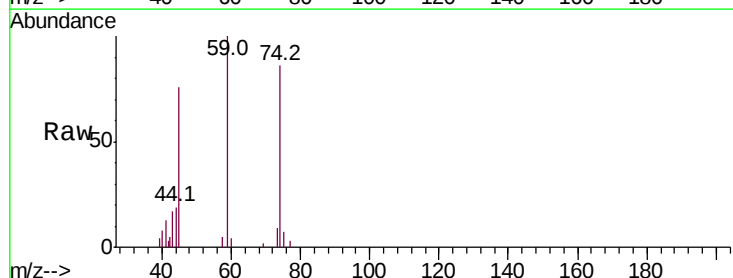
Tot Ion:101 Resp: 11911  
 Ion Ratio Lower Upper  
 101 100  
 103 58.6 48.1 72.1

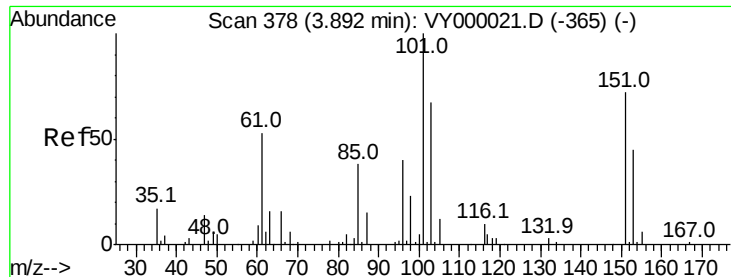


#8

Diethyl Ether  
 Concen: 4.965 ug/l  
 RT: 3.52 min Scan# 317  
 Delta R.T. -0.01 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Tgt Ion: 74 Resp: 4521  
 Ion Ratio Lower Upper  
 74 100  
 45 107.3 41.9 125.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.941 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

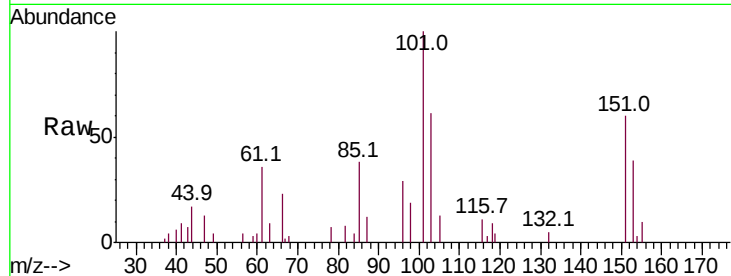
Tot Ion:101 Resp: 7449

Ion Ratio Lower Upper

101 100

85 47.9 35.3 52.9

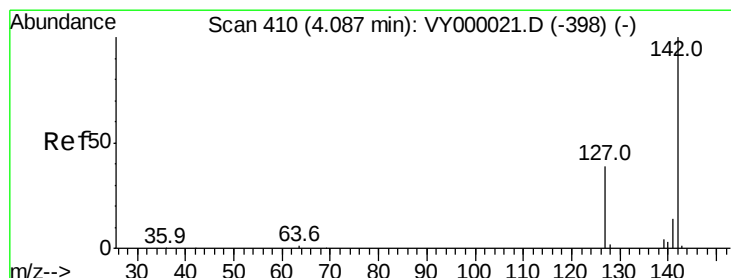
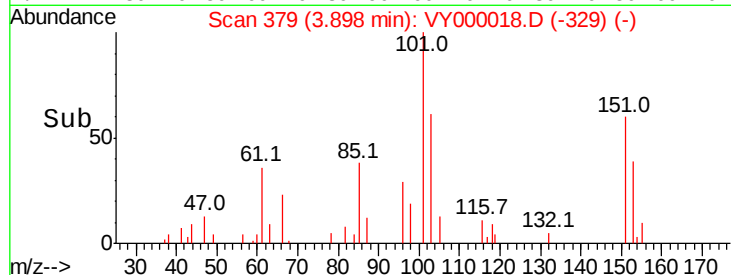
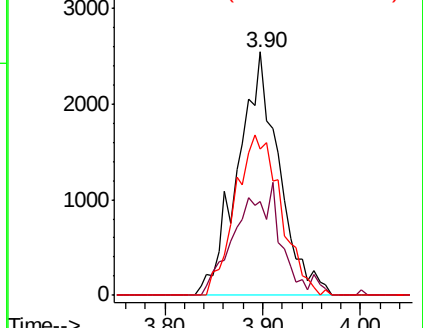
151 73.4 55.9 83.9



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: 4.608 ug/l

RT: 4.09 min Scan# 410

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

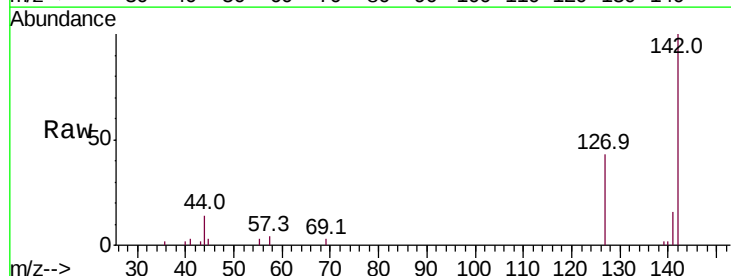
Tgt Ion:142 Resp: 7598

Ion Ratio Lower Upper

142 100

127 41.8 31.4 47.2

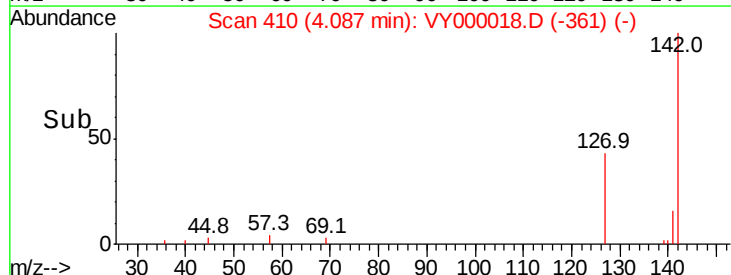
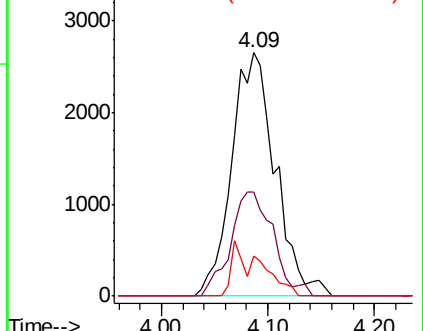
141 8.3 10.6 16.0#

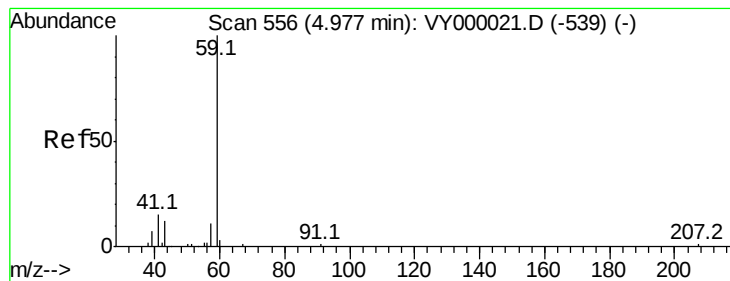


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



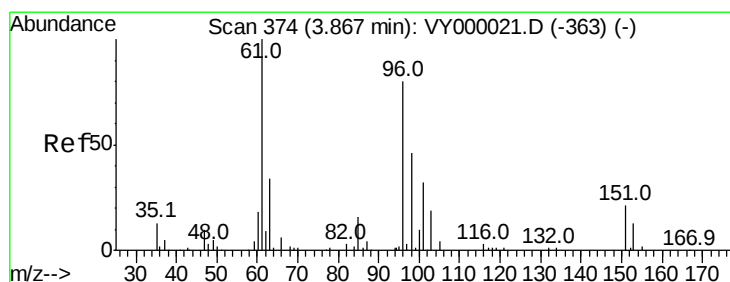
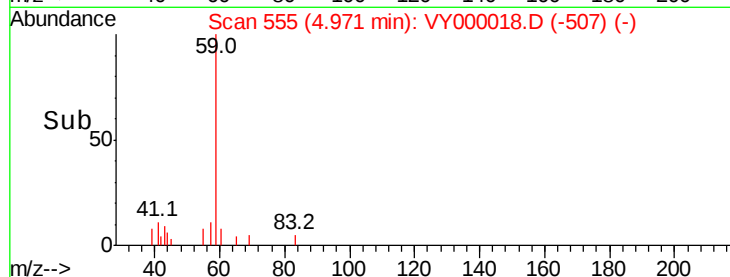
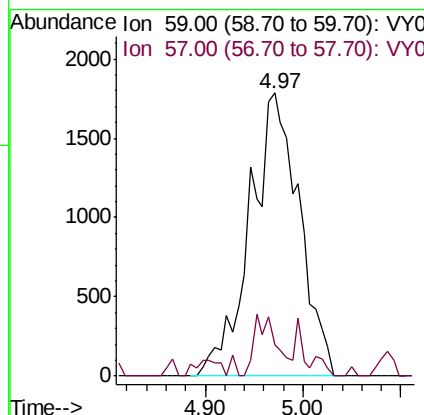
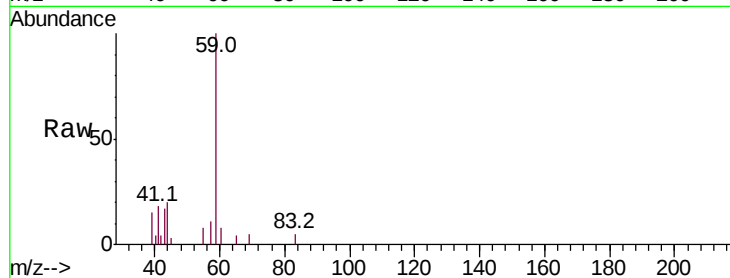


#11

Tert butyl alcohol  
 Concen: 29.825 ug/l  
 RT: 4.97 min Scan# 555  
 Delta R.T. -0.01 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

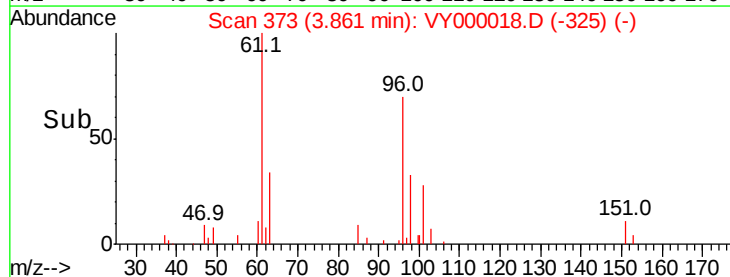
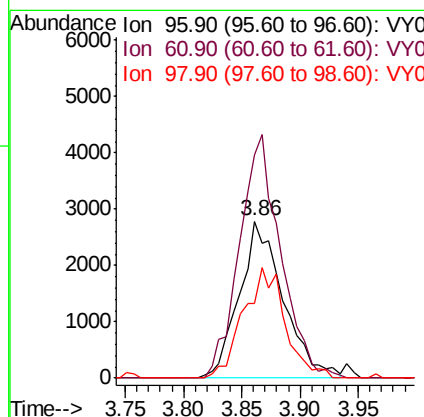
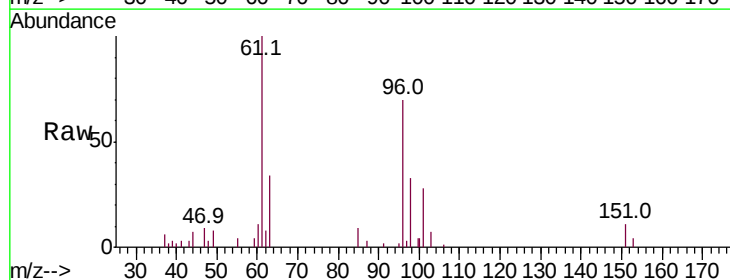
Tot Ion: 59 Resp: 6228  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 8.3 12.5

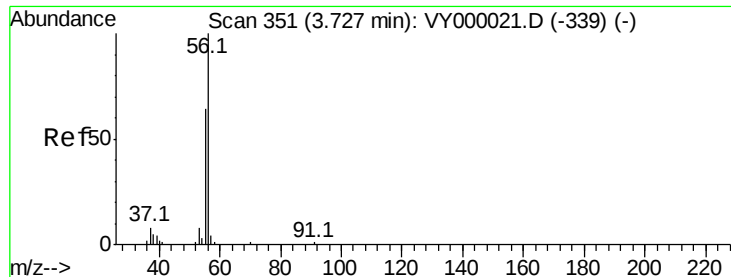


#12

1,1-Dichloroethene  
 Concen: 5.229 ug/l  
 RT: 3.86 min Scan# 373  
 Delta R.T. -0.01 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Tgt Ion: 96 Resp: 7347  
 Ion Ratio Lower Upper  
 96 100  
 61 142.6 99.8 149.6  
 98 47.6 46.3 69.5





#13

Acrolein

Concen: 27.014 ug/l

RT: 3.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

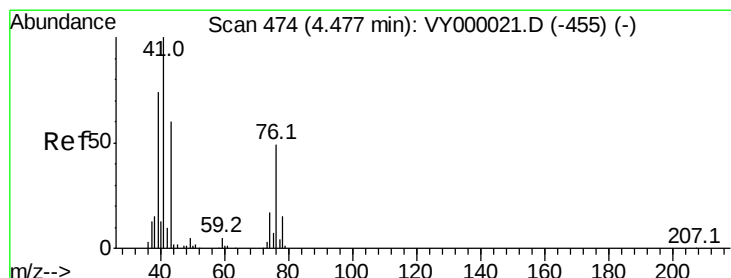
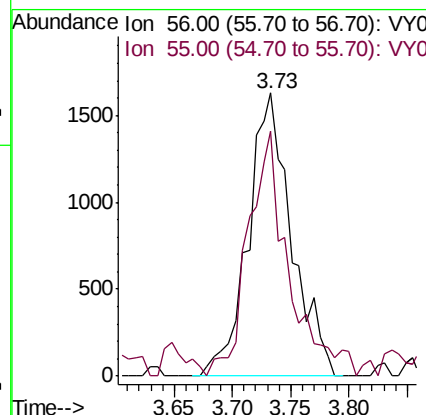
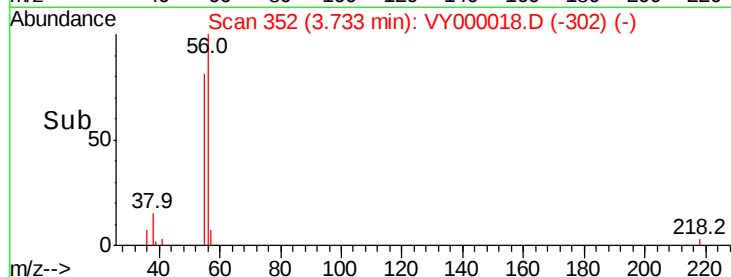
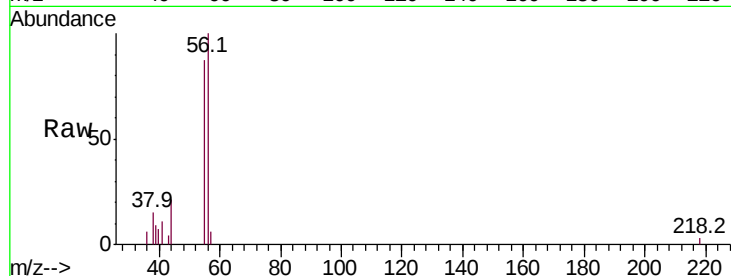
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 56 Resp: 4232

Ion Ratio Lower Upper

56 100

55 81.4 56.7 85.1



#14

Allyl chloride

Concen: 4.959 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

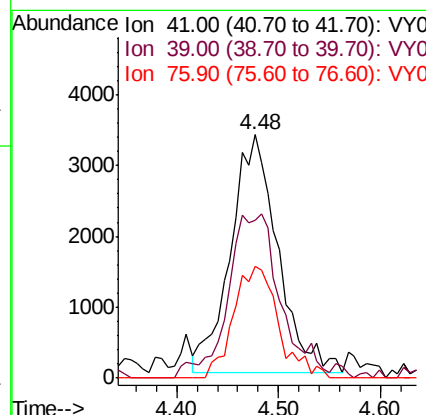
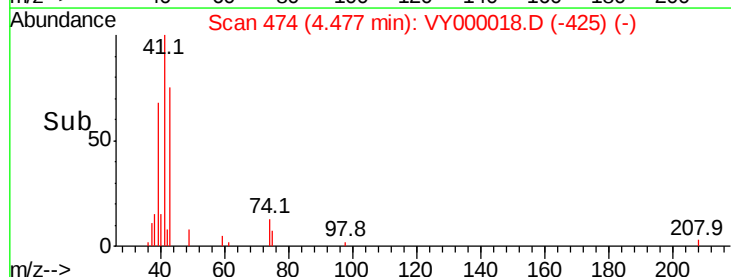
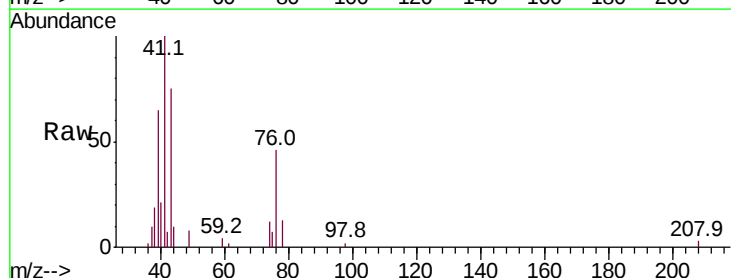
Tgt Ion: 41 Resp: 10820

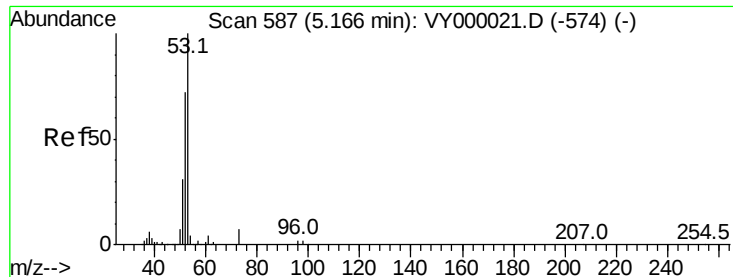
Ion Ratio Lower Upper

41 100

39 76.6 53.1 79.7

76 44.6 34.9 52.3





#15

Acrylonitrile

Concen: 25.203 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :  
MSVOA\_Y  
ClientSampleId :

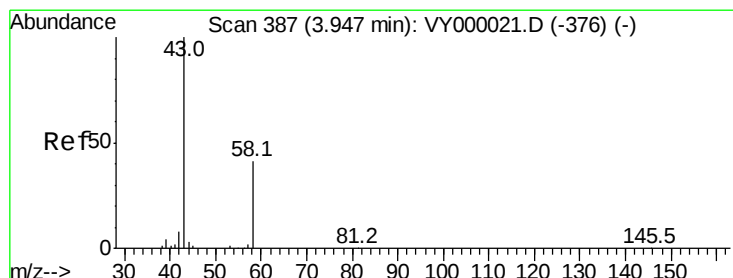
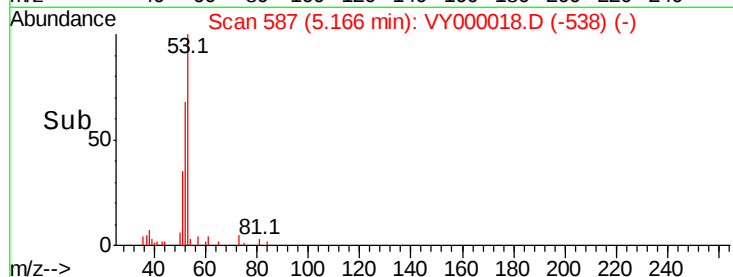
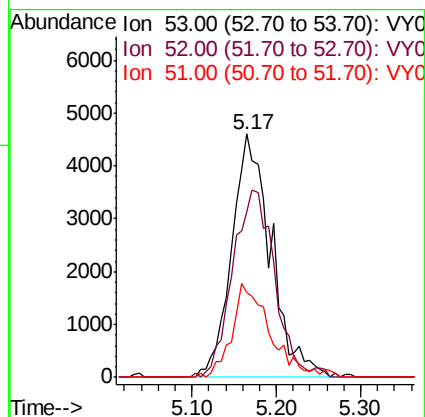
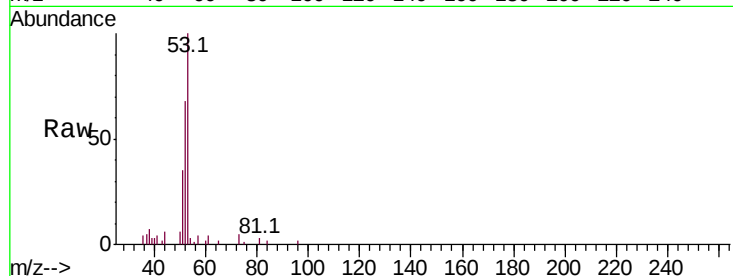
Tot Ion: 53 Resp: 14560

Ion Ratio Lower Upper

53 100

52 81.2 62.8 94.2

51 37.1 26.6 40.0



#16

Acetone

Concen: 26.868 ug/l

RT: 3.95 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000018.D

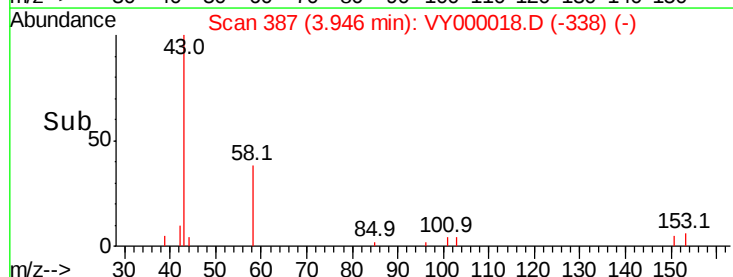
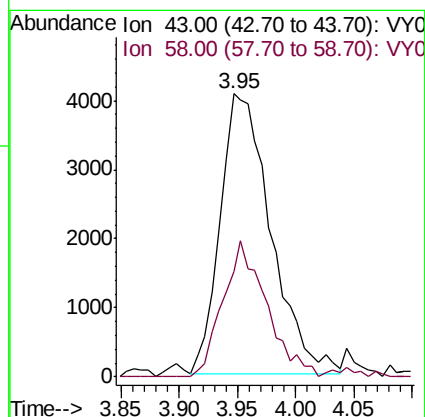
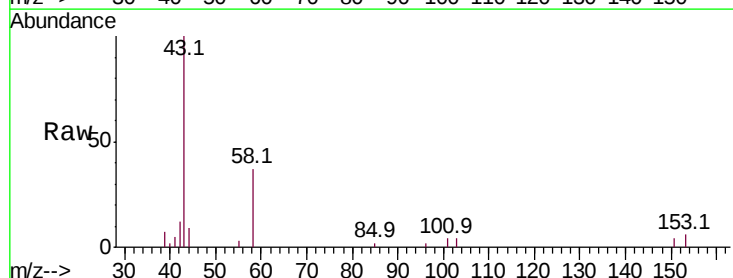
Acq: 12 Sep 2019 11:09

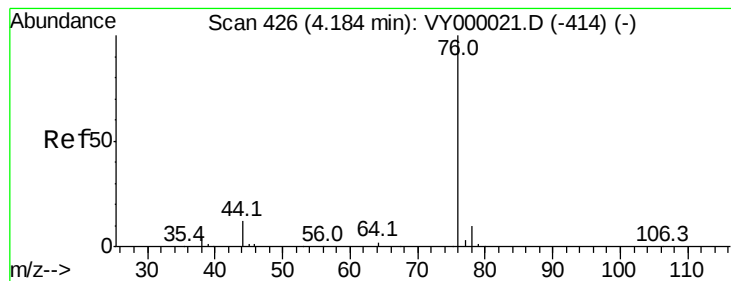
Tgt Ion: 43 Resp: 12236

Ion Ratio Lower Upper

43 100

58 37.8 32.5 48.7





#17

Carbon Disulfide

Concen: 6.662 ug/l

RT: 4.18 min Scan# 426

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

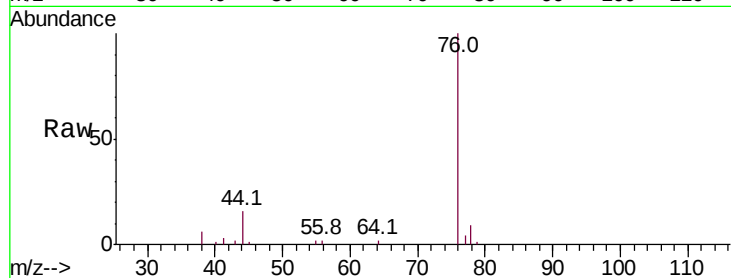
ClientSampleId :

Tot Ion: 76 Resp: 18851

Ion Ratio Lower Upper

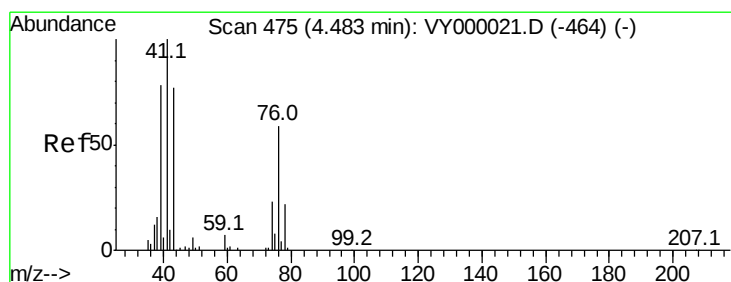
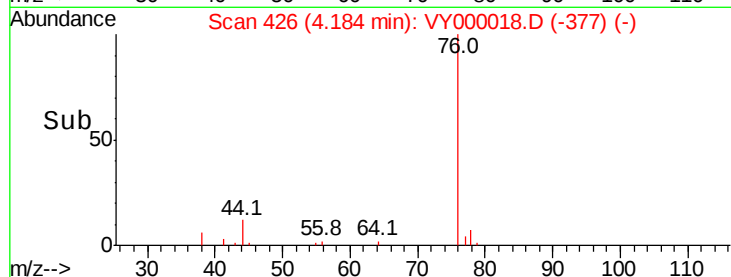
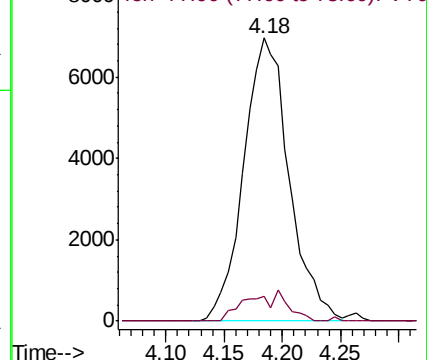
76 100

78 8.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 5.997 ug/l

RT: 4.48 min Scan# 474

Delta R.T. -0.01 min

Lab File: VY000018.D

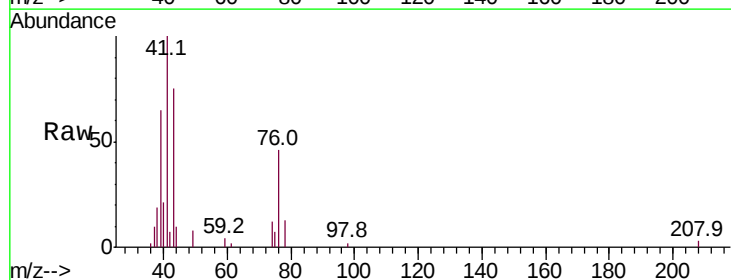
Acq: 12 Sep 2019 11:09

Tgt Ion: 43 Resp: 7685

Ion Ratio Lower Upper

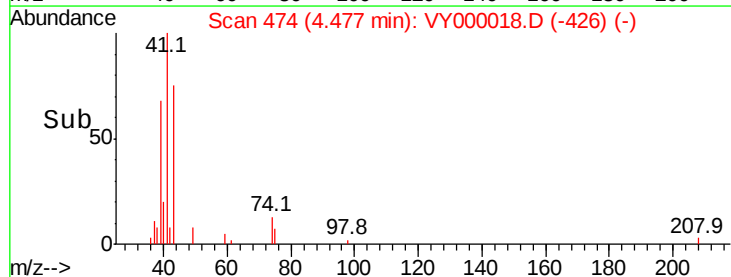
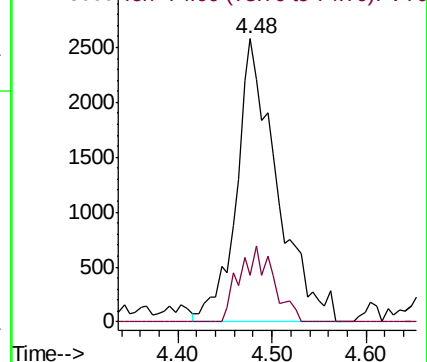
43 100

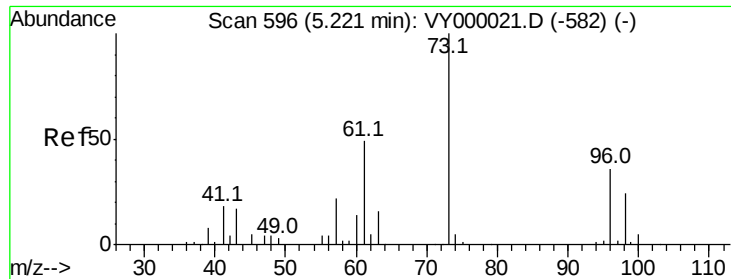
74 22.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

