

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX021518\  
 Data File : VX000101.D  
 Acq On : 15 Feb 2018 17:42  
 Operator : JC/MD  
 Sample : VX0215WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ClientSampleId :  
 VX0215WBSD01

Quant Time: Feb 16 12:14:48 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 12:46:41 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 105102   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 173386   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 170757   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 97124    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.08   | 65  | 65776    | 50.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.22% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 52126    | 47.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.26%  |      |
| 50) Toluene-d8            | 8.73   | 98  | 213761   | 49.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.04%  |      |
| 62) 4-Bromofluorobenzene  | 11.15  | 95  | 84207    | 49.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.50%  |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 23054  | 21.30  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 22128  | 20.85  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.40 | 62  | 25790  | 21.81  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 23085  | 23.38  | ug/l | 98     |
| 6) Chloroethane               | 1.73 | 64  | 15866  | 19.98  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 44389  | 20.99  | ug/l | 100    |
| 8) Diethyl Ether              | 2.20 | 74  | 15165  | 20.79  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 24848  | 21.03  | ug/l | 97     |
| 10) Methyl Iodide             | 2.52 | 142 | 20883  | 16.13  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.06 | 59  | 52649  | 104.09 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 21962  | 19.95  | ug/l | 91     |
| 13) Acrolein                  | 2.29 | 56  | 17122  | 70.87  | ug/l | 97     |
| 14) Allyl chloride            | 2.73 | 41  | 40402  | 21.93  | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 90571  | 104.85 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 94310  | 110.79 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 60233  | 18.59  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 42745  | 21.41  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 79092  | 20.93  | ug/l | 100    |
| 20) Methylene Chloride        | 2.86 | 84  | 23964  | 21.15  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 24076  | 20.18  | ug/l | 91     |
| 22) Diisopropyl ether         | 3.88 | 45  | 75130  | 23.34  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.83 | 43  | 350430 | 117.13 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.71 | 63  | 42235  | 22.14  | ug/l | 98     |
| 25) 2-Butanone                | 4.71 | 43  | 126103 | 106.11 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 32662  | 19.70  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 22832  | 20.08  | ug/l | 99     |
| 28) Bromochloromethane        | 5.03 | 49  | 17636  | 20.62  | ug/l | 92     |
| 29) Tetrahydrofuran           | 5.18 | 42  | 81113  | 104.82 | ug/l | 98     |
| 30) Chloroform                | 5.22 | 83  | 40875  | 20.36  | ug/l | 97     |
| 31) Cyclohexane               | 5.58 | 56  | 33952  | 20.70  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97  | 37293  | 20.19  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 32396  | 20.82  | ug/l | 96     |
| 37) Ethyl Acetate             | 4.87 | 43  | 43481  | 20.34  | ug/l | 97     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 32922  | 19.59  | ug/l | 96     |

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 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 12:46:41 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 40527    | 21.63  | ug/l   | 97       |
| 40) Benzene                    | 6.15  | 78   | 90539    | 20.37  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.07  | 41   | 22337    | 21.47  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 34631    | 21.23  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 65553    | 21.27  | ug/l   | 98       |
| 44) Trichloroethene            | 7.22  | 130  | 26539    | 20.27  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 22991    | 21.10  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 17848    | 20.99  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.91  | 83   | 32830    | 20.91  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.79  | 41   | 31397    | 20.78  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.77  | 88   | 16222    | 409.43 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 240340   | 106.66 | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 62120    | 20.92  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 39449    | 21.36  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 38981    | 21.26  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.23  | 97   | 25723    | 20.94  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 40037    | 21.24  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 41778    | 21.42  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 97273    | 102.11 | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.51  | 43   | 205821   | 107.88 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 28148    | 20.23  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 28172    | 20.67  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 25835    | 20.78  | ug/l   | 92       |
| 65) Chlorobenzene              | 10.15 | 112  | 73448    | 20.37  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 26069    | 20.67  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.26 | 91   | 125365   | 20.72  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.37 | 106  | 99659    | 41.59  | ug/l   | 99       |
| 69) o-Xylene                   | 10.71 | 106  | 47295    | 20.46  | ug/l   | 95       |
| 70) Styrene                    | 10.72 | 104  | 79223    | 20.96  | ug/l   | 99       |
| 71) Bromoform                  | 10.87 | 173  | 22259    | 19.43  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 129646   | 21.06  | ug/l   | 99       |
| 74) N-amyl acetate             | 6.48  | 43   | 65553    | 21.08  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.28 | 83   | 44208    | 20.62  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 54533    | 27.10  | ug/l   | 80       |
| 77) Bromobenzene               | 11.26 | 156  | 32992    | 19.78  | ug/l   | 94       |
| 78) n-propylbenzene            | 11.37 | 91   | 154109   | 21.24  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 86004    | 20.71  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 110788   | 21.29  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 13815    | 19.56  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 104472   | 20.80  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 11.78 | 119  | 110200   | 20.97  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.82 | 105  | 114899   | 21.27  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.96 | 105  | 139767   | 21.42  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 124807   | 21.40  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.04 | 146  | 65083    | 20.34  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.11 | 146  | 66695    | 20.17  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.40 | 91   | 118966   | 21.63  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 19992    | 21.06  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 63665    | 20.21  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 13204    | 22.19  | ug/l   | 90       |

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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

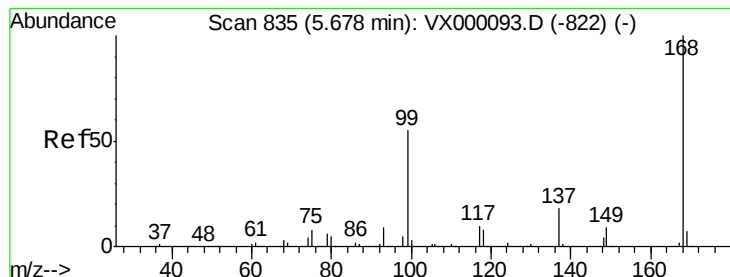
Instrument :  
ClientSampleId :  
VX0215WBSD01

Quant Time: Feb 16 12:14:48 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 15 12:46:41 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.66 | 180  | 46953    | 19.87 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 20182    | 19.57 | ug/l  | 100      |
| 95) Naphthalene            | 13.85 | 128  | 165476   | 20.65 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.03 | 180  | 45855    | 19.66 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampleId :

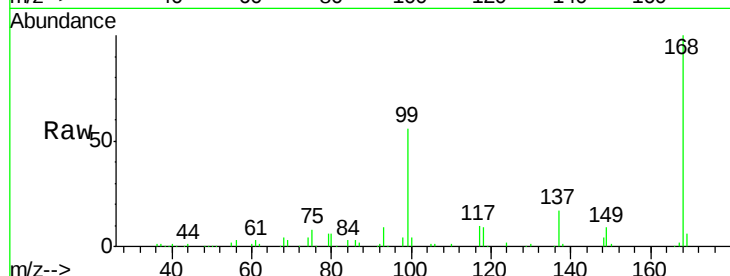
VX0215WBSD01

Tgt Ion:168 Resp: 105102

Ion Ratio Lower Upper

168 100

99 56.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

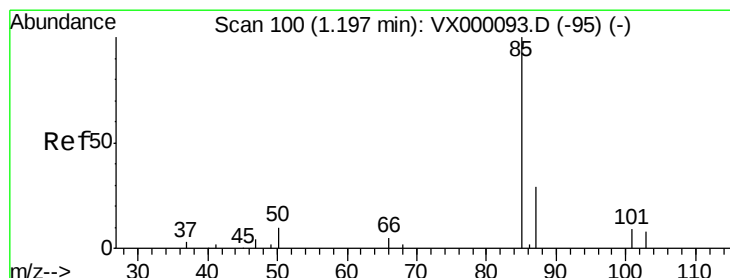
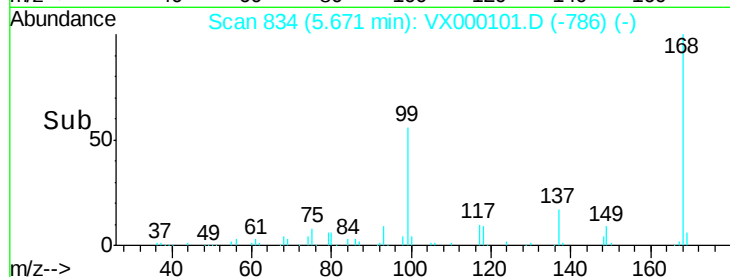
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.30 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000101.D

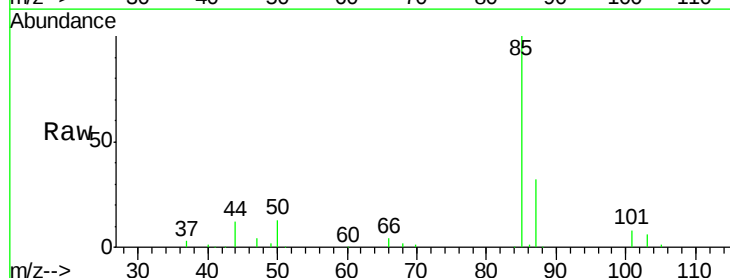
Acq: 15 Feb 2018 17:42

Tgt Ion: 85 Resp: 23054

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

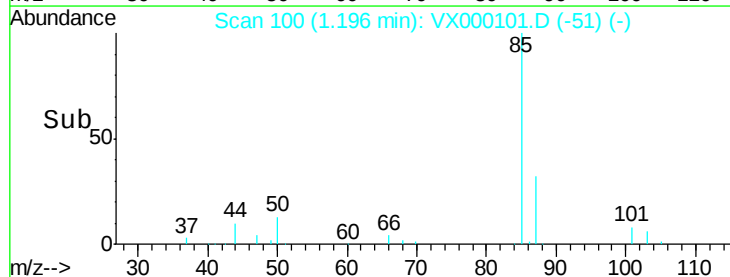
15000

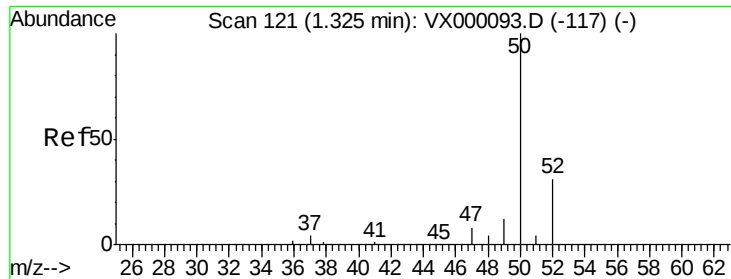
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 20.85 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

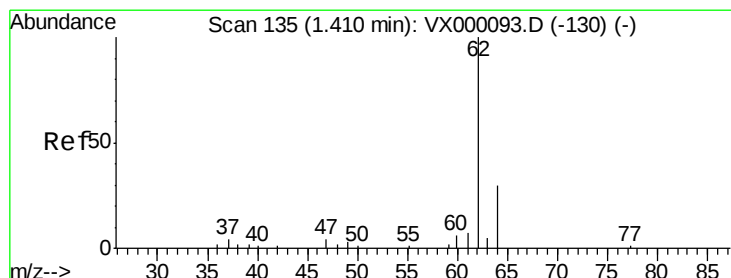
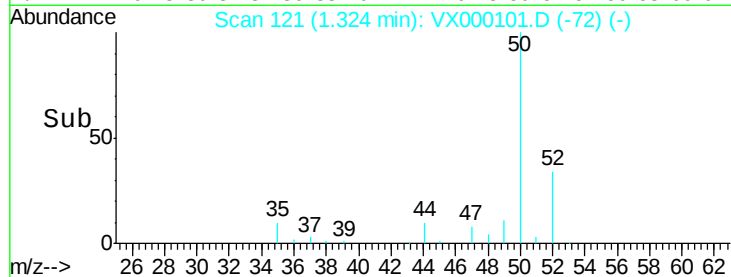
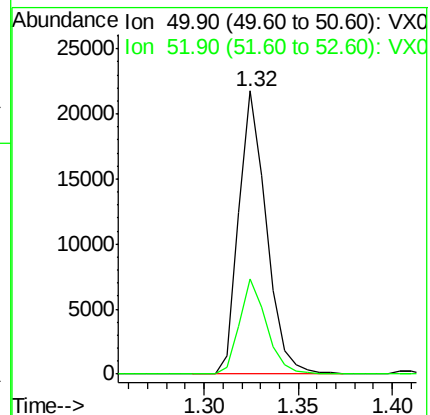
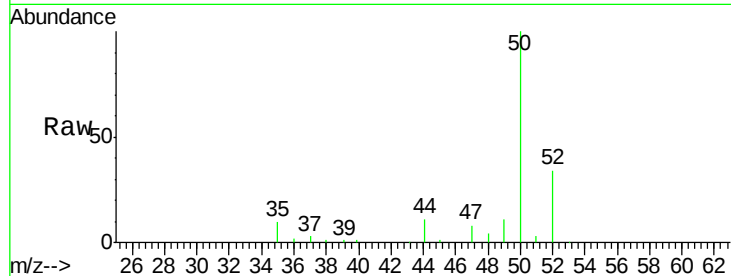
Instrument :  
ClientSampled :  
VX0215WBSD01

Tgt Ion: 50 Resp: 22128

Ion Ratio Lower Upper

50 100

52 33.8 25.9 38.9



#4

Vinyl Chloride

Concen: 21.81 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000101.D

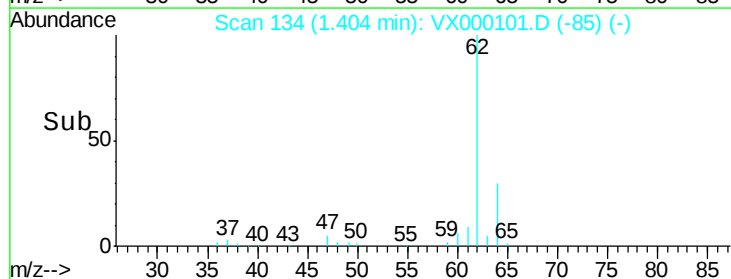
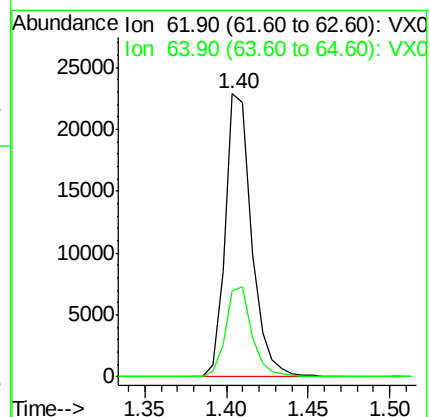
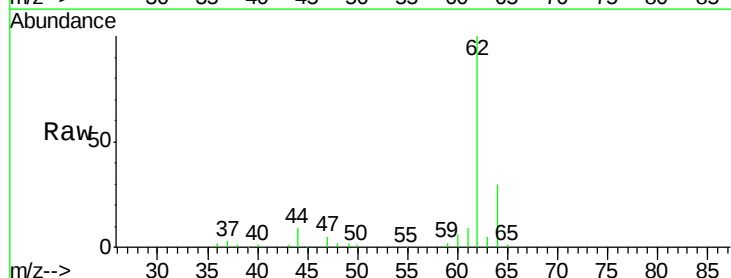
Acq: 15 Feb 2018 17:42

