

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\  
 Data File : VY001382.D  
 Acq On : 24 Jan 2020 15:11  
 Operator : SY/MD  
 Sample : VY0124SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 25 03:50:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 198540   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 346062   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 305148   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 146811   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |       |
|---------------------------|--------|-----|----------|-------|---------|-------|
| 33) 1,2-Dichloroethane-d4 | 8.16   | 65  | 111410   | 51.57 | ug/l    | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.14% |       |
| 35) Dibromofluoromethane  | 7.74   | 113 | 102532   | 50.48 | ug/l    | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.96% |       |
| 50) Toluene-d8            | 10.19  | 98  | 419165   | 53.12 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.24% |       |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 153742   | 48.92 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.84%  |       |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 36246  | 23.150  | ug/l | 99     |
| 3) Chloromethane              | 2.12 | 50  | 52575  | 22.218  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.26 | 62  | 53922  | 21.854  | ug/l | 95     |
| 5) Bromomethane               | 2.64 | 94  | 33130  | 19.937  | ug/l | 98     |
| 6) Chloroethane               | 2.80 | 64  | 33953  | 21.535  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 70016  | 22.178  | ug/l | 98     |
| 8) Diethyl Ether              | 3.54 | 74  | 26500  | 19.885  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 44211  | 21.990  | ug/l | 100    |
| 10) Methyl Iodide             | 4.10 | 142 | 52050  | 19.629  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.97 | 59  | 34260  | 115.726 | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 44854  | 21.278  | ug/l | 91     |
| 13) Acrolein                  | 3.74 | 56  | 20237  | 119.557 | ug/l | 99     |
| 14) Allyl chloride            | 4.50 | 41  | 79162  | 21.058  | ug/l | 99     |
| 15) Acrylonitrile             | 5.18 | 53  | 71489  | 104.796 | ug/l | 100    |
| 16) Acetone                   | 3.96 | 43  | 66816  | 113.258 | ug/l | 97     |
| 17) Carbon Disulfide          | 4.21 | 76  | 140204 | 21.148  | ug/l | 98     |
| 18) Methyl Acetate            | 4.49 | 43  | 36998  | 20.308  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 126719 | 20.531  | ug/l | 99     |
| 20) Methylene Chloride        | 4.73 | 84  | 53006  | 17.078  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 51083  | 20.862  | ug/l | 96     |
| 22) Diisopropyl ether         | 6.14 | 45  | 162847 | 20.400  | ug/l | 95     |
| 23) Vinyl Acetate             | 6.08 | 43  | 536028 | 103.433 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.04 | 63  | 87477  | 20.790  | ug/l | 98     |
| 25) 2-Butanone                | 7.01 | 43  | 102870 | 109.399 | ug/l | 94     |
| 26) 2,2-Dichloropropane       | 7.00 | 77  | 76468  | 20.403  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 56021  | 20.471  | ug/l | 99     |
| 28) Bromochloromethane        | 7.35 | 49  | 31870  | 18.367  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.36 | 42  | 64093  | 104.768 | ug/l | 98     |
| 30) Chloroform                | 7.52 | 83  | 83409  | 20.224  | ug/l | 99     |
| 31) Cyclohexane               | 7.80 | 56  | 90072  | 21.561  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 73222  | 21.027  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 70791  | 21.652  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.10 | 43  | 43892  | 21.973  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.92 | 117 | 63395  | 21.757  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\  
 Data File : VY001382.D  
 Acq On : 24 Jan 2020 15:11  
 Operator : SY/MD  
 Sample : VY0124SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 25 03:50:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 23 01:21:47 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 94241    | 22.501  | ug/l   | 96       |
| 40) Benzene                    | 8.18  | 78   | 202910   | 20.699  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.36  | 41   | 59392    | 57.618  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 57259    | 20.904  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.29  | 43   | 83597    | 21.523  | ug/l   | 99       |
| 44) Trichloroethene            | 8.95  | 130  | 52555    | 20.892  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 52551    | 21.206  | ug/l   | 99       |
| 46) Dibromomethane             | 9.32  | 93   | 27369    | 20.572  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.51  | 83   | 66103    | 20.785  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.30  | 41   | 37432    | 21.199  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.32  | 88   | 8043     | 428.698 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 214075   | 107.022 | ug/l   | 99       |
| 52) Toluene                    | 10.25 | 92   | 130957   | 21.074  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 71400    | 20.254  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 83370    | 20.605  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 41550    | 21.159  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 62342    | 21.005  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 71188    | 20.811  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 110365   | 107.463 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.84 | 43   | 155033   | 111.331 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 44317    | 20.178  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 38717    | 20.856  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.72 | 164  | 41923    | 21.508  | ug/l   | 93       |
| 65) Chlorobenzene              | 11.52 | 112  | 135870   | 21.124  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 45848    | 20.887  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.60 | 91   | 252463   | 21.298  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.71 | 106  | 188550   | 42.589  | ug/l   | 100      |
| 69) o-Xylene                   | 12.03 | 106  | 89665    | 21.053  | ug/l   | 98       |
| 70) Styrene                    | 12.05 | 104  | 156835   | 20.988  | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 27022    | 20.623  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.33 | 105  | 240670   | 20.775  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.15 | 43   | 78828    | 20.788  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 51851    | 20.899  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 68572    | 38.761  | ug/l # | 100      |
| 77) Bromobenzene               | 12.61 | 156  | 64233    | 25.033  | ug/l   | 77       |
| 78) n-propylbenzene            | 12.67 | 91   | 296313   | 21.251  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 164479   | 20.648  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 205918   | 21.295  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 18855    | 20.169  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 174309   | 20.486  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 172856   | 21.207  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 208382   | 21.464  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.26 | 105  | 248110   | 21.424  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 220484   | 21.604  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 102282   | 20.698  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 104035   | 20.734  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.70 | 91   | 221026   | 21.519  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.97 | 117  | 40727    | 21.053  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 93845    | 20.592  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 8967     | 20.945  | ug/l   | 94       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\  
Data File : VY001382.D  
Acq On : 24 Jan 2020 15:11  
Operator : SY/MD  
Sample : VY0124SBSD01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

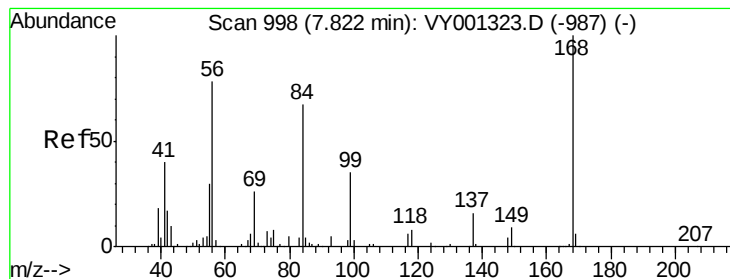
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jan 25 03:50:05 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y012120S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 23 01:21:47 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 62303    | 20.369  | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 31617    | 21.229  | ug/l  | 98       |
| 95) Naphthalene            | 15.24 | 128  | 726117   | 103.818 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.43 | 180  | 55606    | 20.724  | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

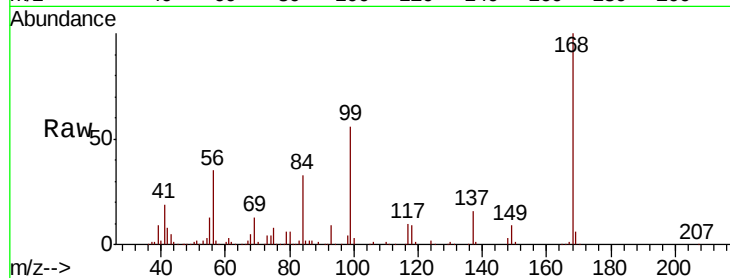
ClientSampled :

Tot Ion:168 Resp: 198540

Ion Ratio Lower Upper

168 100

99 55.9 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.81

80000

60000

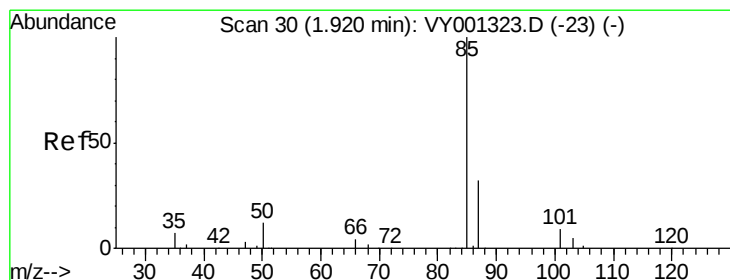
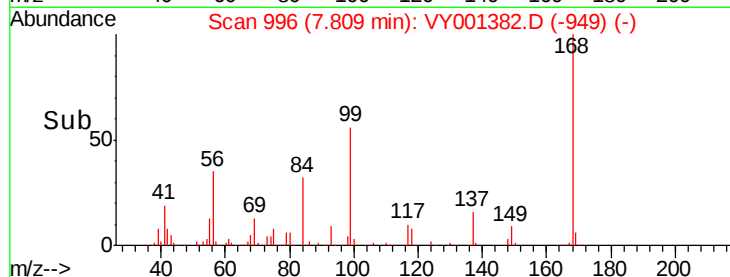
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.150 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.02 min

Lab File: VY001382.D

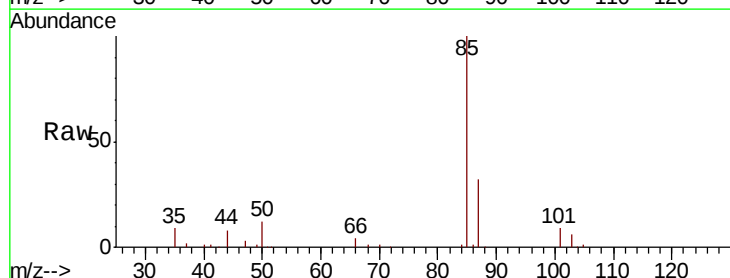
Acq: 24 Jan 2020 15:11

Tgt Ion: 85 Resp: 36246

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.90

25000

20000

15000

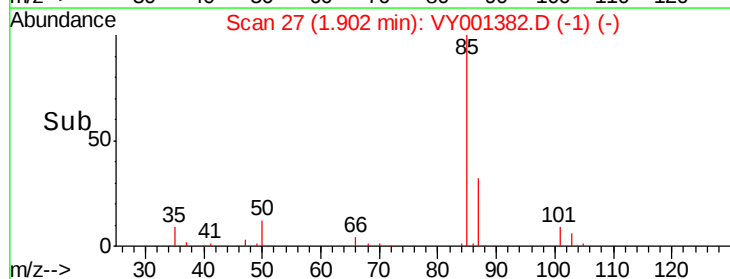
10000

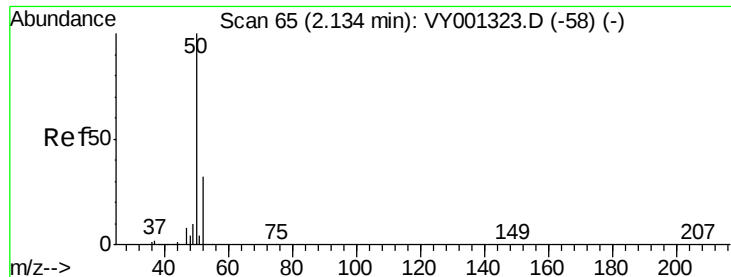
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 22.218 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

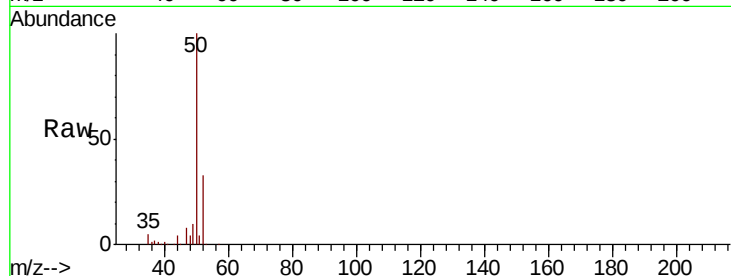
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 50 Resp: 52575

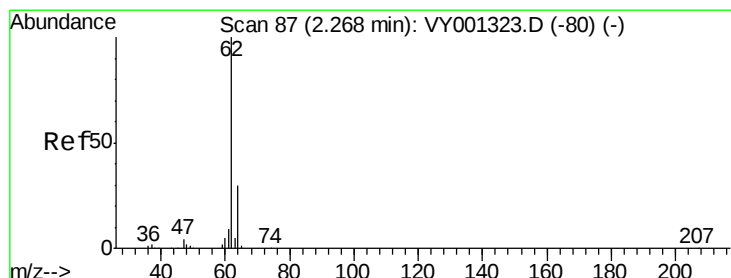
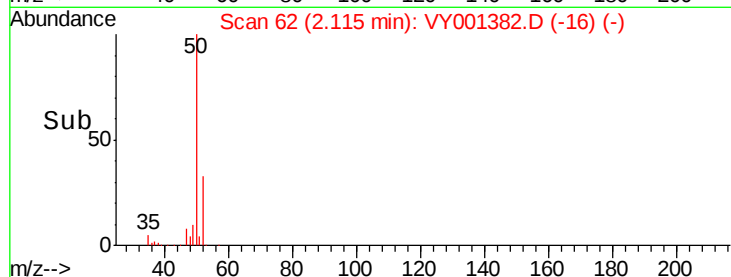
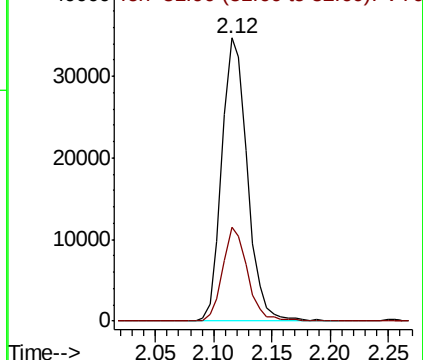
Ion Ratio Lower Upper

50 100

52 33.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY0  
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.854 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001382.D

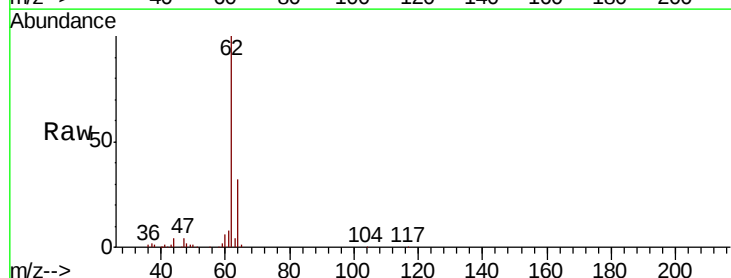
Acq: 24 Jan 2020 15:11

Tgt Ion: 62 Resp: 53922

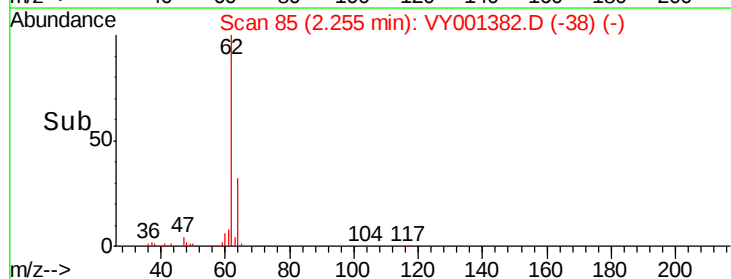
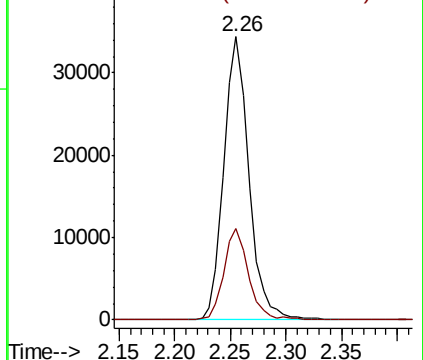
Ion Ratio Lower Upper

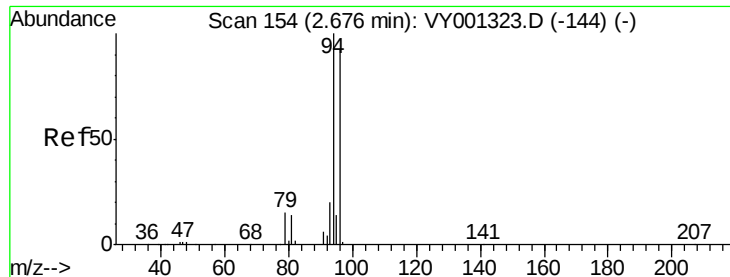
62 100

64 32.4 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0  
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.937 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.04 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

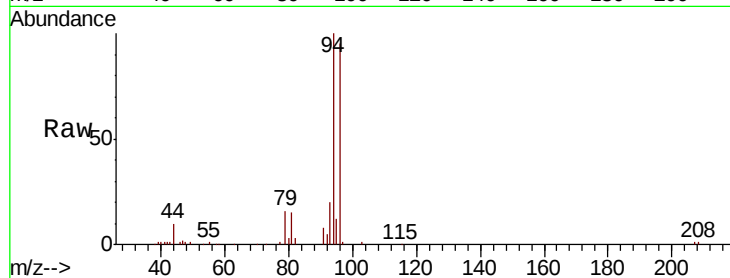
ClientSampleId :

Tot Ion: 94 Resp: 33130

Ion Ratio Lower Upper

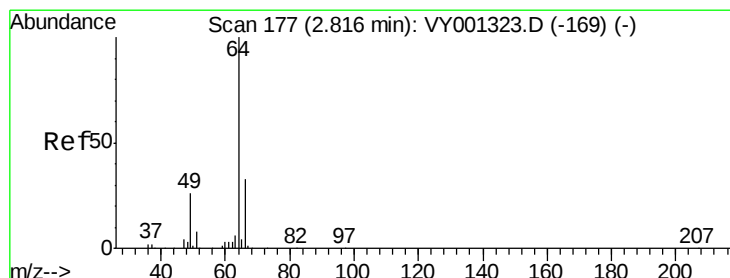
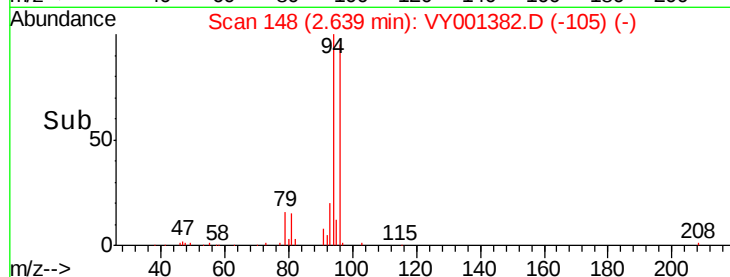
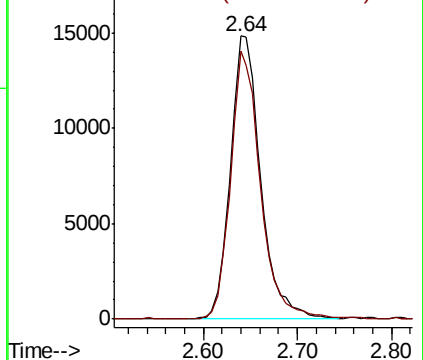
94 100

96 94.9 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.535 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.02 min

Lab File: VY001382.D

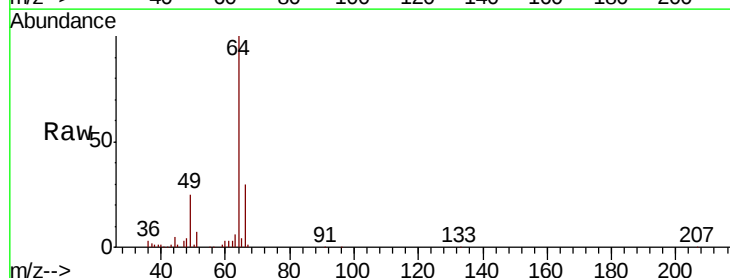
Acq: 24 Jan 2020 15:11

Tgt Ion: 64 Resp: 33953

Ion Ratio Lower Upper

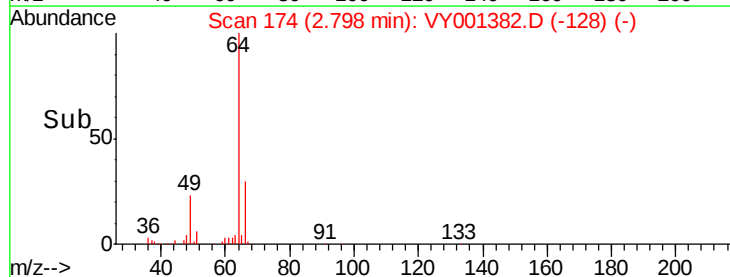
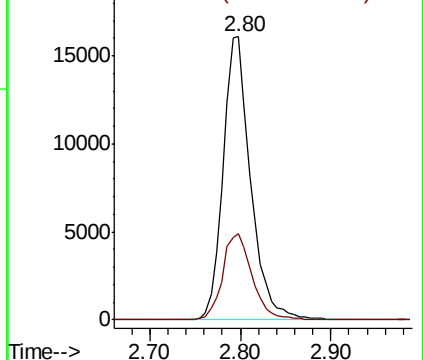
64 100

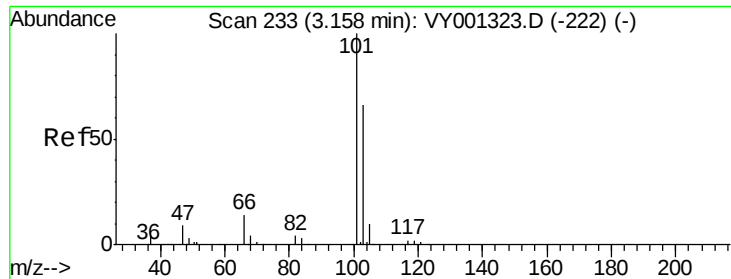
66 30.3 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



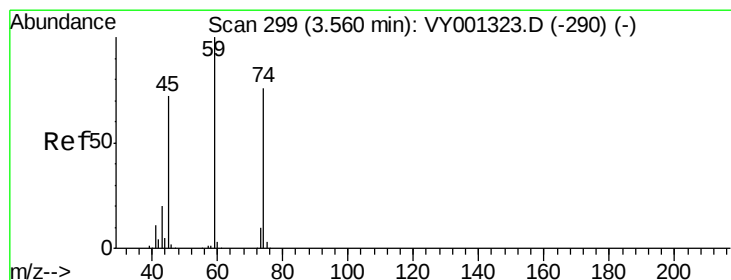
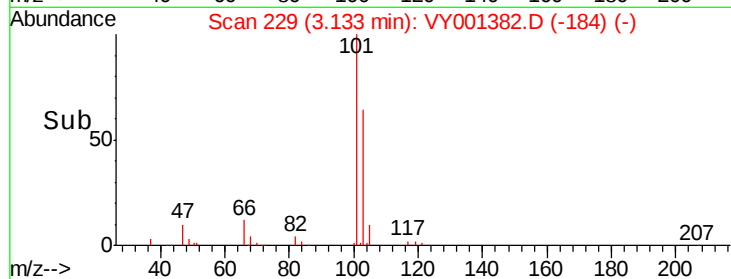
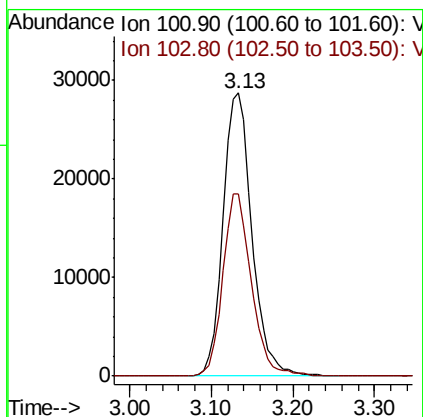
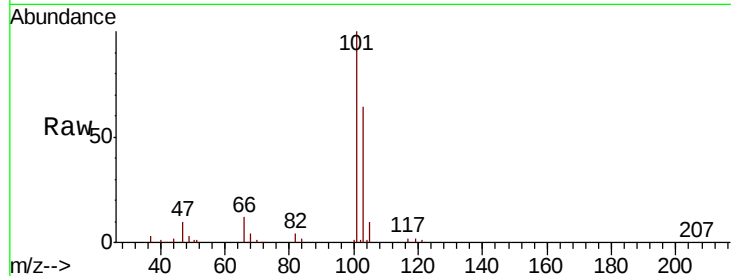


#7

Trichlorofluoromethane  
Concen: 22.178 ug/l  
RT: 3.13 min Scan# 229  
Delta R.T. -0.02 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Instrument :  
MSVOA\_Y  
ClientSampleId :

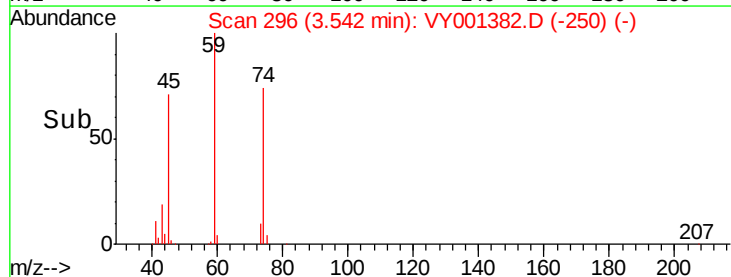
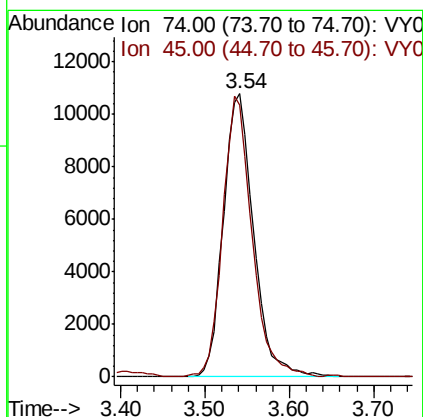
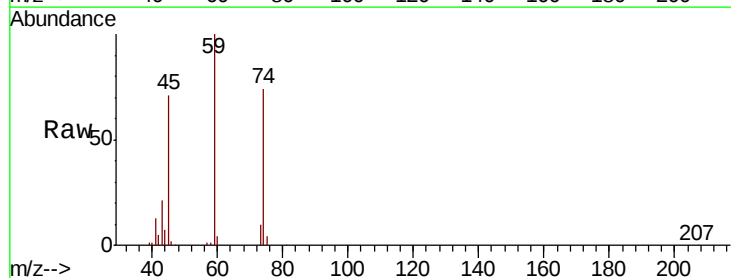
Tot Ion:101 Resp: 70016  
Ion Ratio Lower Upper  
101 100  
103 64.4 52.5 78.7



#8

Diethyl Ether  
Concen: 19.885 ug/l  
RT: 3.54 min Scan# 296  
Delta R.T. -0.02 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 74 Resp: 26500  
Ion Ratio Lower Upper  
74 100  
45 96.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.990 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampleId :

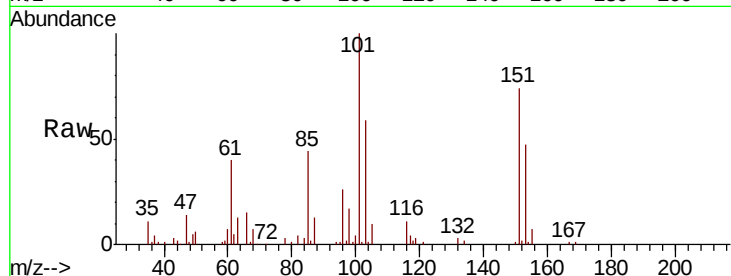
Tot Ion:101 Resp: 44211

Ion Ratio Lower Upper

101 100

85 43.9 34.9 52.3

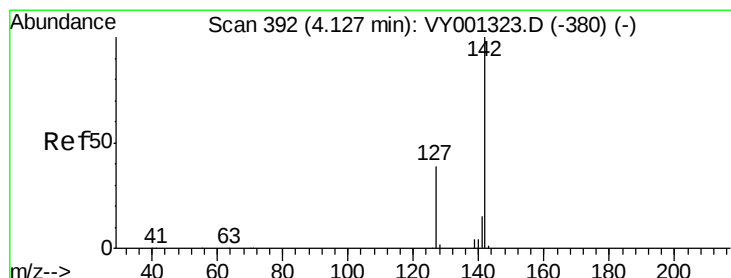
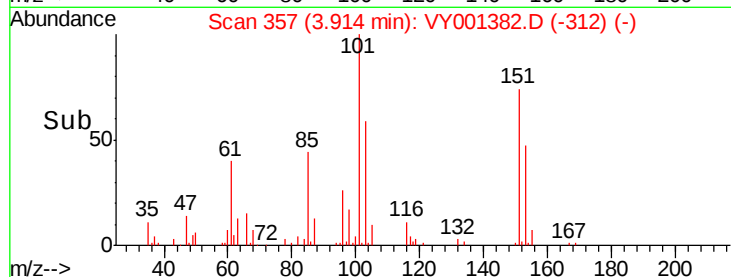
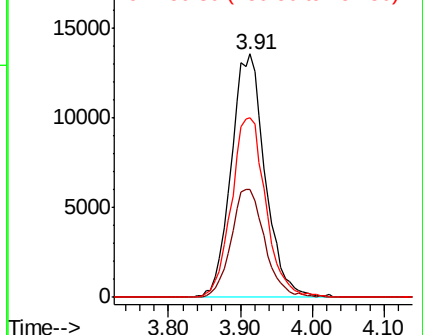
151 74.9 59.9 89.9



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: 19.629 ug/l

RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

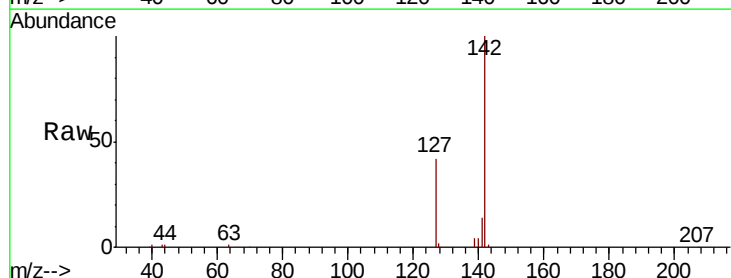
Tgt Ion:142 Resp: 52050

Ion Ratio Lower Upper

142 100

127 40.2 31.6 47.4

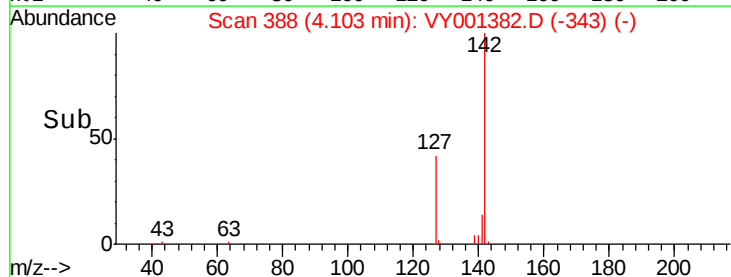
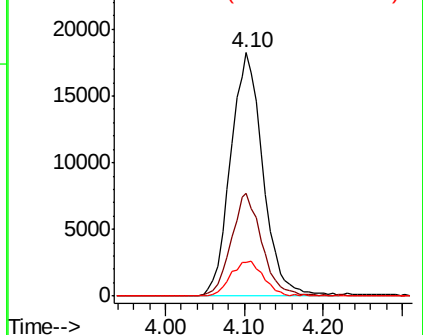
141 14.7 11.2 16.8