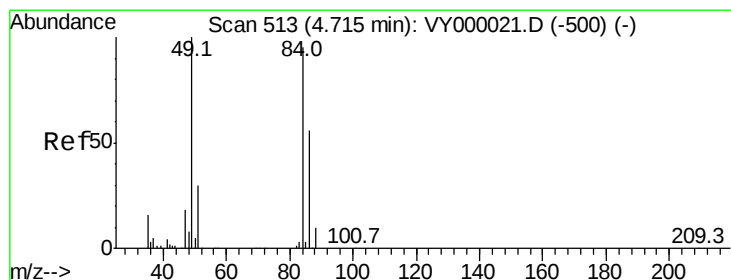
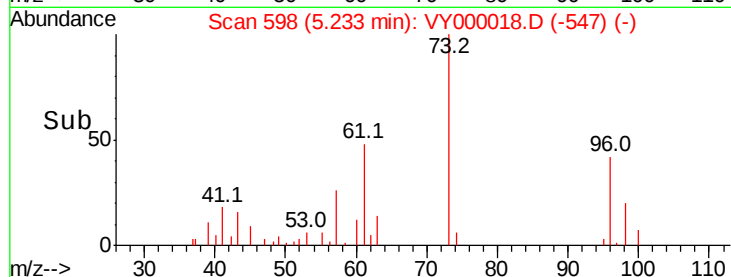
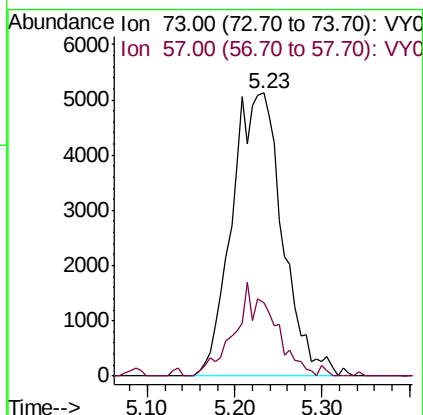
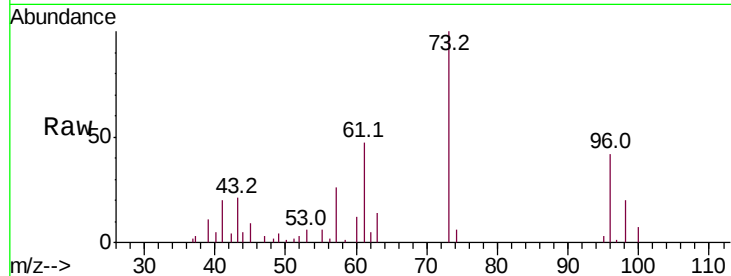




#19  
Methyl tert-butyl Ether  
Concen: 4.836 ug/l  
RT: 5.23 min Scan# 598  
Delta R.T. 0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

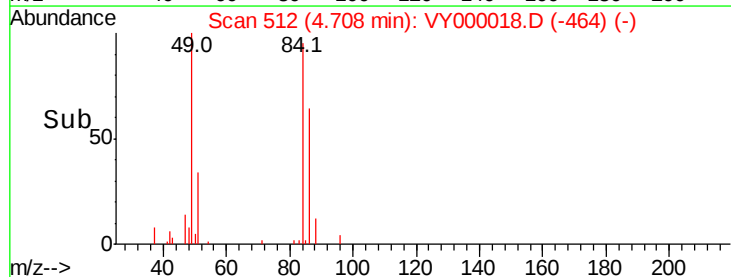
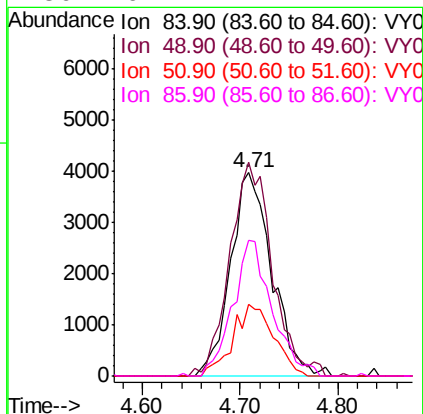
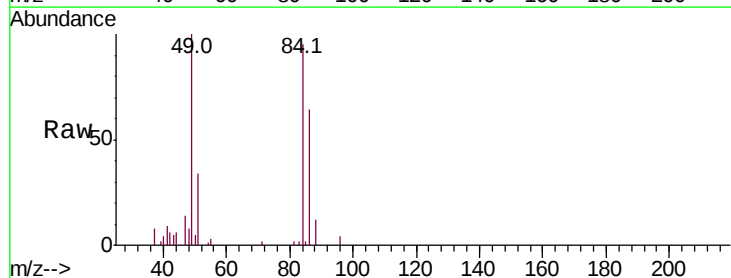
Instrument :  
MSVOA\_Y  
ClientSampleId :

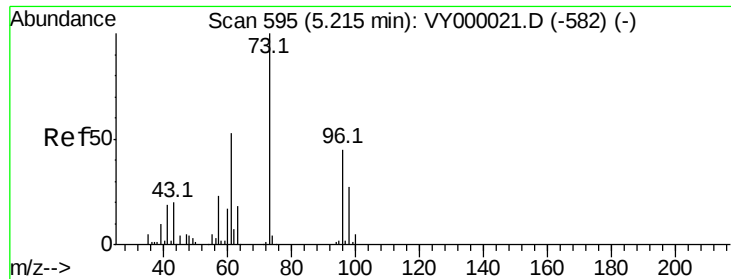
Tot Ion: 73 Resp: 20582  
Ion Ratio Lower Upper  
73 100  
57 25.8 17.8 26.8



#20  
Methylene Chloride  
Concen: 6.423 ug/l  
RT: 4.71 min Scan# 512  
Delta R.T. -0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion: 84 Resp: 11662  
Ion Ratio Lower Upper  
84 100  
49 105.1 84.4 126.6  
51 35.6 25.4 38.0  
86 67.1 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 5.761 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

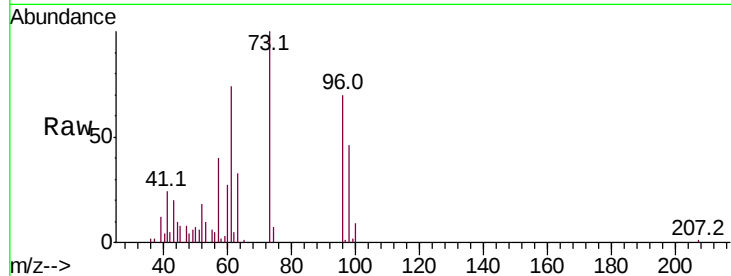
Tot Ion: 96 Resp: 8964

Ion Ratio Lower Upper

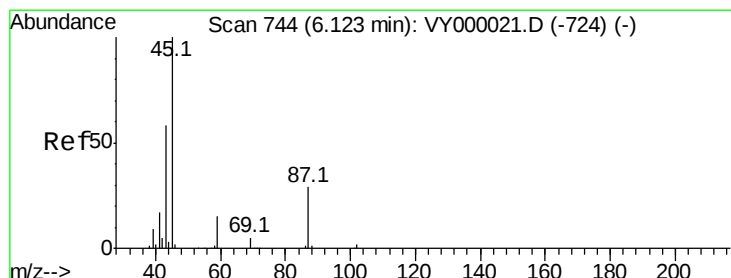
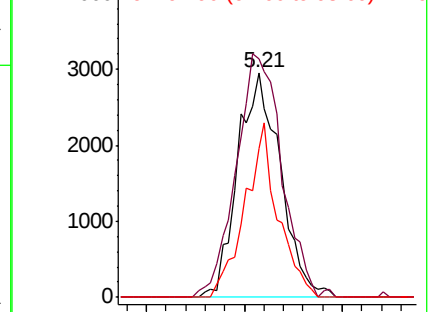
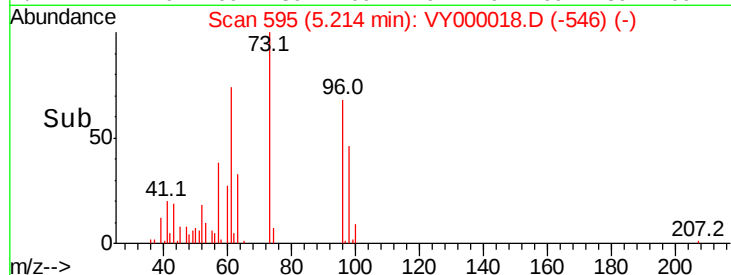
96 100

61 105.9 95.3 142.9

98 66.1 48.7 73.1



Abundance Ion 95.90 (95.60 to 96.60): VY000018.D (-546) (-)



#22

Diisopropyl ether

Concen: 4.970 ug/l

RT: 6.12 min Scan# 743

Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion: 45 Resp: 23935

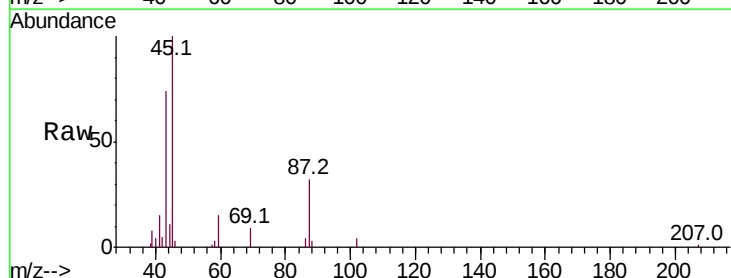
Ion Ratio Lower Upper

45 100

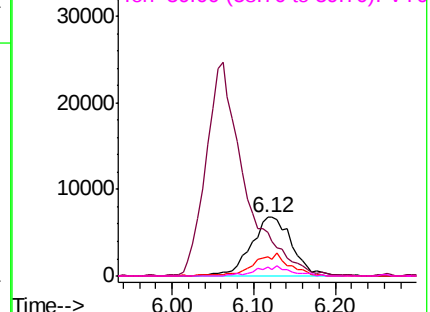
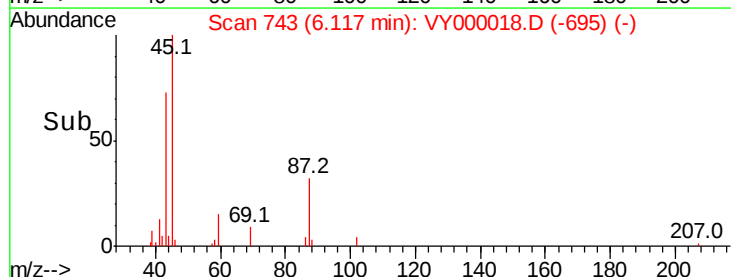
43 71.9 47.0 70.4#

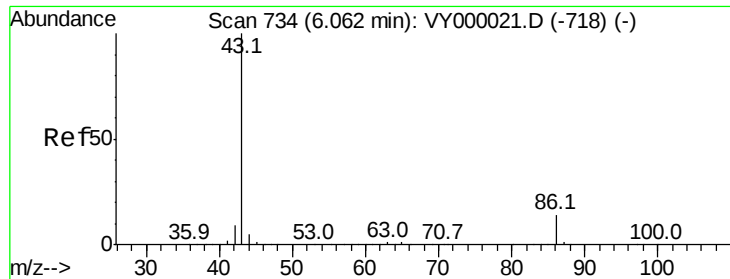
87 31.8 23.1 34.7

59 15.1 11.8 17.6



Abundance Ion 45.00 (44.70 to 45.70): VY000018.D (-695) (-)





#23

Vinyl Acetate

Concen: 24.676 ug/l

RT: 6.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

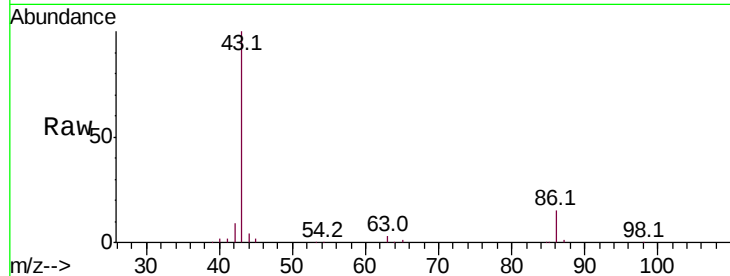
Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 43 Resp: 82219

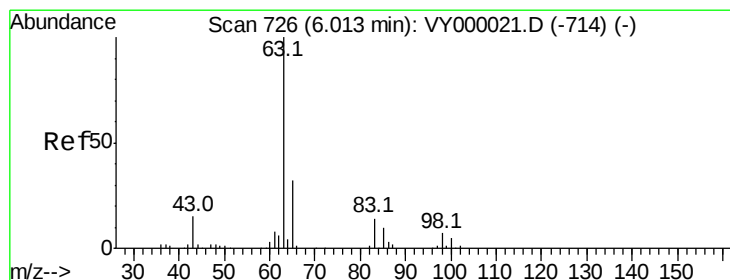
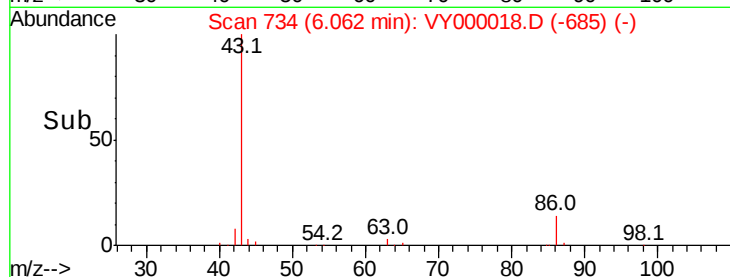
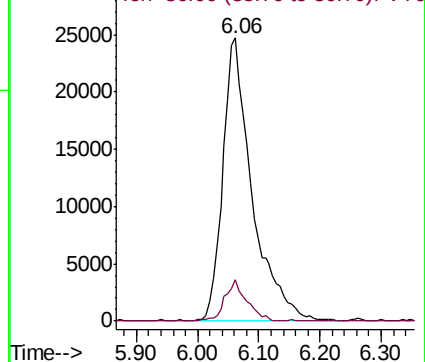
Ion Ratio Lower Upper

43 100

86 14.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 5.206 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

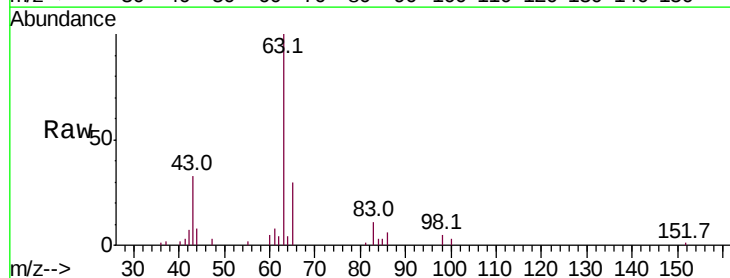
Tgt Ion: 63 Resp: 14859

Ion Ratio Lower Upper

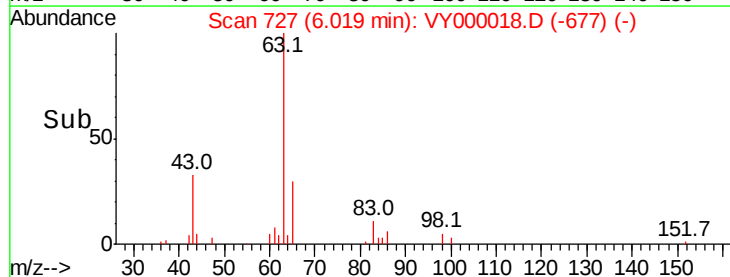
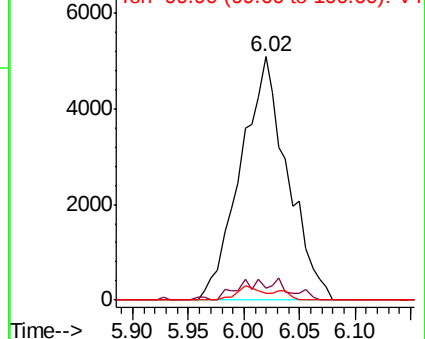
63 100

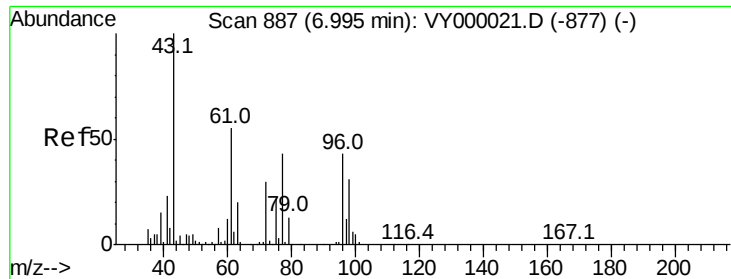
98 4.8 3.8 11.2

100 2.6 2.6 8.0#



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: 27.600 ug/l

RT: 7.00 min Scan# 888

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

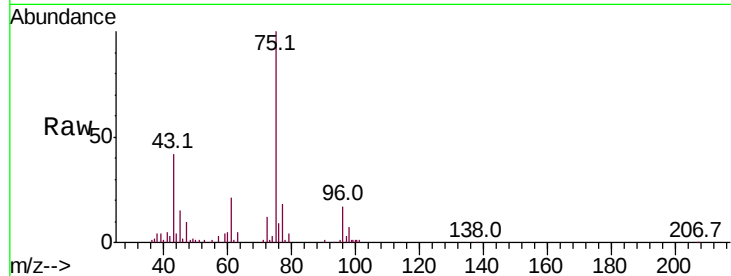
Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 43 Resp: 20431

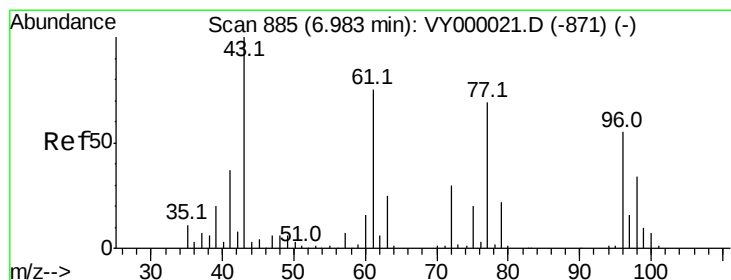
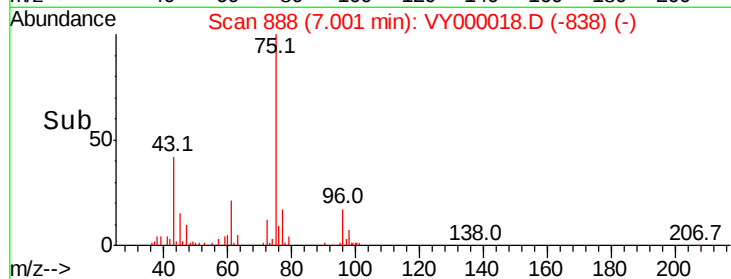
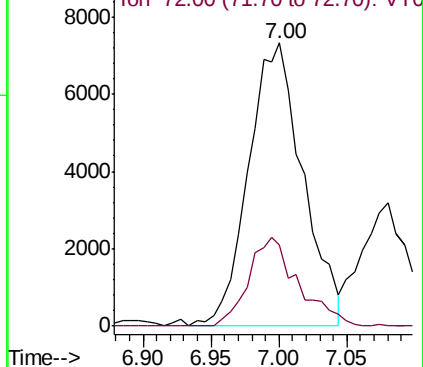
Ion Ratio Lower Upper

43 100

72 28.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 5.807 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000018.D

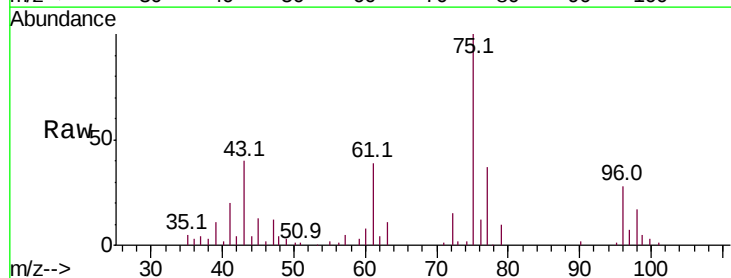
Acq: 12 Sep 2019 11:09

Tgt Ion: 77 Resp: 15397

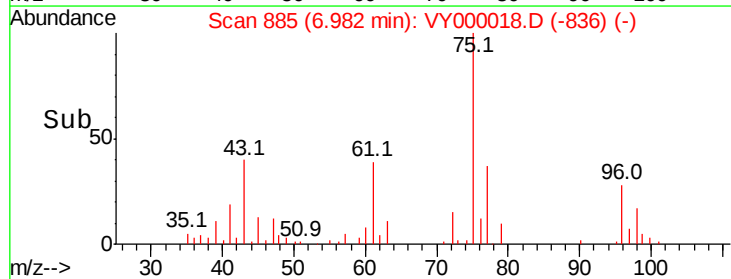
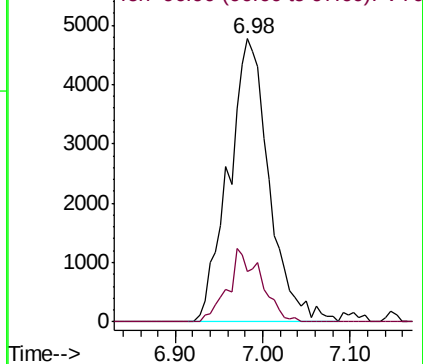
Ion Ratio Lower Upper

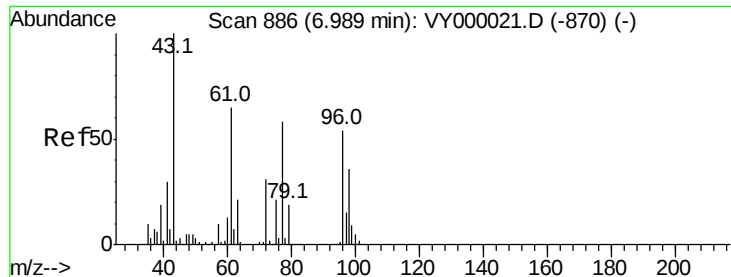
77 100

97 21.1 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0  
Ion 96.90 (96.60 to 97.60): VY0



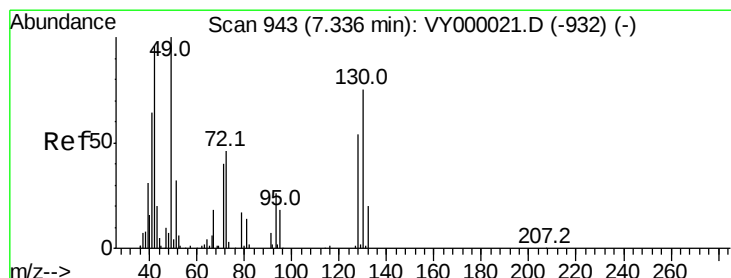
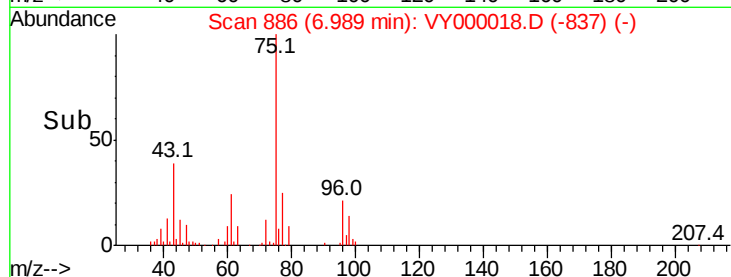
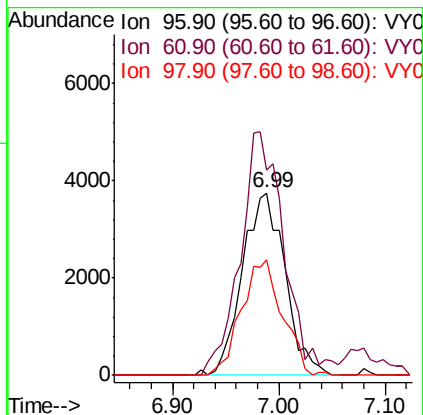
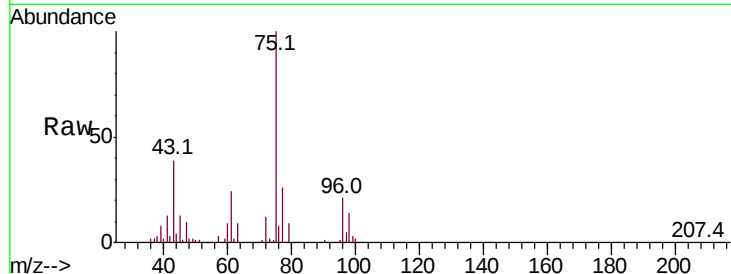


#27

cis-1,2-Dichloroethene  
 Concen: 5.369 ug/l  
 RT: 6.99 min Scan# 886  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Instrument :  
 MSVOA\_Y  
 ClientSampled :

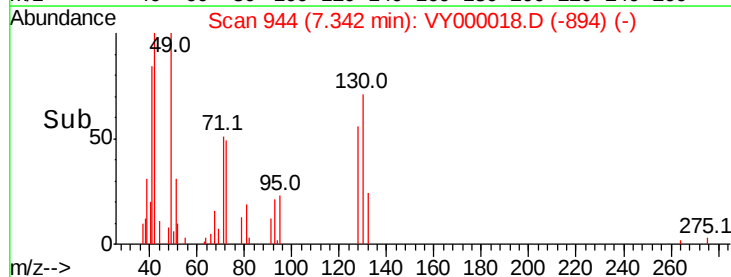
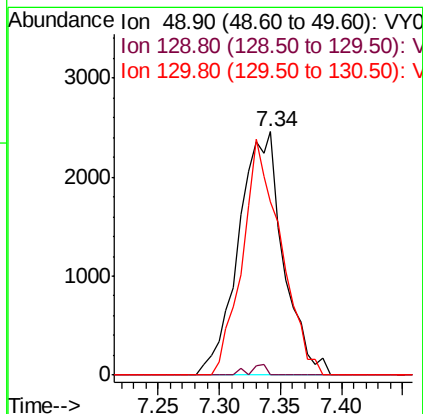
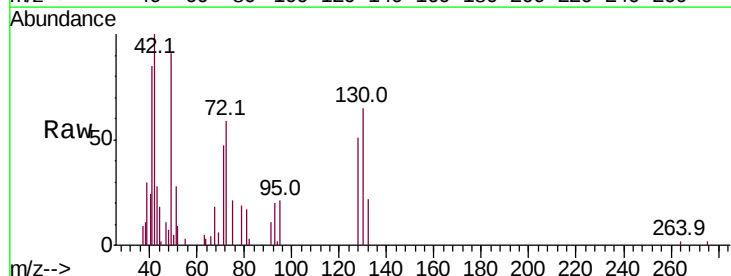
| Tot Ion | 96    | Resp  | 10539 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 136.9 | 0.0   | 259.2 |
| 98      | 61.0  | 0.0   | 127.4 |

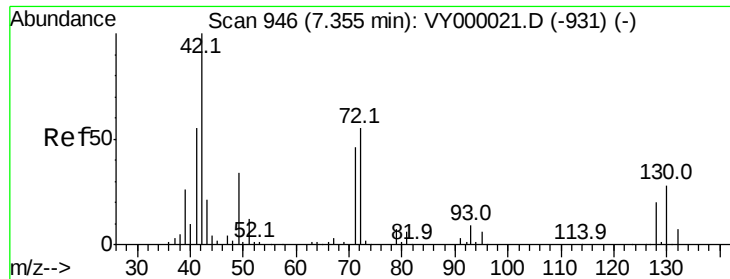


#28

Bromochloromethane  
 Concen: 4.764 ug/l  
 RT: 7.34 min Scan# 944  
 Delta R.T. 0.01 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

| Tgt Ion | 49    | Resp  | 6244  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 1.5   | 0.0   | 1.8   |
| 130     | 83.6  | 62.5  | 93.7  |

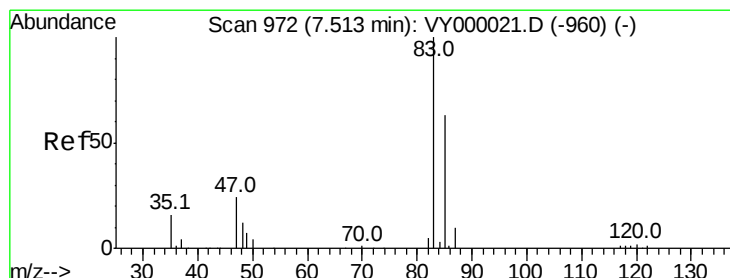
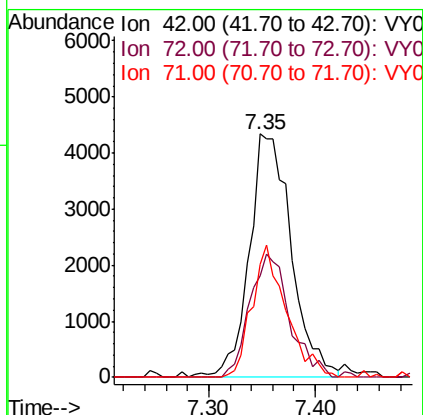
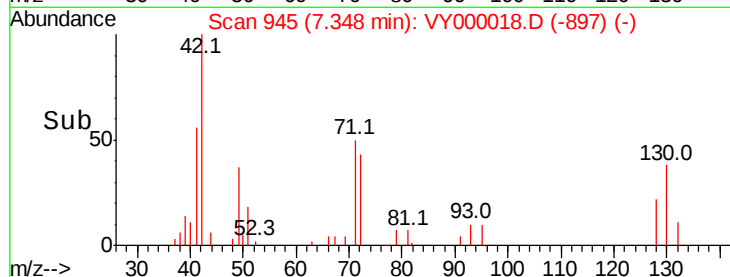
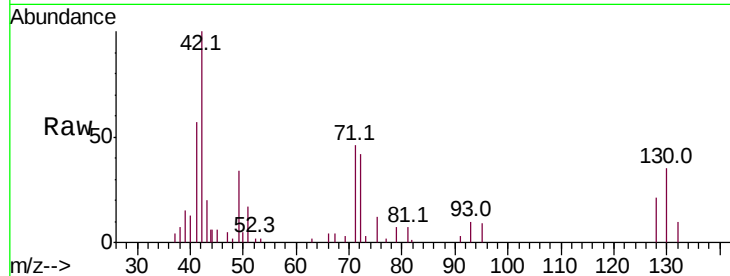




#29  
Tetrahydrofuran  
Concen: 27.244 ug/l  
RT: 7.35 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