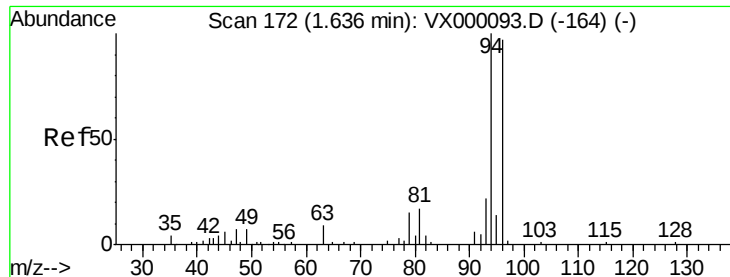
Tgt Ion: 62 Resp: 25790

Ion Ratio Lower Upper

62 100

64 30.4 24.6 37.0





#5

Bromomethane

Concen: 23.38 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

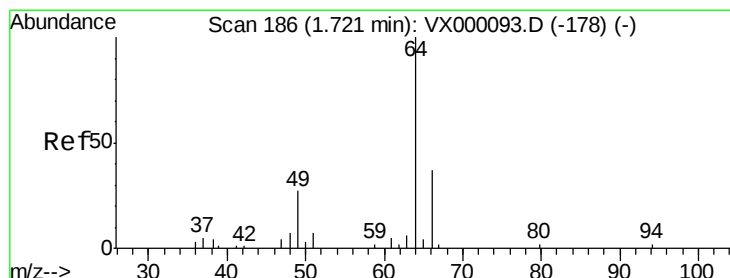
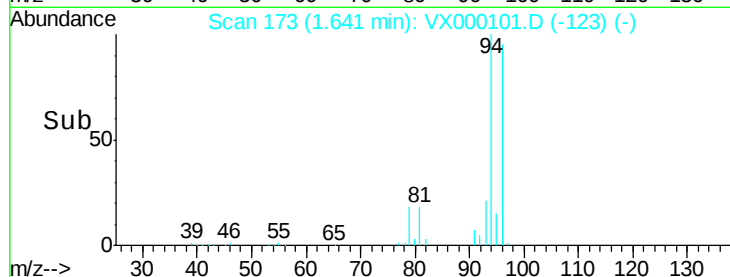
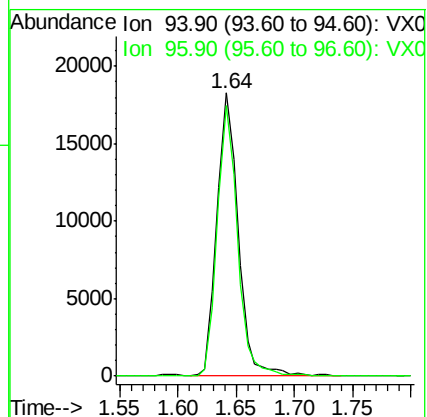
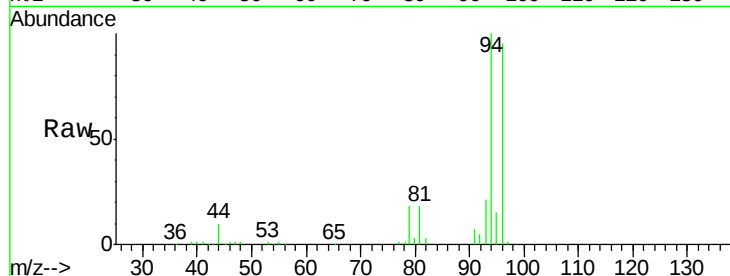
Instrument :  
ClientSampled :  
VX0215WBSD01

Tgt Ion: 94 Resp: 23085

Ion Ratio Lower Upper

94 100

96 95.4 74.6 112.0



#6

Chloroethane

Concen: 19.98 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000101.D

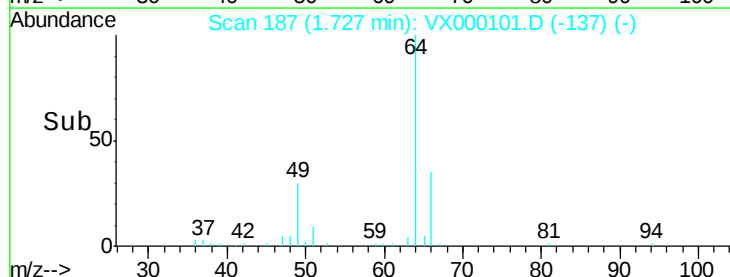
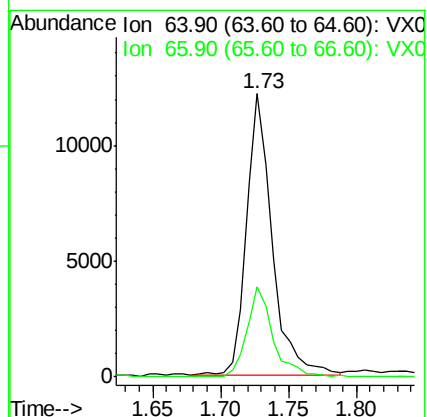
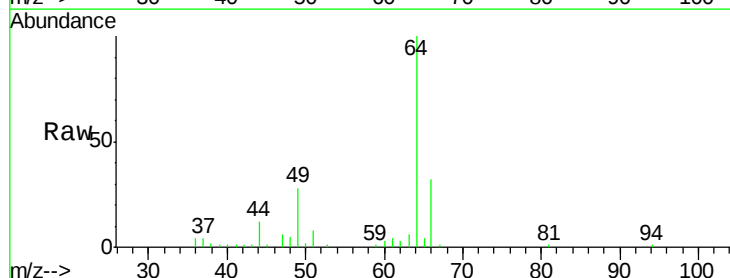
Acq: 15 Feb 2018 17:42

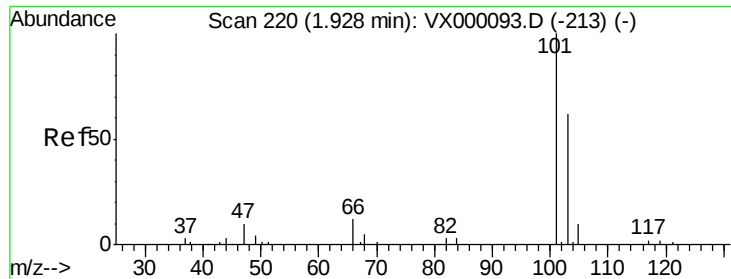
Tgt Ion: 64 Resp: 15866

Ion Ratio Lower Upper

64 100

66 31.9 26.0 39.0



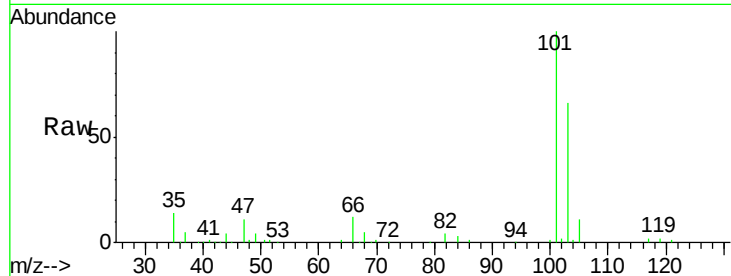


#7

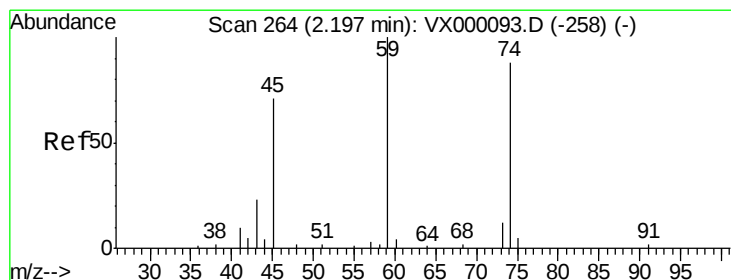
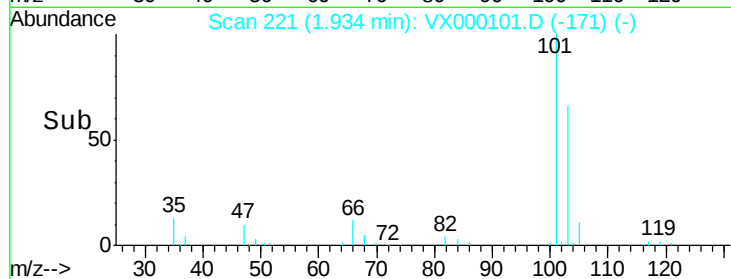
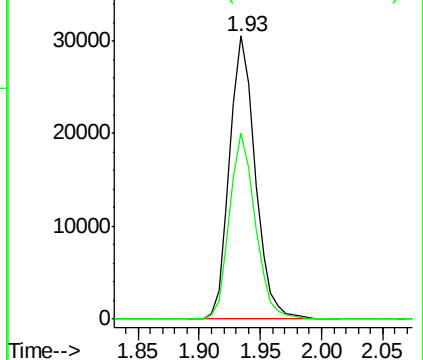
Trichlorofluoromethane  
Concen: 20.99 ug/l  
RT: 1.93 min Scan# 221  
Delta R.T. 0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Instrument :  
ClientSampled :  
VX0215WBSD01

Tgt Ion:101 Resp: 44389  
Ion Ratio Lower Upper  
101 100  
103 65.7 52.7 79.1



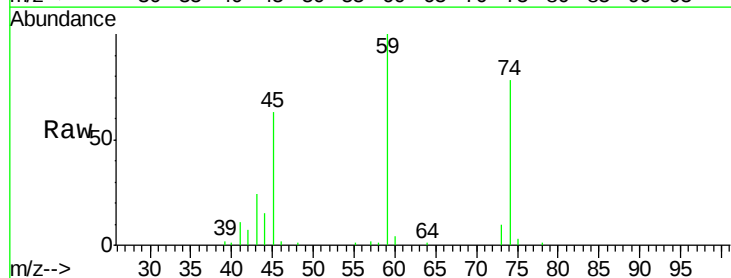
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



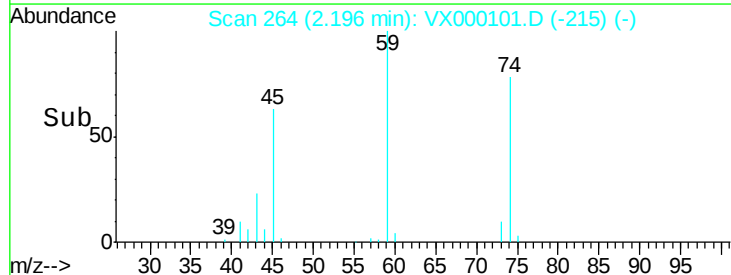
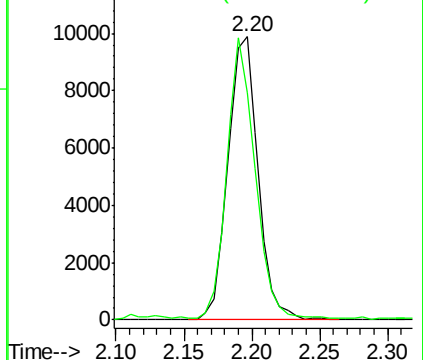
#8

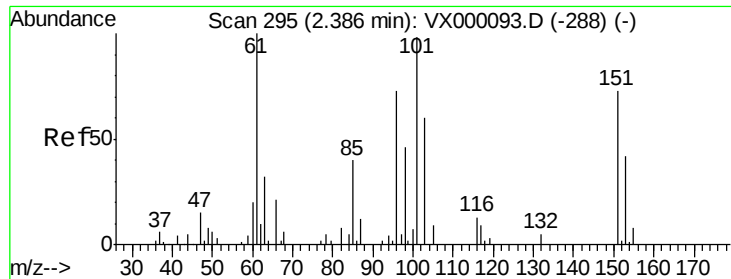
Diethyl Ether  
Concen: 20.79 ug/l  
RT: 2.20 min Scan# 264  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 74 Resp: 15165  
Ion Ratio Lower Upper  
74 100  
45 95.2 44.7 134.1



Abundance Ion 74.00 (73.70 to 74.70): VX0  
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.03 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampleId :

VX0215WBSD01

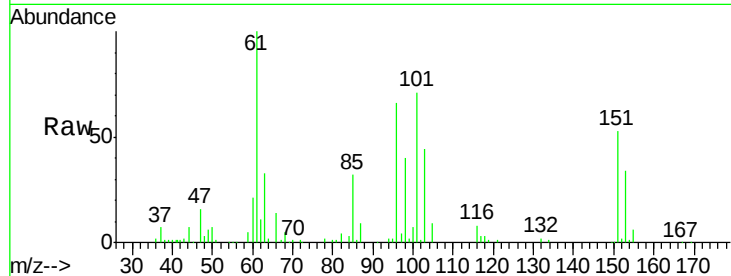
Tgt Ion:101 Resp: 24848

Ion Ratio Lower Upper

101 100

85 47.3 36.7 55.1

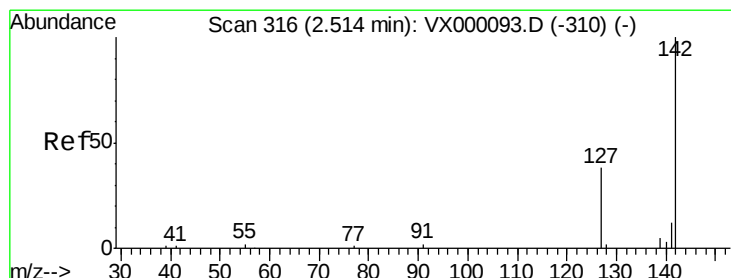
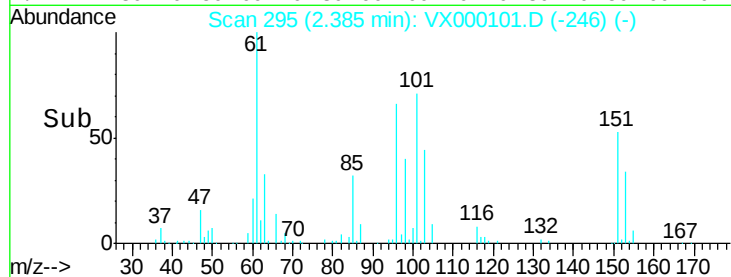
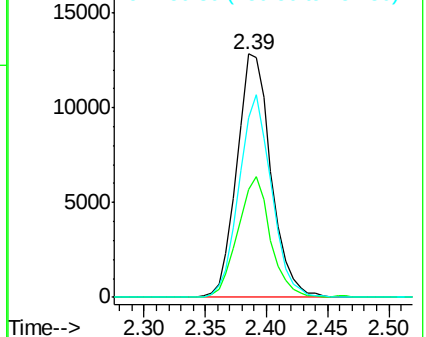
151 79.2 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.13 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

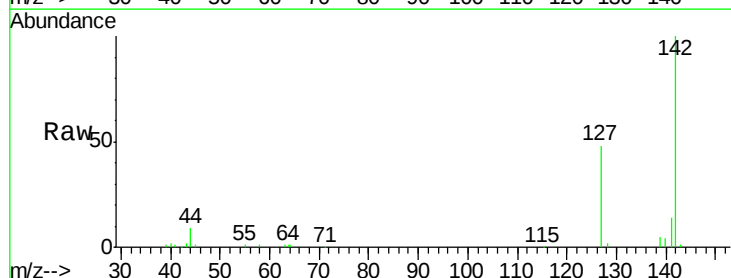
Tgt Ion:142 Resp: 20883

Ion Ratio Lower Upper

142 100

127 49.0 36.8 55.2

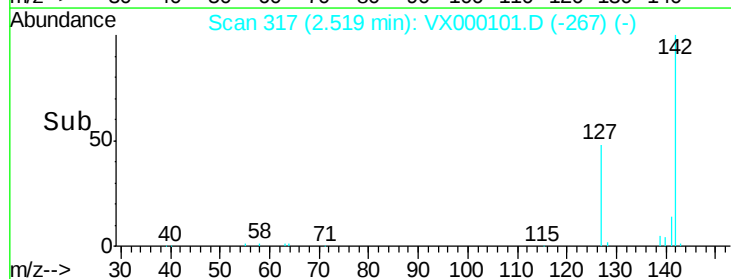
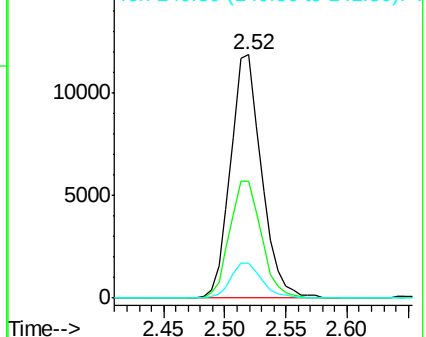
141 14.6 11.6 17.4

