

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\  
 Data File : VY001635.D  
 Acq On : 17 Feb 2020 10:03  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 17 12:01:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y021720S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 17 11:55:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 200999   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 352484   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 314032   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.44 | 152  | 145413   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |        |      |
|---------------------------|--------|-----|----------|------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.17   | 65  | 11547    | 5.64 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 11.28% |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 10560    | 5.22 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.44% |      |
| 50) Toluene-d8            | 10.19  | 98  | 43919    | 5.70 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 11.40% |      |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 15979    | 5.26 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.52% |      |

## Target Compounds

|                               |      |     |        |        | Qvalue |     |
|-------------------------------|------|-----|--------|--------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 9059   | 4.574  | ug/l   | 98  |
| 3) Chloromethane              | 2.13 | 50  | 14144  | 6.548  | ug/l   | 91  |
| 4) Vinyl Chloride             | 2.26 | 62  | 13248  | 5.951  | ug/l   | 95  |
| 5) Bromomethane               | 2.66 | 94  | 9375   | 6.722  | ug/l   | 99  |
| 6) Chloroethane               | 2.81 | 64  | 8198   | 6.107  | ug/l   | 96  |
| 7) Trichlorofluoromethane     | 3.15 | 101 | 17032  | 4.854  | ug/l   | 93  |
| 8) Diethyl Ether              | 3.55 | 74  | 7141   | 5.866  | ug/l   | 92  |
| 9) 1,1,2-Trichlorotrifluoroet | 3.93 | 101 | 10862  | 5.111  | ug/l   | 98  |
| 10) Methyl Iodide             | 4.12 | 142 | 11040  | 4.084  | ug/l   | 97  |
| 11) Tert butyl alcohol        | 4.98 | 59  | 10644  | 33.548 | ug/l # | 85  |
| 12) 1,1-Dichloroethene        | 3.90 | 96  | 10821  | 5.115  | ug/l # | 80  |
| 13) Acrolein                  | 3.75 | 56  | 5680   | 28.981 | ug/l   | 98  |
| 14) Allyl chloride            | 4.51 | 41  | 18362  | 5.493  | ug/l   | 95  |
| 15) Acrylonitrile             | 5.20 | 53  | 16299  | 28.319 | ug/l   | 96  |
| 16) Acetone                   | 3.98 | 43  | 17052  | 26.915 | ug/l   | 92  |
| 17) Carbon Disulfide          | 4.22 | 76  | 35696  | 5.246  | ug/l   | 100 |
| 18) Methyl Acetate            | 4.50 | 43  | 8818   | 6.659  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether   | 5.26 | 73  | 30067  | 5.264  | ug/l   | 97  |
| 20) Methylene Chloride        | 4.75 | 84  | 16259  | 6.163  | ug/l # | 89  |
| 21) trans-1,2-Dichloroethene  | 5.25 | 96  | 12422  | 5.250  | ug/l   | 95  |
| 22) Diisopropyl ether         | 6.14 | 45  | 38746  | 5.815  | ug/l   | 98  |
| 23) Vinyl Acetate             | 6.10 | 43  | 121052 | 28.213 | ug/l   | 97  |
| 24) 1,1-Dichloroethane        | 6.05 | 63  | 20891  | 5.332  | ug/l   | 98  |
| 25) 2-Butanone                | 7.02 | 43  | 23422  | 28.471 | ug/l   | 98  |
| 26) 2,2-Dichloropropane       | 7.01 | 77  | 19404  | 5.258  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene    | 7.02 | 96  | 13787  | 5.323  | ug/l   | 99  |
| 28) Bromochloromethane        | 7.36 | 49  | 7646   | 5.530  | ug/l   | 96  |
| 29) Tetrahydrofuran           | 7.38 | 42  | 14953  | 30.622 | ug/l   | 99  |
| 30) Chloroform                | 7.54 | 83  | 21502  | 5.473  | ug/l   | 95  |
| 31) Cyclohexane               | 7.81 | 56  | 25181  | 6.257  | ug/l # | 78  |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 16958  | 4.816  | ug/l   | 97  |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 17030  | 5.254  | ug/l   | 97  |
| 37) Ethyl Acetate             | 7.11 | 43  | 10224  | 6.203  | ug/l # | 93  |
| 38) Carbon Tetrachloride      | 7.92 | 117 | 14808  | 4.797  | ug/l   | 86  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\  
 Data File : VY001635.D  
 Acq On : 17 Feb 2020 10:03  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 17 12:01:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y021720S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 17 11:55:18 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.20  | 83   | 22615    | 5.306   | ug/l # | 93       |
| 40) Benzene                    | 8.18  | 78   | 49703    | 5.347   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.38  | 41   | 13601    | 18.430  | ug/l # | 5        |
| 42) 1,2-Dichloroethane         | 8.26  | 62   | 13397    | 5.165   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.30  | 43   | 17815    | 5.479   | ug/l   | 98       |
| 44) Trichloroethene            | 8.96  | 130  | 12705    | 5.135   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.24  | 63   | 12306    | 5.442   | ug/l   | 100      |
| 46) Dibromomethane             | 9.32  | 93   | 6475     | 5.142   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.51  | 83   | 15712    | 5.145   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.31  | 41   | 8419     | 5.718   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.31  | 88   | 1847     | 108.909 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 47237    | 29.168  | ug/l   | 98       |
| 52) Toluene                    | 10.25 | 92   | 30403    | 5.154   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.48 | 75   | 16208    | 4.828   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 19318    | 5.041   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 9062     | 4.983   | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.52 | 69   | 13191    | 5.031   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 16639    | 5.173   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 30408    | 32.072  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.84 | 43   | 33272    | 27.834  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.00 | 129  | 9988     | 4.712   | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 8549     | 4.800   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.73 | 164  | 10345    | 5.085   | ug/l   | 94       |
| 65) Chlorobenzene              | 11.53 | 112  | 31605    | 5.134   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 10453    | 4.870   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 58578    | 5.134   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.71 | 106  | 43275    | 10.098  | ug/l   | 99       |
| 69) o-Xylene                   | 12.04 | 106  | 20849    | 5.155   | ug/l   | 98       |
| 70) Styrene                    | 12.05 | 104  | 35205    | 5.021   | ug/l   | 99       |
| 71) Bromoform                  | 12.22 | 173  | 5590     | 4.621   | ug/l # | 95       |
| 73) Isopropylbenzene           | 12.34 | 105  | 55511    | 5.033   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.16 | 43   | 17090    | 5.672   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 11287    | 5.210   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 15030    | 9.643   | ug/l # | 100      |
| 77) Bromobenzene               | 12.62 | 156  | 12306    | 5.157   | ug/l   | 95       |
| 78) n-propylbenzene            | 12.68 | 91   | 66288    | 4.990   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 37522    | 4.978   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 45672    | 4.915   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 3923     | 4.713   | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 39705    | 4.996   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 37752    | 4.819   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 46872    | 5.090   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.27 | 105  | 57392    | 5.178   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 49073    | 5.028   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 24276    | 5.273   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 24609    | 5.338   | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.70 | 91   | 50348    | 5.196   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.97 | 117  | 8982     | 4.803   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 22236    | 5.321   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.37 | 75   | 1901     | 4.831   | ug/l   | 93       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\  
Data File : VY001635.D  
Acq On : 17 Feb 2020 10:03  
Operator : SY/MD  
Sample : VSTDICC005  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 3 Sample Multiplier: 1

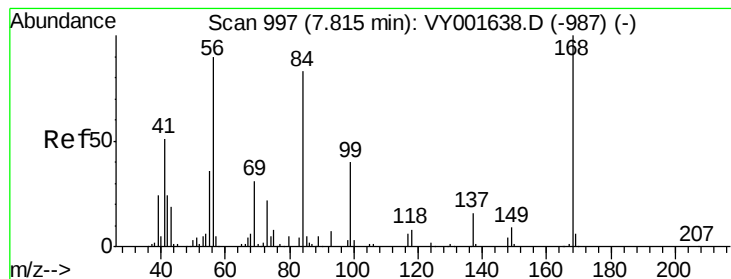
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Feb 17 12:01:47 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y021720S.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 17 11:55:18 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.01 | 180  | 15063    | 5.348 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 7936     | 5.610 | ug/l  | 96       |
| 95) Naphthalene            | 15.25 | 128  | 32720    | 4.897 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 13392    | 5.371 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

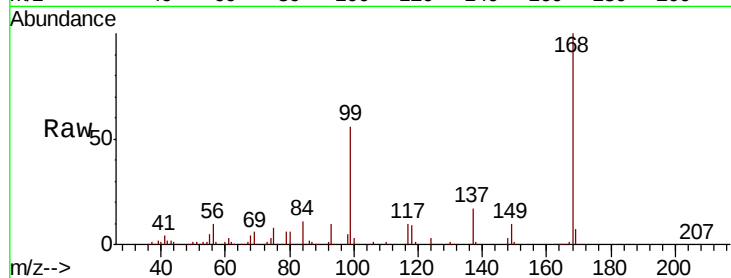
ClientSampleId :

Tot Ion:168 Resp: 200999

Ion Ratio Lower Upper

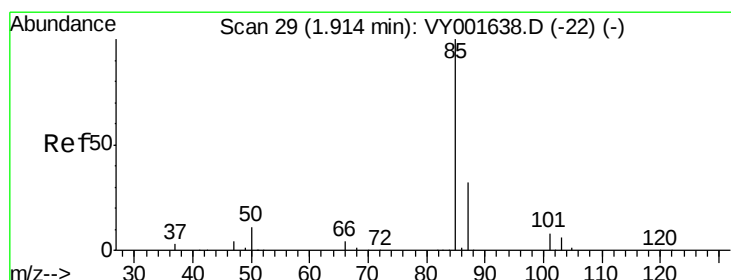
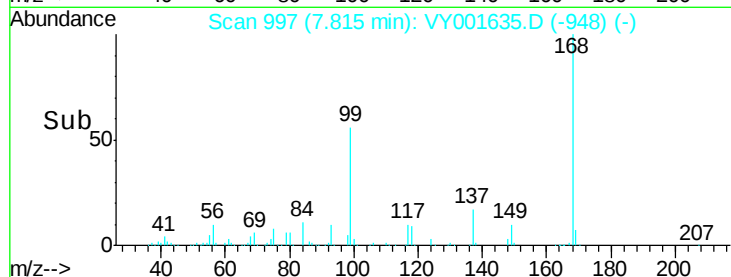
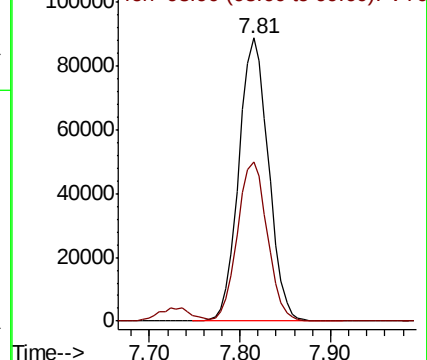
168 100

99 56.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY001635.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001635.D (-948) (-)



#2

Dichlorodifluoromethane

Concen: 4.574 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.00 min

Lab File: VY001635.D

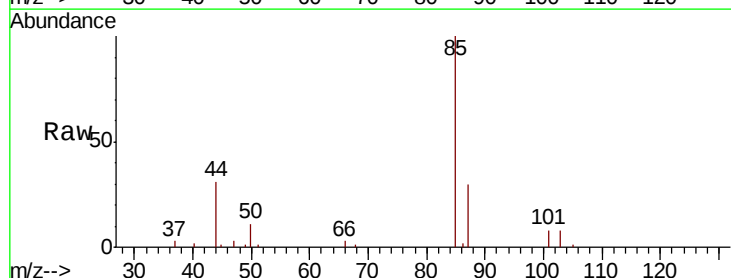
Acq: 17 Feb 2020 10:03

Tgt Ion: 85 Resp: 9059

Ion Ratio Lower Upper

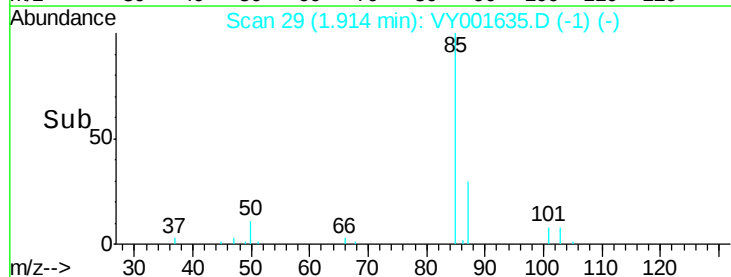
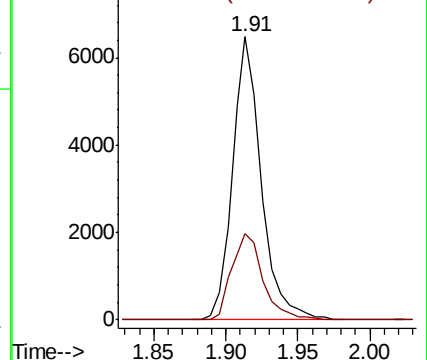
85 100

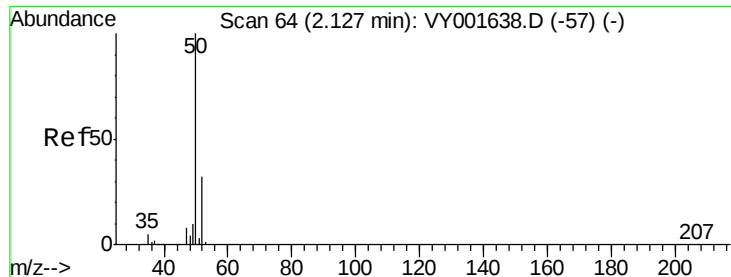
87 30.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VY001635.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001635.D (-1) (-)





#3

Chloromethane

Concen: 6.548 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

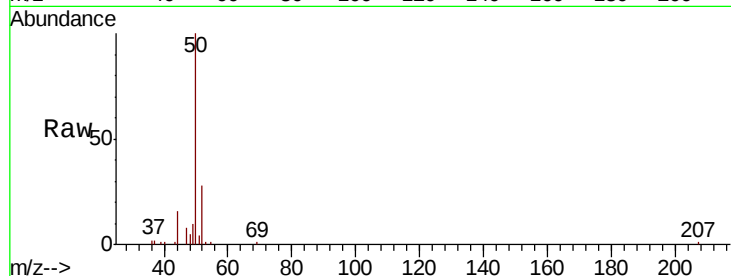
ClientSampled :

Tot Ion: 50 Resp: 14144

Ion Ratio Lower Upper

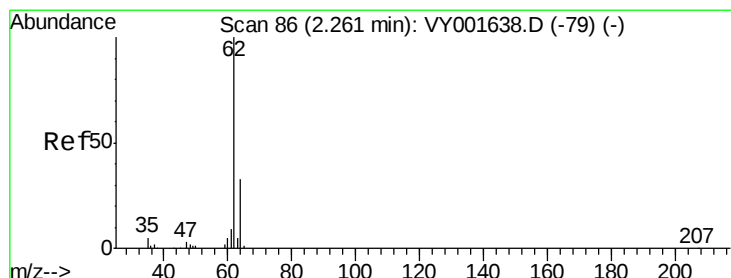
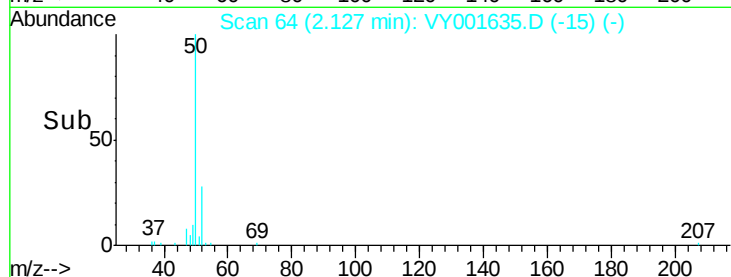
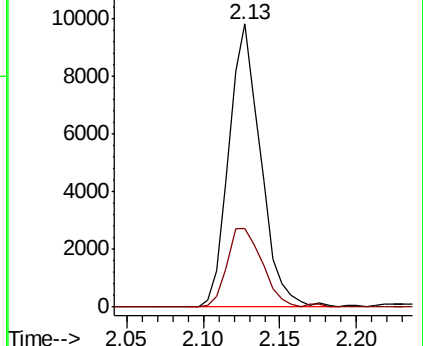
50 100

52 27.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 5.951 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY001635.D

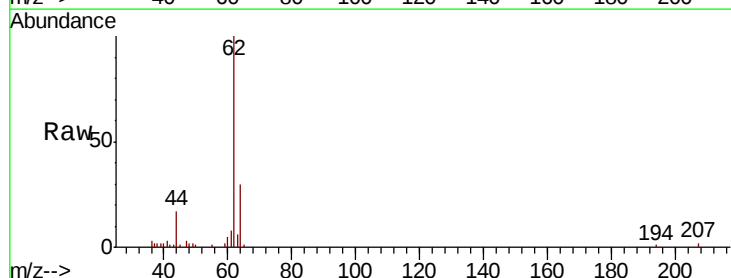
Acq: 17 Feb 2020 10:03

Tgt Ion: 62 Resp: 13248

Ion Ratio Lower Upper

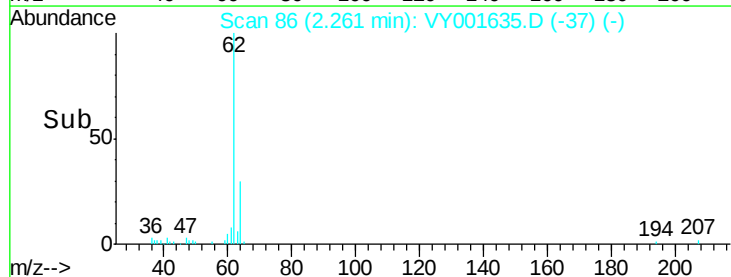
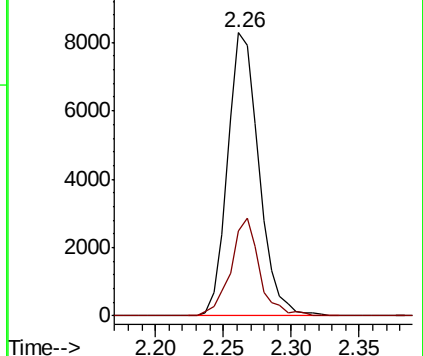
62 100

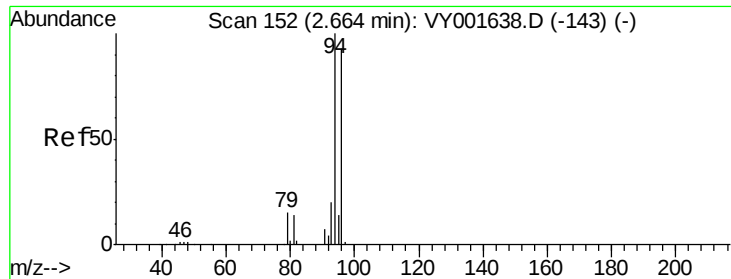
64 30.1 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 6.722 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

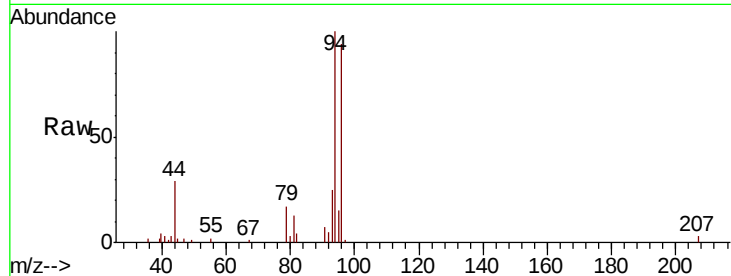
ClientSampleId :

Tot Ion: 94 Resp: 9375

Ion Ratio Lower Upper

94 100

96 93.7 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

5000

4000

3000

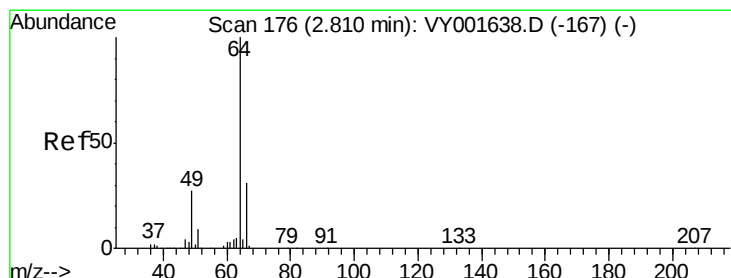
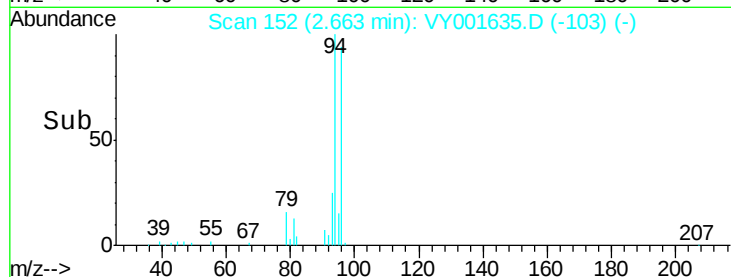
2000

1000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 6.107 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.00 min

Lab File: VY001635.D

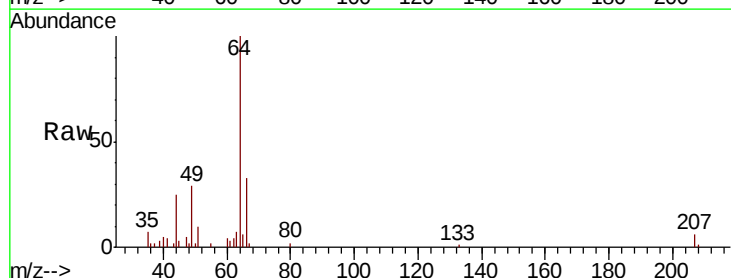
Acq: 17 Feb 2020 10:03

Tgt Ion: 64 Resp: 8198

Ion Ratio Lower Upper

64 100

66 33.1 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

4000

3000

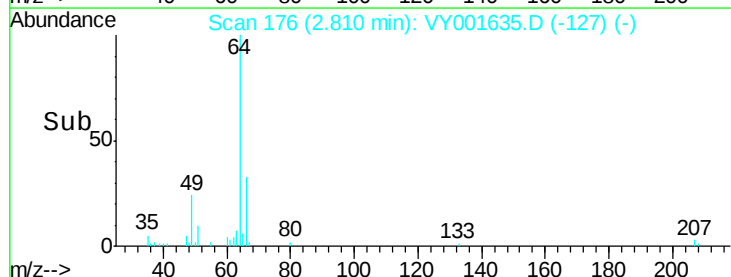
2000

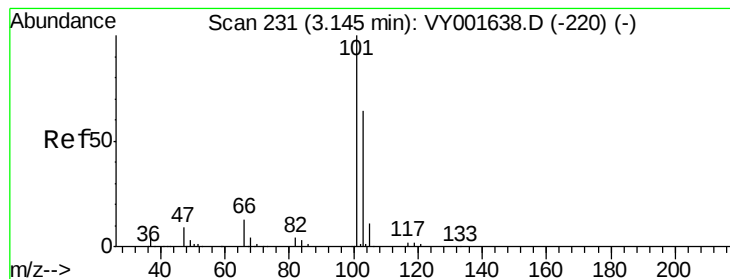
1000

0

Time-->

2.75 2.80 2.85 2.90



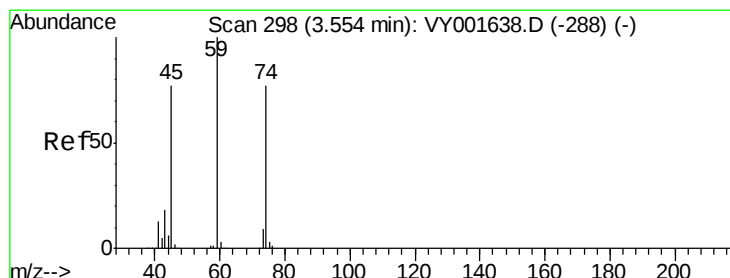
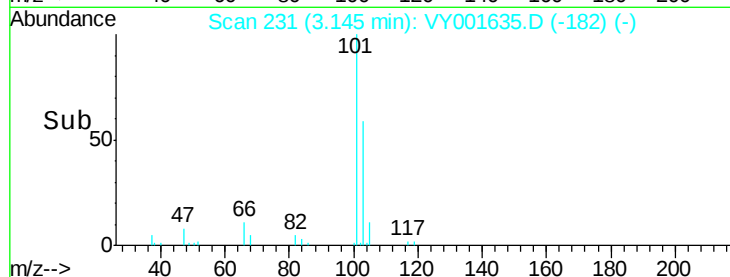
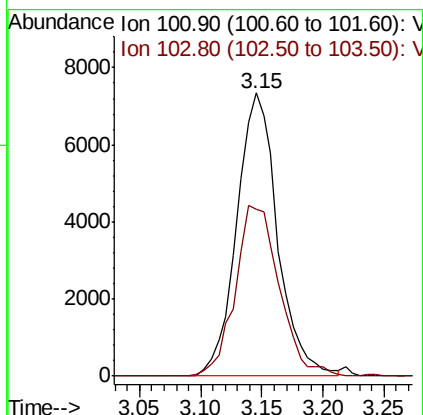
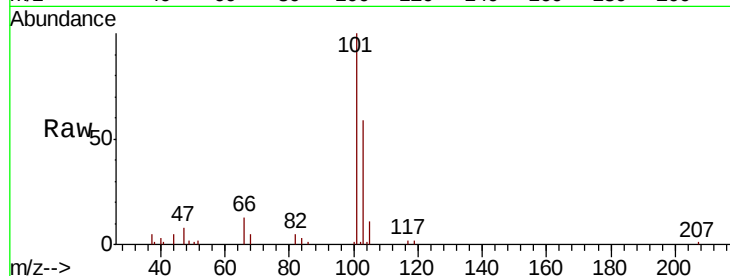


#7

Trichlorofluoromethane  
 Concen: 4.854 ug/l  
 RT: 3.15 min Scan# 231  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

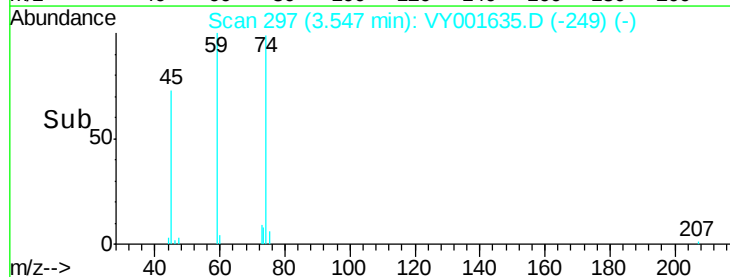
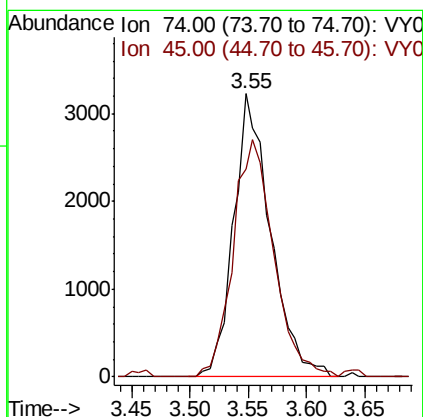
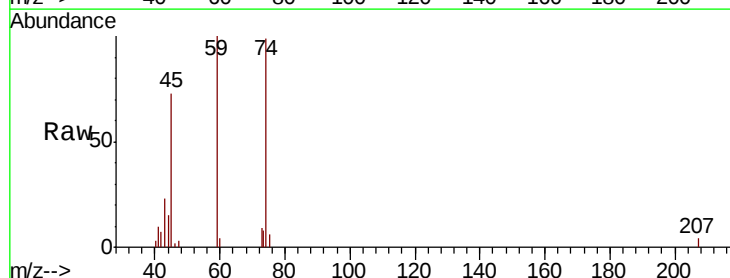
Tot Ion:101 Resp: 17032  
 Ion Ratio Lower Upper  
 101 100  
 103 59.1 51.6 77.4

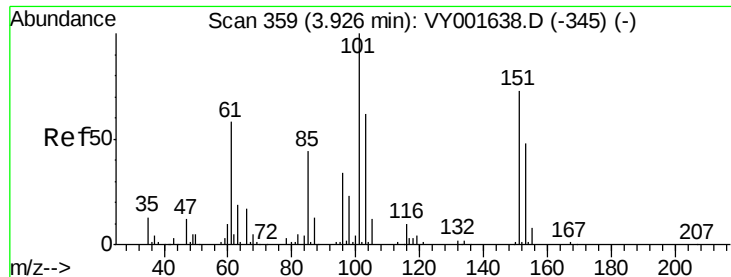


#8

Diethyl Ether  
 Concen: 5.866 ug/l  
 RT: 3.55 min Scan# 297  
 Delta R.T. -0.01 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion: 74 Resp: 7141  
 Ion Ratio Lower Upper  
 74 100  
 45 92.2 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.111 ug/l

RT: 3.93 min Scan# 359

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampleId :

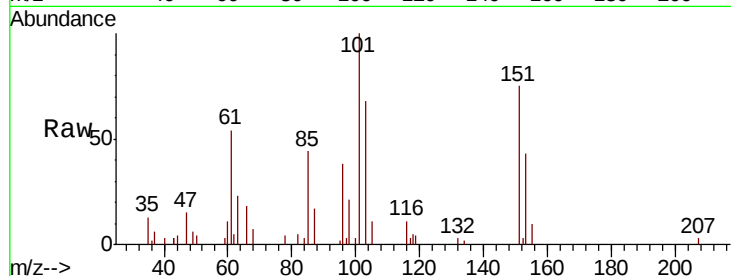
Tot Ion:101 Resp: 10862

Ion Ratio Lower Upper

101 100

85 46.1 34.6 52.0

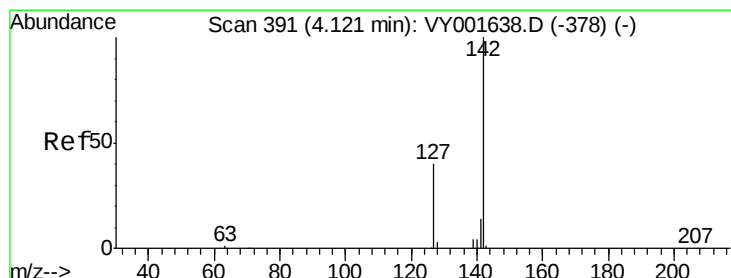
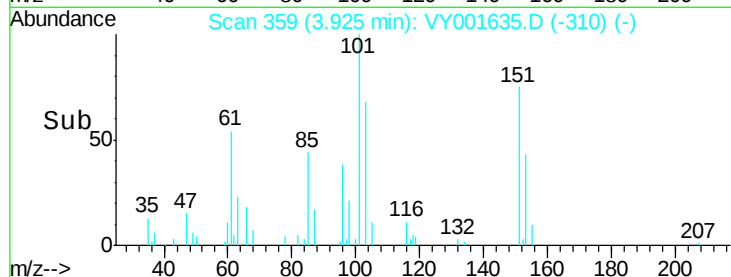
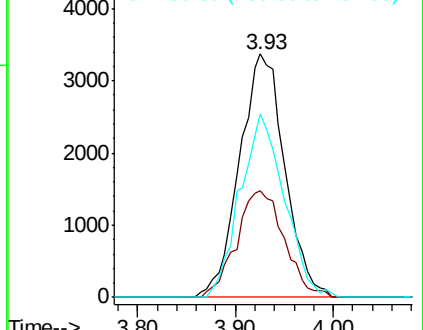
151 73.6 58.6 88.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.084 ug/l

RT: 4.12 min Scan# 391

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

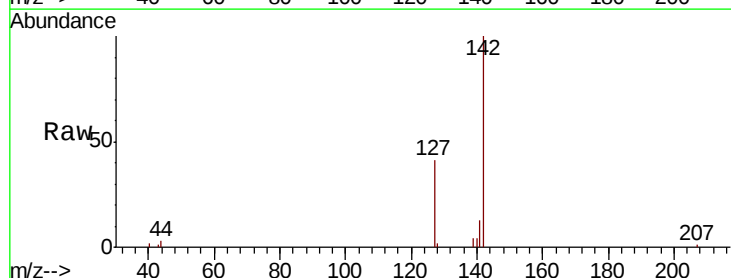
Tgt Ion:142 Resp: 11040

Ion Ratio Lower Upper

142 100

127 42.0 31.8 47.8

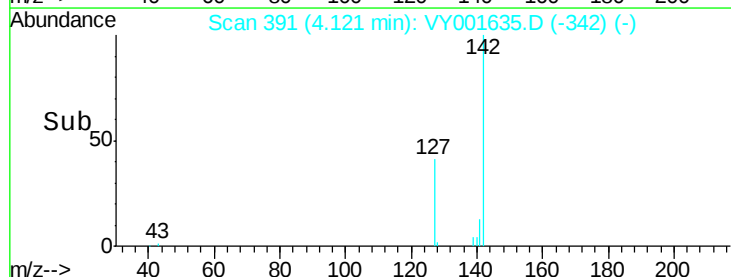
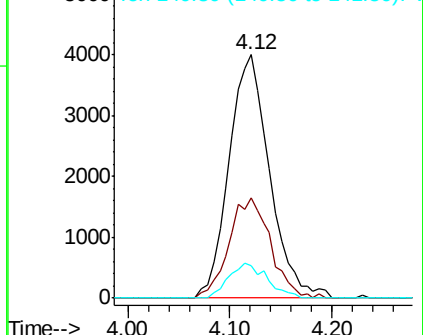
141 13.6 11.3 16.9