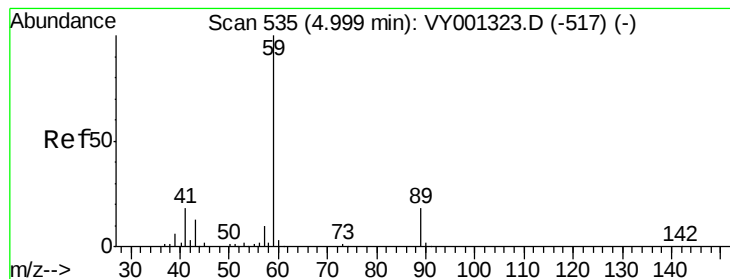


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



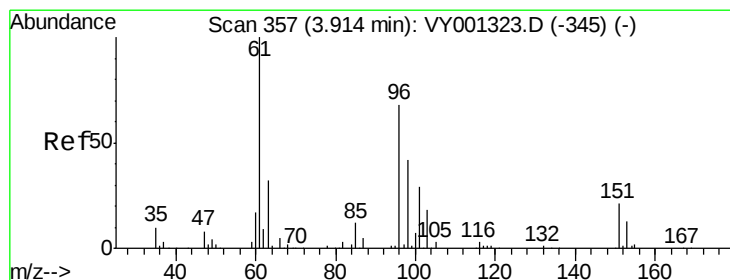
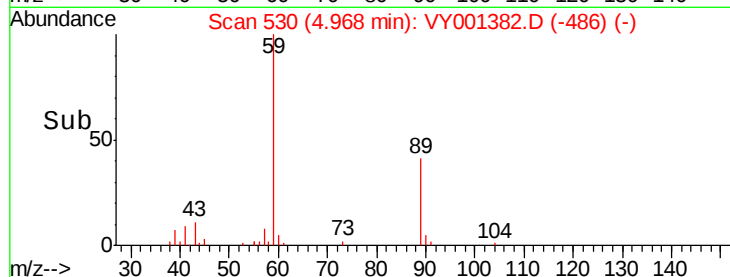
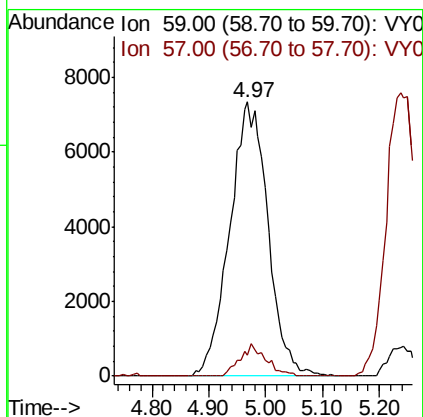
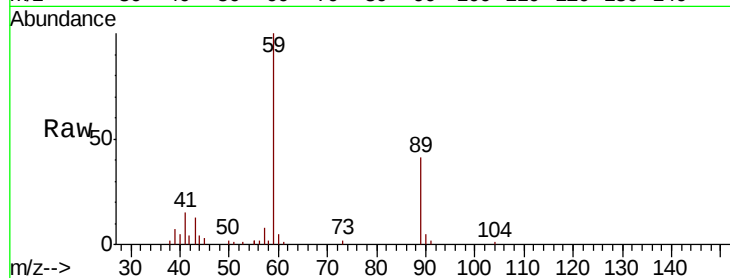


#11

Tert butyl alcohol  
 Concen: 115.726 ug/l  
 RT: 4.97 min Scan# 530  
 Delta R.T. -0.03 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

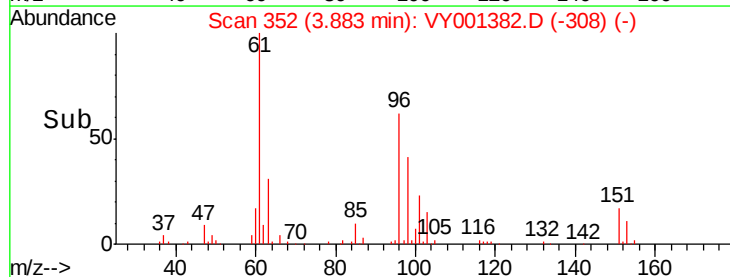
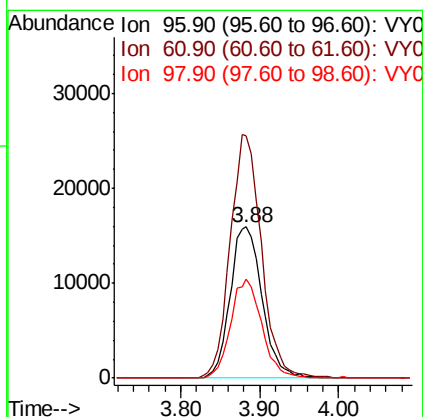
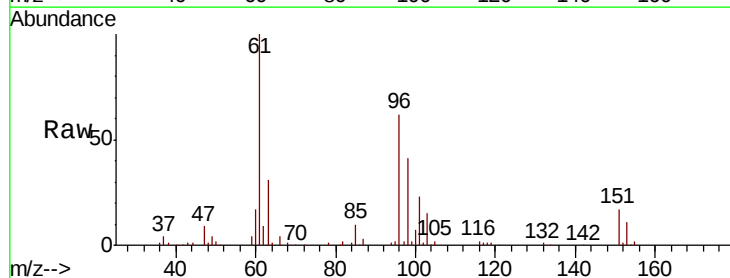
Tot Ion: 59 Resp: 34260  
 Ion Ratio Lower Upper  
 59 100  
 57 8.0 7.4 11.2

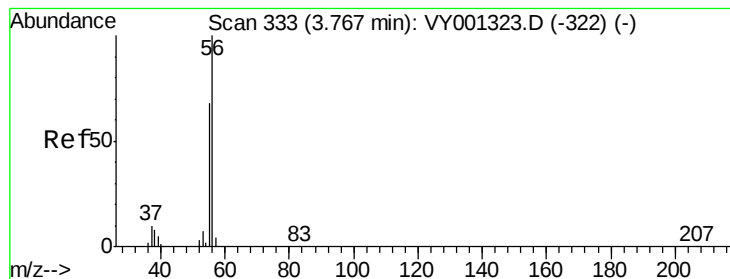


#12

1,1-Dichloroethene  
 Concen: 21.278 ug/l  
 RT: 3.88 min Scan# 352  
 Delta R.T. -0.03 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Tgt Ion: 96 Resp: 44854  
 Ion Ratio Lower Upper  
 96 100  
 61 160.4 118.0 177.0  
 98 65.5 49.4 74.2





#13

Acrolein

Concen: 119.557 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

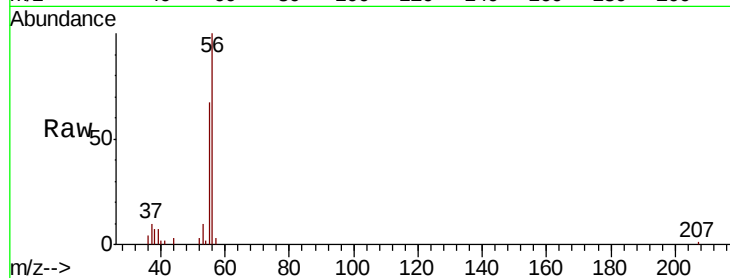
ClientSampleId :

Tot Ion: 56 Resp: 20237

Ion Ratio Lower Upper

56 100

55 70.5 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VY001382.D (-284) (-)

Ion 55.00 (54.70 to 55.70): VY001382.D (-284) (-)

3.74

8000

6000

4000

2000

0

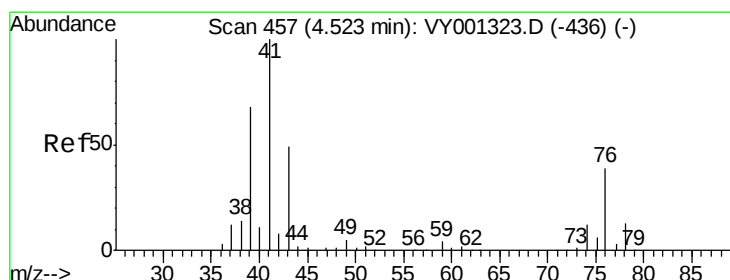
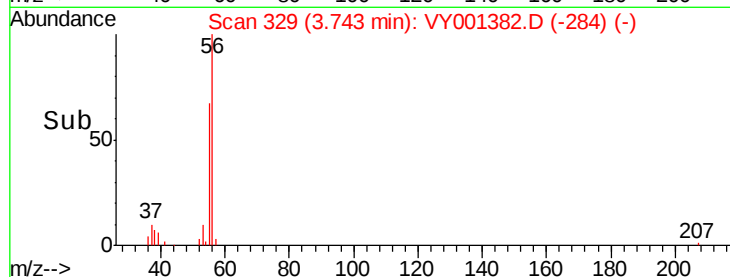
Time-->

3.60

3.70

3.80

3.90



#14

Allyl chloride

Concen: 21.058 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

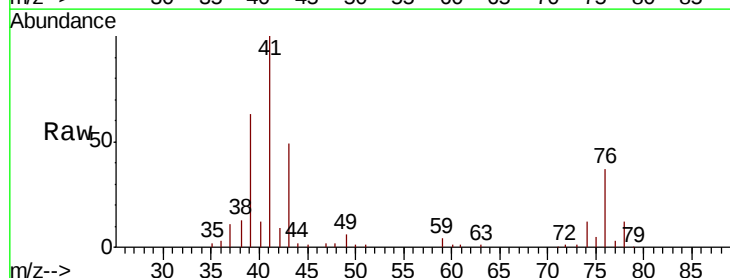
Tgt Ion: 41 Resp: 79162

Ion Ratio Lower Upper

41 100

39 65.6 52.2 78.4

76 35.4 29.1 43.7



Abundance Ion 41.00 (40.70 to 41.70): VY001382.D (-408) (-)

Ion 39.00 (38.70 to 39.70): VY001382.D (-408) (-)

Ion 75.90 (75.60 to 76.60): VY001382.D (-408) (-)

4.50

30000

25000

20000

15000

10000

5000

0

Time-->

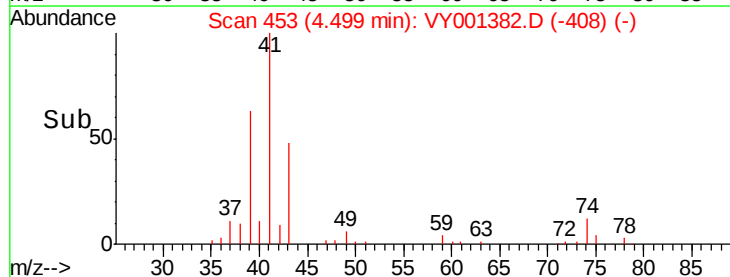
4.30

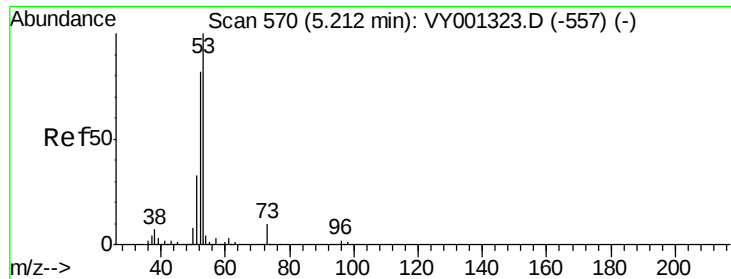
4.40

4.50

4.60

4.70





#15

Acrylonitrile

Concen: 104.796 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.03 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampleId :

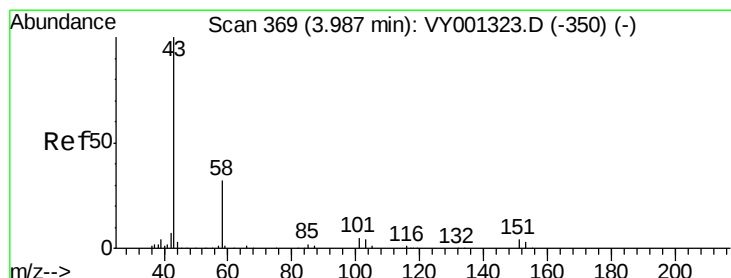
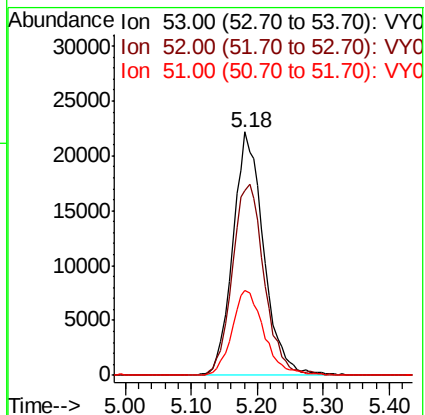
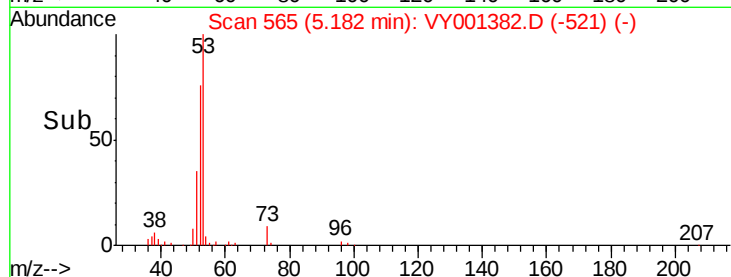
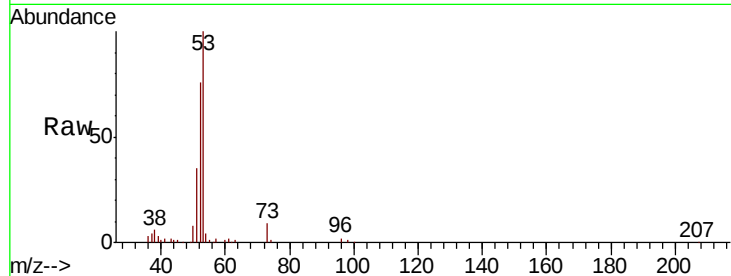
Tot Ion: 53 Resp: 71489

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

51 36.3 28.4 42.6



#16

Acetone

Concen: 113.258 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.02 min

Lab File: VY001382.D

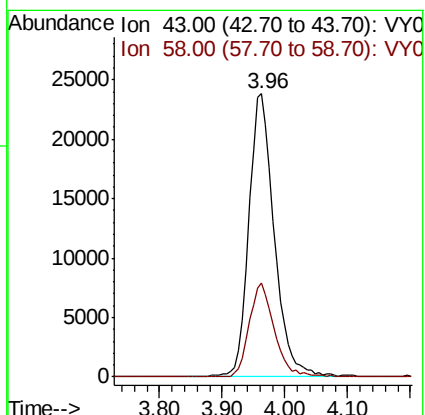
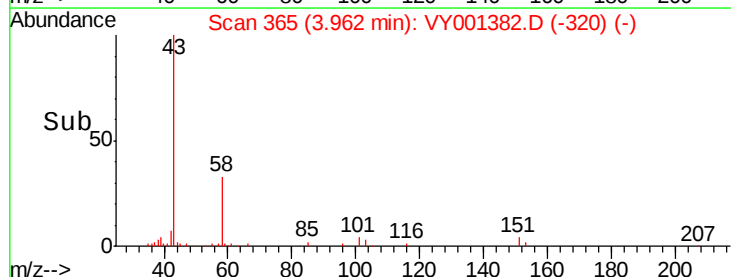
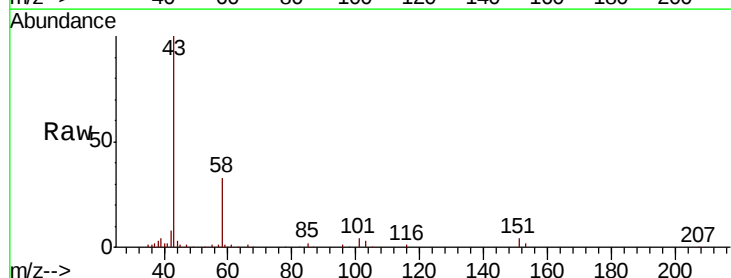
Acq: 24 Jan 2020 15:11

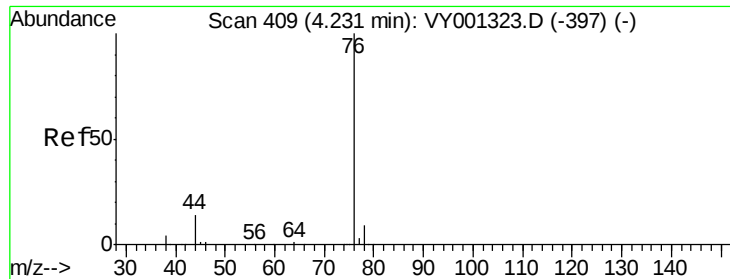
Tgt Ion: 43 Resp: 66816

Ion Ratio Lower Upper

43 100

58 33.2 25.4 38.0

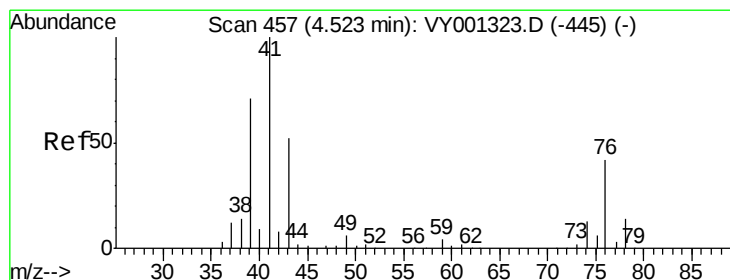
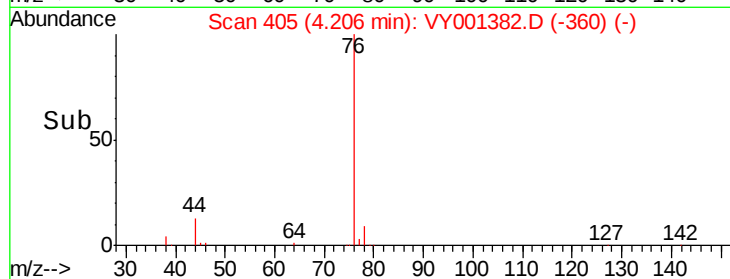
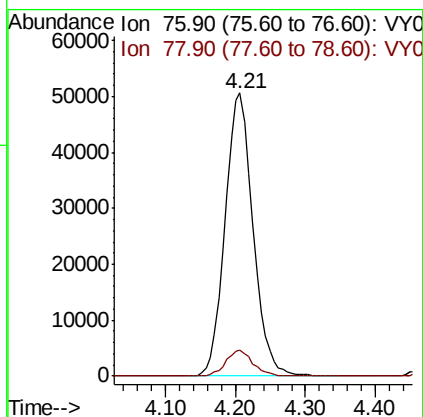
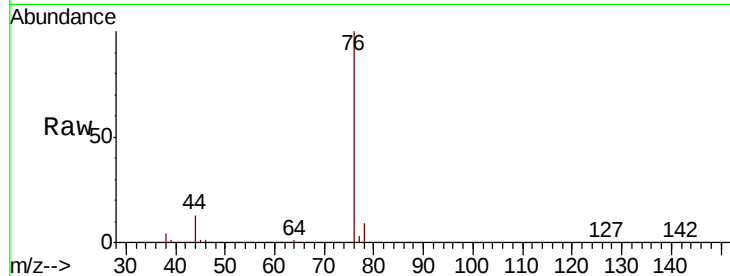




#17  
Carbon Disulfide  
Concen: 21.148 ug/l  
RT: 4.21 min Scan# 405  
Delta R.T. -0.02 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

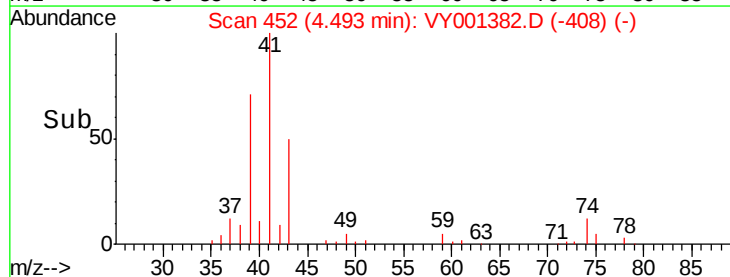
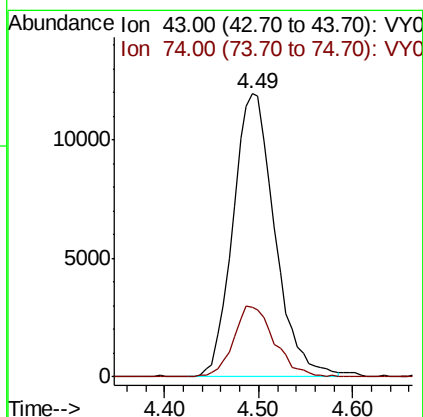
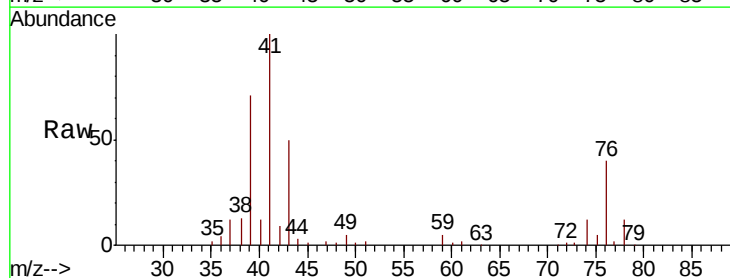
Instrument :  
MSVOA\_Y  
ClientSampleId :

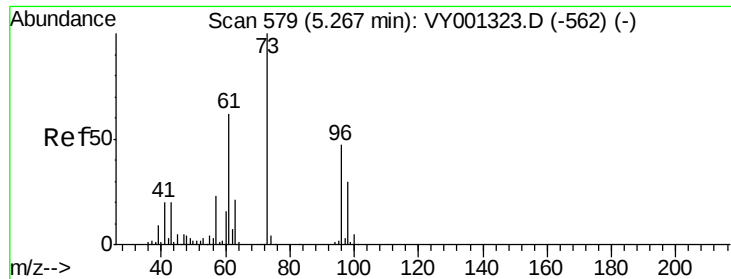
Tot Ion: 76 Resp: 140204  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 20.308 ug/l  
RT: 4.49 min Scan# 452  
Delta R.T. -0.03 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 43 Resp: 36998  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.4 29.2

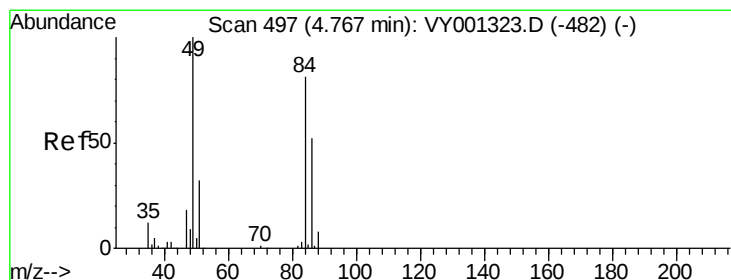
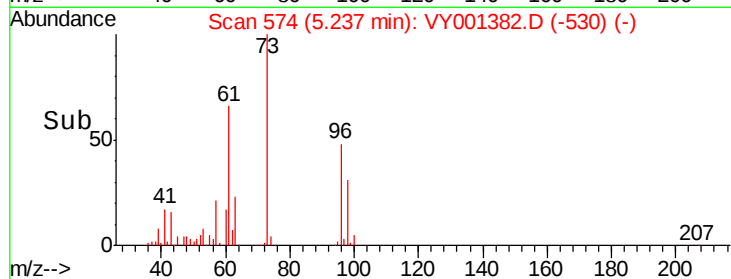
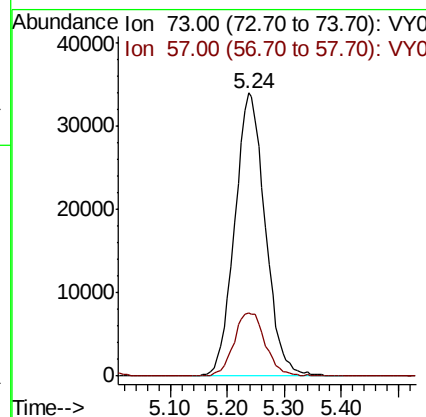
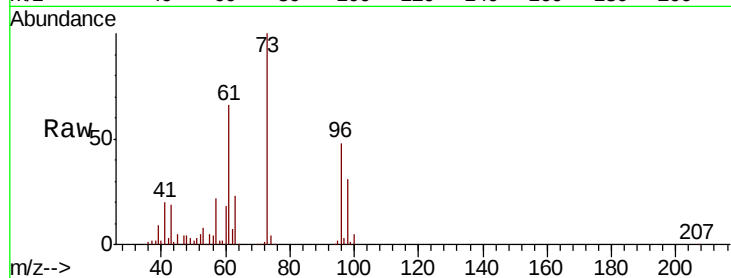




#19  
Methvl tert-butvl Ether  
Concen: 20.531 ug/l  
RT: 5.24 min Scan# 574  
Delta R.T. -0.03 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

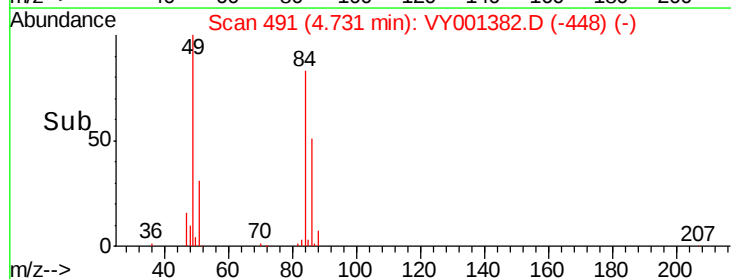
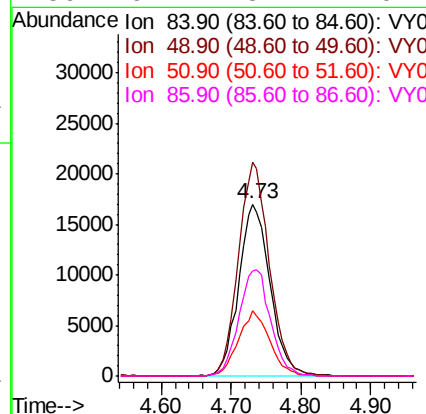
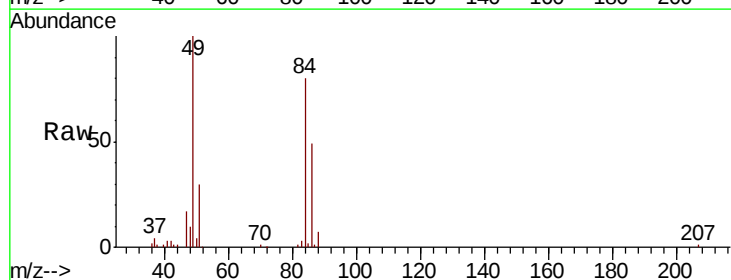
Instrument :  
MSVOA\_Y  
ClientSampled :

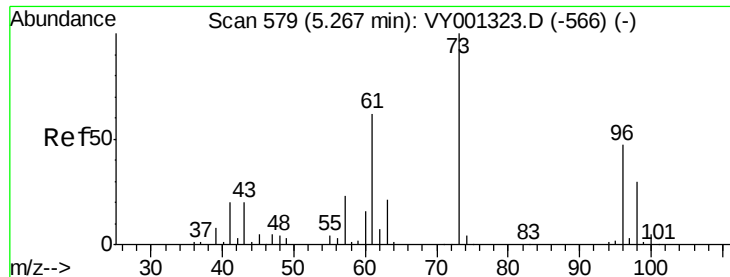
Tot Ion: 73 Resp: 126719  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.2 27.2



#20  
Methylene Chloride  
Concen: 17.078 ug/l  
RT: 4.73 min Scan# 491  
Delta R.T. -0.04 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 84 Resp: 53006  
Ion Ratio Lower Upper  
84 100  
49 124.3 98.3 147.5  
51 37.7 31.6 47.4  
86 61.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 20.862 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.04 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :  
MSVOA\_Y  
ClientSampled :

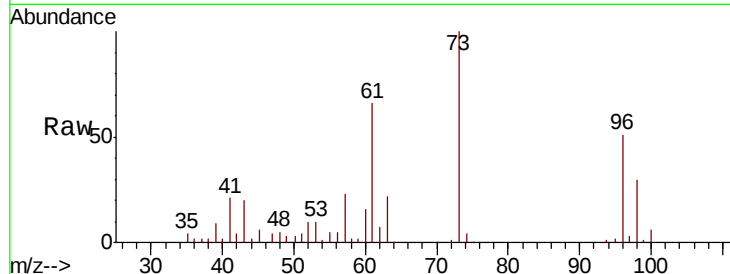
Tot Ion: 96 Resp: 51083

Ion Ratio Lower Upper

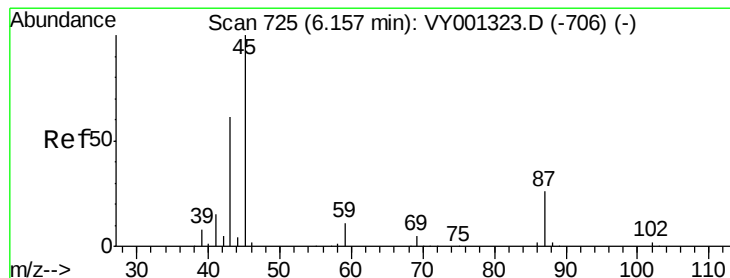
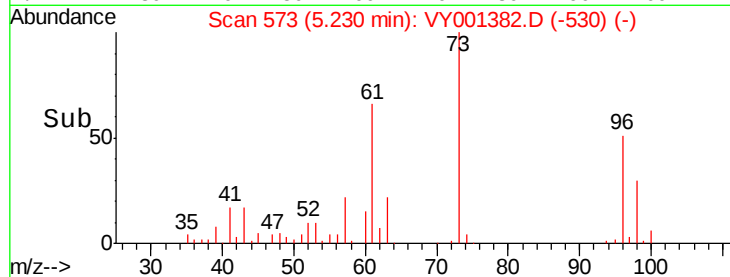
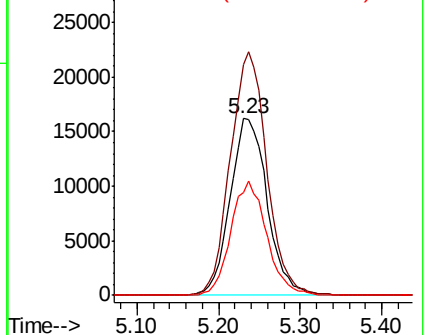
96 100

61 130.7 106.8 160.2

98 58.4 51.0 76.6



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



#22

Diisopropyl ether

Concen: 20.400 ug/l

RT: 6.14 min Scan# 722

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Tgt Ion: 45 Resp: 162847

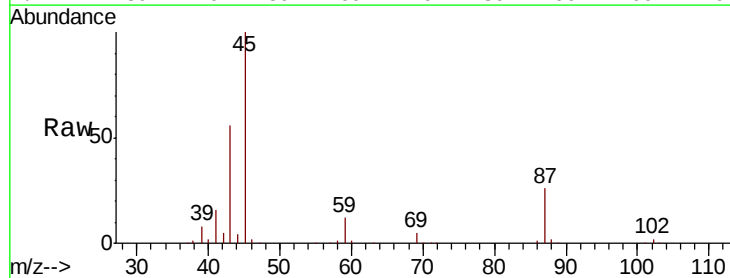
Ion Ratio Lower Upper

45 100

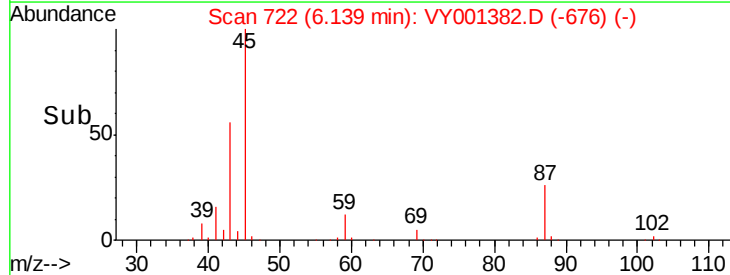
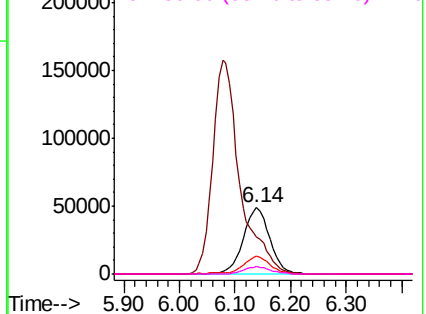
43 55.6 49.2 73.8

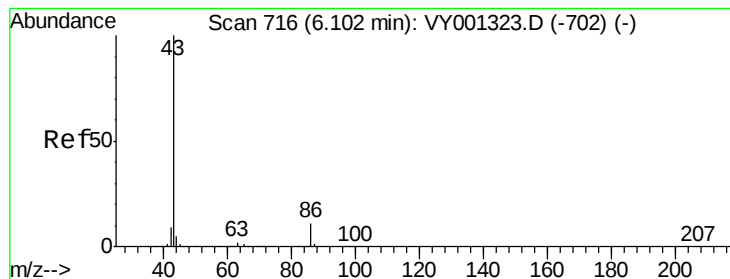
87 26.5 21.4 32.2

59 11.9 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 87.00 (86.70 to 87.70): VY0  
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 103.433 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