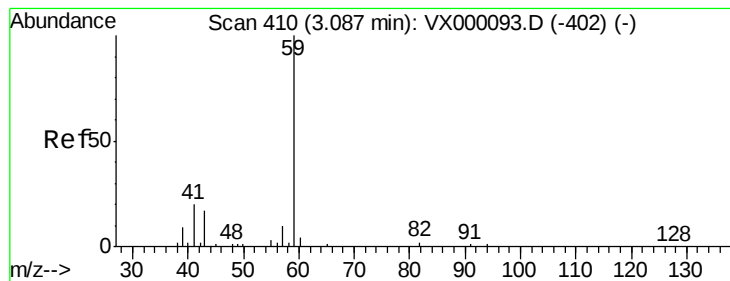


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



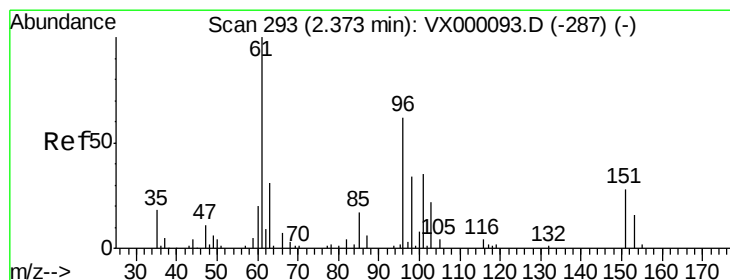
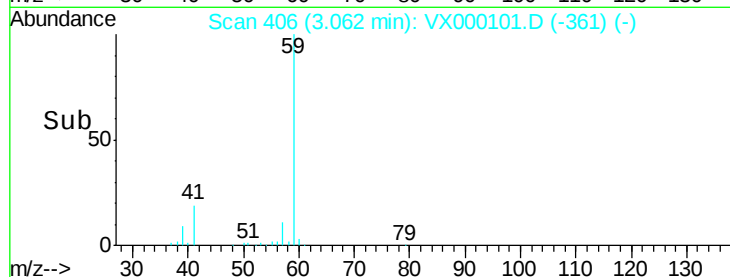
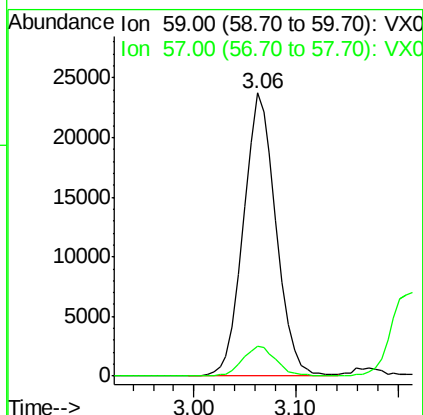
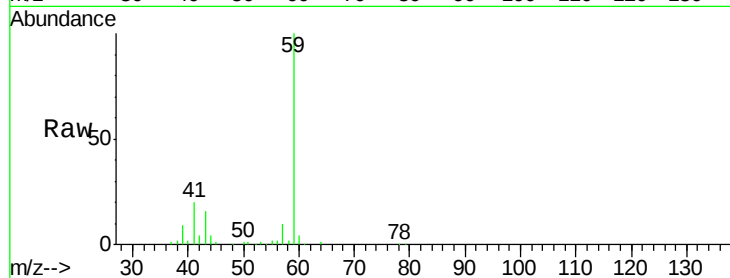


#11

Tert butyl alcohol  
 Concen: 104.09 ug/l  
 RT: 3.06 min Scan# 406  
 Delta R.T. -0.02 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Instrument :  
 ClientSampled :  
 VX0215WBSD01

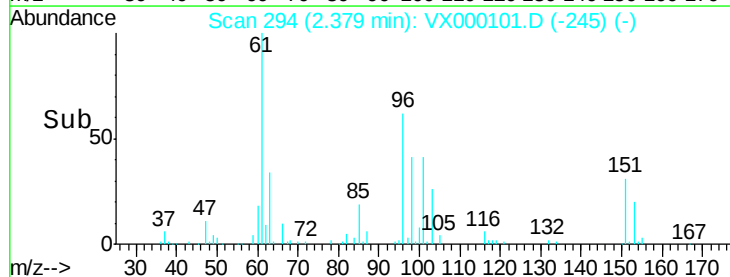
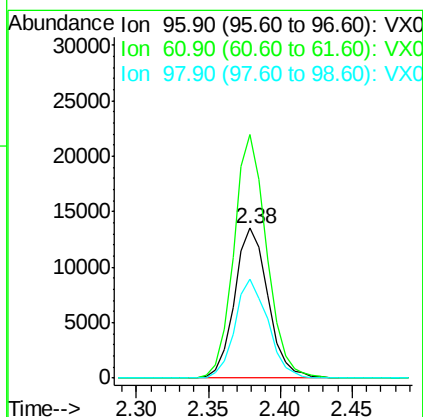
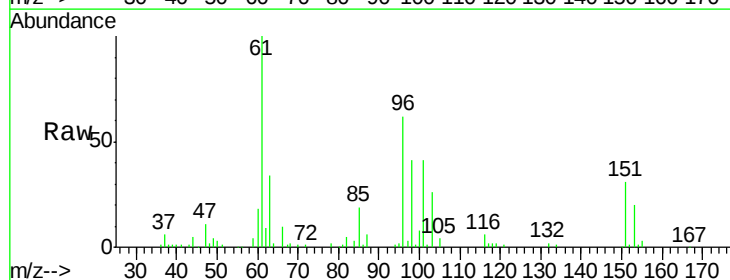
Tgt Ion: 59 Resp: 52649  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 8.3 12.5

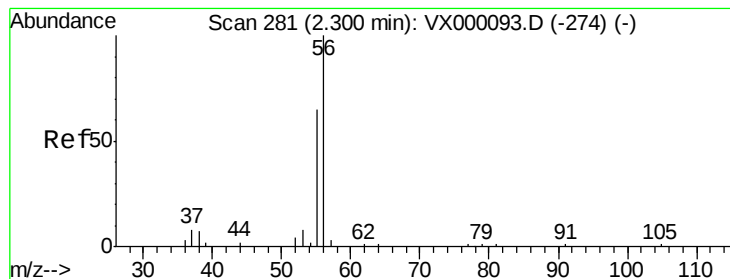


#12

1,1-Dichloroethene  
 Concen: 19.95 ug/l  
 RT: 2.38 min Scan# 294  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Tgt Ion: 96 Resp: 21962  
 Ion Ratio Lower Upper  
 96 100  
 61 162.4 117.7 176.5  
 98 66.0 51.3 76.9





#13

Acrolein

Concen: 70.87 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

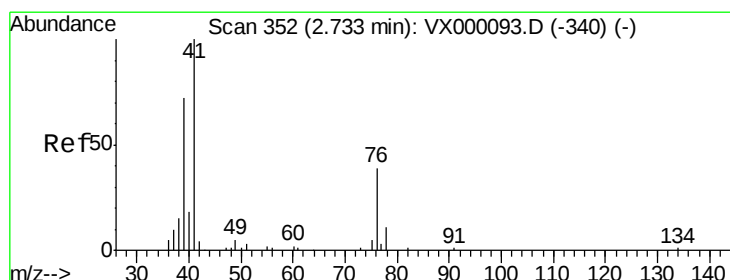
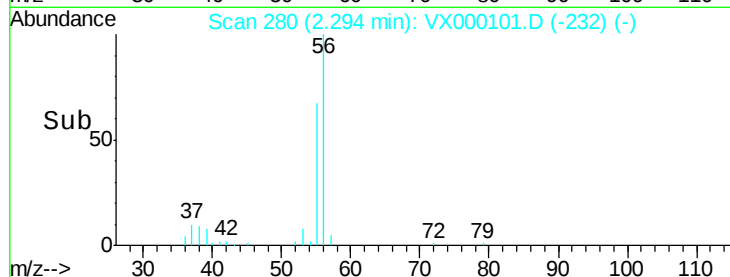
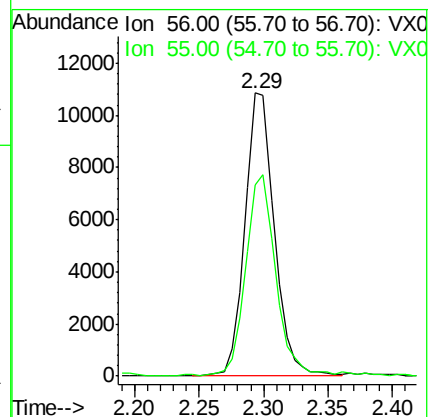
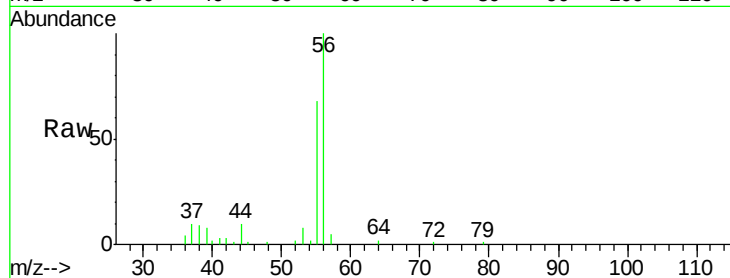
Instrument :  
ClientSampled :  
VX0215WBSD01

Tgt Ion: 56 Resp: 17122

Ion Ratio Lower Upper

56 100

55 72.4 56.2 84.4



#14

Allyl chloride

Concen: 21.93 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

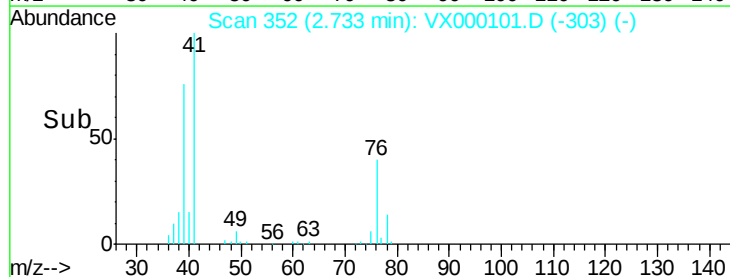
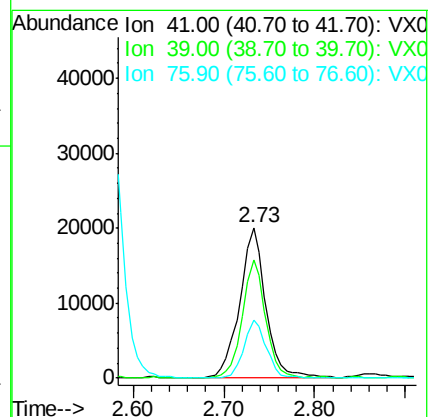
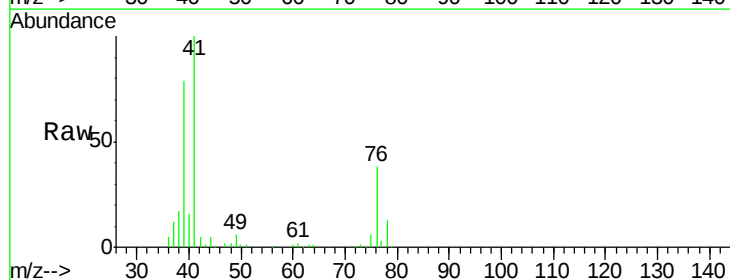
Tgt Ion: 41 Resp: 40402

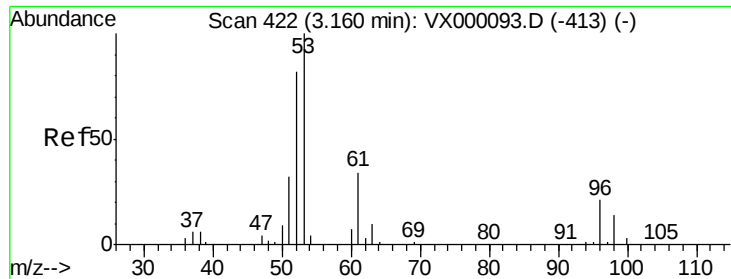
Ion Ratio Lower Upper

41 100

39 68.7 55.1 82.7

76 32.8 28.5 42.7





#15

Acrylonitrile

Concen: 104.85 ug/l

RT: 3.15 min Scan# 421

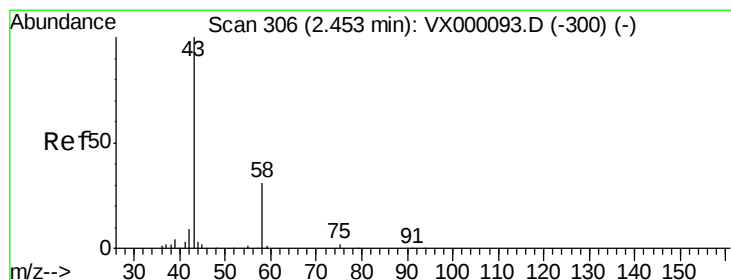
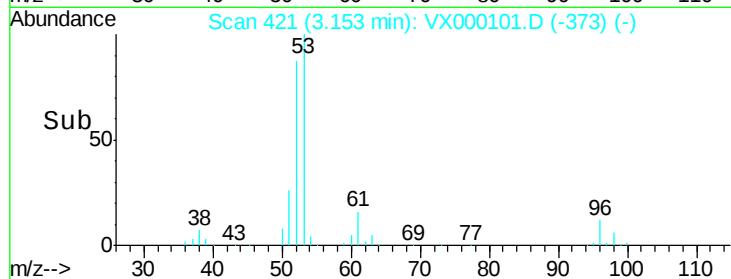
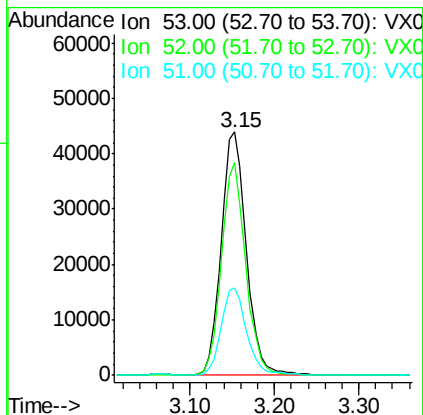
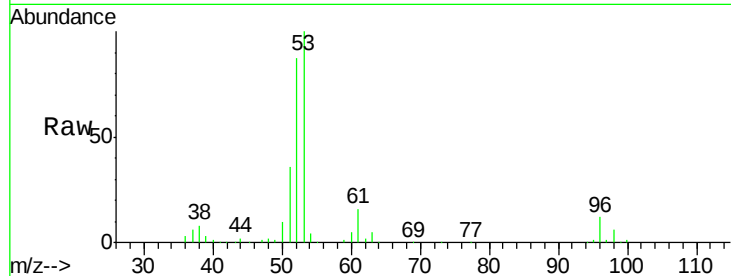
Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :  
ClientSampleId :  
VX0215WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 90571 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.1  | 66.5  | 99.7  |
| 51       | 36.7  | 29.0  | 43.6  |



#16

Acetone

Concen: 110.79 ug/l

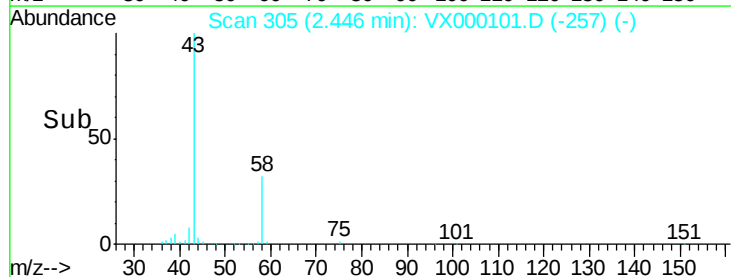
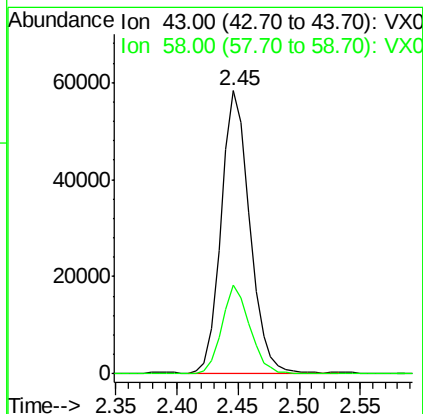
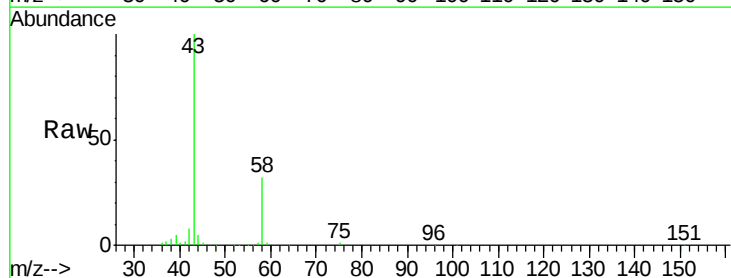
RT: 2.45 min Scan# 305

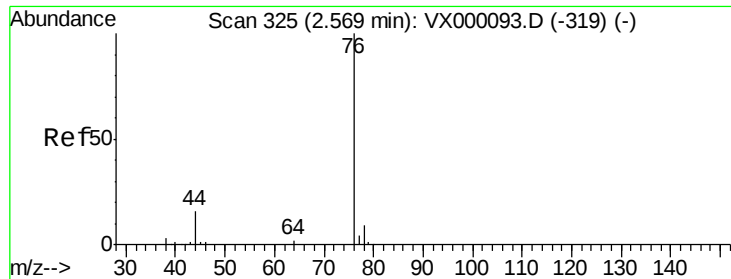
Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 94310 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.7  | 25.0  | 37.4  |