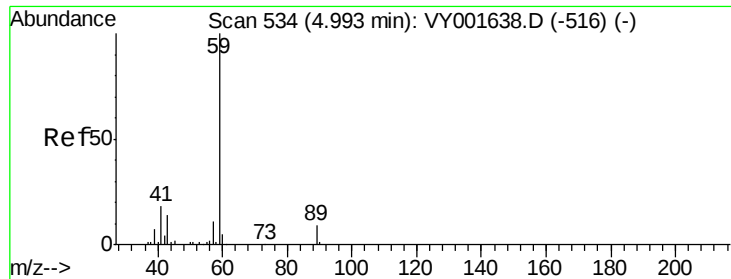


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

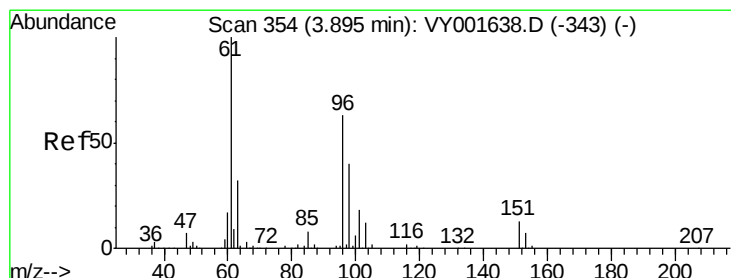
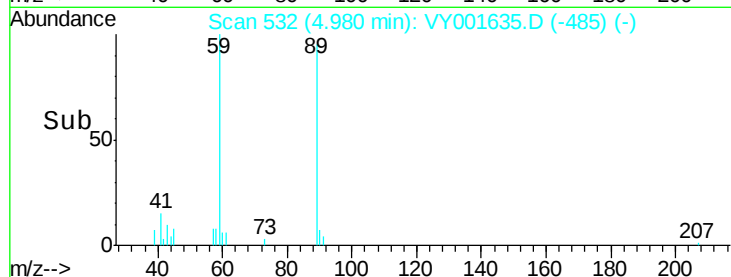
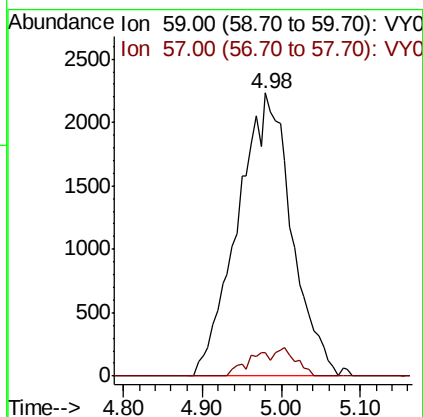
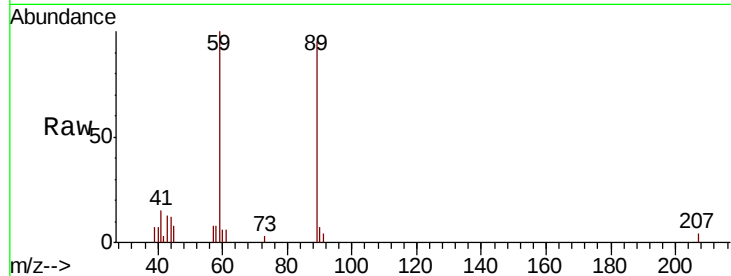




#11  
Tert butyl alcohol  
Concen: 33.548 ug/l  
RT: 4.98 min Scan# 532  
Delta R.T. -0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

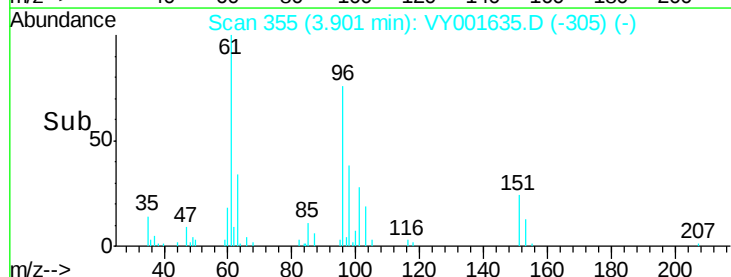
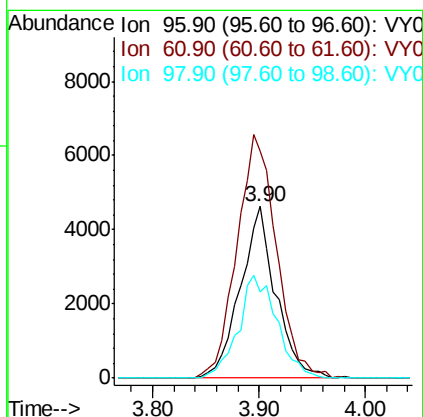
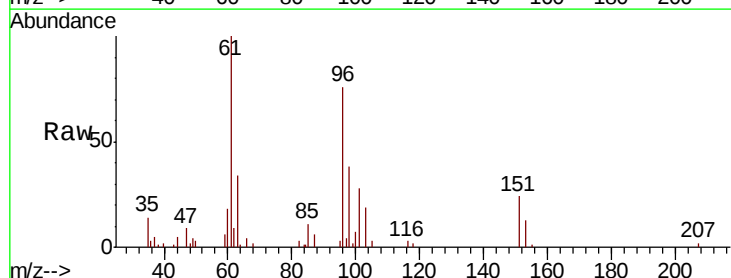
Instrument :  
MSVOA\_Y  
ClientSampleId :

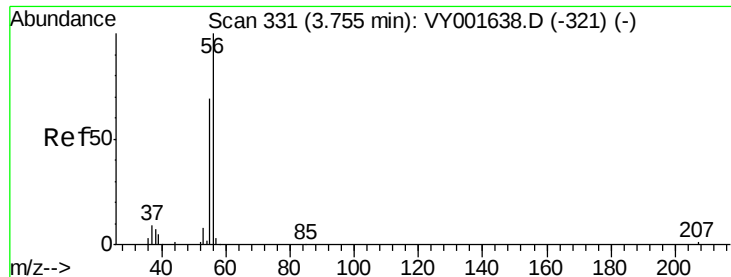
Tot Ion: 59 Resp: 10644  
Ion Ratio Lower Upper  
59 100  
57 3.8 7.4 11.2#



#12  
1,1-Dichloroethene  
Concen: 5.115 ug/l  
RT: 3.90 min Scan# 355  
Delta R.T. 0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 96 Resp: 10821  
Ion Ratio Lower Upper  
96 100  
61 132.1 127.9 191.9  
98 50.4 51.0 76.4#





#13

Acrolein

Concen: 28.981 ug/l

RT: 3.75 min Scan# 331

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

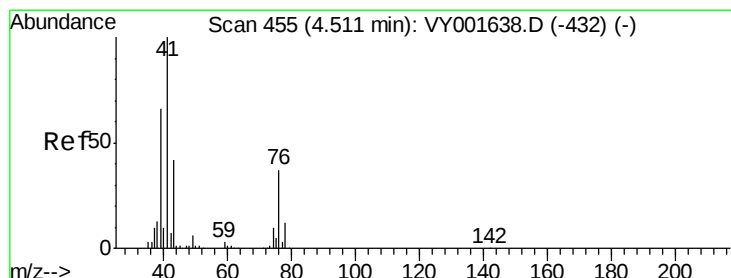
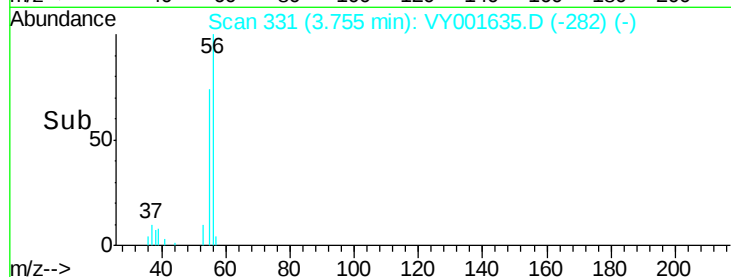
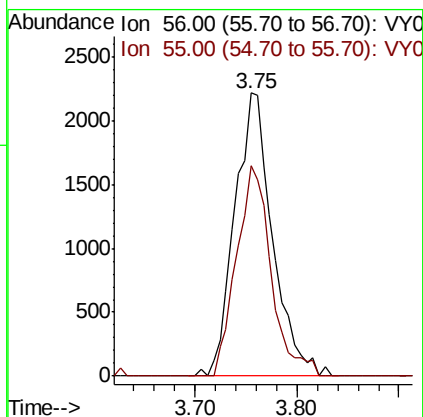
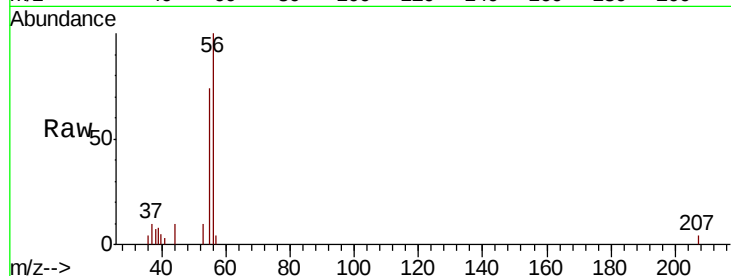
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 56 Resp: 5680

Ion Ratio Lower Upper

56 100

55 68.6 56.4 84.6



#14

Allyl chloride

Concen: 5.493 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

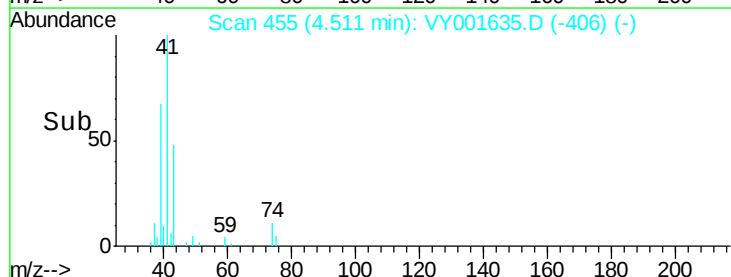
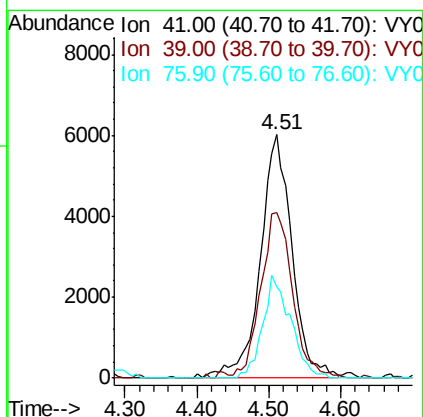
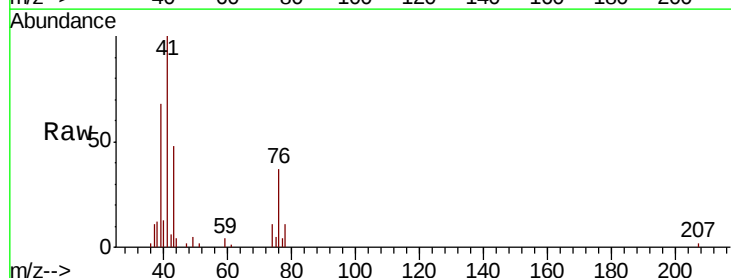
Tgt Ion: 41 Resp: 18362

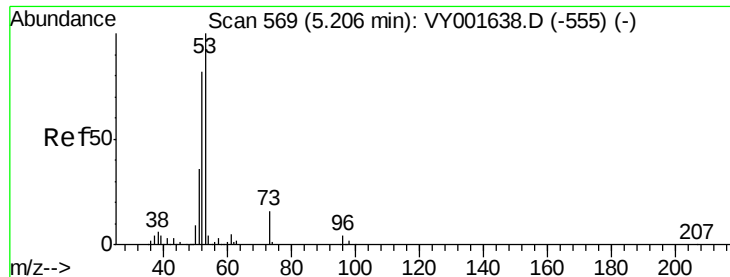
Ion Ratio Lower Upper

41 100

39 68.4 51.0 76.4

76 37.4 28.2 42.4





#15

Acrylonitrile

Concen: 28.319 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampleId :

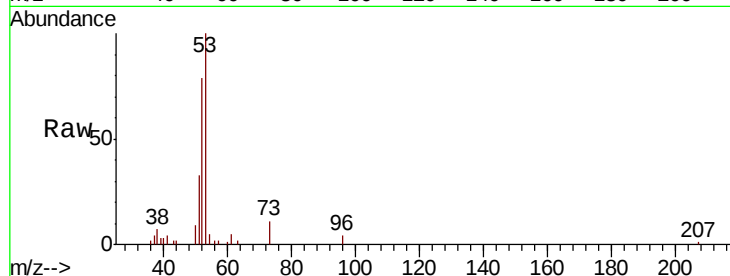
Tot Ion: 53 Resp: 16299

Ion Ratio Lower Upper

53 100

52 84.8 64.9 97.3

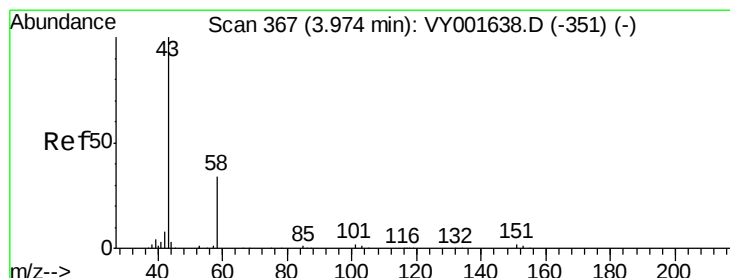
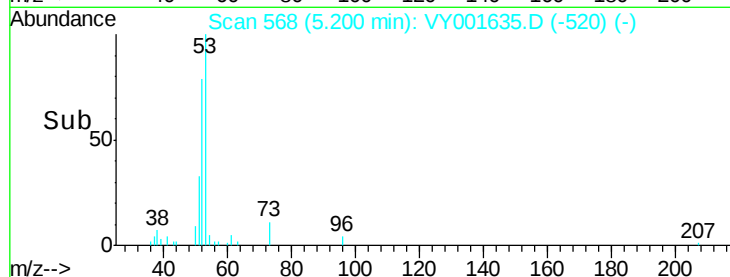
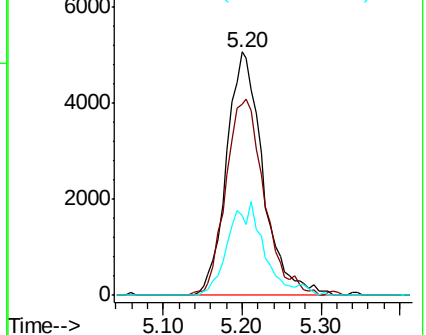
51 36.5 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VY001635.D (-520) (-)

Ion 52.00 (51.70 to 52.70): VY001635.D (-520) (-)

Ion 51.00 (50.70 to 51.70): VY001635.D (-520) (-)



#16

Acetone

Concen: 26.915 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001635.D

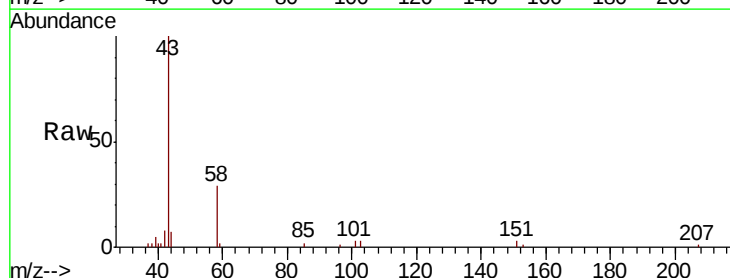
Acq: 17 Feb 2020 10:03

Tgt Ion: 43 Resp: 17052

Ion Ratio Lower Upper

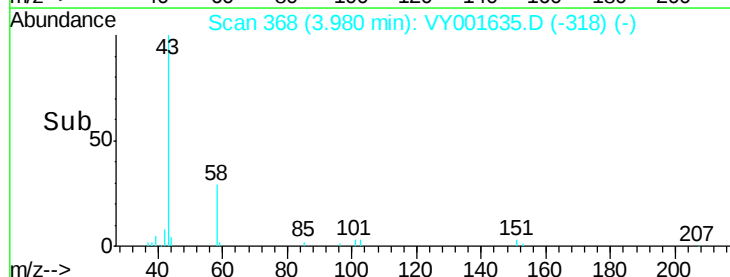
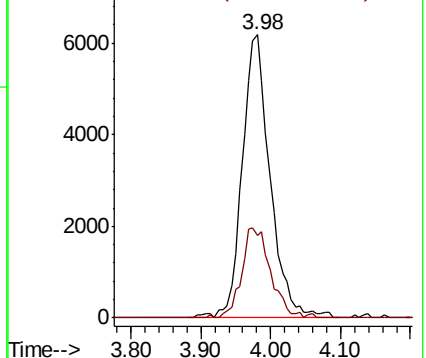
43 100

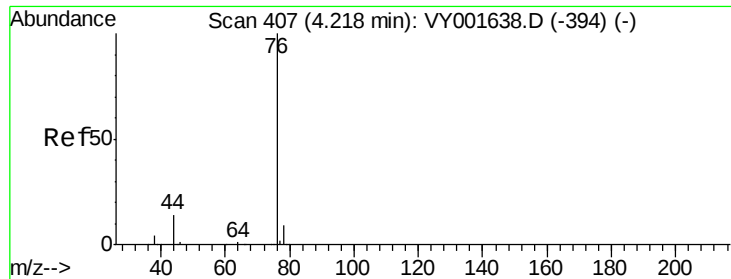
58 29.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VY001635.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001635.D (-318) (-)

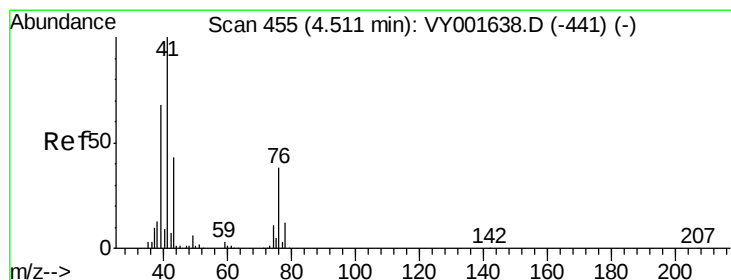
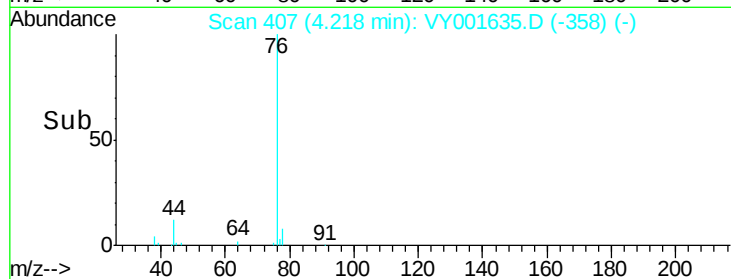
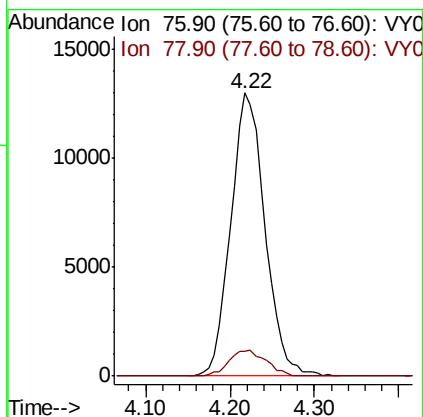
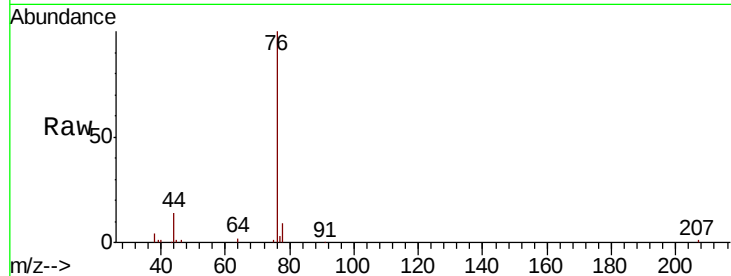




#17  
Carbon Disulfide  
Concen: 5.246 ug/l  
RT: 4.22 min Scan# 407  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

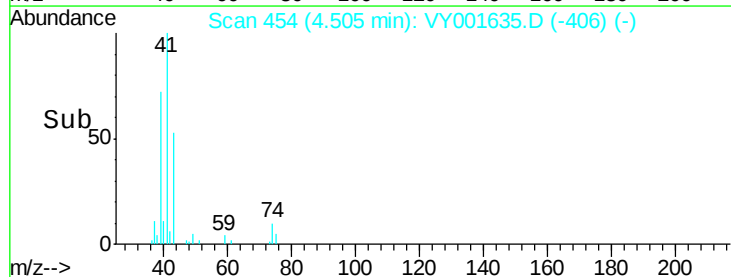
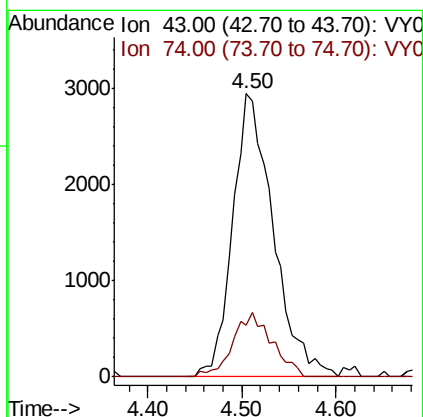
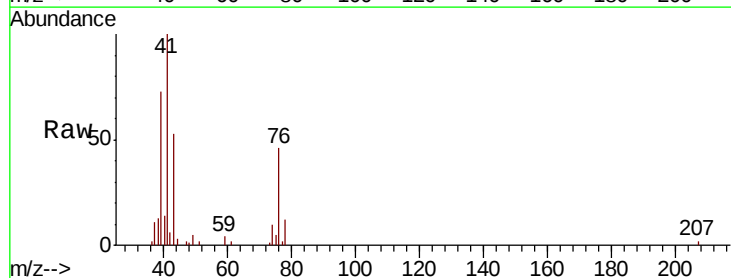
Instrument :  
MSVOA\_Y  
ClientSampled :

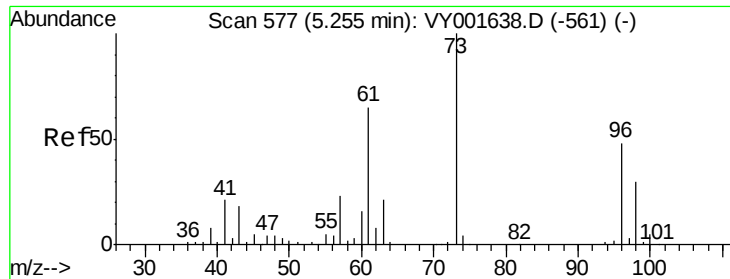
Tot Ion: 76 Resp: 35696  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 6.659 ug/l  
RT: 4.50 min Scan# 454  
Delta R.T. -0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 43 Resp: 8818  
Ion Ratio Lower Upper  
43 100  
74 21.9 18.2 27.4

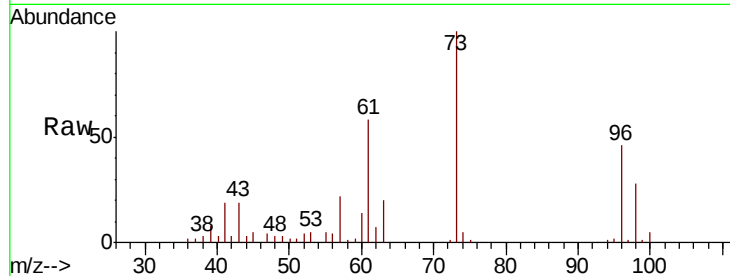




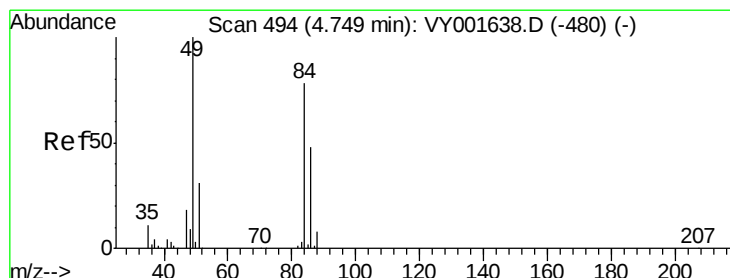
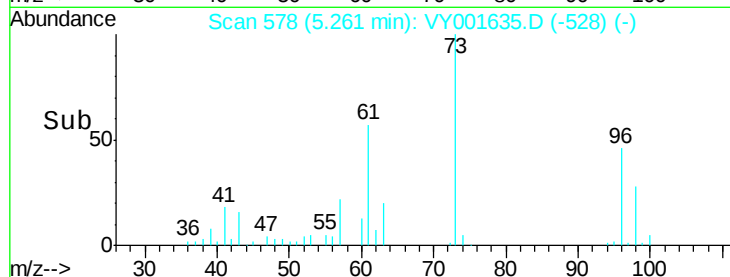
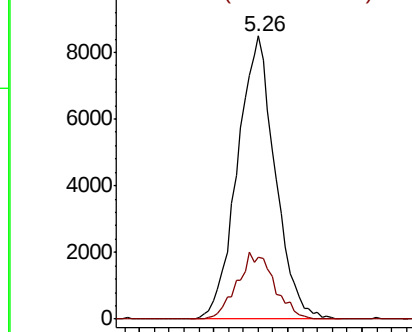
#19  
Methvl tert-butvl Ether  
Concen: 5.264 ug/l  
RT: 5.26 min Scan# 578  
Delta R.T. 0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 73 Resp: 30067  
Ion Ratio Lower Upper  
73 100  
57 22.0 18.6 27.8

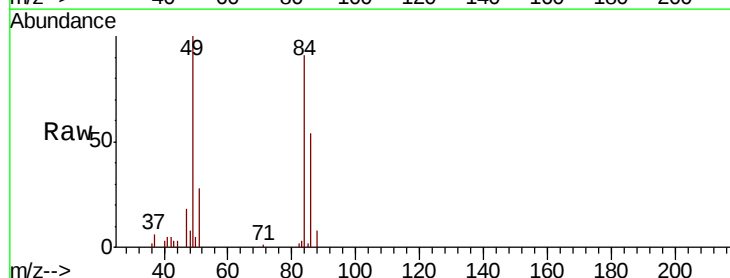


Abundance Ion 73.00 (72.70 to 73.70): VY0  
Ion 57.00 (56.70 to 57.70): VY0

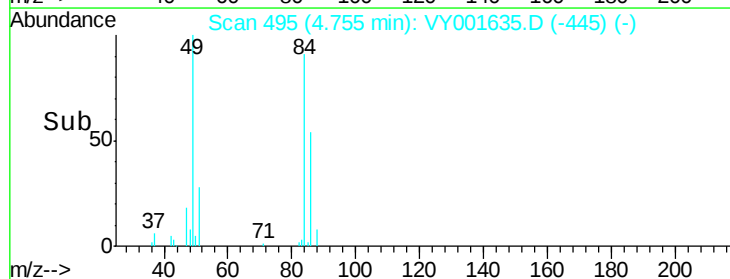
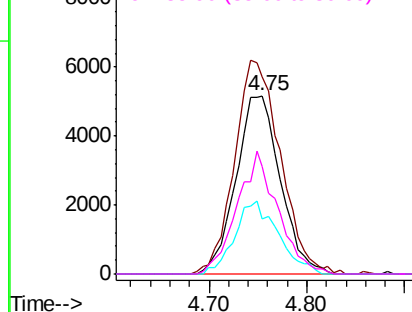


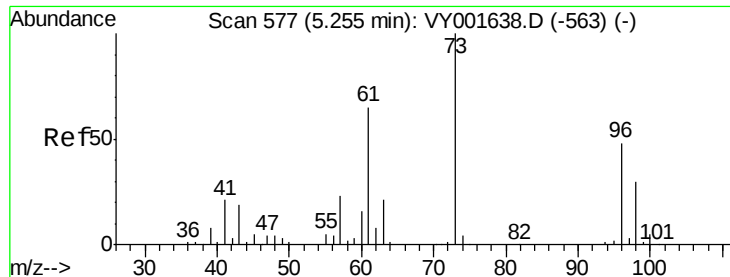
#20  
Methylene Chloride  
Concen: 6.163 ug/l  
RT: 4.75 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 84 Resp: 16259  
Ion Ratio Lower Upper  
84 100  
49 110.5 102.3 153.5  
51 30.9 31.4 47.2#  
86 60.1 49.0 73.6



Abundance Ion 83.90 (83.60 to 84.60): VY0  
Ion 48.90 (48.60 to 49.60): VY0  
Ion 50.90 (50.60 to 51.60): VY0  
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 5.250 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampleId :

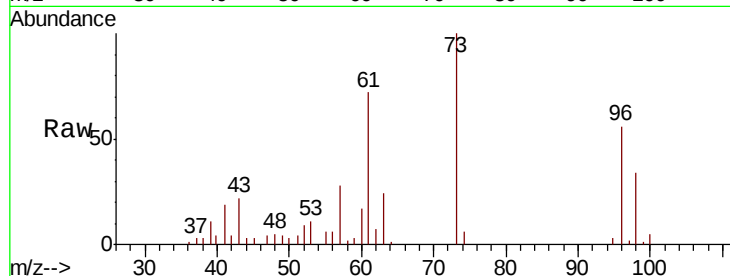
Tot Ion: 96 Resp: 12422

Ion Ratio Lower Upper

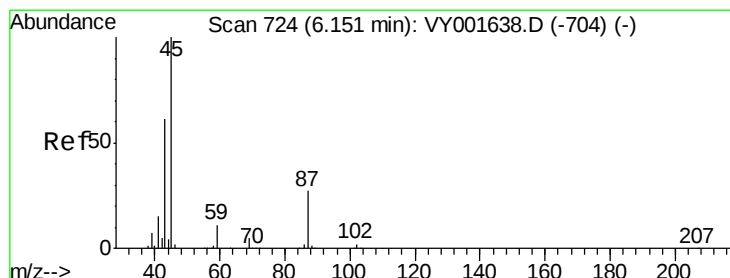
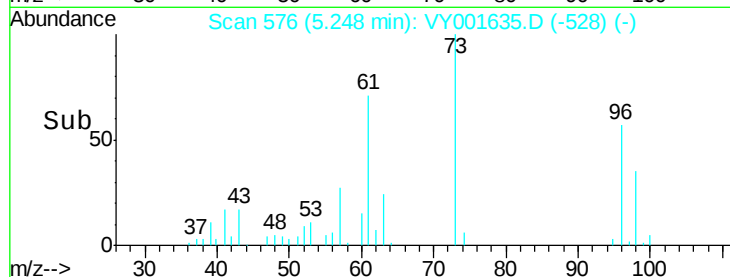
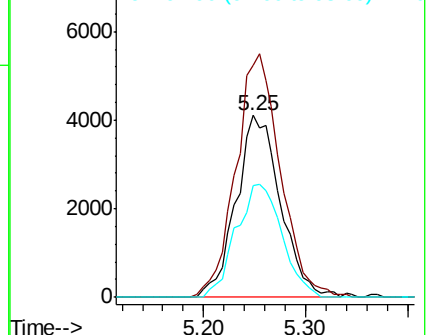
96 100

61 127.8 109.0 163.4

98 61.1 49.5 74.3



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: 5.815 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Tgt Ion: 45 Resp: 38746

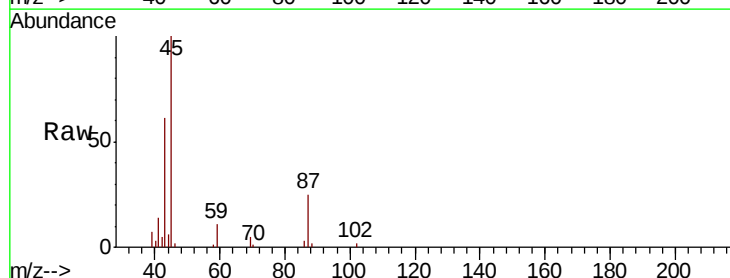
Ion Ratio Lower Upper

45 100

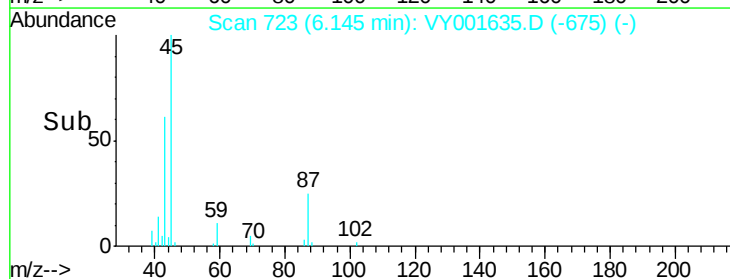
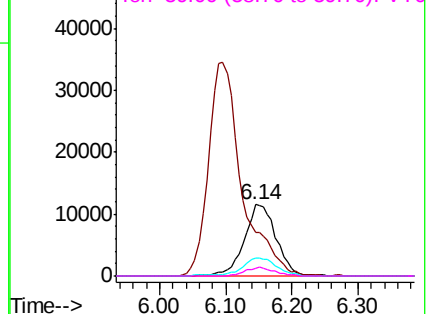
43 59.8 48.6 72.8