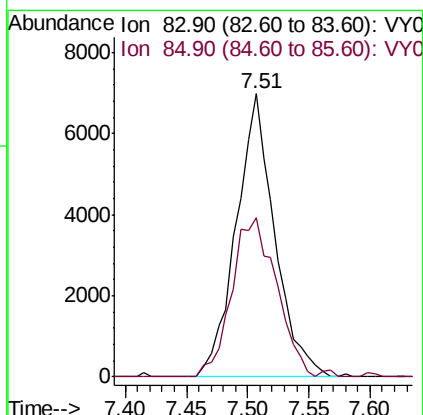
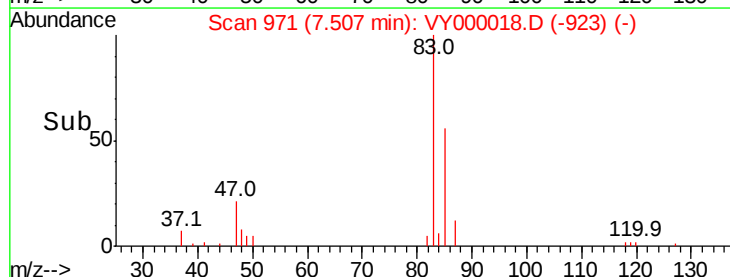
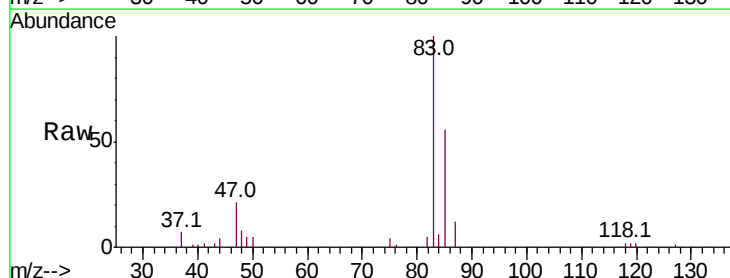
Instrument :  
MSVOA\_Y  
ClientSampled :

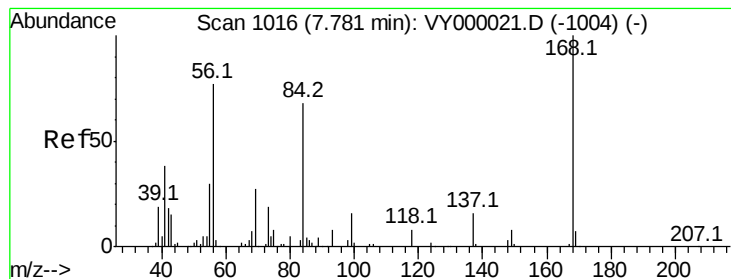
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.1  | 41.1  | 61.7  |
| 71      | 44.7  | 36.5  | 54.7  |



#30  
Chloroform  
Concen: 5.173 ug/l  
RT: 7.51 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 56.3  | 50.6  | 76.0  |





#31

Cyclohexane

Concen: 6.591 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :  
MSVOA\_Y  
ClientSampled :

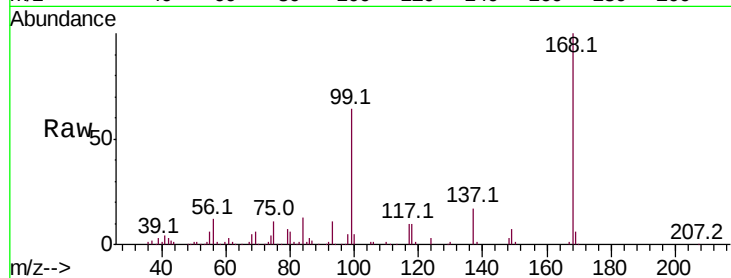
Tot Ion: 56 Resp: 15679

Ion Ratio Lower Upper

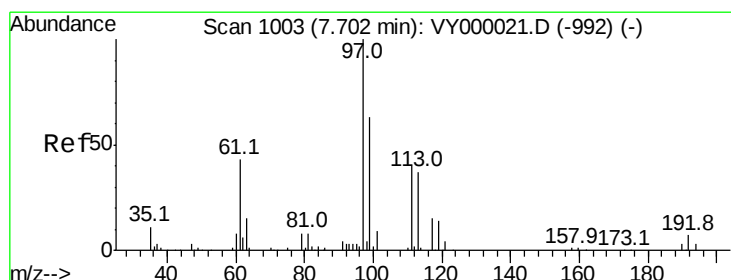
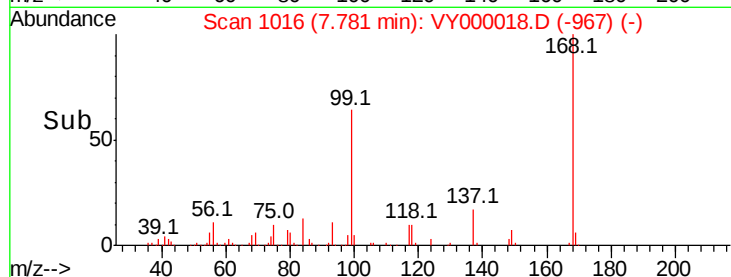
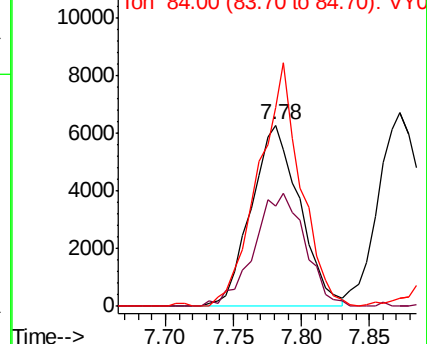
56 100

69 55.3 28.0 42.0#

84 110.2 70.4 105.6#



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



#32

1,1,1-Trichloroethane

Concen: 5.162 ug/l

RT: 7.70 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

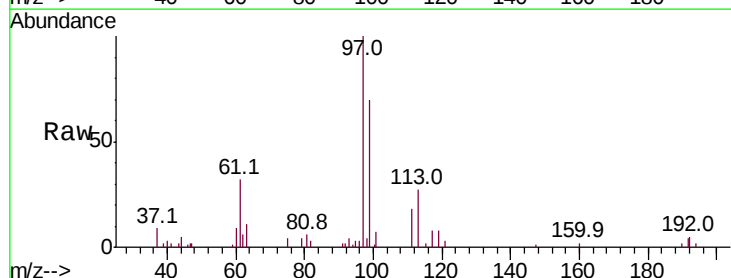
Tgt Ion: 97 Resp: 12464

Ion Ratio Lower Upper

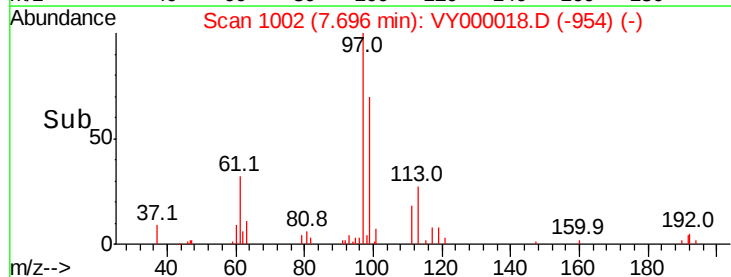
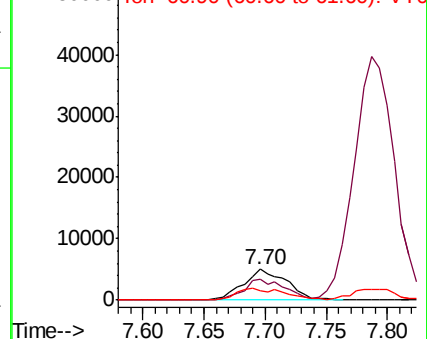
97 100

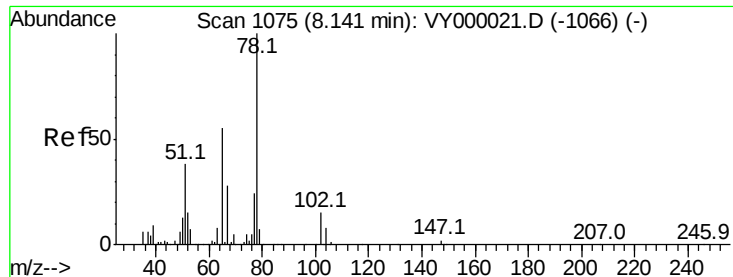
99 64.3 51.0 76.6

61 41.3 35.7 53.5



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

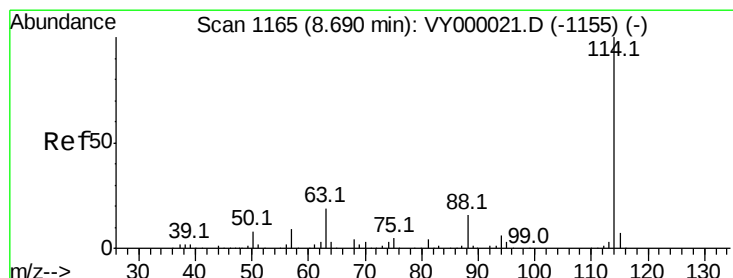
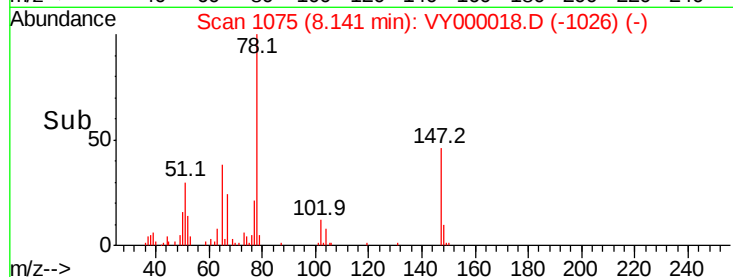
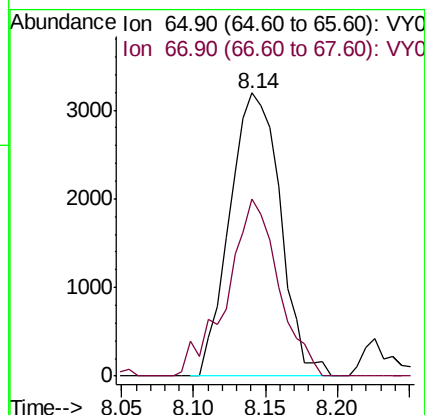
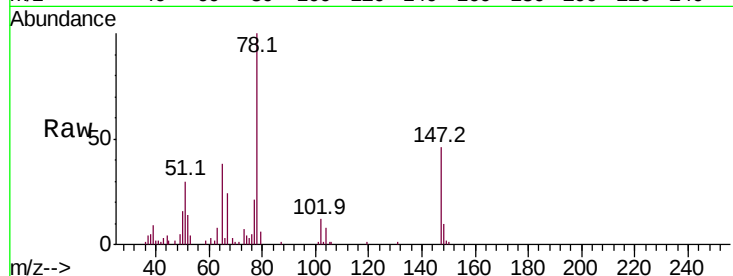




#33  
 1,2-Dichloroethane-d4  
 Concen: 4.736 ug/l  
 RT: 8.14 min Scan# 1075  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

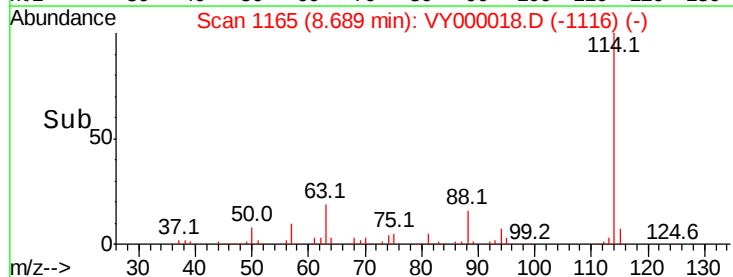
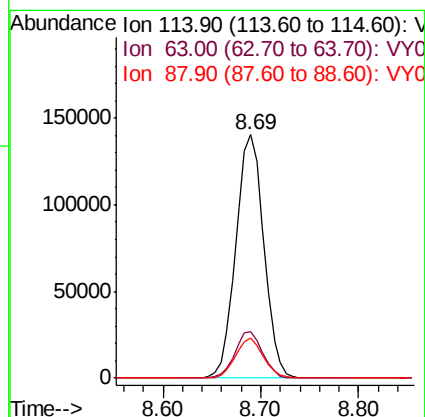
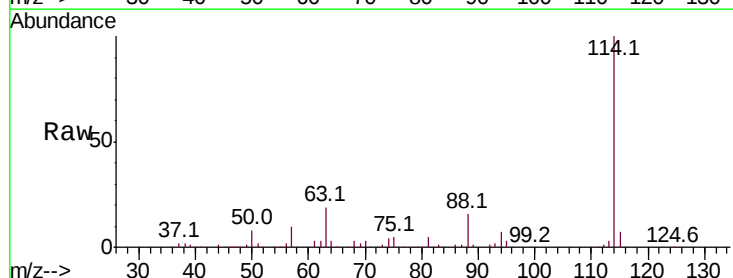
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

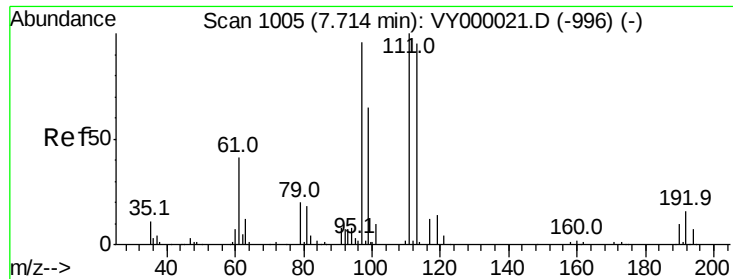
Tot Ion: 65 Resp: 7779  
 Ion Ratio Lower Upper  
 65 100  
 67 63.9 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1165  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Tgt Ion: 114 Resp: 279206  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 38.6  
 88 16.5 0.0 31.8

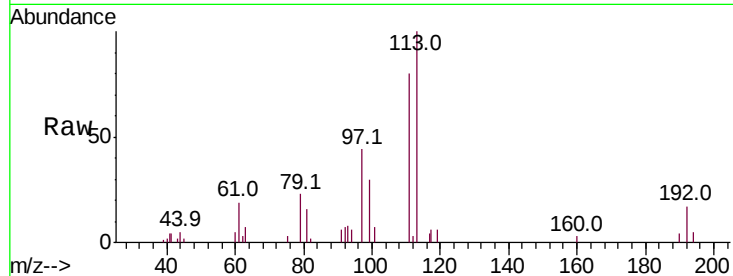




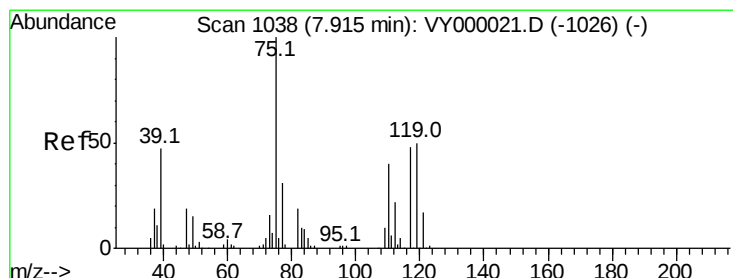
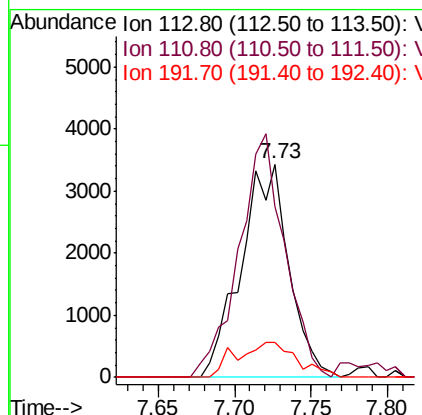
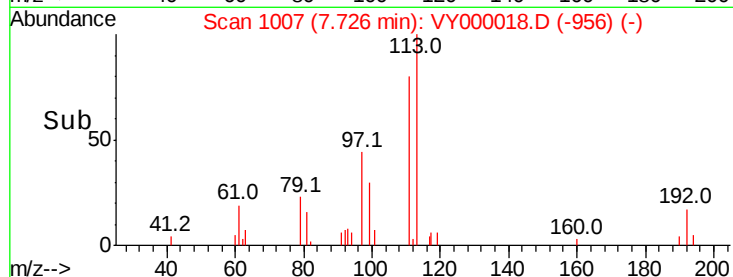
#35  
 Dibromofluoromethane  
 Concen: 4.689 ug/l  
 RT: 7.73 min Scan# 1007  
 Delta R.T. 0.01 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Instrument :  
 MSVOA\_Y  
 ClientSampled :

Tot Ion:113 Resp: 7511  
 Ion Ratio Lower Upper  
 113 100  
 111 107.8 83.9 125.9  
 192 20.5 14.5 21.7

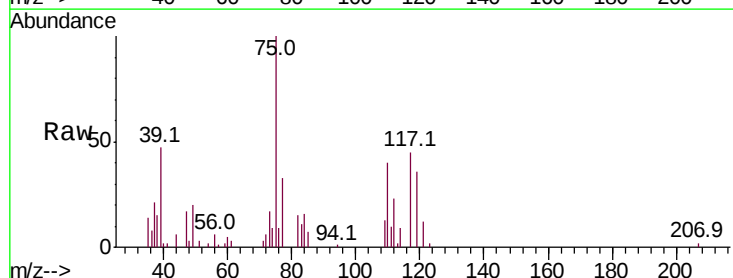


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

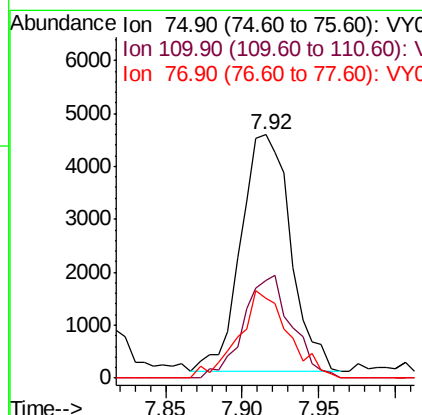
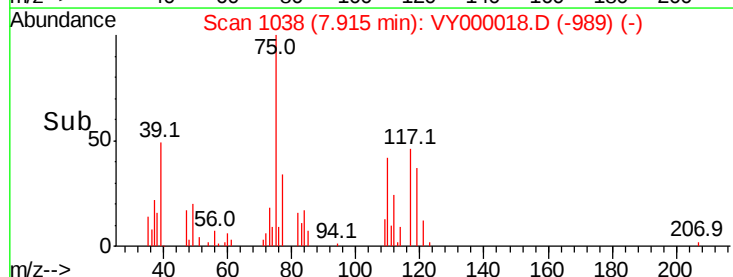


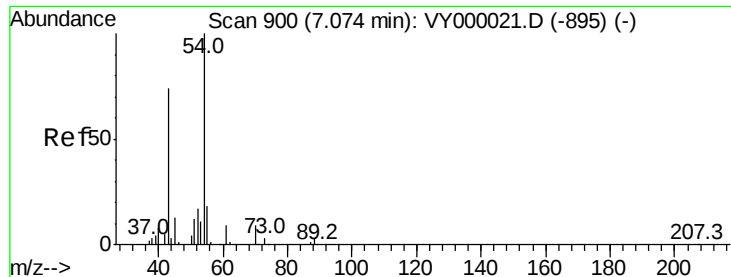
#36  
 1,1-Dichloropropene  
 Concen: 4.976 ug/l  
 RT: 7.92 min Scan# 1038  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Tgt Ion: 75 Resp: 10201  
 Ion Ratio Lower Upper  
 75 100  
 110 41.6 18.6 55.8  
 77 36.2 24.4 36.6



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

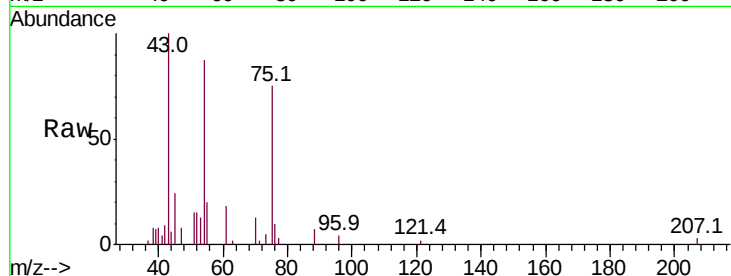




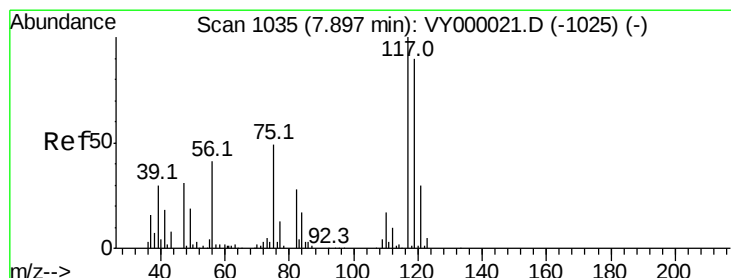
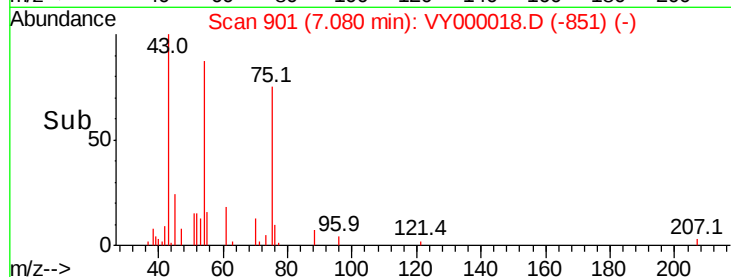
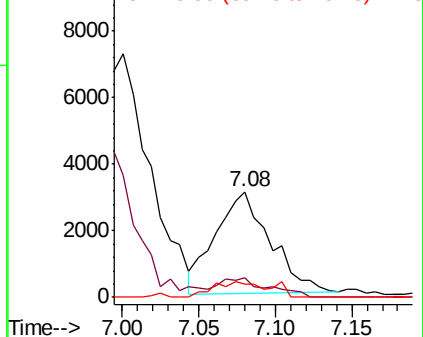
#37  
Ethyl Acetate  
Concen: 5.598 ug/l  
RT: 7.08 min Scan# 901  
Delta R.T. 0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 43 Resp: 7739  
Ion Ratio Lower Upper  
43 100  
61 16.6 13.1 19.7  
70 15.4 10.9 16.3

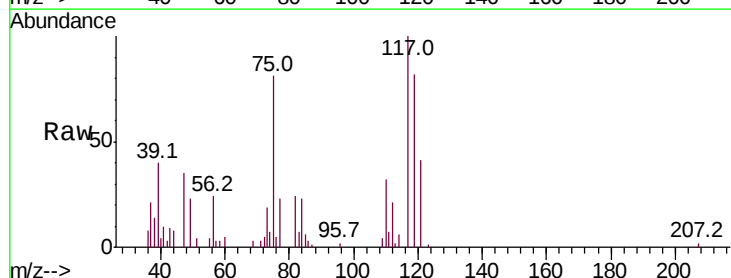


Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 70.00 (69.70 to 70.70): VY0

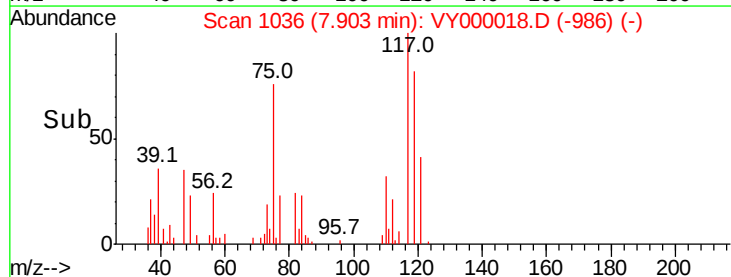
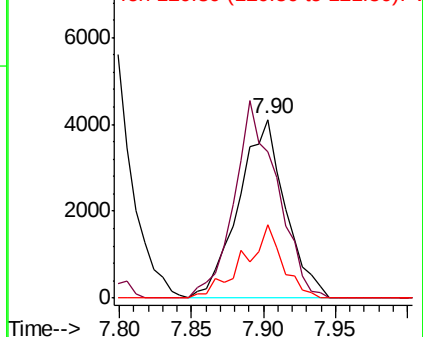


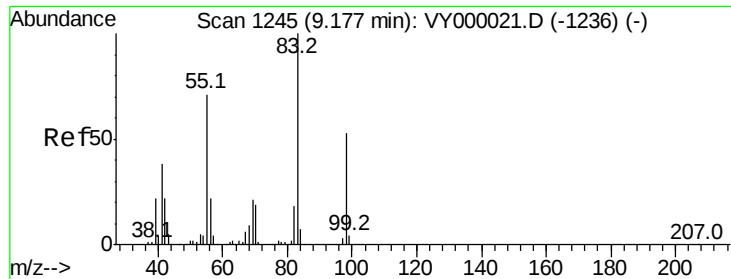
#38  
Carbon Tetrachloride  
Concen: 4.778 ug/l  
RT: 7.90 min Scan# 1036  
Delta R.T. 0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion: 117 Resp: 9245  
Ion Ratio Lower Upper  
117 100  
119 81.9 72.1 108.1  
121 41.1 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

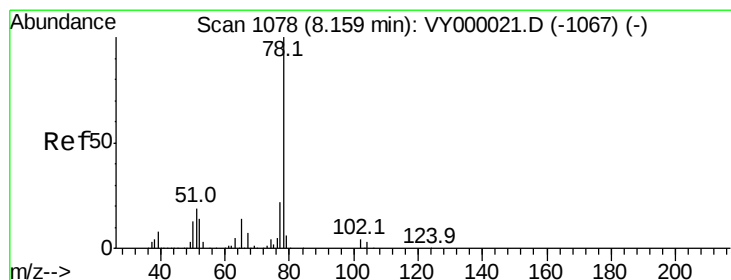
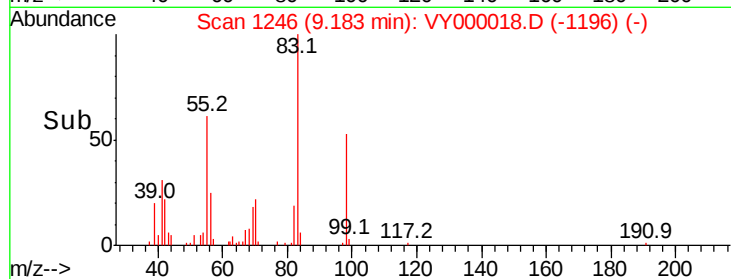
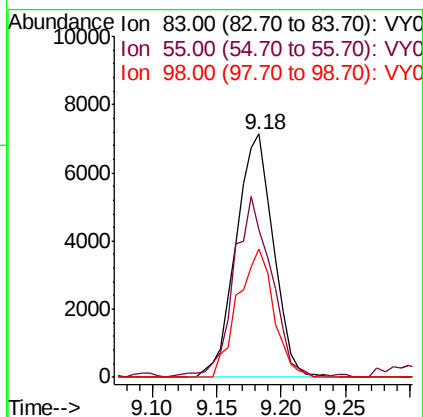
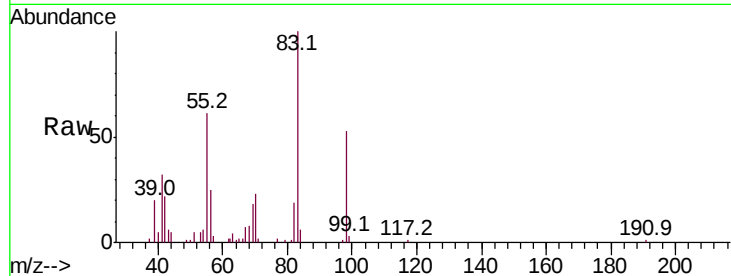




#39  
Methvlcvclohexane  
Concen: 5.657 ug/l  
RT: 9.18 min Scan# 1246  
Delta R.T. 0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

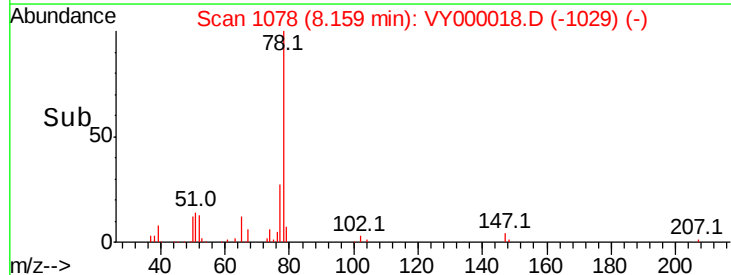
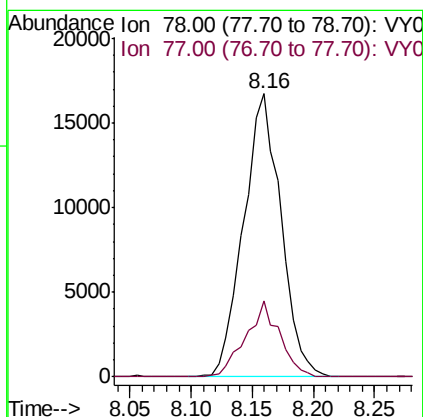
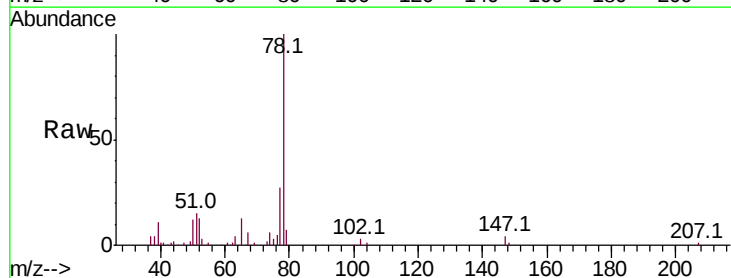
Instrument :  
MSVOA\_Y  
ClientSampleId :

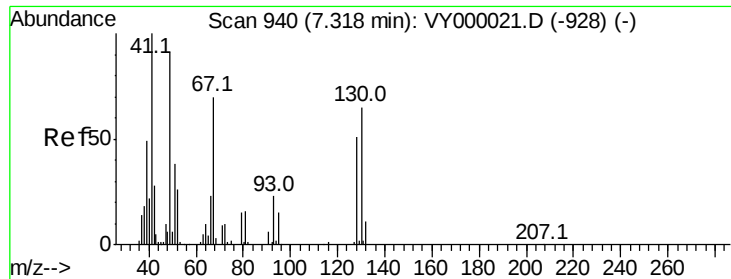
Tot Ion: 83 Resp: 14328  
Ion Ratio Lower Upper  
83 100  
55 59.7 57.0 85.4  
98 52.7 42.0 63.0