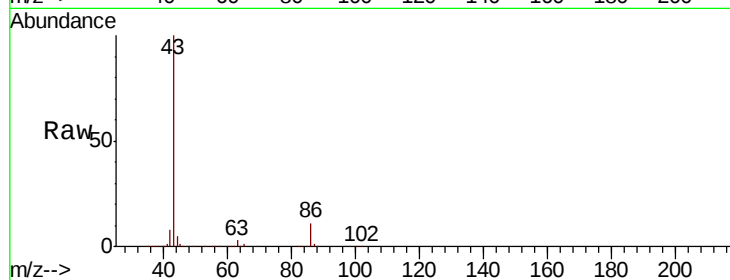
ClientSampleId :

Tot Ion: 43 Resp: 536028

Ion Ratio Lower Upper

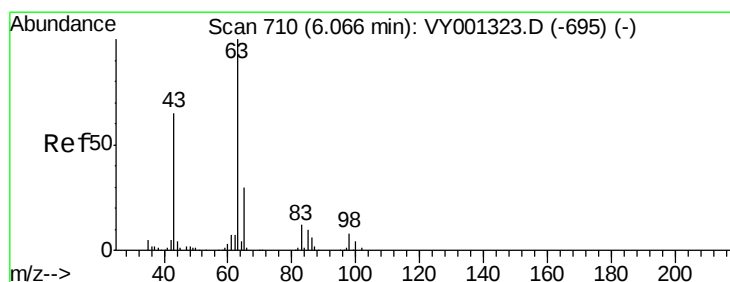
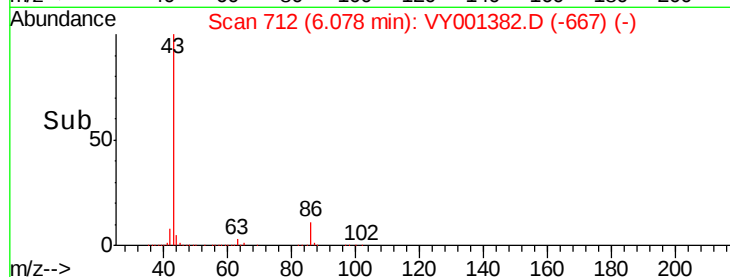
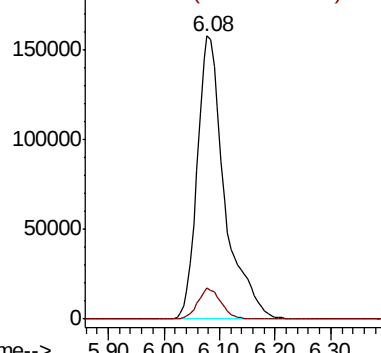
43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.790 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

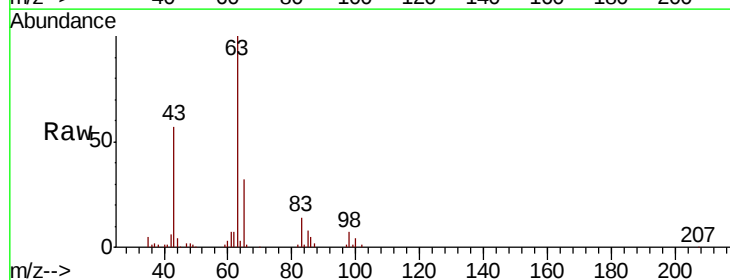
Tgt Ion: 63 Resp: 87477

Ion Ratio Lower Upper

63 100

98 6.8 4.0 12.0

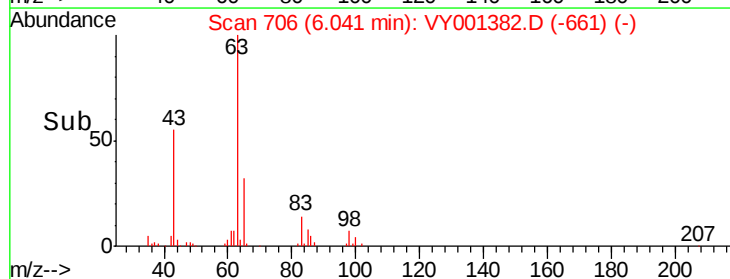
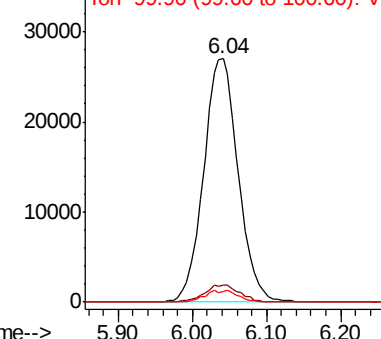
100 4.4 2.1 6.3



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

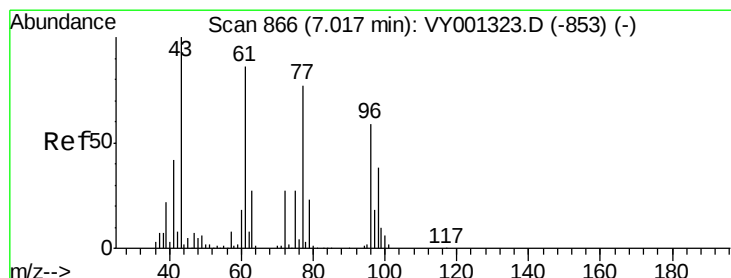
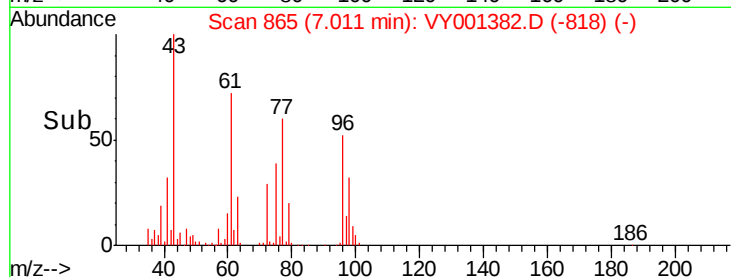
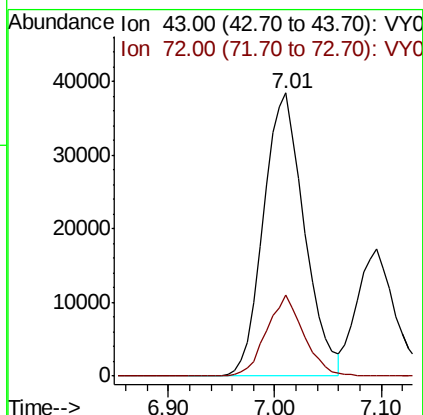
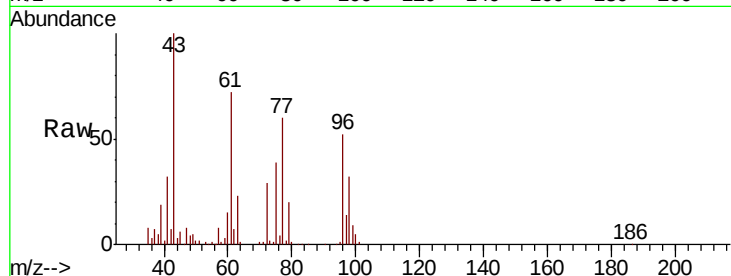




#25  
2-Butanone  
Concen: 109.399 ug/l  
RT: 7.01 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

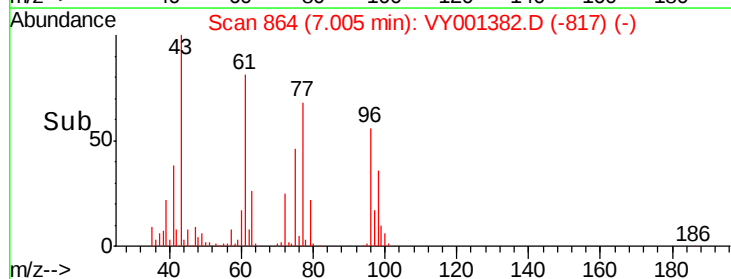
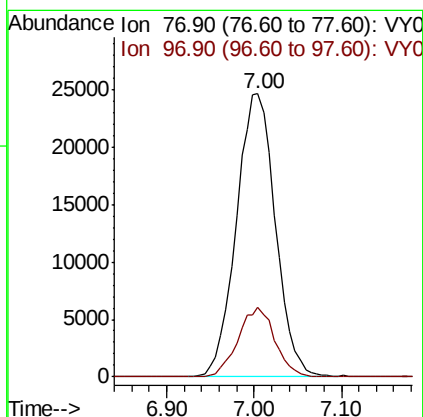
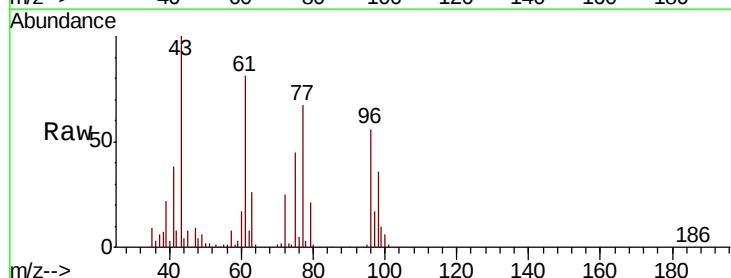
Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 43 Resp: 102870  
Ion Ratio Lower Upper  
43 100  
72 28.7 20.6 31.0



#26  
2,2-Dichloropropane  
Concen: 20.403 ug/l  
RT: 7.00 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 77 Resp: 76468  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.9 35.5



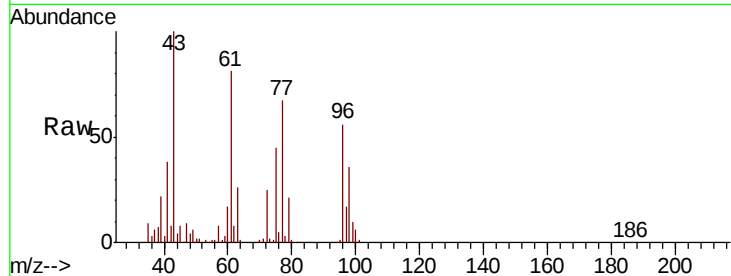


#27

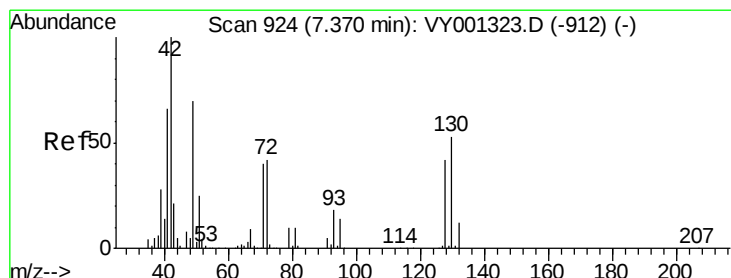
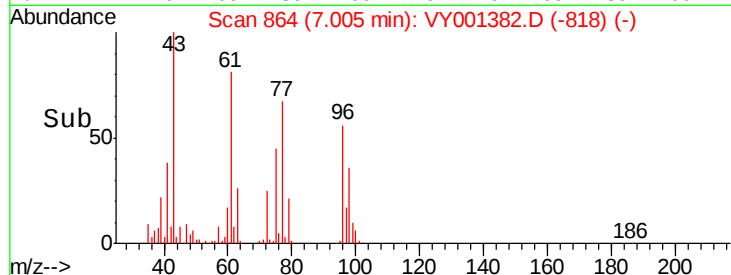
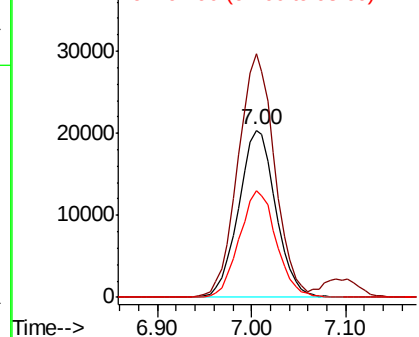
cis-1,2-Dichloroethene  
 Concen: 20.471 ug/l  
 RT: 7.00 min Scan# 864  
 Delta R.T. -0.02 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

| Tot Ion | 96    | Resp  | 56021 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 143.9 | 0.0   | 284.8 |
| 98      | 63.5  | 0.0   | 128.4 |



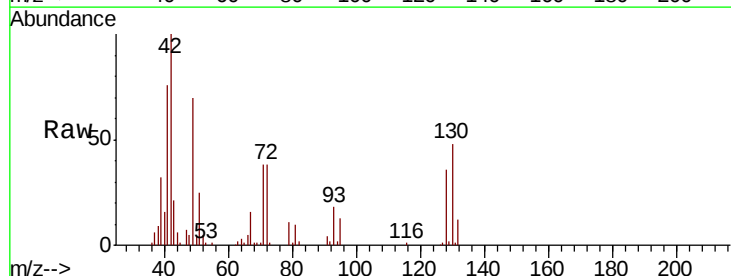
Abundance Ion 95.90 (95.60 to 96.60): VY0  
 Ion 60.90 (60.60 to 61.60): VY0  
 Ion 97.90 (97.60 to 98.60): VY0



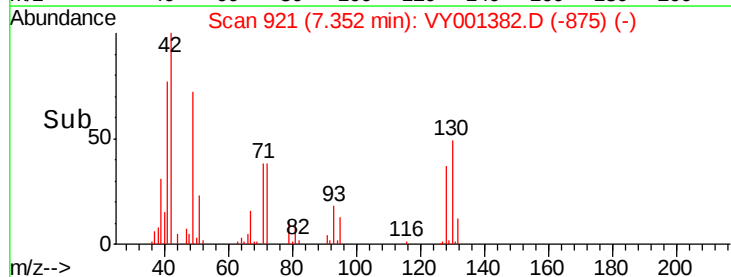
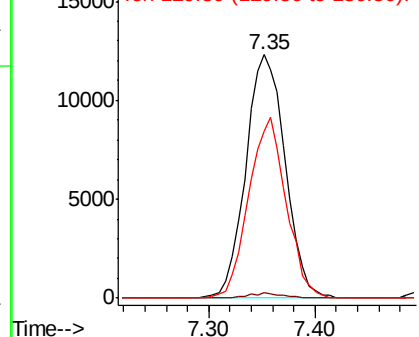
#28

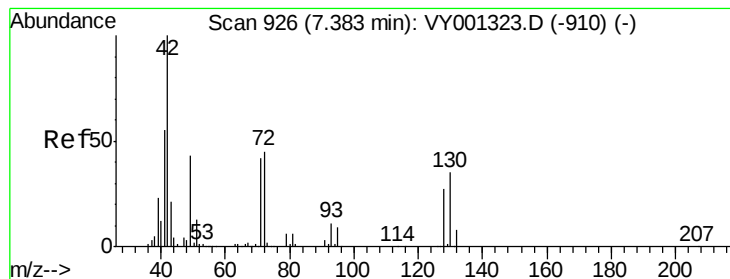
Bromochloromethane  
 Concen: 18.367 ug/l  
 RT: 7.35 min Scan# 921  
 Delta R.T. -0.02 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

| Tgt Ion | 49    | Resp  | 31870 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 1.8   | 0.0   | 4.0   |
| 130     | 70.7  | 58.9  | 88.3  |



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





#29

Tetrahydrofuran

Concen: 104.768 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.02 min

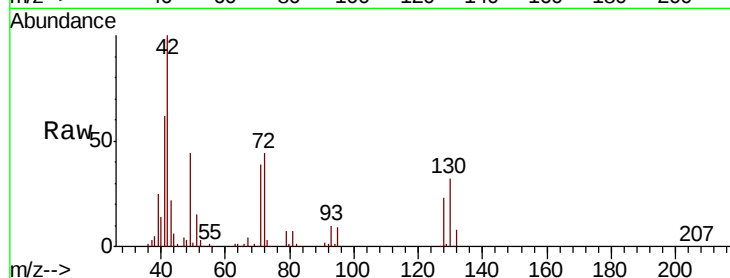
Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 42 Resp: 64093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 42.0  | 34.6  | 51.8  |
| 71  | 39.6  | 32.6  | 48.8  |

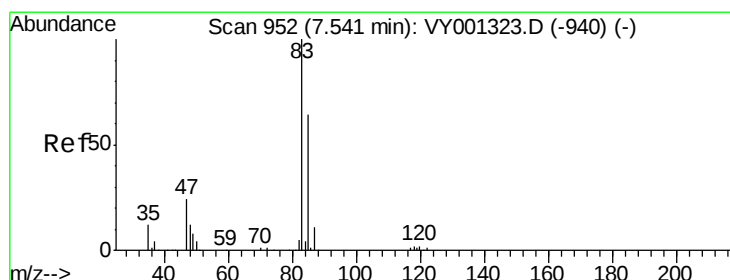
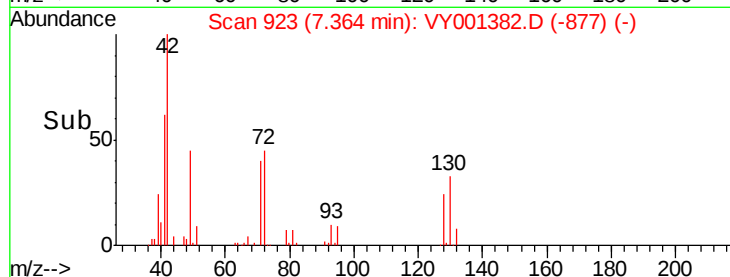
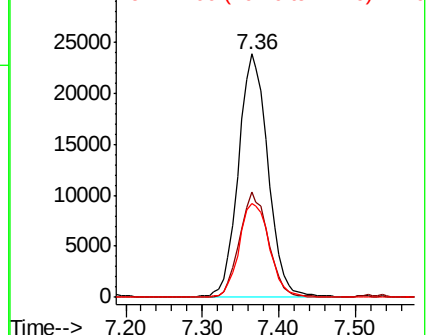


Abundance

Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 20.224 ug/l

RT: 7.52 min Scan# 949

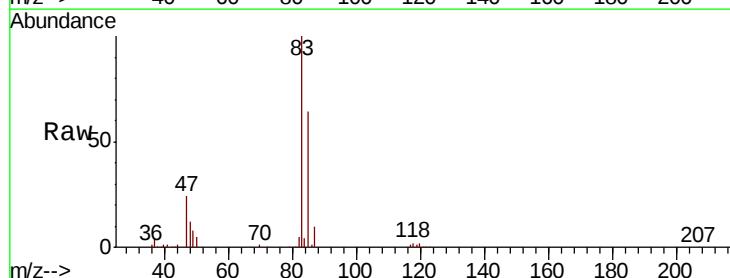
Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Tgt Ion: 83 Resp: 83409

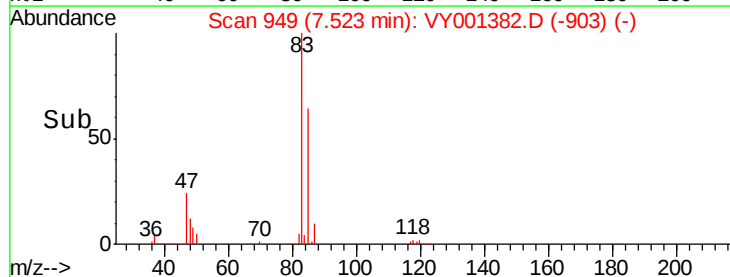
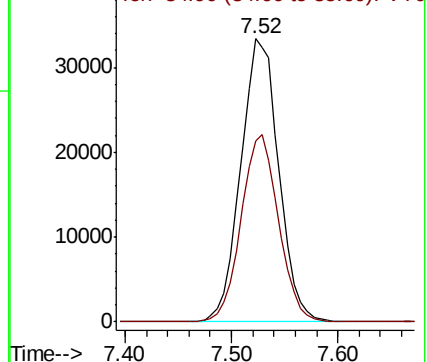
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.0  | 51.5  | 77.3  |

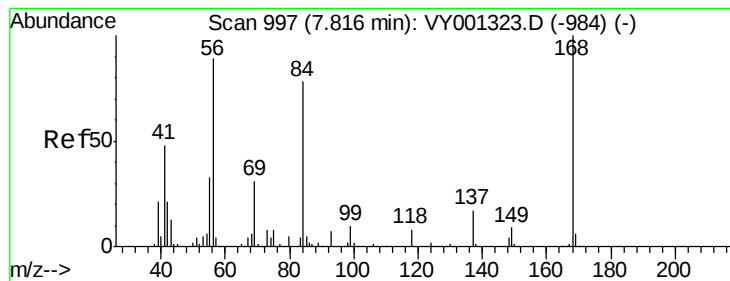


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.561 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :  
MSVOA\_Y  
ClientSampleId :

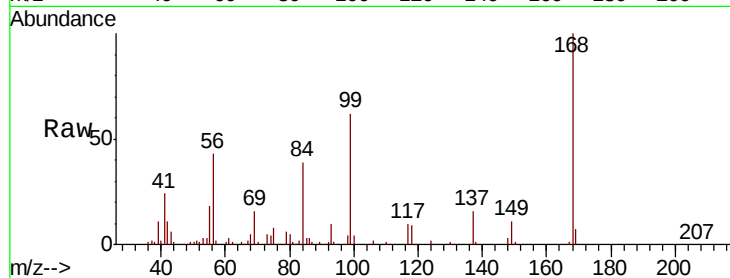
Tot Ion: 56 Resp: 90072

Ion Ratio Lower Upper

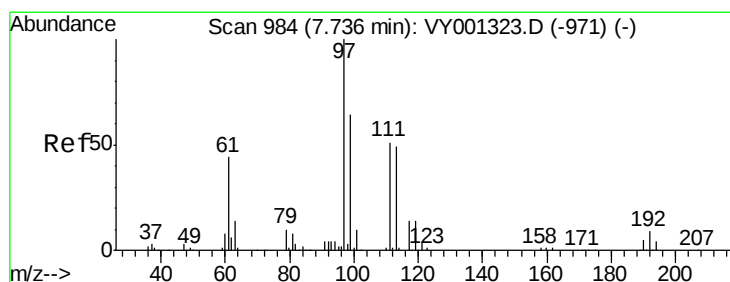
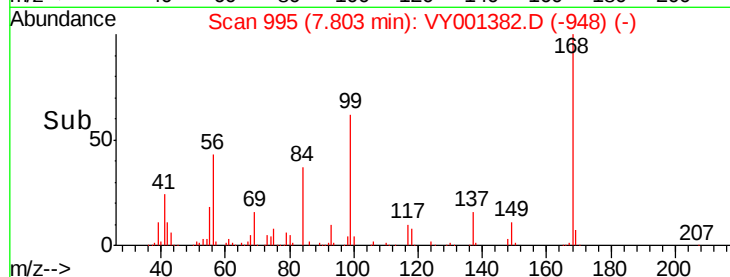
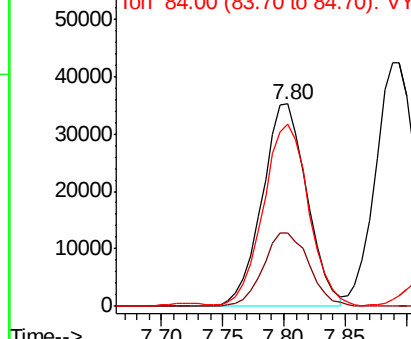
56 100

69 36.3 27.6 41.4

84 89.1 69.7 104.5



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



#32

1,1,1-Trichloroethane

Concen: 21.027 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

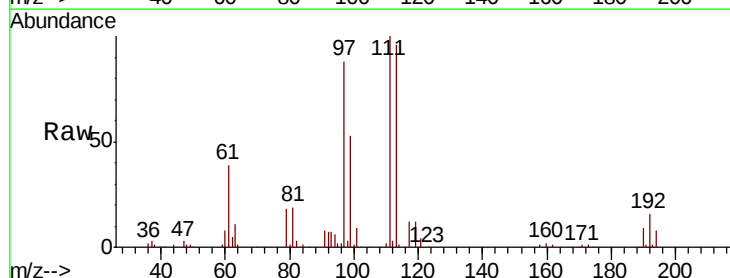
Tgt Ion: 97 Resp: 73222

Ion Ratio Lower Upper

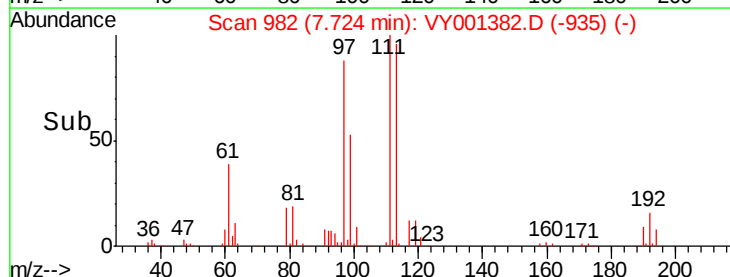
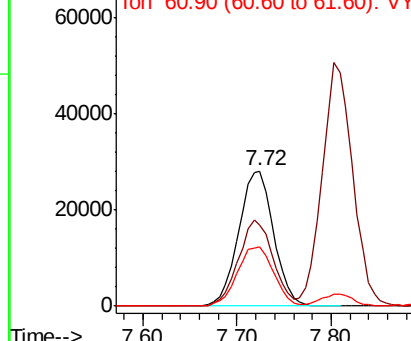
97 100

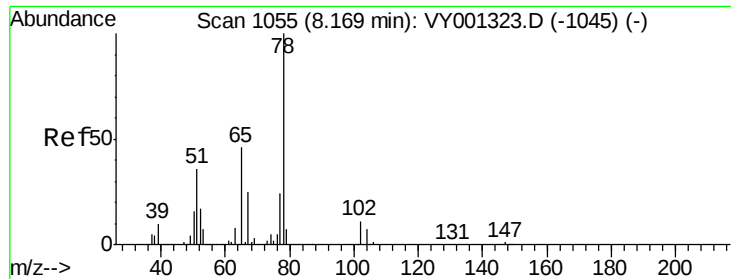
99 62.8 51.3 76.9

61 45.6 35.9 53.9



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

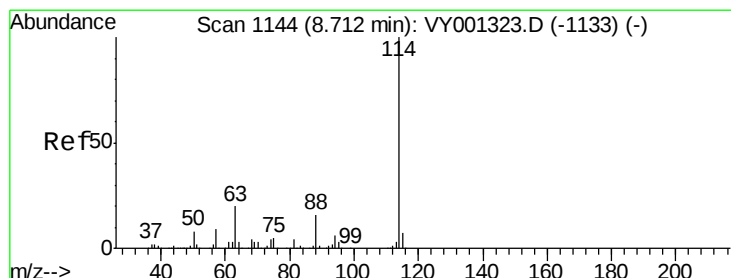
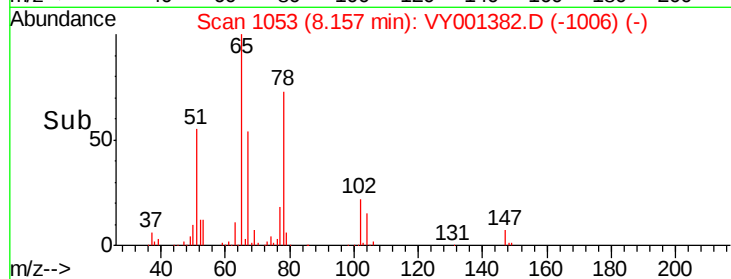
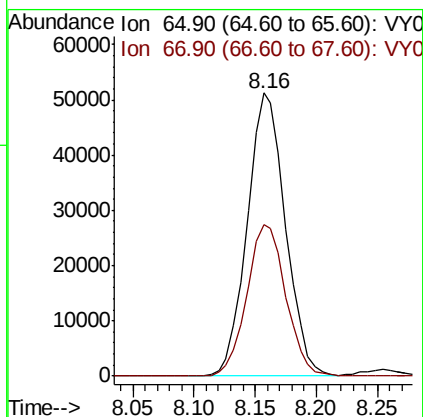
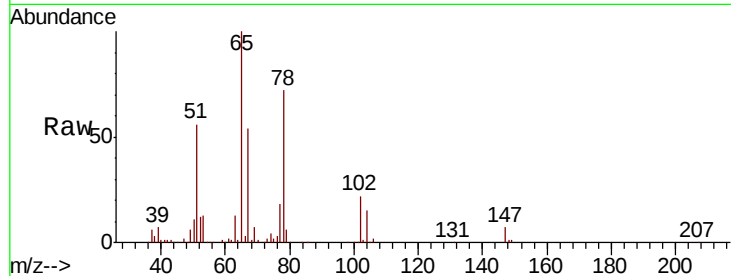




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.569 ug/l  
 RT: 8.16 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

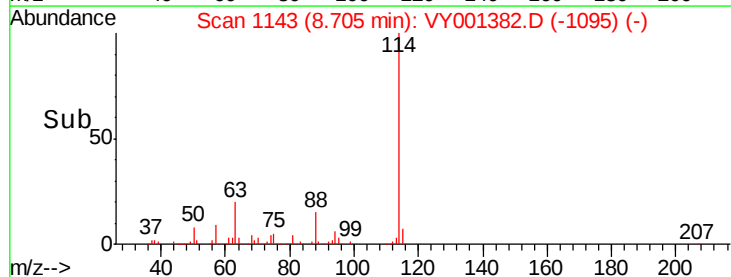
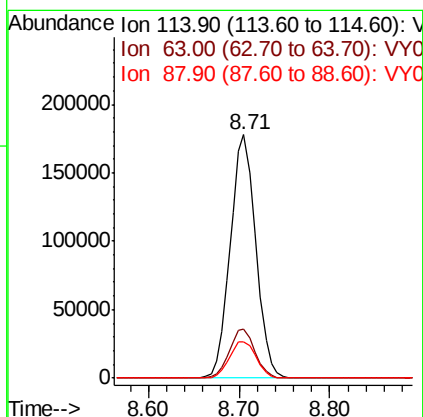
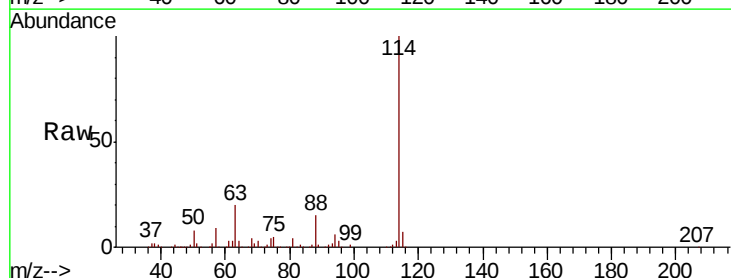
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

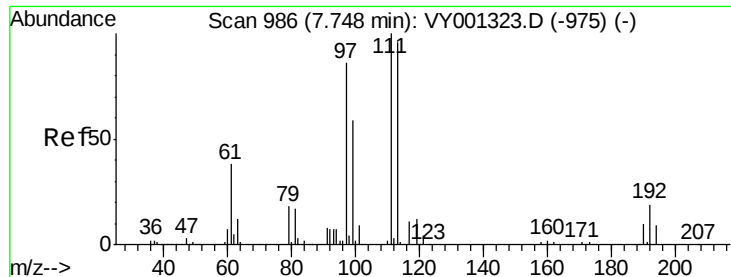
Tot Ion: 65 Resp: 111410  
 Ion Ratio Lower Upper  
 65 100  
 67 54.5 0.0 108.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1143  
 Delta R.T. -0.01 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Tgt Ion: 114 Resp: 346062  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 40.8  
 88 15.0 0.0 31.0