87 25.2 21.7 32.5

59 10.7 9.0 13.6



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: 28.213 ug/l

RT: 6.10 min Scan# 715

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

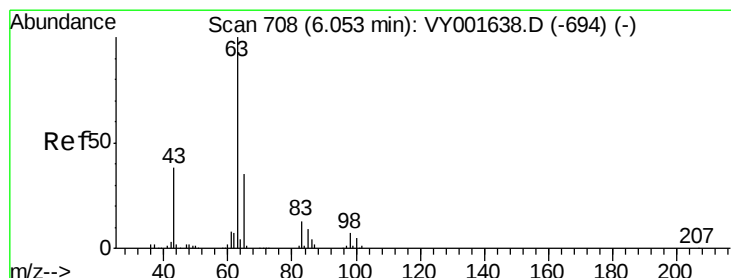
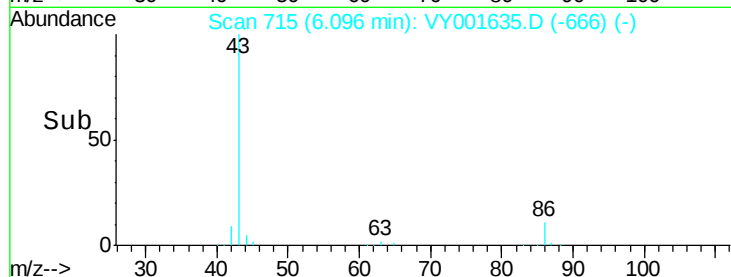
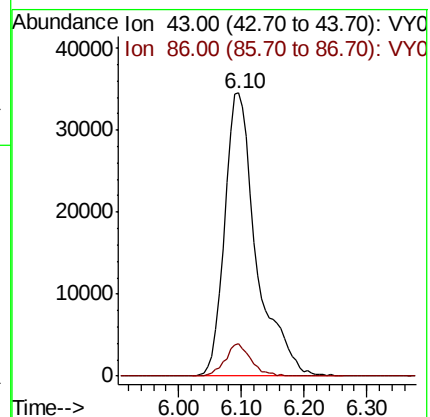
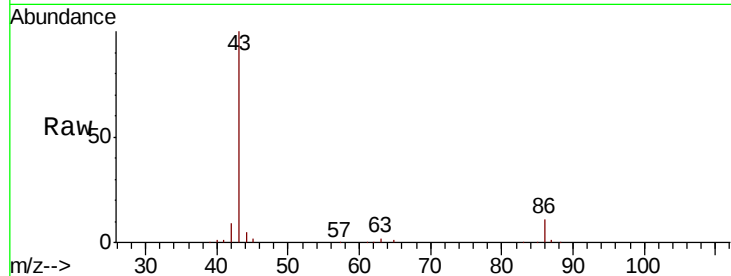
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 43 Resp: 121052

Ion Ratio Lower Upper

43 100

86 11.5 8.3 12.5



#24

1,1-Dichloroethane

Concen: 5.332 ug/l

RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

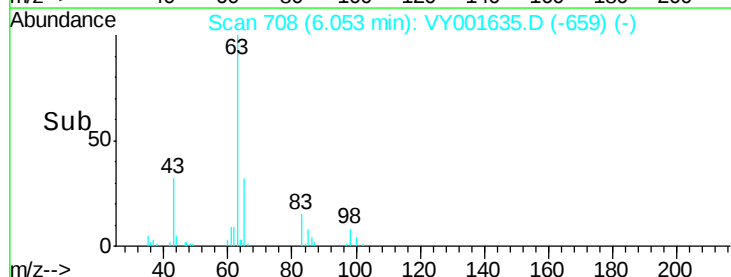
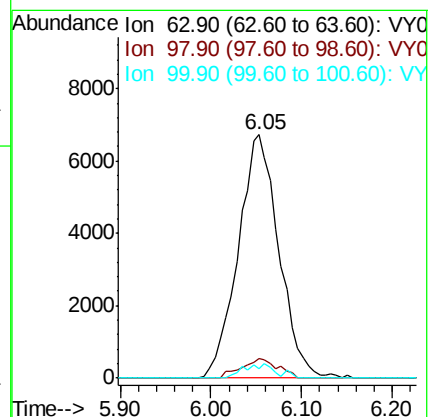
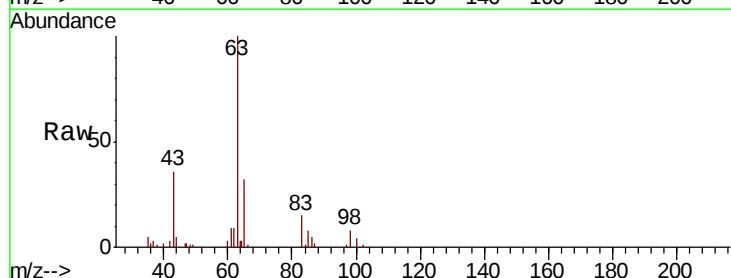
Tgt Ion: 63 Resp: 20891

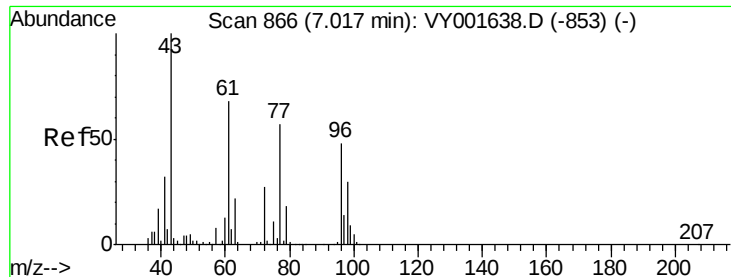
Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.2

100 3.9 2.3 6.9





#25

2-Butanone

Concen: 28.471 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

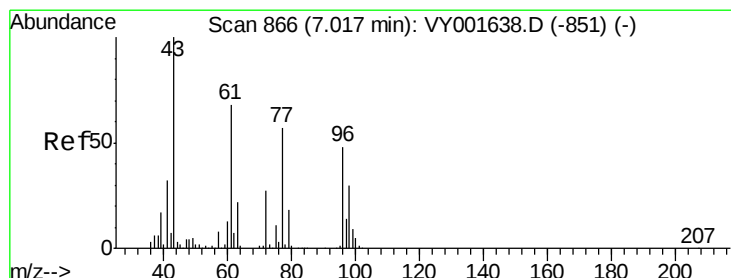
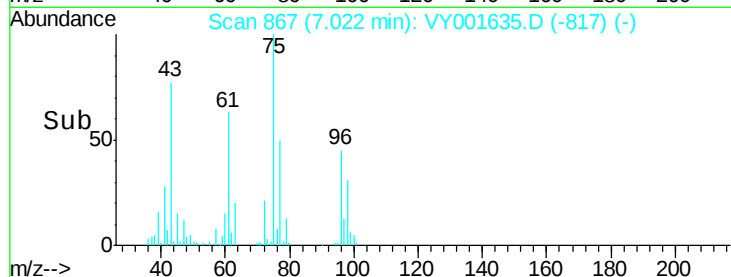
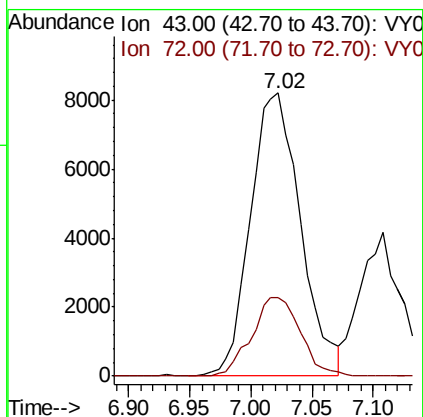
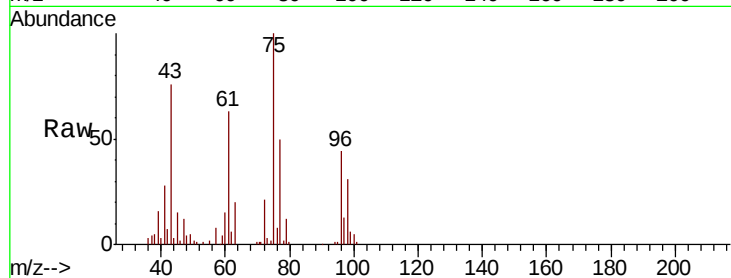
ClientSampleId :

Tot Ion: 43 Resp: 23422

Ion Ratio Lower Upper

43 100

72 27.6 21.3 31.9



#26

2,2-Dichloropropane

Concen: 5.258 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001635.D

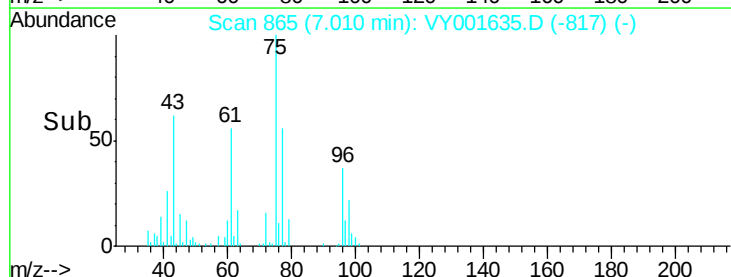
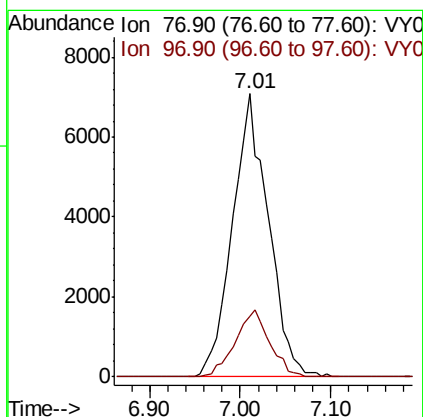
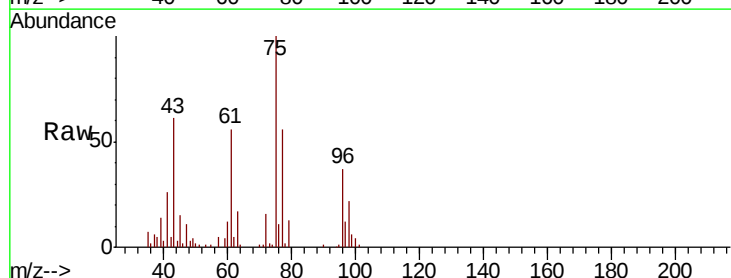
Acq: 17 Feb 2020 10:03

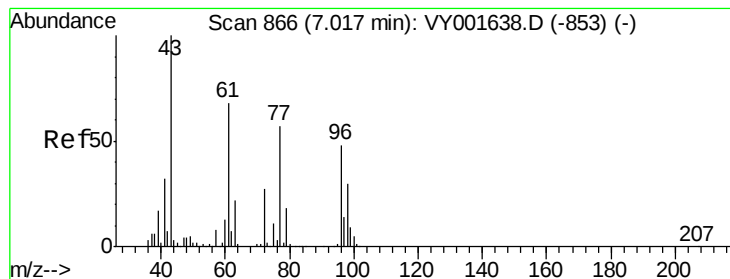
Tgt Ion: 77 Resp: 19404

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.5



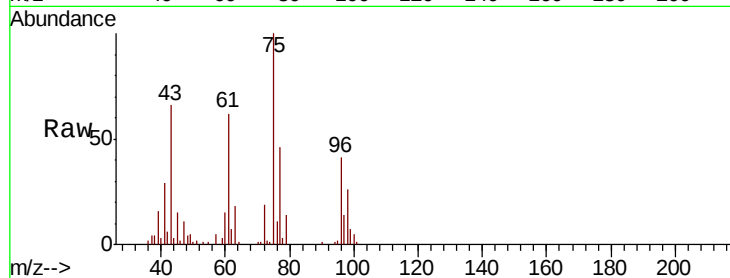


#27

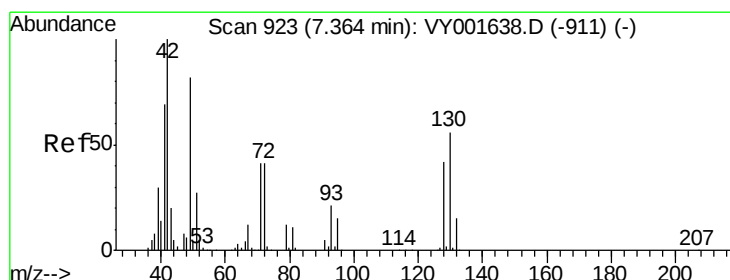
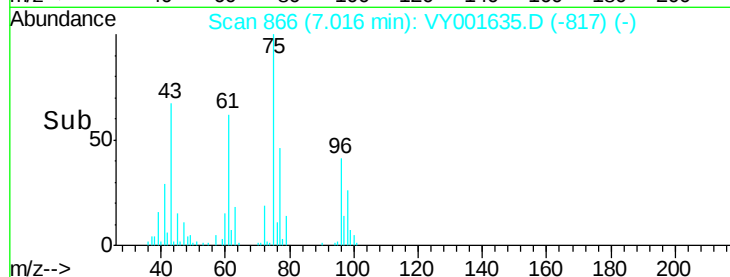
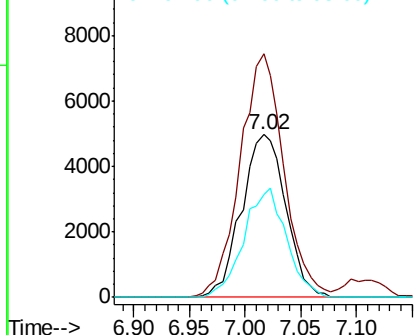
cis-1,2-Dichloroethene  
Concen: 5.323 ug/l  
RT: 7.02 min Scan# 866  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tot Ion | 96    | Resp  | 13787 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 147.7 | 0.0   | 291.4 |
| 98      | 64.4  | 0.0   | 128.6 |



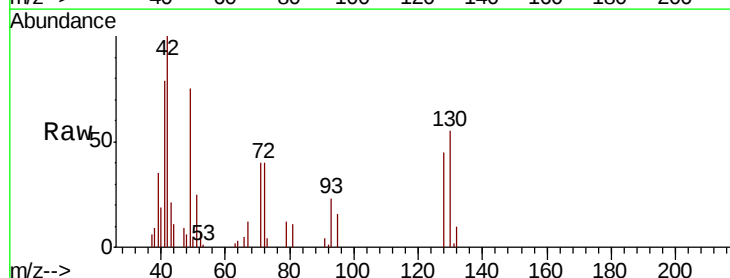
Abundance Ion 95.90 (95.60 to 96.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 97.90 (97.60 to 98.60): VY0



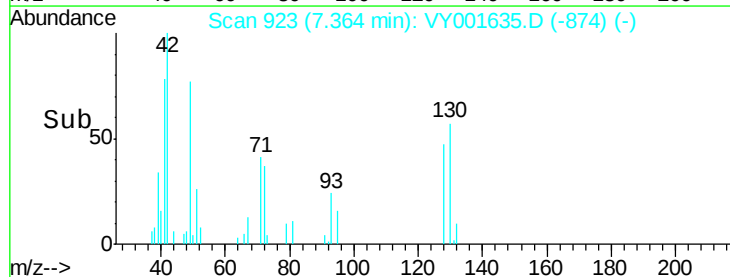
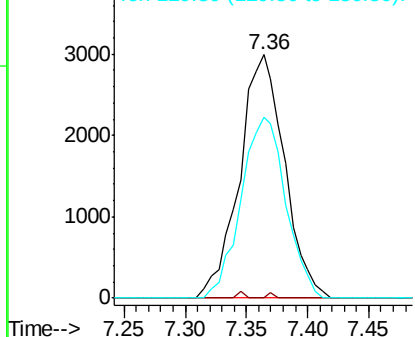
#28

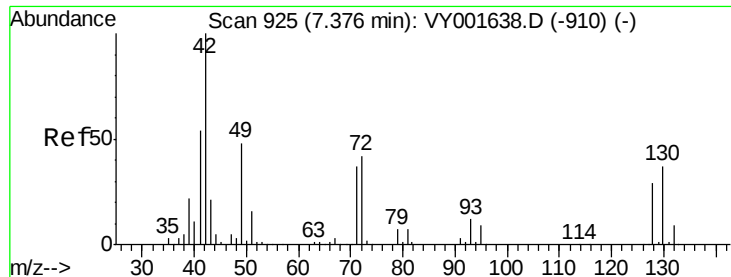
Bromochloromethane  
Concen: 5.530 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

| Tgt Ion | 49    | Resp  | 7646  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 0.3   | 0.0   | 4.0   |
| 130     | 74.0  | 56.4  | 84.6  |



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

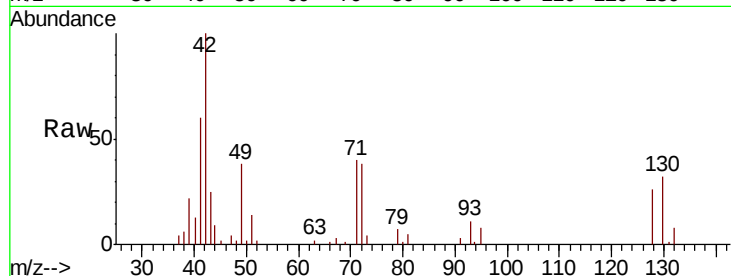




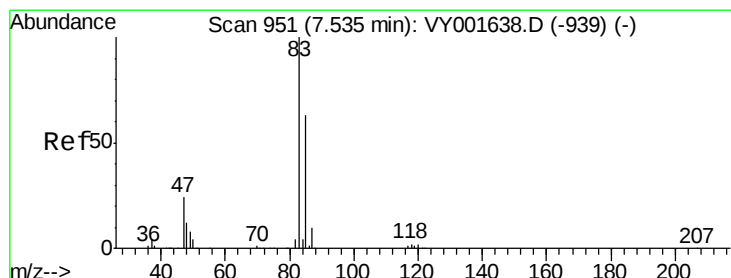
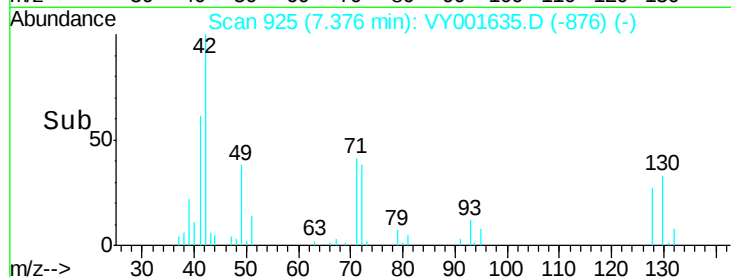
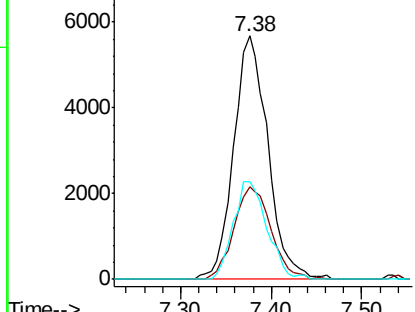
#29  
Tetrahydrofuran  
Concen: 30.622 ug/l  
RT: 7.38 min Scan# 925  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.1  | 33.2  | 49.8  |
| 71      | 39.6  | 31.0  | 46.6  |

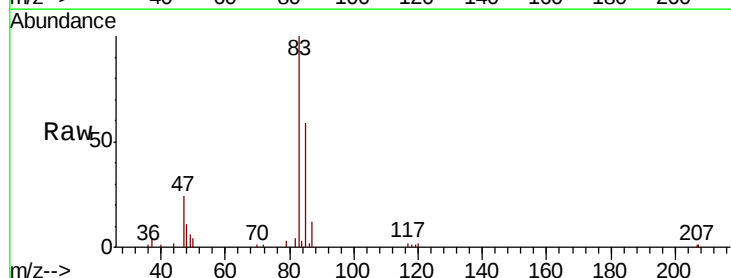


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

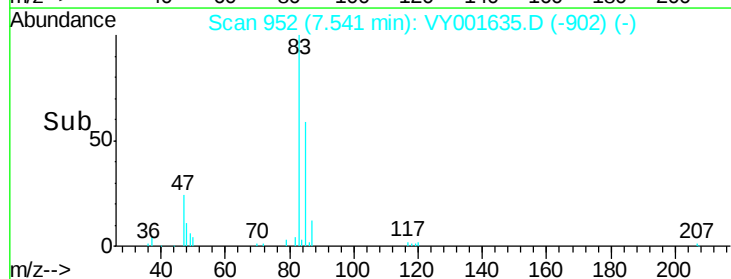
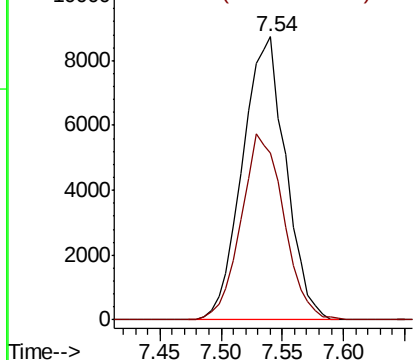


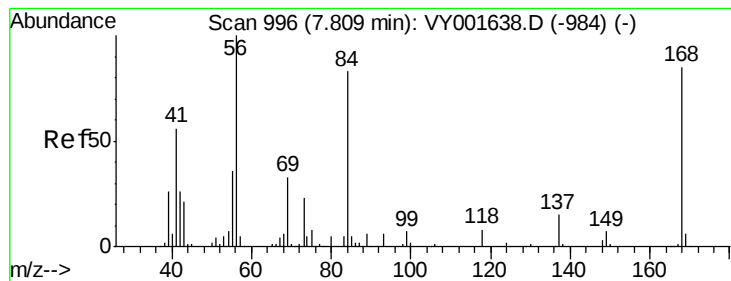
#30  
Chloroform  
Concen: 5.473 ug/l  
RT: 7.54 min Scan# 952  
Delta R.T. 0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 59.2  | 50.2  | 75.4  |



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





#31

Cyclohexane

Concen: 6.257 ug/l

RT: 7.81 min Scan# 996

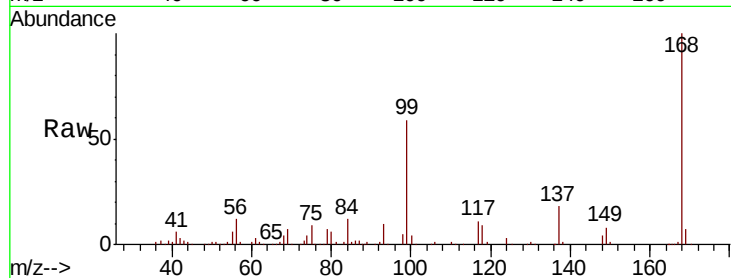
Delta R.T. -0.00 min

Lab File: VY001635.D

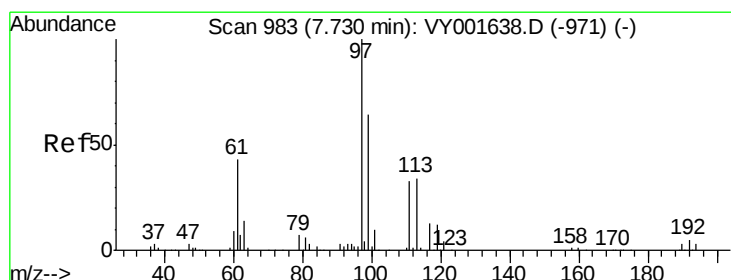
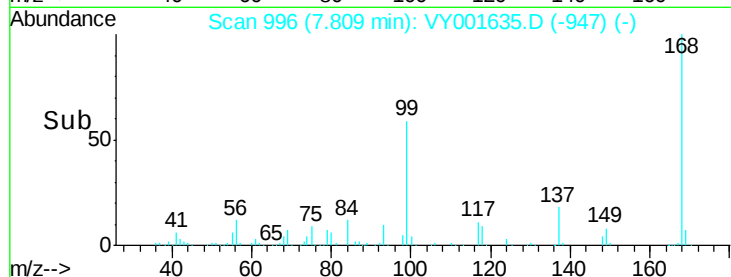
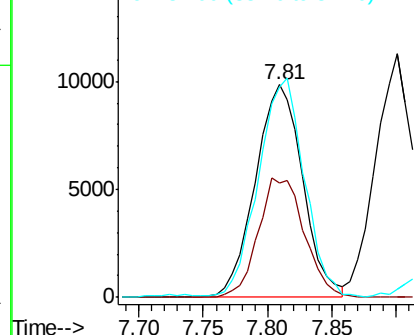
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 25181 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 53.9  | 26.3  | 39.5# |
| 84       | 98.1  | 66.6  | 99.8  |



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: 4.816 ug/l

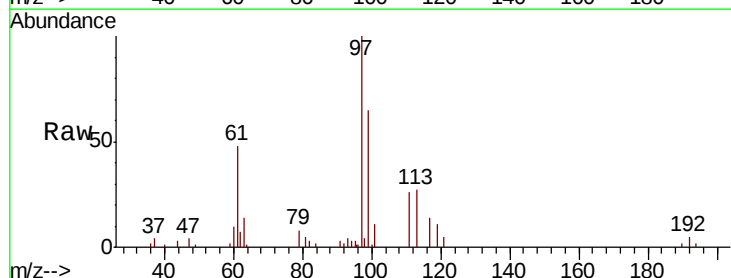
RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

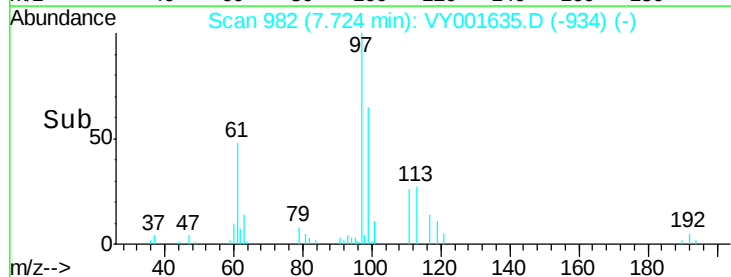
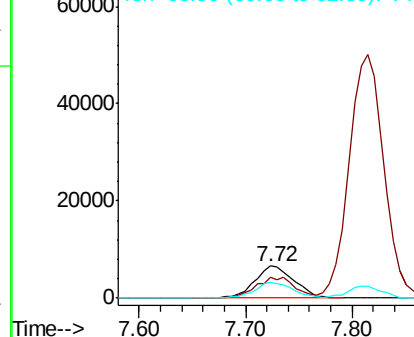
Lab File: VY001635.D

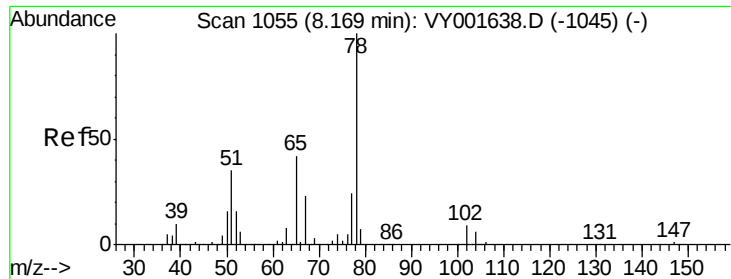
Acq: 17 Feb 2020 10:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 16958 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.5  | 51.3  | 76.9  |
| 61       | 47.5  | 35.2  | 52.8  |



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

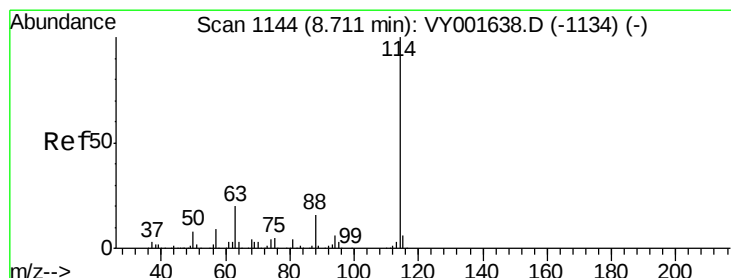
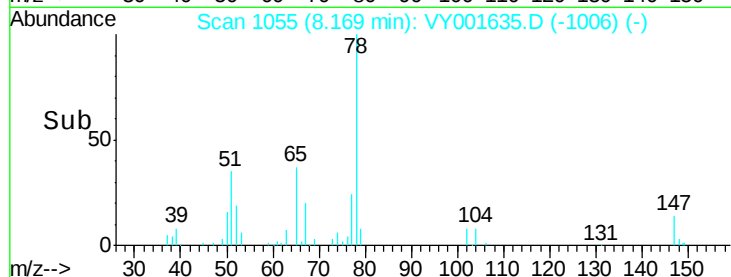
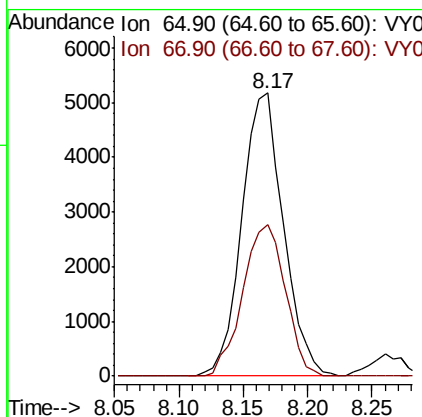
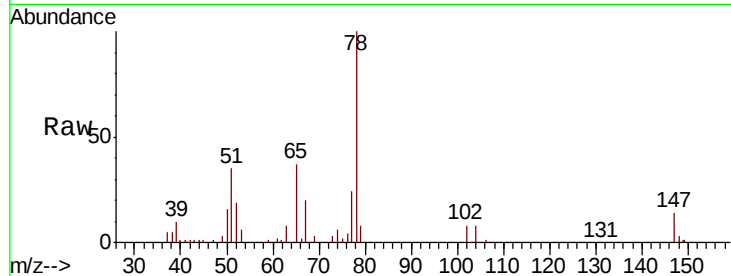




#33  
 1,2-Dichloroethane-d4  
 Concen: 5.637 ug/l  
 RT: 8.17 min Scan# 1055  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

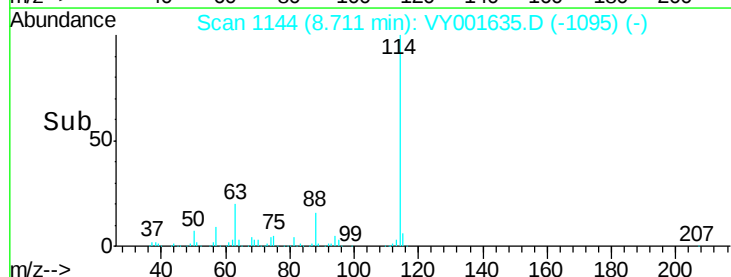
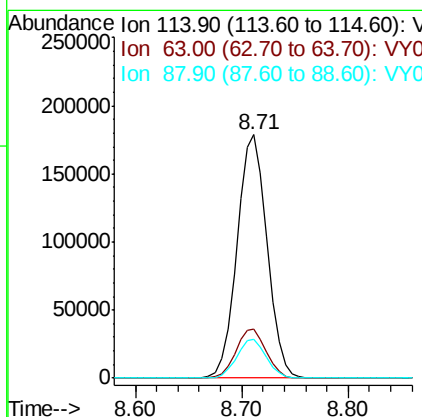
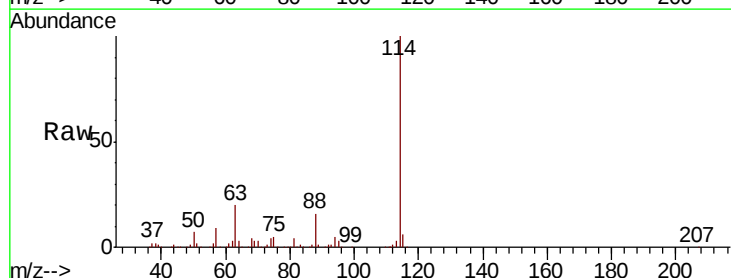
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