#40  
Benzene  
Concen: 5.346 ug/l  
RT: 8.16 min Scan# 1078  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion: 78 Resp: 35682  
Ion Ratio Lower Upper  
78 100  
77 26.9 17.8 26.6#

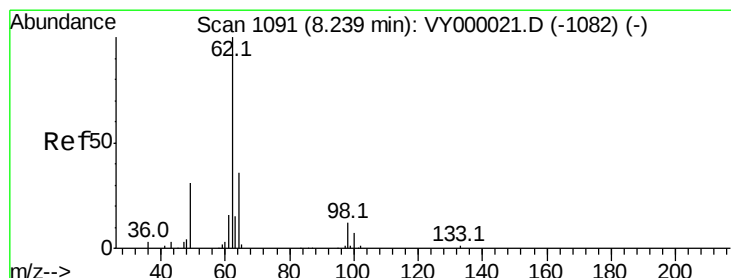
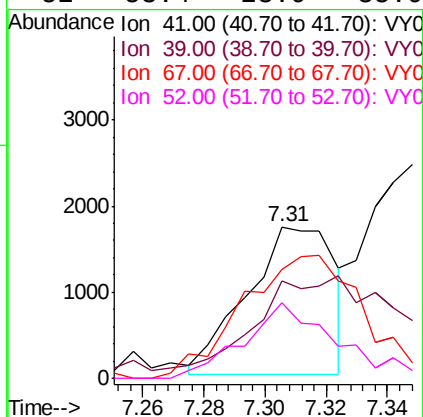
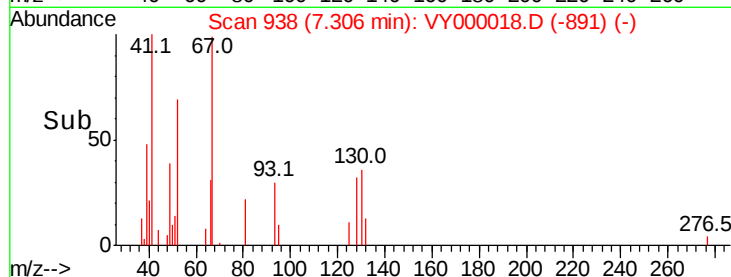
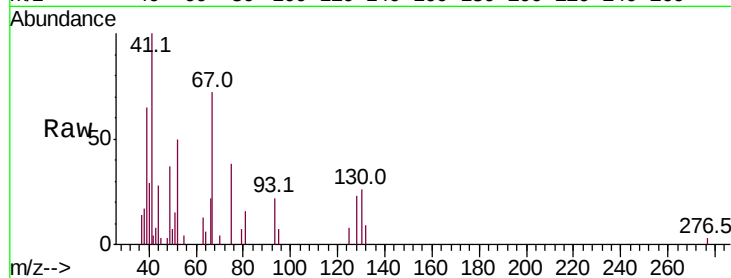




#41  
Methacrylonitrile  
Concen: 1.897 ug/l  
RT: 7.31 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

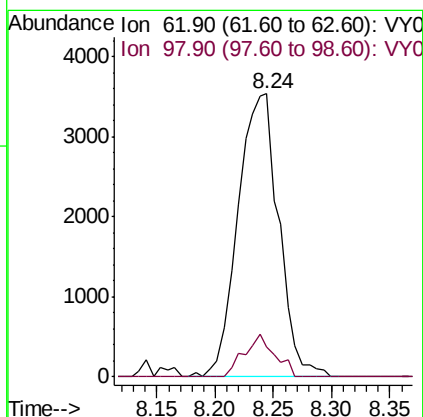
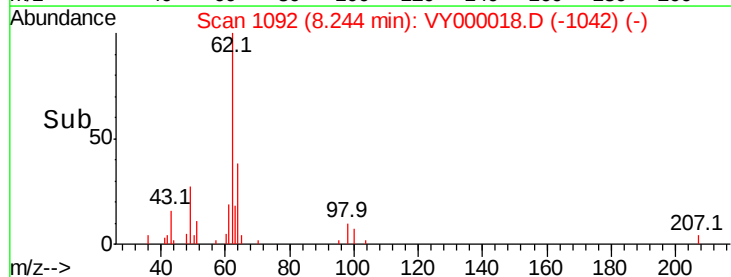
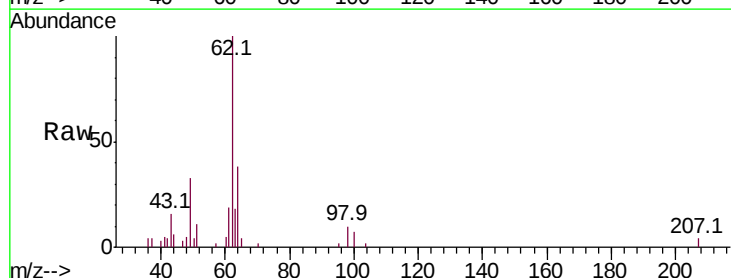
Instrument :  
MSVOA\_Y  
ClientSampled :

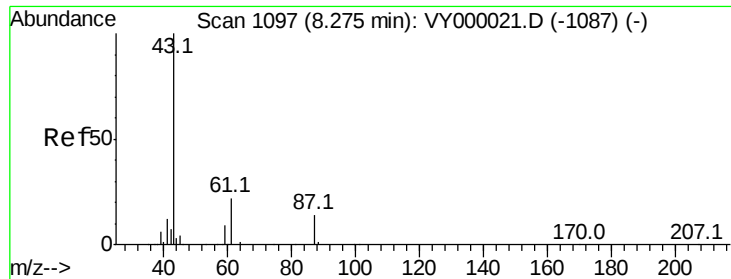
Tot Ion: 41 Resp: 3406  
Ion Ratio Lower Upper  
41 100  
39 96.1 41.8 62.6#  
67 115.4 65.8 98.6#  
52 53.4 23.9 35.9#



#42  
1,2-Dichloroethane  
Concen: 5.060 ug/l  
RT: 8.24 min Scan# 1092  
Delta R.T. 0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion: 62 Resp: 8630  
Ion Ratio Lower Upper  
62 100  
98 11.2 0.0 23.2





#43

Isopropyl Acetate

Concen: 5.131 ug/l

RT: 8.28 min Scan# 1098

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

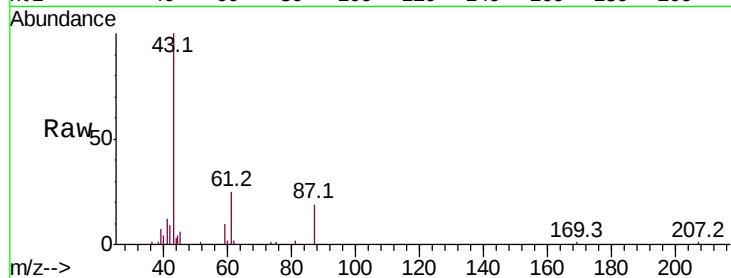
Tot Ion: 43 Resp: 13746

Ion Ratio Lower Upper

43 100

61 32.7 24.9 37.3

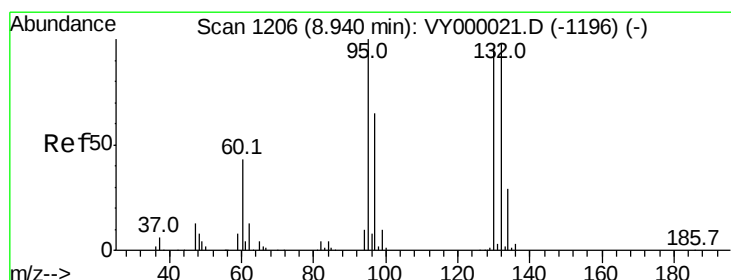
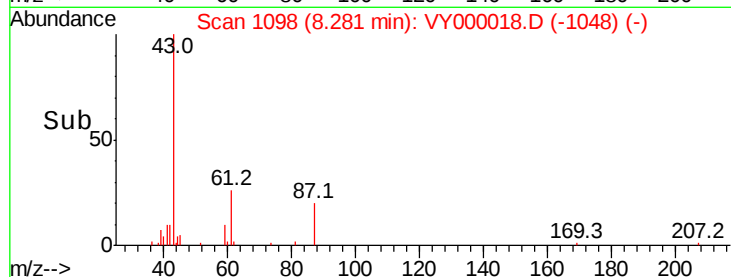
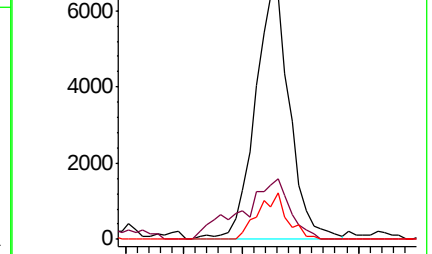
87 15.5 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VY000021.D (-1087) (-)

Ion 61.00 (60.70 to 61.70): VY000021.D (-1087) (-)

Ion 87.00 (86.70 to 87.70): VY000021.D (-1087) (-)



#44

Trichloroethene

Concen: 5.203 ug/l

RT: 8.93 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VY000018.D

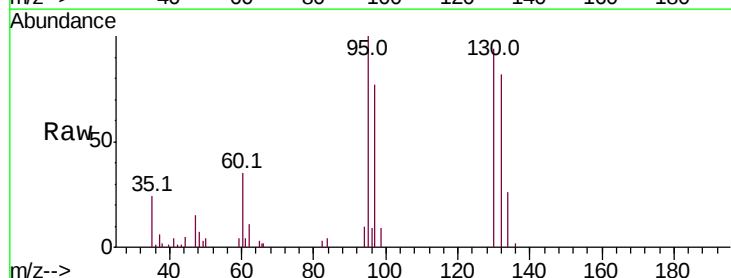
Acq: 12 Sep 2019 11:09

Tgt Ion: 130 Resp: 8670

Ion Ratio Lower Upper

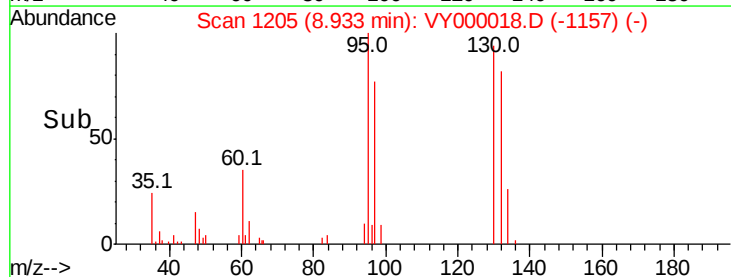
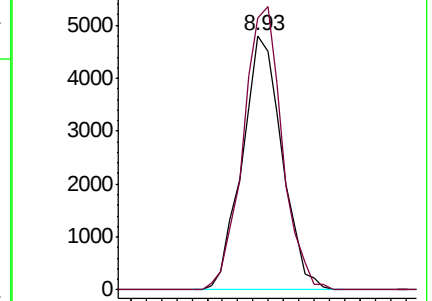
130 100

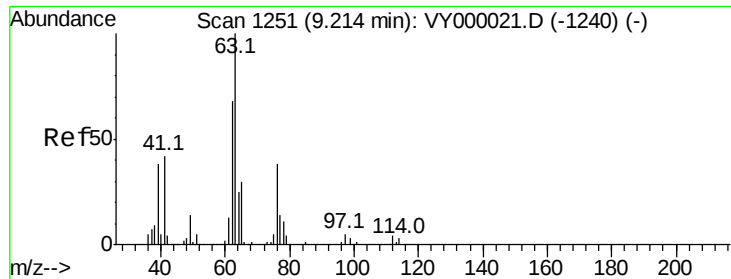
95 106.7 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): VY000021.D (-1196) (-)

Ion 94.90 (94.60 to 95.60): VY000021.D (-1196) (-)





#45

1,2-Dichloropropane

Concen: 5.330 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

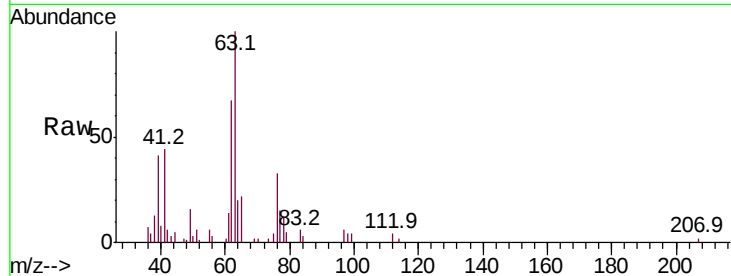
ClientSampled :

Tot Ion: 63 Resp: 9172

Ion Ratio Lower Upper

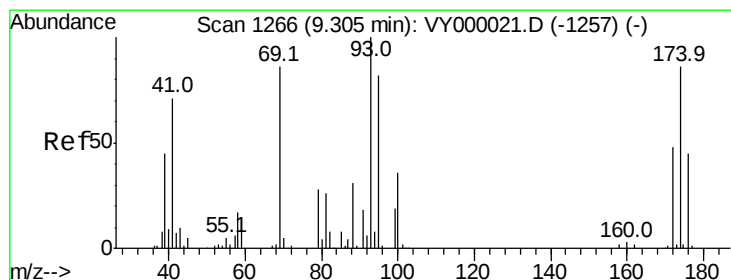
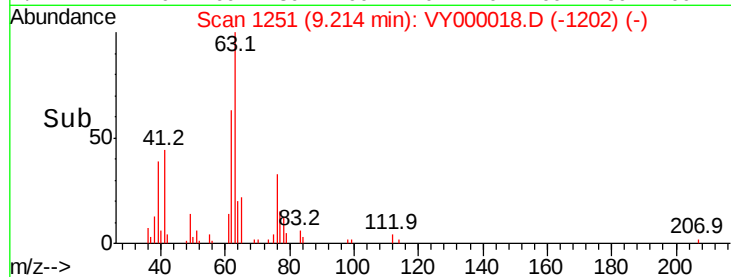
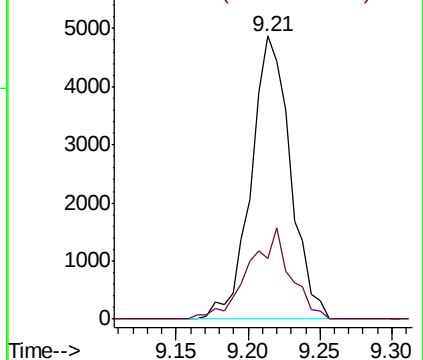
63 100

65 21.6 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 5.392 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

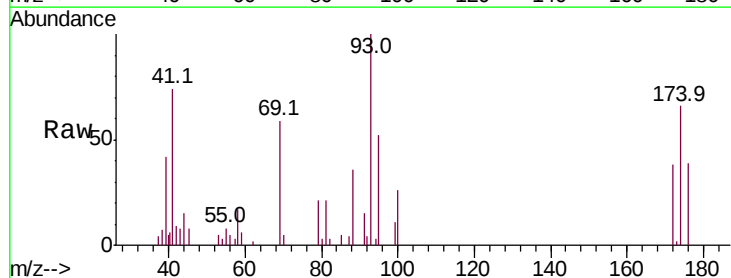
Tgt Ion: 93 Resp: 5150

Ion Ratio Lower Upper

93 100

95 76.2 67.0 100.6

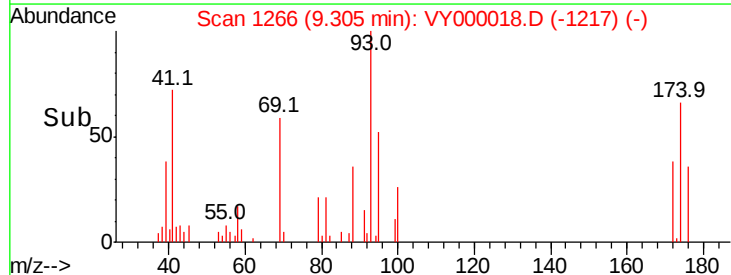
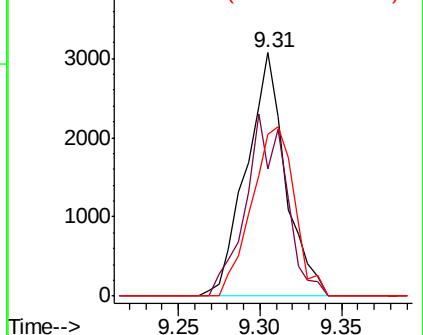
174 75.7 68.8 103.2

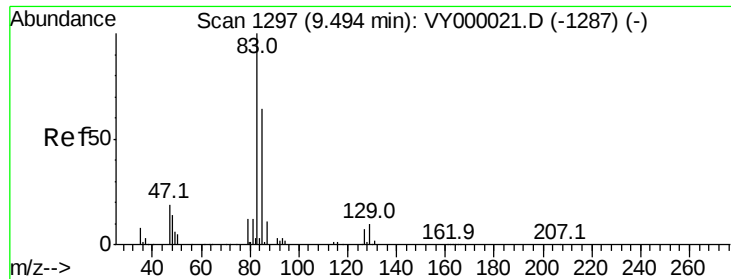


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.917 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

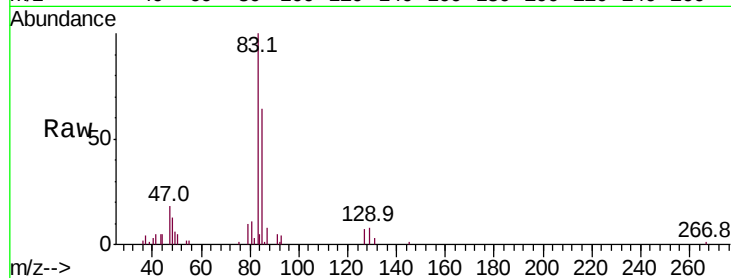
Tot Ion: 83 Resp: 11210

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.2

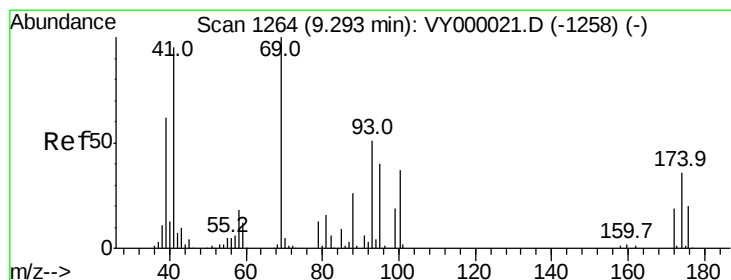
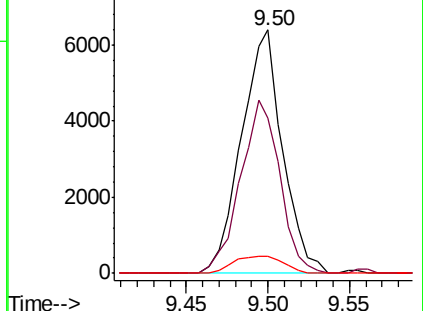
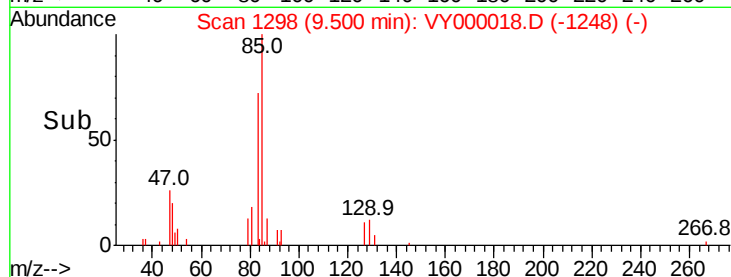
127 7.0 5.4 8.2



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 5.543 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

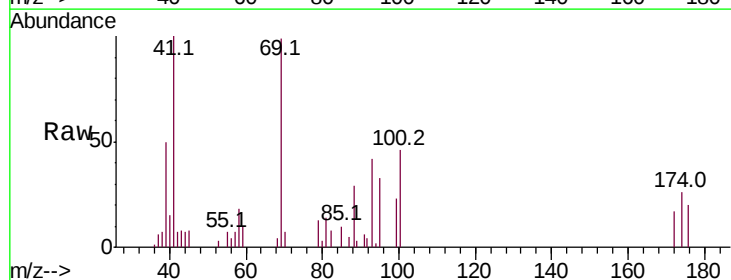
Tgt Ion: 41 Resp: 6552

Ion Ratio Lower Upper

41 100

69 103.1 79.7 119.5

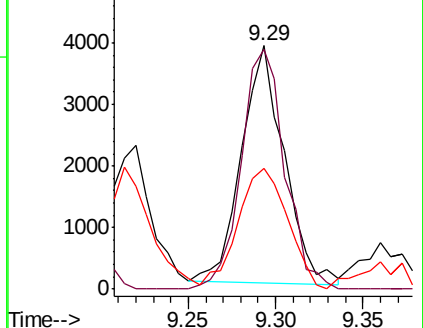
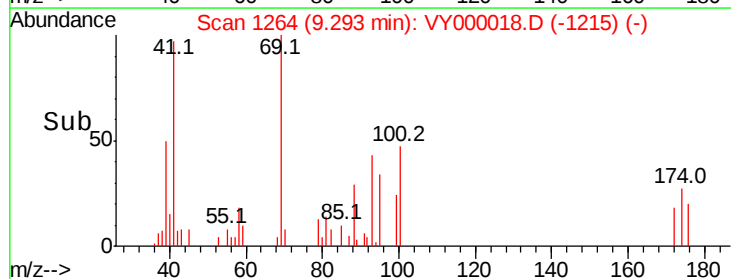
39 59.4 48.6 72.8

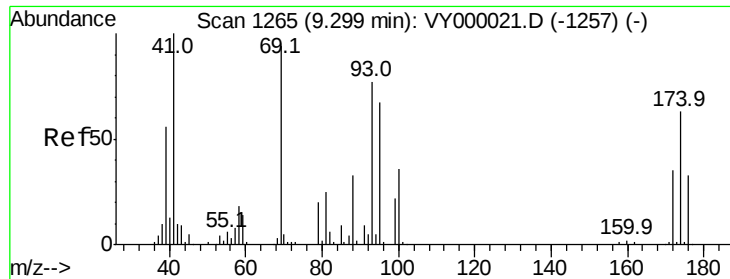


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 120.688 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. -0.01 min

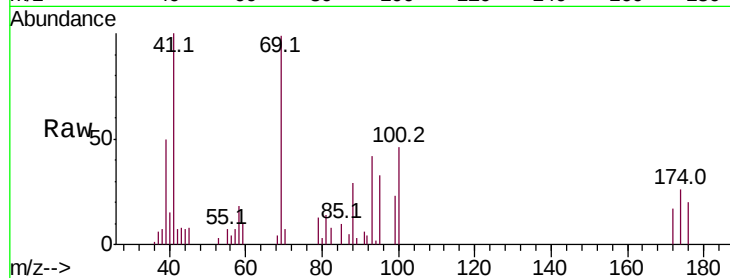
Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

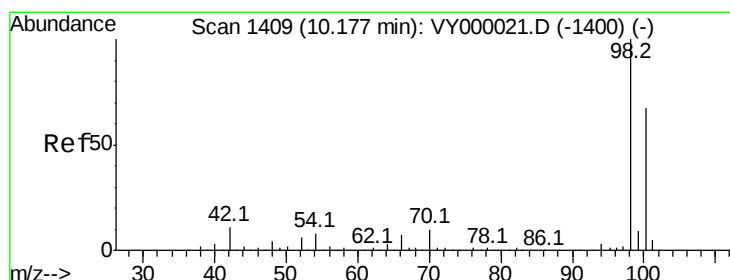
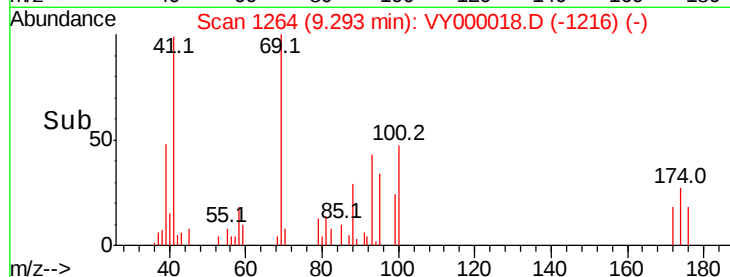
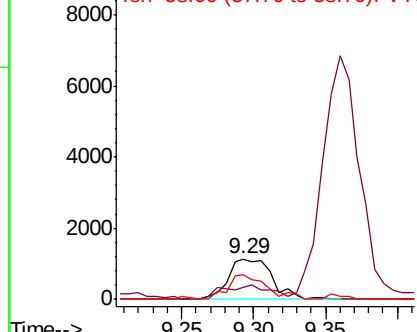
Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 88 Resp: 2414

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 38.9  | 24.6  | 37.0# |
| 58  | 54.4  | 52.7  | 79.1  |



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



#50

Toluene-d8

Concen: 4.828 ug/l

RT: 10.18 min Scan# 1409

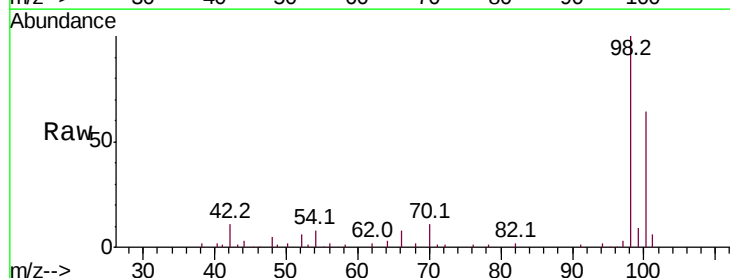
Delta R.T. -0.00 min

Lab File: VY000018.D

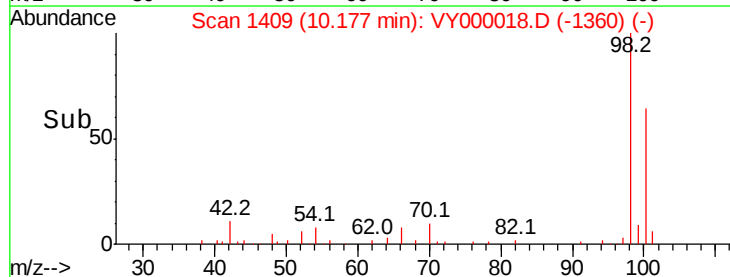
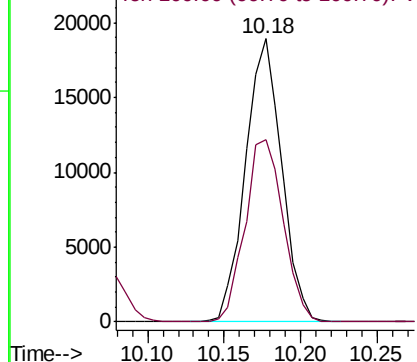
Acq: 12 Sep 2019 11:09

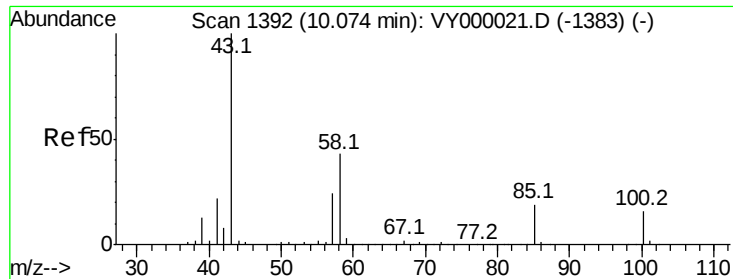
Tgt Ion: 98 Resp: 31138

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 68.0  | 54.0  | 81.0  |



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





#51

4-Methyl-2-Pentanone

Concen: 27.781 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

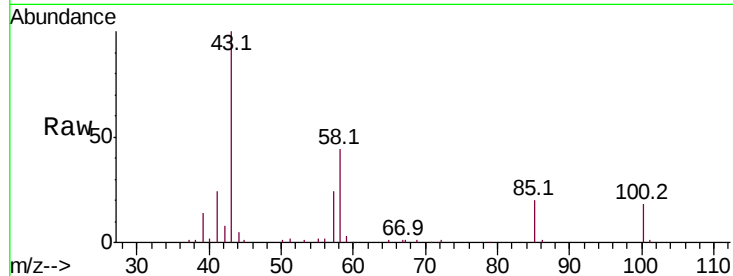
ClientSampleId :

Tot Ion: 43 Resp: 41700

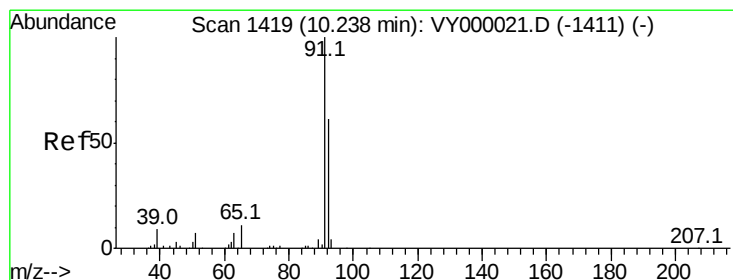
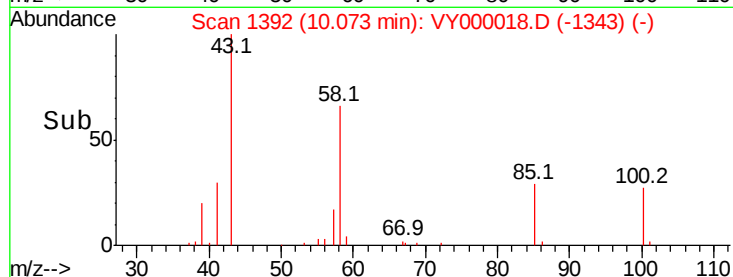
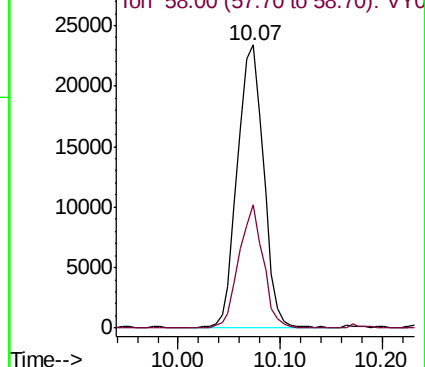
Ion Ratio Lower Upper