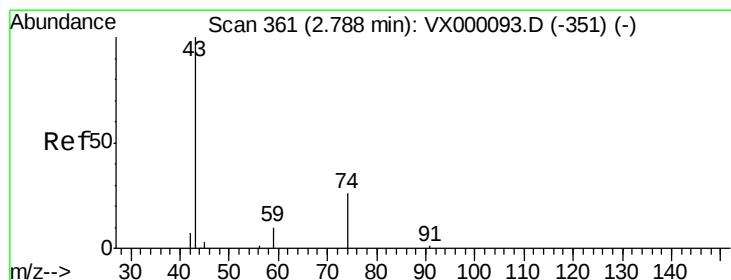
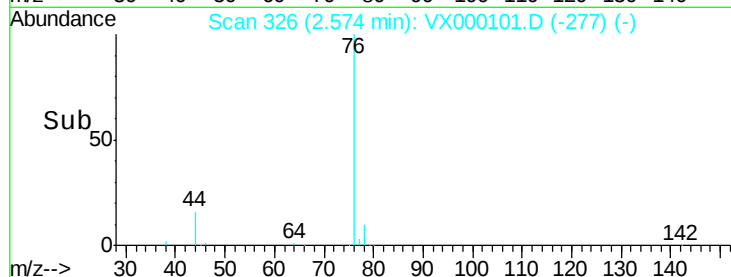
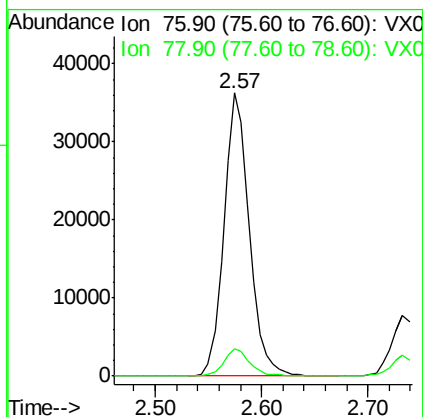
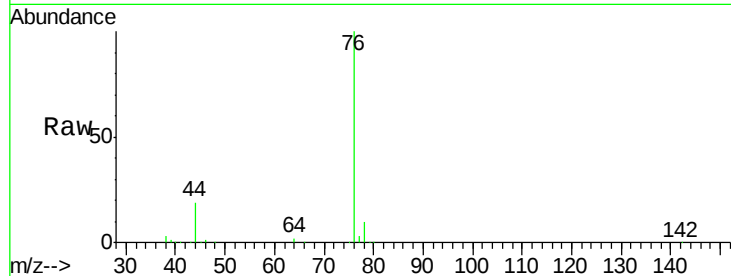




#17  
Carbon Disulfide  
Concen: 18.59 ug/l  
RT: 2.57 min Scan# 326  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

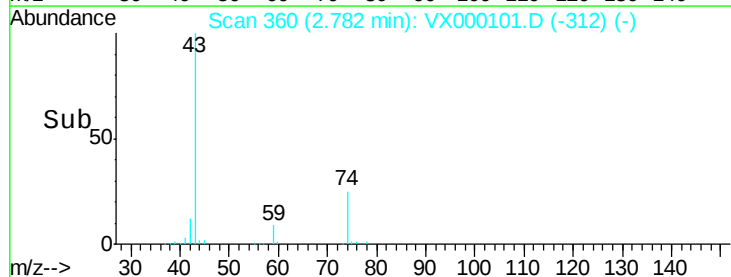
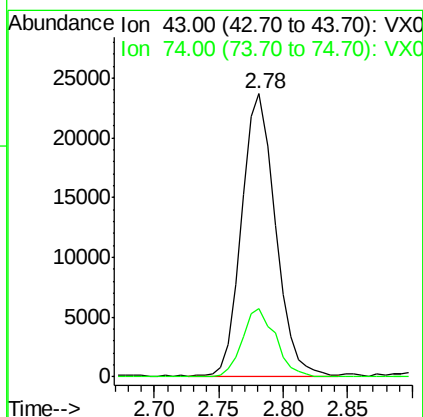
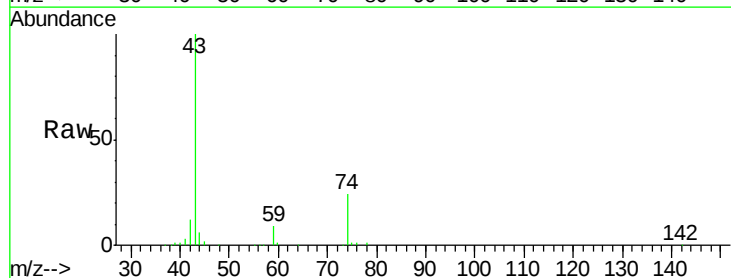
Instrument :  
ClientSampled :  
VX0215WBSD01

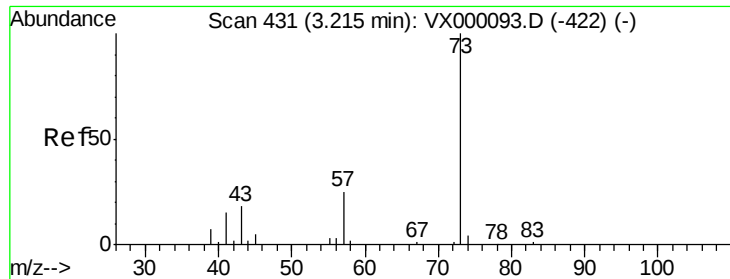
Tgt Ion: 76 Resp: 60233  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.8 11.8



#18  
Methyl Acetate  
Concen: 21.41 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 43 Resp: 42745  
Ion Ratio Lower Upper  
43 100  
74 24.3 20.2 30.4

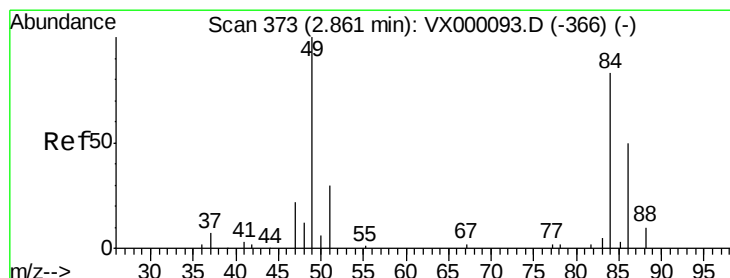
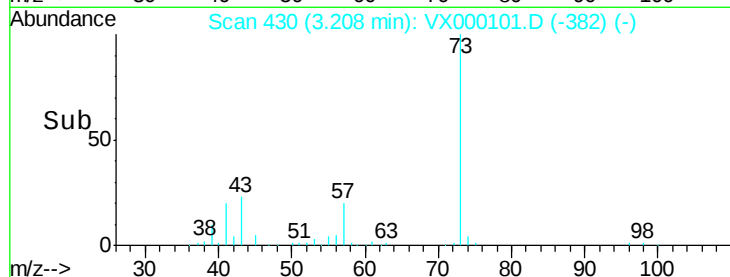
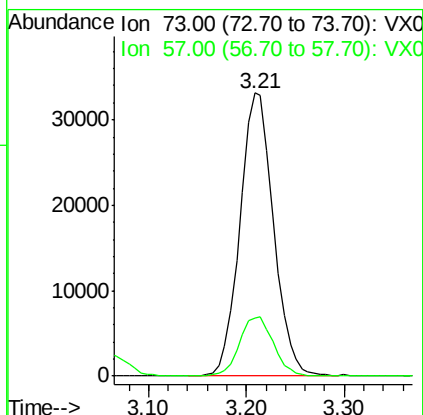
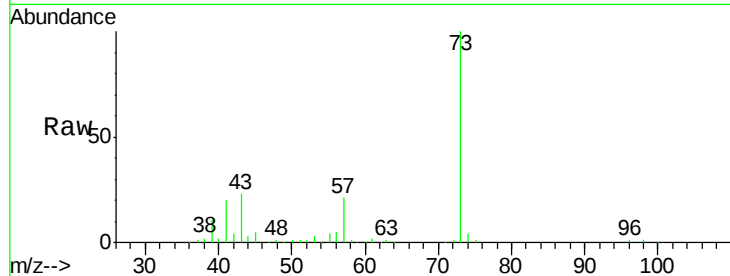




#19  
Methyl tert-butyl Ether  
Concen: 20.93 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

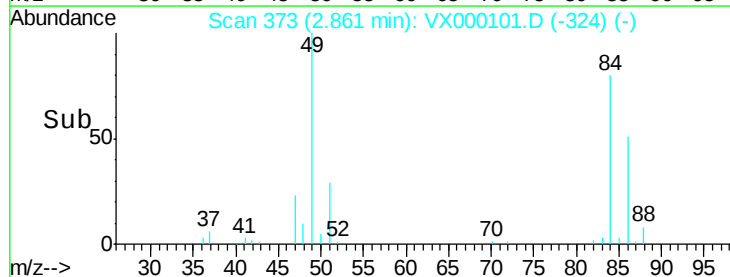
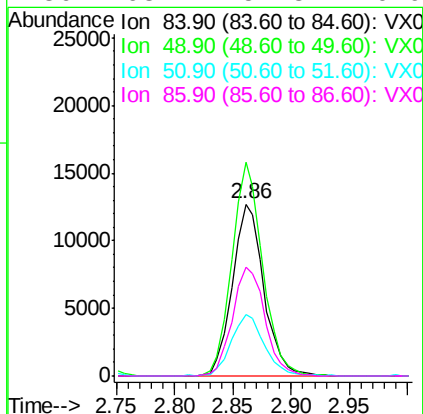
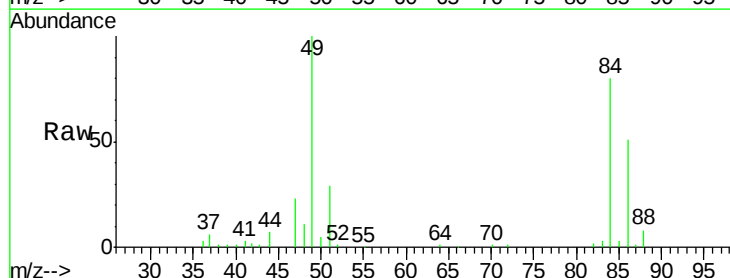
Instrument :  
ClientSampled :  
VX0215WBSD01

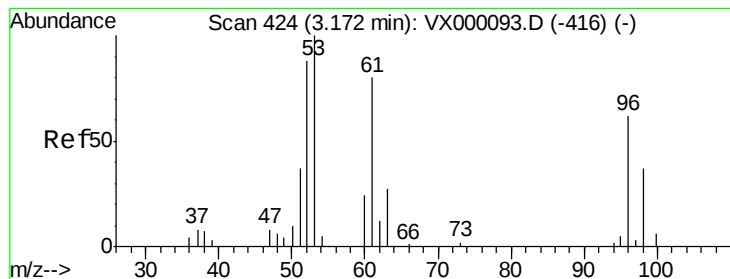
Tgt Ion: 73 Resp: 79092  
Ion Ratio Lower Upper  
73 100  
57 20.5 16.4 24.6



#20  
Methylene Chloride  
Concen: 21.15 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 84 Resp: 23964  
Ion Ratio Lower Upper  
84 100  
49 124.4 96.1 144.1  
51 35.6 30.5 45.7  
86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.18 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :  
ClientSampled :  
VX0215WBSD01

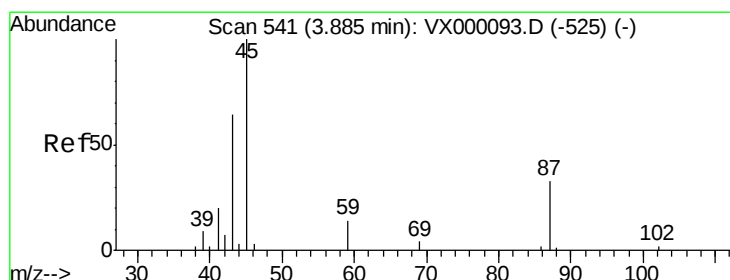
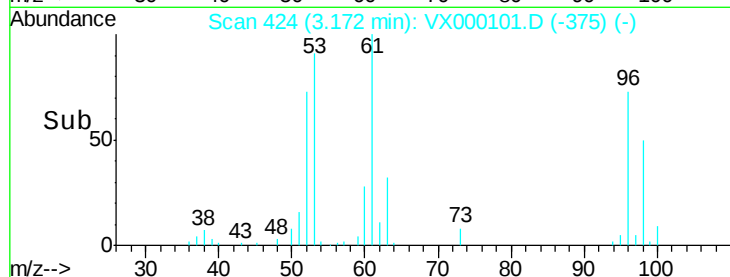
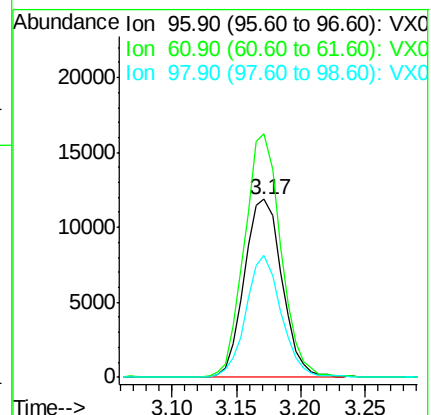
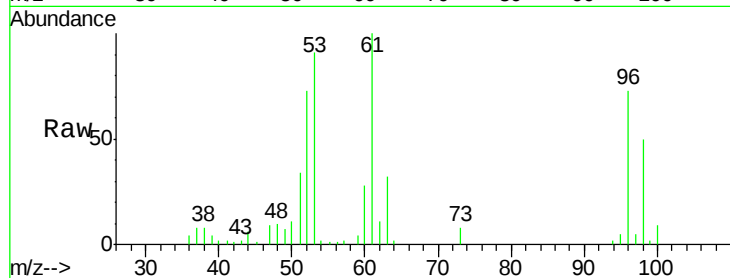
Tgt Ion: 96 Resp: 24076

Ion Ratio Lower Upper

96 100

61 136.7 100.3 150.5

98 68.6 50.6 75.8



#22

Diisopropyl ether

Concen: 23.34 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Tgt Ion: 45 Resp: 75130

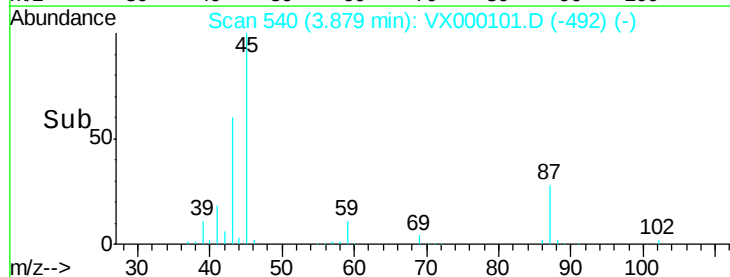
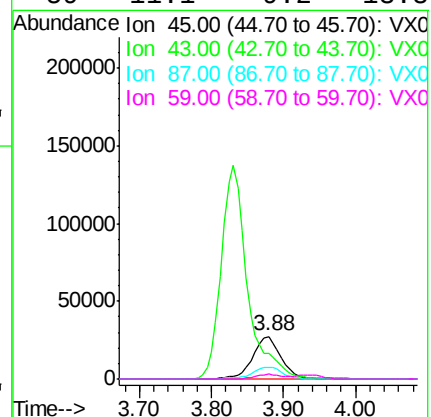
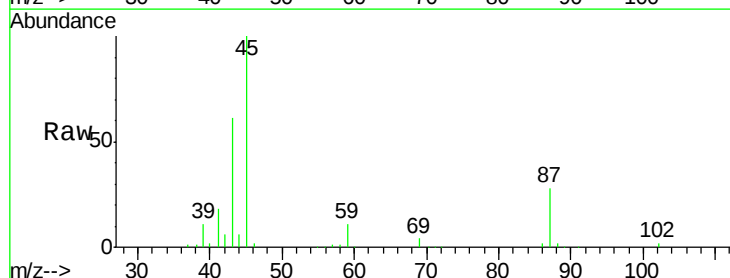
Ion Ratio Lower Upper

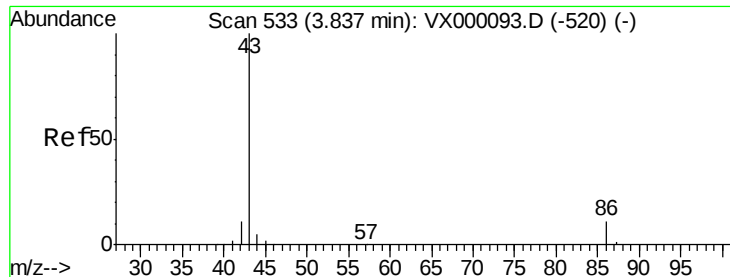
45 100

43 59.9 47.4 71.2

87 28.3 24.2 36.2

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 117.13 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