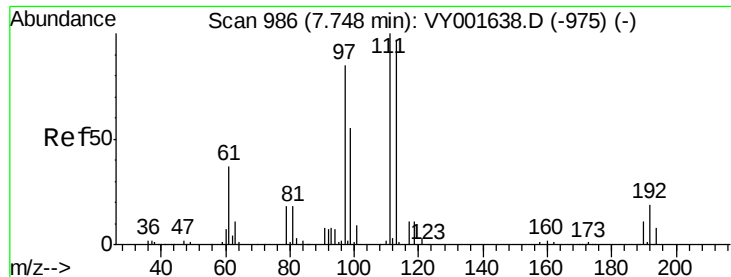
Tot Ion: 65 Resp: 11547  
 Ion Ratio Lower Upper  
 65 100  
 67 54.8 0.0 109.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1144  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion: 114 Resp: 352484  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 40.2  
 88 15.8 0.0 32.2

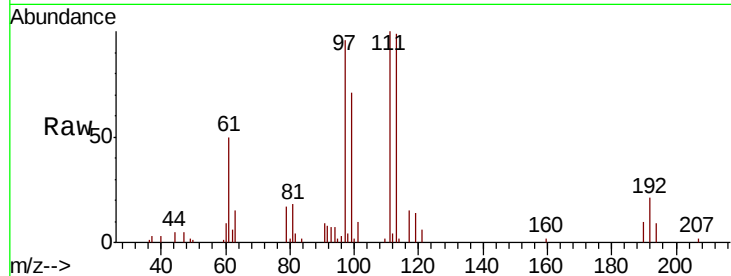




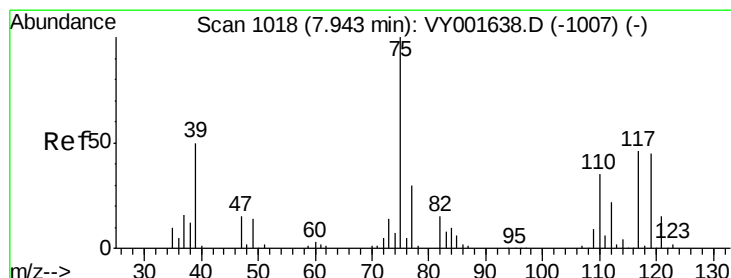
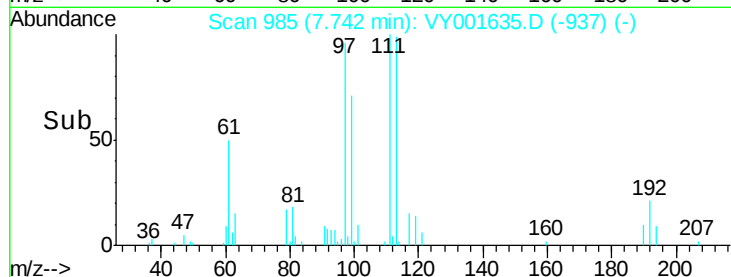
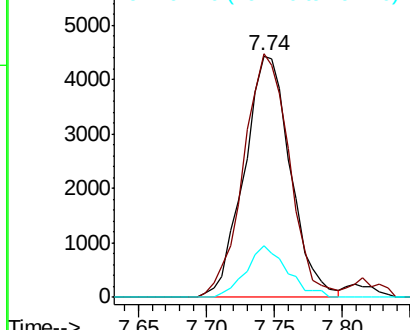
#35  
 Dibromofluoromethane  
 Concen: 5.216 ug/l  
 RT: 7.74 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.3 | 83.4  | 125.0 |
| 192     | 19.1  | 15.2  | 22.8  |

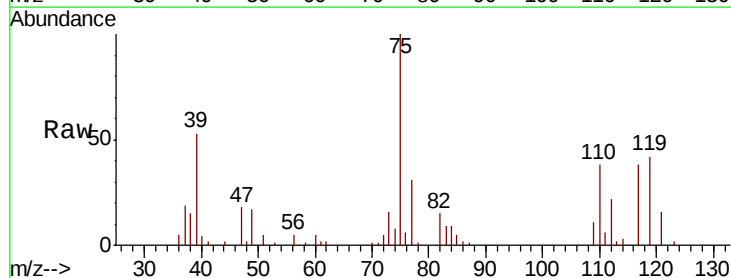


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

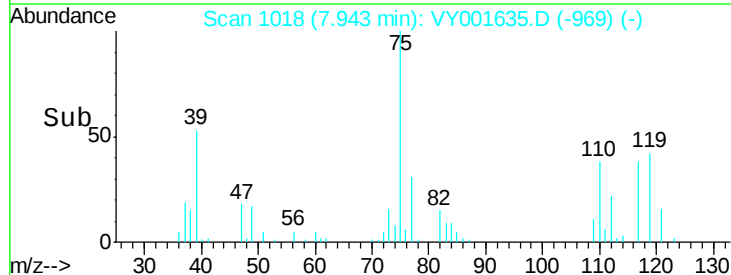
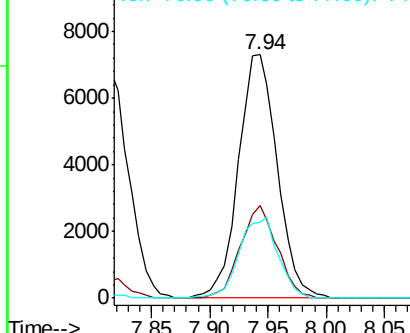


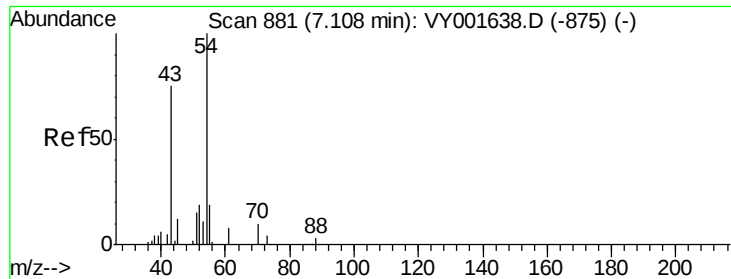
#36  
 1,1-Dichloropropene  
 Concen: 5.254 ug/l  
 RT: 7.94 min Scan# 1018  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.9  | 17.6  | 52.8  |
| 77      | 33.2  | 24.4  | 36.6  |



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

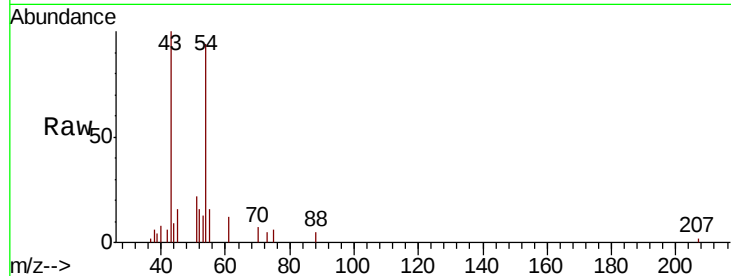




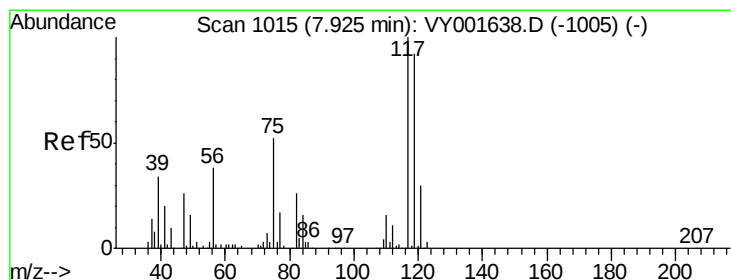
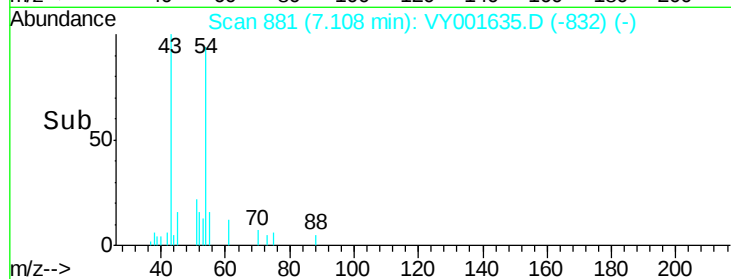
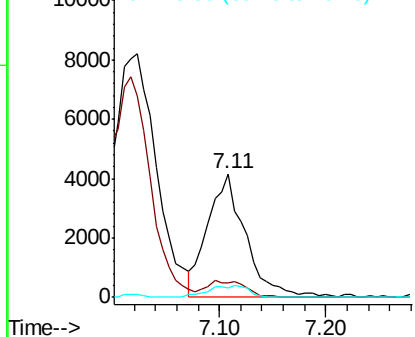
#37  
Ethyl Acetate  
Concen: 6.203 ug/l  
RT: 7.11 min Scan# 881  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 43 Resp: 10224  
Ion Ratio Lower Upper  
43 100  
61 13.6 11.4 17.0  
70 5.5 8.6 12.8#

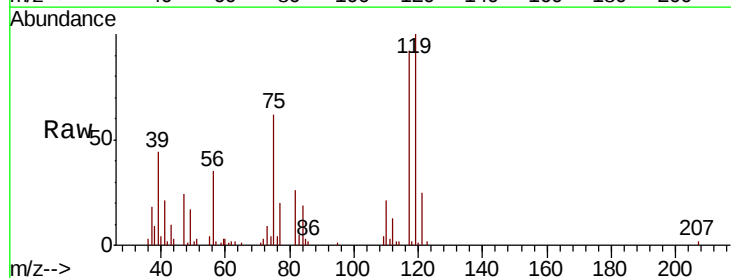


Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 60.90 (60.60 to 61.60): VY0  
Ion 70.00 (69.70 to 70.70): VY0

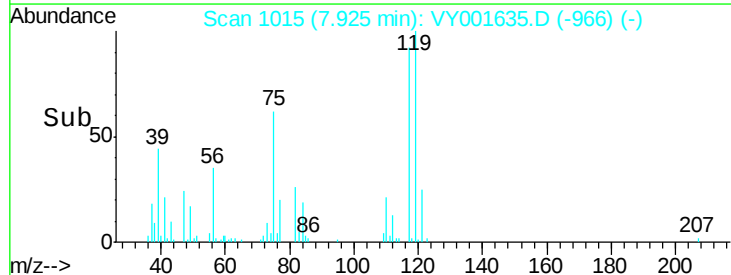
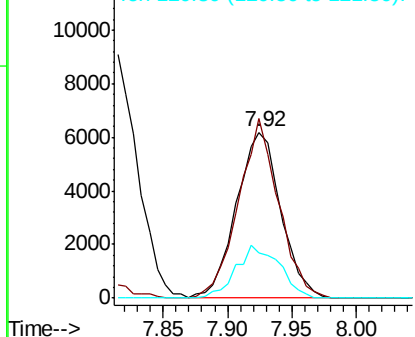


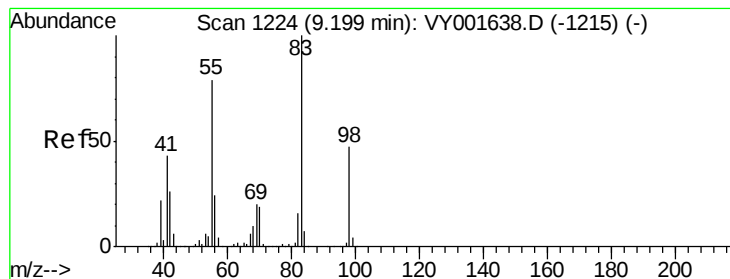
#38  
Carbon Tetrachloride  
Concen: 4.797 ug/l  
RT: 7.92 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 117 Resp: 14808  
Ion Ratio Lower Upper  
117 100  
119 108.5 73.4 110.0  
121 27.2 23.7 35.5



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

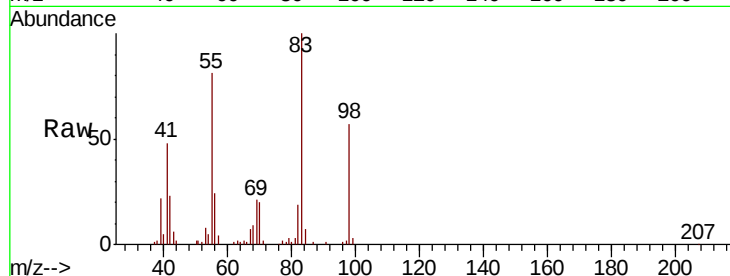




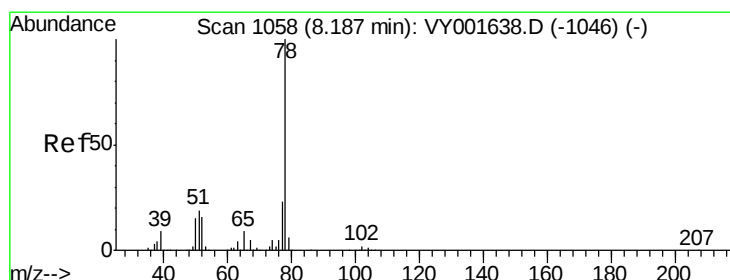
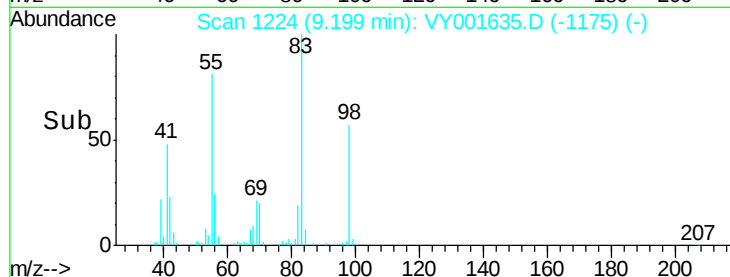
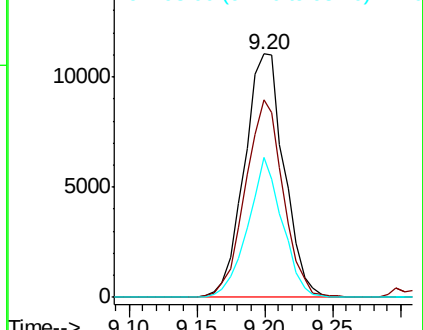
#39  
Methvlcvclohexane  
Concen: 5.306 ug/l  
RT: 9.20 min Scan# 1224  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion: 83 Resp: 22615  
Ion Ratio Lower Upper  
83 100  
55 81.0 63.3 94.9  
98 57.3 37.9 56.9#

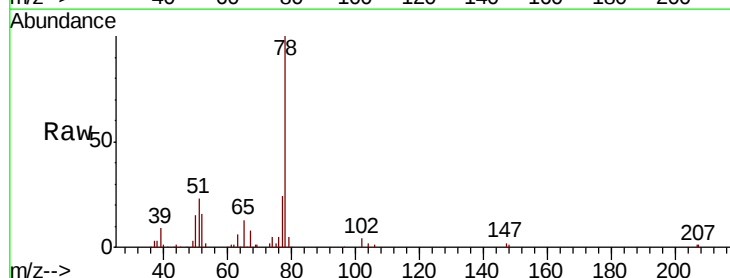


Abundance Ion 83.00 (82.70 to 83.70): VY0  
15000 Ion 55.00 (54.70 to 55.70): VY0  
Ion 98.00 (97.70 to 98.70): VY0

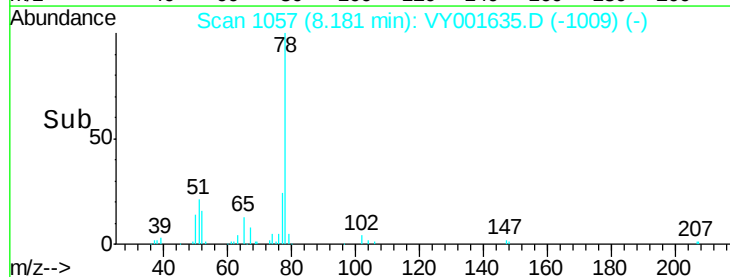
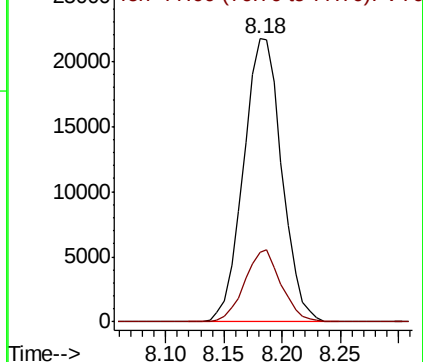


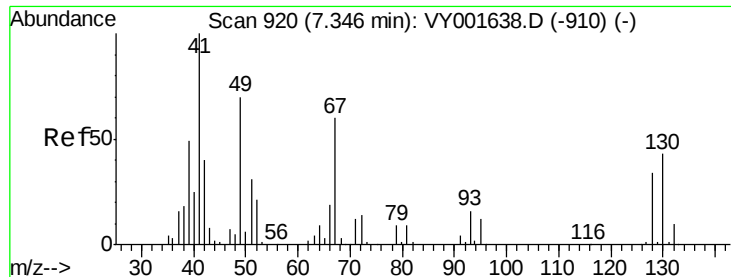
#40  
Benzene  
Concen: 5.347 ug/l  
RT: 8.18 min Scan# 1057  
Delta R.T. -0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 78 Resp: 49703  
Ion Ratio Lower Upper  
78 100  
77 24.4 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VY0  
25000 Ion 77.00 (76.70 to 77.70): VY0

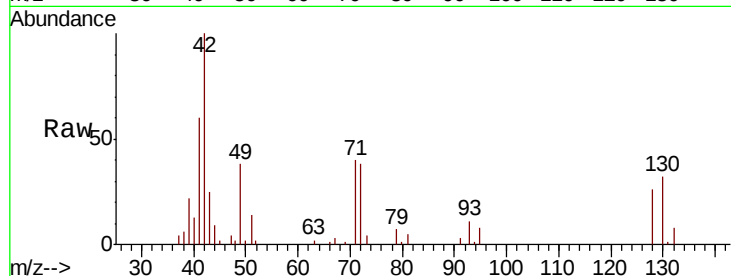




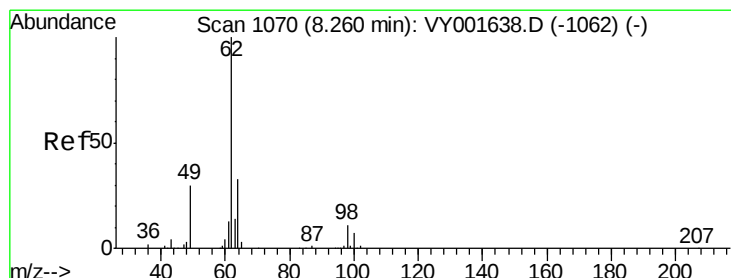
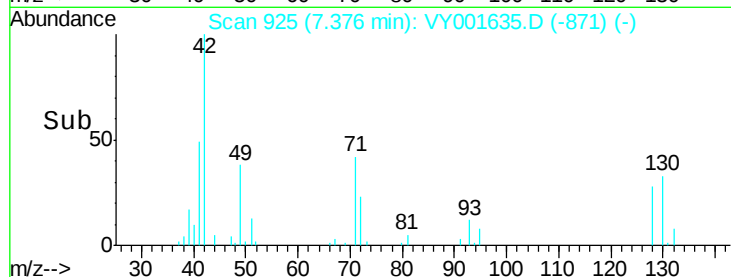
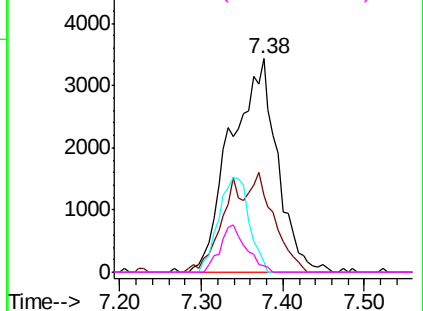
#41  
Methacrylonitrile  
Concen: 18.430 ug/l  
RT: 7.38 min Scan# 925  
Delta R.T. 0.03 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 41 Resp: 13601  
Ion Ratio Lower Upper  
41 100  
39 25.7 114.2 171.4#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

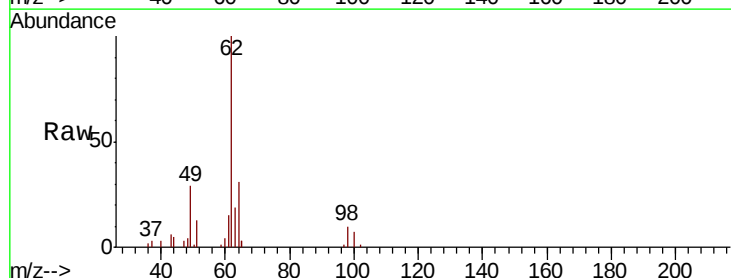


Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0  
Ion 67.00 (66.70 to 67.70): VY0  
Ion 52.00 (51.70 to 52.70): VY0

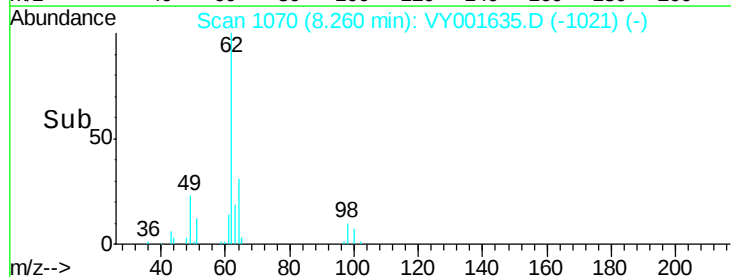
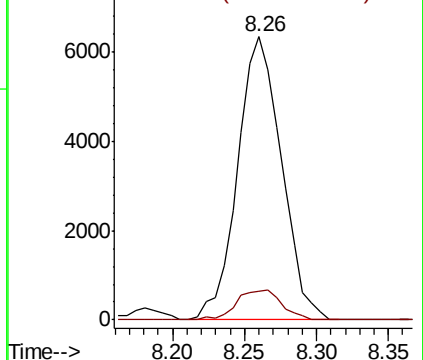


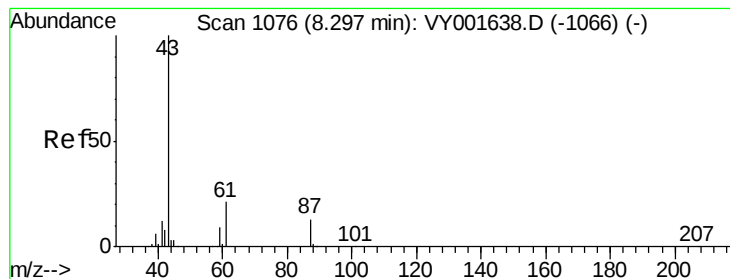
#42  
1,2-Dichloroethane  
Concen: 5.165 ug/l  
RT: 8.26 min Scan# 1070  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 62 Resp: 13397  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 21.4



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





#43

Isopropyl Acetate

Concen: 5.479 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampleId :

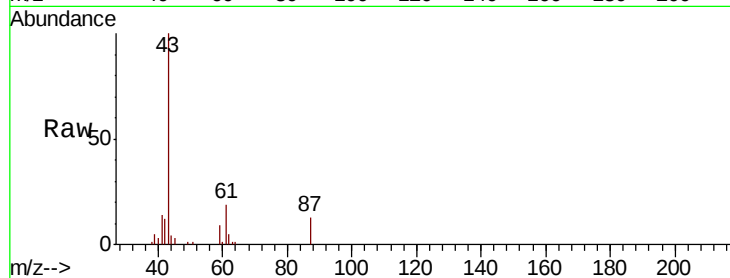
Tot Ion: 43 Resp: 17815

Ion Ratio Lower Upper

43 100

61 30.2 23.0 34.4

87 12.9 10.4 15.6

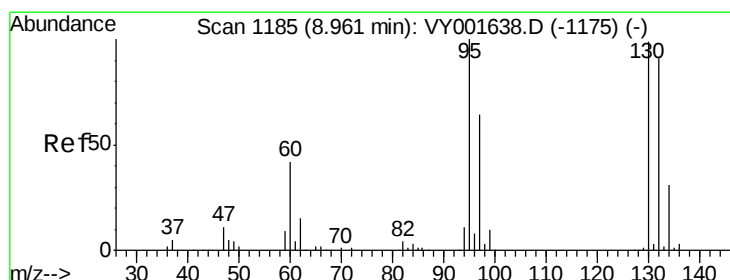
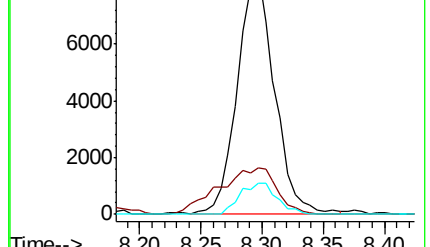
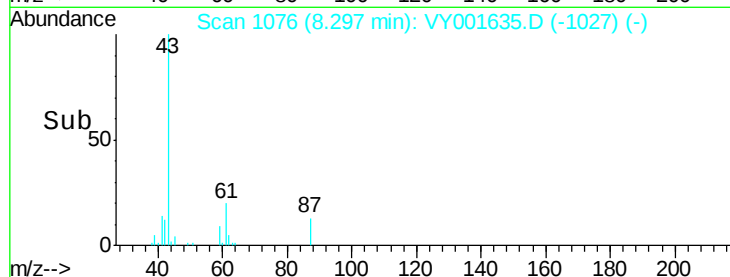


Abundance Ion 43.00 (42.70 to 43.70): VY001635.D (-1066) (-)

Ion 61.00 (60.70 to 61.70): VY001635.D (-1066) (-)

Ion 87.00 (86.70 to 87.70): VY001635.D (-1066) (-)

8.30



#44

Trichloroethene

Concen: 5.135 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY001635.D

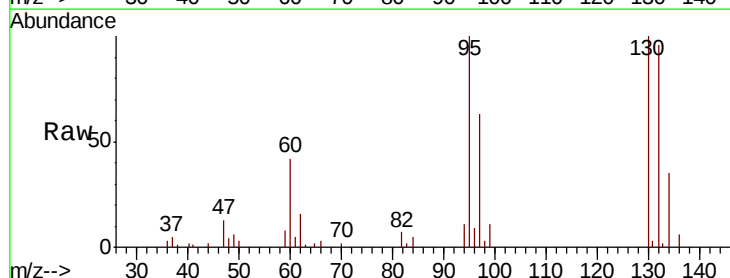
Acq: 17 Feb 2020 10:03

Tgt Ion:130 Resp: 12705

Ion Ratio Lower Upper

130 100

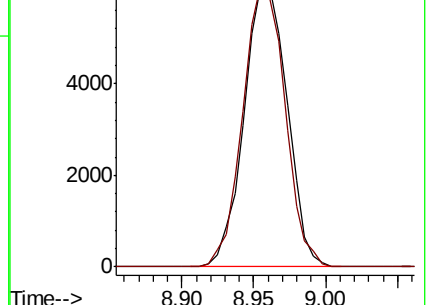
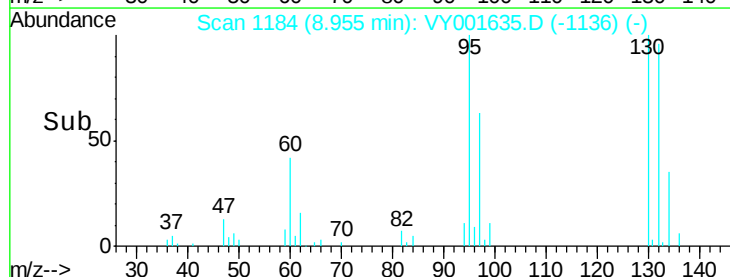
95 100.2 0.0 203.0

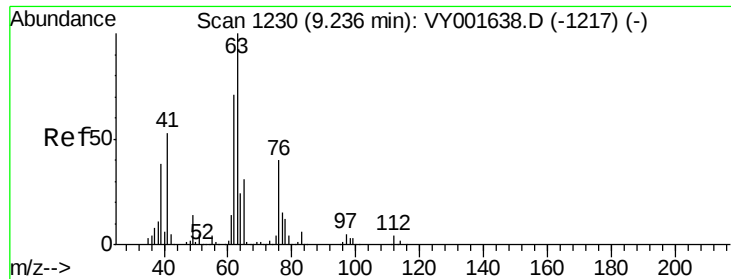


Abundance Ion 129.80 (129.50 to 130.50): VY001635.D (-1136) (-)

Ion 94.90 (94.60 to 95.60): VY001635.D (-1136) (-)

8.96

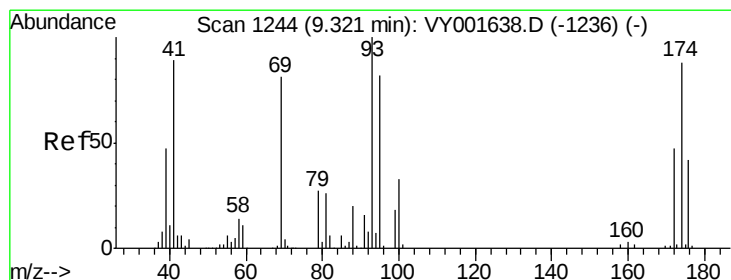
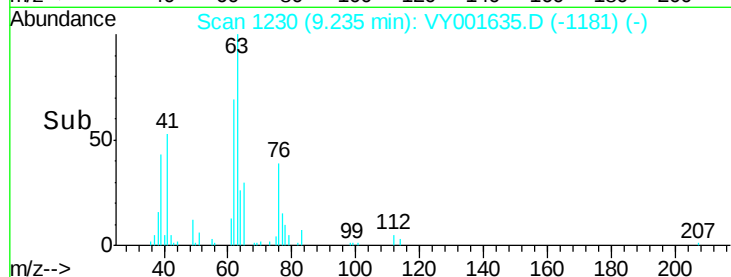
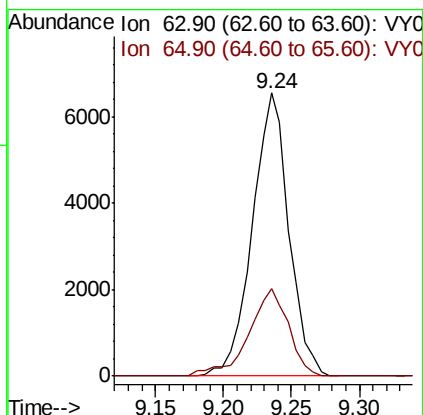
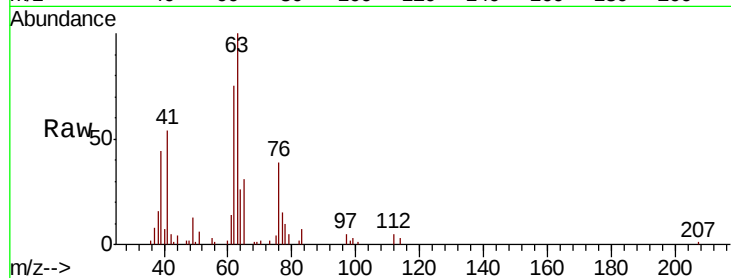




#45  
 1,2-Dichloropropane  
 Concen: 5.442 ug/l  
 RT: 9.24 min Scan# 1230  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

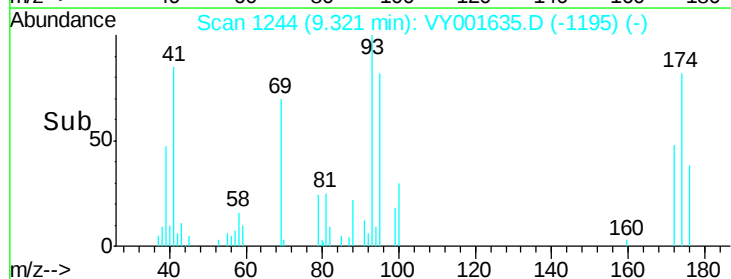
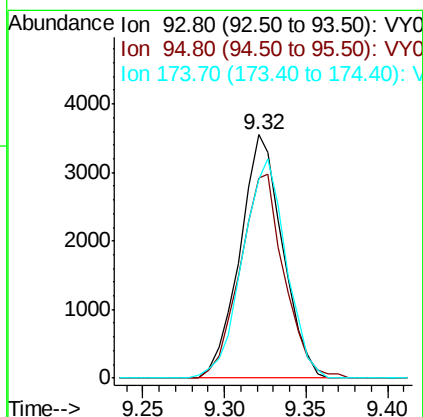
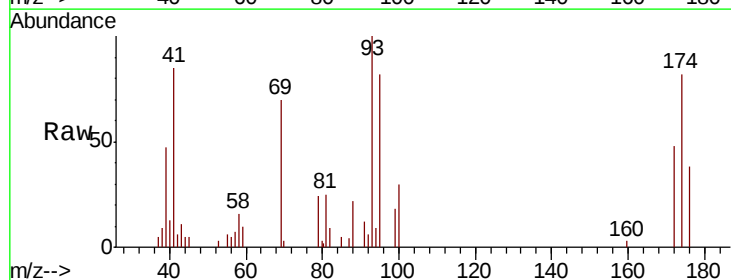
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