43 100

58 40.0 34.1 51.1



Abundance Ion 43.00 (42.70 to 43.70): VY0



#52

Toluene

Concen: 5.165 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VY000018.D

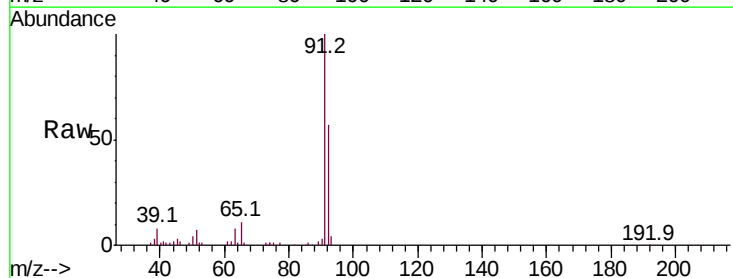
Acq: 12 Sep 2019 11:09

Tgt Ion: 92 Resp: 21660

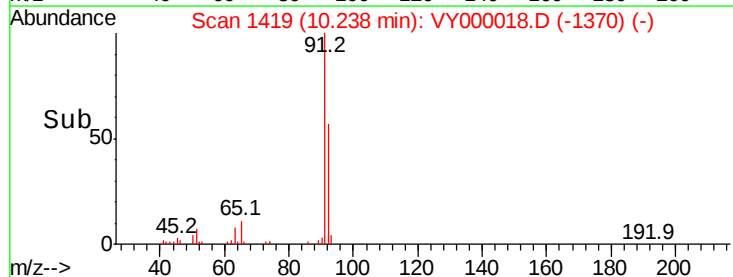
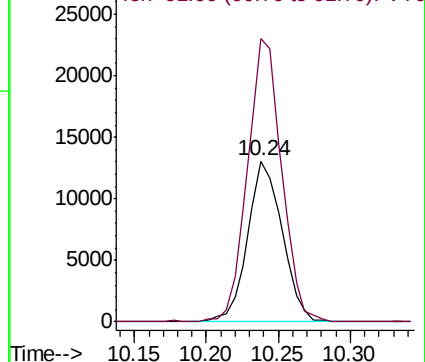
Ion Ratio Lower Upper

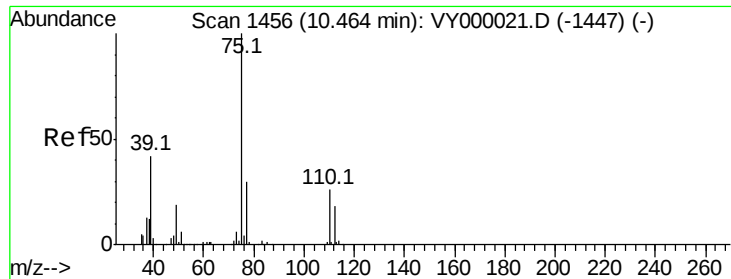
92 100

91 173.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0





#53

t-1,3-Dichloropropene

Concen: 4.941 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

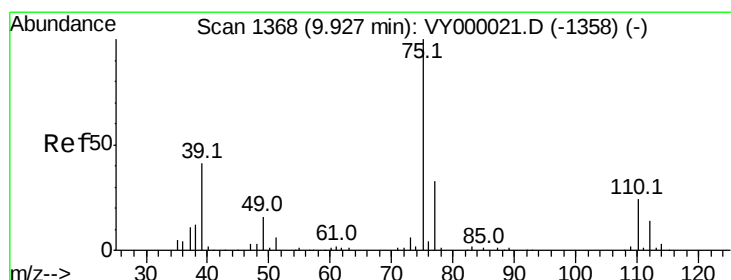
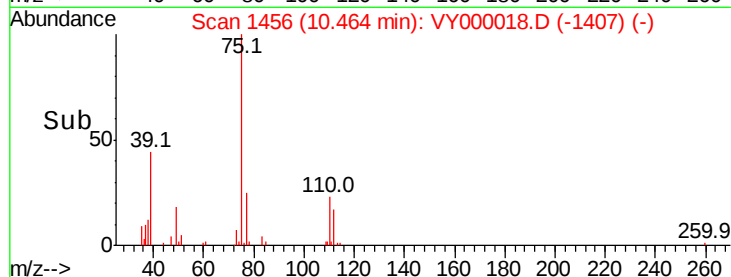
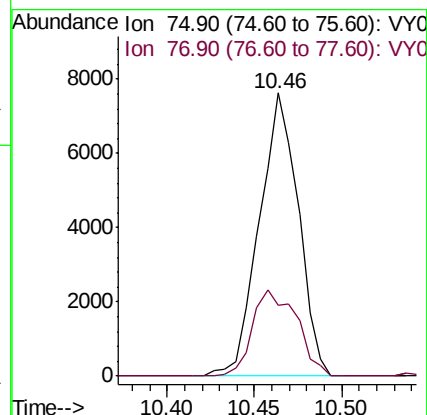
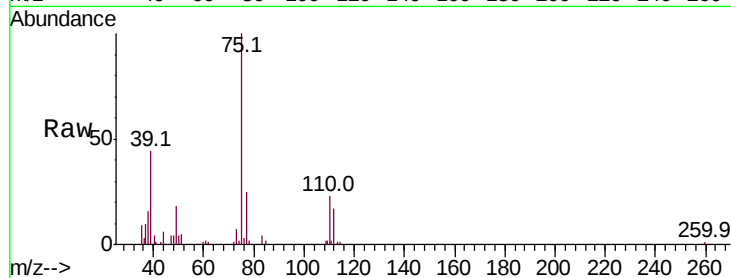
ClientSampleId :

Tot Ion: 75 Resp: 11845

Ion Ratio Lower Upper

75 100

77 24.8 23.8 35.8



#54

cis-1,3-Dichloropropene

Concen: 5.366 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

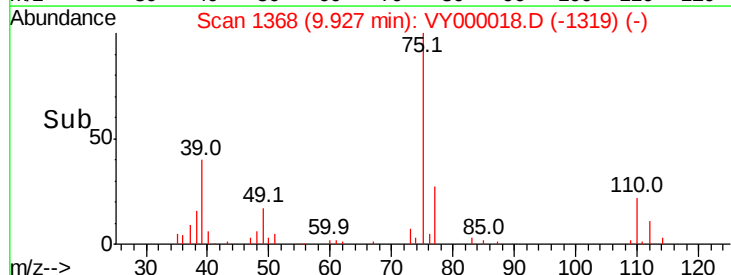
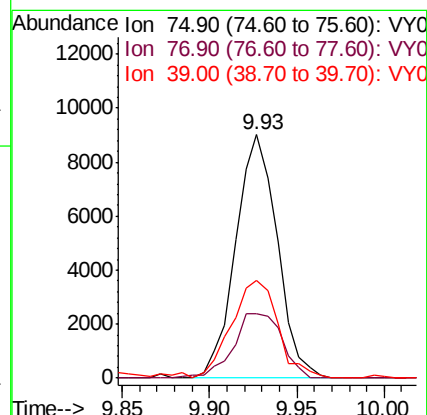
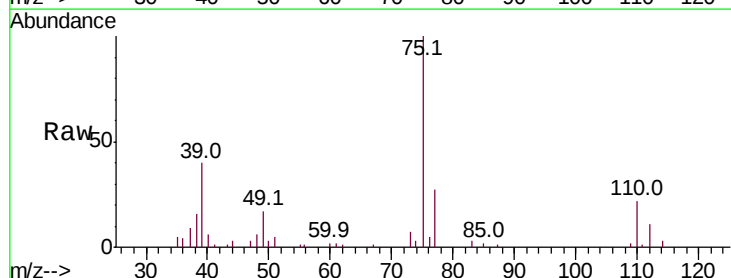
Tgt Ion: 75 Resp: 14968

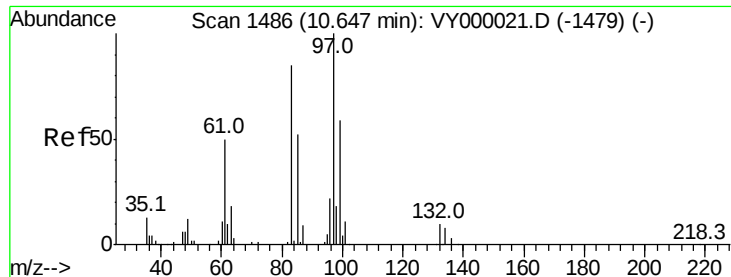
Ion Ratio Lower Upper

75 100

77 26.5 26.3 39.5

39 40.2 32.9 49.3





#55

1,1,2-Trichloroethane

Concen: 5.404 ug/l

RT: 10.64 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

Tot Ion: 97 Resp: 8179

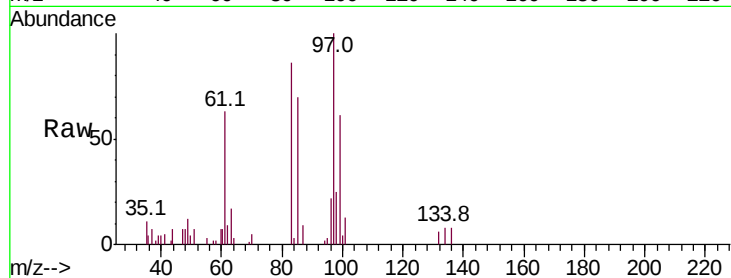
Ion Ratio Lower Upper

97 100

83 85.7 68.2 102.2

85 69.6 41.7 62.5#

99 61.2 47.3 70.9

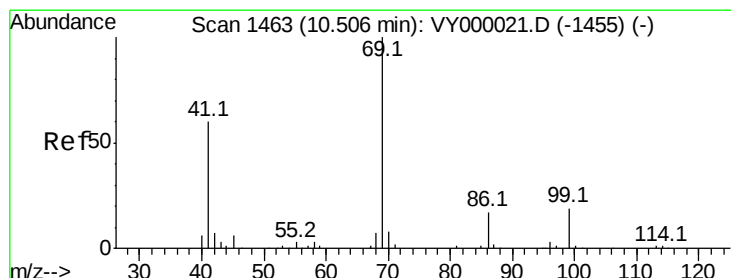
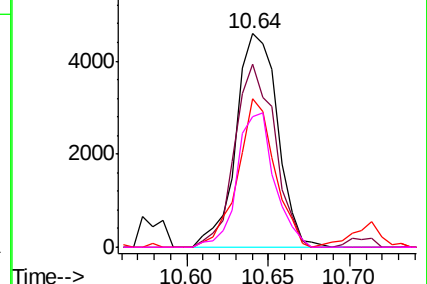
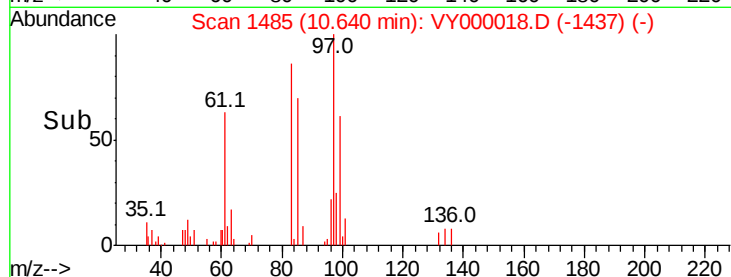


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 5.304 ug/l

RT: 10.51 min Scan# 1463

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

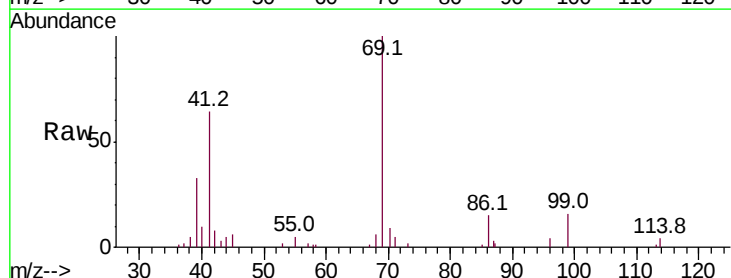
Tgt Ion: 69 Resp: 11267

Ion Ratio Lower Upper

69 100

41 60.0 47.0 70.4

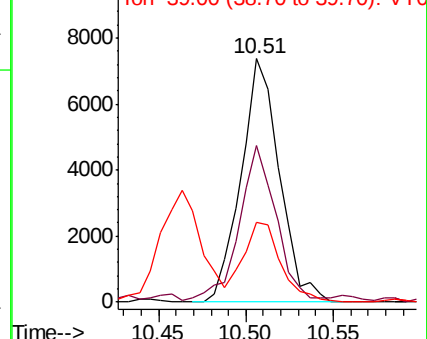
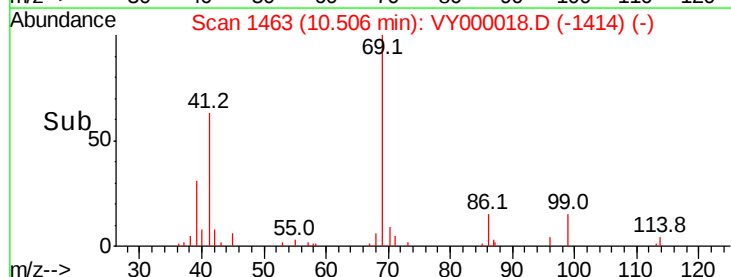
39 32.4 26.4 39.6

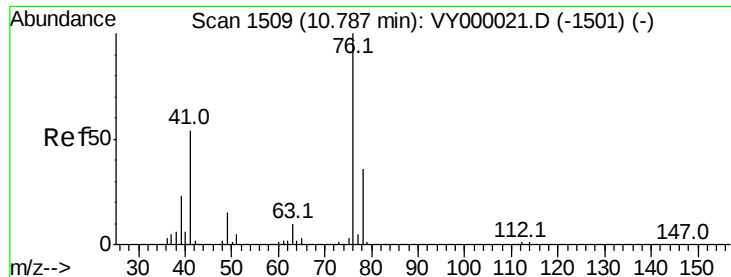


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 5.171 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

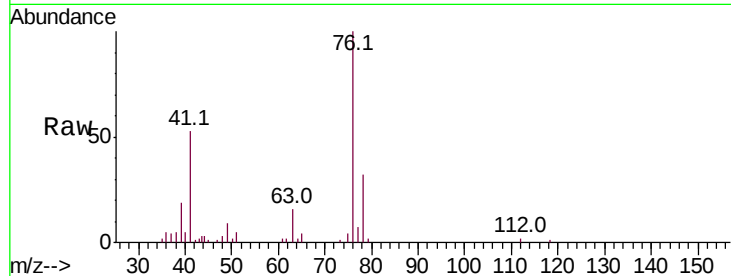
ClientSampled :

Tot Ion: 76 Resp: 12517

Ion Ratio Lower Upper

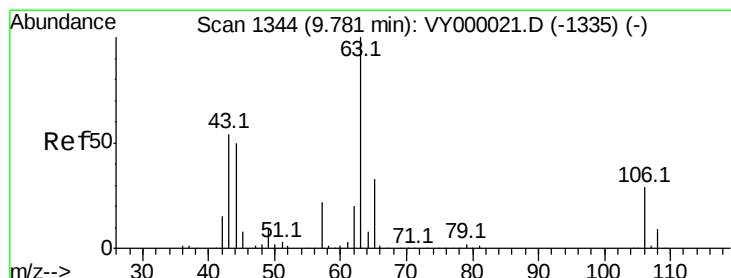
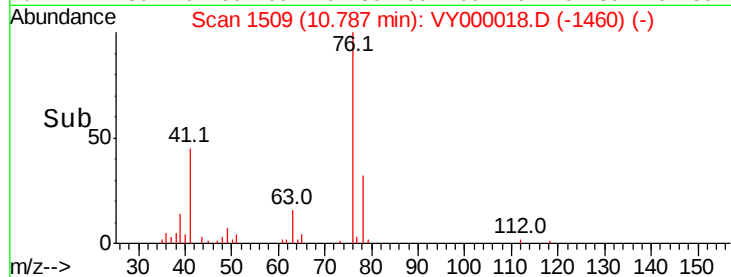
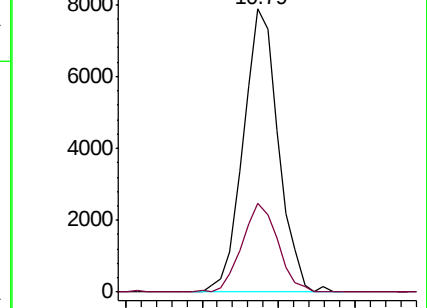
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 25.236 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000018.D

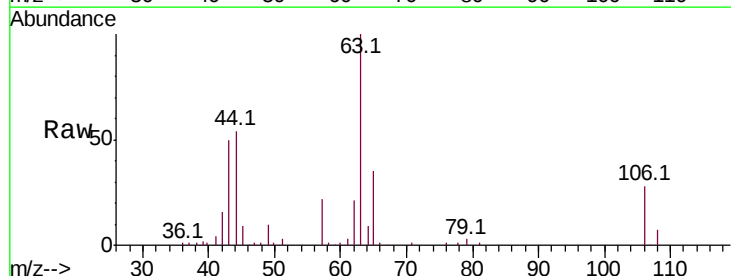
Acq: 12 Sep 2019 11:09

Tgt Ion: 63 Resp: 29363

Ion Ratio Lower Upper

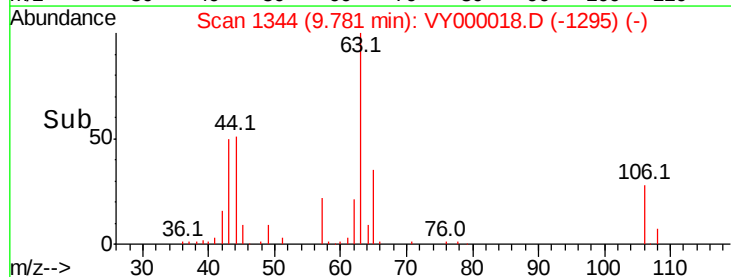
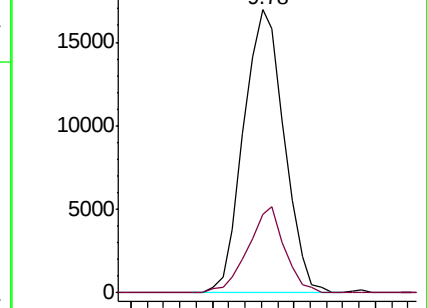
63 100

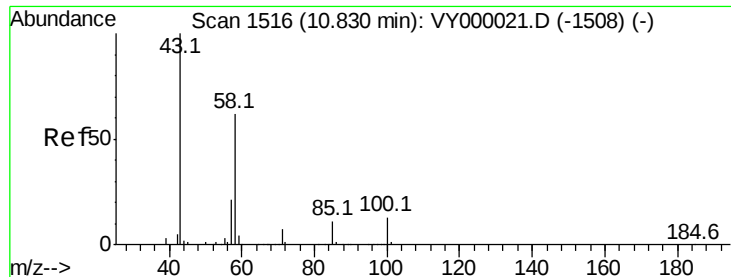
106 27.4 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

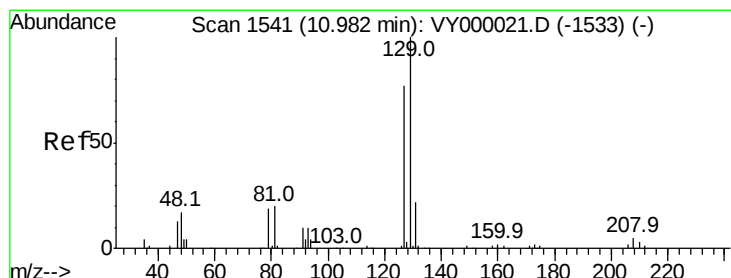
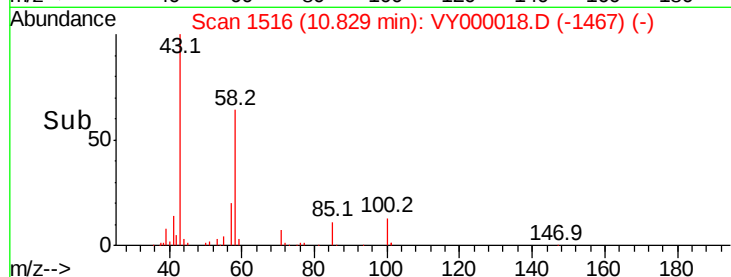
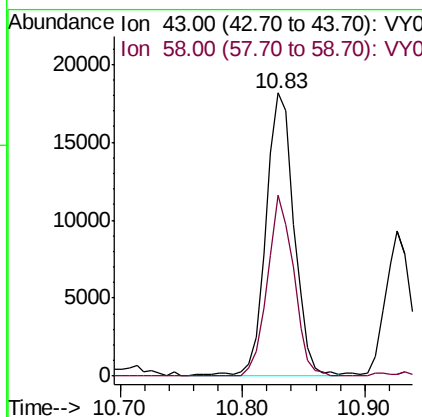
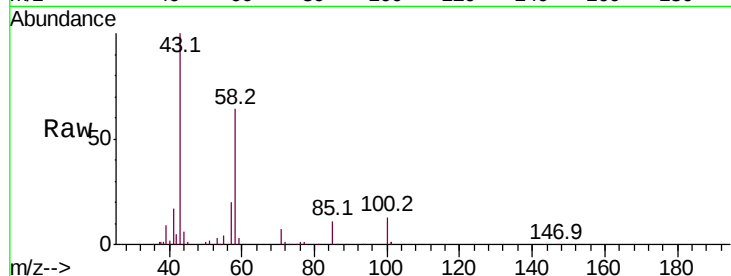




#59  
2-Hexanone  
Concen: 26.902 ug/l  
RT: 10.83 min Scan# 1516  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

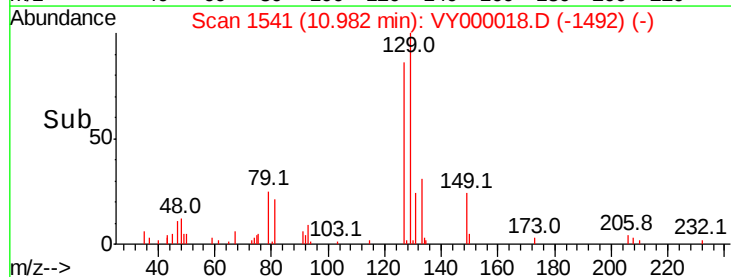
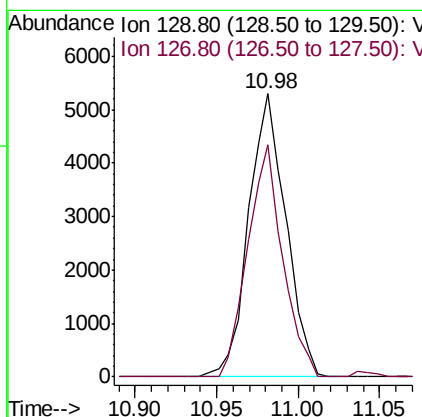
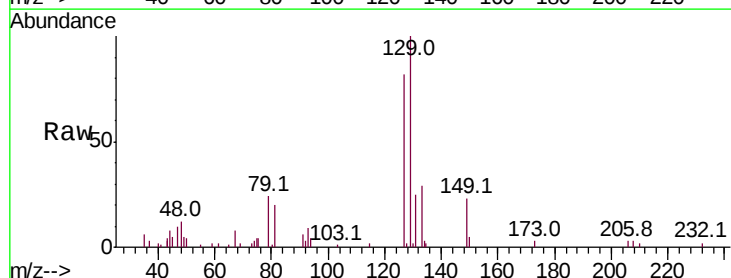
Instrument :  
MSVOA\_Y  
ClientSampled :

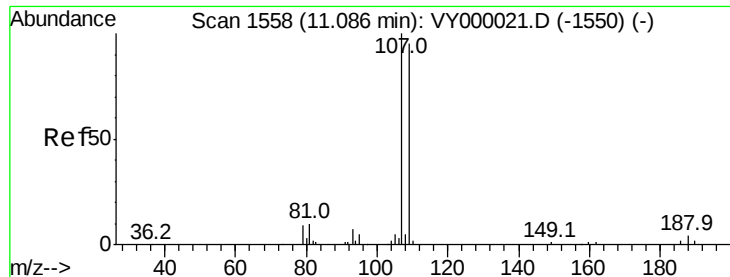
Tot Ion: 43 Resp: 29099  
Ion Ratio Lower Upper  
43 100  
58 59.6 30.3 90.8



#60  
Dibromochloromethane  
Concen: 5.261 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion: 129 Resp: 8391  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 4.988 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

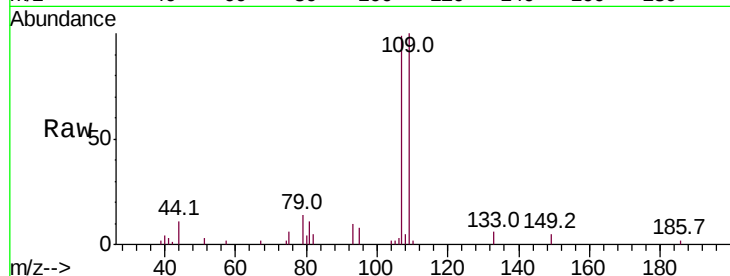
ClientSampleId :

Tot Ion:107 Resp: 6668

Ion Ratio Lower Upper

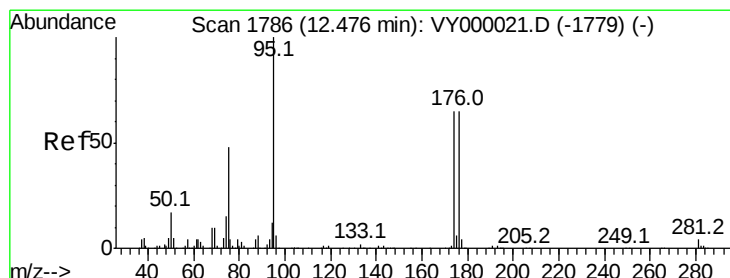
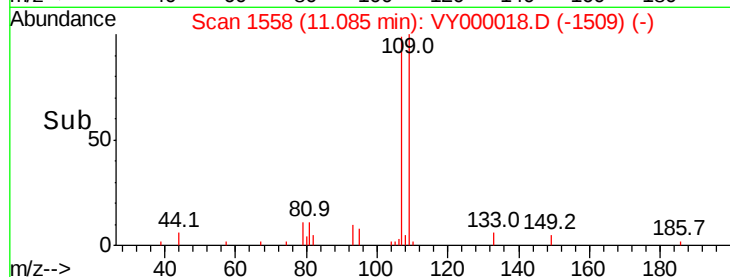
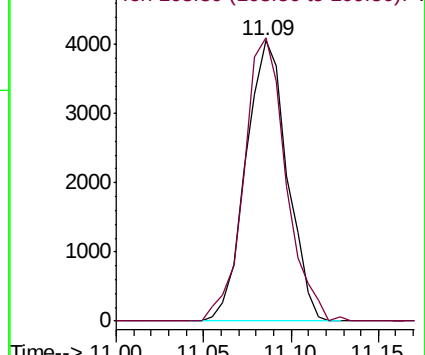
107 100

109 102.5 76.7 115.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.954 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

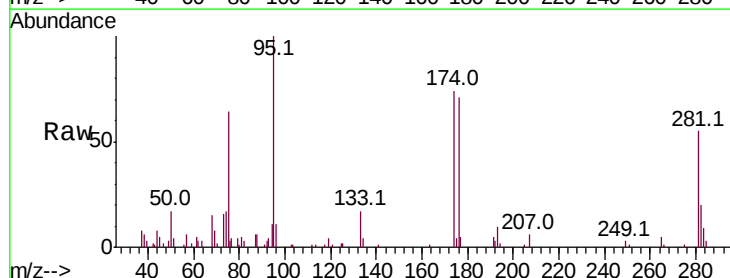
Tgt Ion: 95 Resp: 11613

Ion Ratio Lower Upper

95 100

174 66.2 0.0 137.6

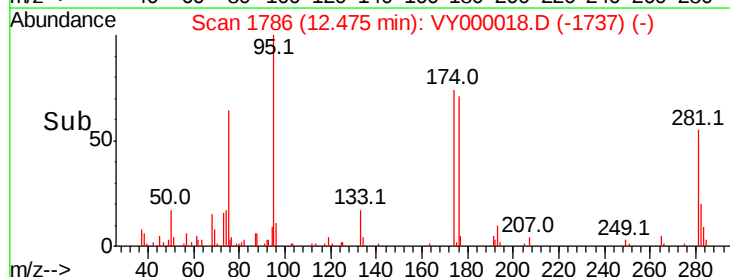
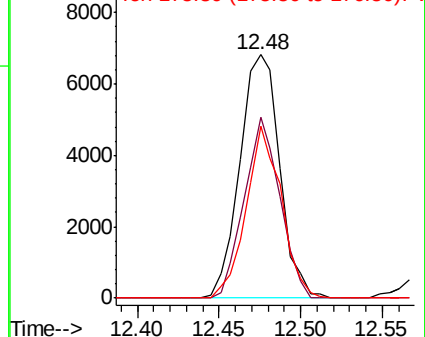
176 62.5 0.0 134.8