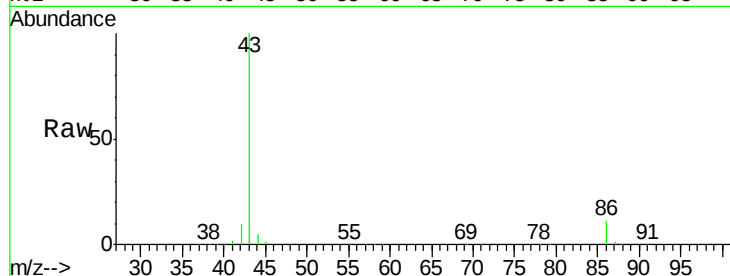
VX0215WBSD01

Tgt Ion: 43 Resp: 350430

Ion Ratio Lower Upper

43 100

86 10.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

150000

100000

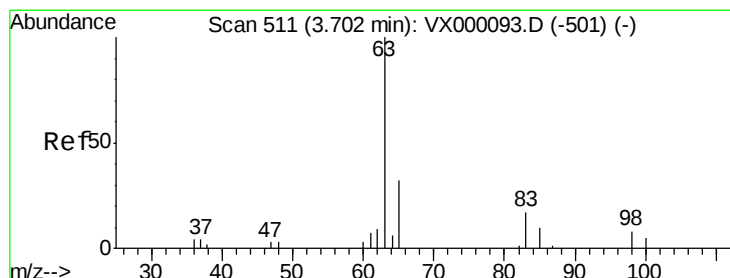
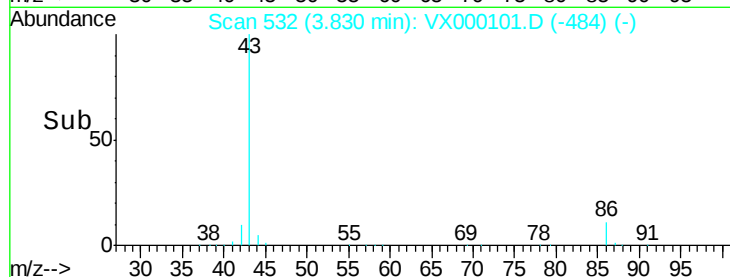
50000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 22.14 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

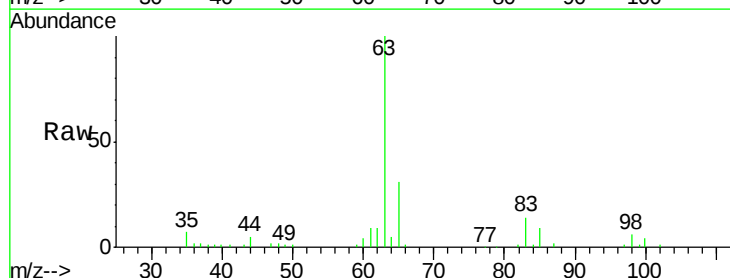
Tgt Ion: 63 Resp: 42235

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.71

20000

15000

10000

5000

0

3.60

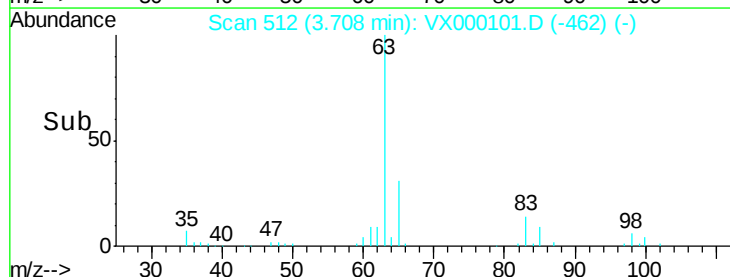
3.65

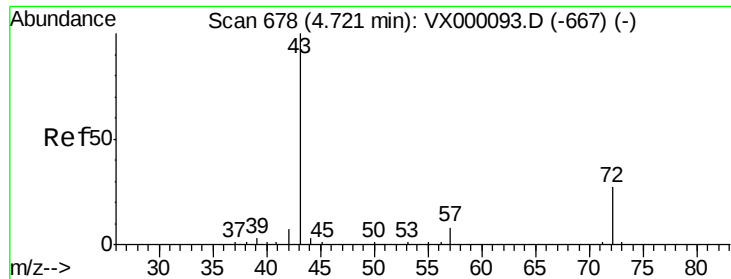
3.70

3.75

3.80

Time-->

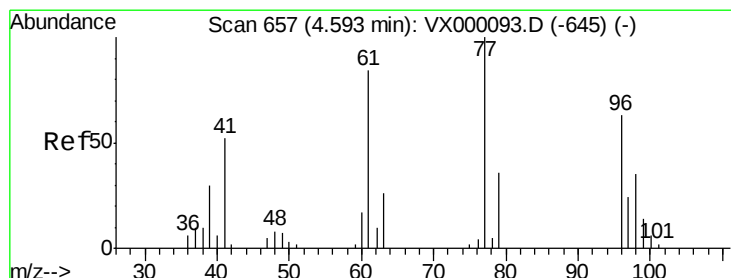
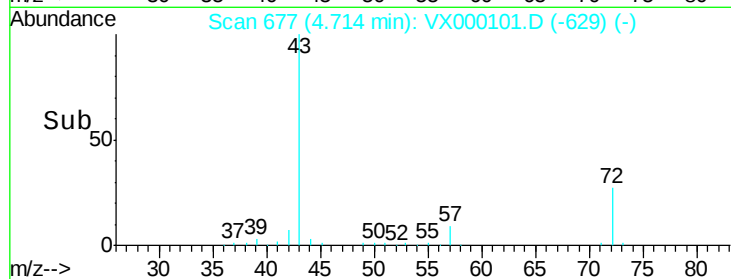
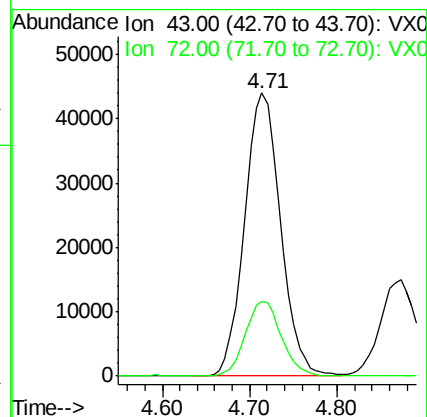
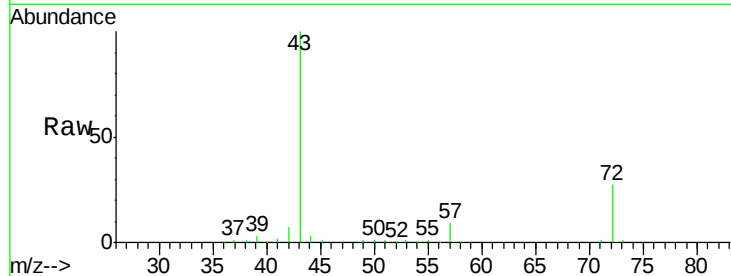




#25  
2-Butanone  
Concen: 106.11 ug/l  
RT: 4.71 min Scan# 677  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

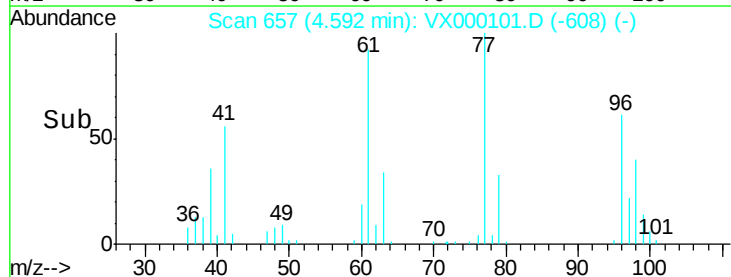
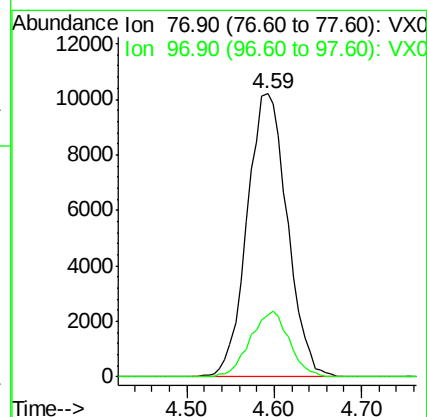
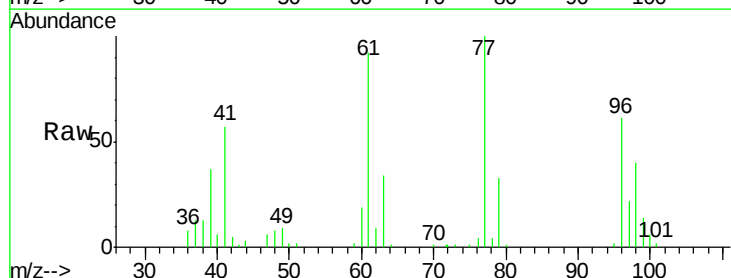
Instrument :  
Client Sampled :  
VX0215WBSD01

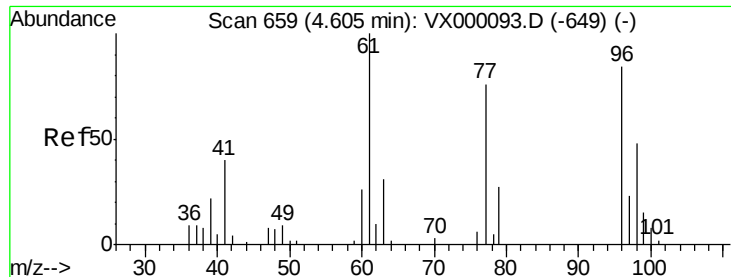
Tgt Ion: 43 Resp: 126103  
Ion Ratio Lower Upper  
43 100  
72 26.6 21.3 31.9



#26  
2,2-Dichloropropane  
Concen: 19.70 ug/l  
RT: 4.59 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 77 Resp: 32662  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.08 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

VX0215WBSD01

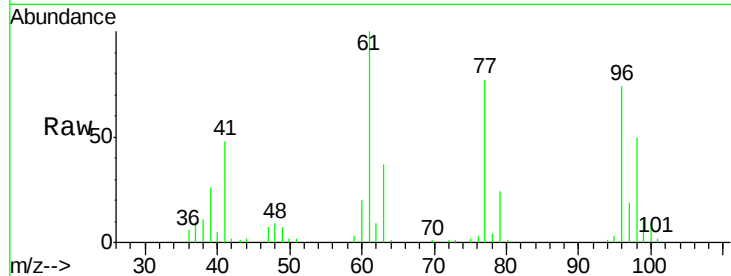
Tgt Ion: 96 Resp: 22832

Ion Ratio Lower Upper

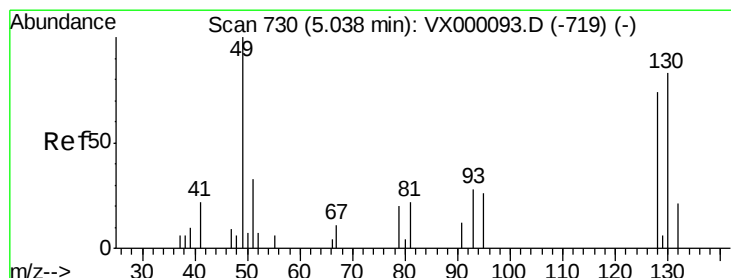
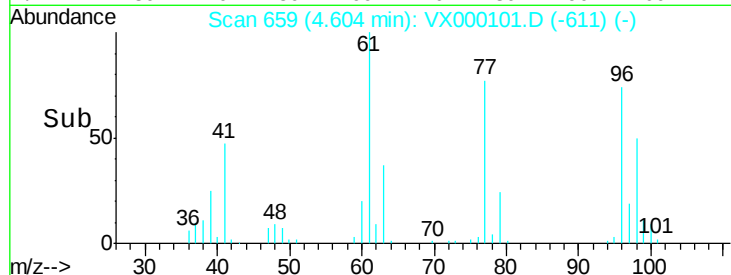
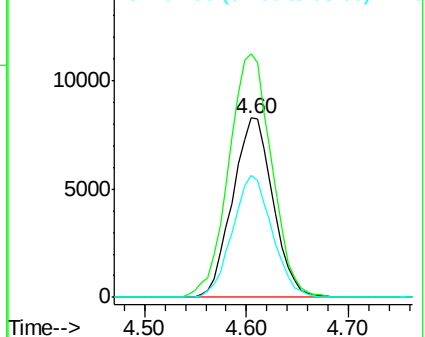
96 100

61 143.7 0.0 285.6

98 66.5 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.62 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

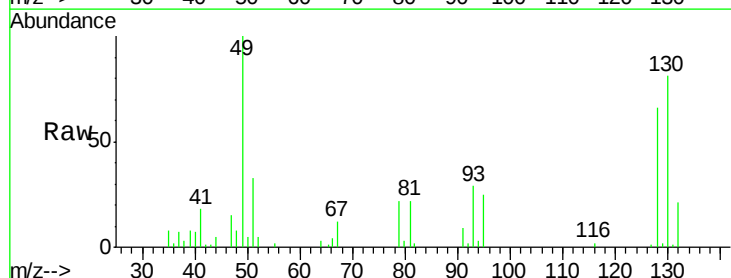
Tgt Ion: 49 Resp: 17636

Ion Ratio Lower Upper

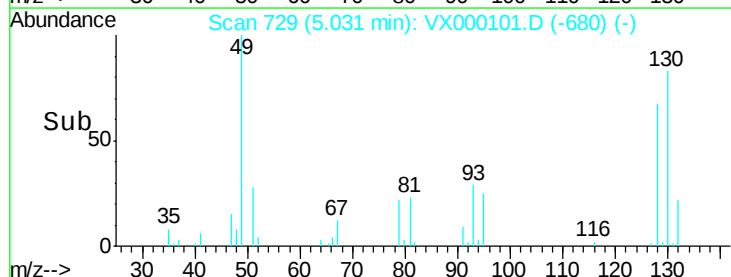
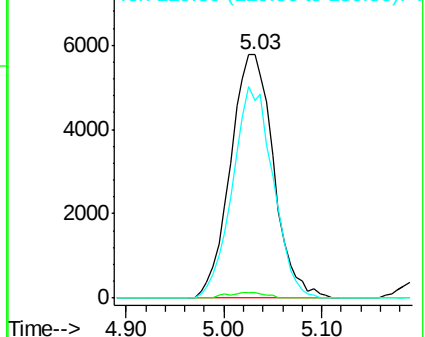
49 100

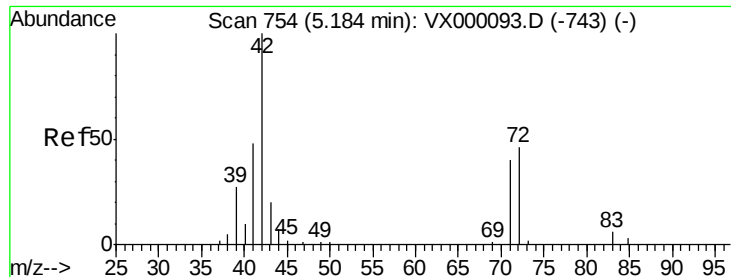
129 2.1 0.0 5.0

130 82.1 71.9 107.9



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

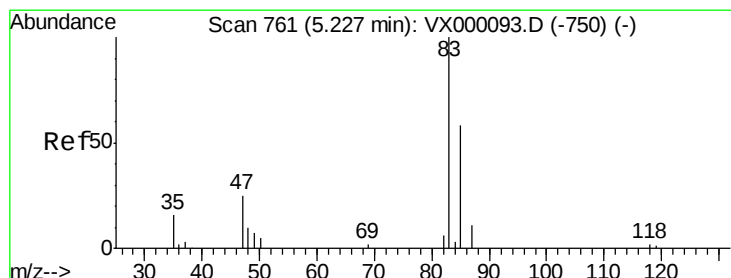
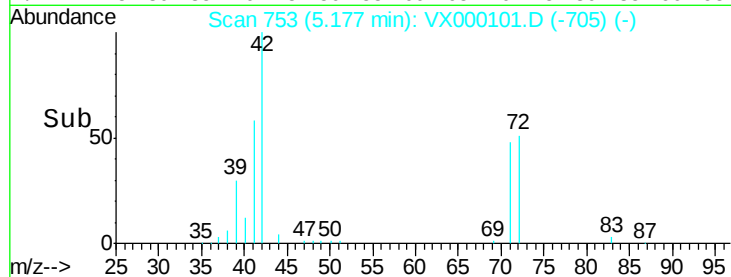
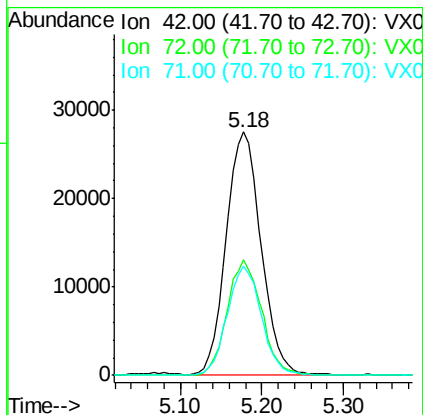
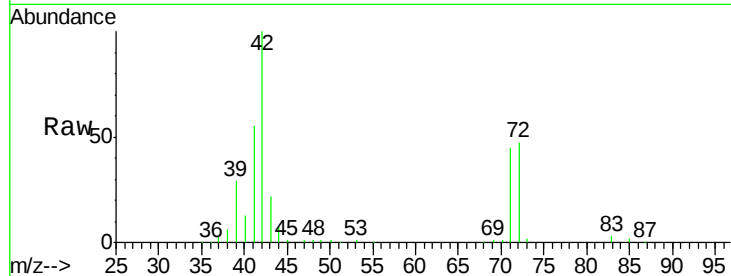