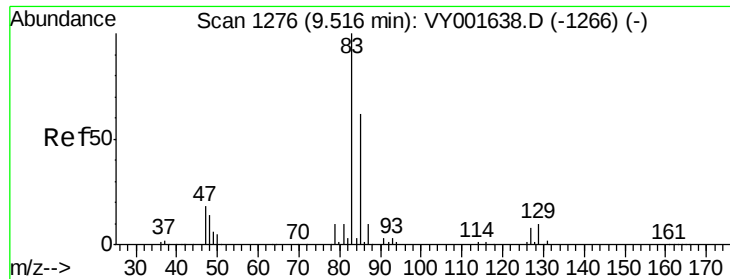
Tot Ion: 63 Resp: 12306  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 24.6 37.0



#46  
 Dibromomethane  
 Concen: 5.142 ug/l  
 RT: 9.32 min Scan# 1244  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion: 93 Resp: 6475  
 Ion Ratio Lower Upper  
 93 100  
 95 86.5 67.3 100.9  
 174 91.8 74.1 111.1





#47

Bromodichloromethane

Concen: 5.145 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampleId :

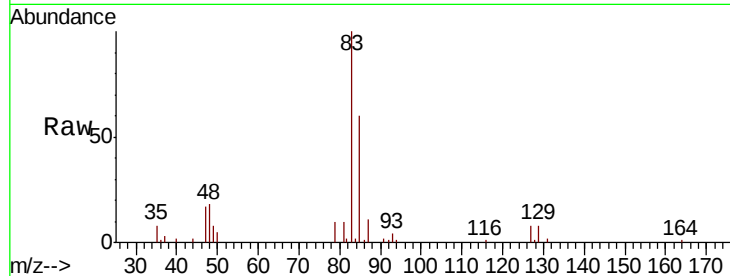
Tot Ion: 83 Resp: 15712

Ion Ratio Lower Upper

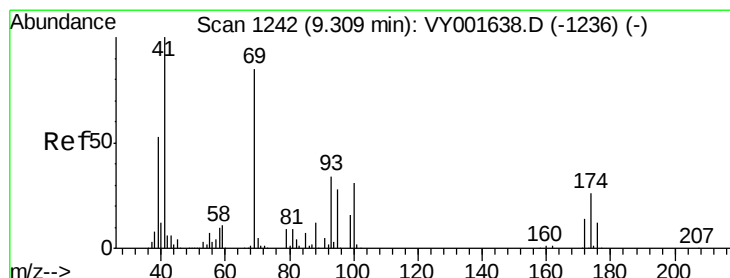
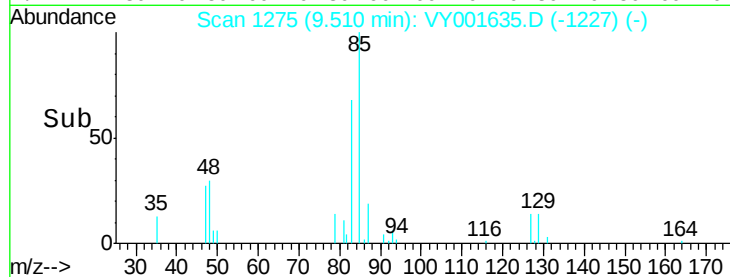
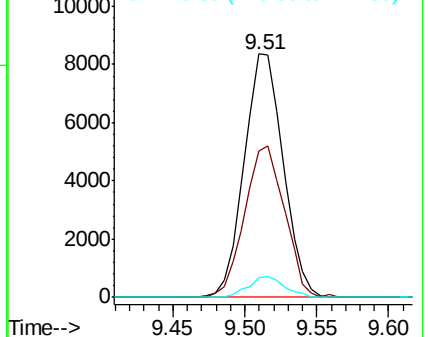
83 100

85 60.0 50.0 75.0

127 8.1 6.3 9.5



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



#48

Methyl methacrylate

Concen: 5.718 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

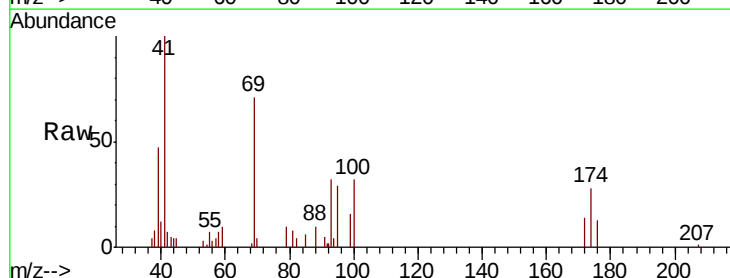
Tgt Ion: 41 Resp: 8419

Ion Ratio Lower Upper

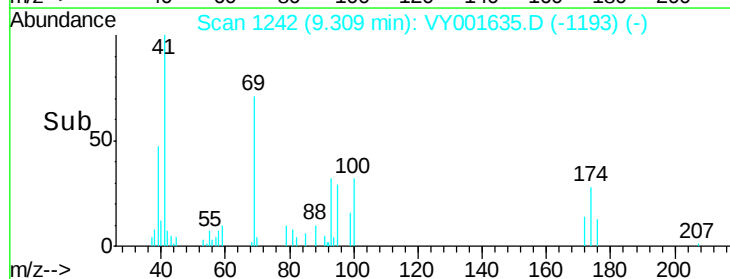
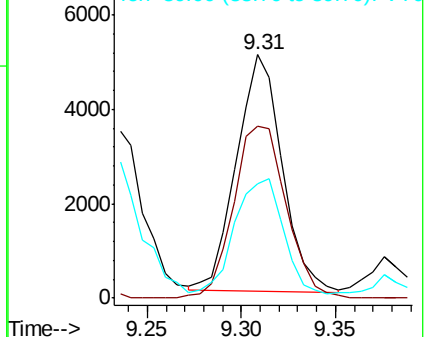
41 100

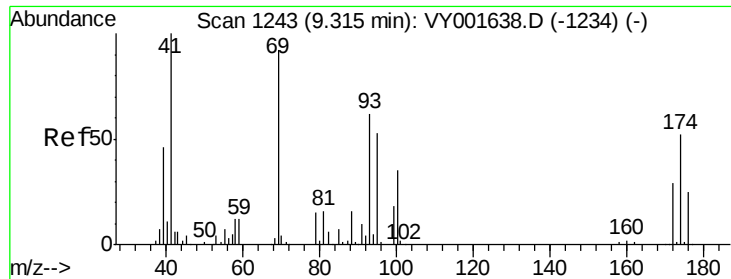
69 83.8 69.5 104.3

39 52.1 41.8 62.6



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

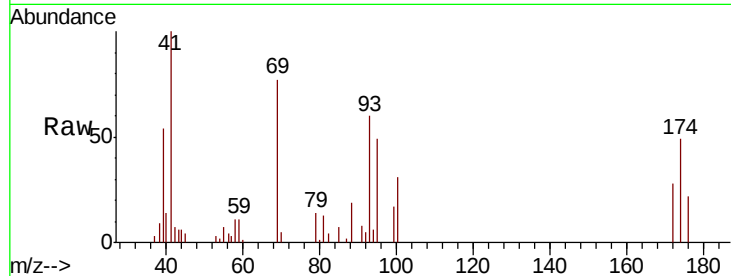




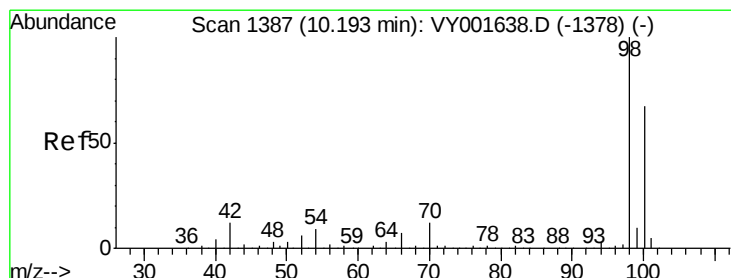
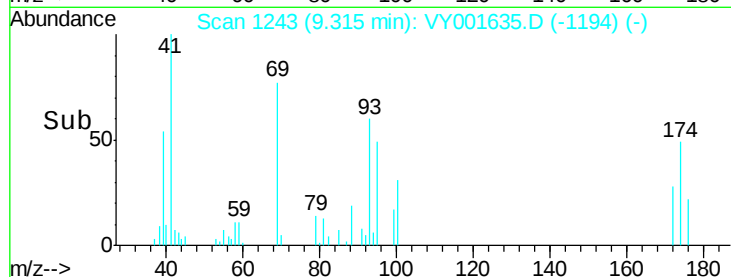
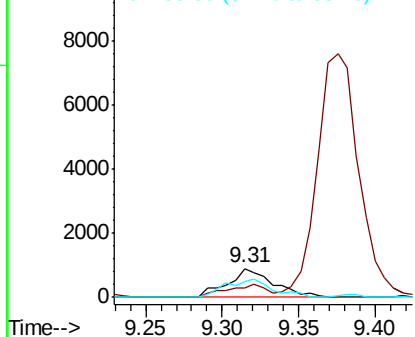
#49  
 1,4-Dioxane  
 Concen: 108.909 ug/l  
 RT: 9.31 min Scan# 1243  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Instrument :  
 MSVOA\_Y  
 ClientSampled :

Tot Ion: 88 Resp: 1847  
 Ion Ratio Lower Upper  
 88 100  
 43 37.8 27.6 41.4  
 58 64.4 60.4 90.6

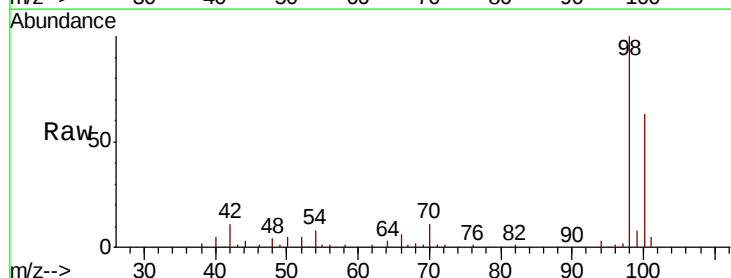


Abundance Ion 88.00 (87.70 to 88.70): VY0  
 Ion 43.00 (42.70 to 43.70): VY0  
 Ion 58.00 (57.70 to 58.70): VY0

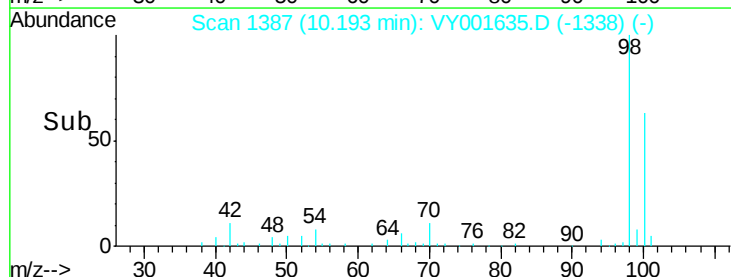
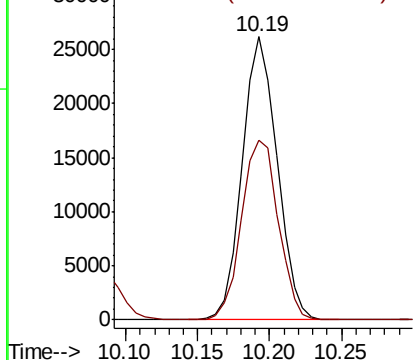


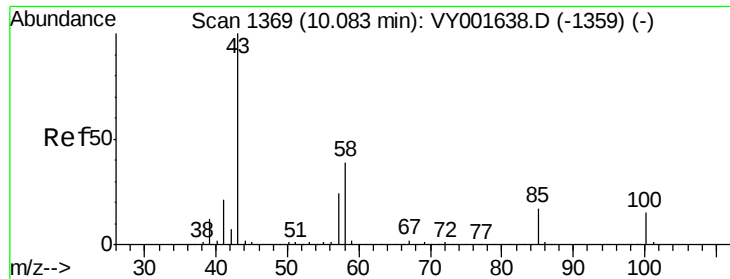
#50  
 Toluene-d8  
 Concen: 5.698 ug/l  
 RT: 10.19 min Scan# 1387  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion: 98 Resp: 43919  
 Ion Ratio Lower Upper  
 98 100  
 100 66.9 53.2 79.8



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

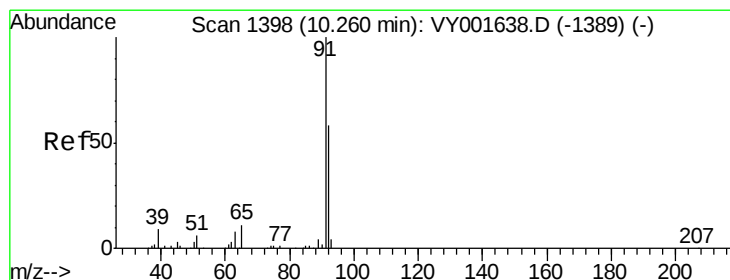
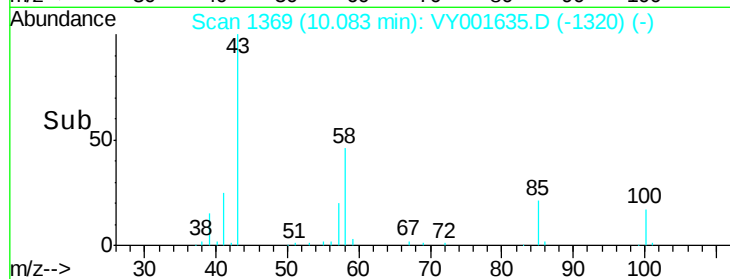
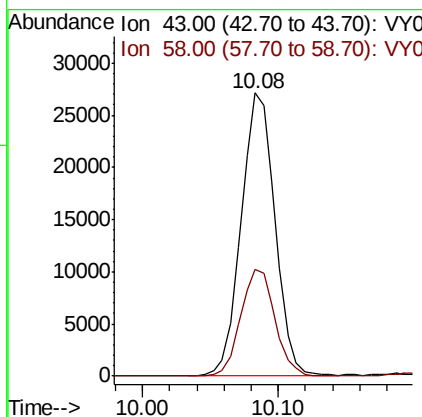
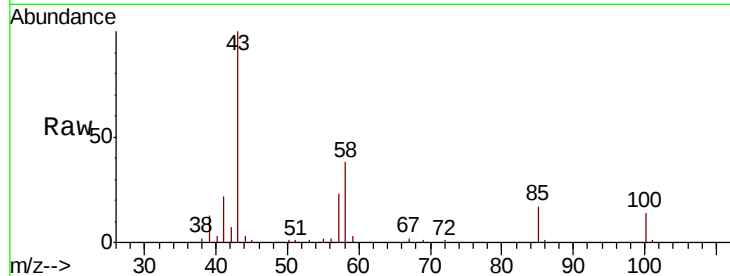




#51  
4-Methyl-2-Pentanone  
Concen: 29.168 ug/l  
RT: 10.08 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

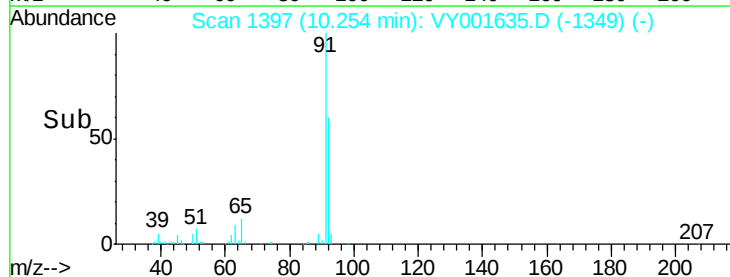
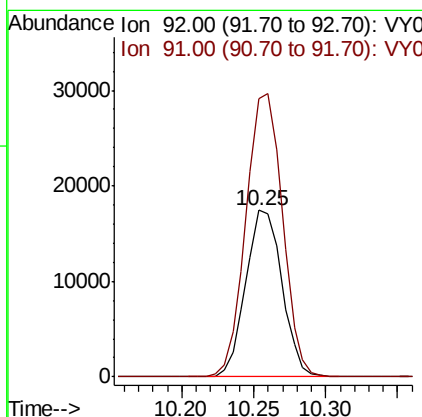
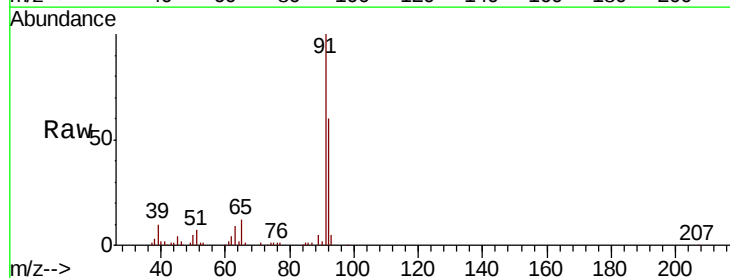
Instrument :  
MSVOA\_Y  
ClientSampled :

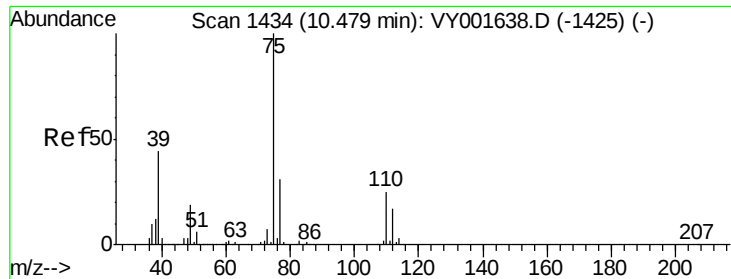
Tot Ion: 43 Resp: 47237  
Ion Ratio Lower Upper  
43 100  
58 38.1 31.4 47.2



#52  
Toluene  
Concen: 5.154 ug/l  
RT: 10.25 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 92 Resp: 30403  
Ion Ratio Lower Upper  
92 100  
91 171.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 4.828 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

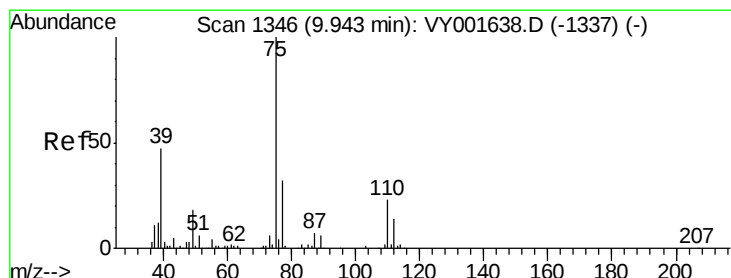
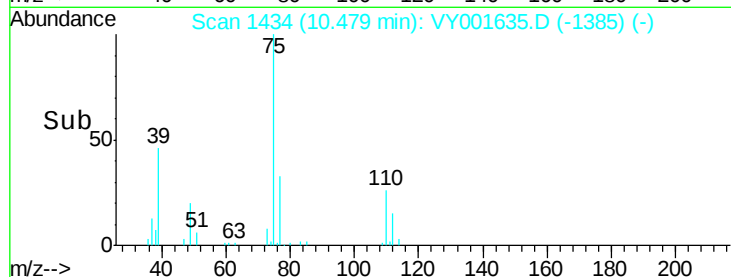
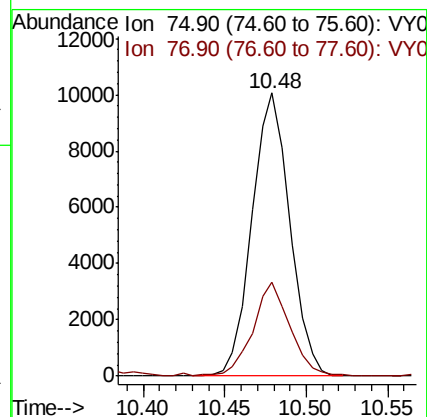
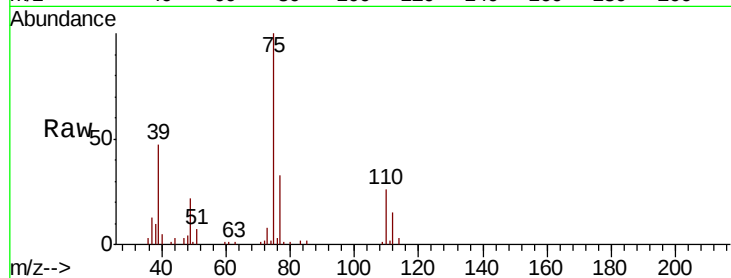
ClientSampled :

Tot Ion: 75 Resp: 16208

Ion Ratio Lower Upper

75 100

77 33.3 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 5.041 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

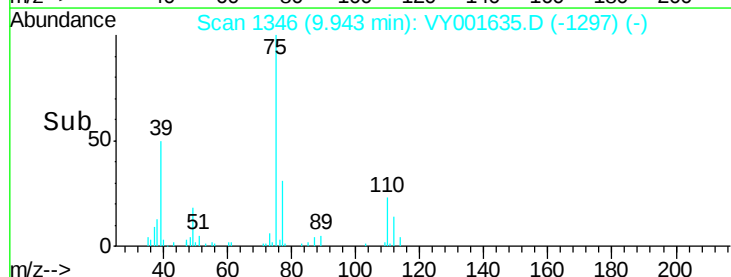
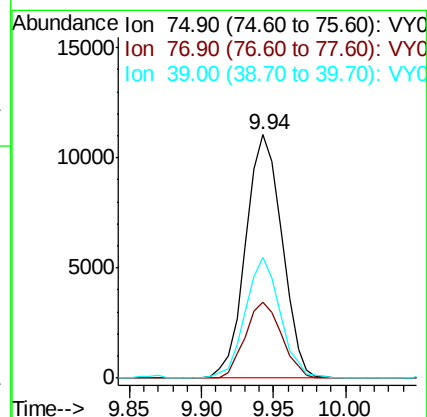
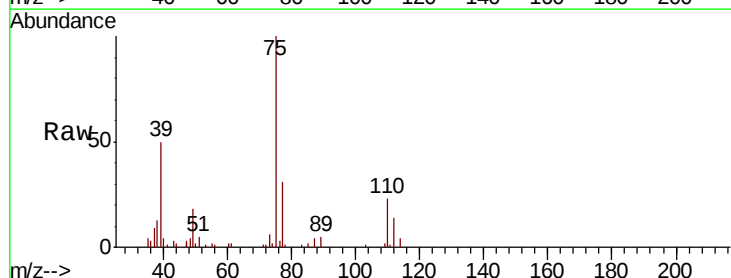
Tgt Ion: 75 Resp: 19318

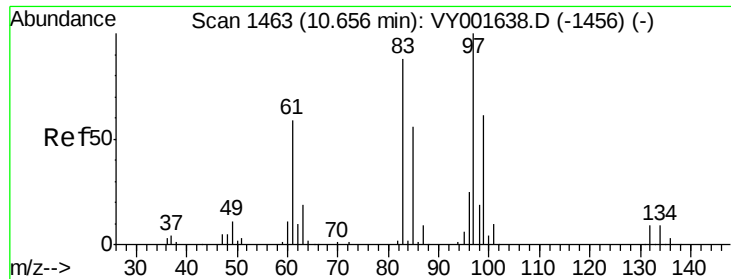
Ion Ratio Lower Upper

75 100

77 31.3 25.9 38.9

39 49.5 37.3 55.9

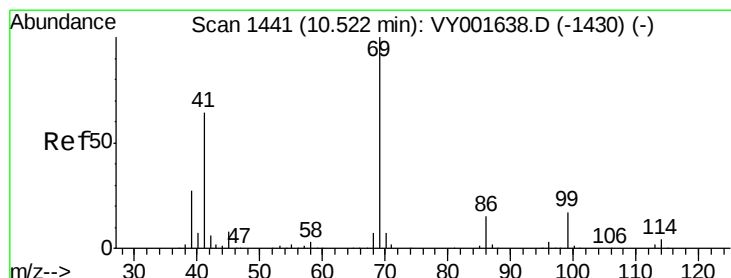
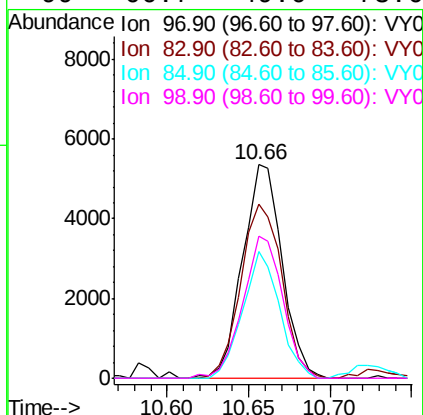
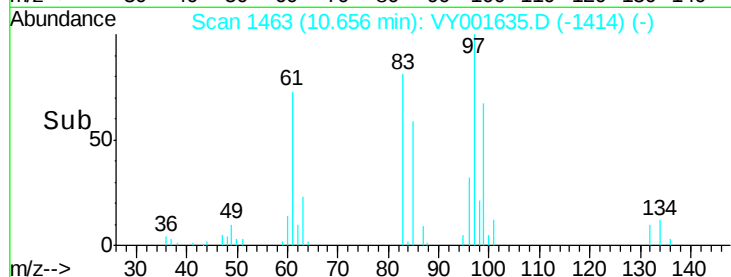
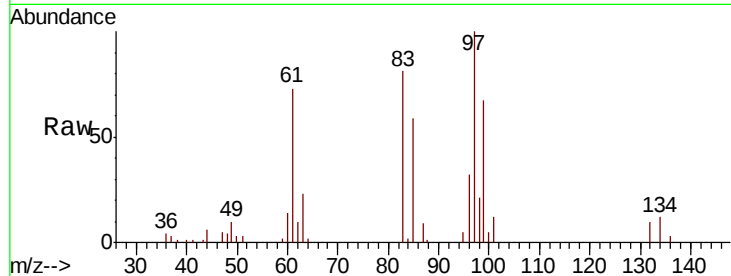




#55  
 1,1,2-Trichloroethane  
 Concen: 4.983 ug/l  
 RT: 10.66 min Scan# 1463  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

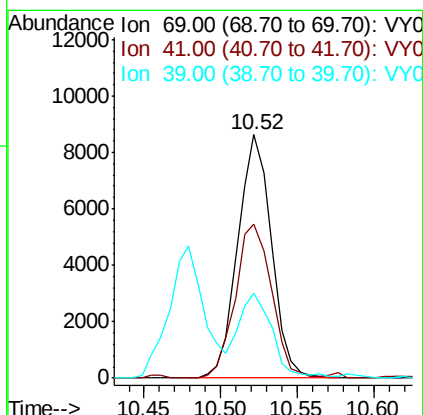
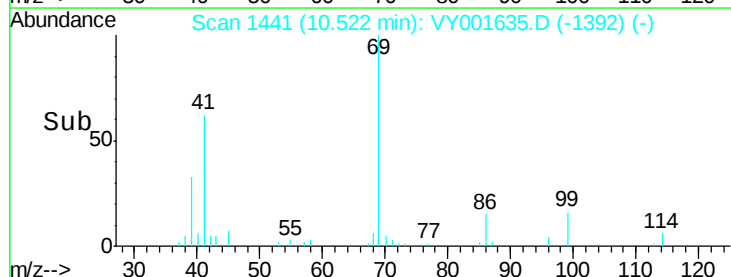
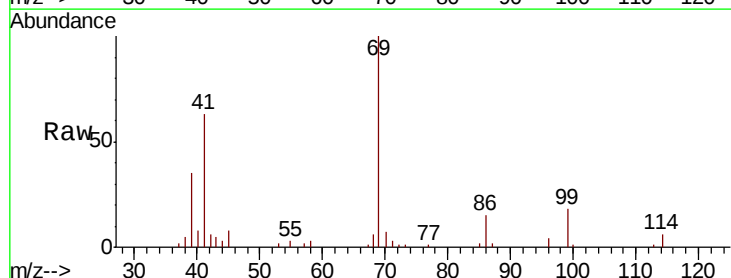
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

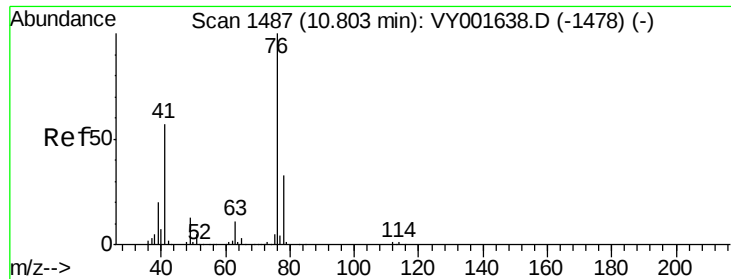
Tot Ion: 97 Resp: 9062  
 Ion Ratio Lower Upper  
 97 100  
 83 81.4 70.3 105.5  
 85 59.2 44.6 66.8  
 99 66.7 49.0 73.6



#56  
 Ethyl methacrylate  
 Concen: 5.031 ug/l  
 RT: 10.52 min Scan# 1441  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion: 69 Resp: 13191  
 Ion Ratio Lower Upper  
 69 100  
 41 68.4 51.9 77.9  
 39 34.5 26.9 40.3

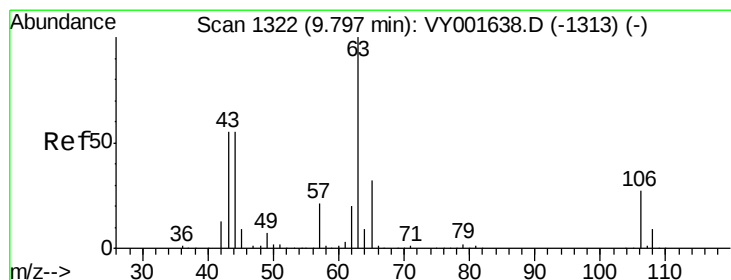
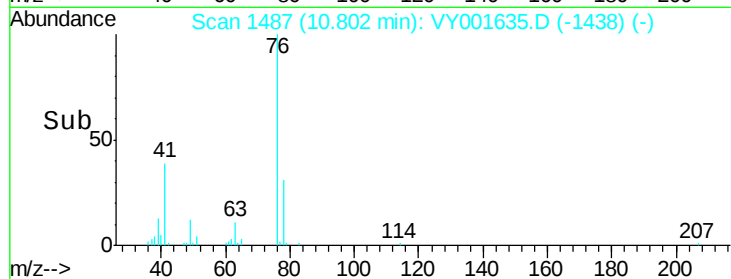
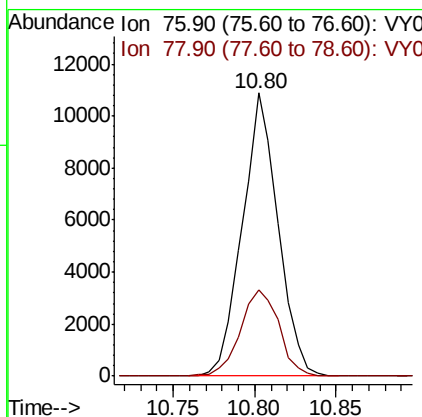
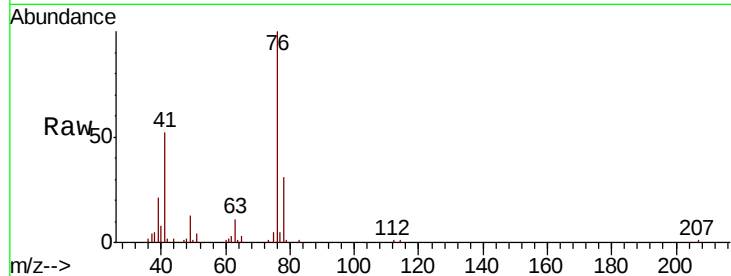




#57  
 1,3-Dichloropropane  
 Concen: 5.173 ug/l  
 RT: 10.80 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

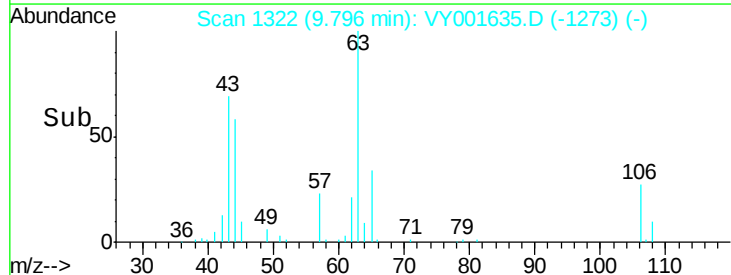
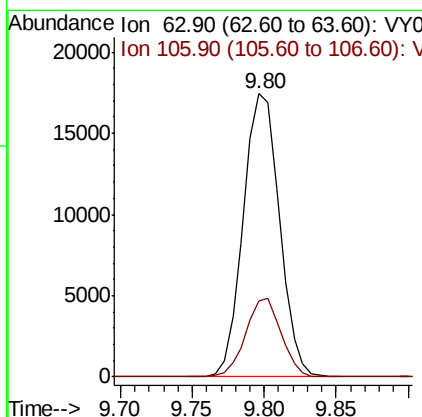
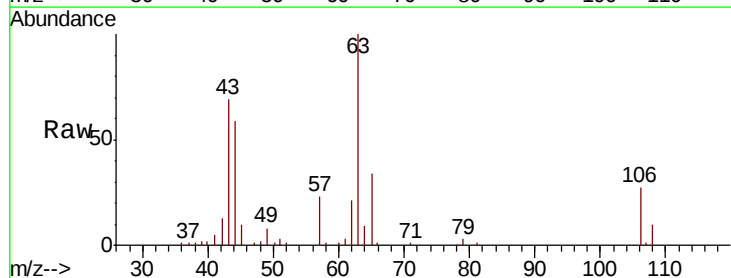
Instrument :  
 MSVOA\_Y  
 ClientSampled :