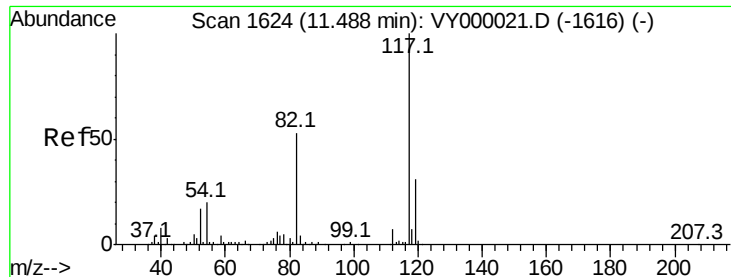


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

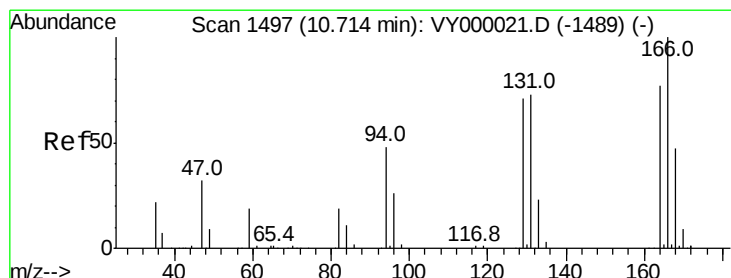
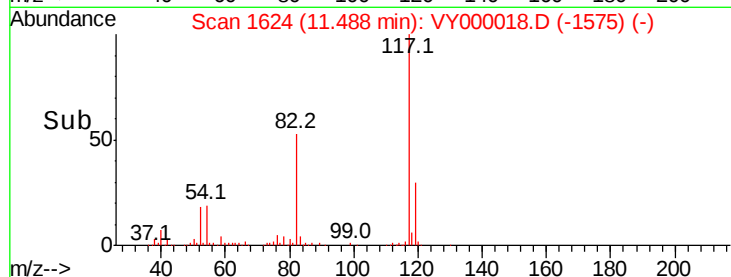
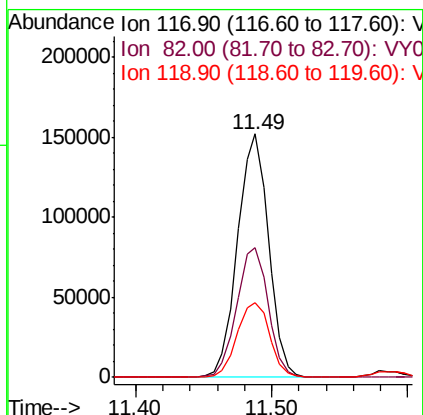
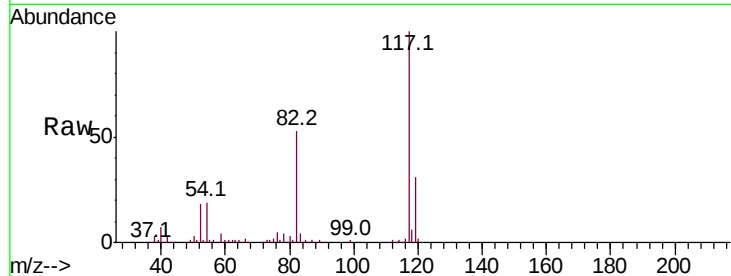




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1624  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

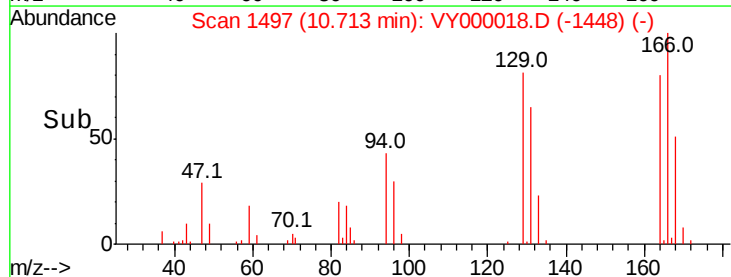
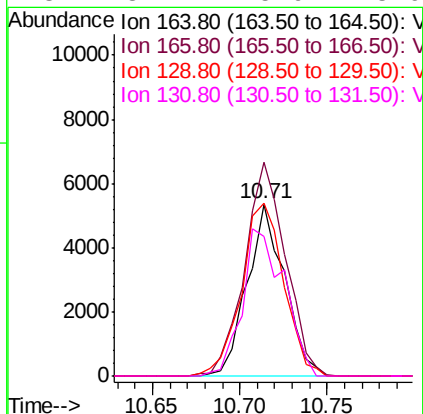
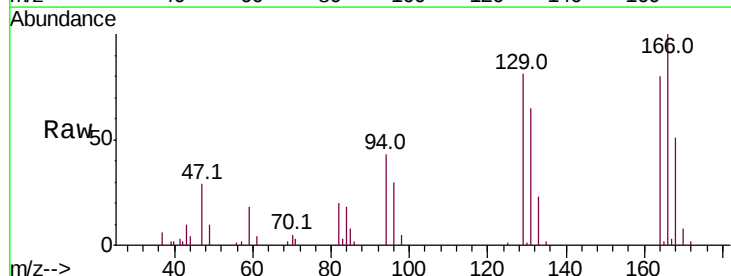
Instrument :  
MSVOA\_Y  
ClientSampled :

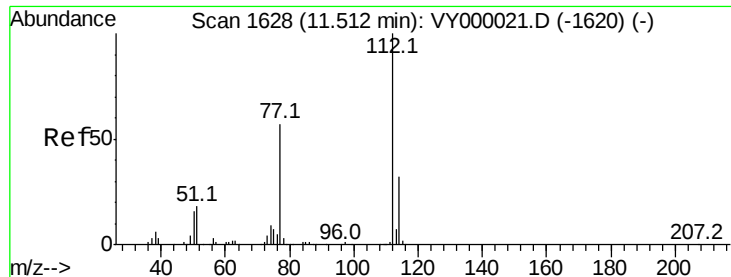
Tot Ion:117 Resp: 241631  
Ion Ratio Lower Upper  
117 100  
82 53.5 42.5 63.7  
119 30.6 25.1 37.7



#64  
Tetrachloroethene  
Concen: 5.375 ug/l  
RT: 10.71 min Scan# 1497  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion:164 Resp: 7964  
Ion Ratio Lower Upper  
164 100  
166 124.5 103.4 155.0  
129 101.1 73.4 110.0  
131 81.1 75.9 113.9

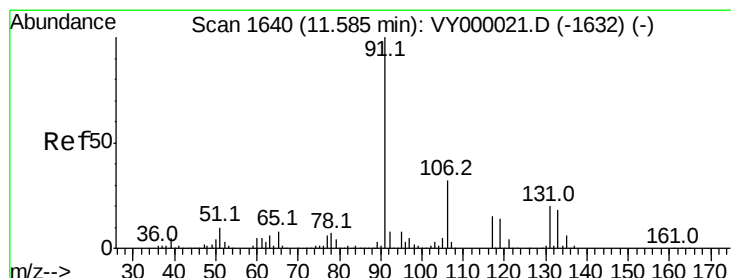
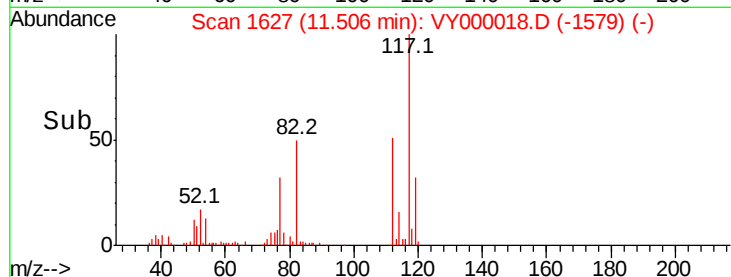
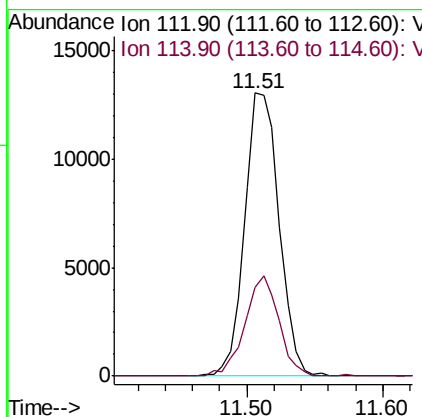
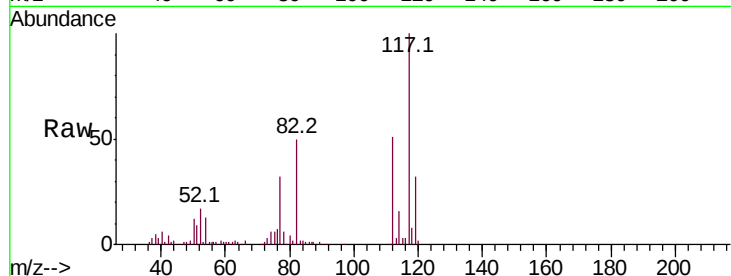




#65  
Chlorobenzene  
Concen: 5.025 ug/l  
RT: 11.51 min Scan# 1627  
Delta R.T. -0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

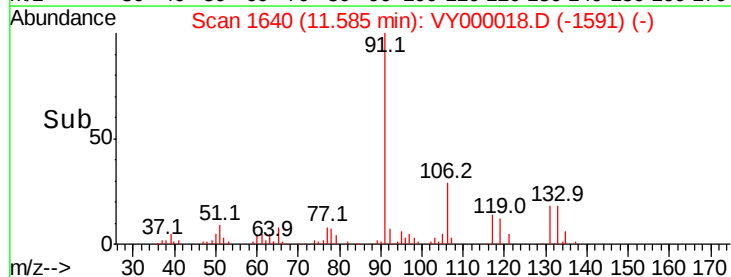
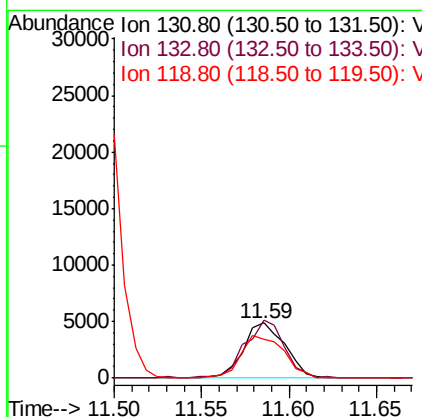
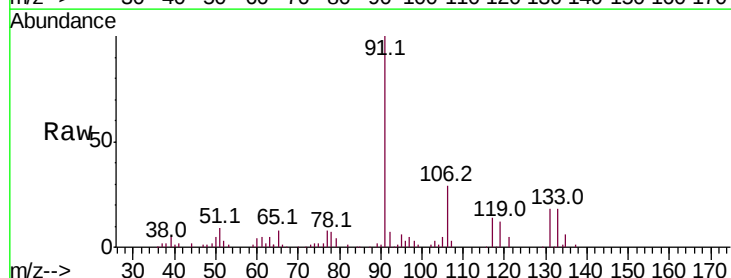
Instrument :  
MSVOA\_Y  
ClientSampled :

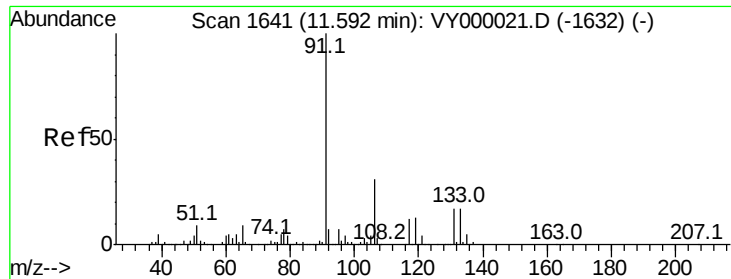
Tot Ion:112 Resp: 23135  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.060 ug/l  
RT: 11.59 min Scan# 1640  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion:131 Resp: 8073  
Ion Ratio Lower Upper  
131 100  
133 99.7 47.2 141.6  
119 79.3 35.4 106.3

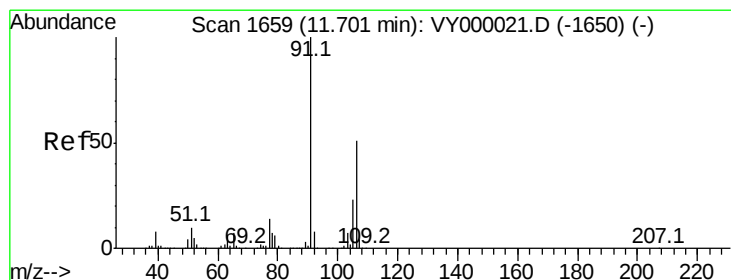
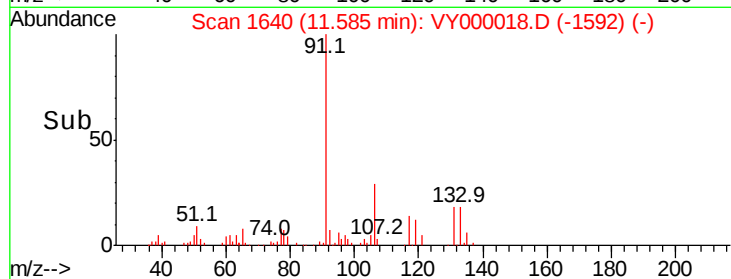
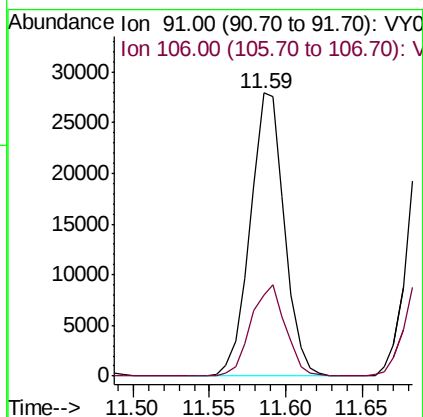
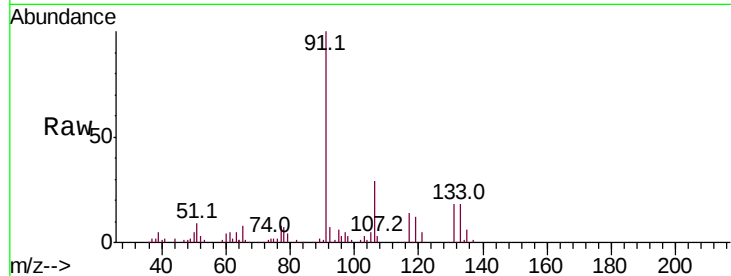




#67  
Ethyl Benzene  
Concen: 5.184 ug/l  
RT: 11.59 min Scan# 1640  
Delta R.T. -0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

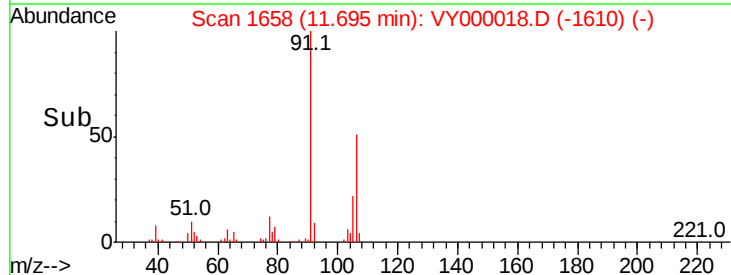
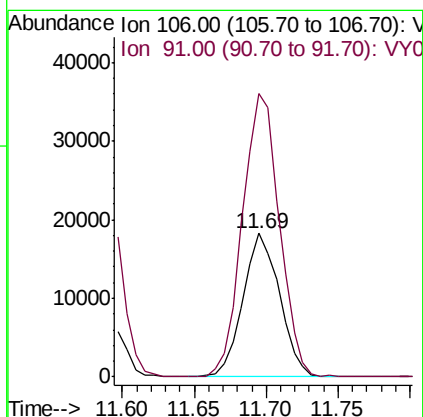
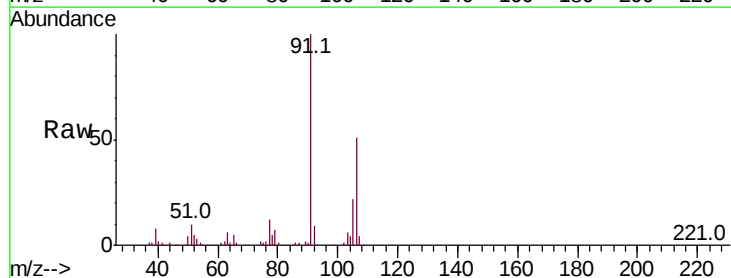
Instrument :  
MSVOA\_Y  
ClientSampled :

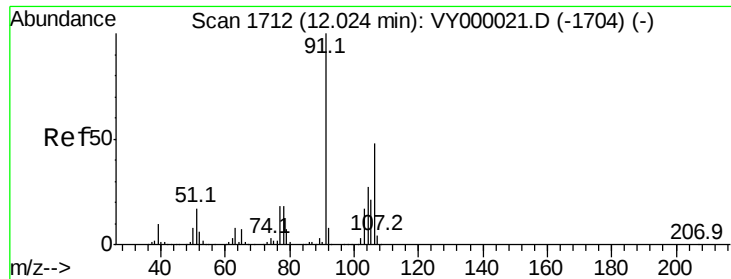
Tot Ion: 91 Resp: 43360  
Ion Ratio Lower Upper  
91 100  
106 28.8 24.6 37.0



#68  
m/p-Xylenes  
Concen: 10.193 ug/l  
RT: 11.69 min Scan# 1658  
Delta R.T. -0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion: 106 Resp: 32172  
Ion Ratio Lower Upper  
106 100  
91 199.0 158.5 237.7

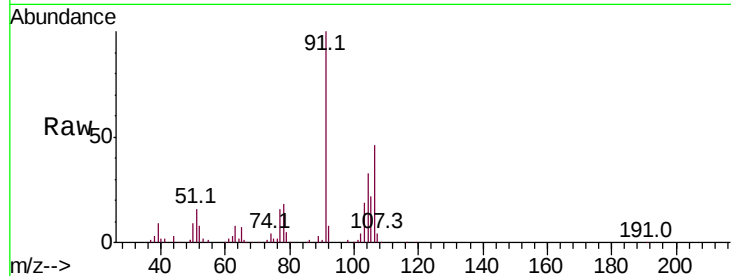




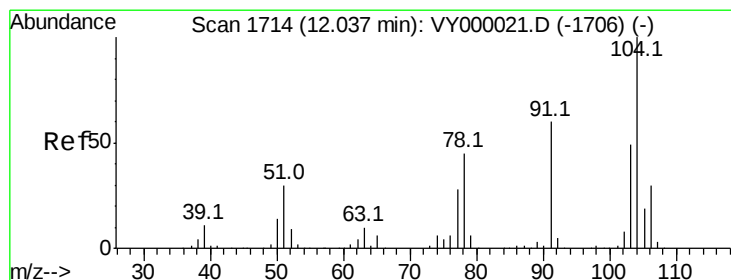
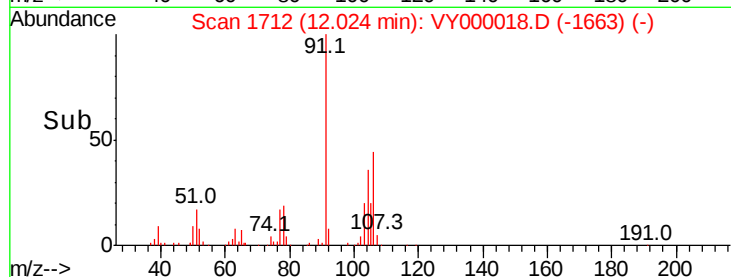
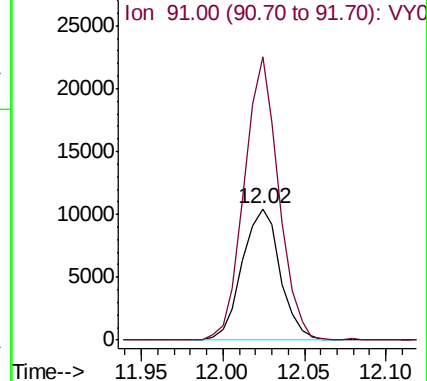
#69  
o-Xylene  
Concen: 5.465 ug/l  
RT: 12.02 min Scan# 1712  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:106 Resp: 16906  
Ion Ratio Lower Upper  
106 100  
91 195.8 104.0 312.0

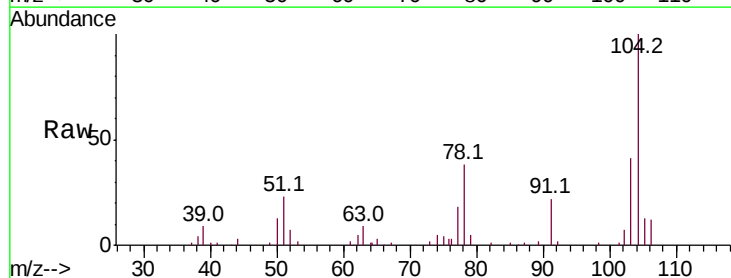


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VY0

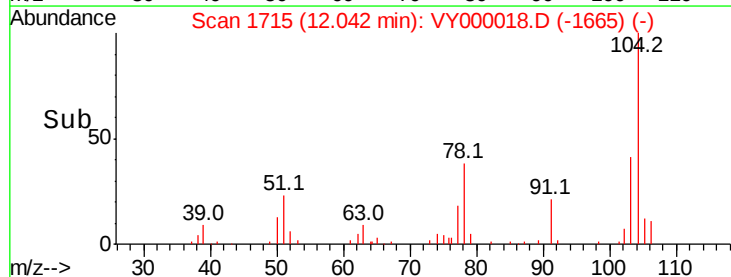
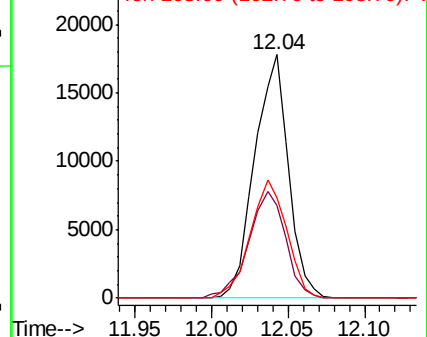


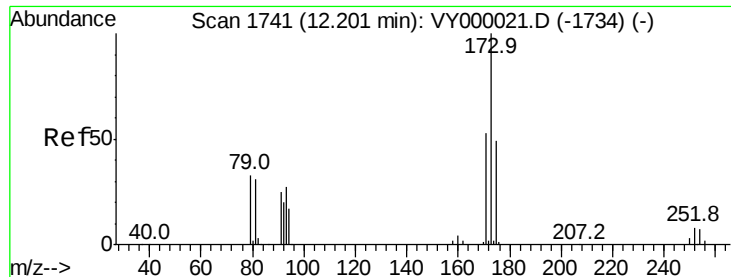
#70  
Styrene  
Concen: 5.081 ug/l  
RT: 12.04 min Scan# 1715  
Delta R.T. 0.01 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion:104 Resp: 27343  
Ion Ratio Lower Upper  
104 100  
78 47.9 38.0 57.0  
103 52.4 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: 4.972 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

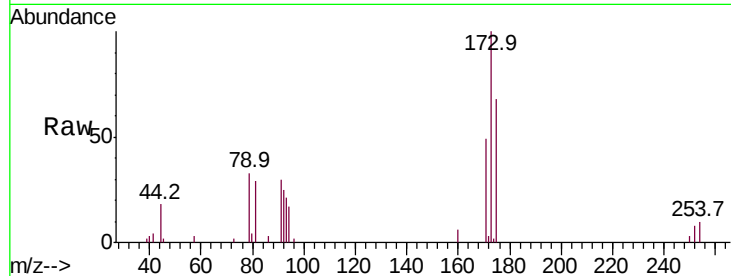
Tot Ion:173 Resp: 4789

Ion Ratio Lower Upper

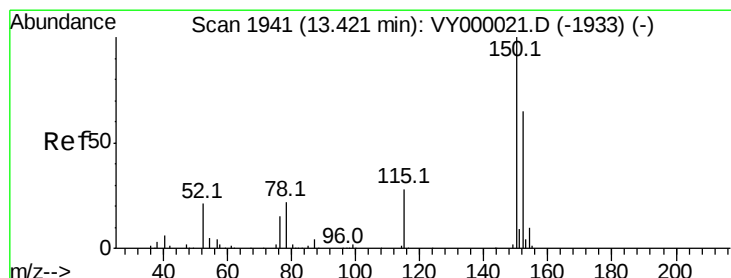
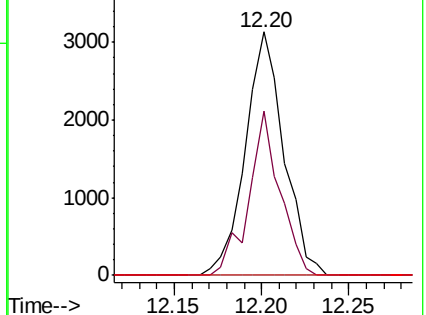
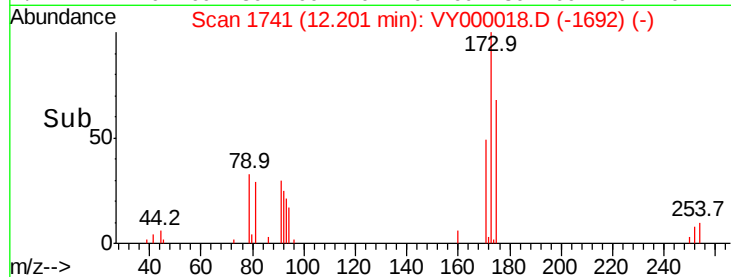
173 100

175 54.7 25.1 75.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

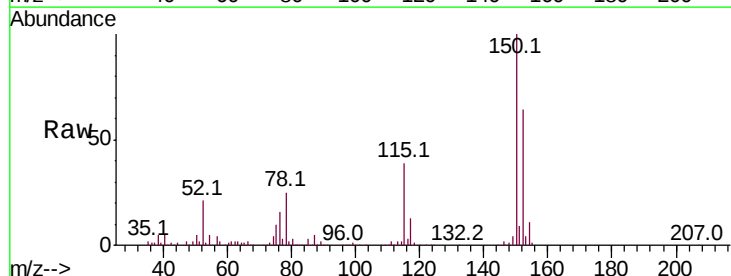
Tgt Ion:152 Resp: 104018

Ion Ratio Lower Upper

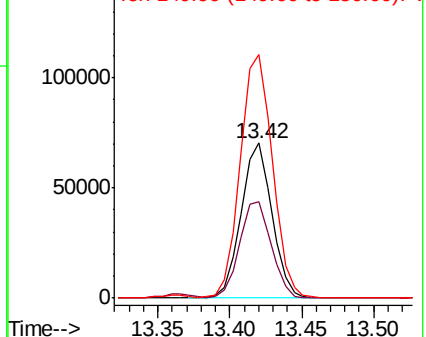
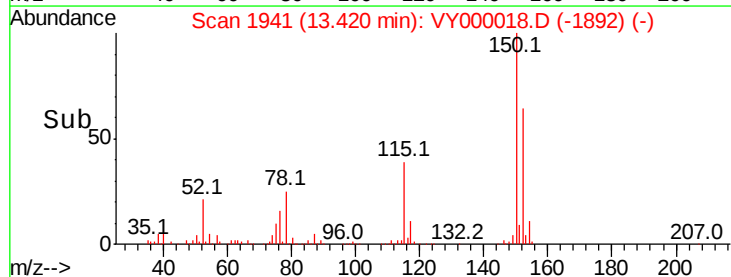
152 100

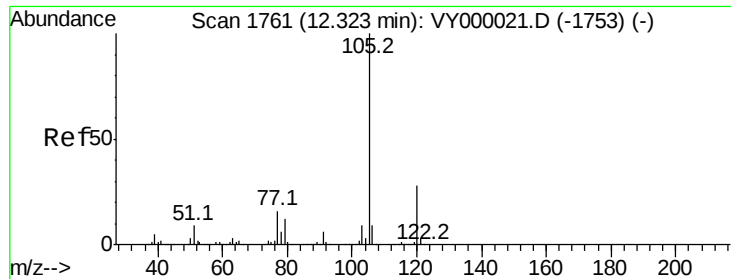
115 64.1 29.4 88.2

150 164.7 0.0 349.0



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: 5.075 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

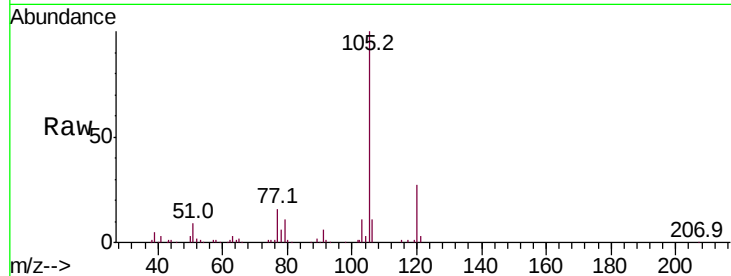
ClientSampleId :

Tot Ion:105 Resp: 40337

Ion Ratio Lower Upper

105 100

120 29.5 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.32

30000

25000

20000

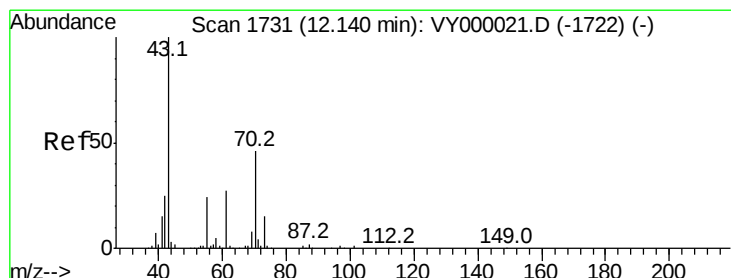
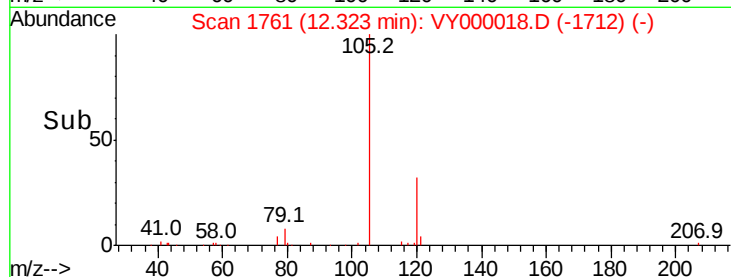
15000

10000

5000

0

Time-->



#74

N-ethyl acetate

Concen: 5.387 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Tgt Ion: 43 Resp: 12639