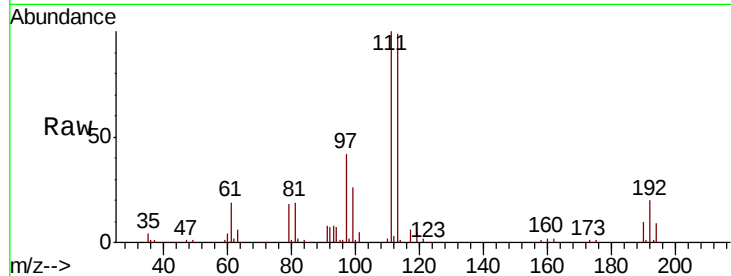




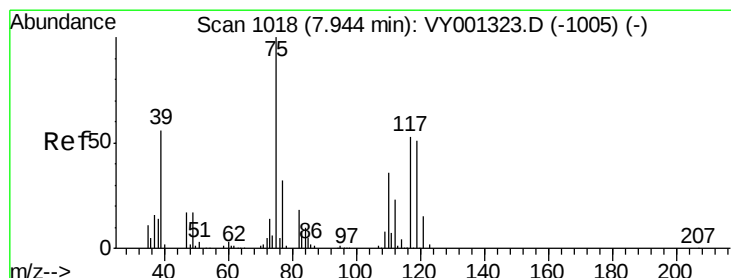
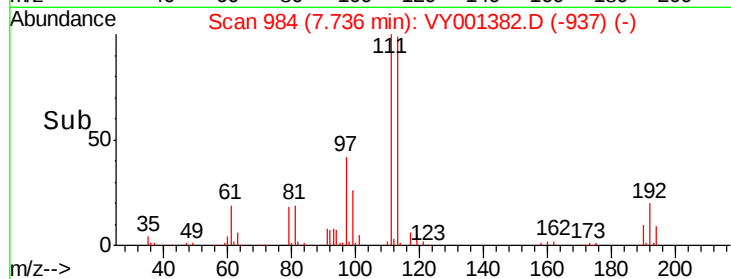
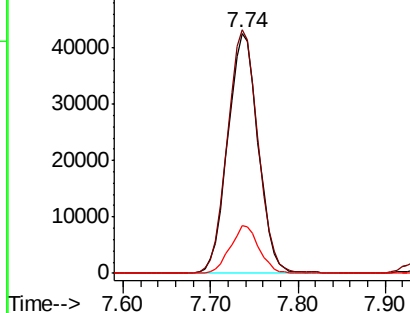
#35  
 Dibromofluoromethane  
 Concen: 50.481 ug/l  
 RT: 7.74 min Scan# 984  
 Delta R.T. -0.01 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion:113 Resp: 102532  
 Ion Ratio Lower Upper  
 113 100  
 111 102.4 82.8 124.2  
 192 18.8 15.5 23.3

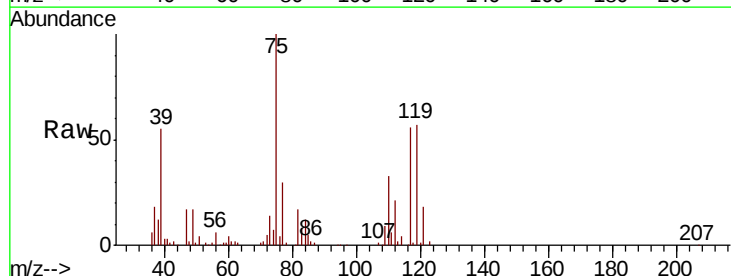


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

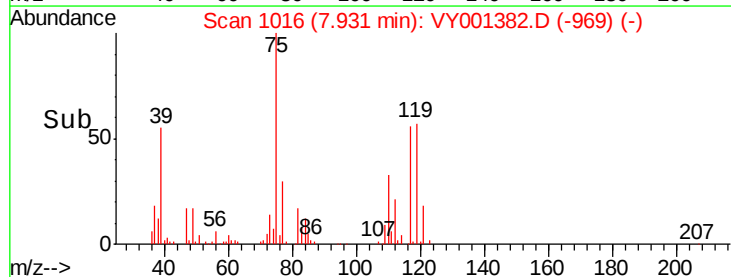
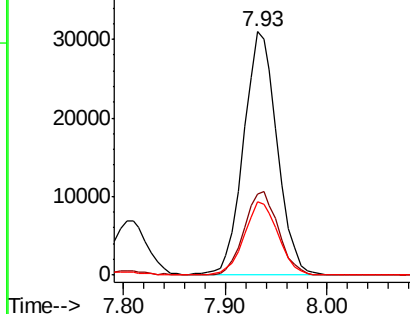


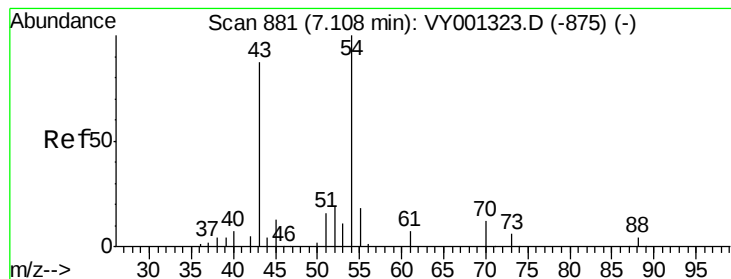
#36  
 1,1-Dichloropropene  
 Concen: 21.652 ug/l  
 RT: 7.93 min Scan# 1016  
 Delta R.T. -0.01 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Tgt Ion: 75 Resp: 70791  
 Ion Ratio Lower Upper  
 75 100  
 110 34.8 17.6 52.8  
 77 30.5 24.7 37.1



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





#37

Ethyl Acetate

Concen: 21.973 ug/l

RT: 7.10 min Scan# 879

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampled :

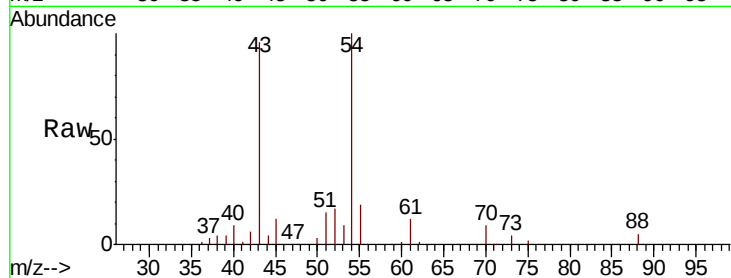
Tot Ion: 43 Resp: 43892

Ion Ratio Lower Upper

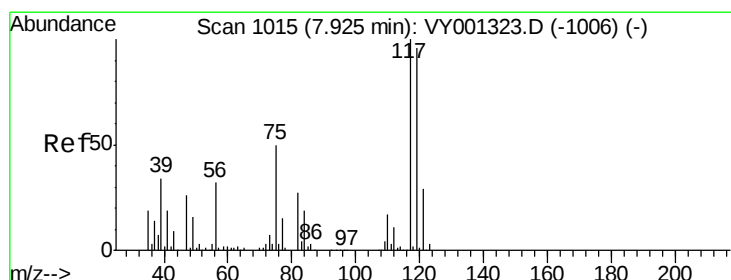
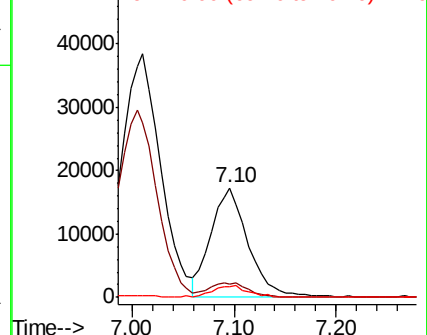
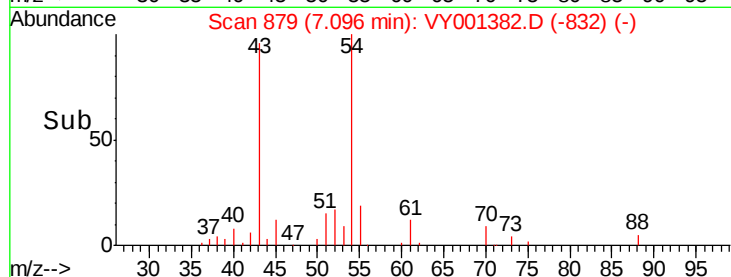
43 100

61 13.7 11.3 16.9

70 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VY001382.D (-832) (-)



#38

Carbon Tetrachloride

Concen: 21.757 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

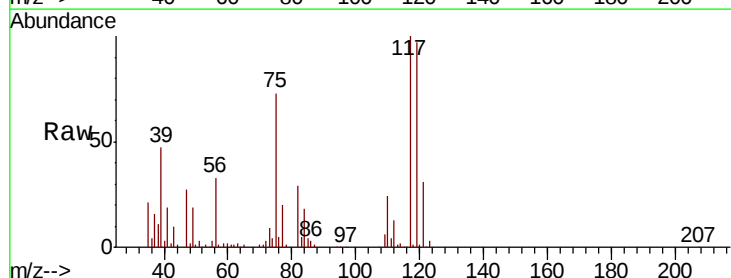
Tgt Ion: 117 Resp: 63395

Ion Ratio Lower Upper

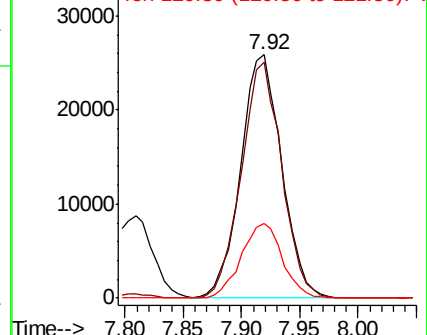
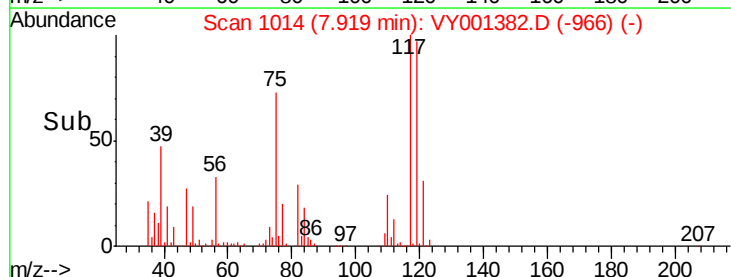
117 100

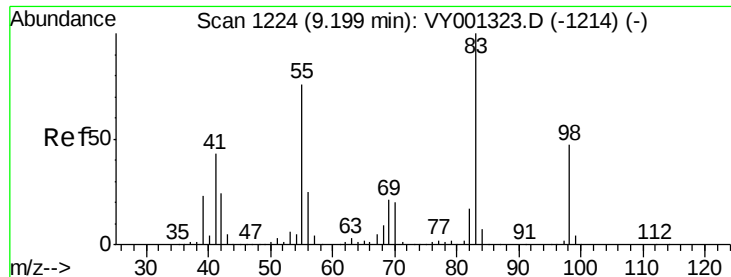
119 96.7 76.3 114.5

121 30.8 23.5 35.3



Abundance Ion 116.80 (116.50 to 117.50): VY001382.D (-966) (-)

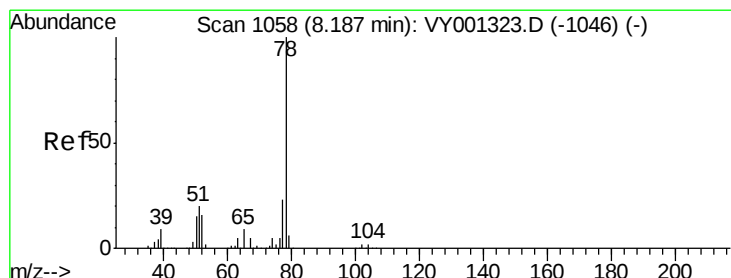
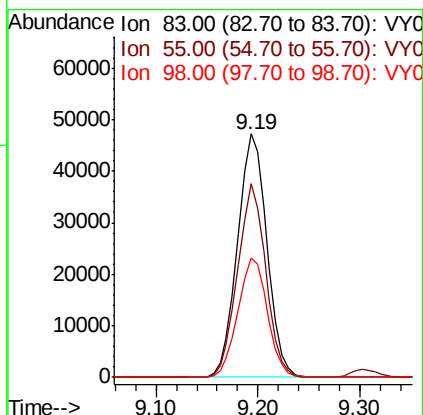
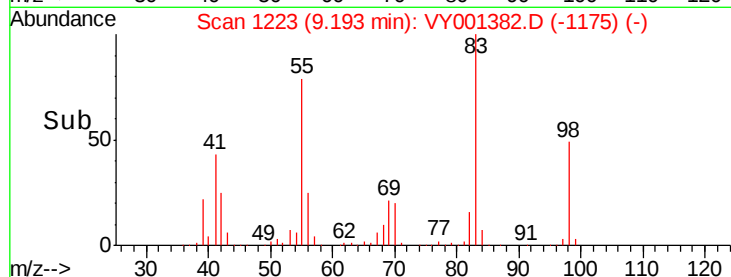
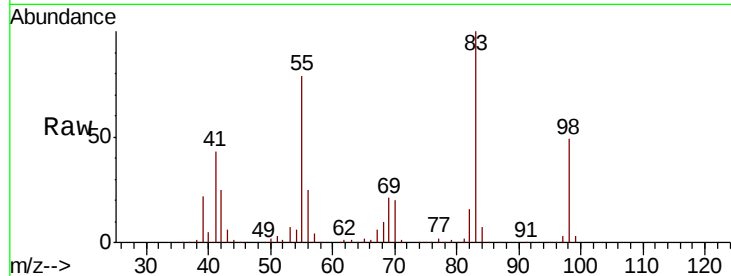




#39  
Methvlcvclohexane  
Concen: 22.501 ug/l  
RT: 9.19 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

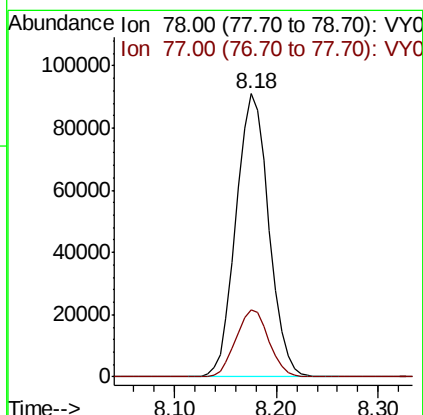
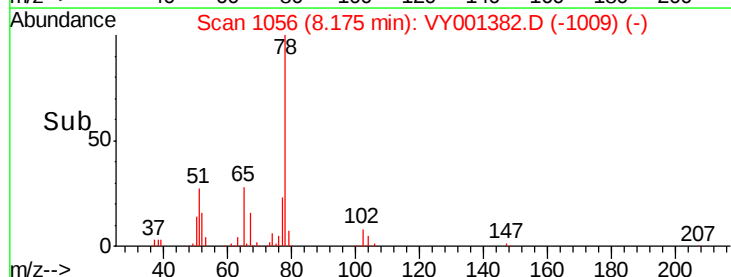
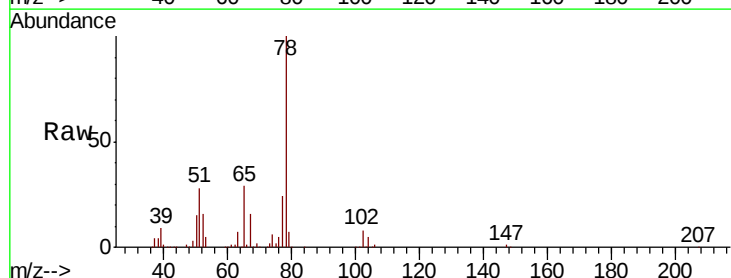
Instrument :  
MSVOA\_Y  
ClientSampleId :

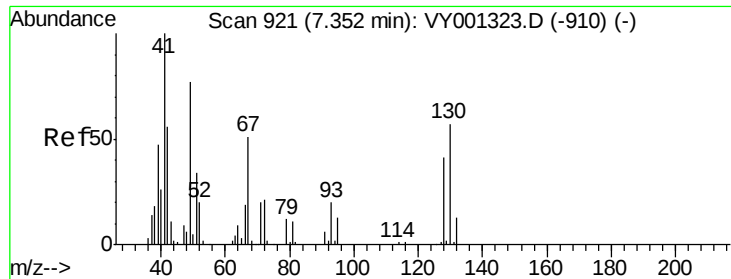
Tot Ion: 83 Resp: 94241  
Ion Ratio Lower Upper  
83 100  
55 79.5 60.7 91.1  
98 49.0 37.8 56.8



#40  
Benzene  
Concen: 20.699 ug/l  
RT: 8.18 min Scan# 1056  
Delta R.T. -0.01 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 78 Resp: 202910  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.6 27.8

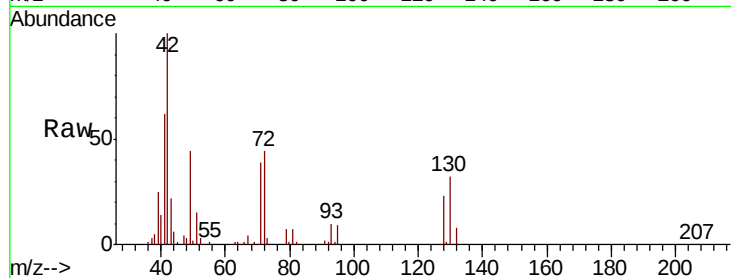




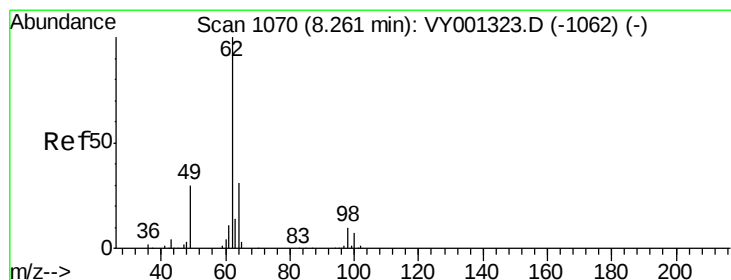
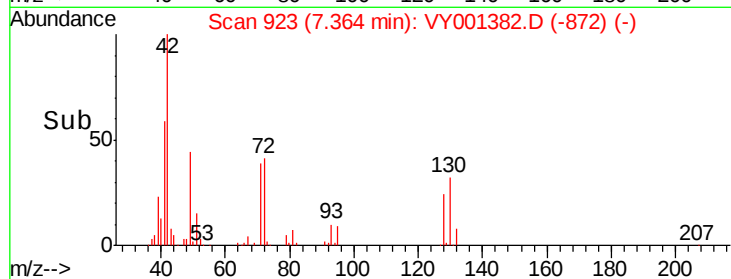
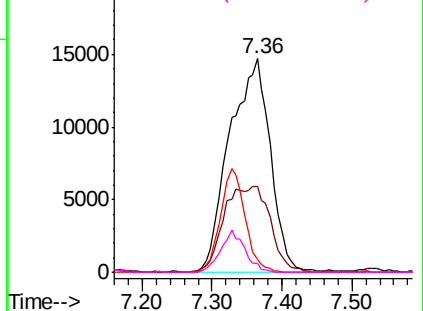
#41  
Methacrylonitrile  
Concen: 57.618 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. 0.01 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 41 Resp: 59392  
Ion Ratio Lower Upper  
41 100  
39 45.5 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

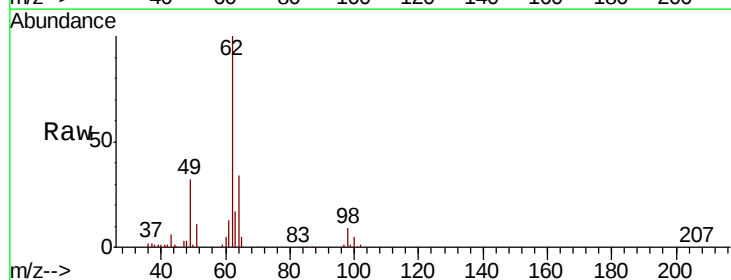


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

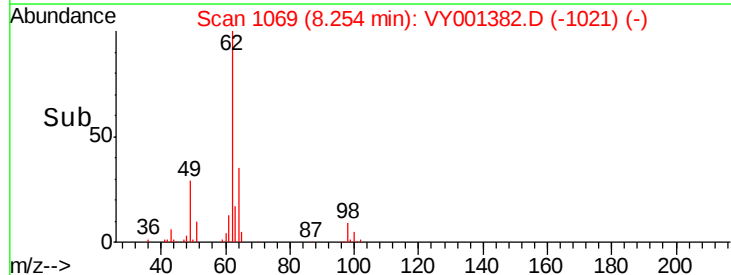
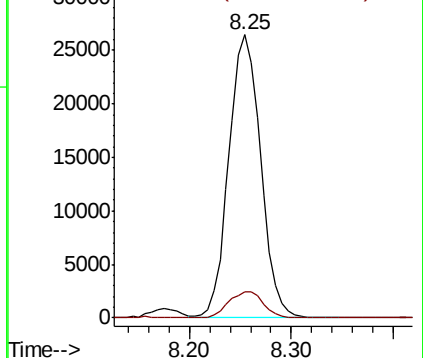


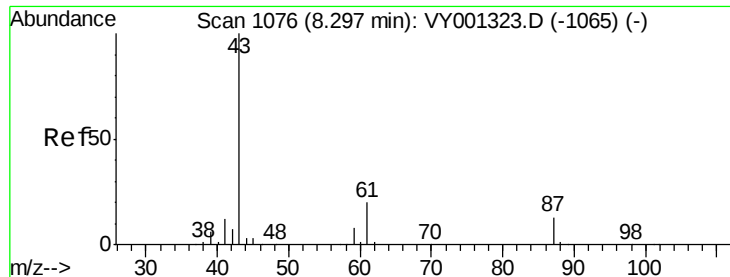
#42  
1,2-Dichloroethane  
Concen: 20.904 ug/l  
RT: 8.25 min Scan# 1069  
Delta R.T. -0.01 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 62 Resp: 57259  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 20.8



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





#43

Isopropyl Acetate

Concen: 21.523 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampled :

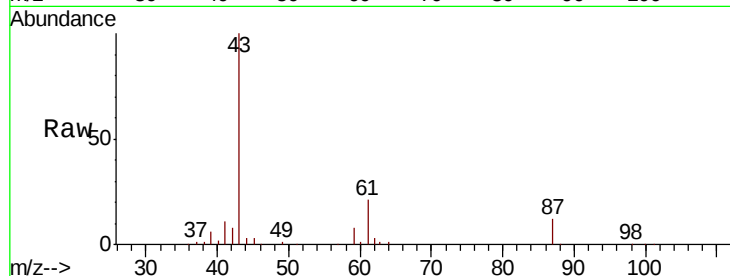
Tot Ion: 43 Resp: 83597

Ion Ratio Lower Upper

43 100

61 28.2 22.7 34.1

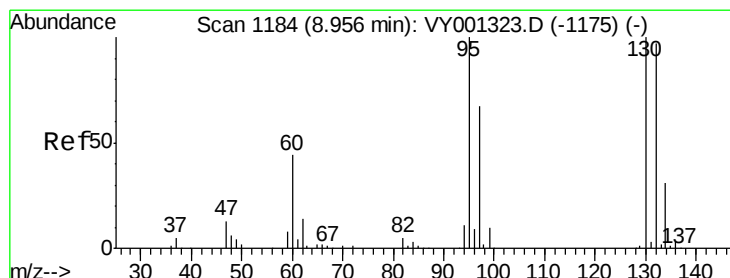
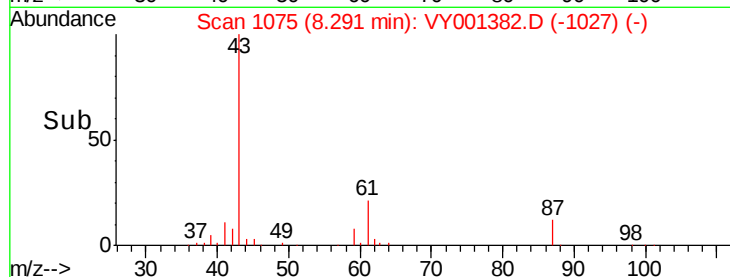
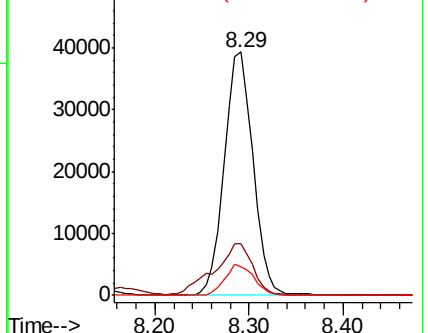
87 12.6 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY001323.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY001323.D (-1065) (-)



#44

Trichloroethene

Concen: 20.892 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY001382.D

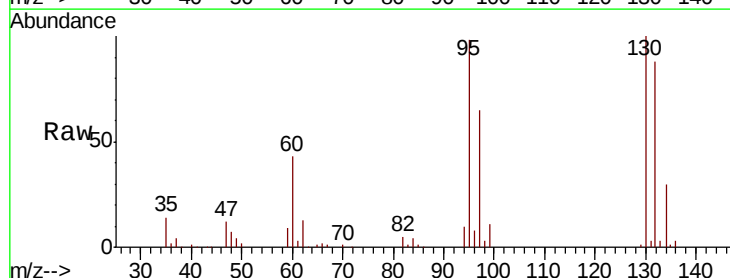
Acq: 24 Jan 2020 15:11

Tgt Ion:130 Resp: 52555

Ion Ratio Lower Upper

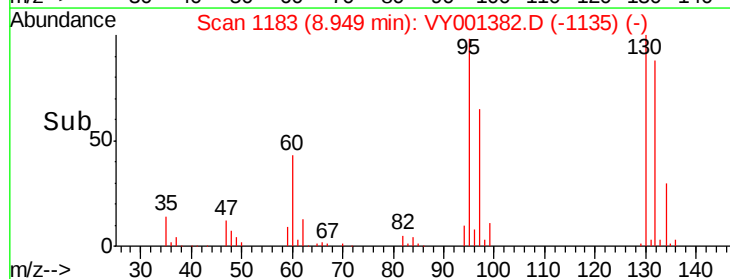
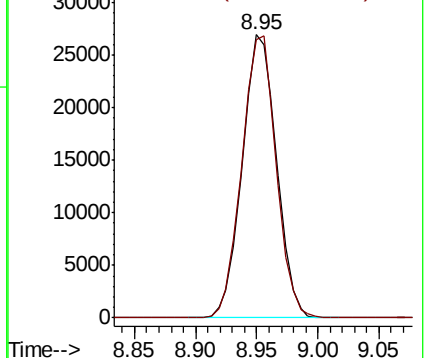
130 100

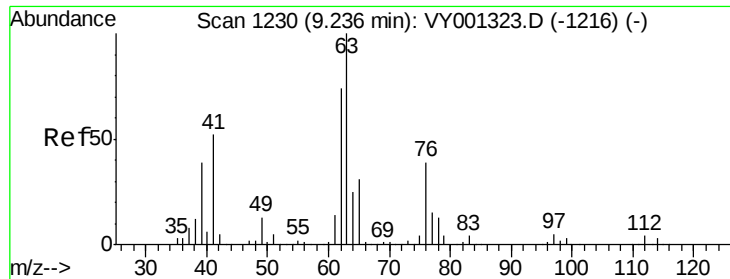
95 98.3 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001323.D (-1175) (-)

Ion 94.90 (94.60 to 95.60): VY001323.D (-1175) (-)





#45

1,2-Dichloropropane

Concen: 21.206 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

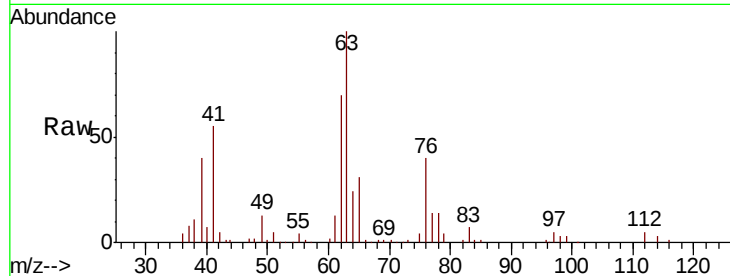
ClientSampleId :

Tot Ion: 63 Resp: 52551

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.23

30000

25000

20000

15000

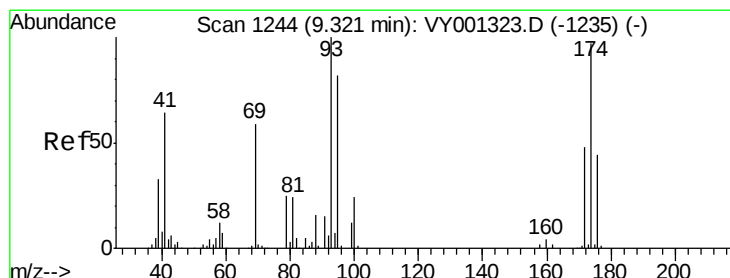
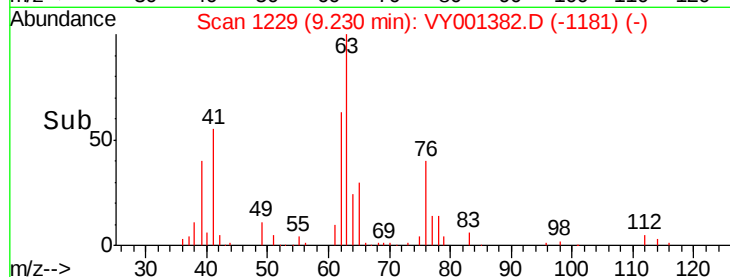
10000

5000

0

Time-->

9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 20.572 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

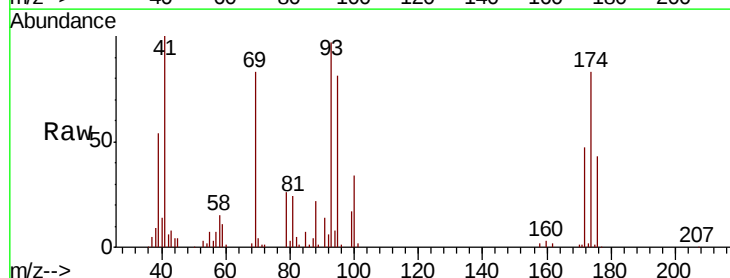
Tgt Ion: 93 Resp: 27369

Ion Ratio Lower Upper

93 100

95 84.3 66.5 99.7

174 93.3 77.9 116.9



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

15000

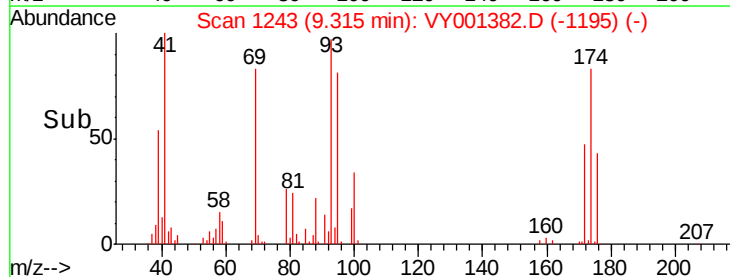
10000

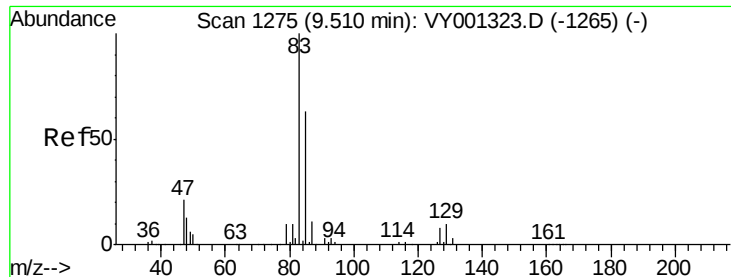
5000

0

Time-->

9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 20.785 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampleId :

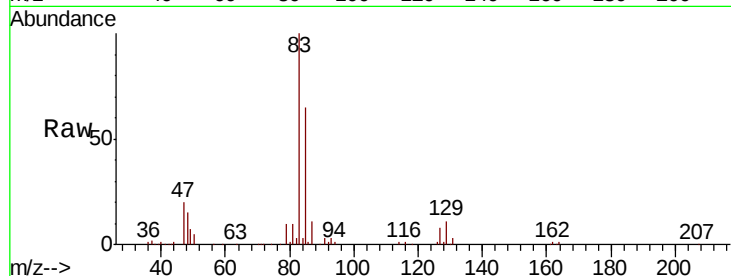
Tot Ion: 83 Resp: 66103

Ion Ratio Lower Upper

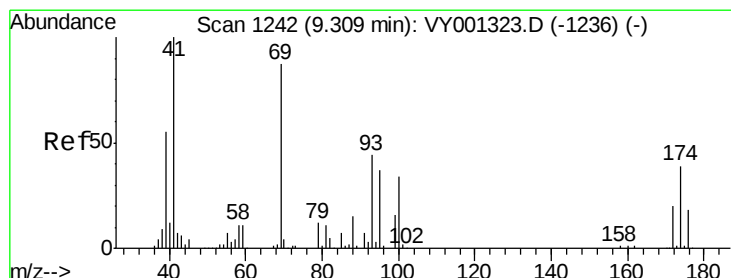
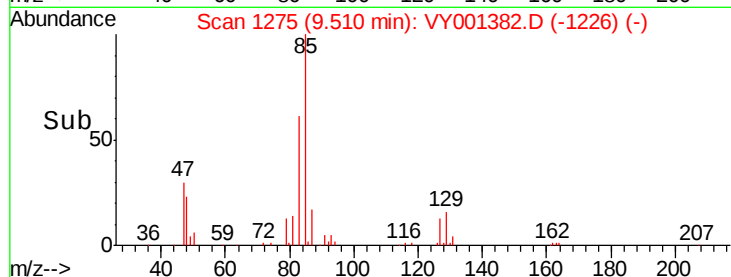
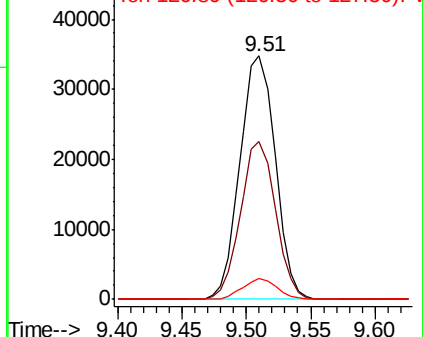
83 100