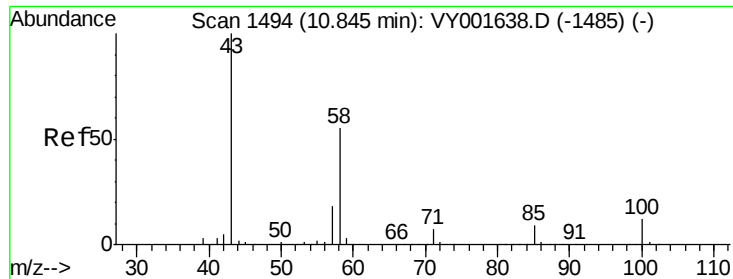
Tot Ion: 76 Resp: 16639  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 32.072 ug/l  
 RT: 9.80 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion: 63 Resp: 30408  
 Ion Ratio Lower Upper  
 63 100  
 106 27.0 21.5 32.3

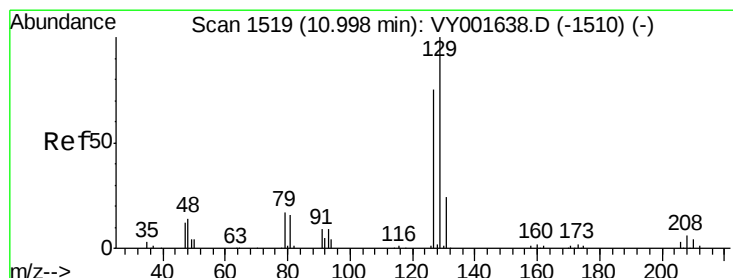
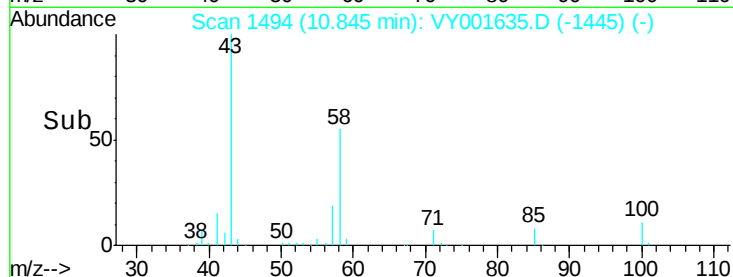
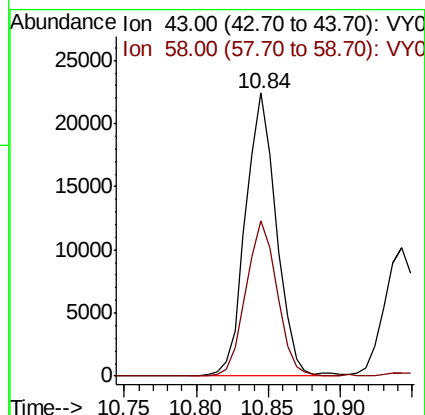
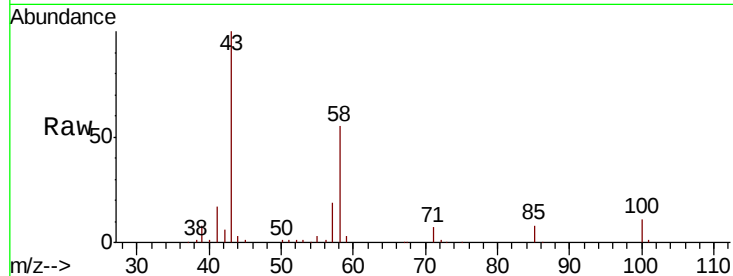




#59  
2-Hexanone  
Concen: 27.834 ug/l  
RT: 10.84 min Scan# 1494  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

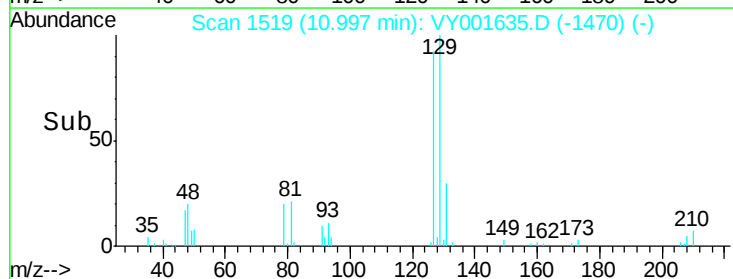
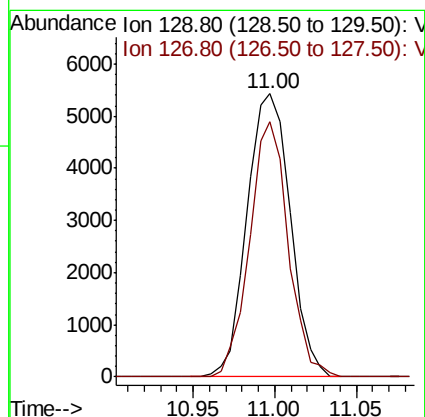
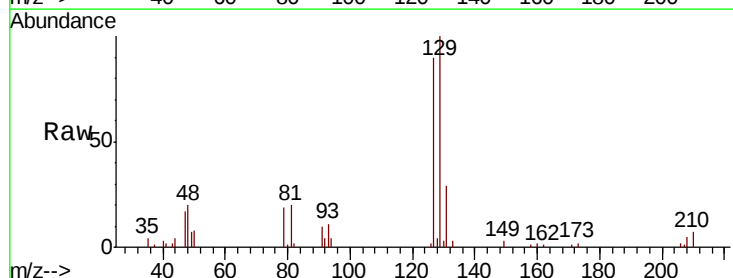
Instrument :  
MSVOA\_Y  
ClientSampleId :

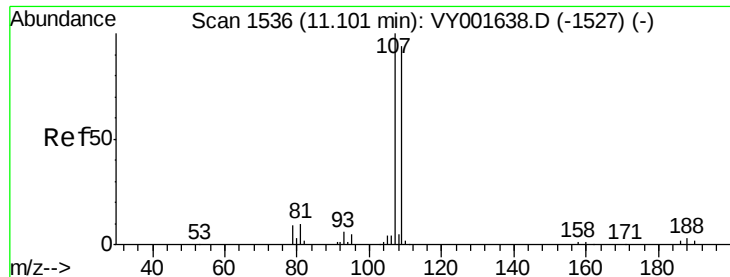
Tot Ion: 43 Resp: 33272  
Ion Ratio Lower Upper  
43 100  
58 55.2 27.8 83.3



#60  
Dibromochloromethane  
Concen: 4.712 ug/l  
RT: 11.00 min Scan# 1519  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 129 Resp: 9988  
Ion Ratio Lower Upper  
129 100  
127 80.6 38.1 114.5

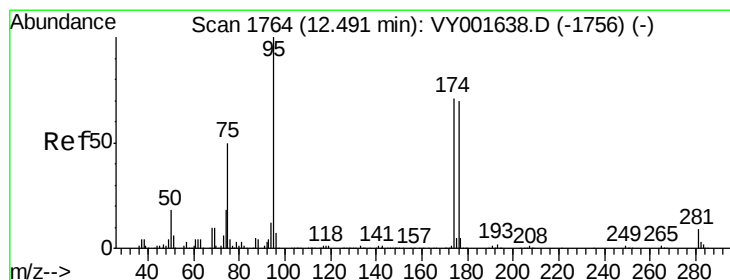
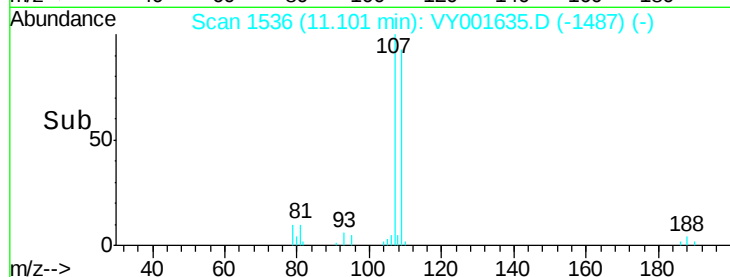
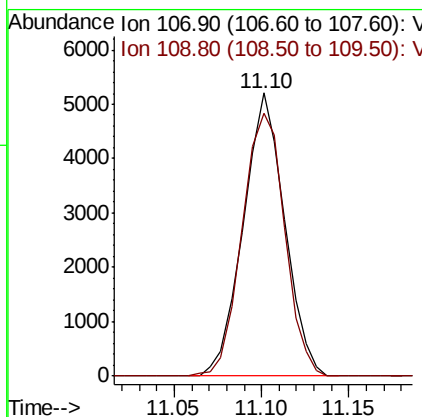
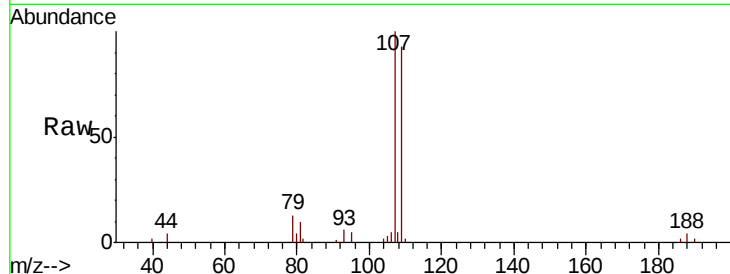




#61  
 1,2-Dibromoethane  
 Concen: 4.800 ug/l  
 RT: 11.10 min Scan# 1536  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

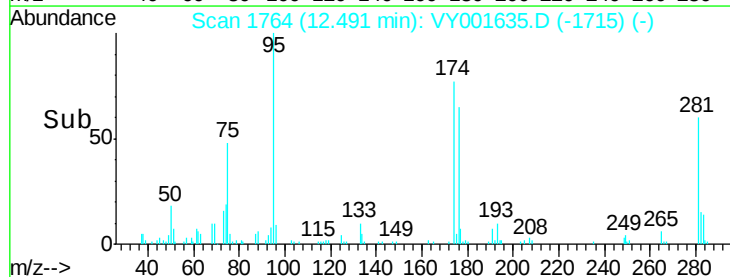
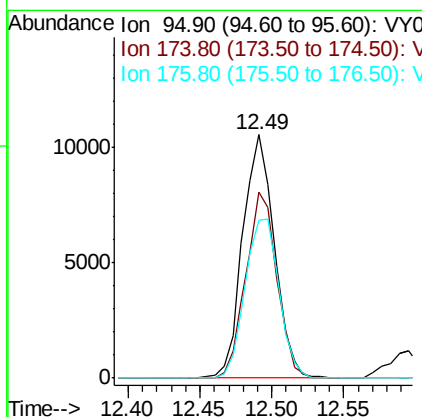
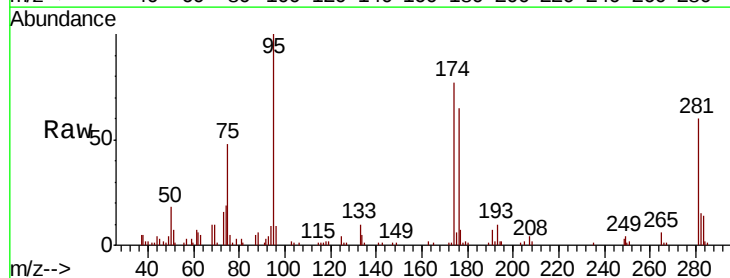
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

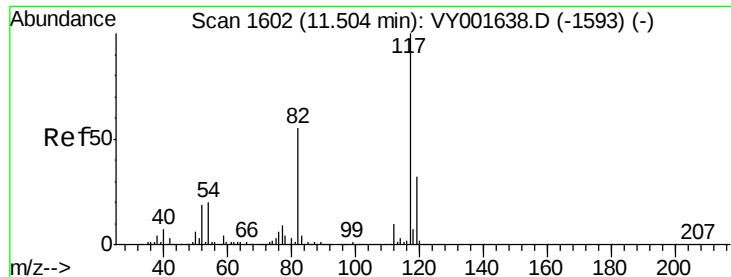
Tot Ion: 107 Resp: 8549  
 Ion Ratio Lower Upper  
 107 100  
 109 95.8 76.0 114.0



#62  
 4-Bromofluorobenzene  
 Concen: 5.262 ug/l  
 RT: 12.49 min Scan# 1764  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion: 95 Resp: 15979  
 Ion Ratio Lower Upper  
 95 100  
 174 74.8 0.0 144.4  
 176 70.0 0.0 140.2

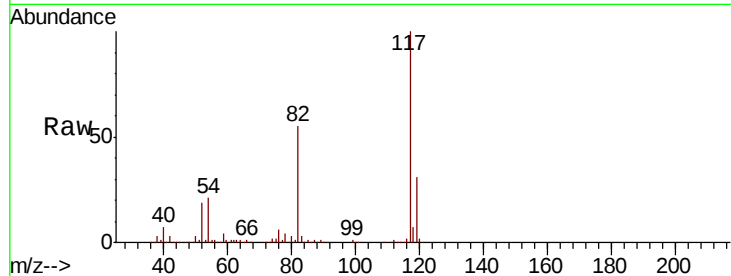




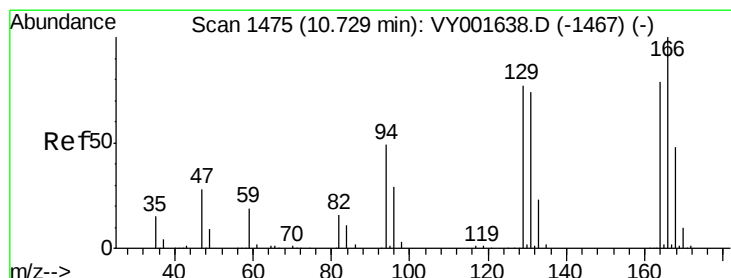
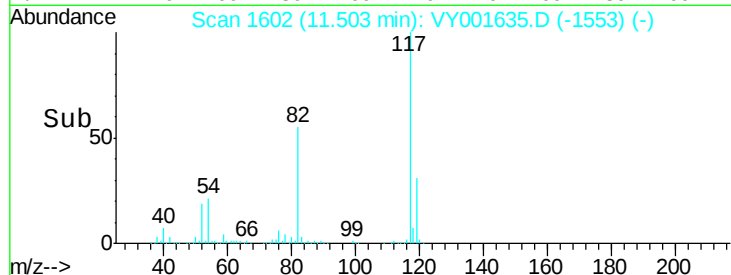
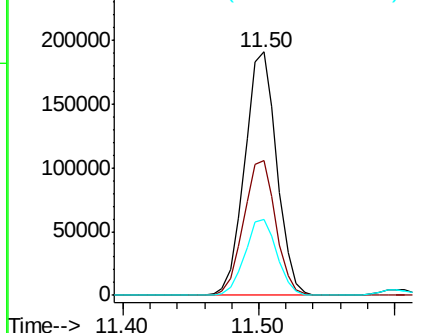
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1602  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion:117 Resp: 314032  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.3 66.5  
119 31.3 25.3 37.9

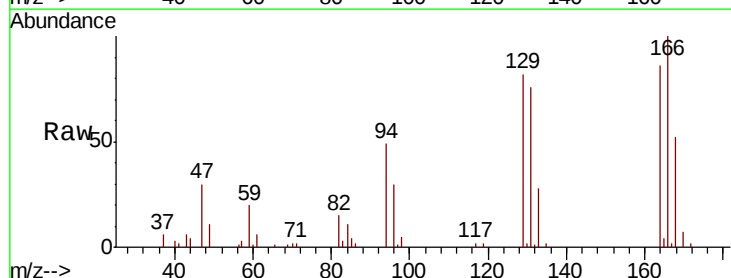


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

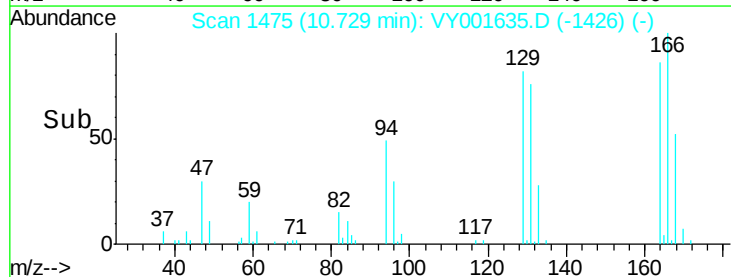
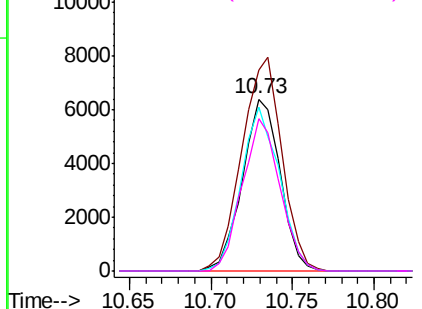


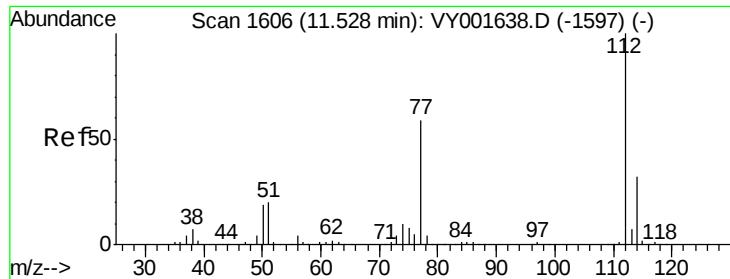
#64  
Tetrachloroethene  
Concen: 5.085 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion:164 Resp: 10345  
Ion Ratio Lower Upper  
164 100  
166 116.8 101.7 152.5  
129 95.3 78.6 118.0  
131 89.1 74.8 112.2



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

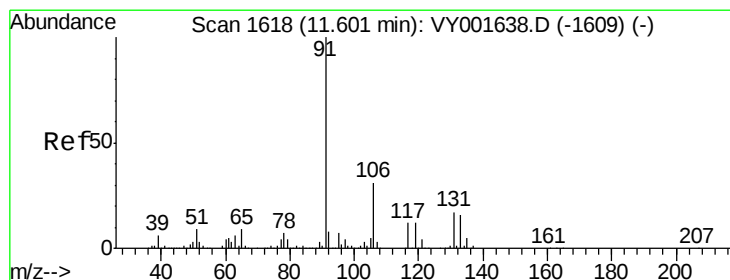
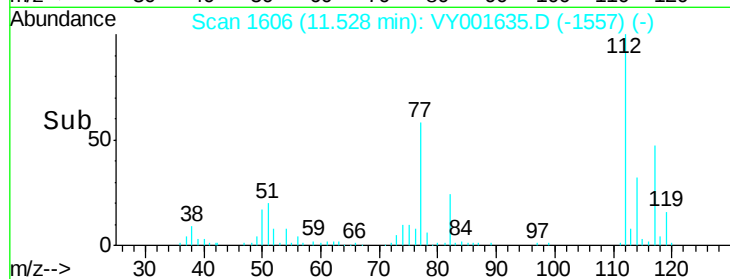
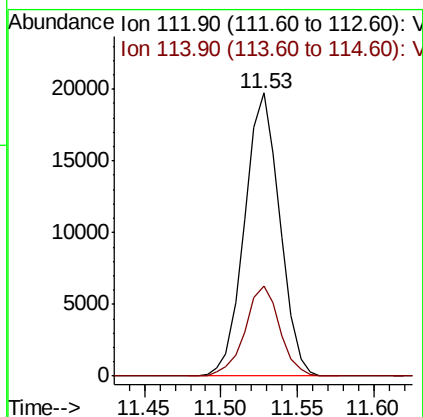
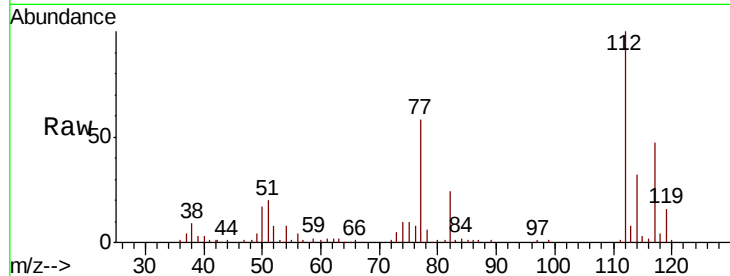




#65  
Chlorobenzene  
Concen: 5.134 ug/l  
RT: 11.53 min Scan# 1606  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

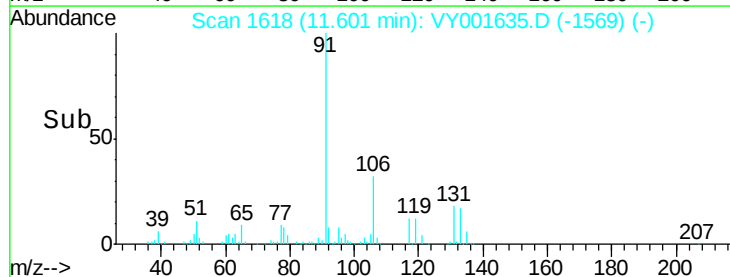
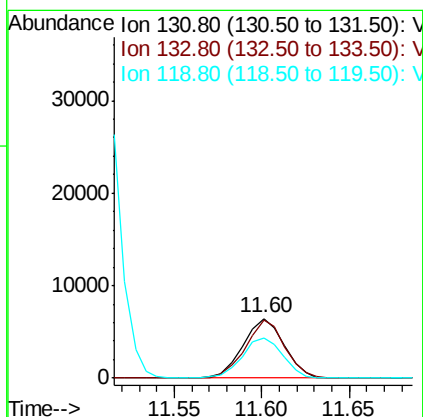
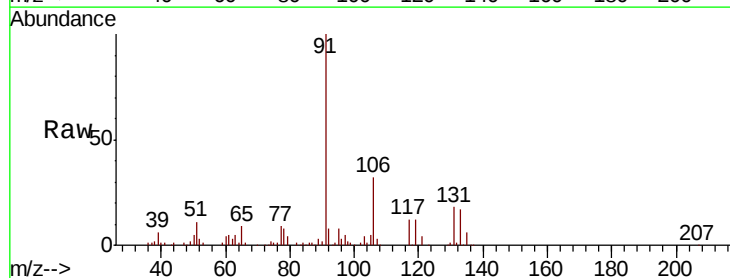
Instrument :  
MSVOA\_Y  
ClientSampleId :

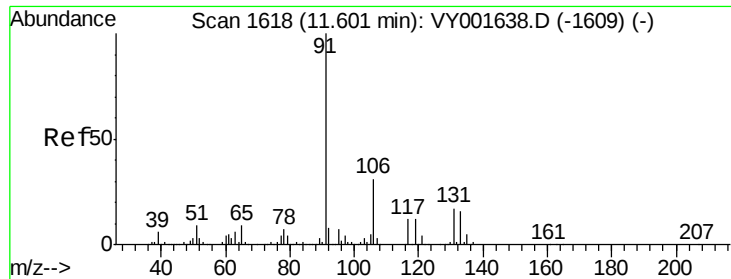
Tot Ion:112 Resp: 31605  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.870 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion:131 Resp: 10453  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.4 142.2  
119 67.3 33.9 101.7

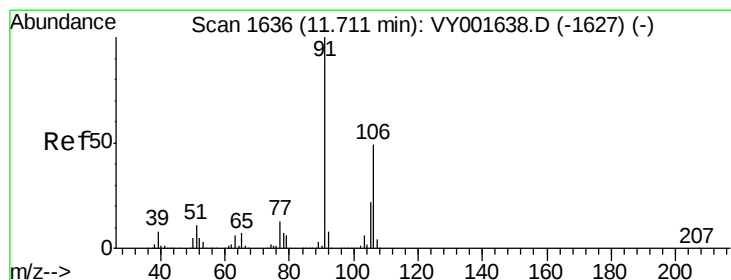
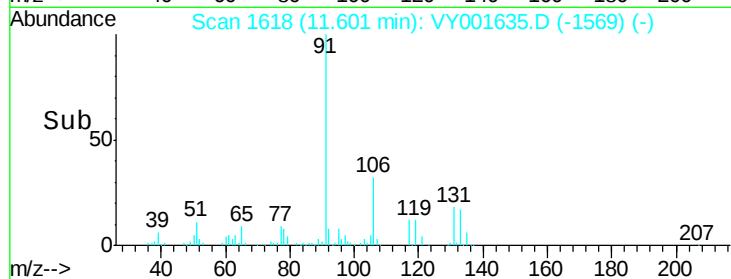
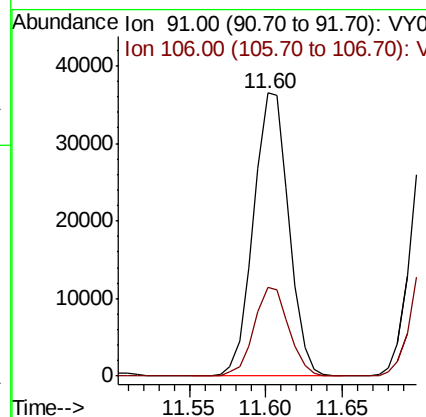
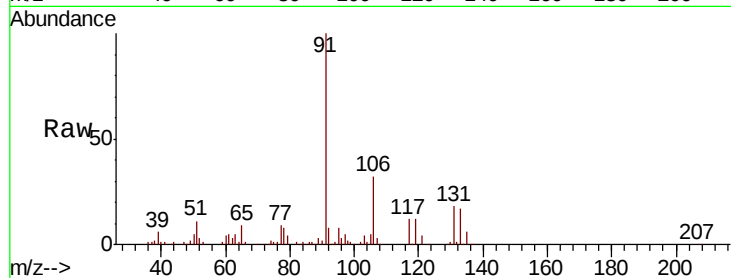




#67  
Ethyl Benzene  
Concen: 5.134 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

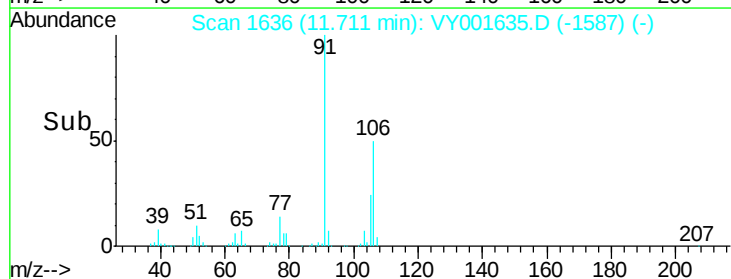
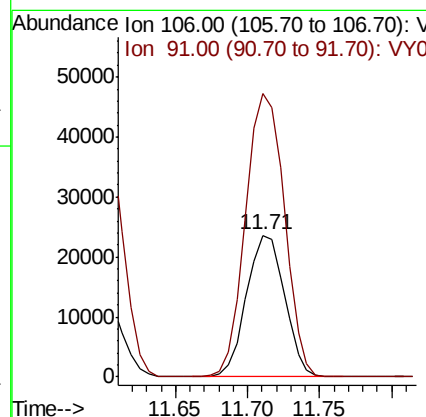
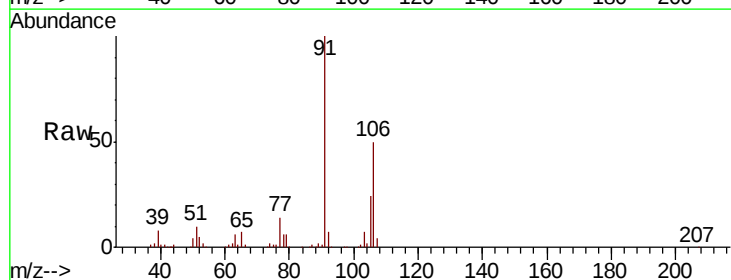
Instrument :  
MSVOA\_Y  
ClientSampled :

Tot Ion: 91 Resp: 58578  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.1 37.7



#68  
m/p-Xylenes  
Concen: 10.098 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 106 Resp: 43275  
Ion Ratio Lower Upper  
106 100  
91 204.1 161.7 242.5

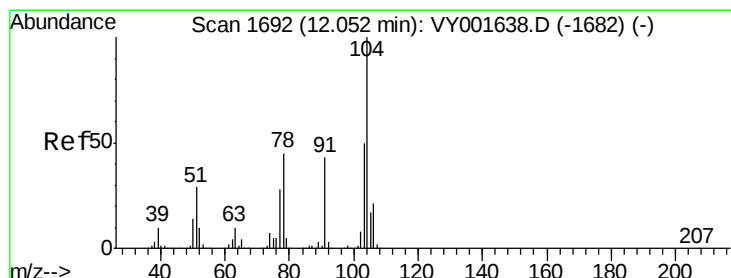
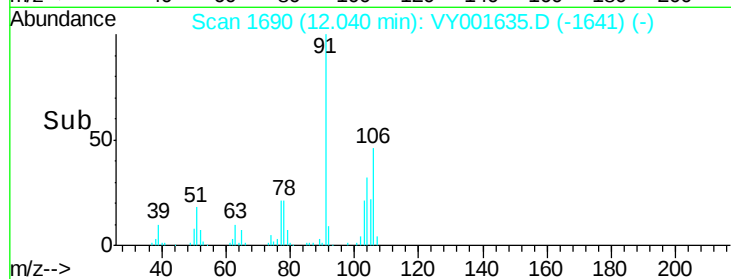
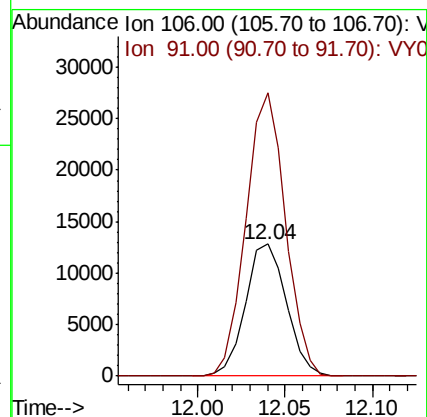
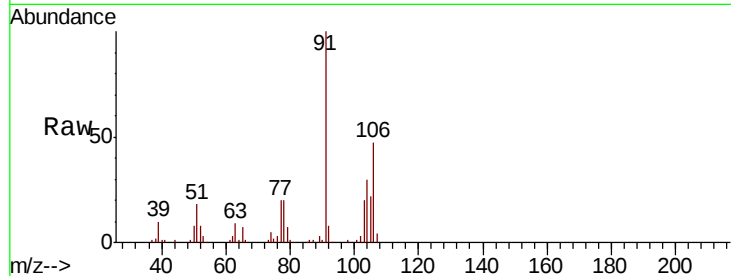




#69  
o-Xylene  
Concen: 5.155 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

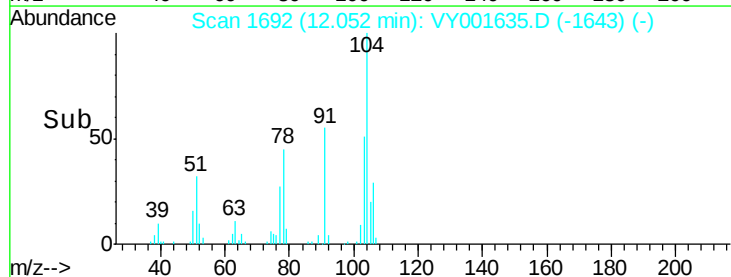
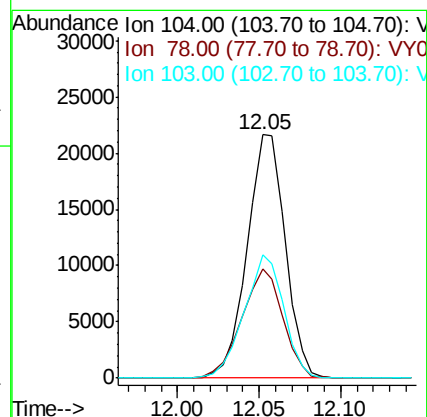
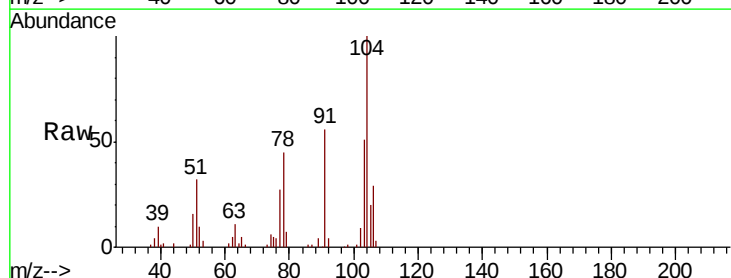
Instrument :  
MSVOA\_Y  
ClientSampled :

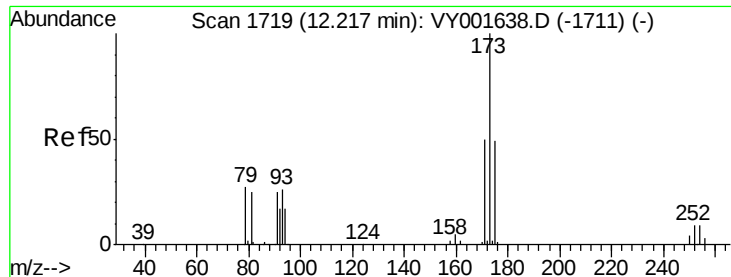
Tot Ion:106 Resp: 20849  
Ion Ratio Lower Upper  
106 100  
91 206.9 105.1 315.3