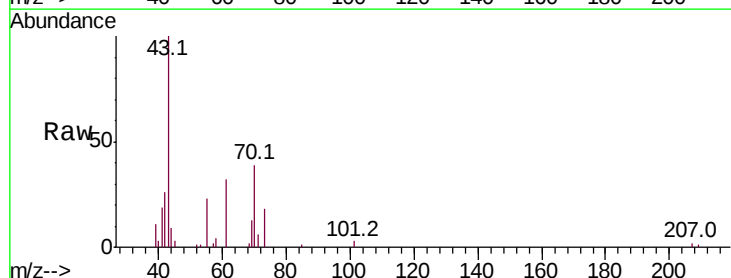
Ion Ratio Lower Upper

43 100

70 42.0 38.1 57.1

55 24.7 18.7 28.1

61 28.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12000

10000

8000

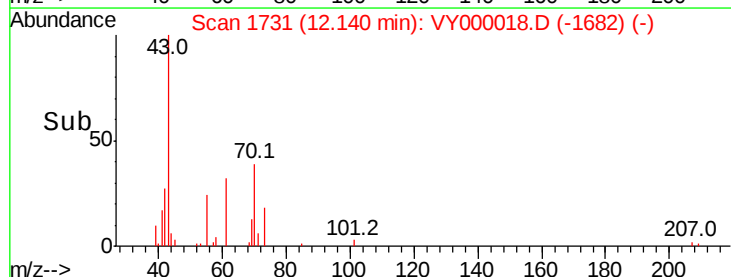
6000

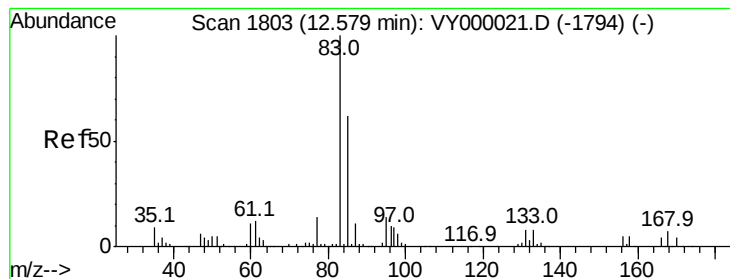
4000

2000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.406 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

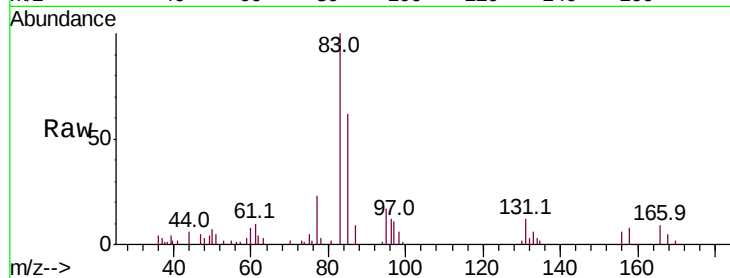
Tot Ion: 83 Resp: 10273

Ion Ratio Lower Upper

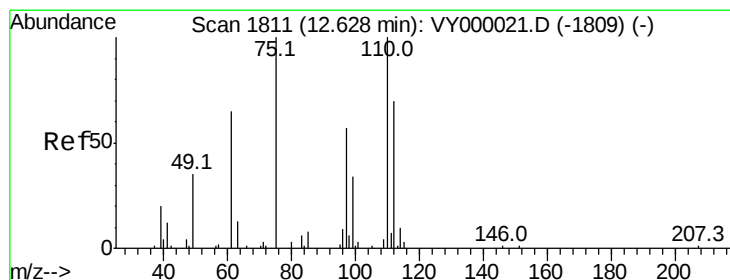
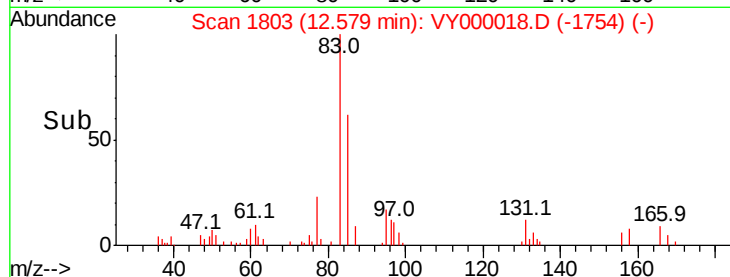
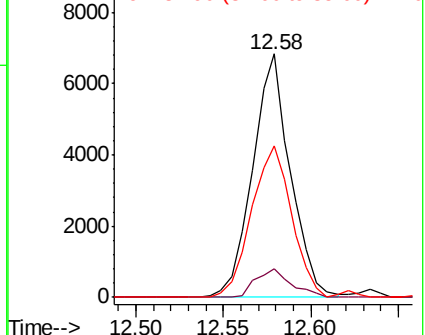
83 100

131 10.7 4.6 13.8

85 65.8 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 130.80 (130.50 to 131.50): VY0  
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 5.916 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VY000018.D

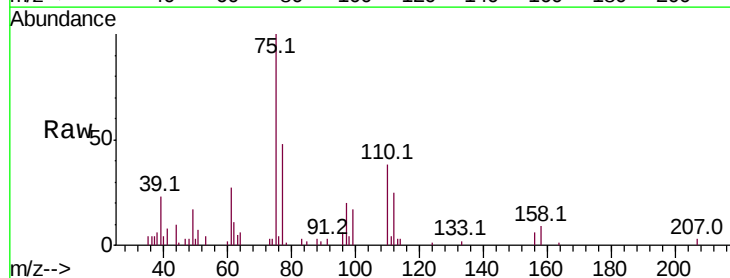
Acq: 12 Sep 2019 11:09

Tgt Ion: 75 Resp: 13648

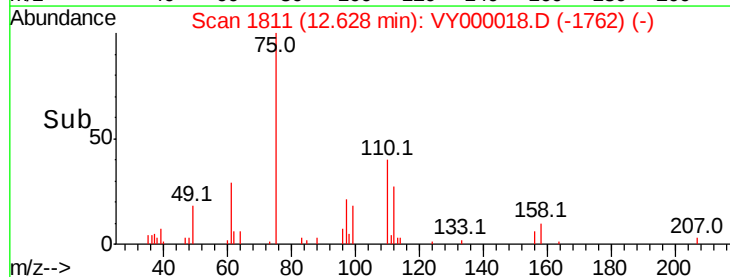
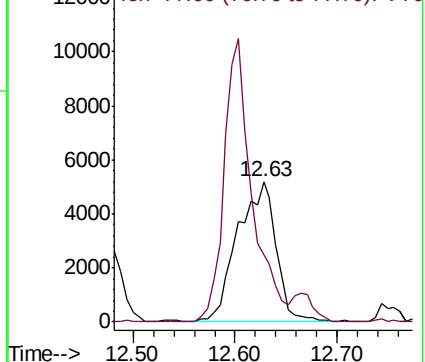
Ion Ratio Lower Upper

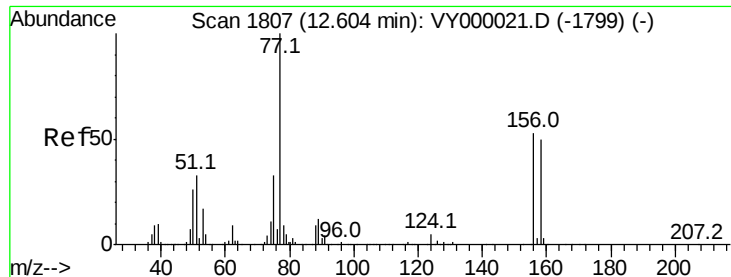
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 5.220 ug/l

RT: 12.60 min Scan# 1806

Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

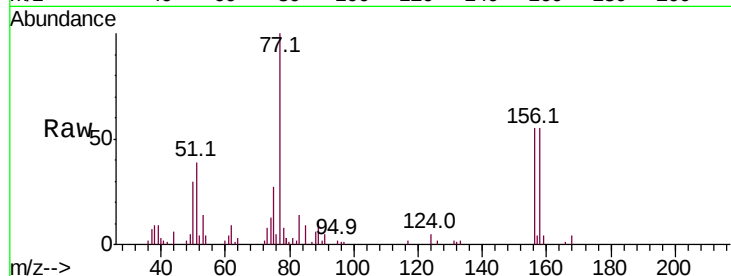
Tot Ion:156 Resp: 8776

Ion Ratio Lower Upper

156 100

77 226.7 106.0 317.9

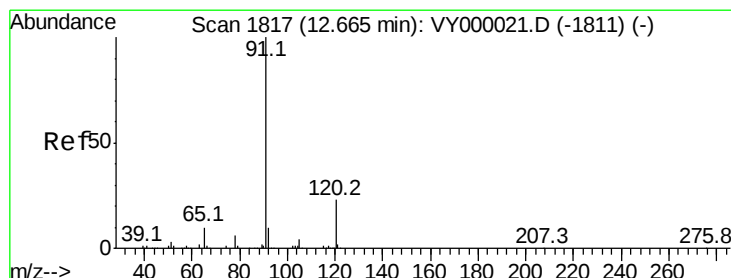
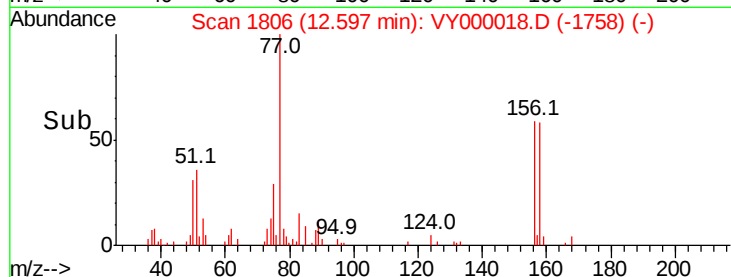
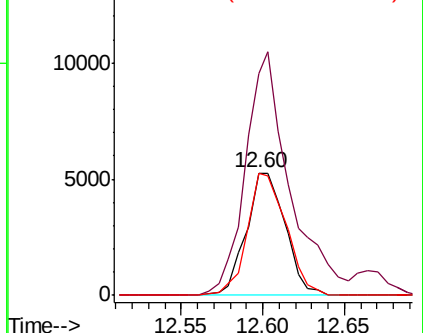
158 99.3 47.3 141.9



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: 5.193 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000018.D

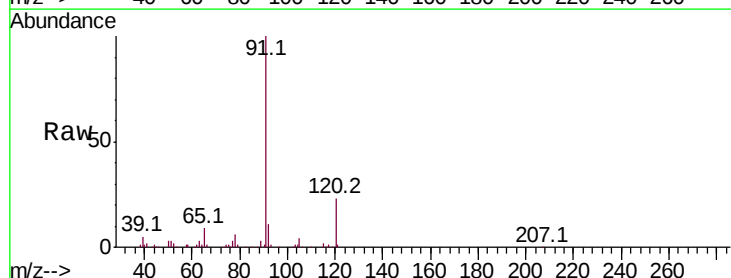
Acq: 12 Sep 2019 11:09

Tgt Ion: 91 Resp: 50441

Ion Ratio Lower Upper

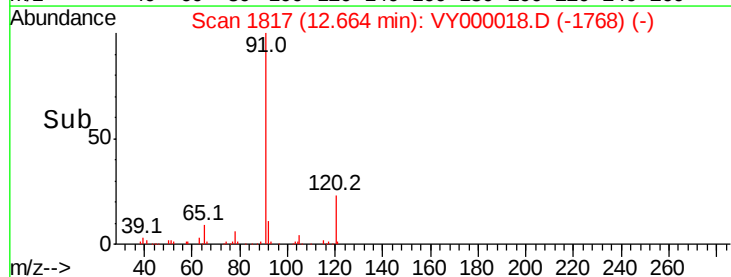
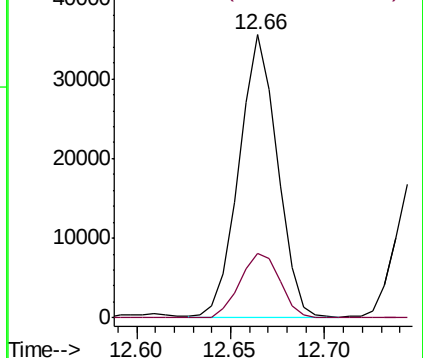
91 100

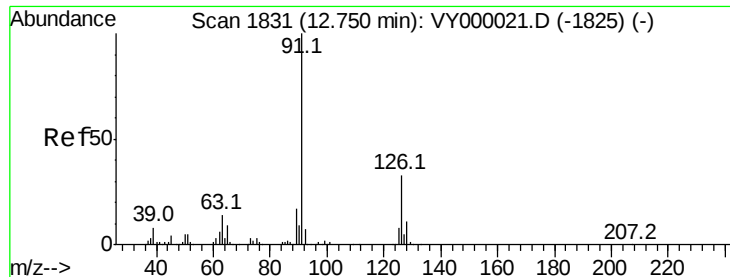
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

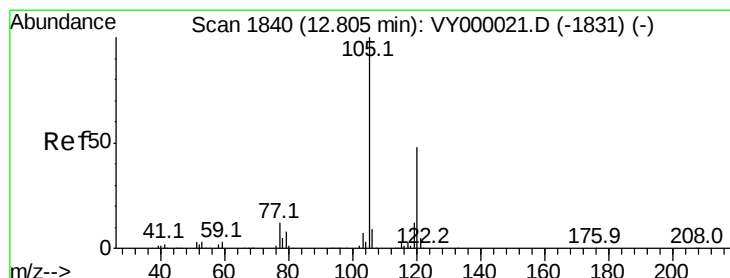
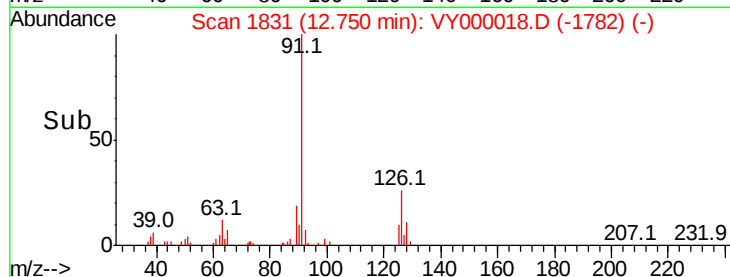
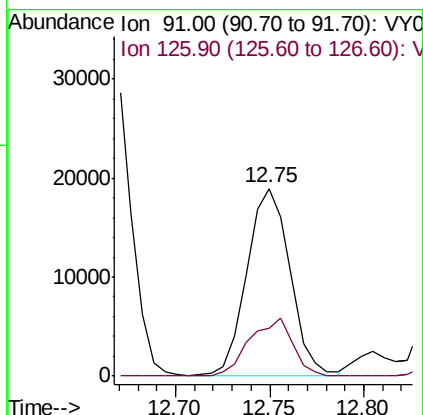
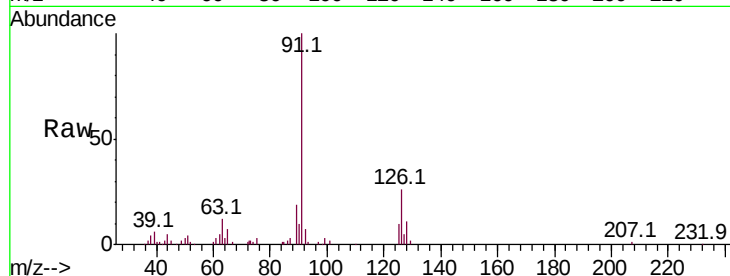




#79  
 2-Chlorotoluene  
 Concen: 5.555 ug/l  
 RT: 12.75 min Scan# 1831  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

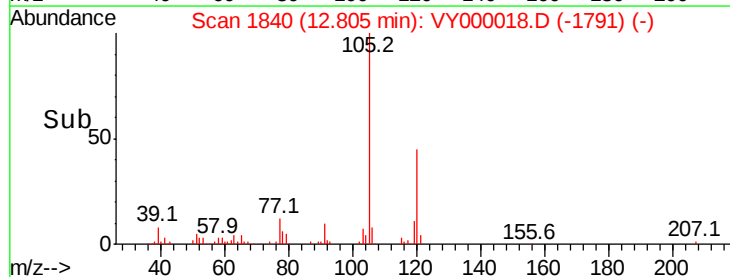
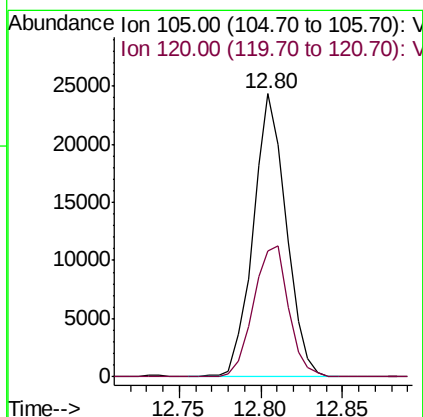
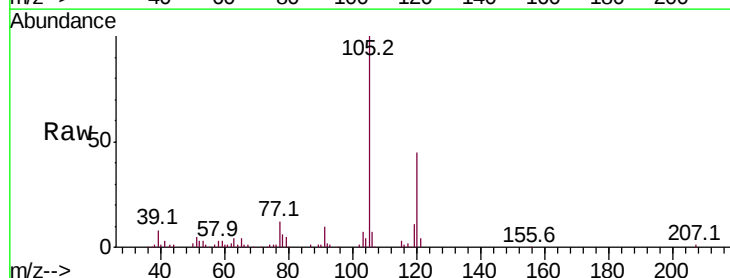
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

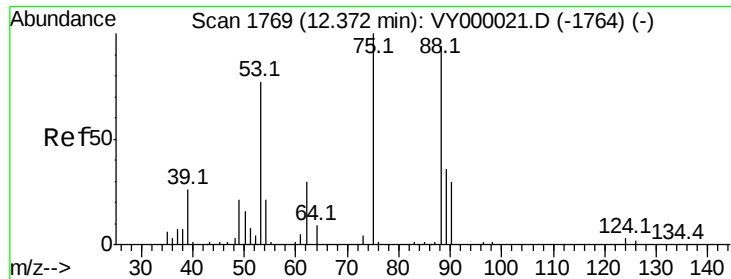
Tot Ion: 91 Resp: 30171  
 Ion Ratio Lower Upper  
 91 100  
 126 30.6 16.9 50.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 5.175 ug/l  
 RT: 12.80 min Scan# 1840  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Tgt Ion:105 Resp: 34339  
 Ion Ratio Lower Upper  
 105 100  
 120 49.1 24.3 73.0

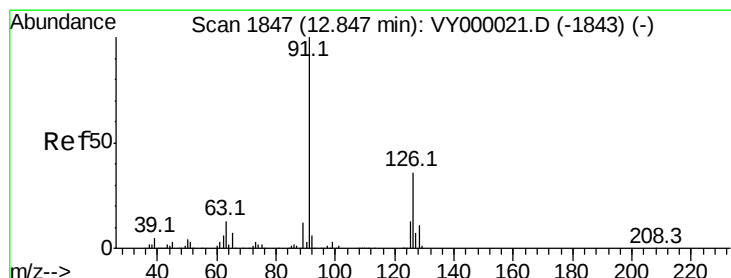
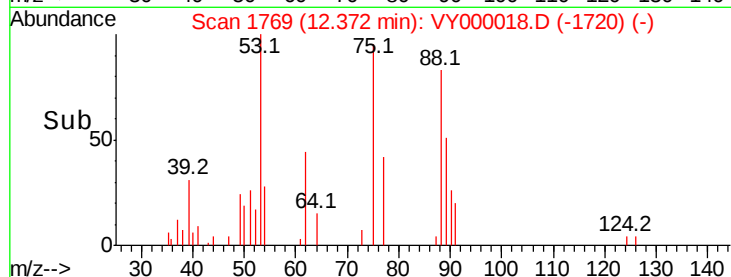
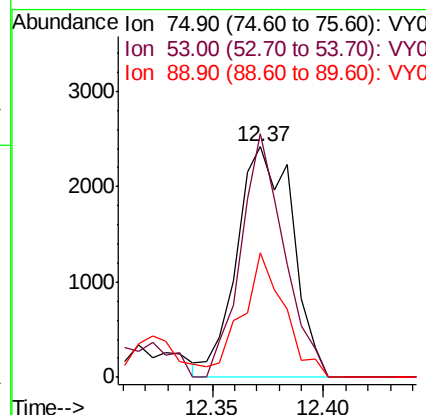
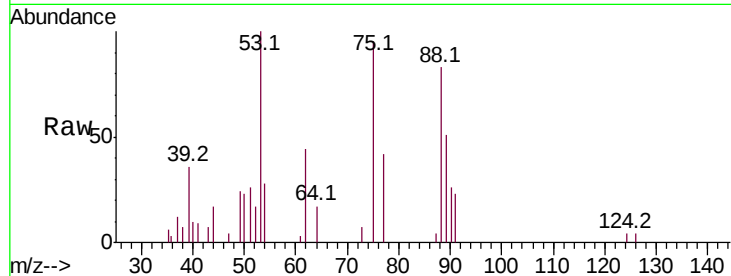




#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.784 ug/l  
RT: 12.37 min Scan# 1769  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

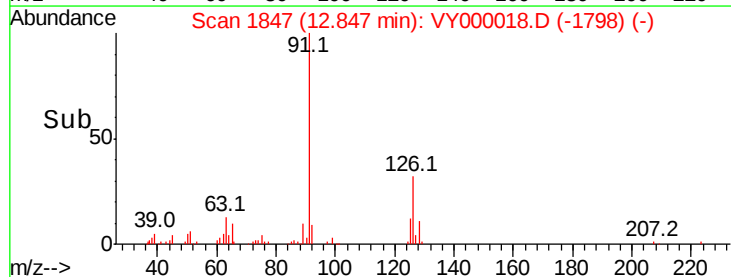
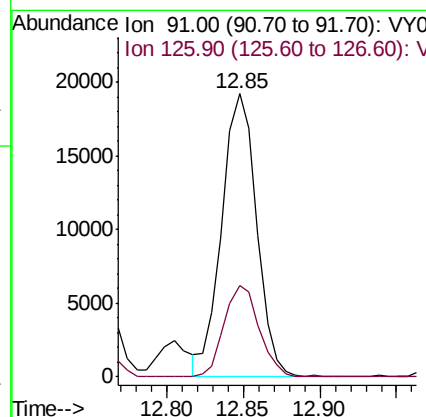
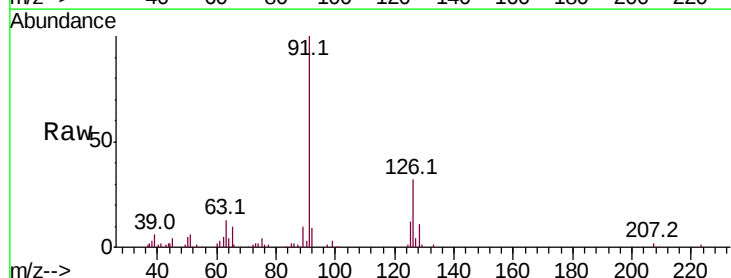
Instrument :  
MSVOA\_Y  
ClientSampleId :

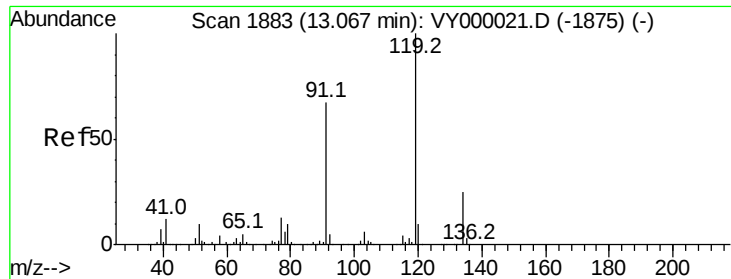
Tot Ion: 75 Resp: 4213  
Ion Ratio Lower Upper  
75 100  
53 82.1 64.2 96.2  
89 41.0 35.5 53.3



#82  
4-Chlorotoluene  
Concen: 5.343 ug/l  
RT: 12.85 min Scan# 1847  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion: 91 Resp: 30455  
Ion Ratio Lower Upper  
91 100  
126 32.4 17.2 51.5

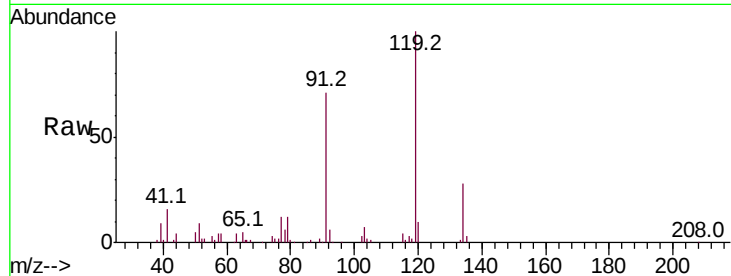




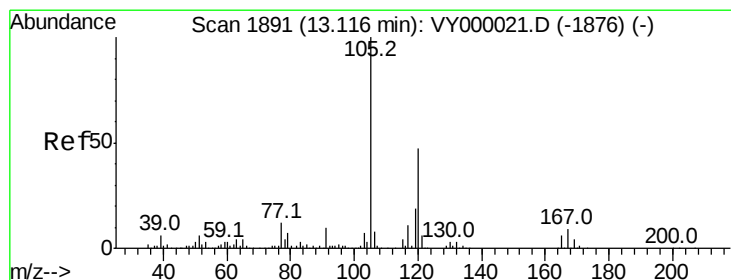
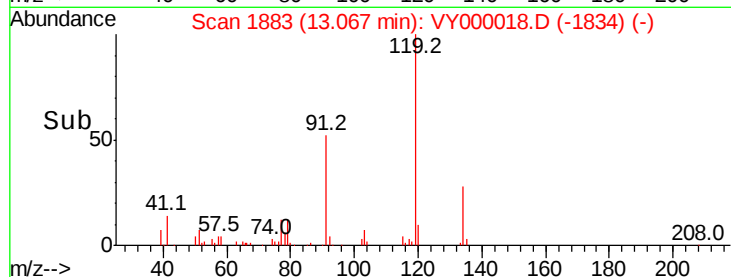
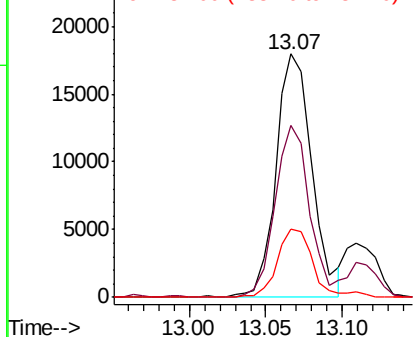
#83  
tert-Butylbenzene  
Concen: 5.150 ug/l  
RT: 13.07 min Scan# 1883  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:119 Resp: 29366  
Ion Ratio Lower Upper  
119 100  
91 68.4 33.1 99.5  
134 28.1 13.5 40.5

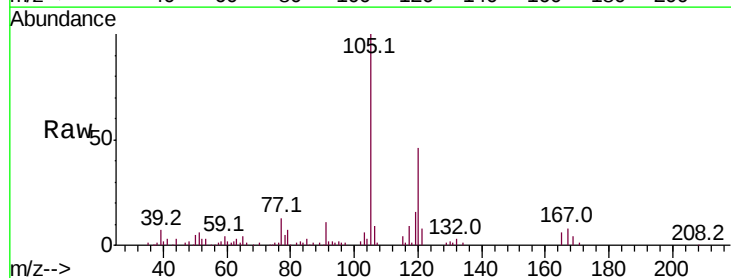


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VY0  
Ion 134.00 (133.70 to 134.70): V

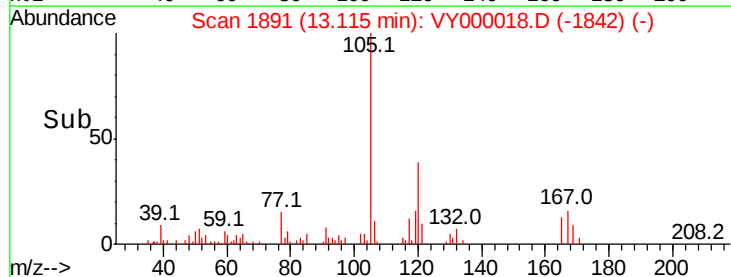
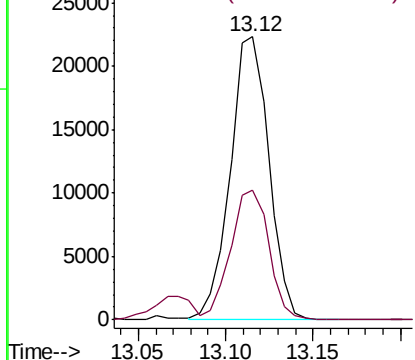


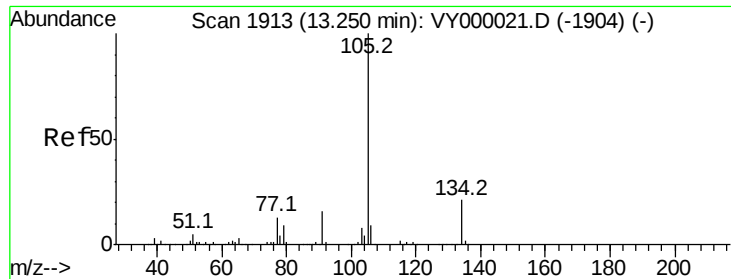
#84  
1,2,4-Trimethylbenzene  
Concen: 5.248 ug/l  
RT: 13.12 min Scan# 1891  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion:105 Resp: 34405  
Ion Ratio Lower Upper  
105 100  
120 45.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.309 ug/l

RT: 13.24 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

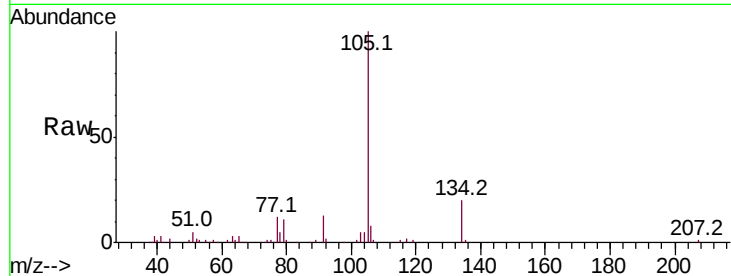
ClientSampleId :