#29  
Tetrahydrofuran  
Concen: 104.82 ug/l  
RT: 5.18 min Scan# 753  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

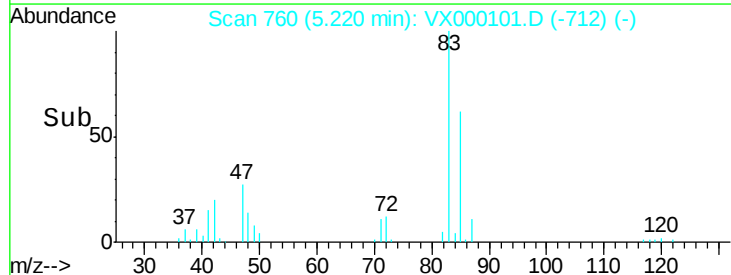
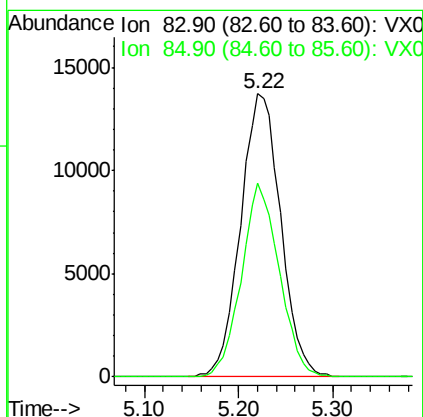
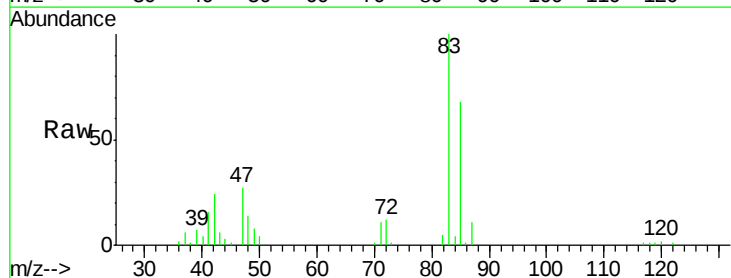
Instrument :  
ClientSampleId :  
VX0215WBSD01

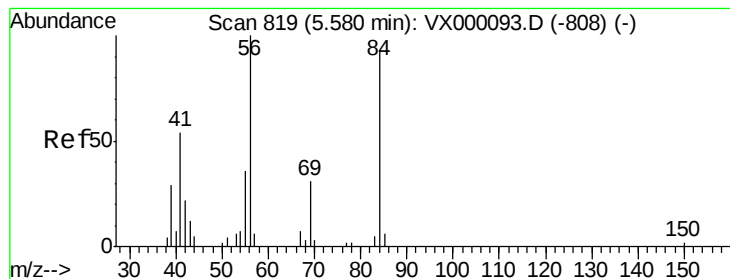
Tgt Ion: 42 Resp: 81113  
Ion Ratio Lower Upper  
42 100  
72 46.8 38.6 58.0  
71 44.0 36.2 54.4



#30  
Chloroform  
Concen: 20.36 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 83 Resp: 40875  
Ion Ratio Lower Upper  
83 100  
85 68.4 52.7 79.1





#31

Cyclohexane

Concen: 20.70 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :  
ClientSampled :  
VX0215WBSD01

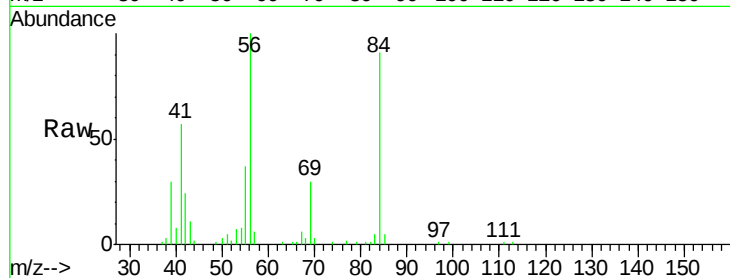
Tgt Ion: 56 Resp: 33952

Ion Ratio Lower Upper

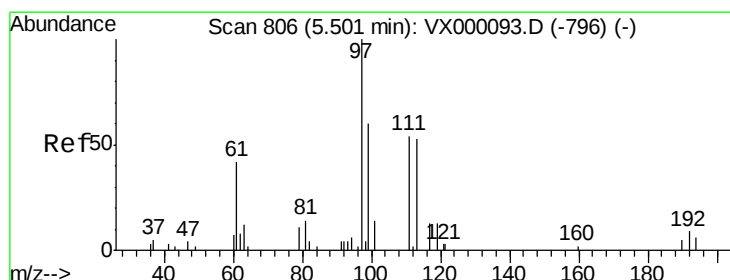
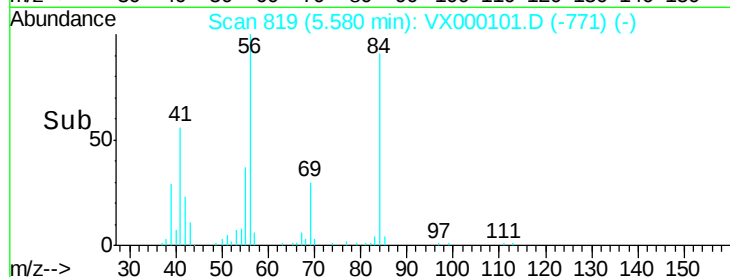
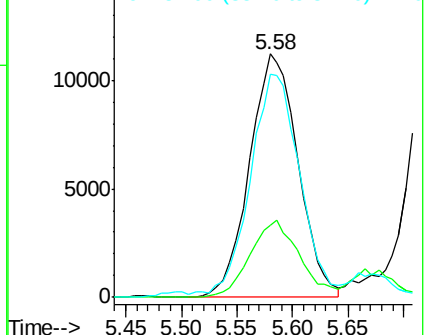
56 100

69 29.7 24.9 37.3

84 90.1 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

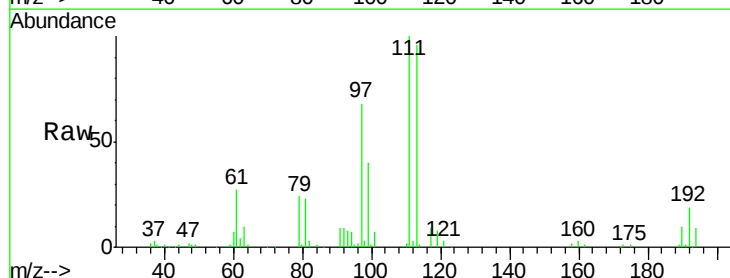
Tgt Ion: 97 Resp: 37293

Ion Ratio Lower Upper

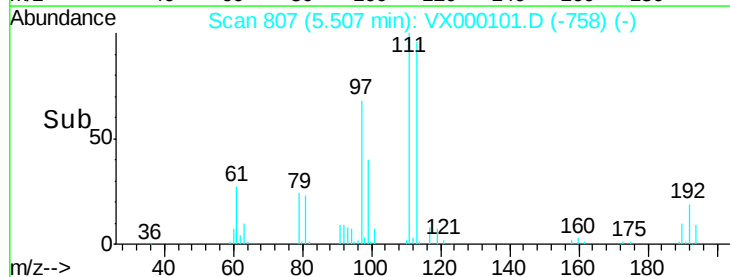
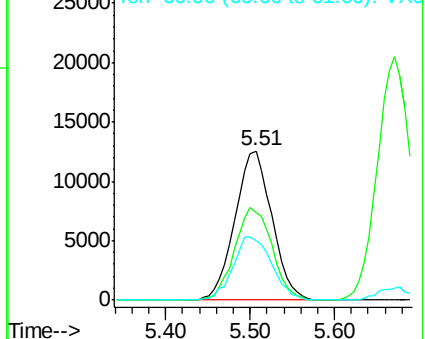
97 100

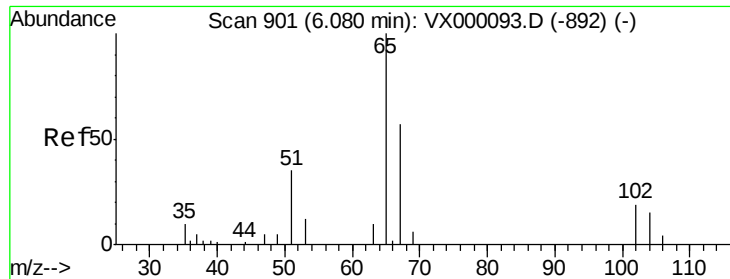
99 62.7 51.1 76.7

61 44.4 33.4 50.0



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0

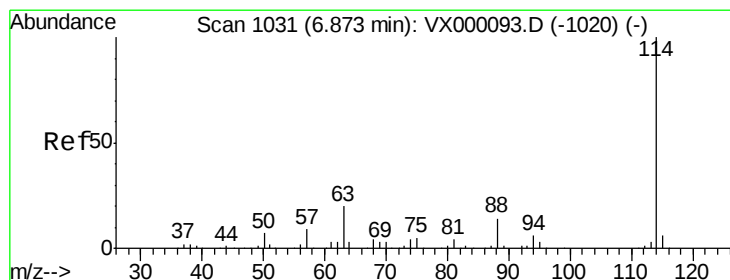
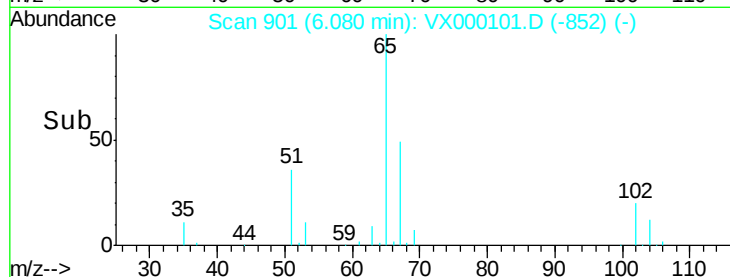
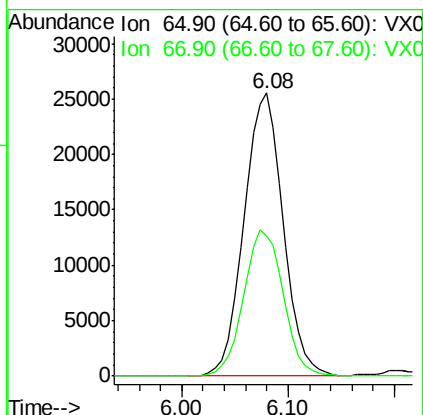
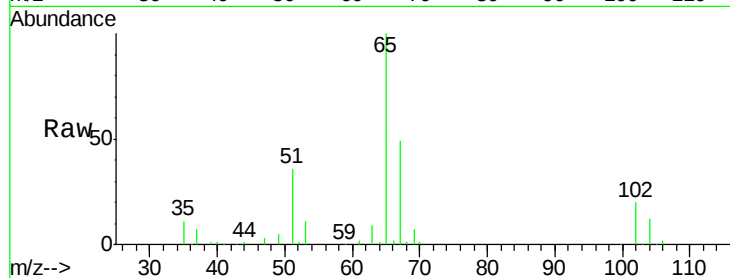




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.11 ug/l  
 RT: 6.08 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

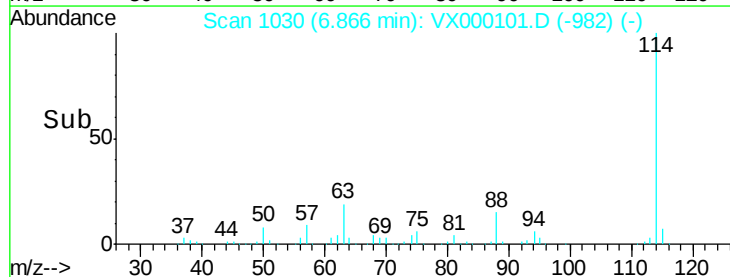
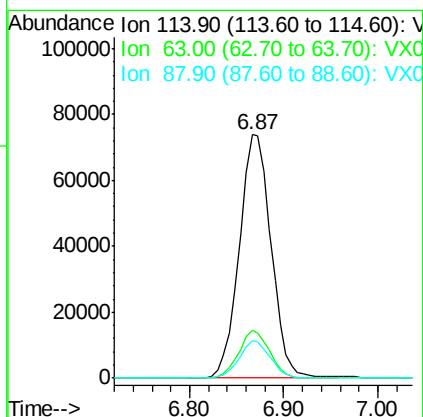
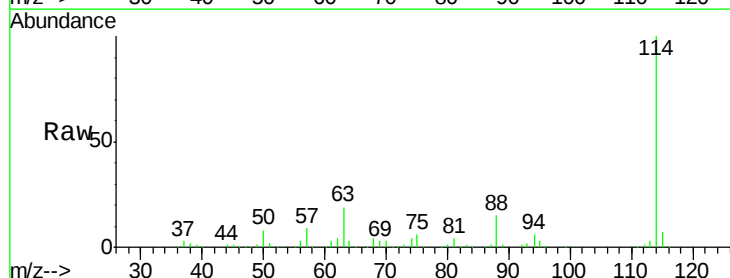
Instrument :  
 ClientSampled :  
 VX0215WBSD01

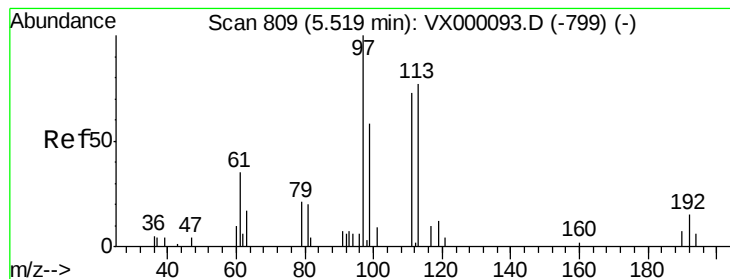
Tgt Ion: 65 Resp: 65776  
 Ion Ratio Lower Upper  
 65 100  
 67 52.2 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.01 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Tgt Ion: 114 Resp: 173386  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 36.4  
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.63 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampleId :

VX0215WBSD01

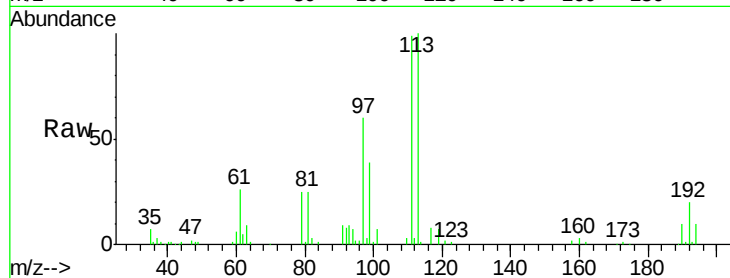
Tgt Ion:113 Resp: 52126

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.6

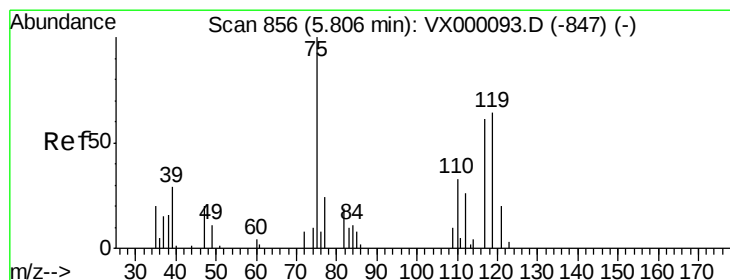
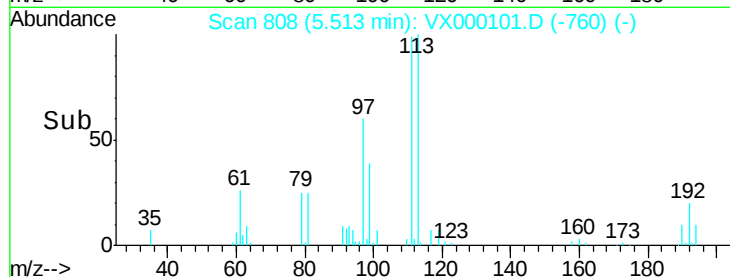
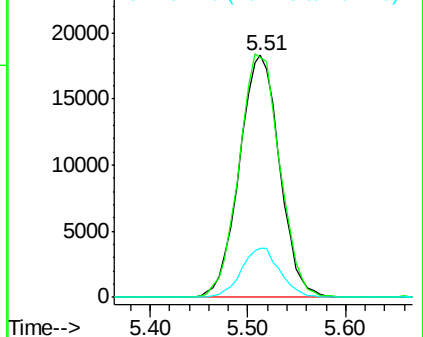
192 19.6 15.7 23.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.82 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