#70  
Styrene  
Concen: 5.021 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion:104 Resp: 35205  
Ion Ratio Lower Upper  
104 100  
78 48.4 39.0 58.4  
103 52.7 42.8 64.2





#71

Bromoform

Concen: 4.621 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampled :

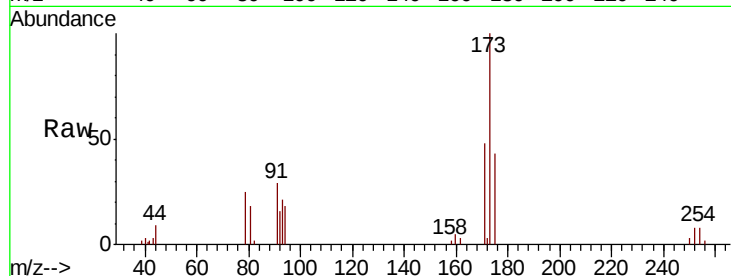
Tot Ion:173 Resp: 5590

Ion Ratio Lower Upper

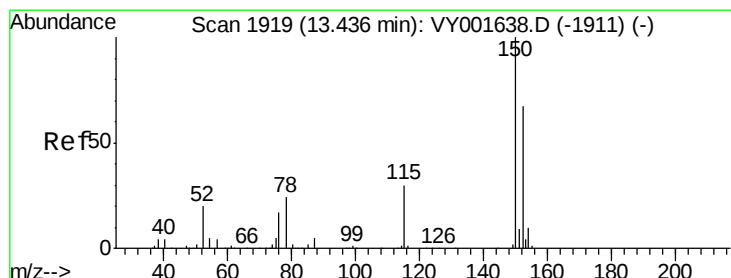
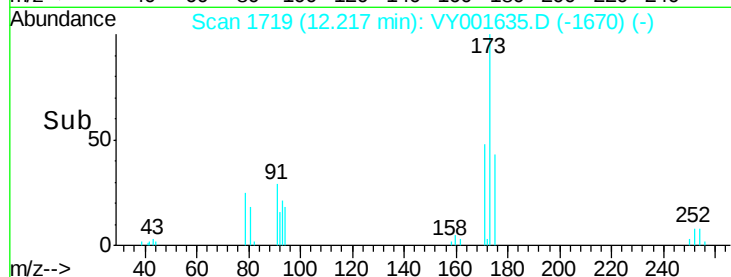
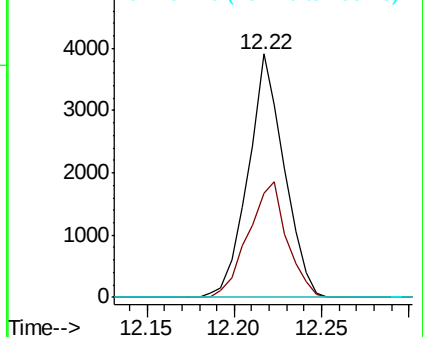
173 100

175 51.1 23.8 71.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

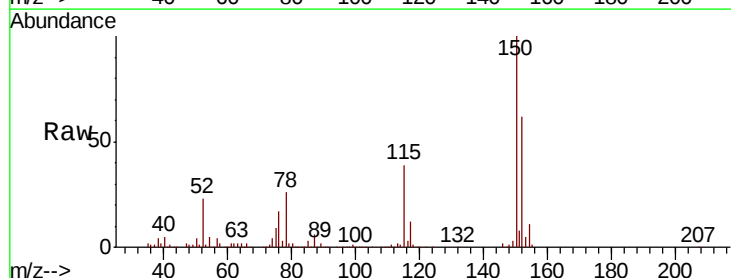
Tgt Ion:152 Resp: 145413

Ion Ratio Lower Upper

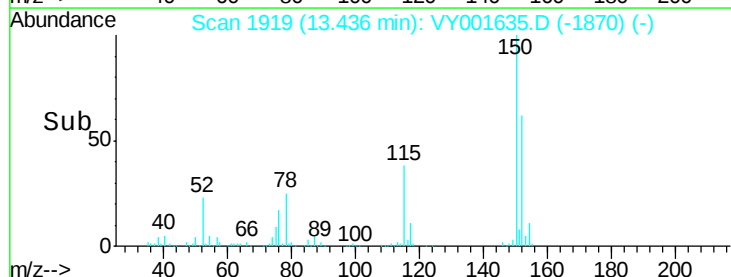
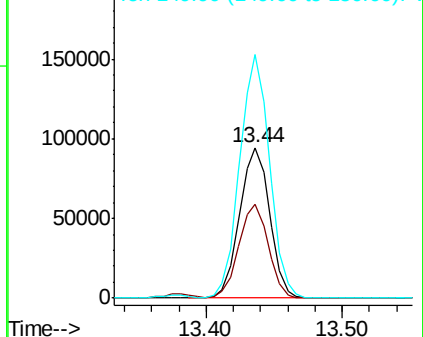
152 100

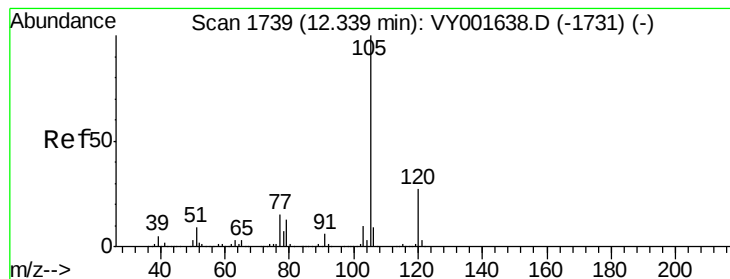
115 61.3 30.9 92.8

150 160.9 0.0 350.0



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





#73

Isopropylbenzene

Concen: 5.033 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

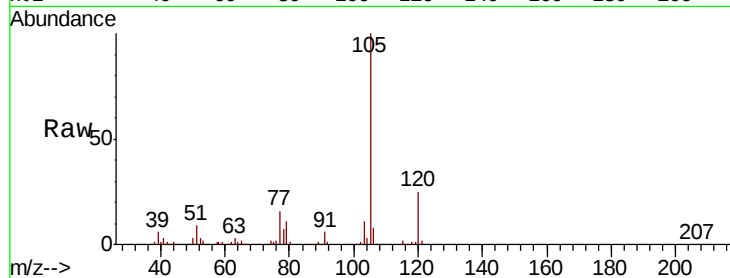
ClientSampleId :

Tot Ion:105 Resp: 55511

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.34

40000

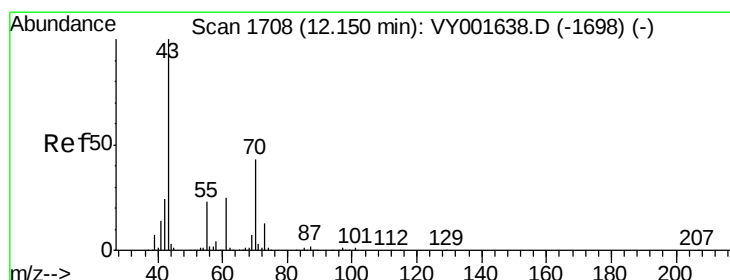
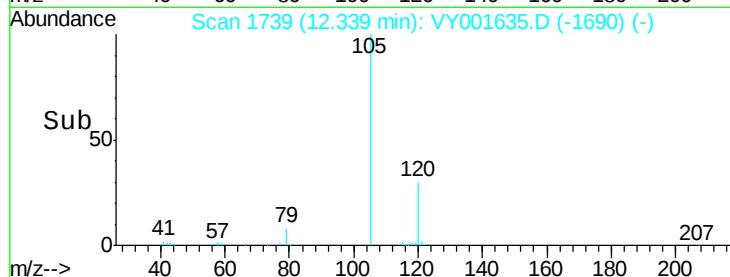
30000

20000

10000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 5.672 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Tgt Ion: 43 Resp: 17090

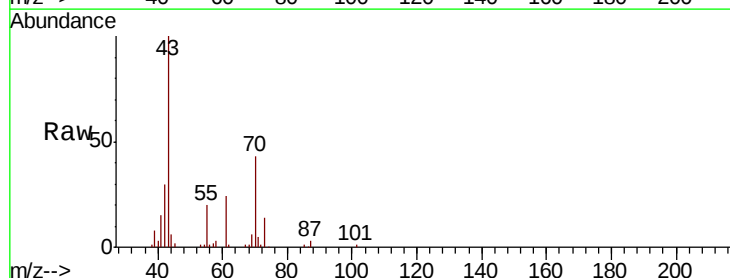
Ion Ratio Lower Upper

43 100

70 40.5 35.0 52.6

55 21.7 18.3 27.5

61 22.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

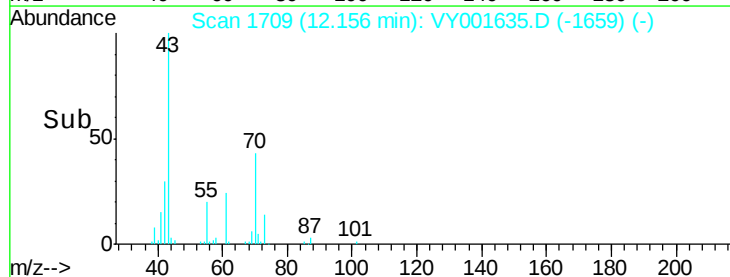
15000

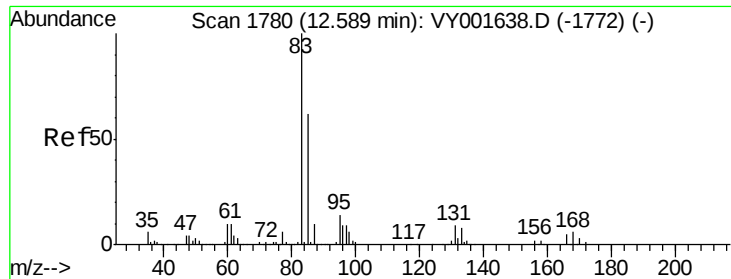
10000

5000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 5.210 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampleId :

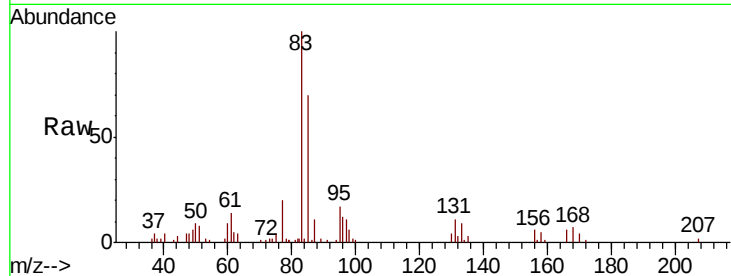
Tot Ion: 83 Resp: 11287

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

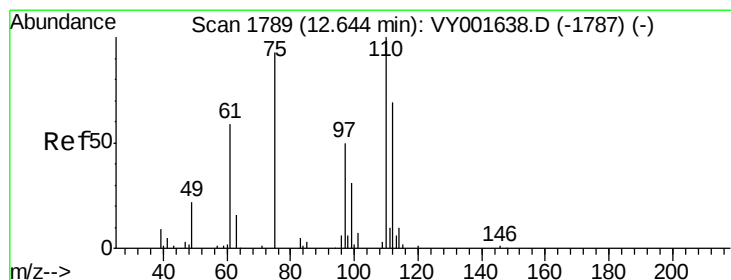
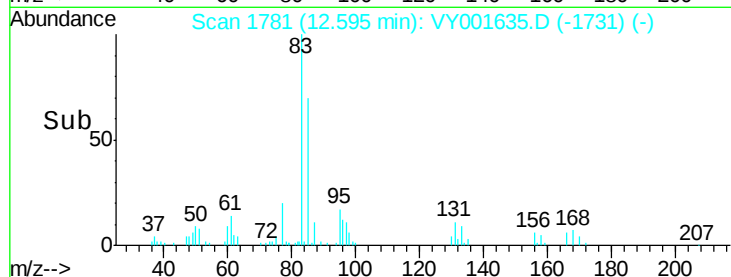
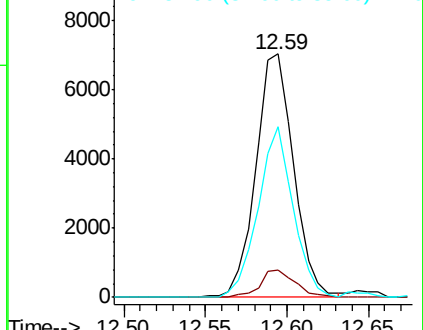
85 64.8 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VY001635.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY001635.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY001635.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 9.643 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VY001635.D

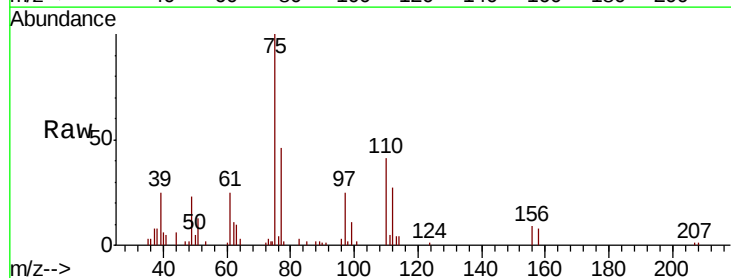
Acq: 17 Feb 2020 10:03

Tgt Ion: 75 Resp: 15030

Ion Ratio Lower Upper

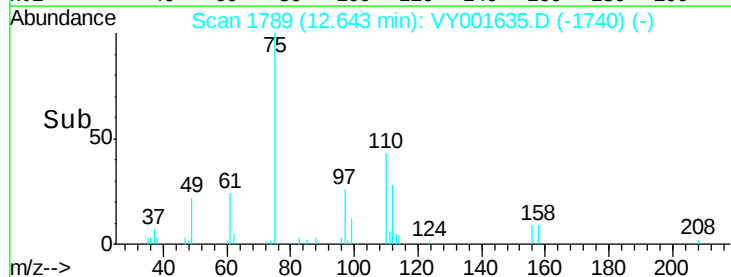
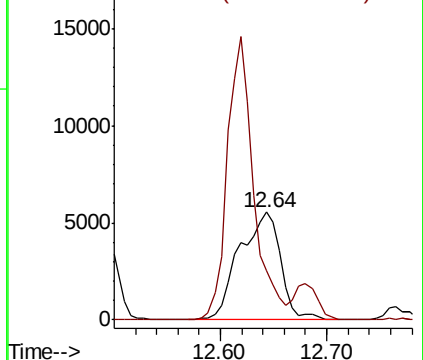
75 100

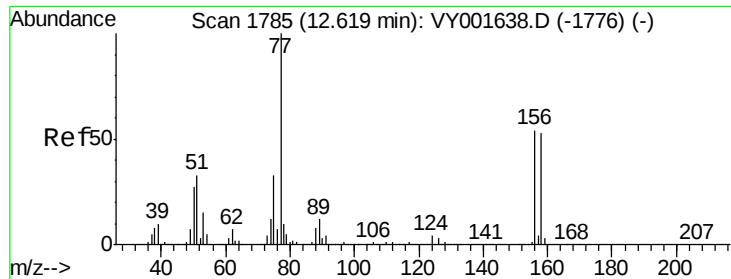
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001635.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY001635.D (-1740) (-)





#77

Bromobenzene

Concen: 5.157 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampleId :

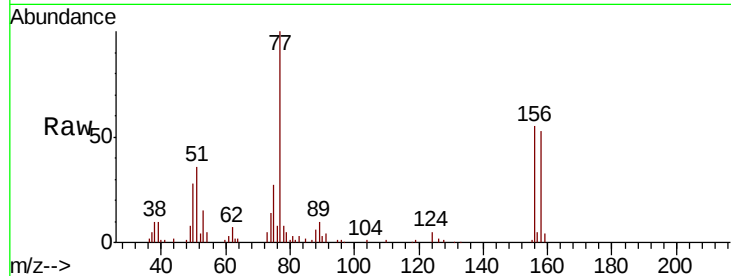
Tot Ion:156 Resp: 12306

Ion Ratio Lower Upper

156 100

77 205.1 107.8 323.4

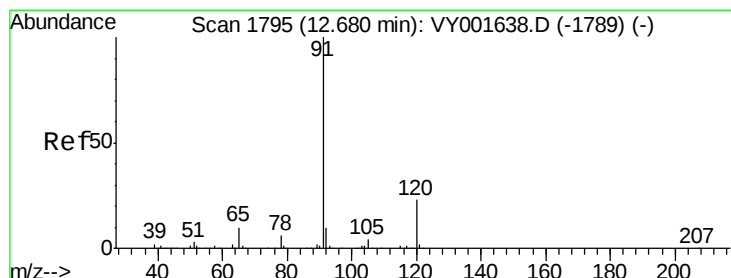
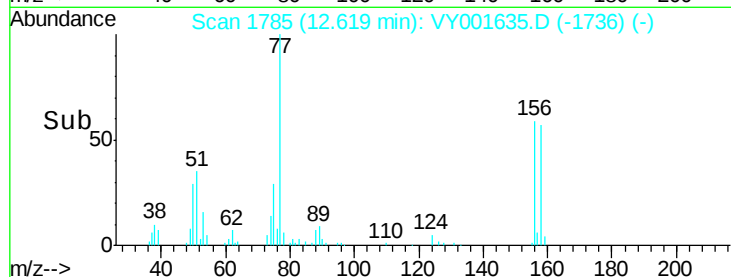
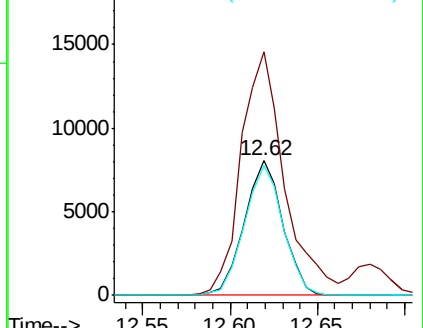
158 97.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.990 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY001635.D

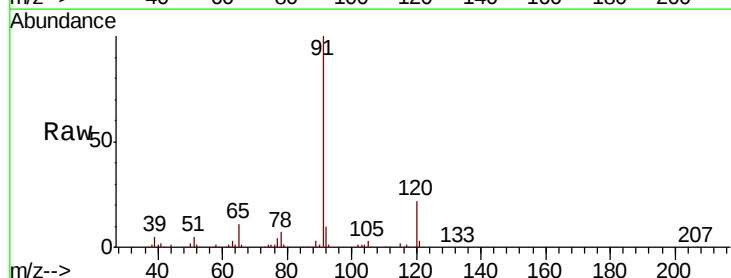
Acq: 17 Feb 2020 10:03

Tgt Ion: 91 Resp: 66288

Ion Ratio Lower Upper

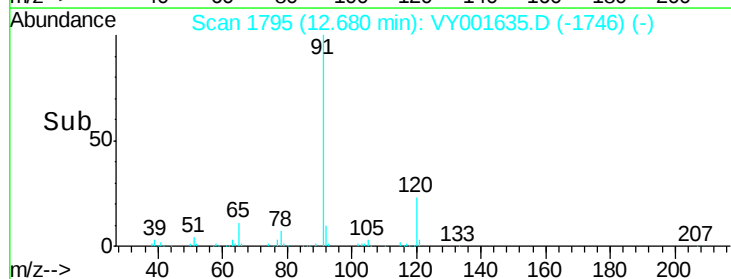
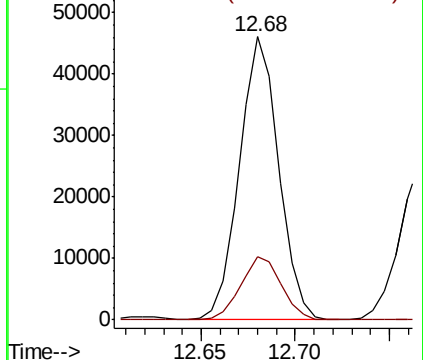
91 100

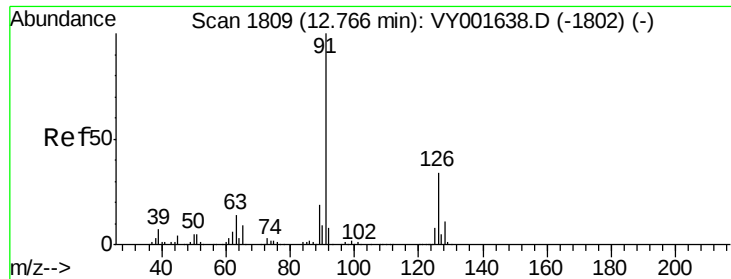
120 23.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

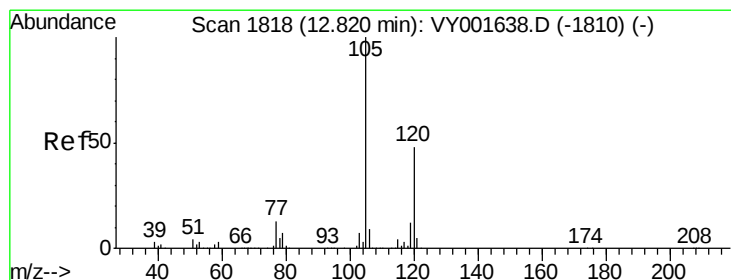
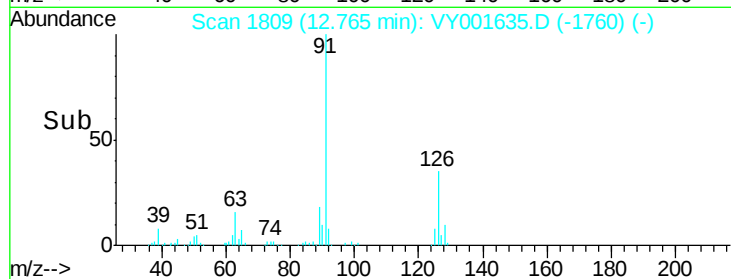
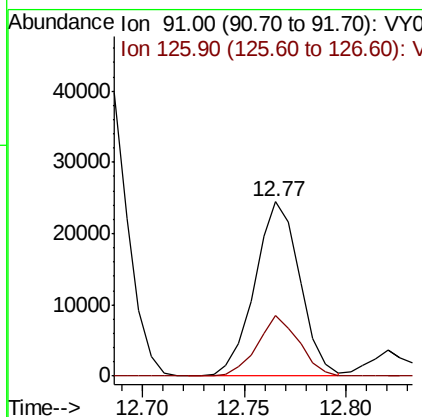
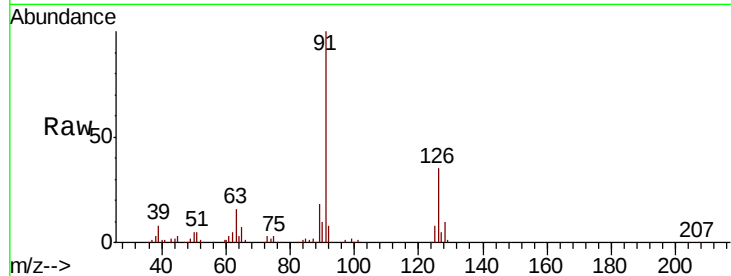




#79  
 2-Chlorotoluene  
 Concen: 4.978 ug/l  
 RT: 12.77 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

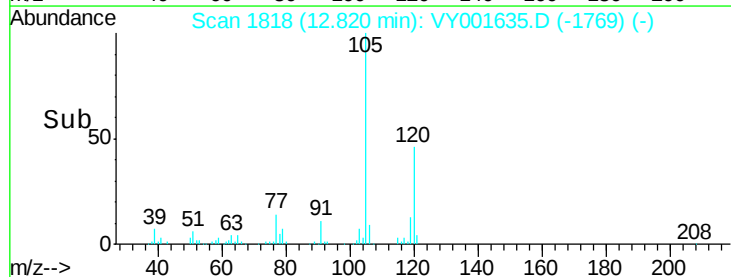
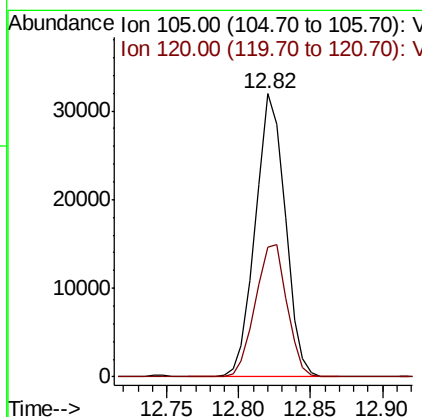
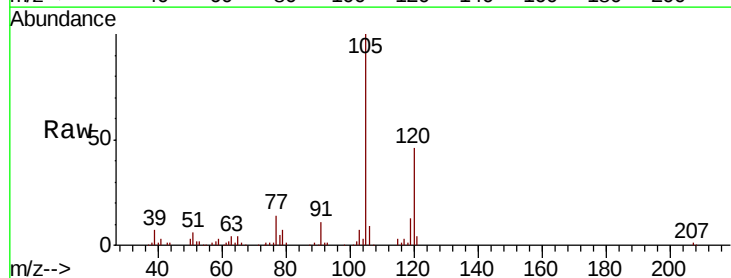
Instrument :  
 MSVOA\_Y  
 ClientSampled :

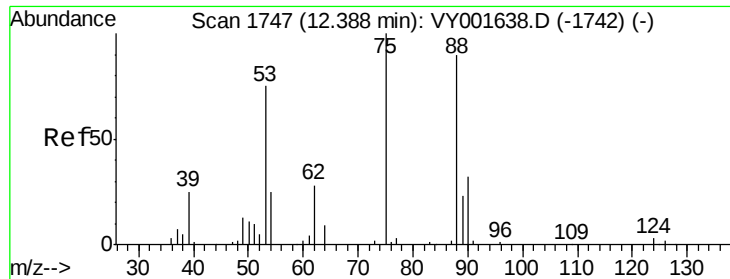
Tot Ion: 91 Resp: 37522  
 Ion Ratio Lower Upper  
 91 100  
 126 32.3 16.8 50.4



#80  
 1,3,5-Trimethylbenzene  
 Concen: 4.915 ug/l  
 RT: 12.82 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion: 105 Resp: 45672  
 Ion Ratio Lower Upper  
 105 100  
 120 49.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.713 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

ClientSampleId :

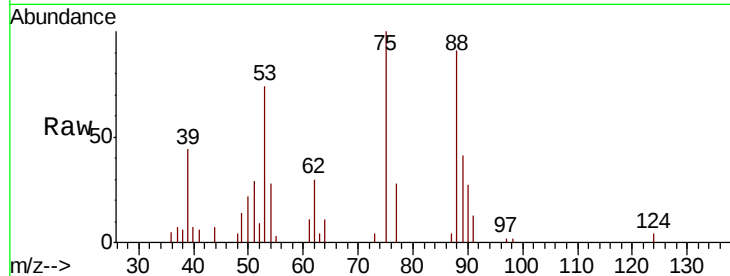
Tot Ion: 75 Resp: 3923

Ion Ratio Lower Upper

75 100

53 91.3 63.4 95.0

89 43.3 33.0 49.4



Abundance Ion 74.90 (74.60 to 75.60): VY001635.D (-1698) (-)

Ion 53.00 (52.70 to 53.70): VY001635.D (-1698) (-)

Ion 88.90 (88.60 to 89.60): VY001635.D (-1698) (-)

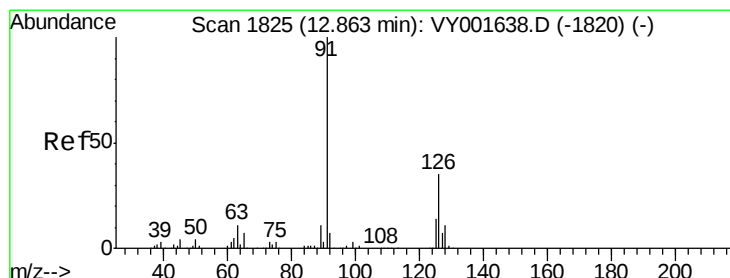
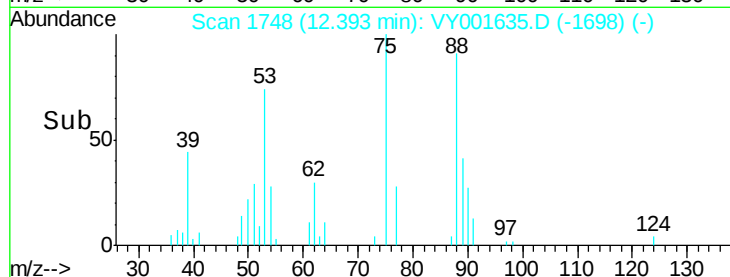
12.39

2000

1000

0

Time-->



#82

4-Chlorotoluene

Concen: 4.996 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001635.D

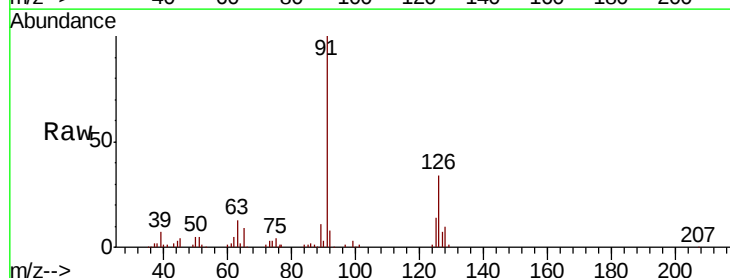
Acq: 17 Feb 2020 10:03

Tgt Ion: 91 Resp: 39705

Ion Ratio Lower Upper

91 100

126 33.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY001635.D (-1776) (-)

Ion 125.90 (125.60 to 126.60): VY001635.D (-1776) (-)

12.86

25000

20000

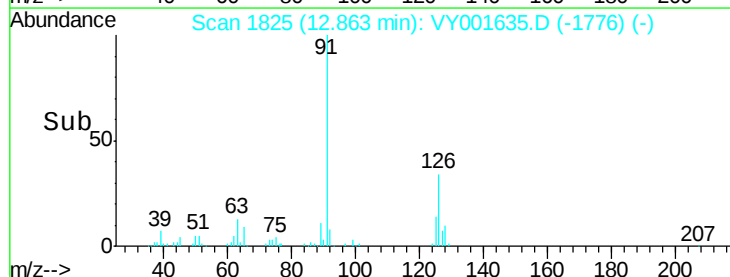
15000

10000

5000

0

Time-->

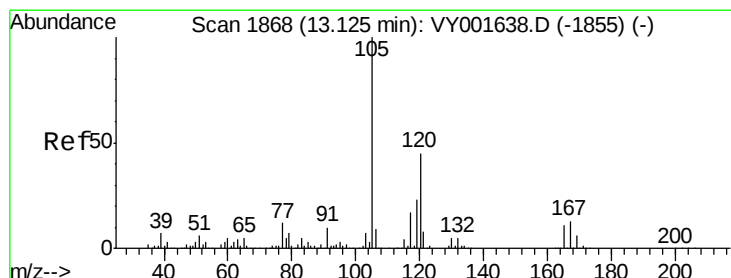
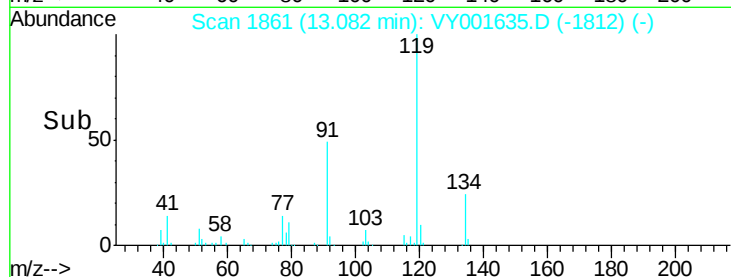
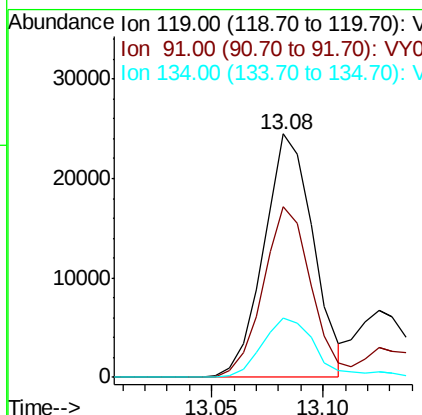
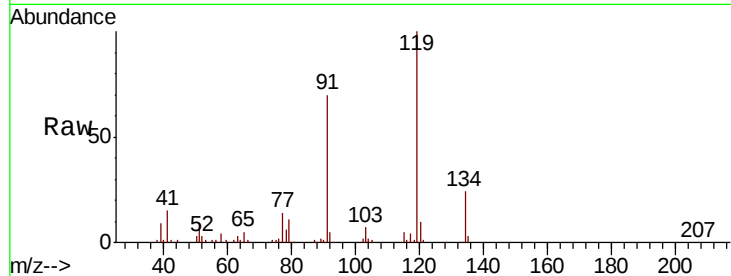