Tot Ion:105 Resp: 44672

Ion Ratio Lower Upper

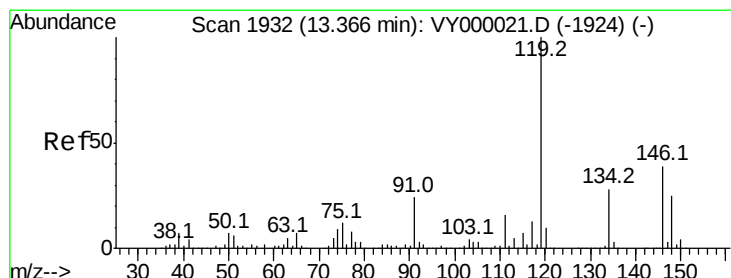
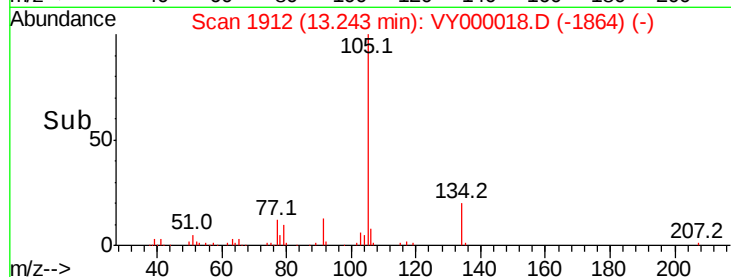
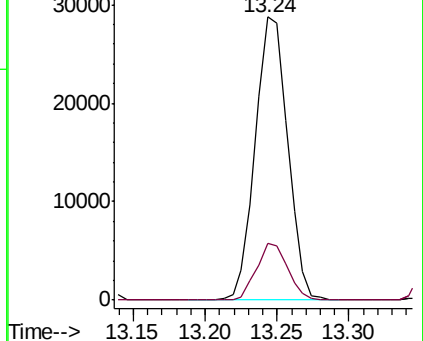
105 100

134 19.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.227 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

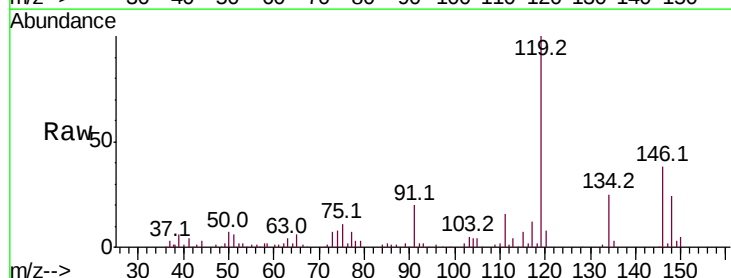
Tgt Ion:119 Resp: 37313

Ion Ratio Lower Upper

119 100

134 27.3 13.8 41.3

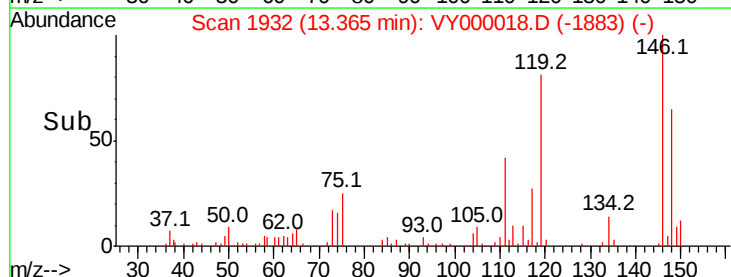
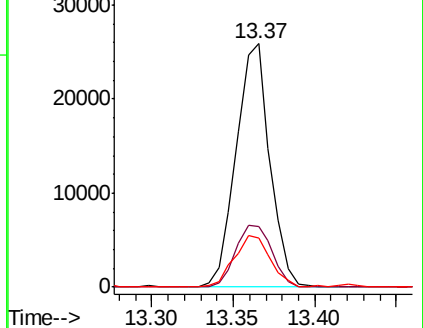
91 23.0 12.4 37.2

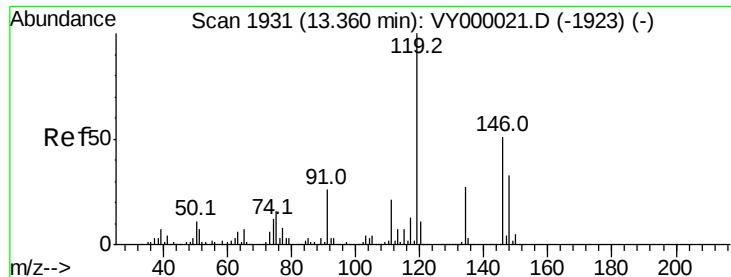


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

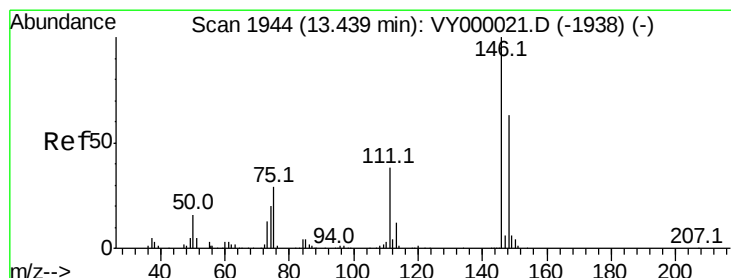
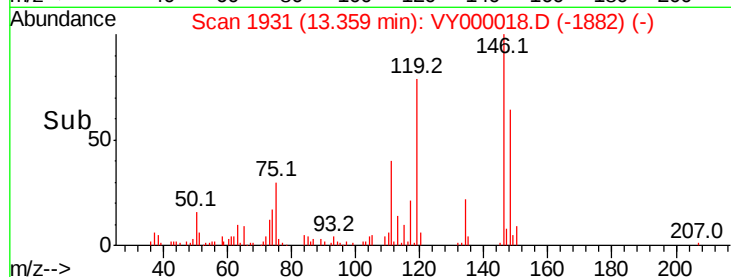
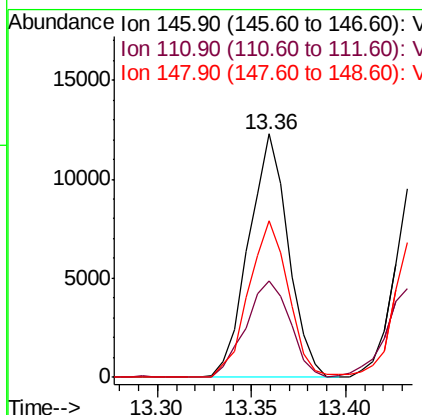
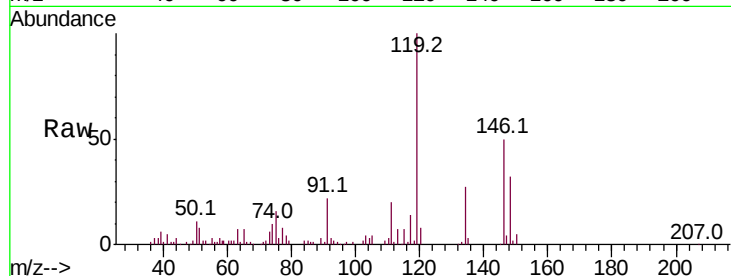




#87  
 1,3-Dichlorobenzene  
 Concen: 5.281 ug/l  
 RT: 13.36 min Scan# 1931  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

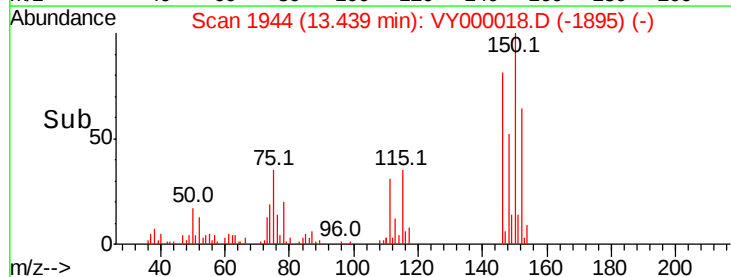
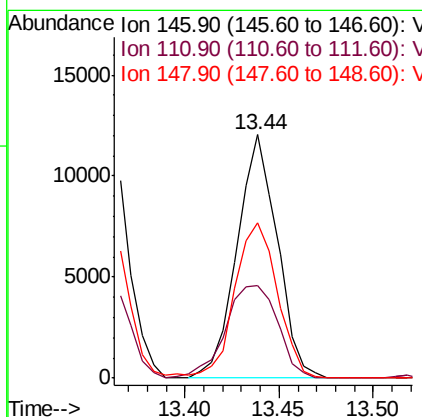
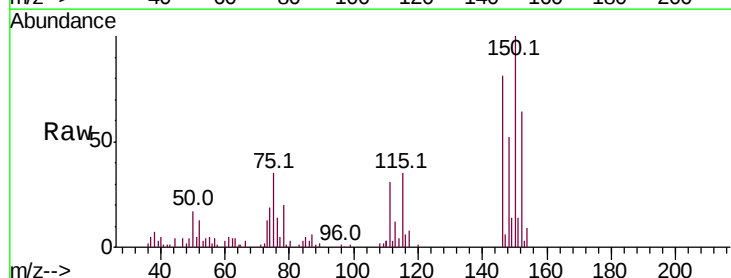
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

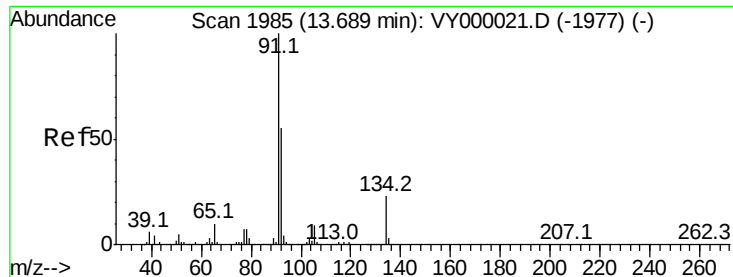
Tot Ion:146 Resp: 17869  
 Ion Ratio Lower Upper  
 146 100  
 111 44.0 21.2 63.6  
 148 65.5 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 5.248 ug/l  
 RT: 13.44 min Scan# 1944  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Tgt Ion:146 Resp: 17869  
 Ion Ratio Lower Upper  
 146 100  
 111 49.1 20.3 60.9  
 148 67.3 31.7 95.1

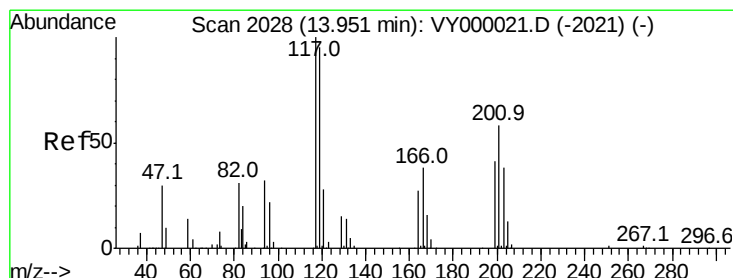
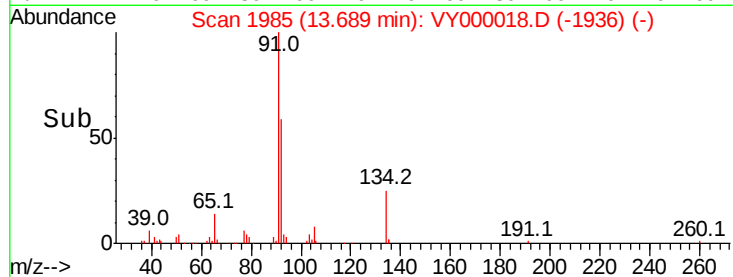
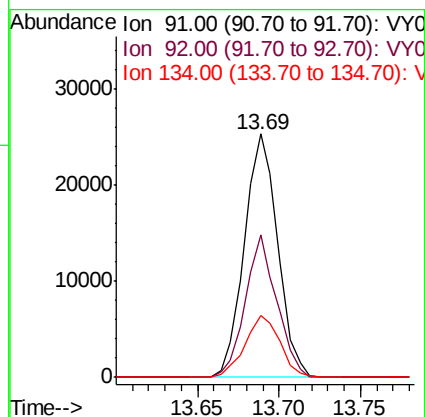
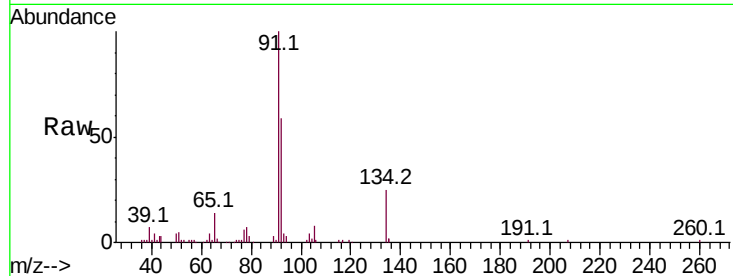




#89  
n-Butylbenzene  
Concen: 4.988 ug/l  
RT: 13.69 min Scan# 1985  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

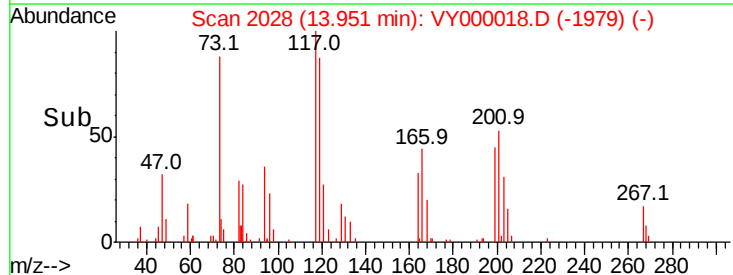
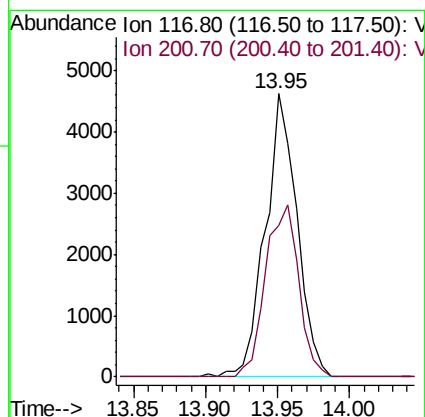
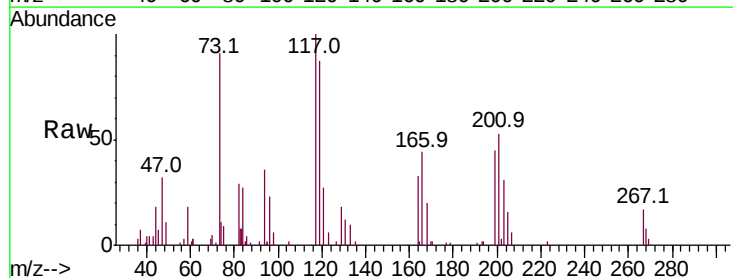
Instrument :  
MSVOA\_Y  
ClientSampleId :

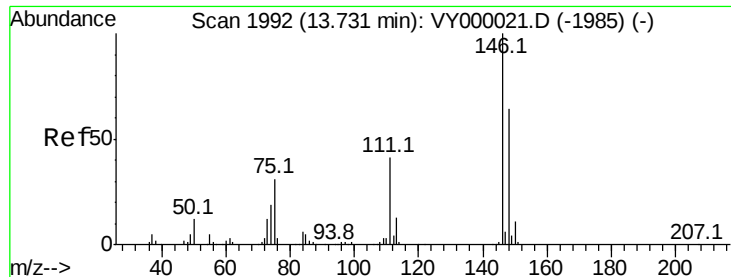
Tot Ion: 91 Resp: 36082  
Ion Ratio Lower Upper  
91 100  
92 55.1 27.2 81.6  
134 26.6 12.6 37.6



#90  
Hexachloroethane  
Concen: 4.953 ug/l  
RT: 13.95 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: VY000018.D  
Acq: 12 Sep 2019 11:09

Tgt Ion: 117 Resp: 7066  
Ion Ratio Lower Upper  
117 100  
201 63.5 31.4 94.0

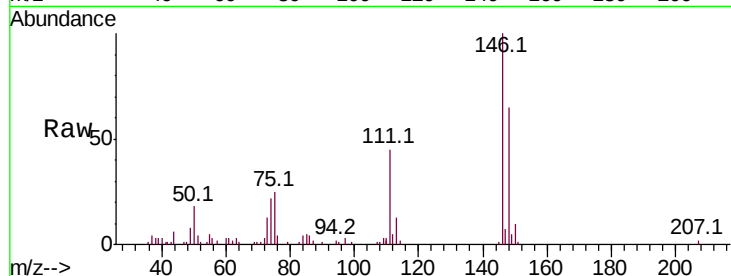




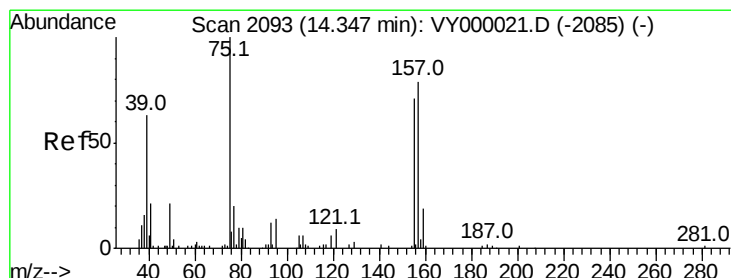
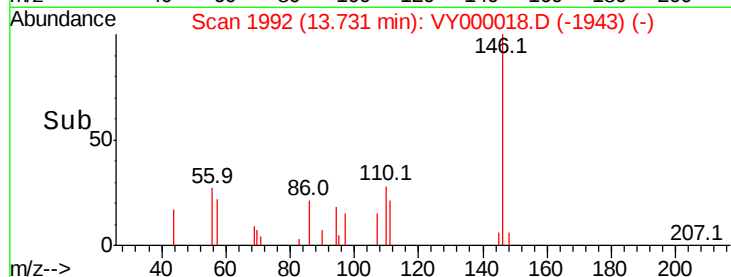
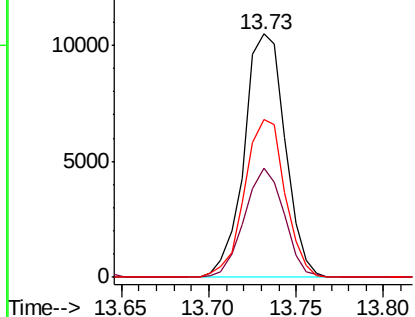
#91  
 1,2-Dichlorobenzene  
 Concen: 5.419 ug/l  
 RT: 13.73 min Scan# 1992  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

Instrument :  
 MSVOA\_Y  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.7  | 21.0  | 63.0  |
| 148     | 64.2  | 31.6  | 95.0  |

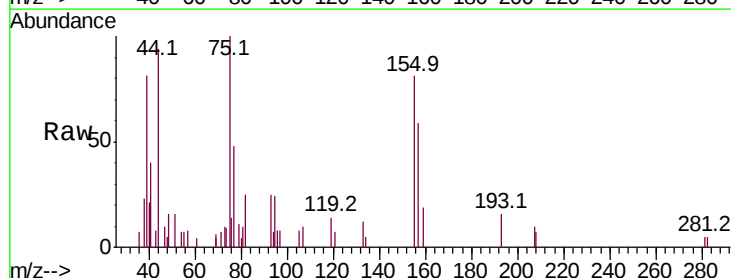


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

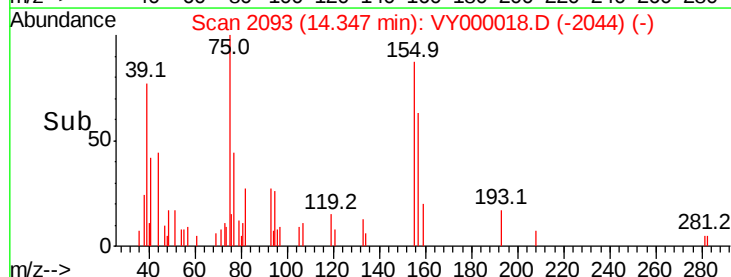
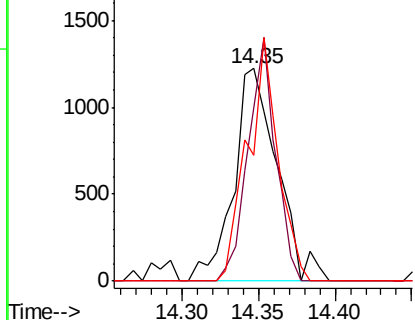


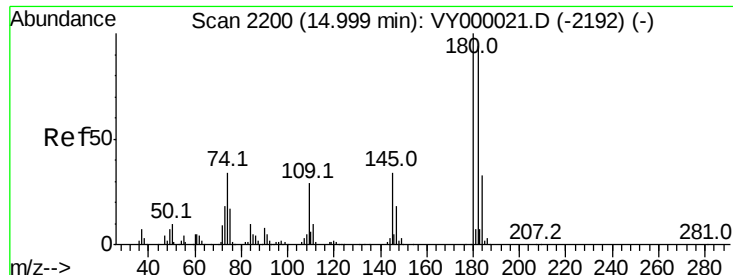
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 6.558 ug/l  
 RT: 14.35 min Scan# 2093  
 Delta R.T. -0.00 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 72.2  | 41.8  | 125.3 |
| 157     | 80.5  | 51.3  | 153.9 |



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

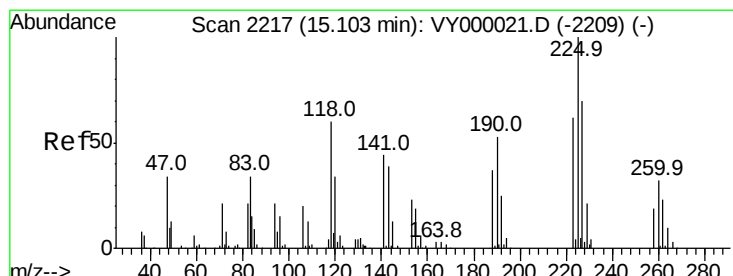
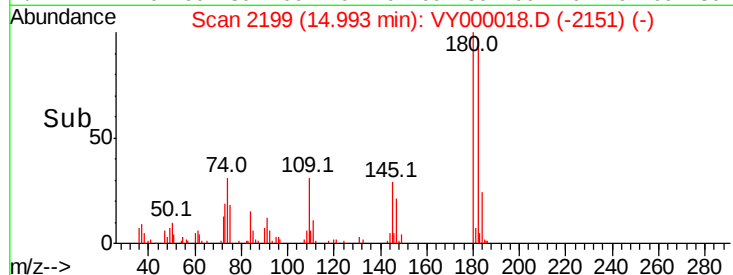
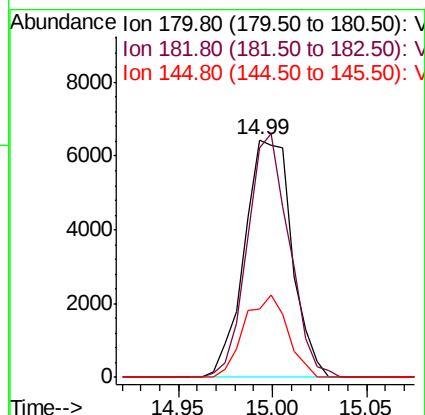
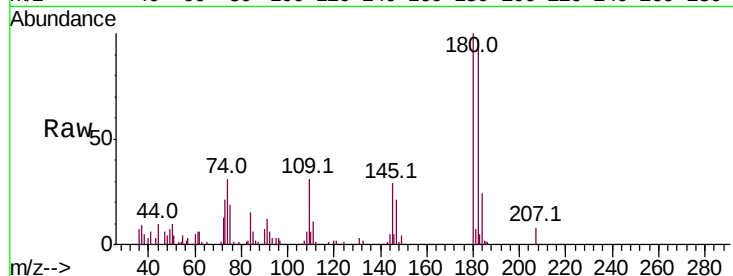




#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.572 ug/l  
 RT: 14.99 min Scan# 2199  
 Delta R.T. -0.01 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

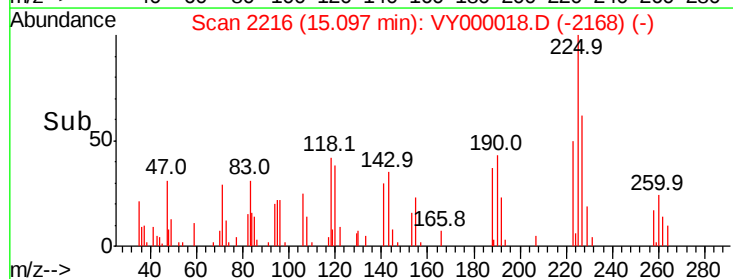
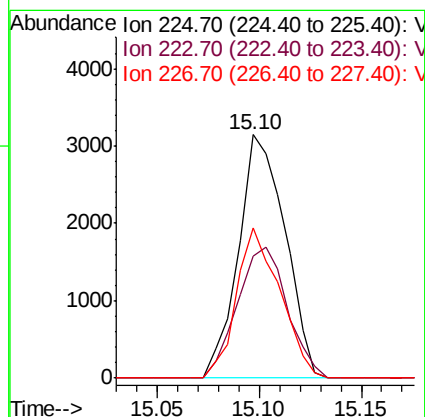
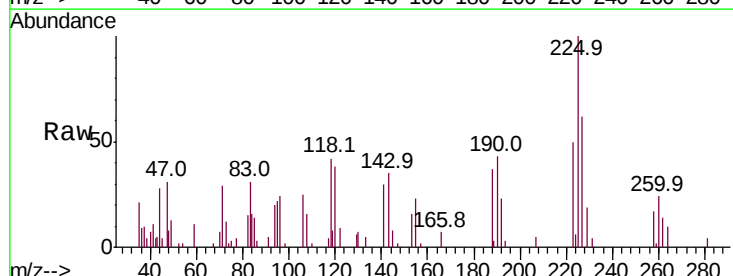
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

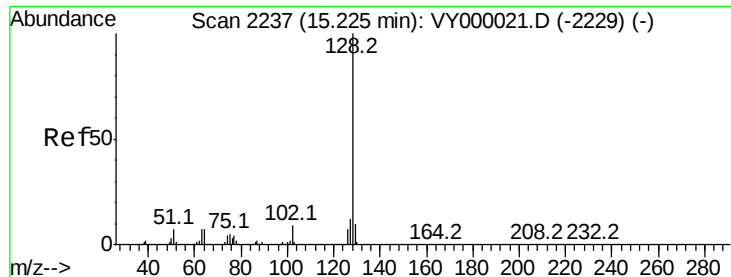
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 90.9  | 47.0  | 141.0 |
| 145     | 31.5  | 16.7  | 50.1  |



#94  
 Hexachlorobutadiene  
 Concen: 5.416 ug/l  
 RT: 15.10 min Scan# 2216  
 Delta R.T. -0.01 min  
 Lab File: VY000018.D  
 Acq: 12 Sep 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 57.7  | 30.9  | 92.7  |
| 227     | 57.8  | 31.0  | 93.0  |





#95

Naphthalene

Concen: 5.371 ug/l

RT: 15.22 min Scan# 2237

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

Instrument :

MSVOA\_Y

ClientSampleId :

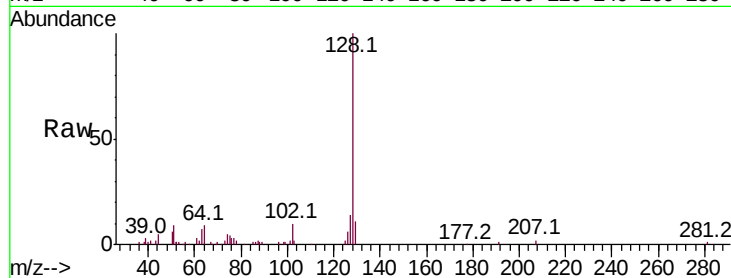
Tot Ion:128 Resp: 29526

Ion Ratio Lower Upper

128 100

127 14.1 9.8 14.8

129 10.4 8.7 13.1

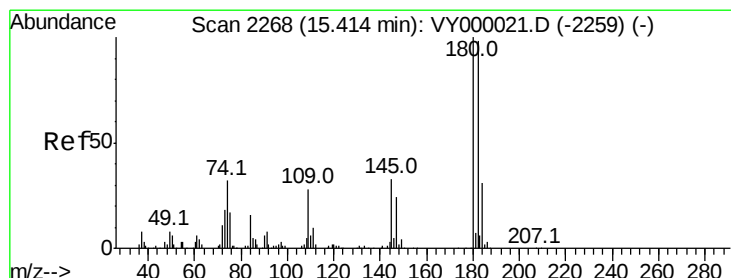
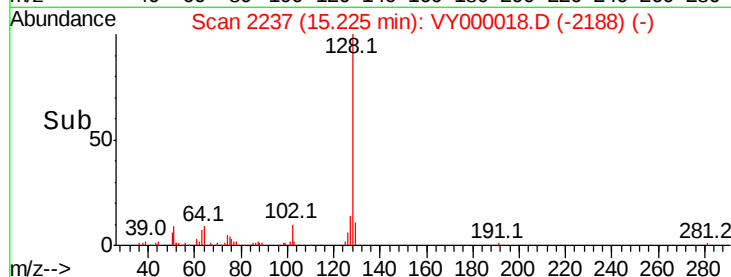
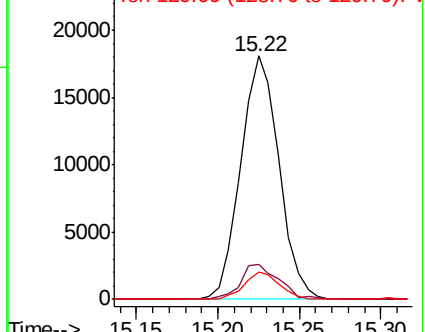


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.192 ug/l

RT: 15.41 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VY000018.D

Acq: 12 Sep 2019 11:09

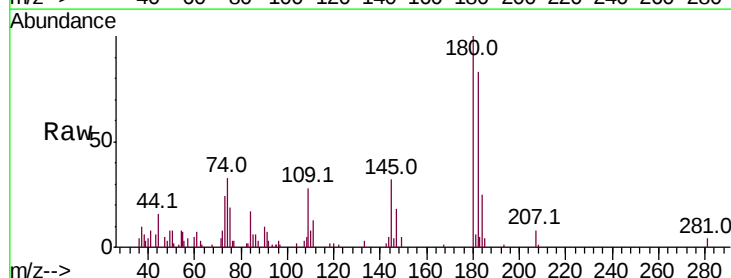
Tgt Ion:180 Resp: 9365

Ion Ratio Lower Upper

180 100

182 92.3 46.8 140.4

145 37.6 17.3 51.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