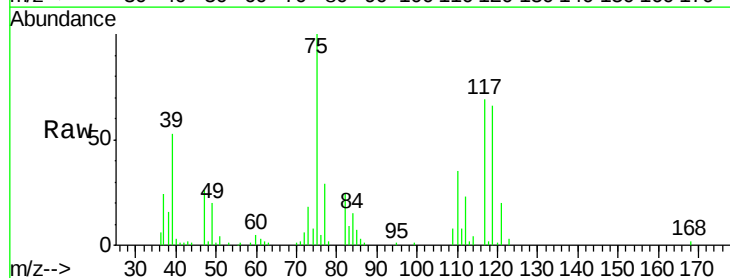
Tgt Ion: 75 Resp: 32396

Ion Ratio Lower Upper

75 100

110 34.9 19.5 58.5

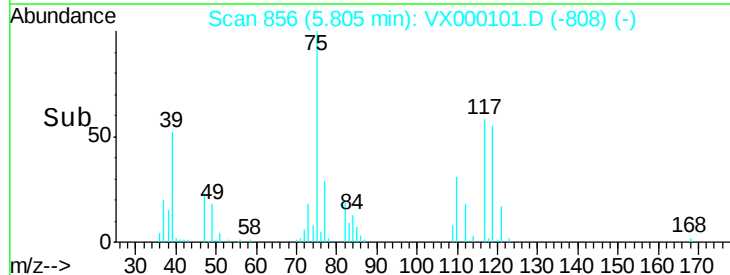
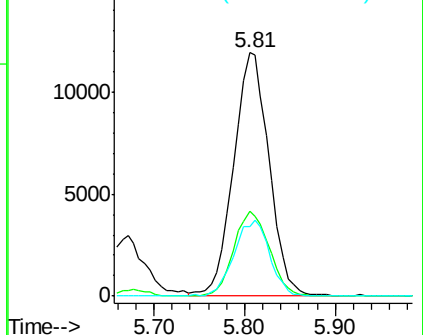
77 31.2 24.7 37.1

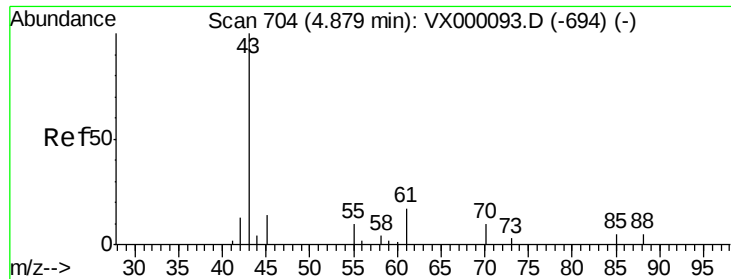


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

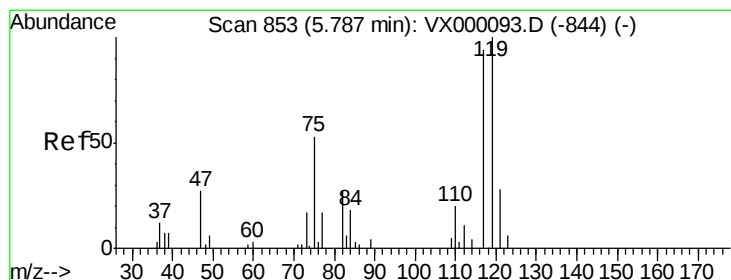
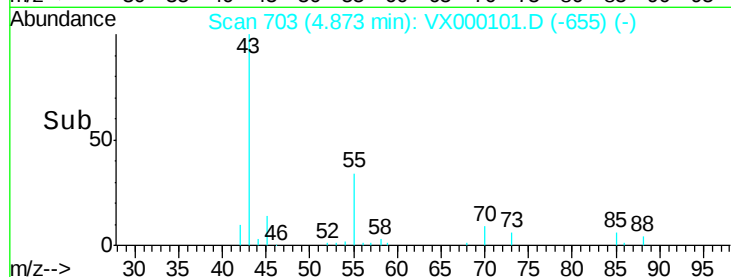
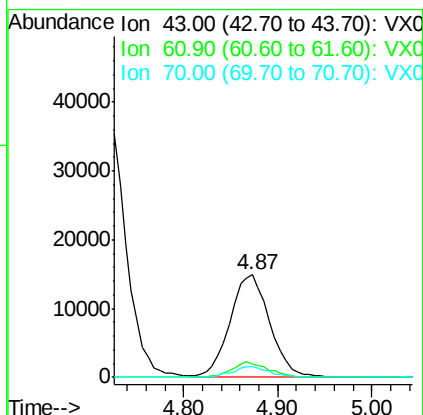
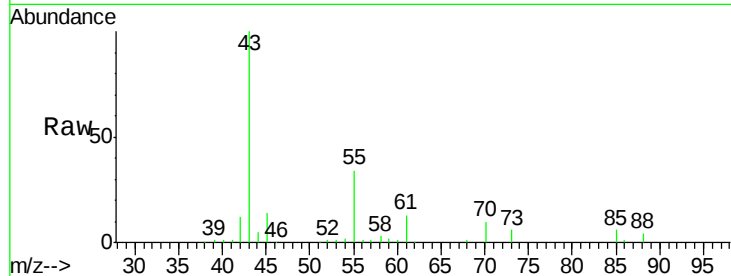




#37  
Ethyl Acetate  
Concen: 20.34 ug/l  
RT: 4.87 min Scan# 703  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

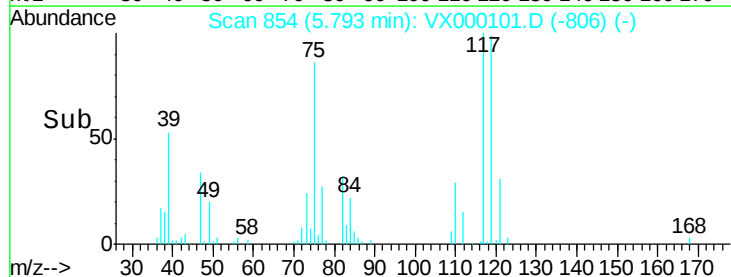
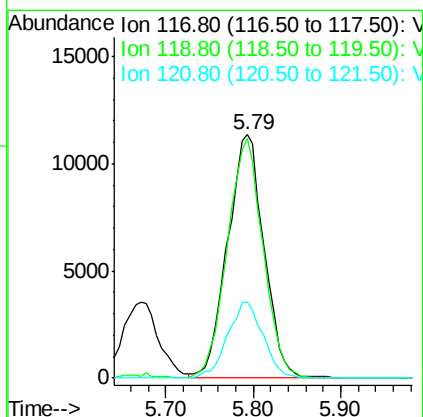
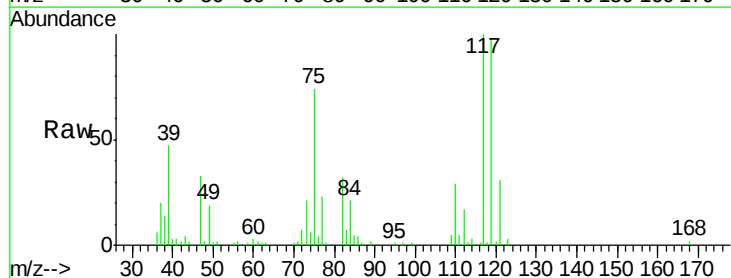
Instrument :  
ClientSampled :  
VX0215WBSD01

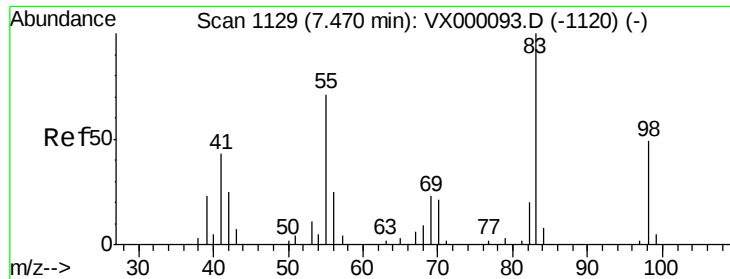
Tgt Ion: 43 Resp: 43481  
Ion Ratio Lower Upper  
43 100  
61 13.6 11.5 17.3  
70 9.9 9.0 13.4



#38  
Carbon Tetrachloride  
Concen: 19.59 ug/l  
RT: 5.79 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 117 Resp: 32922  
Ion Ratio Lower Upper  
117 100  
119 98.3 75.3 112.9  
121 31.3 23.7 35.5

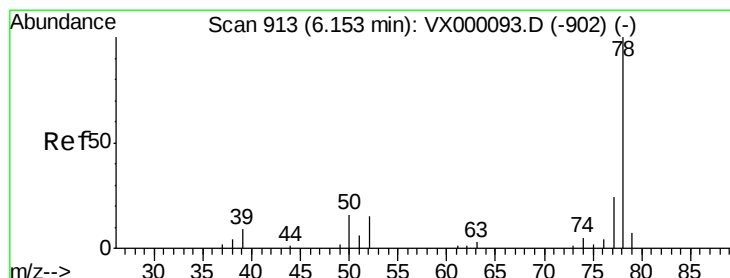
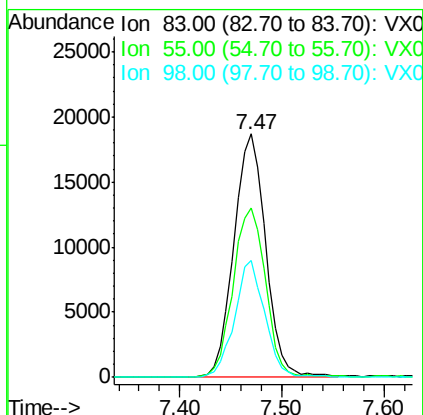
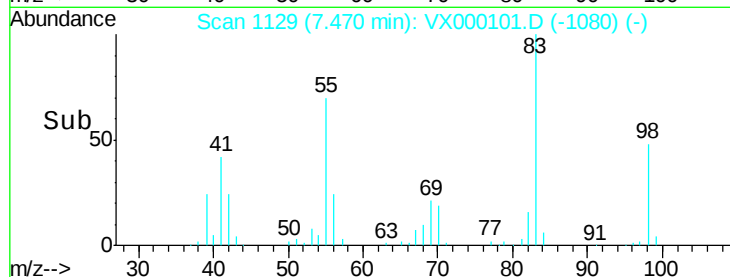
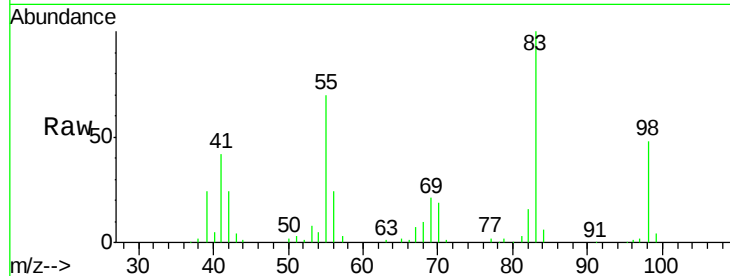




#39  
Methylcyclohexane  
Concen: 21.63 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

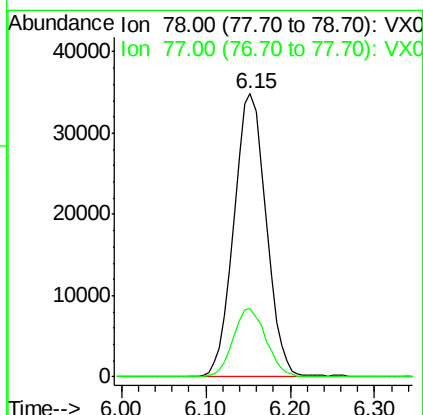
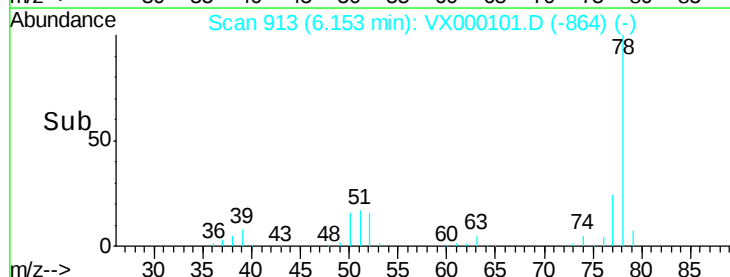
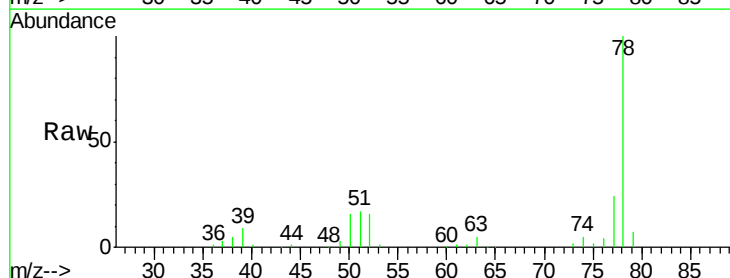
Instrument :  
ClientSampleId :  
VX0215WBSD01

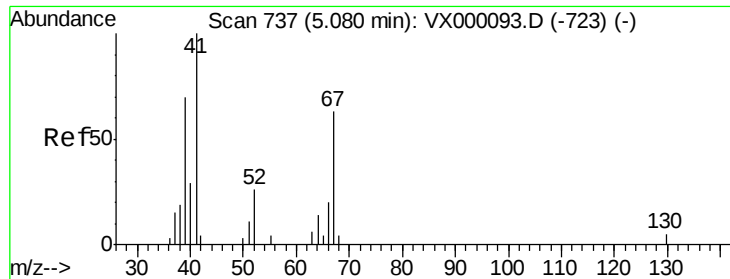
Tgt Ion: 83 Resp: 40527  
Ion Ratio Lower Upper  
83 100  
55 69.5 58.2 87.2  
98 47.8 39.0 58.6



#40  
Benzene  
Concen: 20.37 ug/l  
RT: 6.15 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 78 Resp: 90539  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.4 29.0

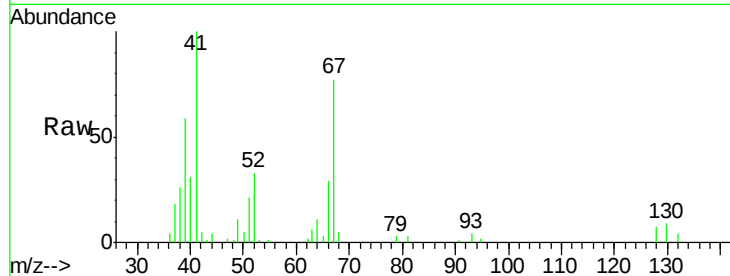




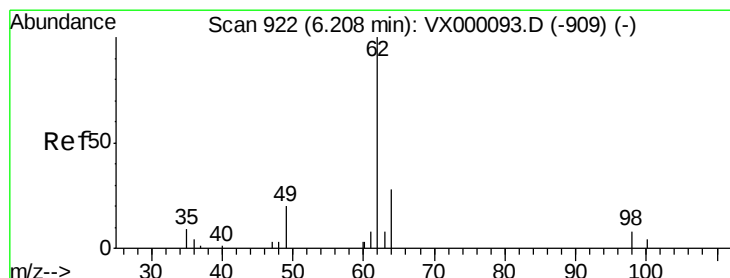
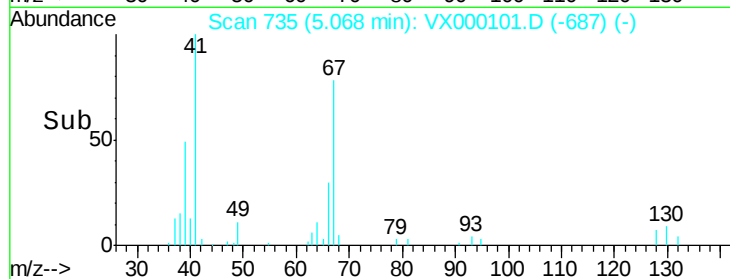
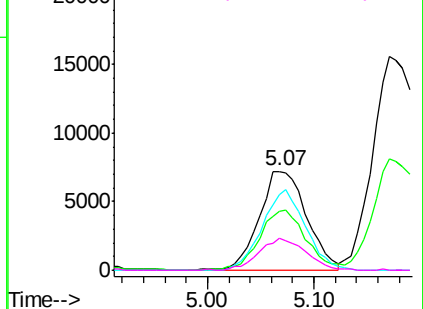
#41  
Methacrylonitrile  
Concen: 21.47 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Instrument :  
ClientSampled :  
VX0215WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22337 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.9  | 45.1  | 67.7  |
| 67       | 74.3  | 61.0  | 91.4  |
| 52       | 31.6  | 25.8  | 38.6  |