85 64.7 50.2 75.2

127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 21.199 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

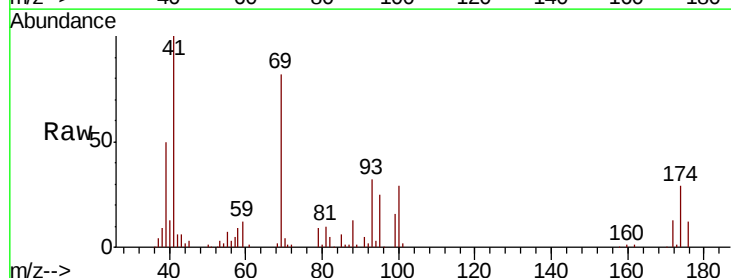
Tgt Ion: 41 Resp: 37432

Ion Ratio Lower Upper

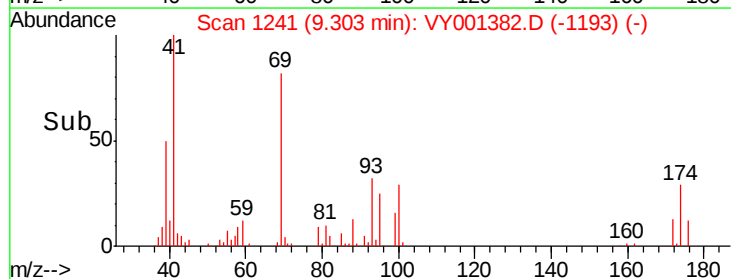
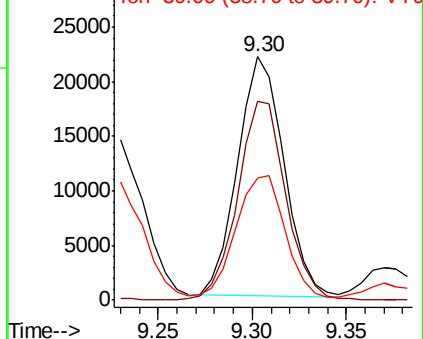
41 100

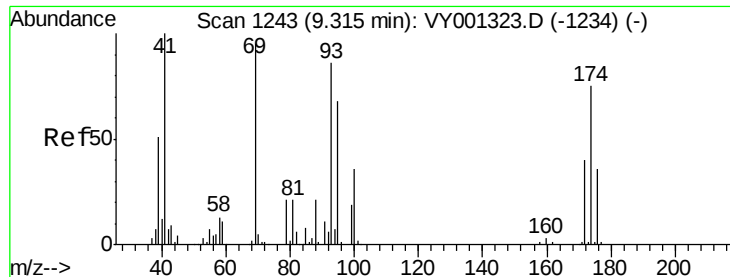
69 86.2 70.2 105.4

39 53.3 45.7 68.5



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

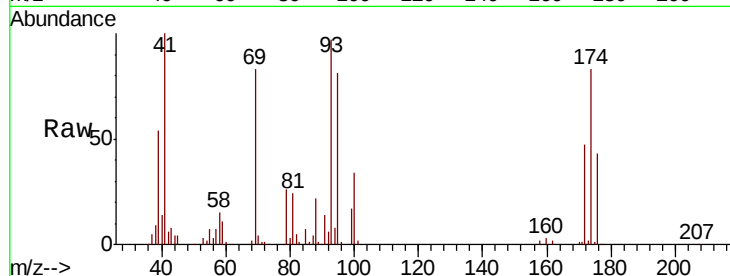




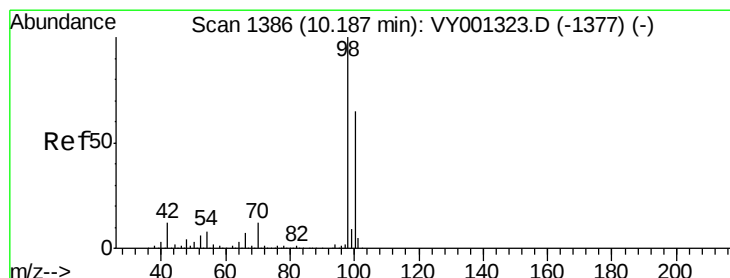
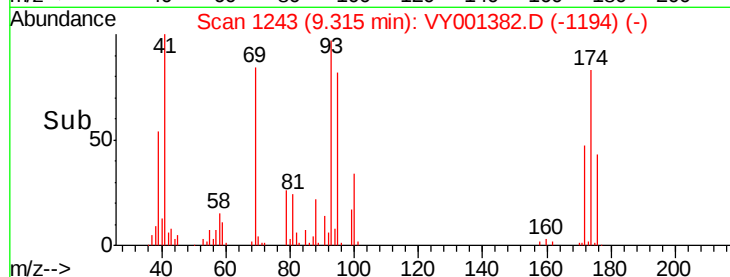
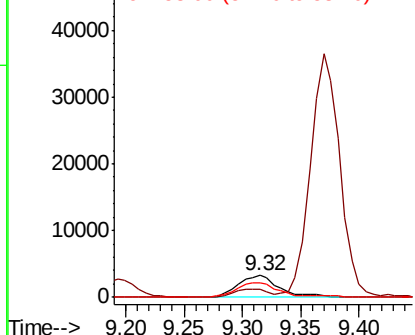
#49  
1,4-Dioxane  
Concen: 428.698 ug/l  
RT: 9.32 min Scan# 1243  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 88 Resp: 8043  
Ion Ratio Lower Upper  
88 100  
43 31.6 28.2 42.2  
58 67.2 55.6 83.4

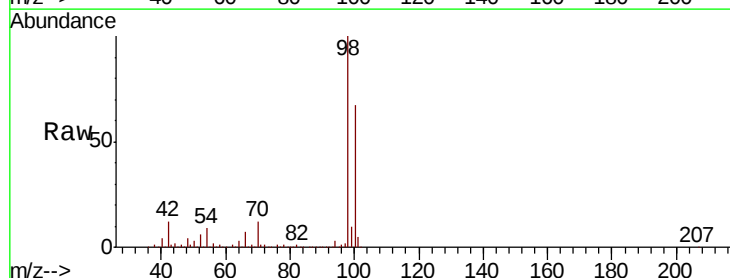


Abundance Ion 88.00 (87.70 to 88.70): VY0  
Ion 43.00 (42.70 to 43.70): VY0  
Ion 58.00 (57.70 to 58.70): VY0

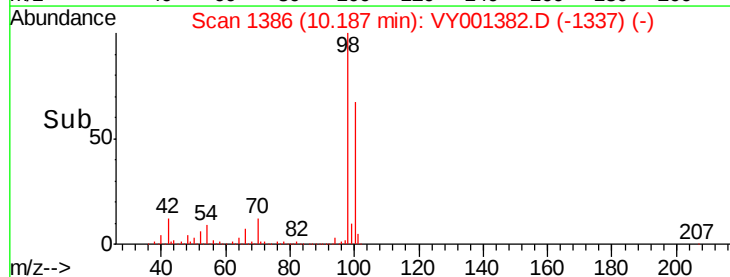
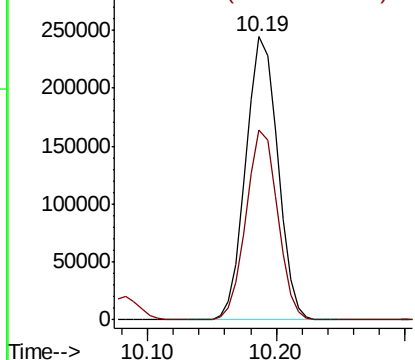


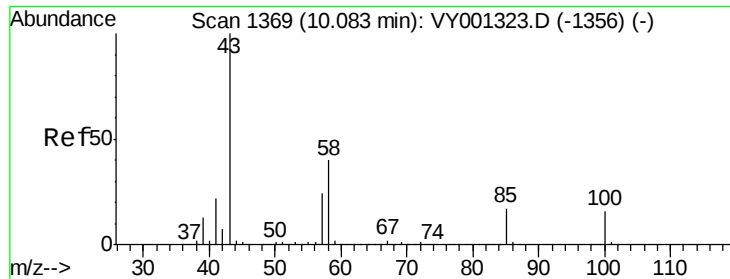
#50  
Toluene-d8  
Concen: 53.118 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 98 Resp: 419165  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.6 79.0



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: 107.022 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

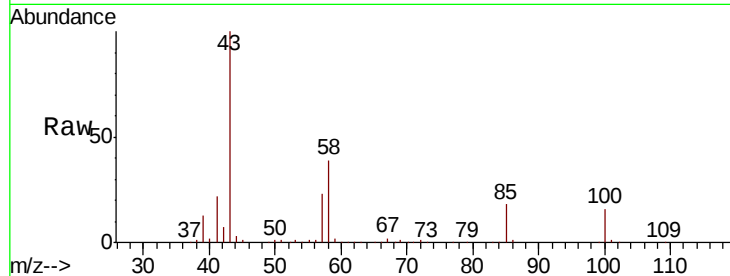
ClientSampleId :

Tot Ion: 43 Resp: 214075

Ion Ratio Lower Upper

43 100

58 39.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-1356) (-)

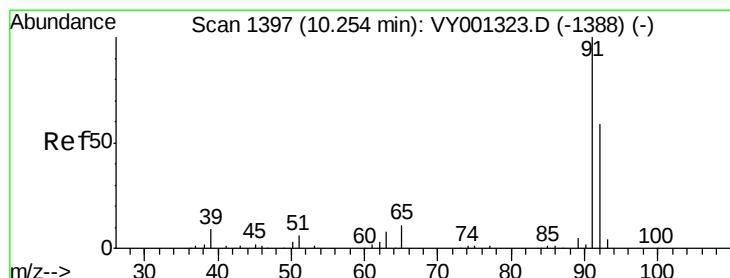
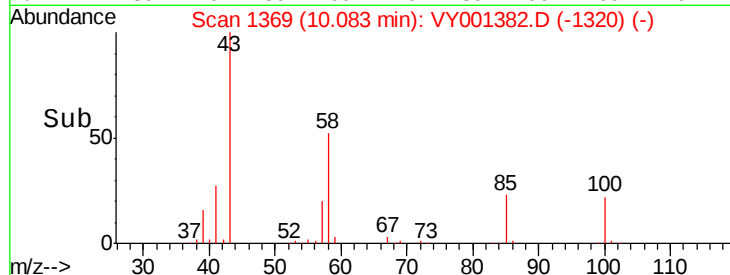
10.08

100000

50000

0

Time-->



#52

Toluene

Concen: 21.074 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001382.D

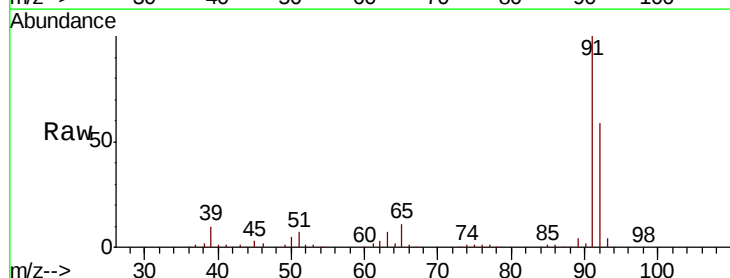
Acq: 24 Jan 2020 15:11

Tgt Ion: 92 Resp: 130957

Ion Ratio Lower Upper

92 100

91 169.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY001323.D (-1388) (-)

Ion 91.00 (90.70 to 91.70): VY001323.D (-1388) (-)

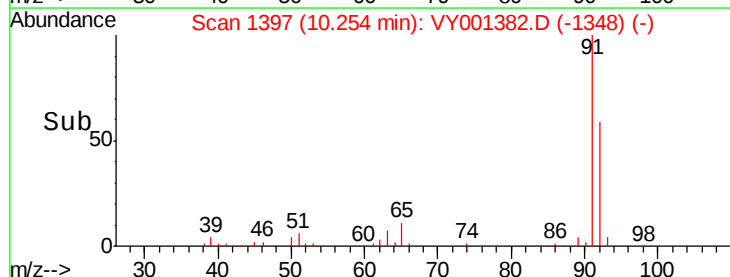
150000

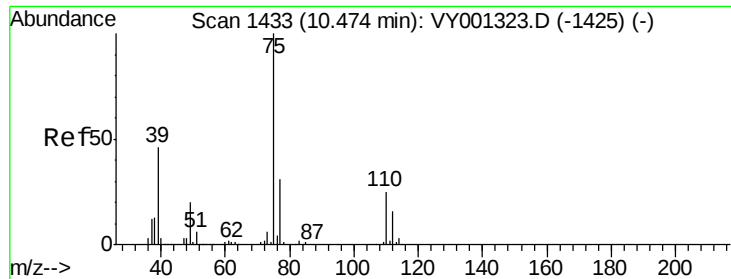
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.254 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

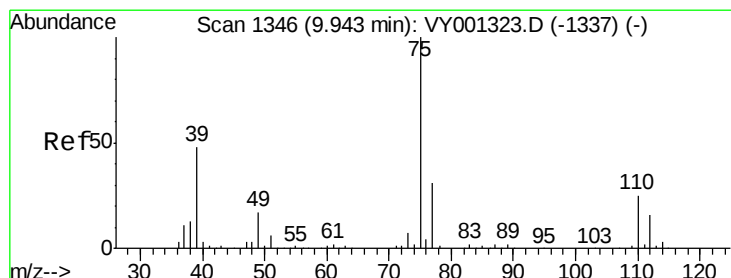
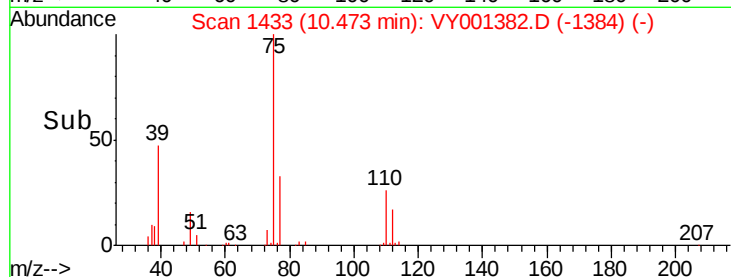
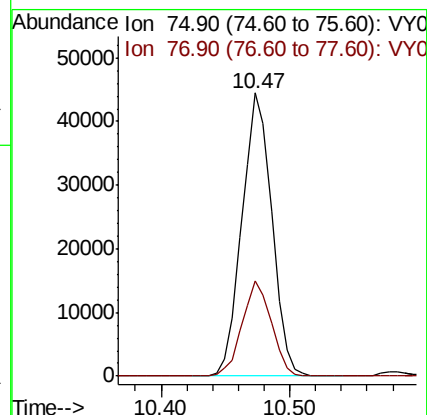
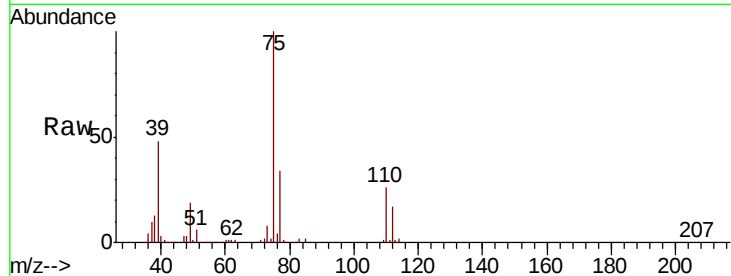
ClientSampleId :

Tot Ion: 75 Resp: 71400

Ion Ratio Lower Upper

75 100

77 33.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.605 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

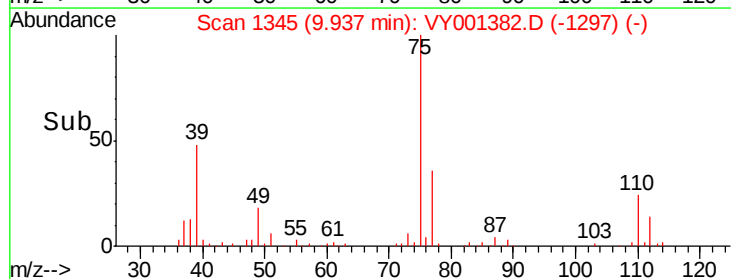
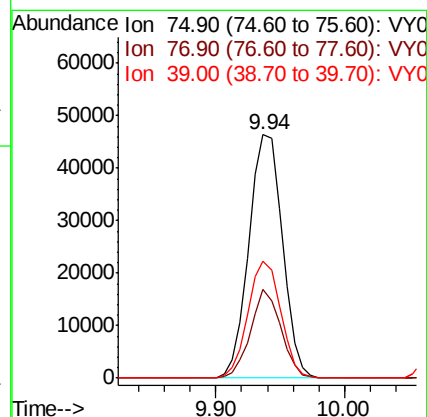
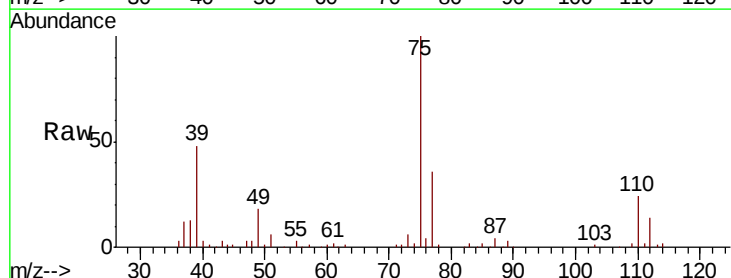
Tgt Ion: 75 Resp: 83370

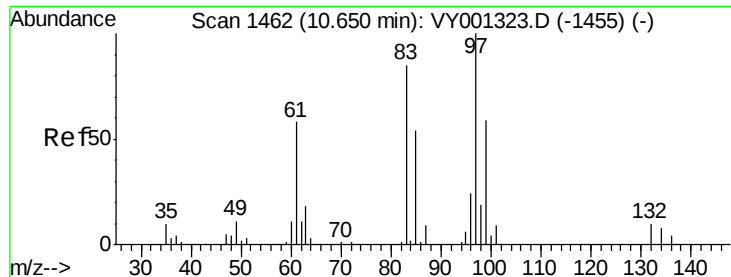
Ion Ratio Lower Upper

75 100

77 36.3 25.0 37.6

39 47.8 38.2 57.4

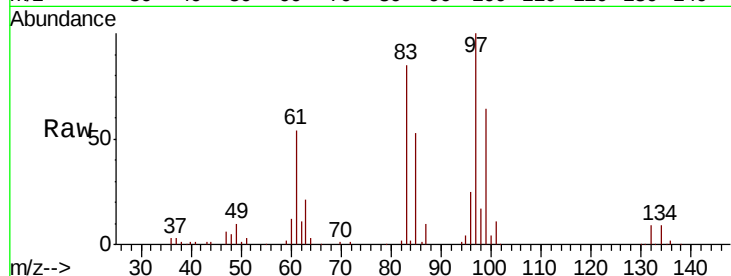




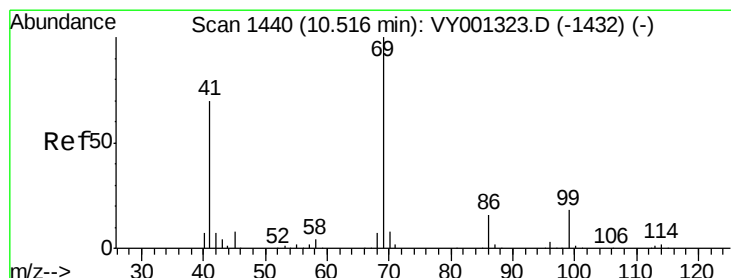
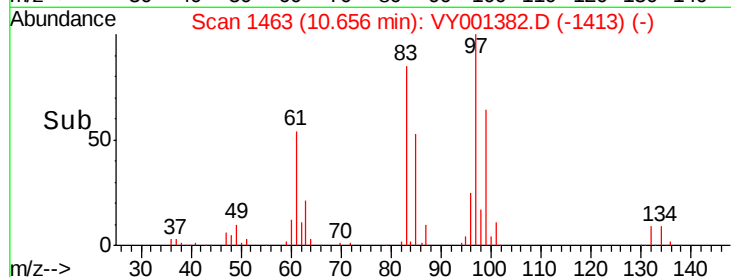
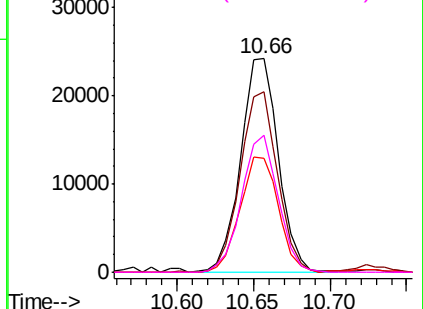
#55  
 1,1,2-Trichloroethane  
 Concen: 21.159 ug/l  
 RT: 10.66 min Scan# 1463  
 Delta R.T. 0.01 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion: 97 Resp: 41550  
 Ion Ratio Lower Upper  
 97 100  
 83 84.7 68.0 102.0  
 85 53.4 43.6 65.4  
 99 64.2 47.1 70.7

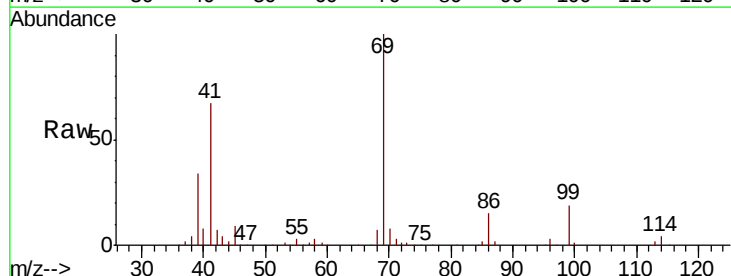


Abundance Ion 96.90 (96.60 to 97.60): VY0  
 Ion 82.90 (82.60 to 83.60): VY0  
 Ion 84.90 (84.60 to 85.60): VY0  
 Ion 98.90 (98.60 to 99.60): VY0

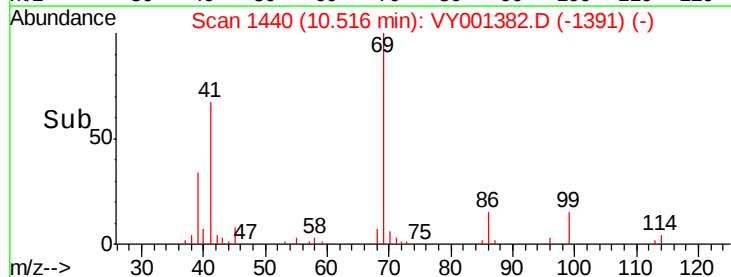
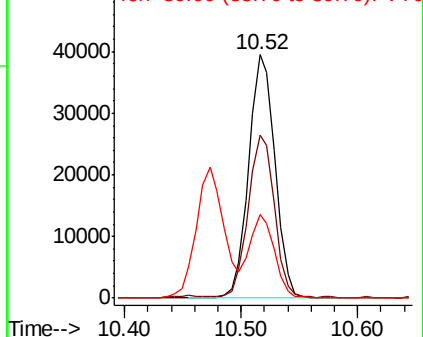


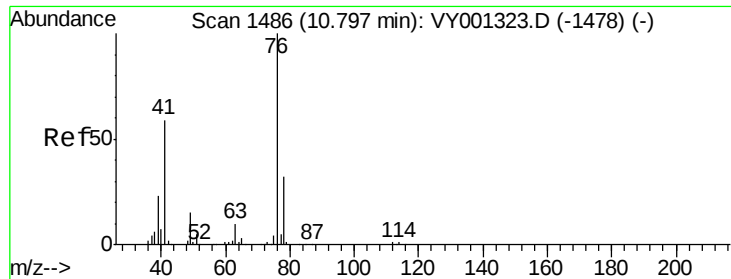
#56  
 Ethyl methacrylate  
 Concen: 21.005 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Tgt Ion: 69 Resp: 62342  
 Ion Ratio Lower Upper  
 69 100  
 41 66.3 54.1 81.1  
 39 32.4 26.8 40.2



Abundance Ion 69.00 (68.70 to 69.70): VY0  
 Ion 41.00 (40.70 to 41.70): VY0  
 Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.811 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

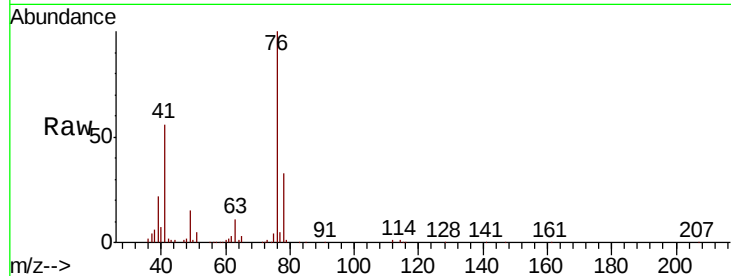
ClientSampleId :

Tot Ion: 76 Resp: 71188

Ion Ratio Lower Upper

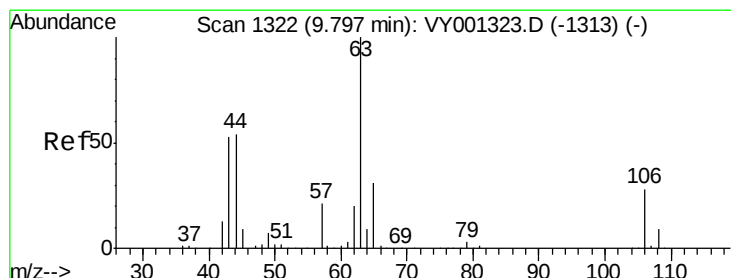
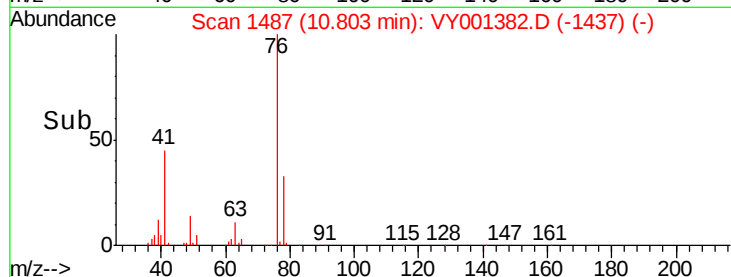
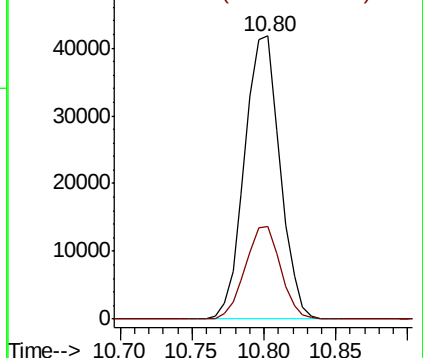
76 100

78 32.7 25.8 38.8



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: 107.463 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY001382.D

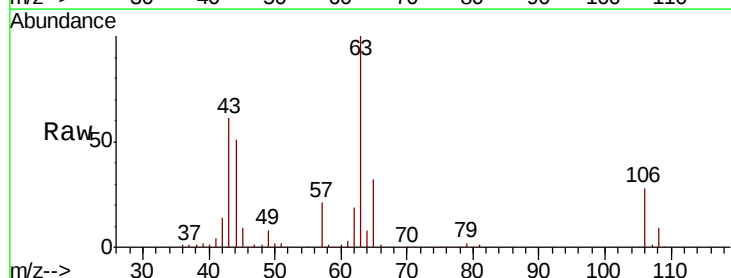
Acq: 24 Jan 2020 15:11

Tgt Ion: 63 Resp: 110365

Ion Ratio Lower Upper

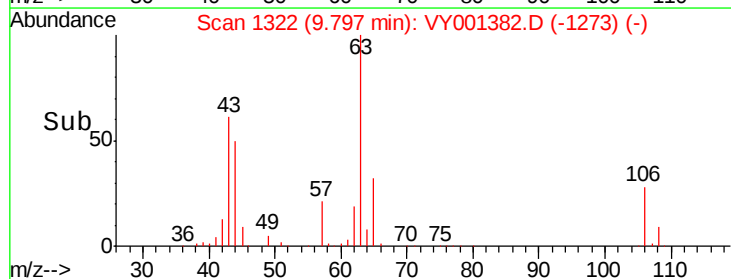
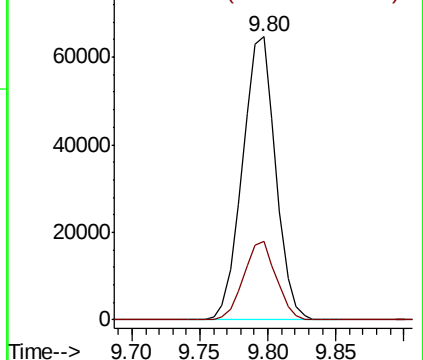
63 100

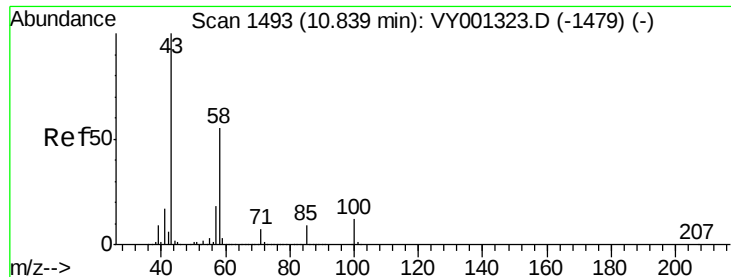
106 27.0 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

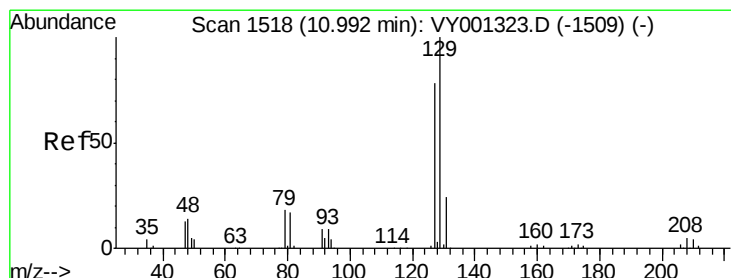
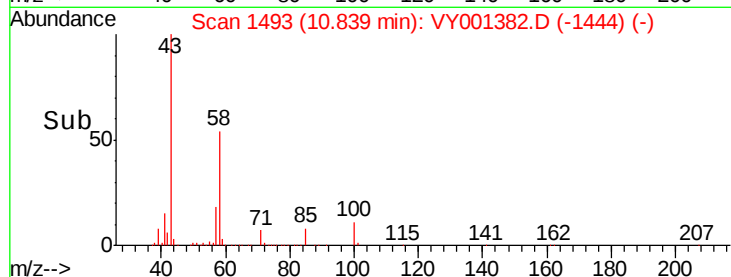
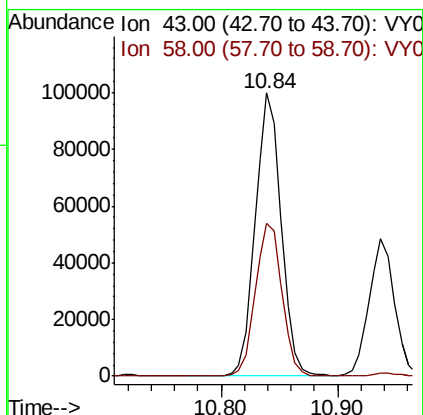
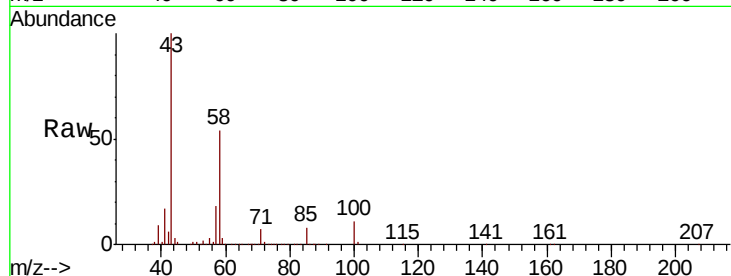