#83  
tert-Butylbenzene  
Concen: 4.819 ug/l  
RT: 13.08 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

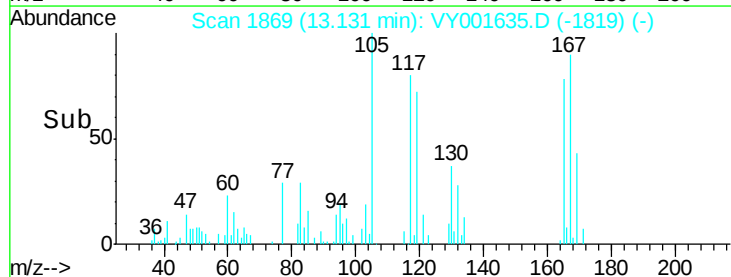
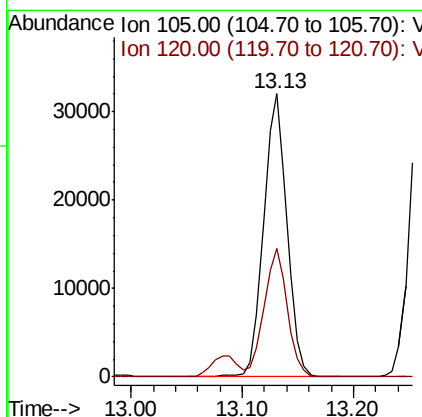
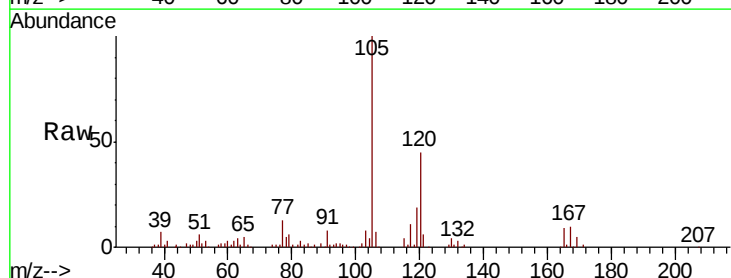
Instrument :  
MSVOA\_Y  
ClientSampleId :

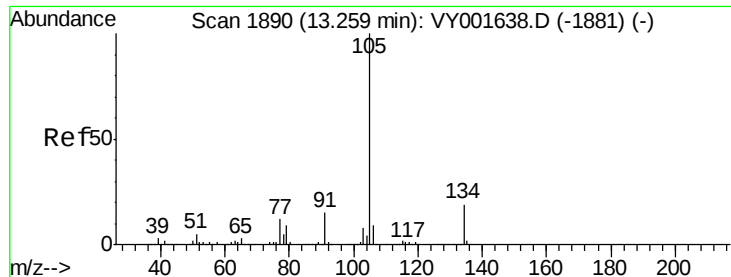
Tot Ion:119 Resp: 37752  
Ion Ratio Lower Upper  
119 100  
91 68.6 33.1 99.5  
134 26.9 13.0 39.0



#84  
1,2,4-Trimethylbenzene  
Concen: 5.090 ug/l  
RT: 13.13 min Scan# 1869  
Delta R.T. 0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion:105 Resp: 46872  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.8 68.4





#85

sec-Butylbenzene

Concen: 5.178 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

Instrument :

MSVOA\_Y

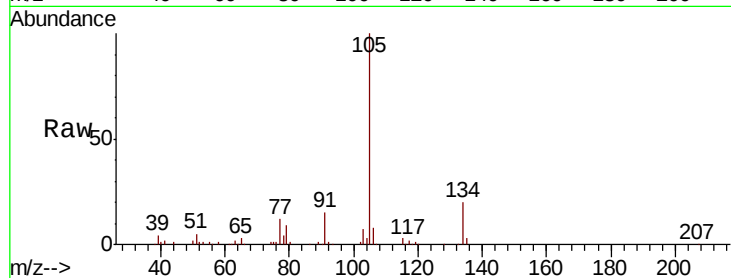
ClientSampleId :

Tot Ion:105 Resp: 57392

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

40000

30000

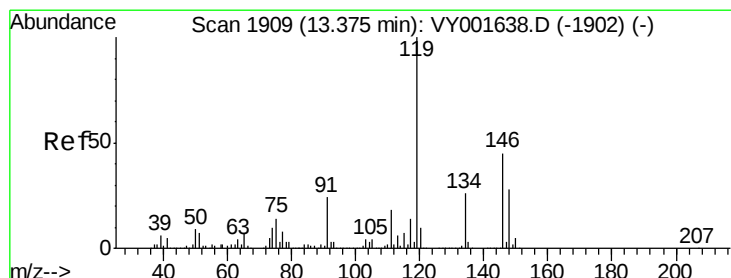
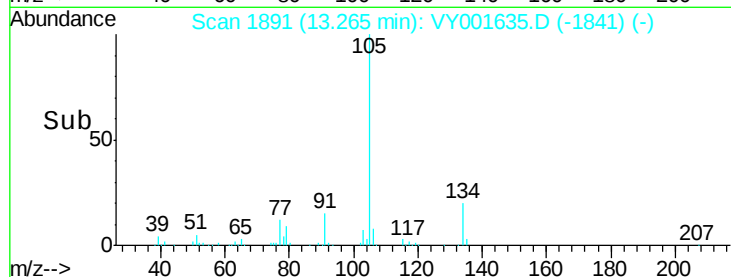
20000

10000

0

Time-->

13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 5.028 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001635.D

Acq: 17 Feb 2020 10:03

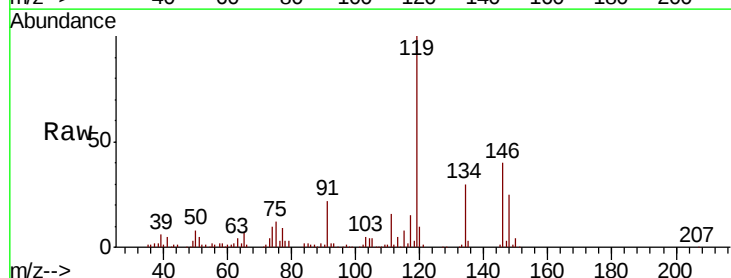
Tgt Ion:119 Resp: 49073

Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.6

91 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

40000

30000

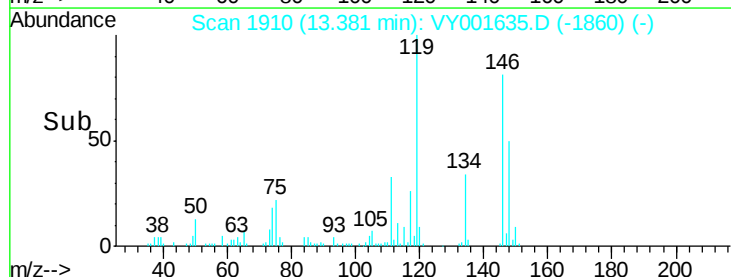
20000

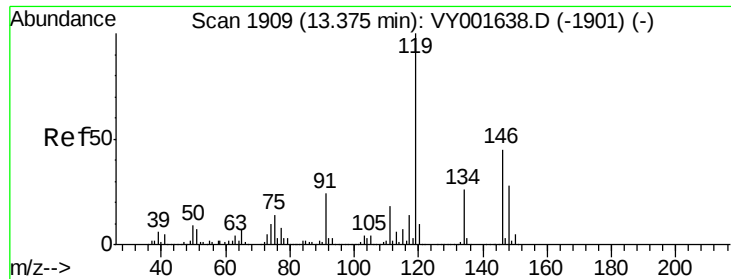
10000

0

Time-->

13.30 13.35 13.40 13.45

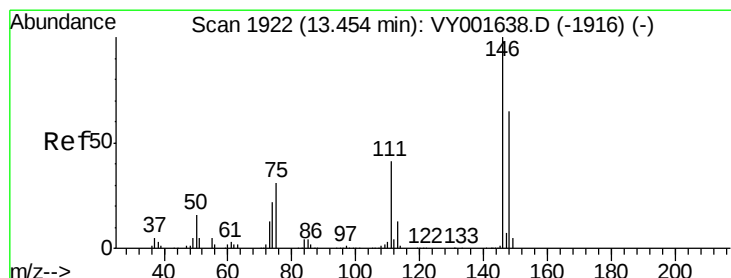
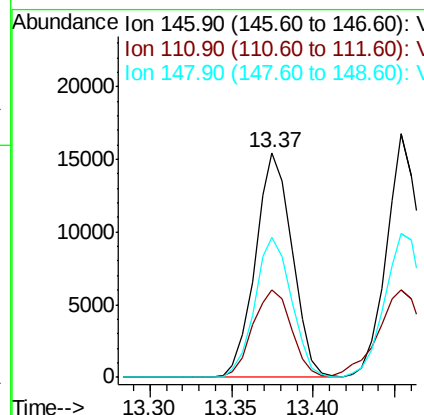
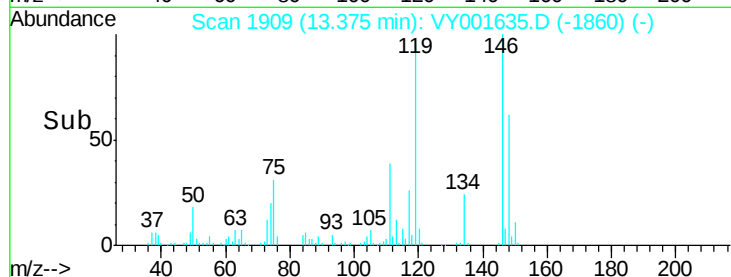
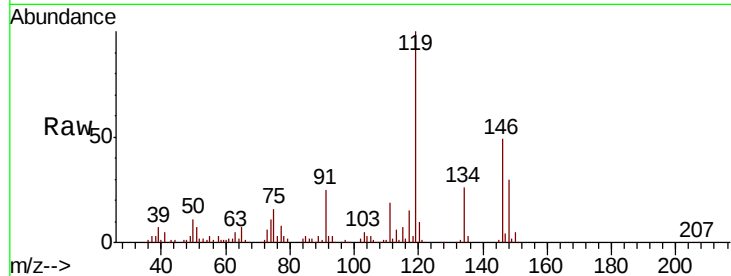




#87  
 1,3-Dichlorobenzene  
 Concen: 5.273 ug/l  
 RT: 13.37 min Scan# 1909  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

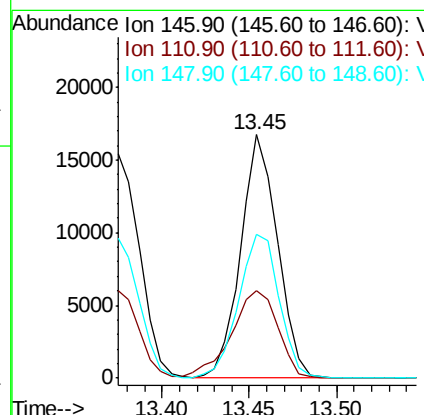
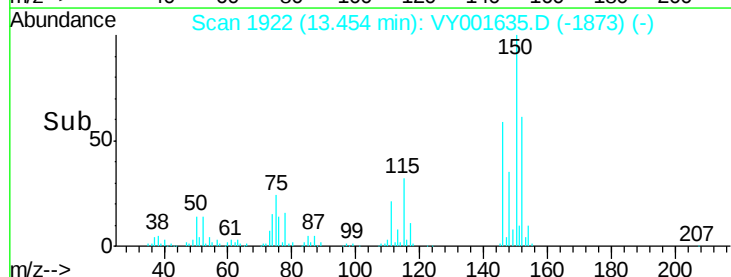
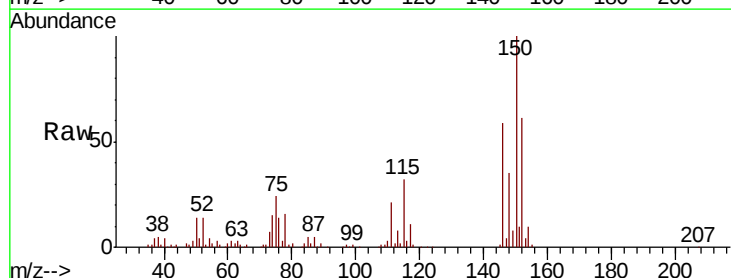
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

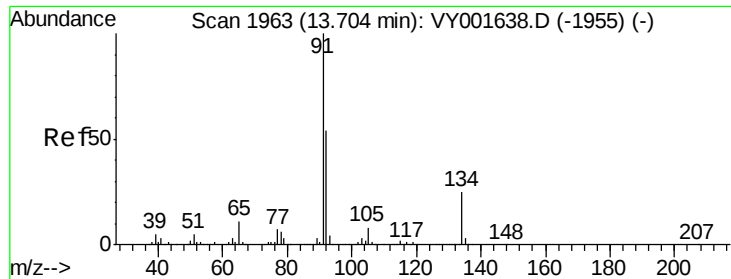
Tot Ion:146 Resp: 24276  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 20.7 62.1  
 148 62.0 31.6 94.7



#88  
 1,4-Dichlorobenzene  
 Concen: 5.338 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion:146 Resp: 24609  
 Ion Ratio Lower Upper  
 146 100  
 111 45.6 20.8 62.2  
 148 65.5 32.0 96.2

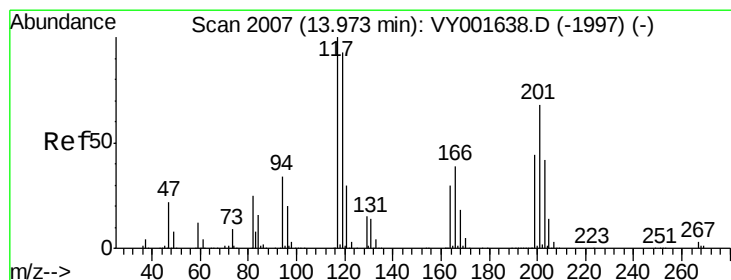
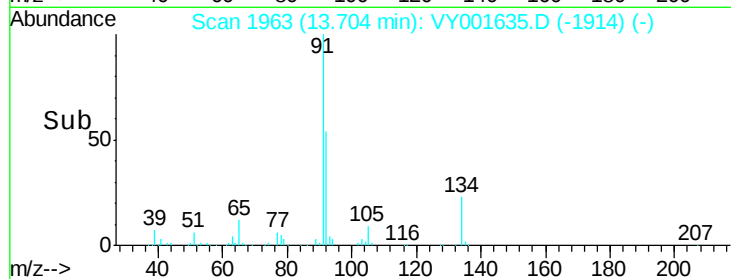
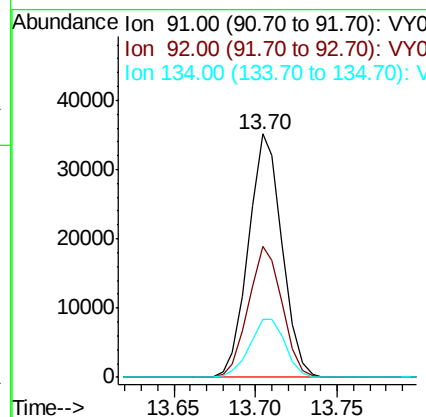
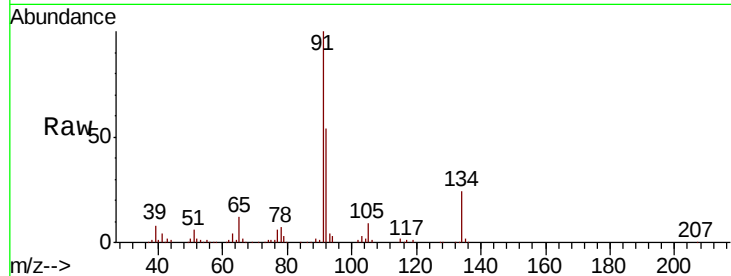




#89  
n-Butylbenzene  
Concen: 5.196 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

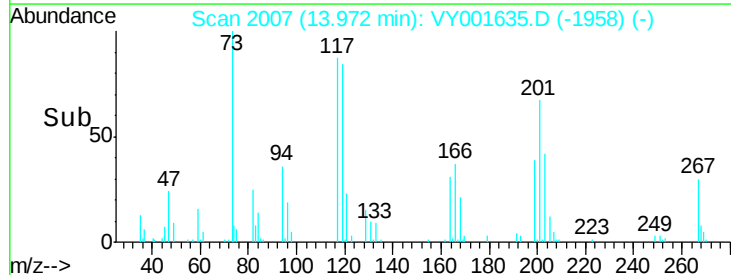
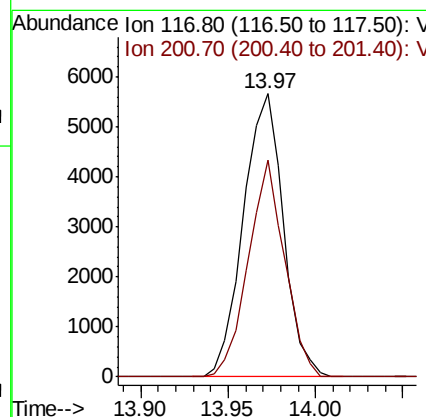
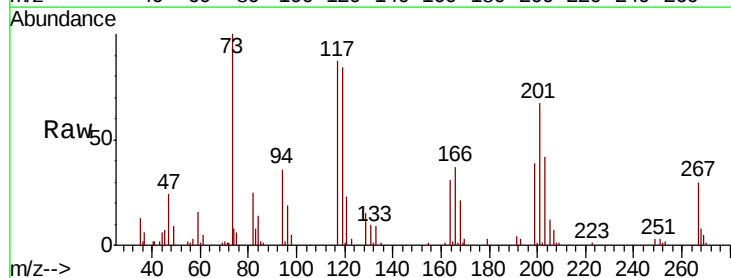
Instrument :  
MSVOA\_Y  
ClientSampleId :

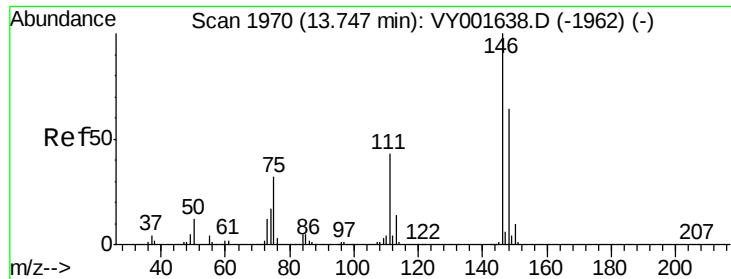
Tot Ion: 91 Resp: 50348  
Ion Ratio Lower Upper  
91 100  
92 53.7 27.3 81.8  
134 25.2 12.6 37.6



#90  
Hexachloroethane  
Concen: 4.803 ug/l  
RT: 13.97 min Scan# 2007  
Delta R.T. -0.00 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion: 117 Resp: 8982  
Ion Ratio Lower Upper  
117 100  
201 69.6 33.3 99.8

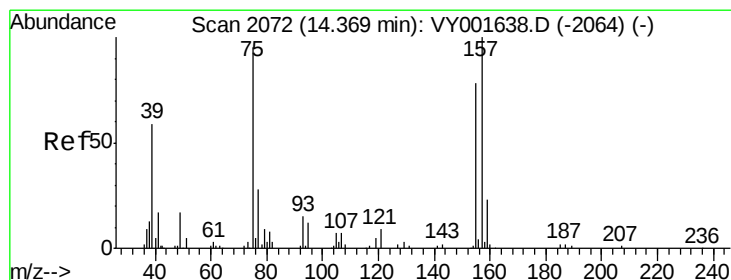
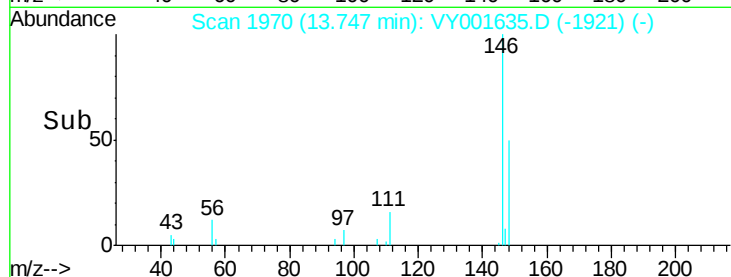
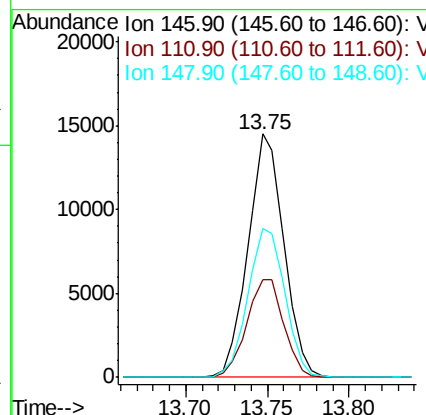
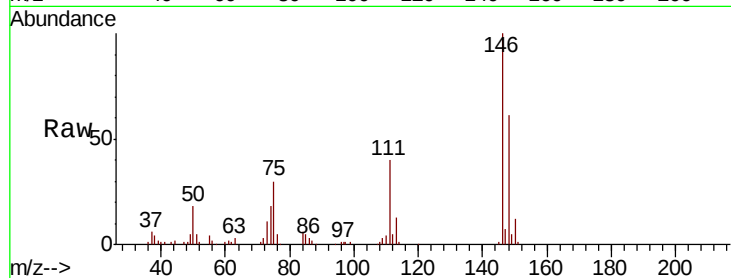




#91  
 1,2-Dichlorobenzene  
 Concen: 5.321 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

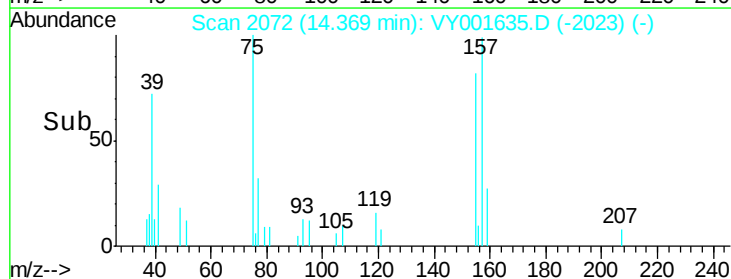
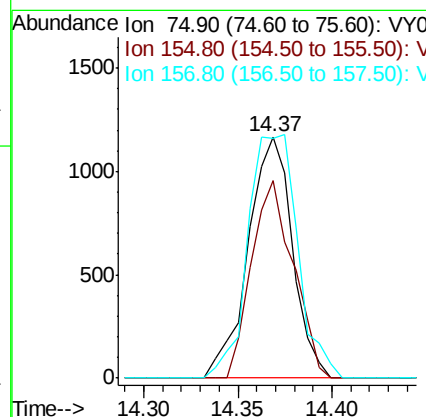
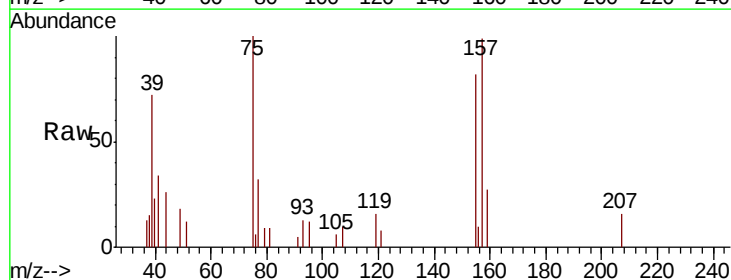
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

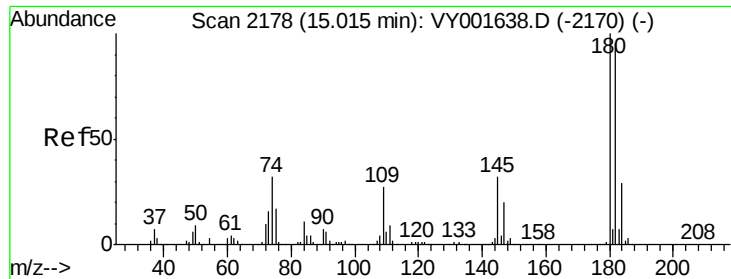
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 21.6  | 65.0  |
| 148     | 63.1  | 31.5  | 94.5  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.831 ug/l  
 RT: 14.37 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 77.4  | 42.1  | 126.4 |
| 157     | 113.4 | 53.0  | 159.1 |

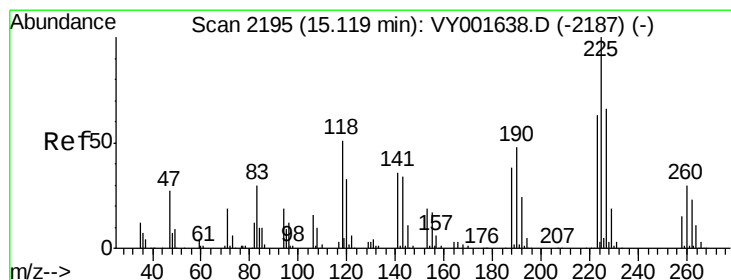
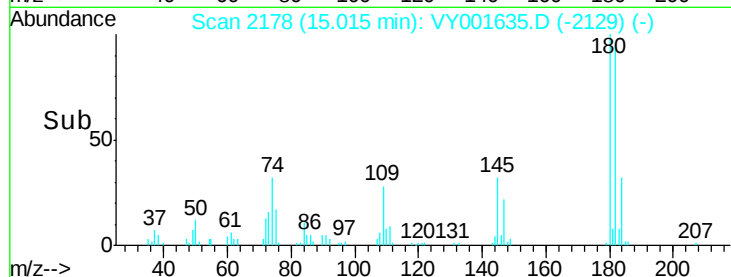
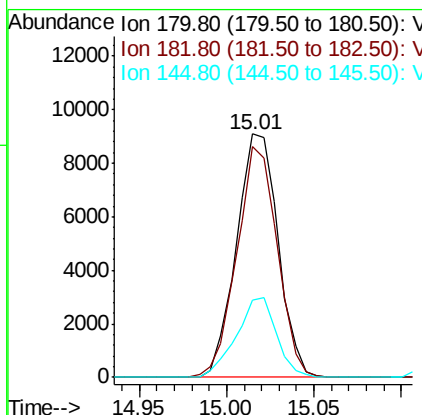
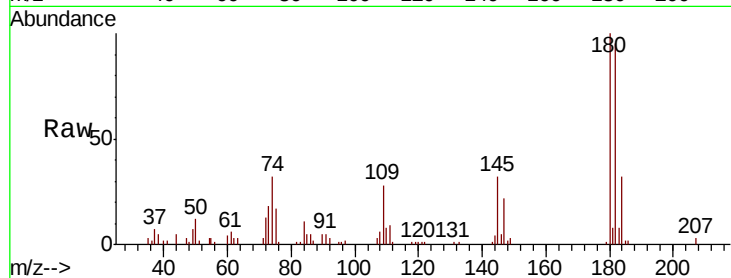




#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.348 ug/l  
 RT: 15.01 min Scan# 2178  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

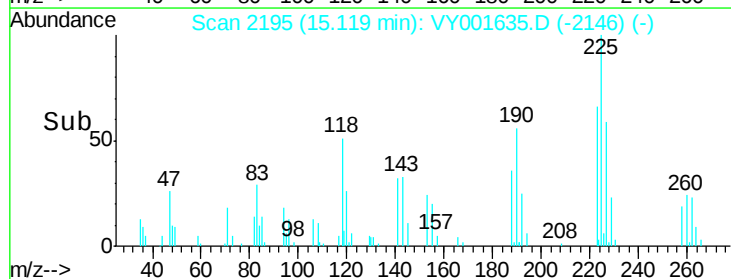
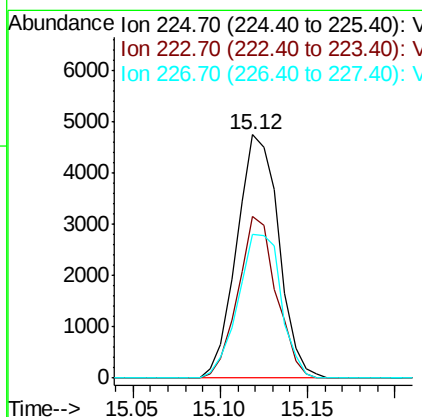
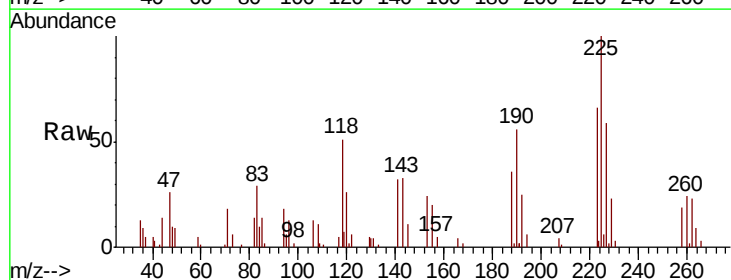
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

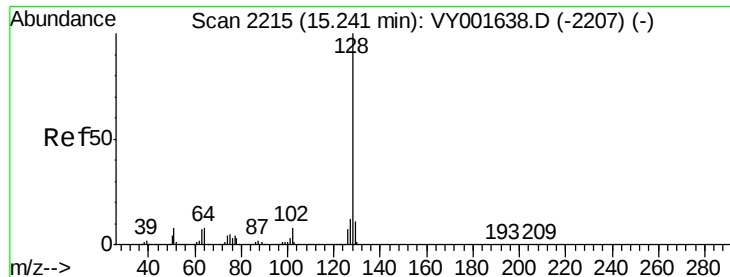
Tot Ion:180 Resp: 15063  
 Ion Ratio Lower Upper  
 180 100  
 182 92.1 46.9 140.7  
 145 31.6 15.6 46.8



#94  
 Hexachlorobutadiene  
 Concen: 5.610 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. -0.00 min  
 Lab File: VY001635.D  
 Acq: 17 Feb 2020 10:03

Tgt Ion:225 Resp: 7936  
 Ion Ratio Lower Upper  
 225 100  
 223 60.4 31.6 94.8  
 227 60.6 32.3 96.8

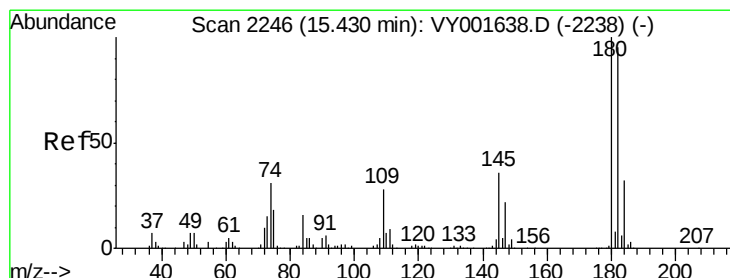
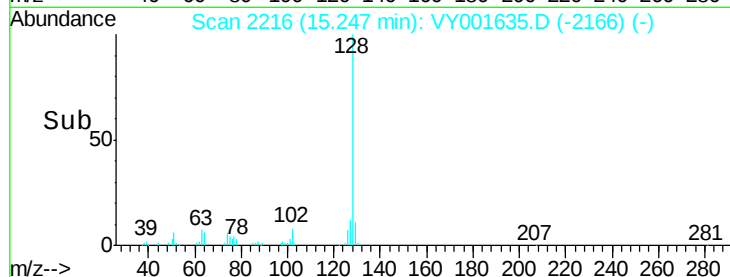
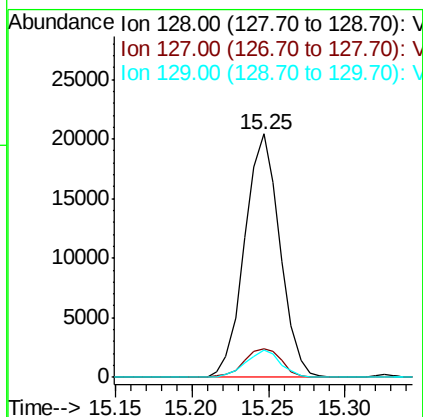
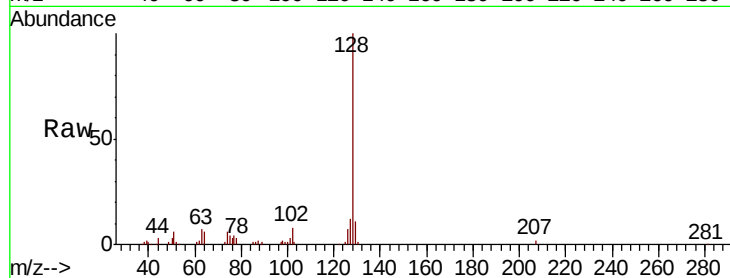




#95  
Naphthalene  
Concen: 4.897 ug/l  
RT: 15.25 min Scan# 2216  
Delta R.T. 0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tot Ion:128 Resp: 32720  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.2  
129 11.0 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 5.371 ug/l  
RT: 15.44 min Scan# 2247  
Delta R.T. 0.01 min  
Lab File: VY001635.D  
Acq: 17 Feb 2020 10:03

Tgt Ion:180 Resp: 13392  
Ion Ratio Lower Upper  
180 100  
182 93.0 46.9 140.7  
145 32.5 16.9 50.6