#59  
2-Hexanone  
Concen: 111.331 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

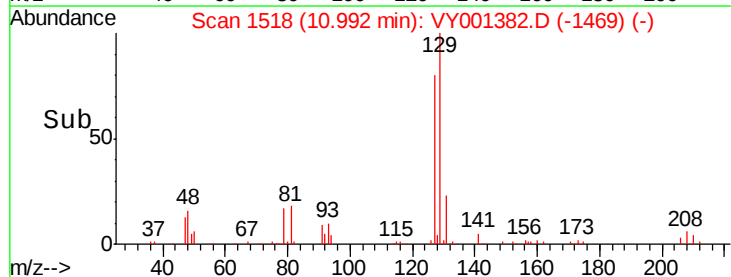
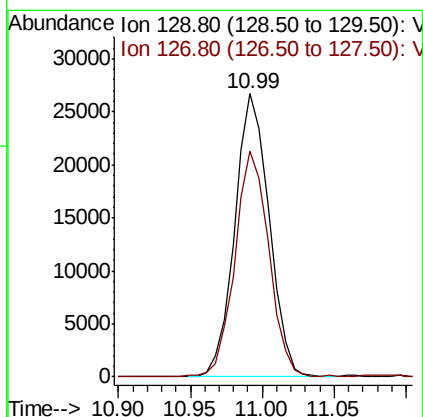
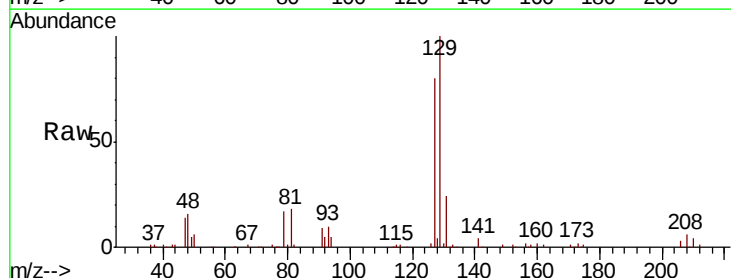
Instrument :  
MSVOA\_Y  
ClientSampled :

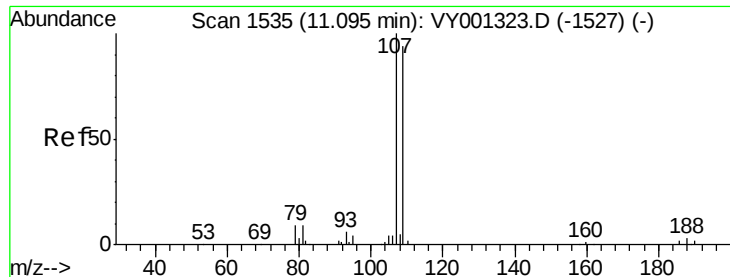
Tot Ion: 43 Resp: 155033  
Ion Ratio Lower Upper  
43 100  
58 55.4 27.6 82.8



#60  
Dibromochloromethane  
Concen: 20.178 ug/l  
RT: 10.99 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 129 Resp: 44317  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.8 116.4

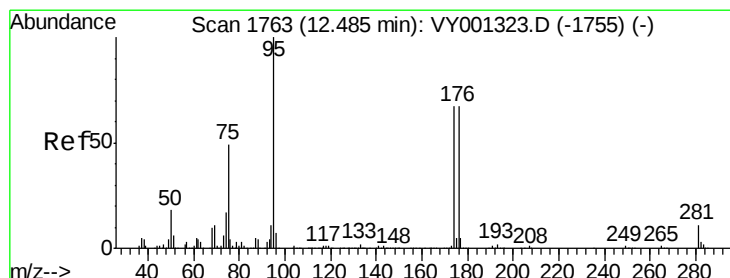
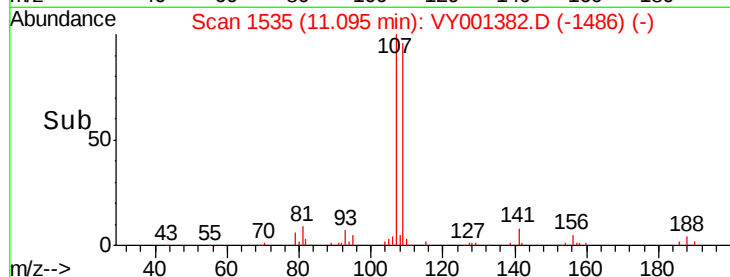
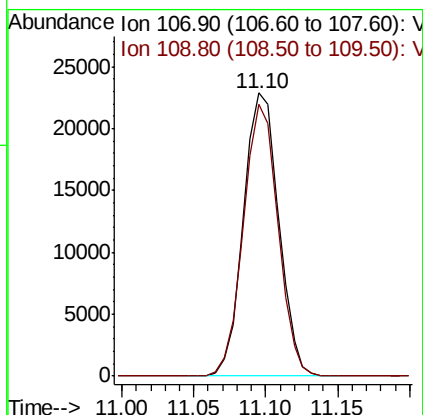
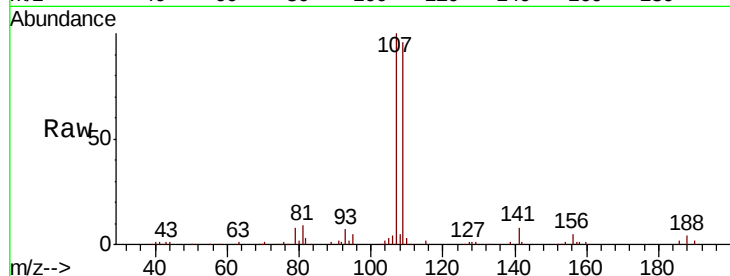




#61  
 1,2-Dibromoethane  
 Concen: 20.856 ug/l  
 RT: 11.10 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

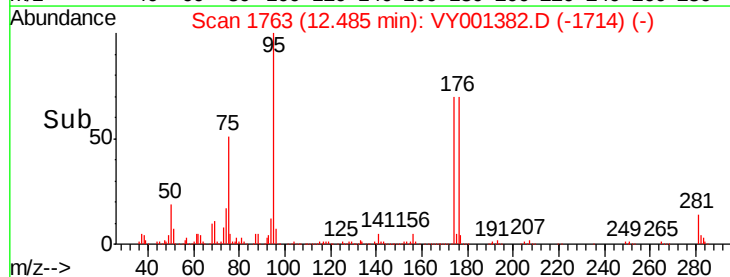
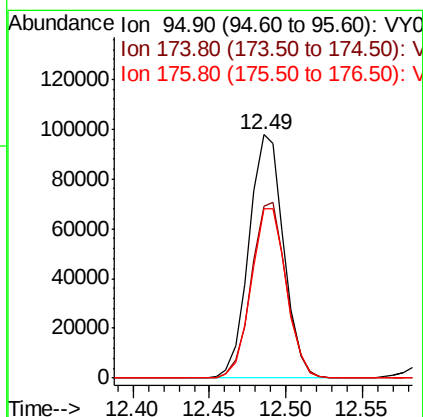
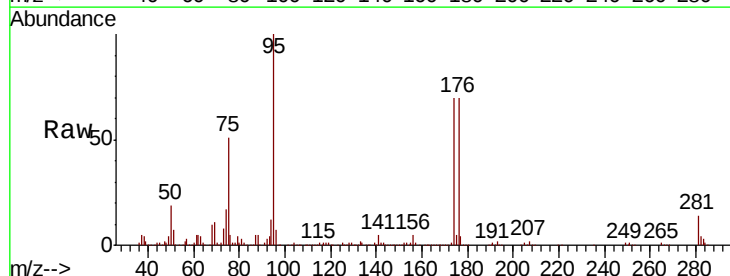
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

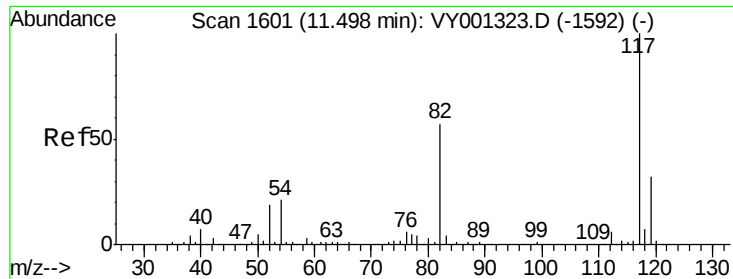
Tot Ion:107 Resp: 38717  
 Ion Ratio Lower Upper  
 107 100  
 109 94.4 75.0 112.6



#62  
 4-Bromofluorobenzene  
 Concen: 48.923 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Tgt Ion: 95 Resp: 153742  
 Ion Ratio Lower Upper  
 95 100  
 174 72.5 0.0 142.0  
 176 70.5 0.0 138.6

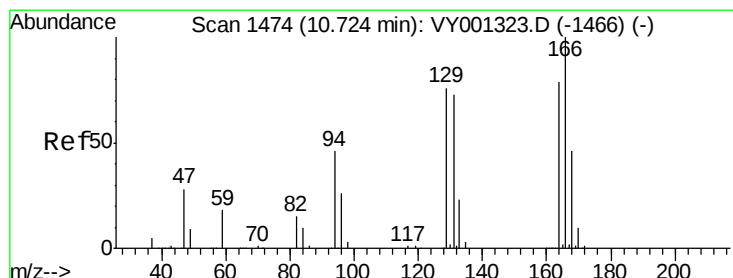
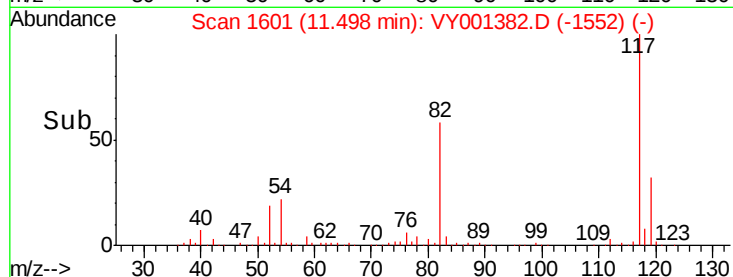
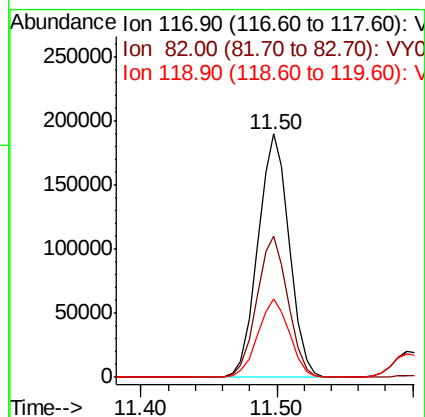
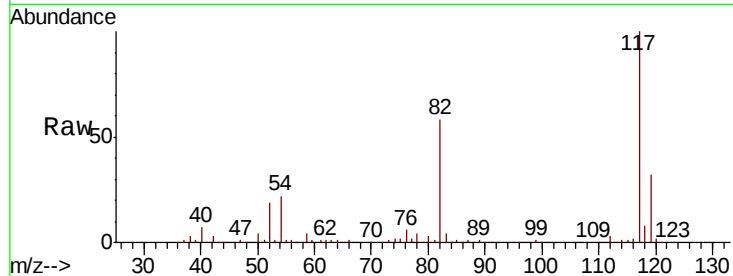




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

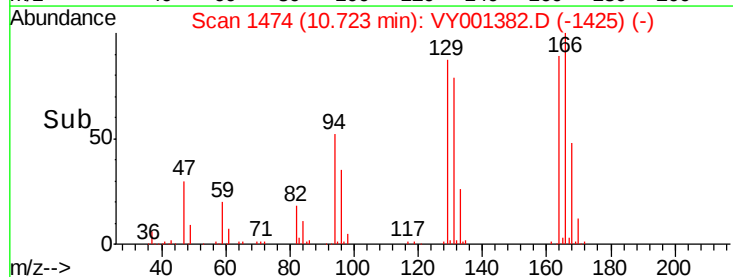
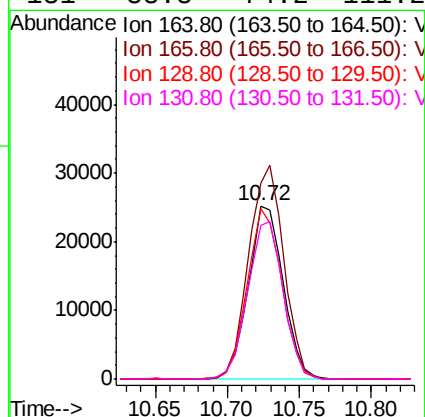
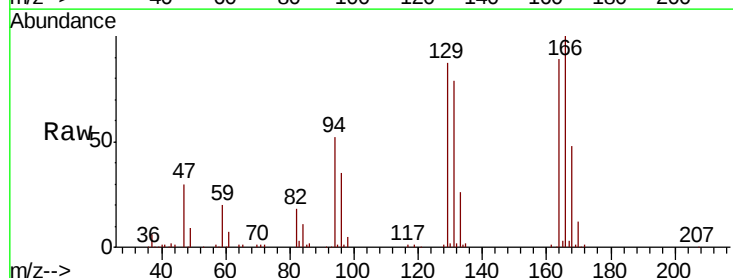
Instrument :  
MSVOA\_Y  
ClientSampleId :

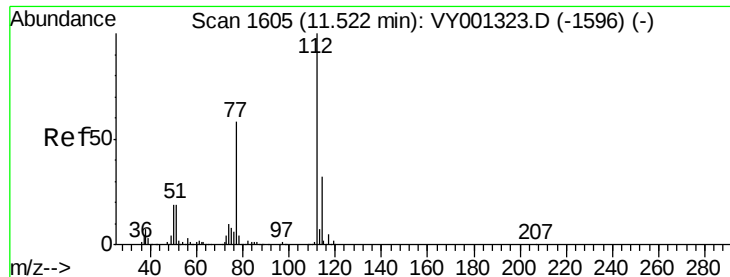
Tot Ion:117 Resp: 305148  
Ion Ratio Lower Upper  
117 100  
82 57.9 45.5 68.3  
119 32.0 25.8 38.6



#64  
Tetrachloroethene  
Concen: 21.508 ug/l  
RT: 10.72 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion:164 Resp: 41923  
Ion Ratio Lower Upper  
164 100  
166 112.8 101.8 152.8  
129 98.0 77.1 115.7  
131 88.8 74.2 111.2

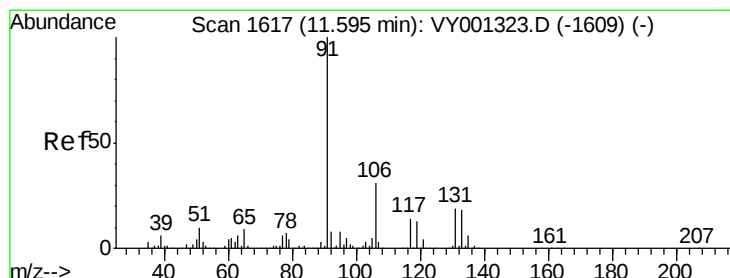
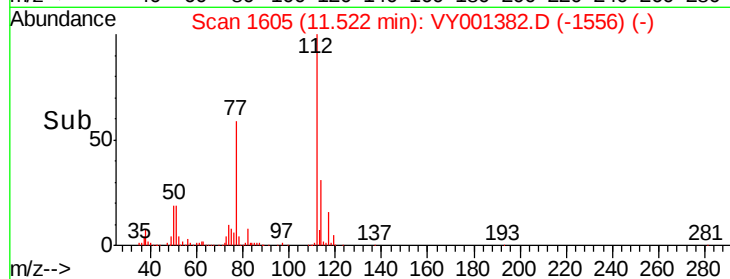
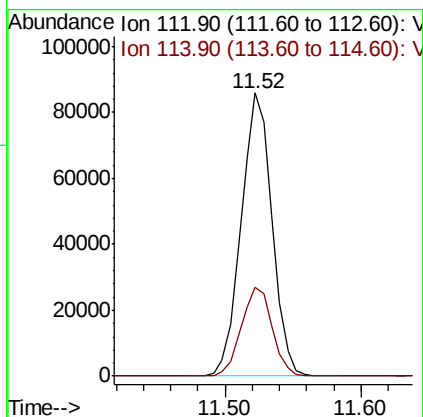
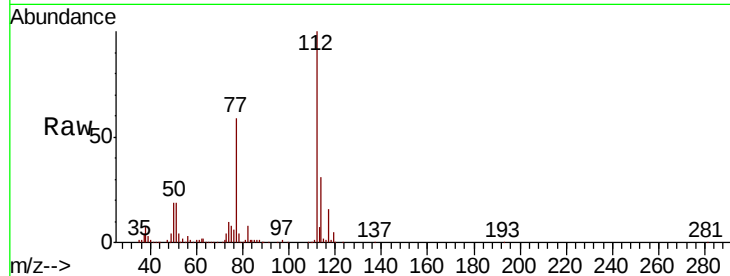




#65  
Chlorobenzene  
Concen: 21.124 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

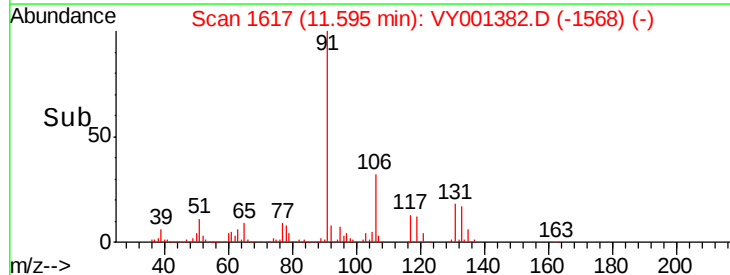
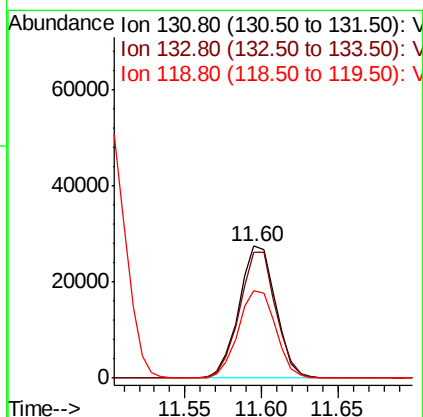
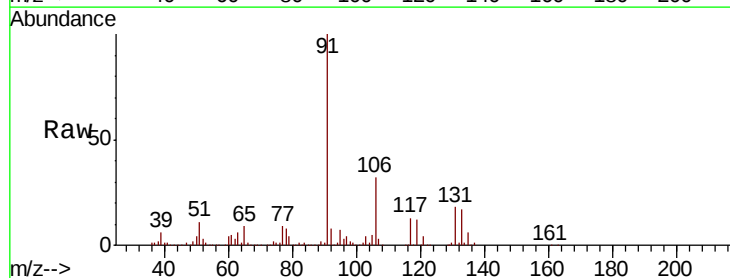
Instrument :  
MSVOA\_Y  
ClientSampleId :

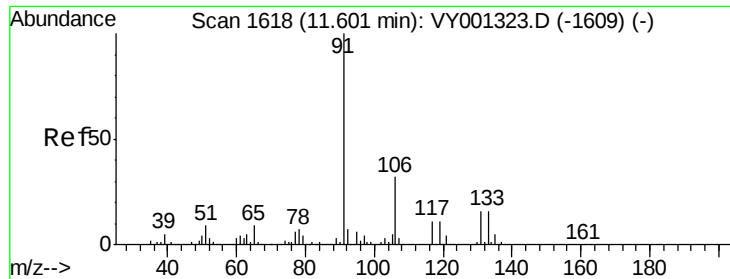
Tot Ion:112 Resp: 135870  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.887 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion:131 Resp: 45848  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.1 141.3  
119 67.7 34.1 102.2

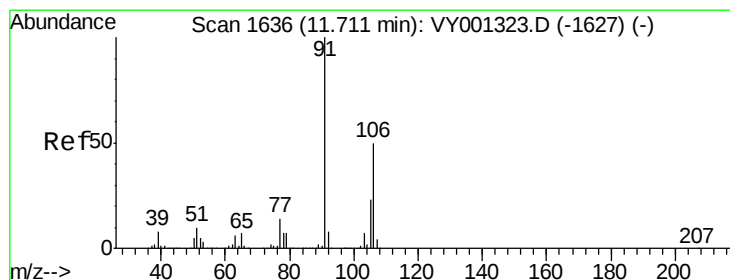
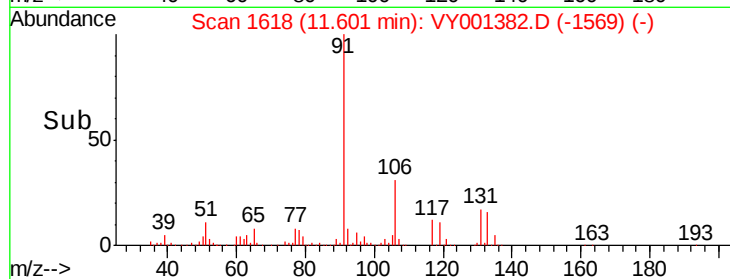
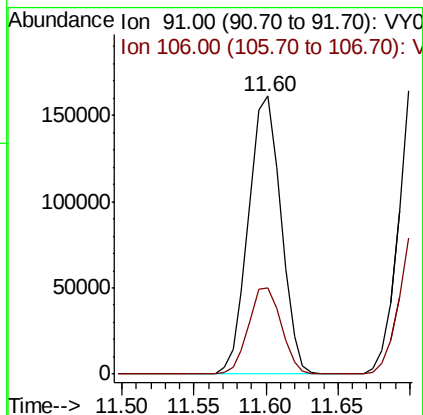
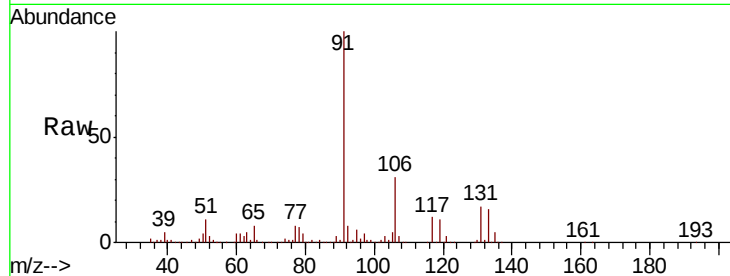




#67  
Ethvl Benzene  
Concen: 21.298 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

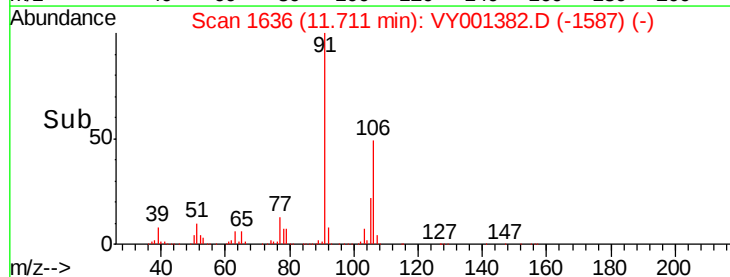
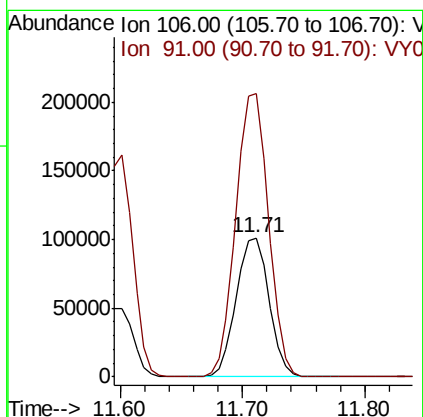
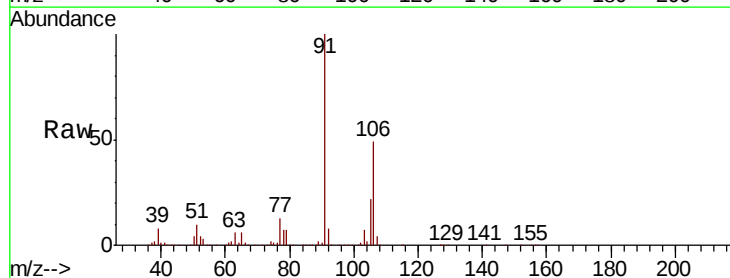
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 91 Resp: 252463  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.4 38.0



#68  
m/p-Xylenes  
Concen: 42.589 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion:106 Resp: 188550  
Ion Ratio Lower Upper  
106 100  
91 202.9 162.8 244.2

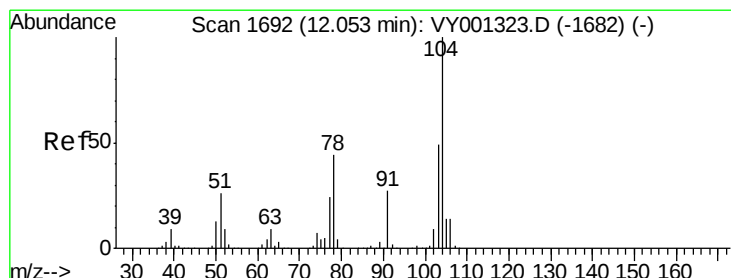
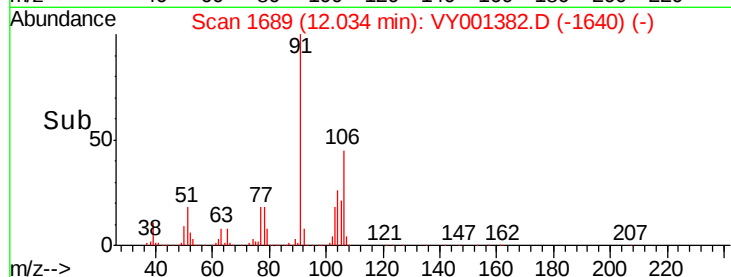
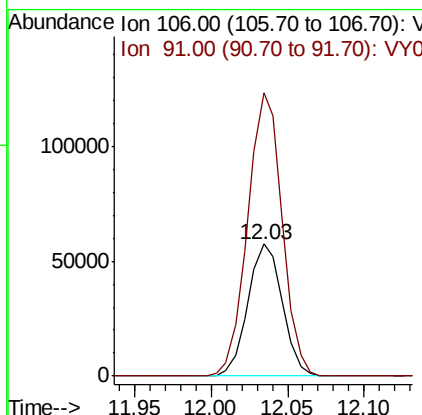
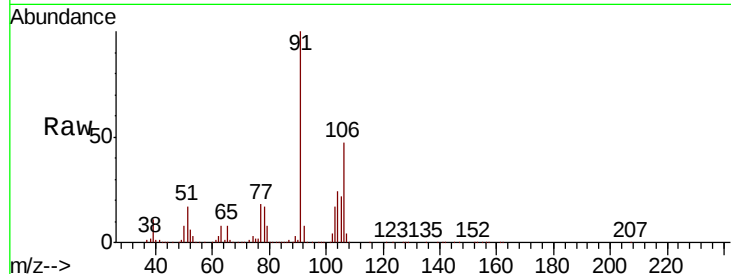




#69  
o-Xylene  
Concen: 21.053 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

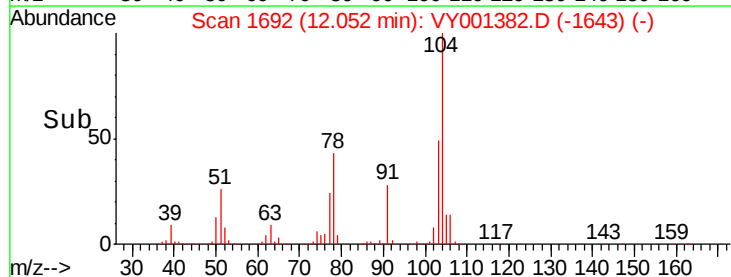
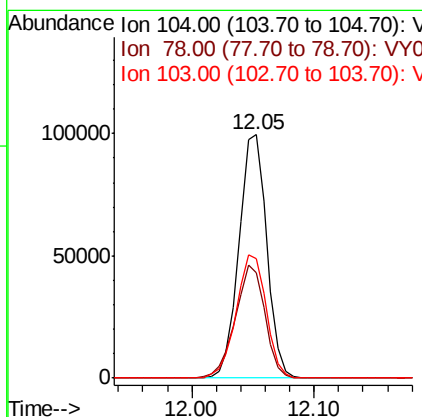
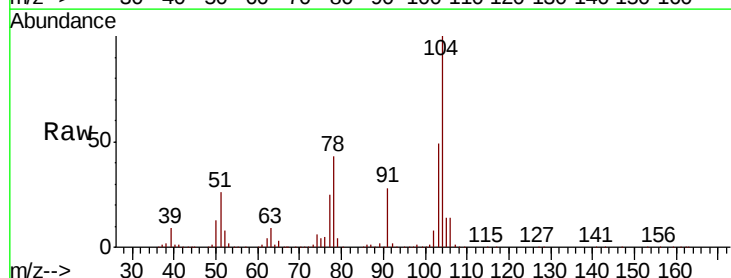
Instrument :  
MSVOA\_Y  
ClientSampleId :

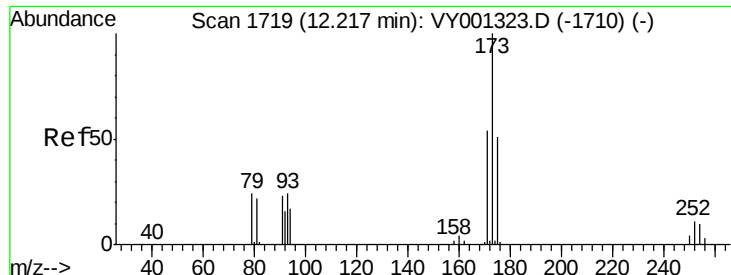
Tot Ion:106 Resp: 89665  
Ion Ratio Lower Upper  
106 100  
91 215.2 106.3 319.0



#70  
Styrene  
Concen: 20.988 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion:104 Resp: 156835  
Ion Ratio Lower Upper  
104 100  
78 49.1 39.8 59.8  
103 54.6 43.2 64.8





#71

Bromoform

Concen: 20.623 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampled :

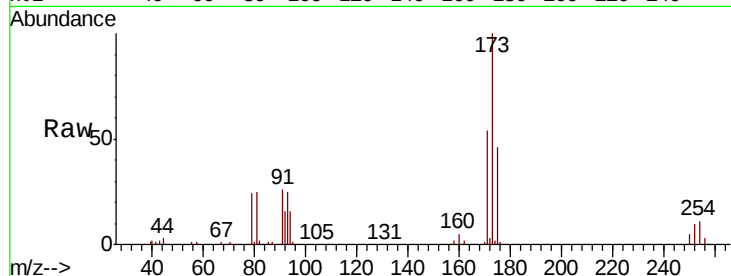
Tot Ion:173 Resp: 27022

Ion Ratio Lower Upper

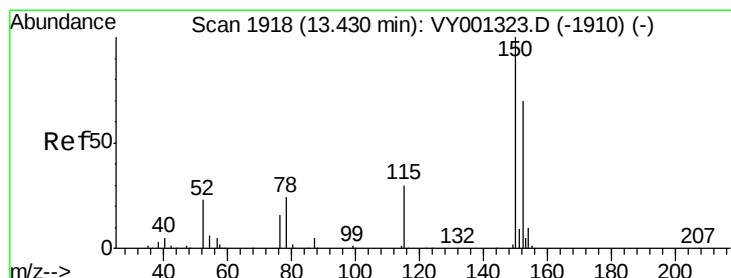
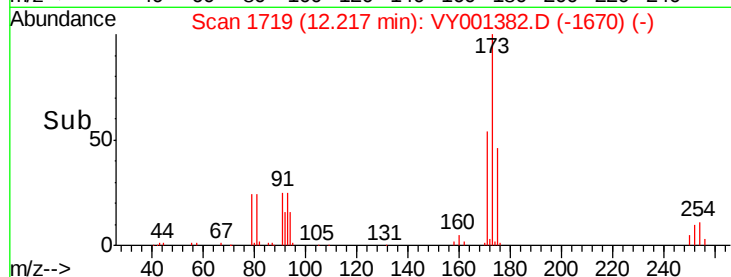
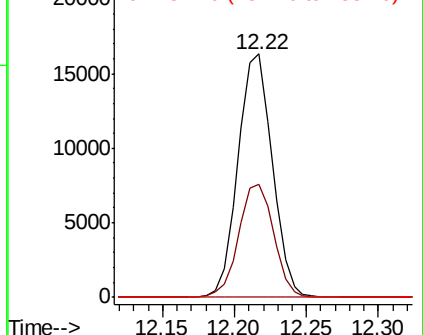
173 100

175 47.1 24.3 72.9

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

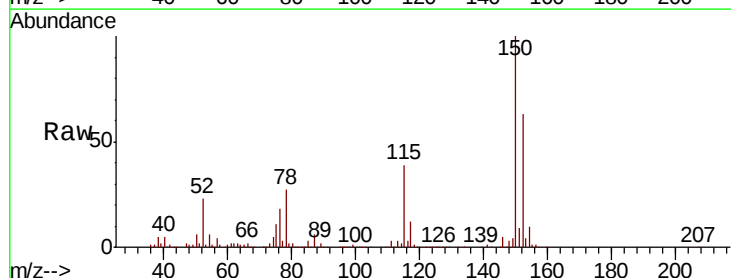
Tgt Ion:152 Resp: 146811

Ion Ratio Lower Upper

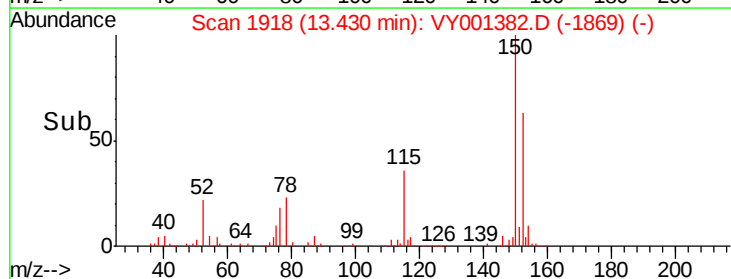
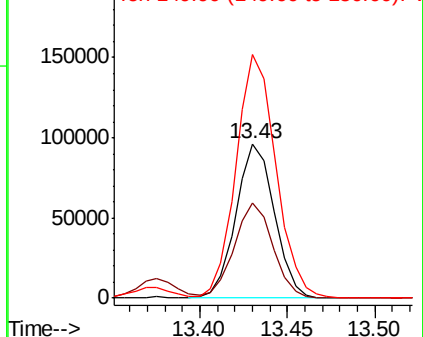
152 100

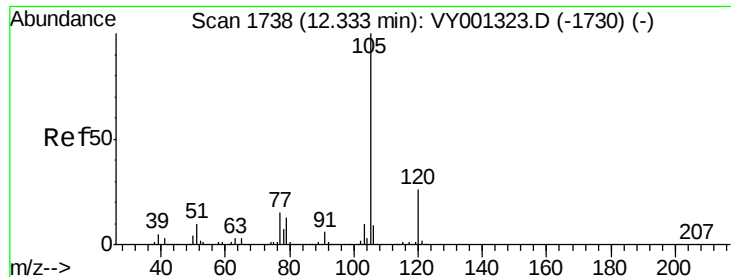
115 61.8 30.9 92.8

150 164.6 0.0 349.2



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

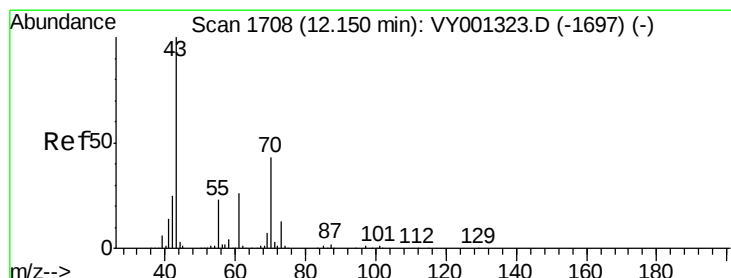
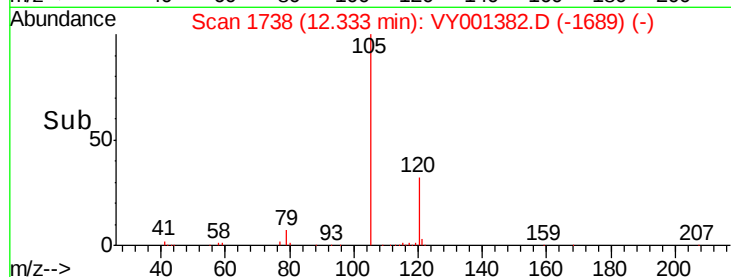
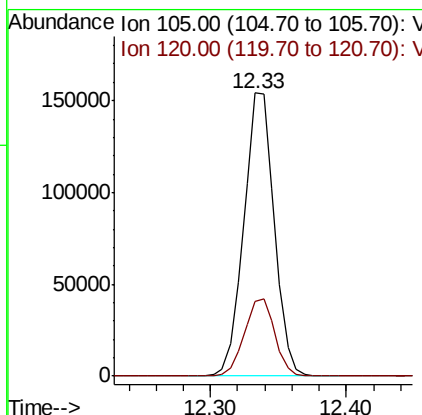
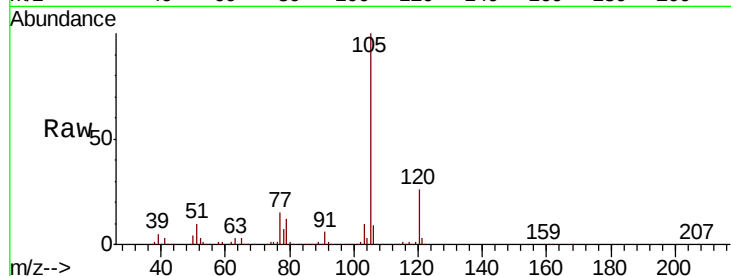




#73  
Isopropylbenzene  
Concen: 20.775 ug/l  
RT: 12.33 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

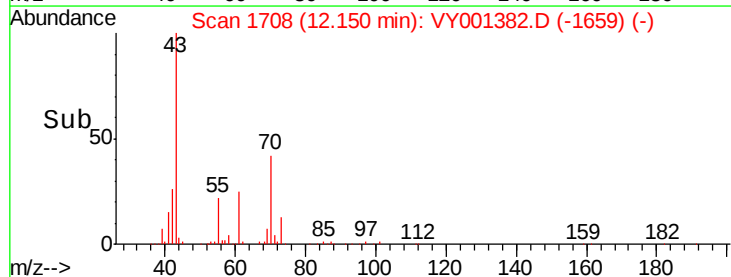
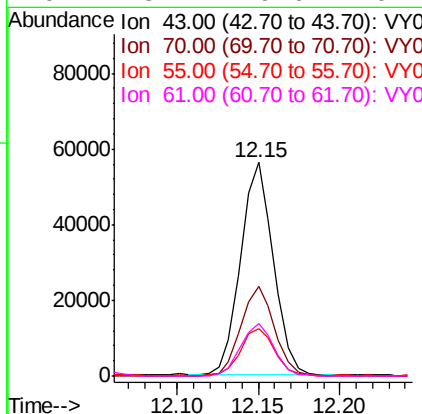
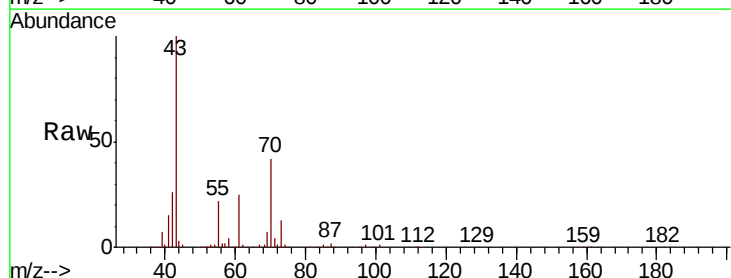
Instrument :  
MSVOA\_Y  
ClientSampleId :

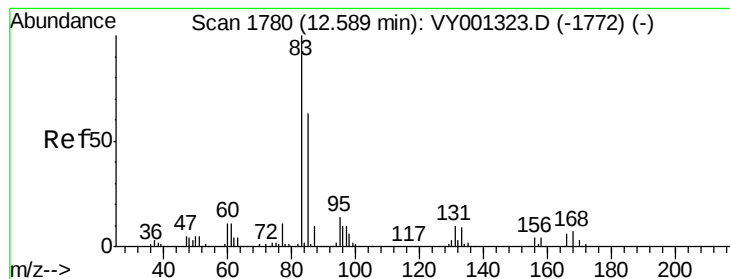
Tot Ion:105 Resp: 240670  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.5 40.4



#74  
N-ethyl acetate  
Concen: 20.788 ug/l  
RT: 12.15 min Scan# 1708  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion: 43 Resp: 78828  
Ion Ratio Lower Upper  
43 100  
70 43.0 33.5 50.3  
55 22.4 18.2 27.2  
61 25.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.899 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampleId :

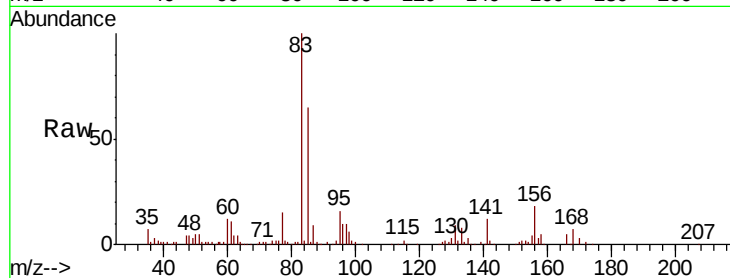
Tot Ion: 83 Resp: 51851

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

85 63.4 31.4 94.3

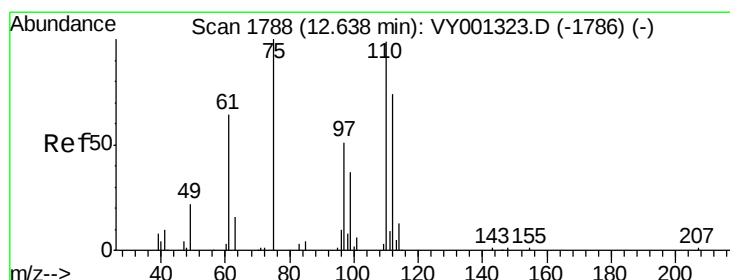
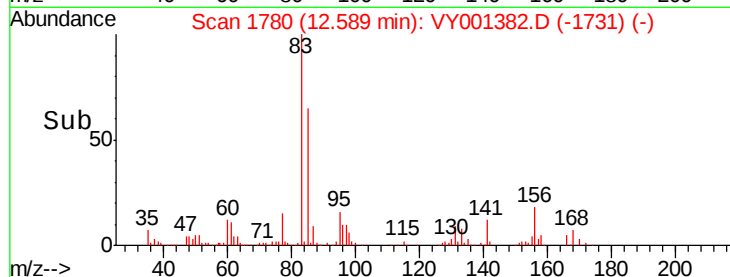


Abundance Ion 82.90 (82.60 to 83.60): VY001382.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY001382.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY001382.D (-1731) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 38.761 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY001382.D

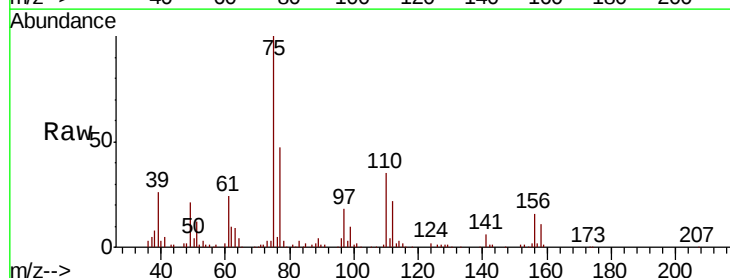
Acq: 24 Jan 2020 15:11

Tgt Ion: 75 Resp: 68572

Ion Ratio Lower Upper

75 100

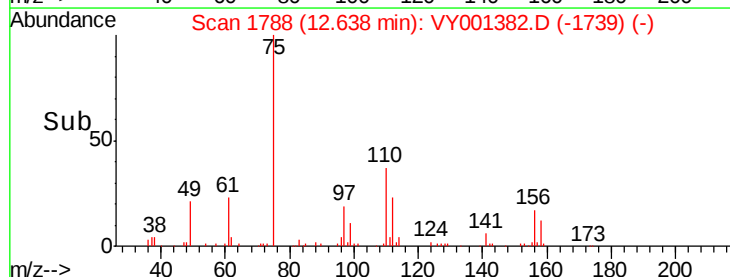
77 0.0 0.0 0.0

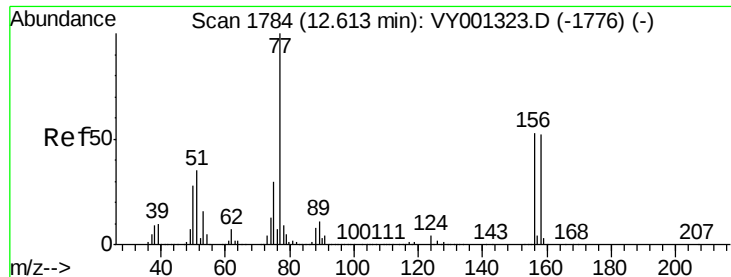


Abundance Ion 74.90 (74.60 to 75.60): VY001382.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY001382.D (-1739) (-)

Time-->





#77

Bromobenzene

Concen: 25.033 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampleId :

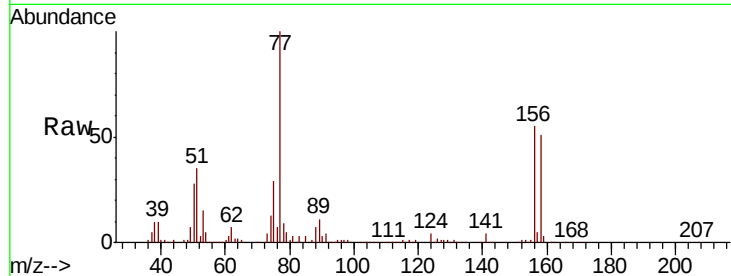
Tot Ion:156 Resp: 64233

Ion Ratio Lower Upper

156 100

77 170.8 104.7 313.9

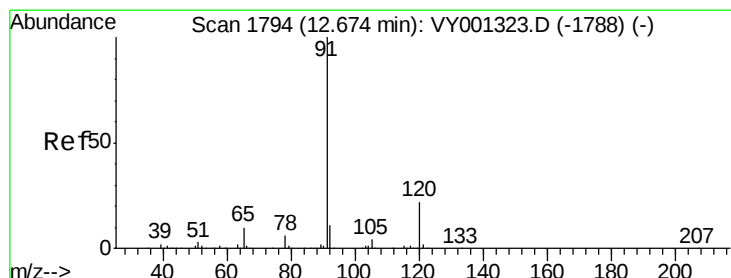
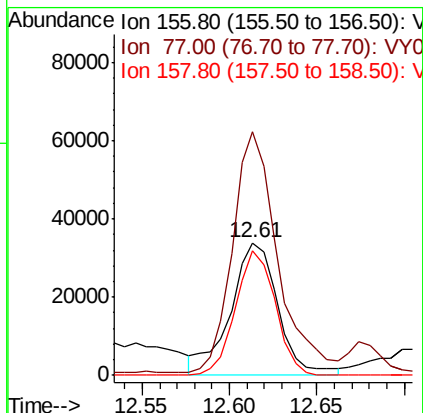
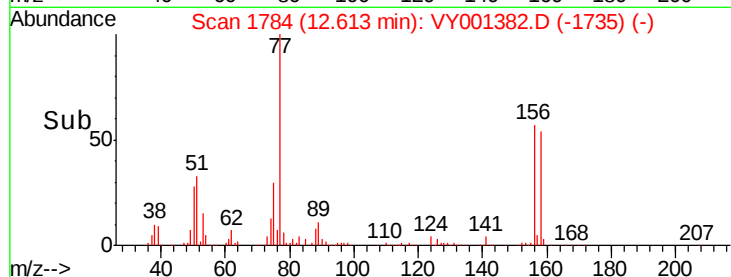
158 78.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.251 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001382.D

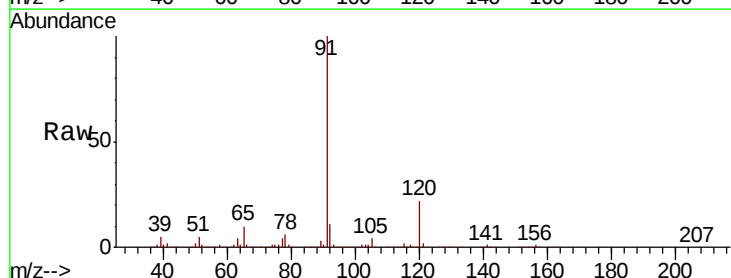
Acq: 24 Jan 2020 15:11

Tgt Ion: 91 Resp: 296313

Ion Ratio Lower Upper

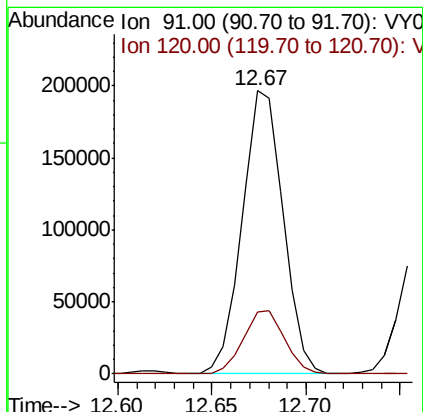
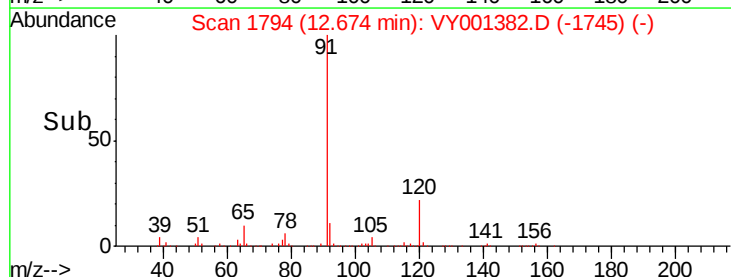
91 100

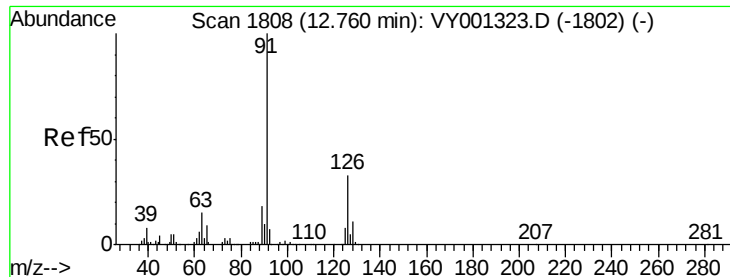
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

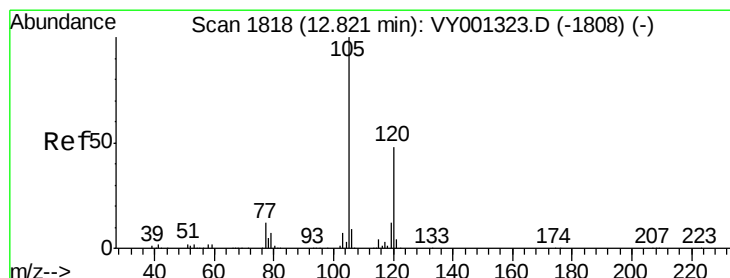
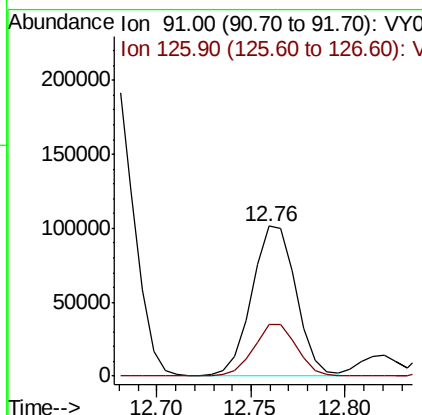
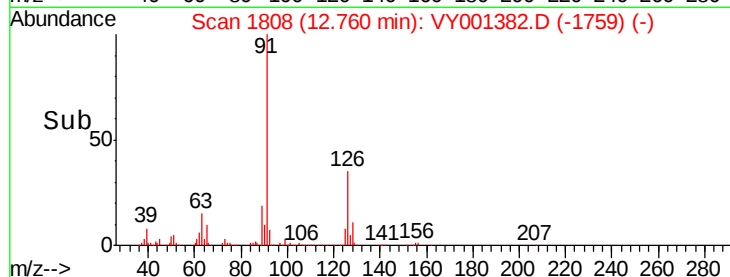
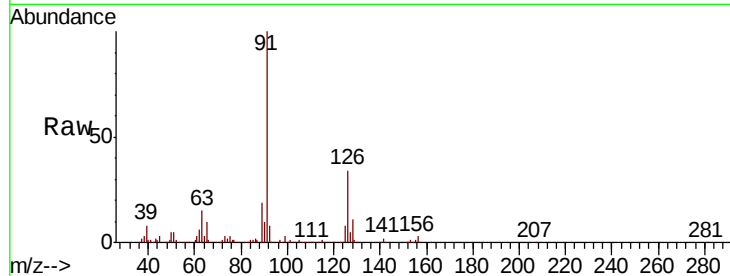




#79  
 2-Chlorotoluene  
 Concen: 20.648 ug/l  
 RT: 12.76 min Scan# 1808  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

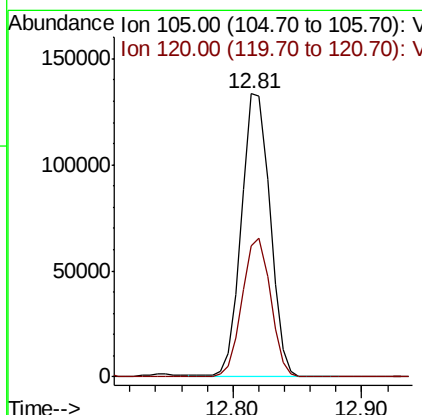
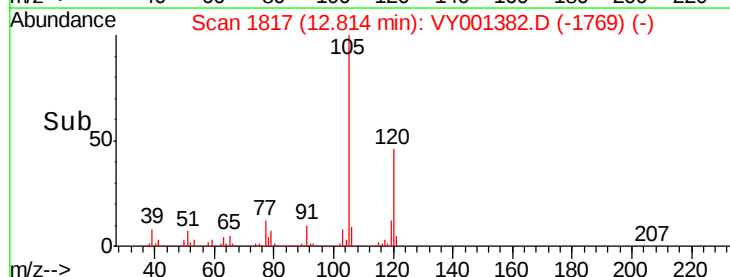
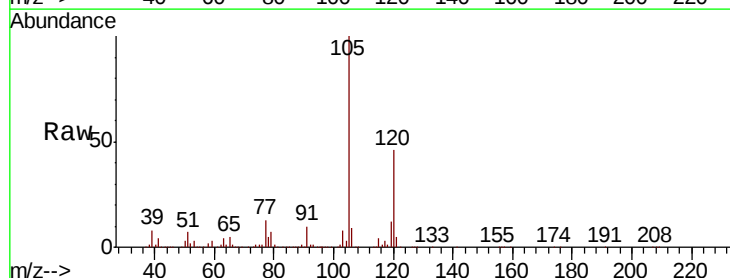
Instrument :  
 MSVOA\_Y  
 ClientSampled :

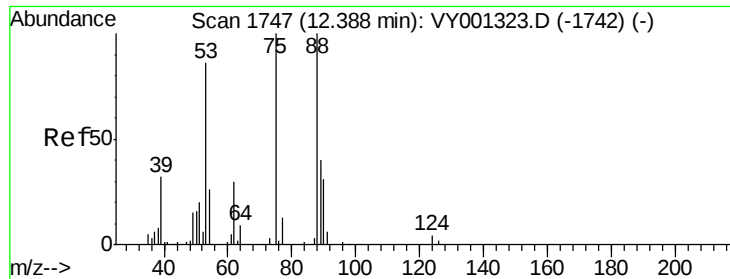
Tot Ion: 91 Resp: 164479  
 Ion Ratio Lower Upper  
 91 100  
 126 34.3 16.6 49.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.295 ug/l  
 RT: 12.81 min Scan# 1817  
 Delta R.T. -0.01 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Tgt Ion:105 Resp: 205918  
 Ion Ratio Lower Upper  
 105 100  
 120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.169 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampleId :

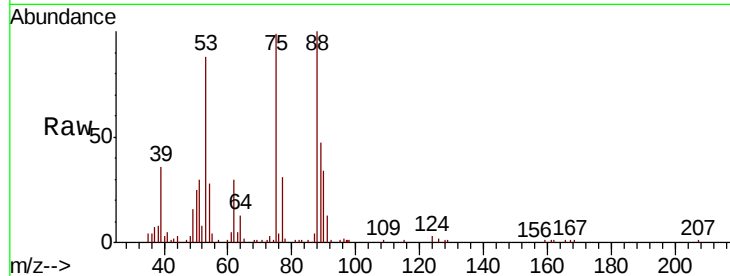
Tot Ion: 75 Resp: 18855

Ion Ratio Lower Upper

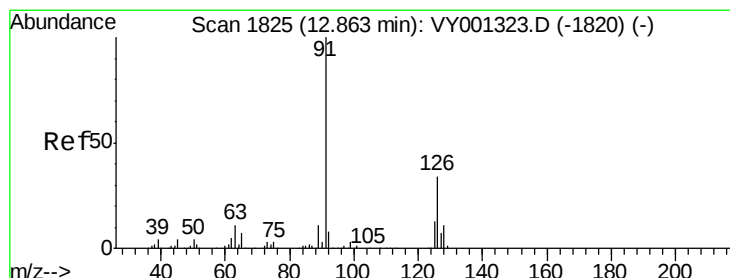
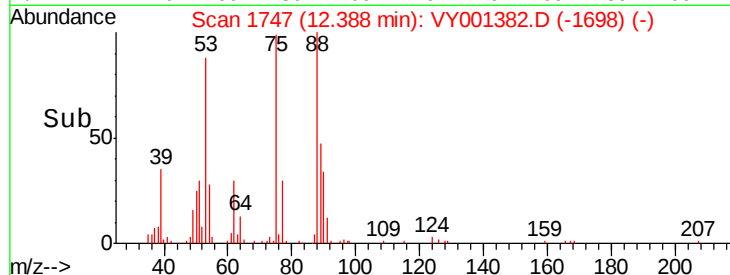
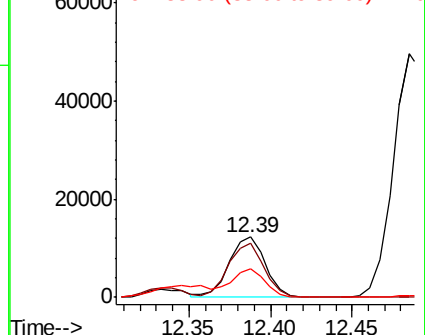
75 100

53 90.1 69.9 104.9

89 45.0 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 53.00 (52.70 to 53.70): VY0  
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.486 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001382.D

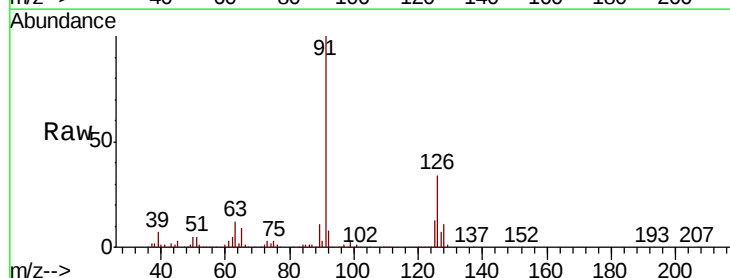
Acq: 24 Jan 2020 15:11

Tgt Ion: 91 Resp: 174309

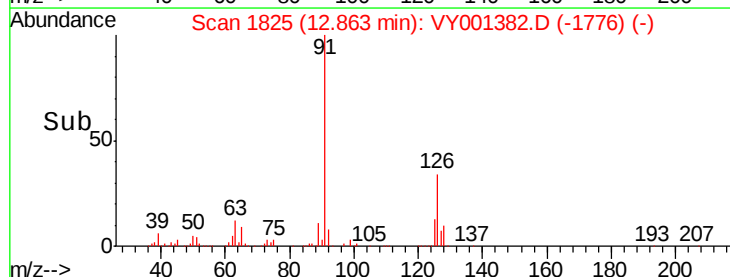
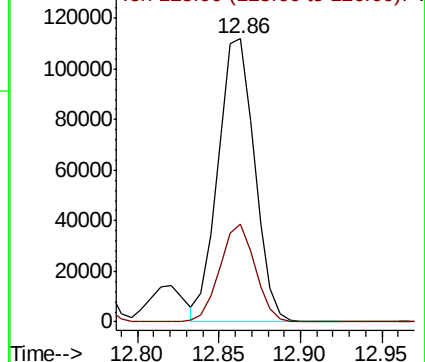
Ion Ratio Lower Upper

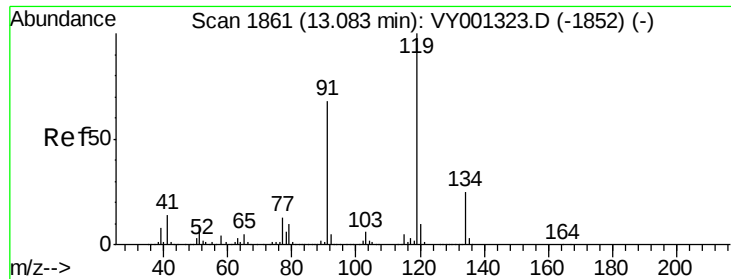
91 100

126 33.3 16.4 49.4



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

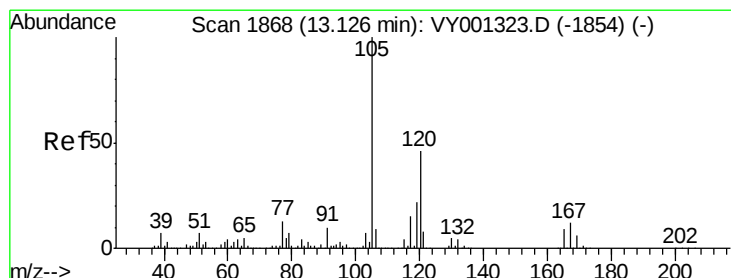
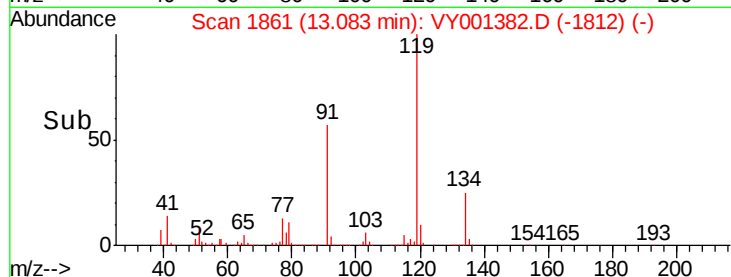
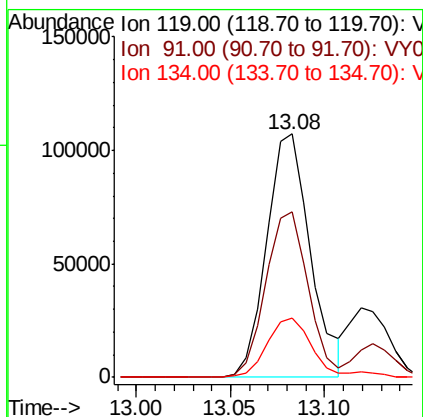
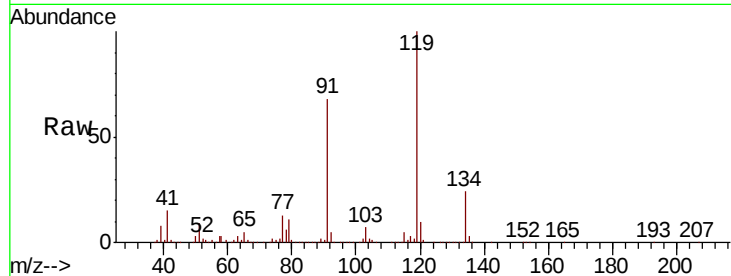




#83  
tert-Butylbenzene  
Concen: 21.207 ug/l  
RT: 13.08 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

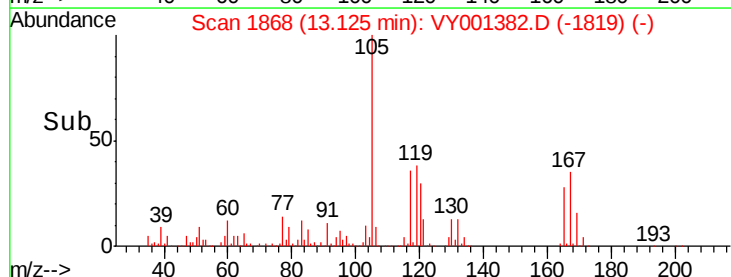
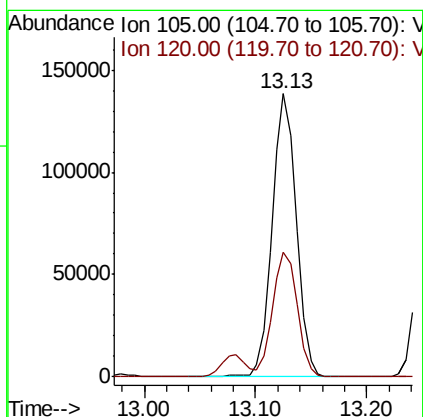
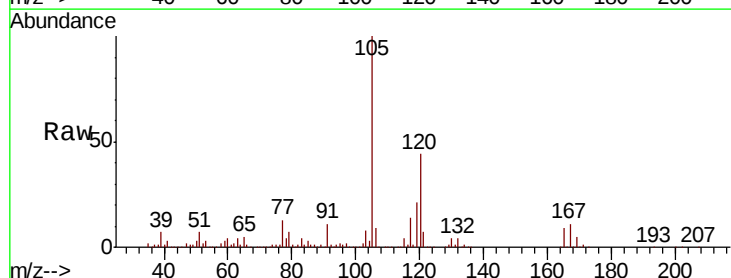
Instrument :  
MSVOA\_Y  
ClientSampled :

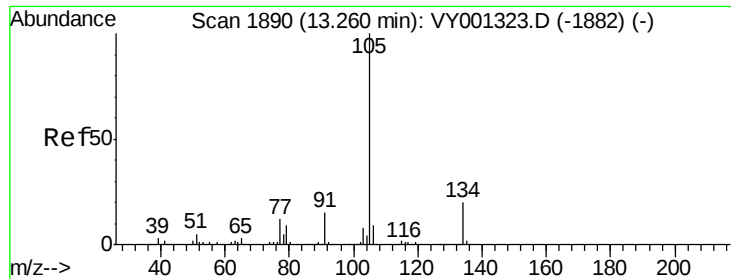
Tot Ion:119 Resp: 172856  
Ion Ratio Lower Upper  
119 100  
91 66.0 33.0 99.0  
134 25.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.464 ug/l  
RT: 13.13 min Scan# 1868  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion:105 Resp: 208382  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.424 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

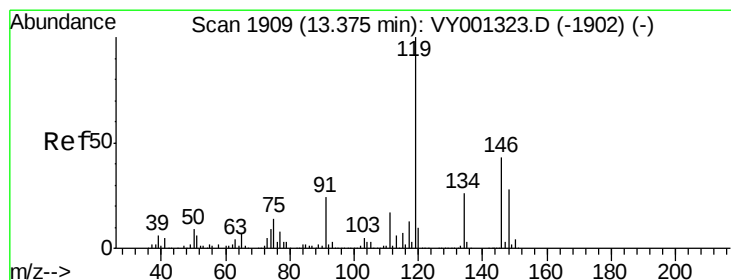
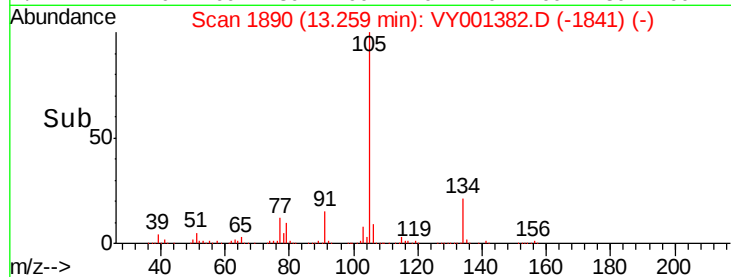
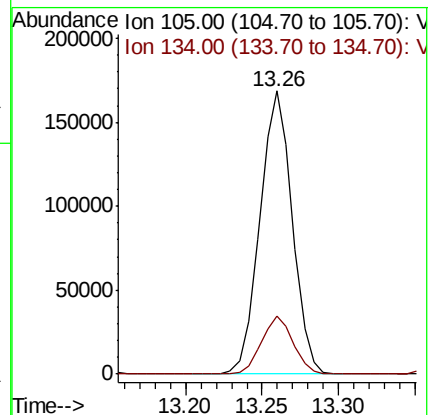
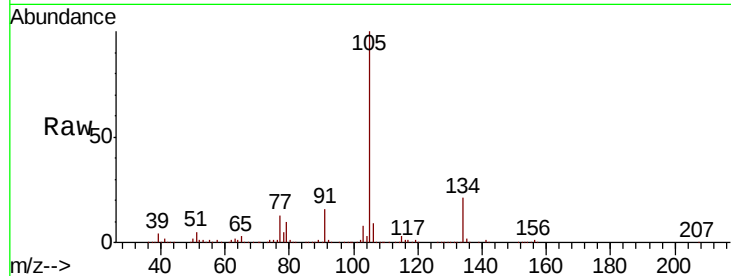
ClientSampleId :

Tot Ion:105 Resp: 248110

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 21.604 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

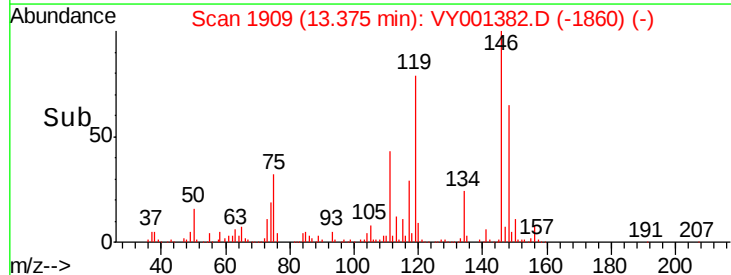
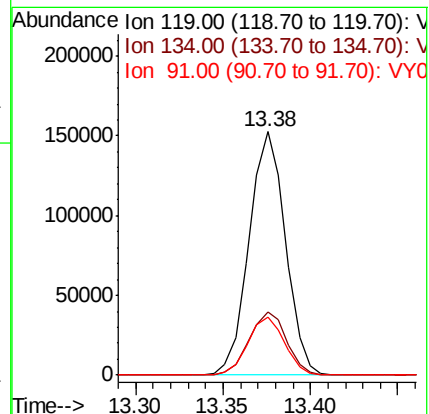
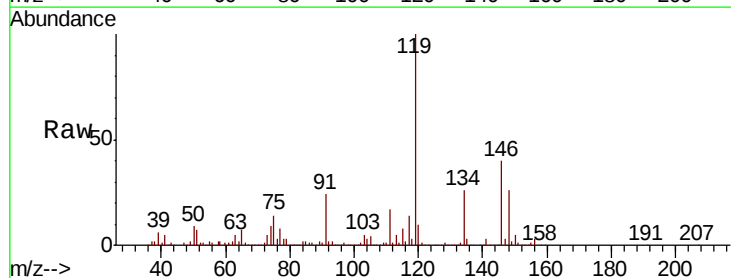
Tgt Ion:119 Resp: 220484

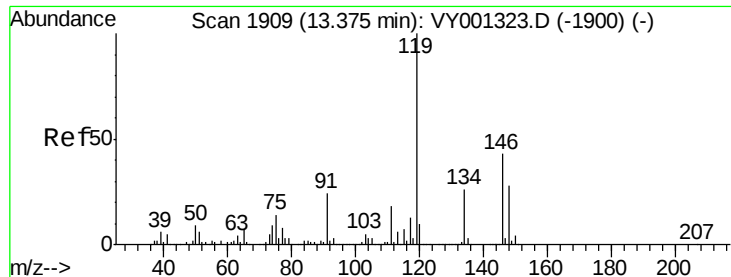
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 24.1 12.2 36.6

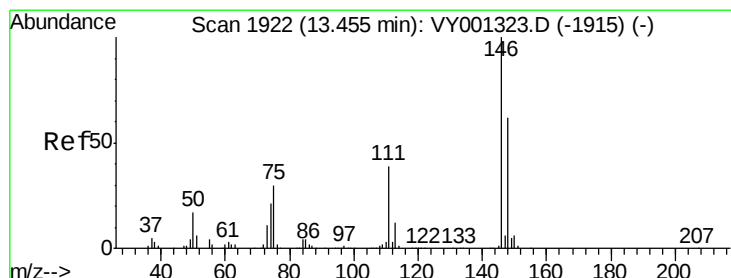
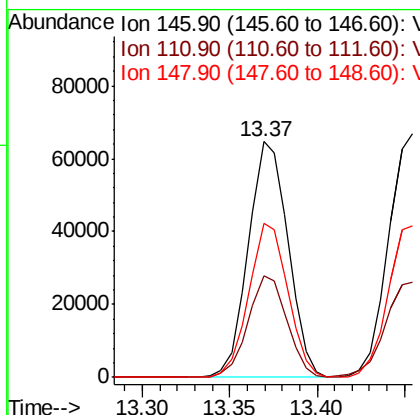
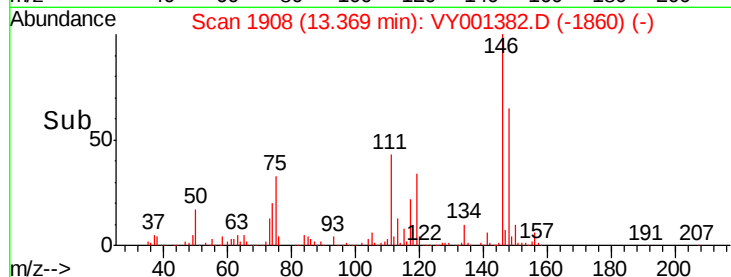
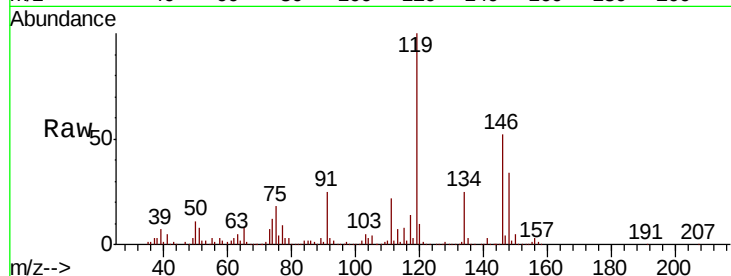




#87  
 1,3-Dichlorobenzene  
 Concen: 20.698 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.01 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

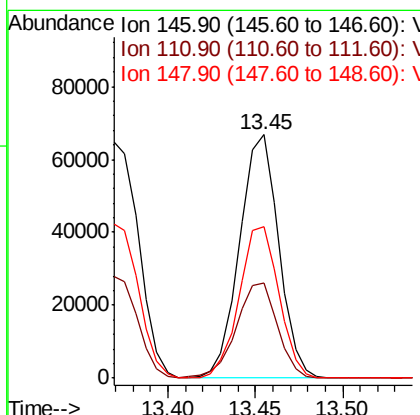
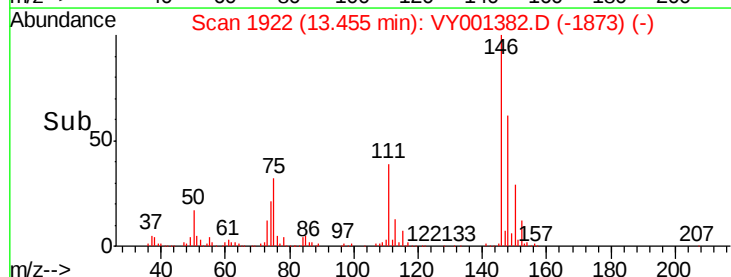
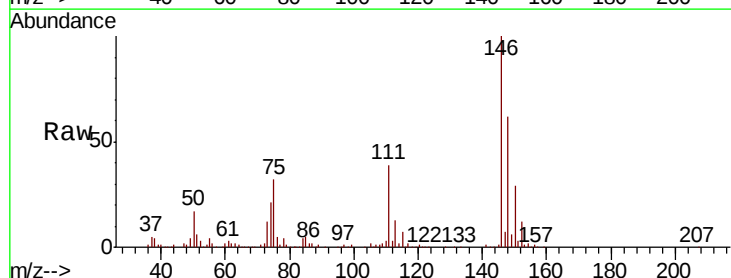
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

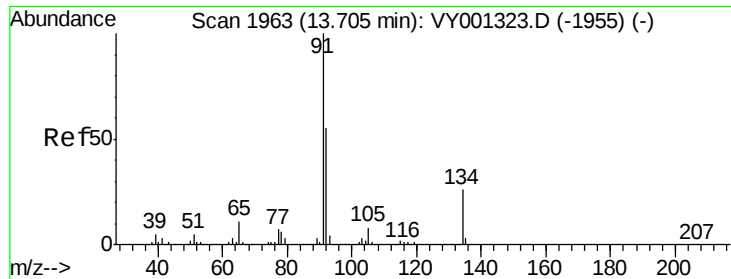
Tot Ion:146 Resp: 102282  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 20.6 61.8  
 148 64.0 31.6 95.0



#88  
 1,4-Dichlorobenzene  
 Concen: 20.734 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Tgt Ion:146 Resp: 104035  
 Ion Ratio Lower Upper  
 146 100  
 111 41.3 20.5 61.5  
 148 63.2 31.6 95.0





#89

n-Butylbenzene

Concen: 21.519 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA\_Y

ClientSampleId :

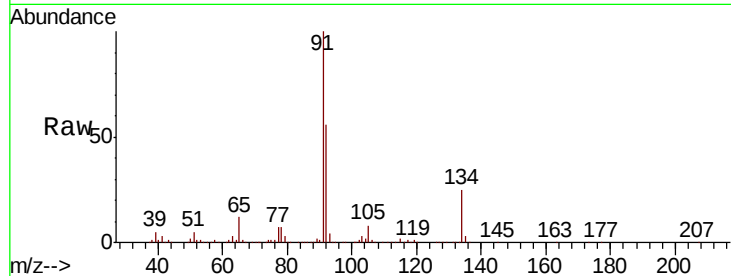
Tot Ion: 91 Resp: 221026

Ion Ratio Lower Upper

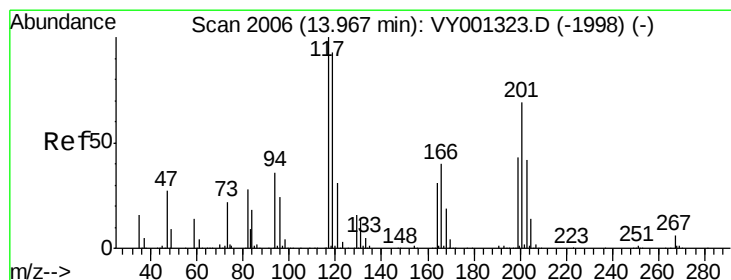
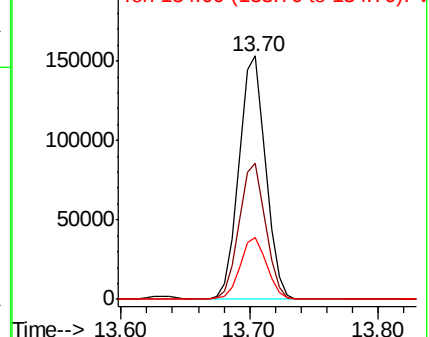
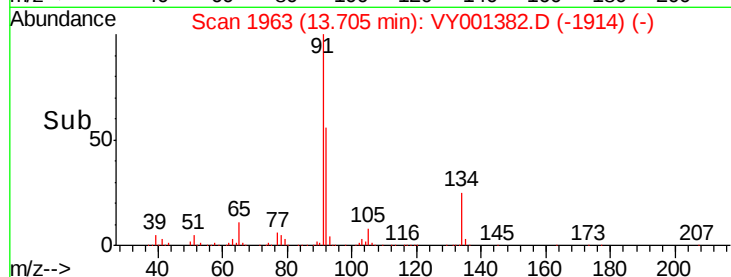
91 100

92 55.6 27.6 82.8

134 25.6 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY001382.D (-1914) (-)



#90

Hexachloroethane

Concen: 21.053 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VY001382.D

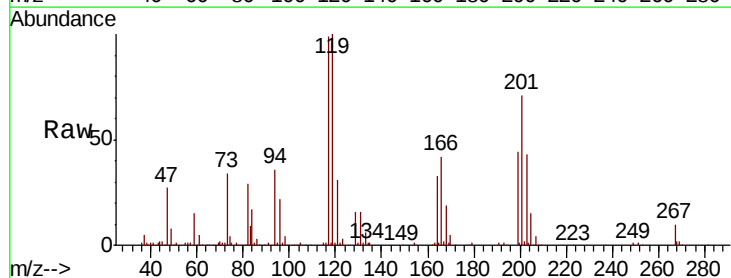
Acq: 24 Jan 2020 15:11

Tgt Ion: 117 Resp: 40727

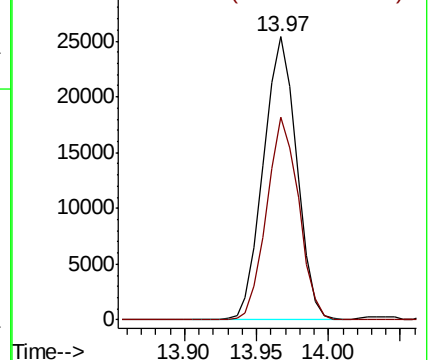
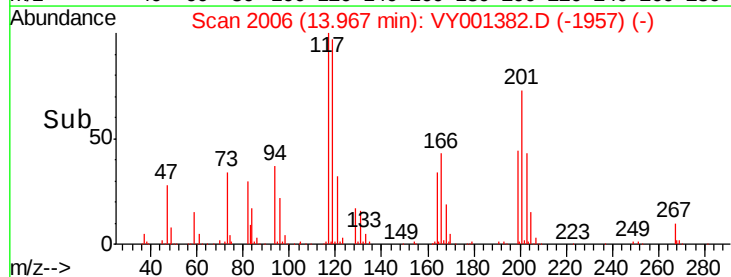
Ion Ratio Lower Upper

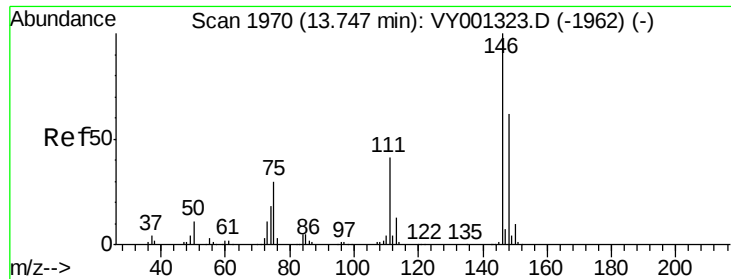
117 100

201 69.0 34.6 103.8



Abundance Ion 116.80 (116.50 to 117.50): VY001382.D (-1957) (-)

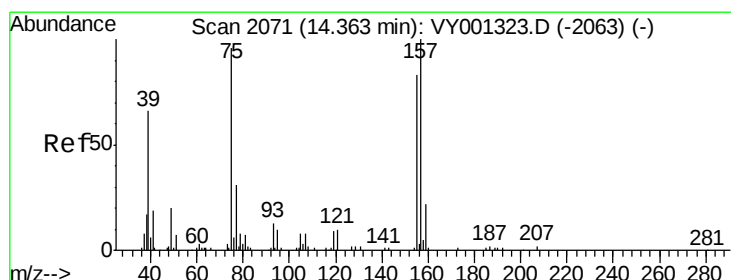
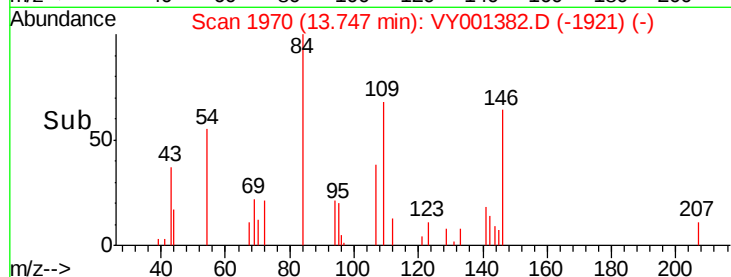
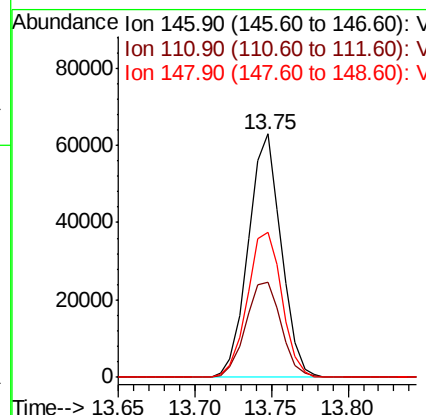
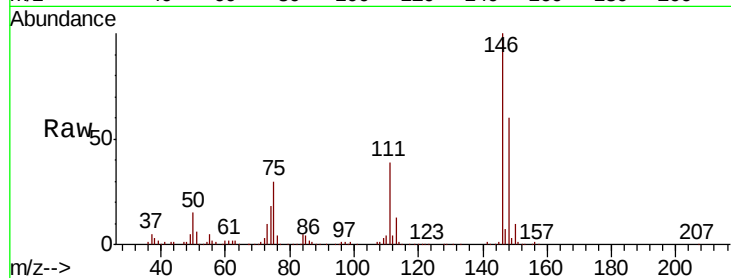




#91  
 1,2-Dichlorobenzene  
 Concen: 20.592 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

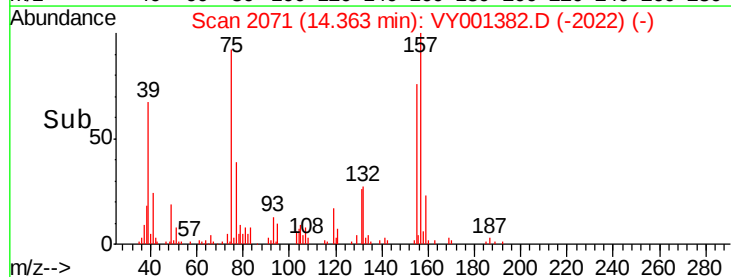
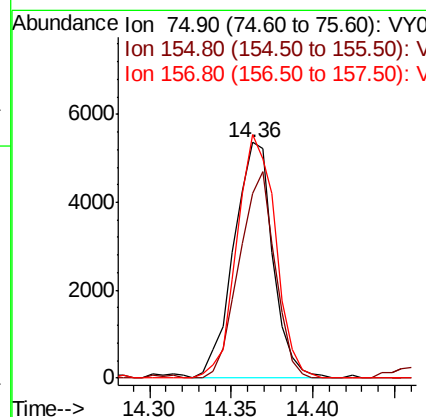
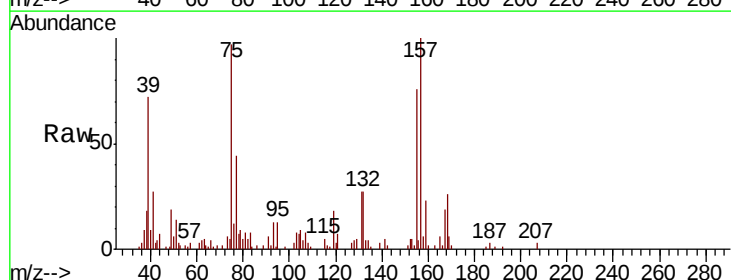
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

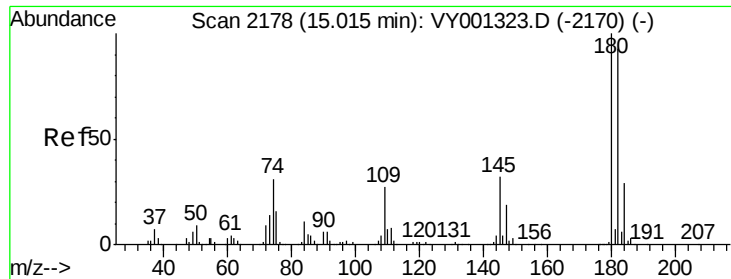
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.5  | 21.1  | 63.4  |
| 148     | 62.6  | 31.5  | 94.5  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.945 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 80.4  | 43.0  | 129.2 |
| 157     | 101.5 | 53.3  | 160.0 |

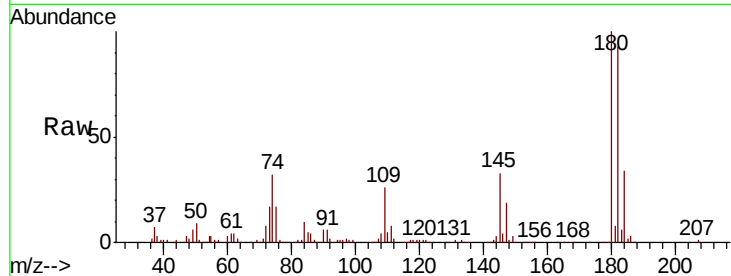




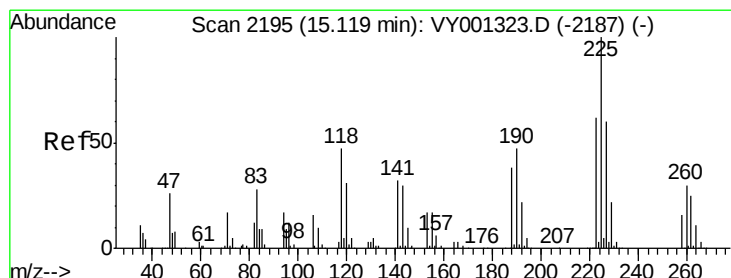
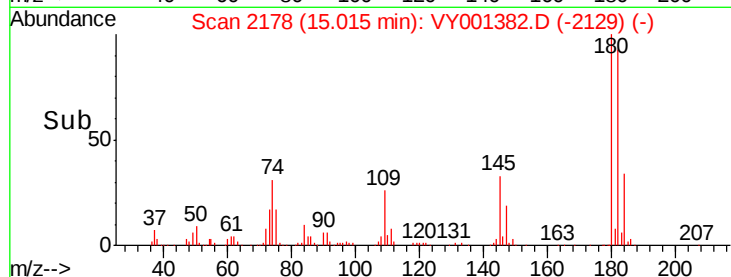
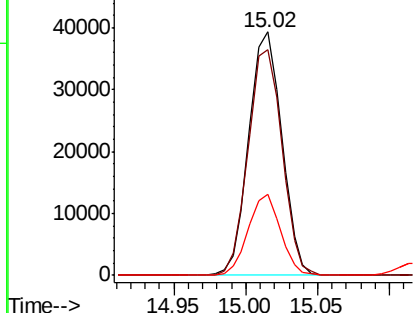
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.369 ug/l  
 RT: 15.02 min Scan# 2178  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tot Ion:180 Resp: 62303  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 47.6 142.8  
 145 32.7 16.3 48.9

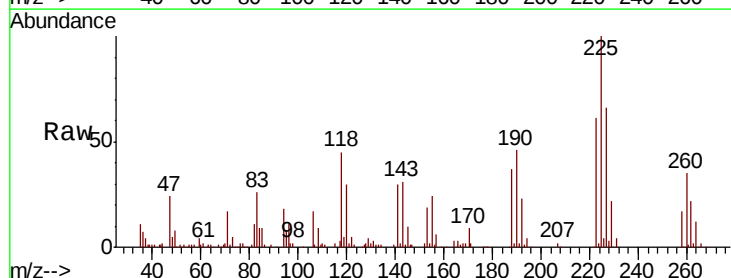


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

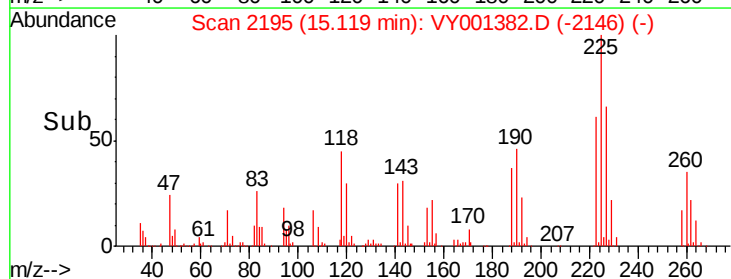
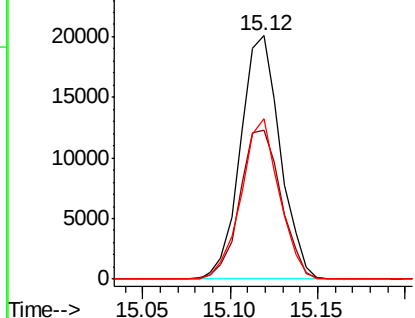


#94  
 Hexachlorobutadiene  
 Concen: 21.229 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. -0.00 min  
 Lab File: VY001382.D  
 Acq: 24 Jan 2020 15:11

Tgt Ion:225 Resp: 31617  
 Ion Ratio Lower Upper  
 225 100  
 223 63.7 31.2 93.6  
 227 63.0 31.0 93.0



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

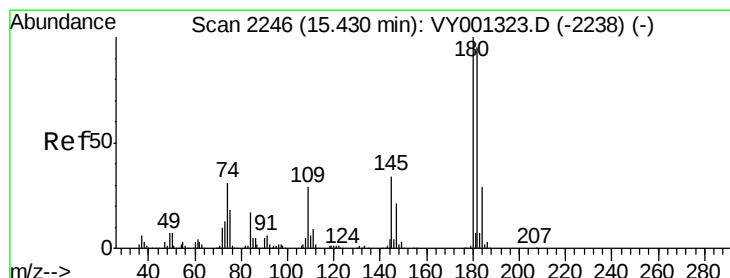
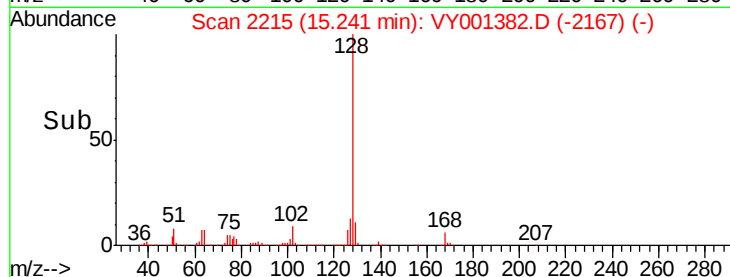
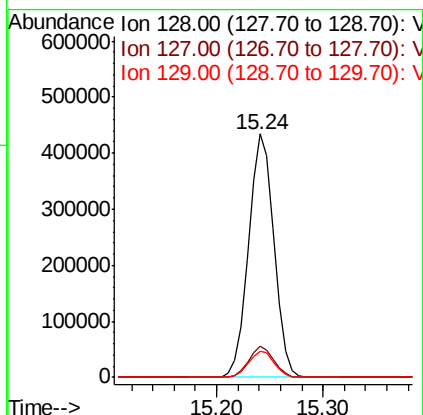
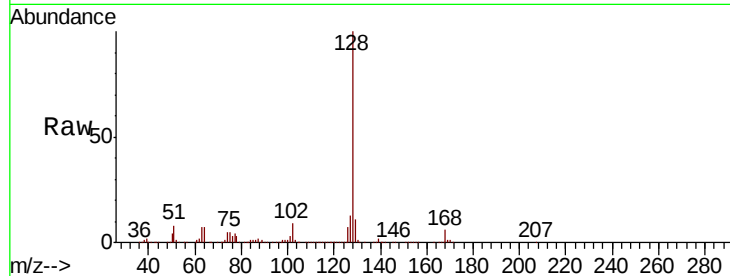




#95  
Naphthalene  
Concen: 103.818 ug/l  
RT: 15.24 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:128 Resp: 726117  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.2  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 20.724 ug/l  
RT: 15.43 min Scan# 2246  
Delta R.T. -0.00 min  
Lab File: VY001382.D  
Acq: 24 Jan 2020 15:11

Tgt Ion:180 Resp: 55606  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.3 141.8  
145 35.4 16.8 50.3