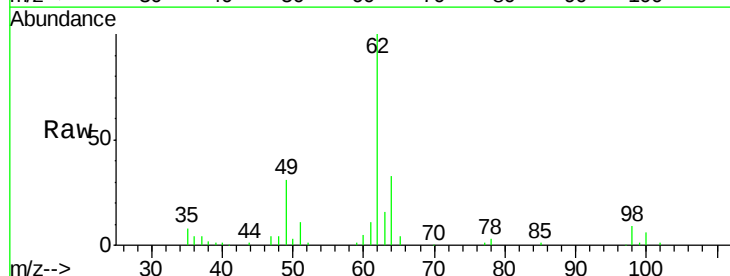


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

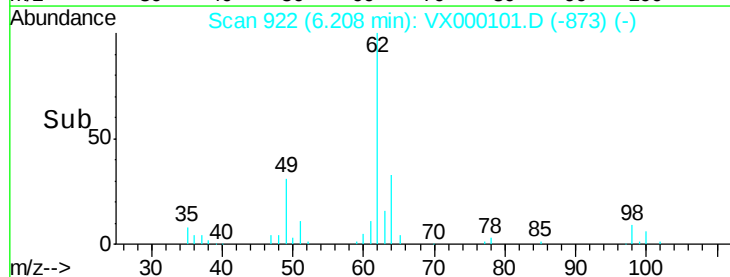
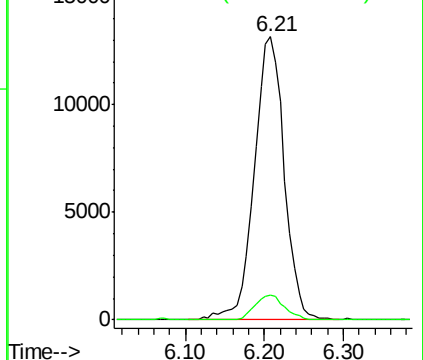


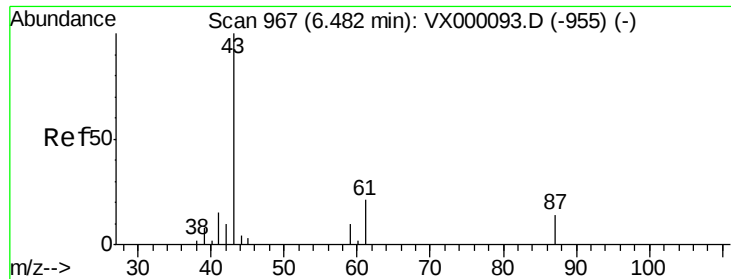
#42  
1,2-Dichloroethane  
Concen: 21.23 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 34631 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 17.8  |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



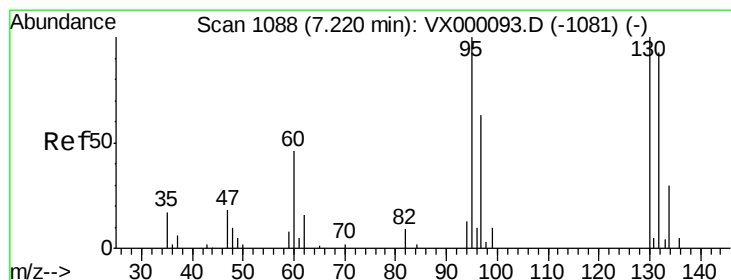
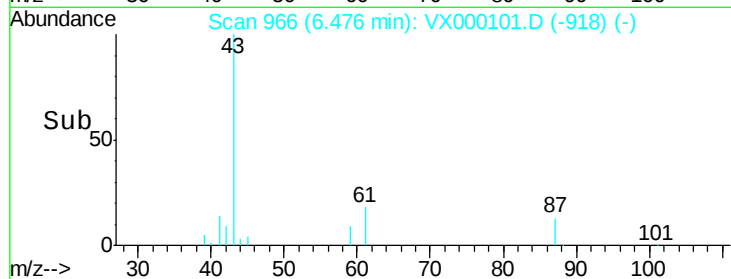
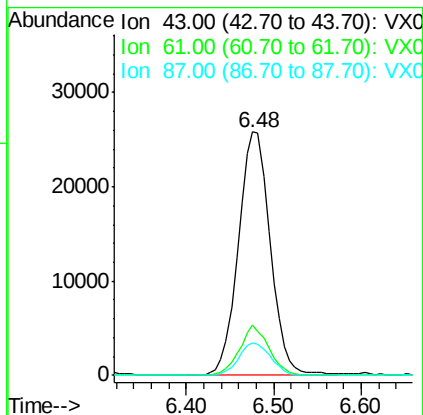
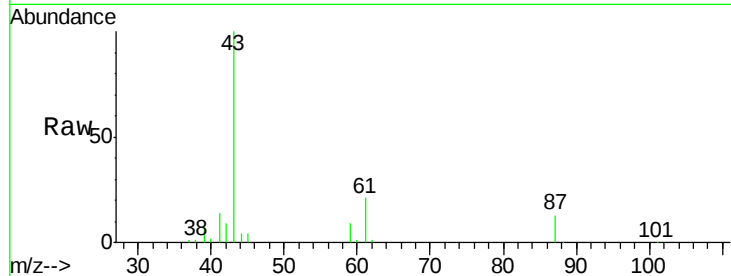


#43

Isopropyl Acetate  
 Concen: 21.27 ug/l  
 RT: 6.48 min Scan# 966  
 Delta R.T. -0.01 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Instrument :  
 ClientSampled :  
 VX0215WBSD01

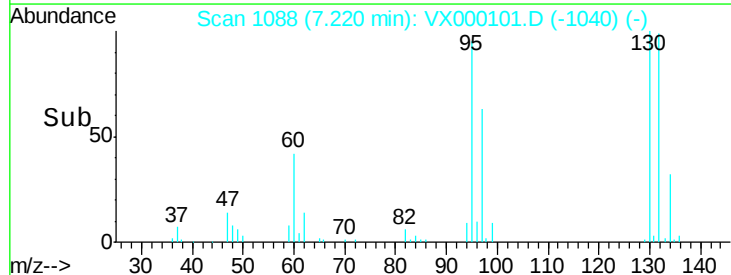
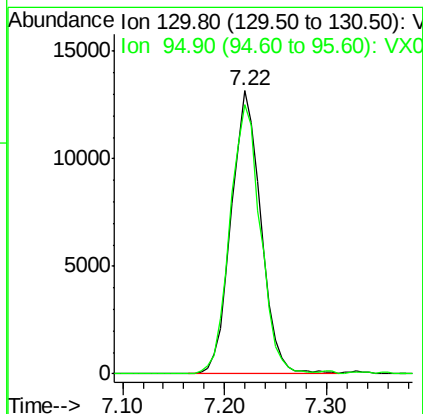
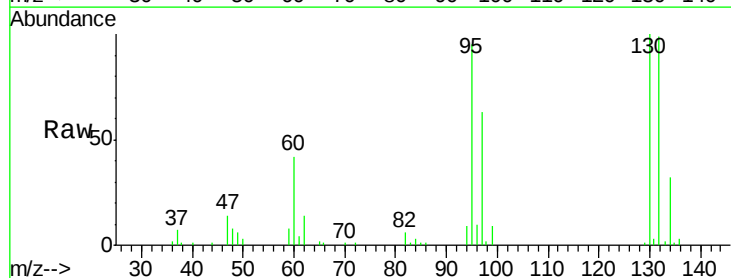
Tgt Ion: 43 Resp: 65553  
 Ion Ratio Lower Upper  
 43 100  
 61 19.0 15.6 23.4  
 87 13.1 11.7 17.5

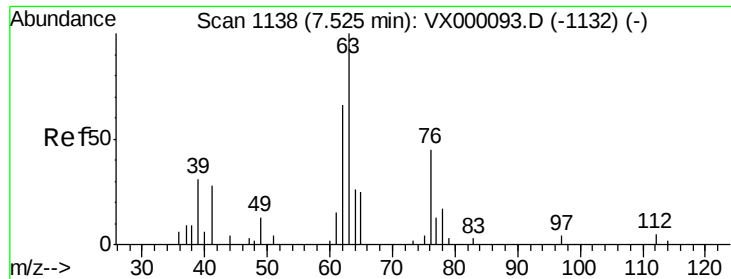


#44

Trichloroethene  
 Concen: 20.27 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Tgt Ion: 130 Resp: 26539  
 Ion Ratio Lower Upper  
 130 100  
 95 95.0 0.0 183.4





#45

1,2-Dichloropropane

Concen: 21.10 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

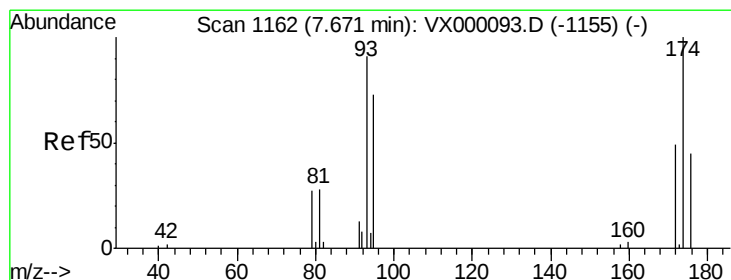
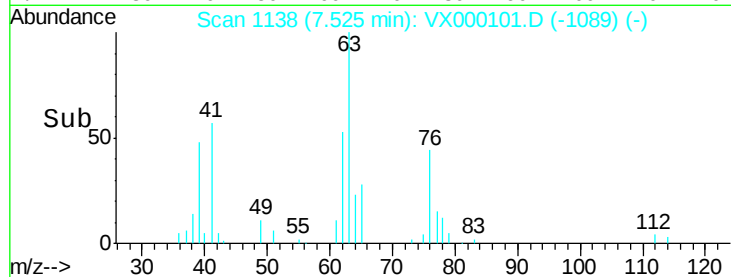
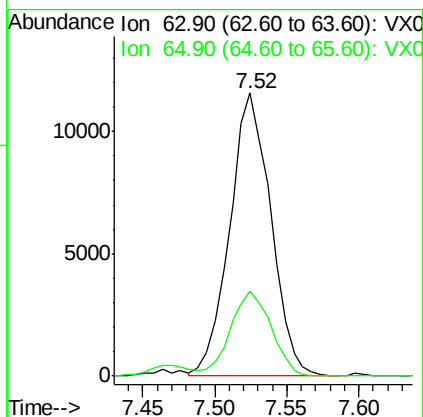
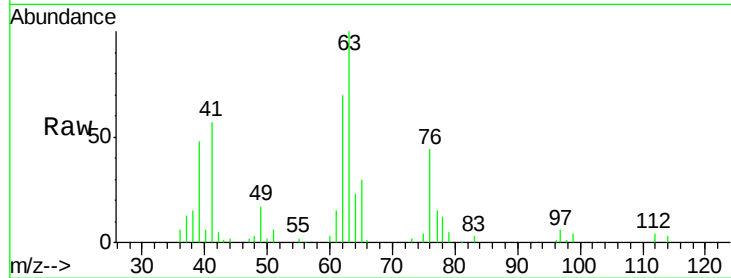
VX0215WBSD01

Tgt Ion: 63 Resp: 22991

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.8



#46

Dibromomethane

Concen: 20.99 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

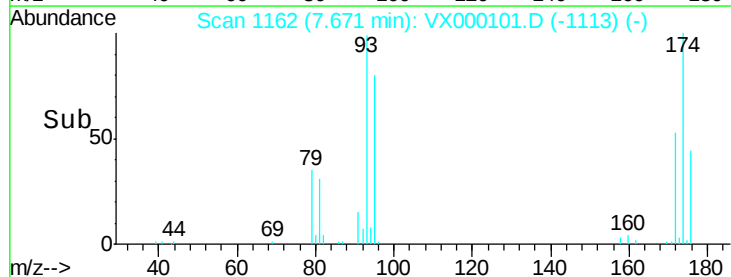
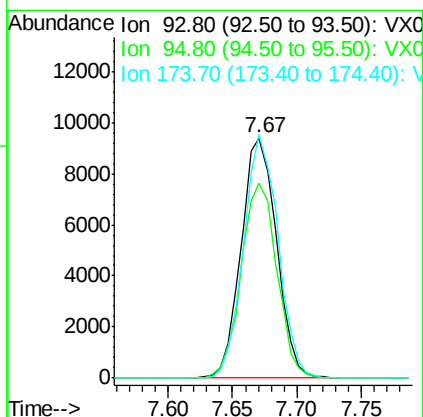
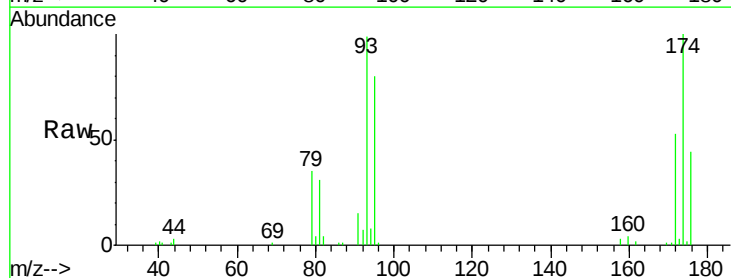
Tgt Ion: 93 Resp: 17848

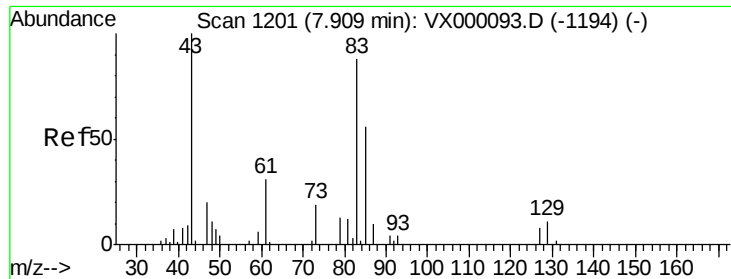
Ion Ratio Lower Upper

93 100

95 81.6 65.0 97.6

174 98.9 83.1 124.7





#47

Bromodichloromethane

Concen: 20.91 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

VX0215WBSD01

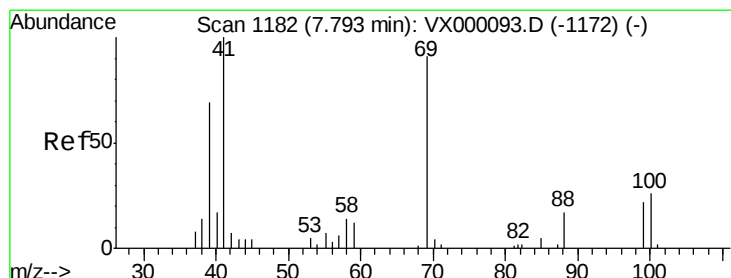
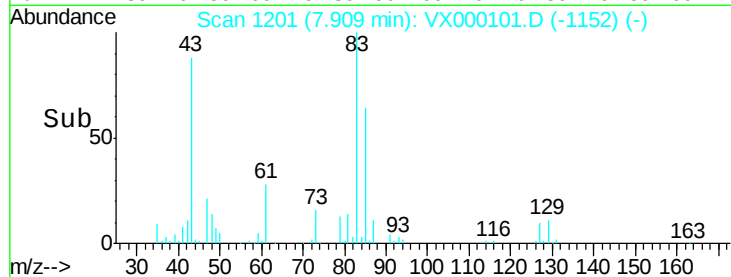
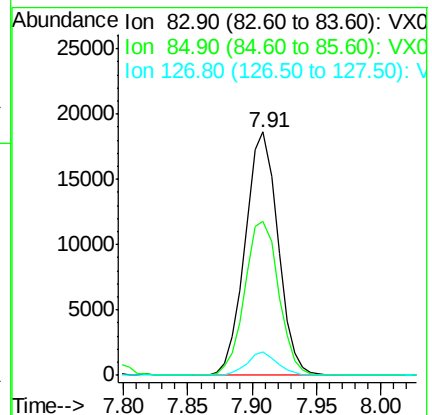
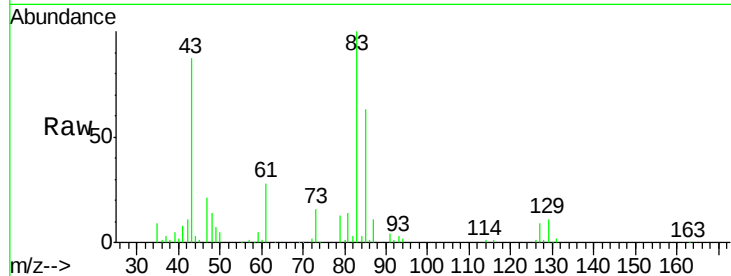
Tgt Ion: 83 Resp: 32830

Ion Ratio Lower Upper

83 100

85 63.4 50.4 75.6

127 9.5 7.2 10.8



#48

Methyl methacrylate

Concen: 20.78 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

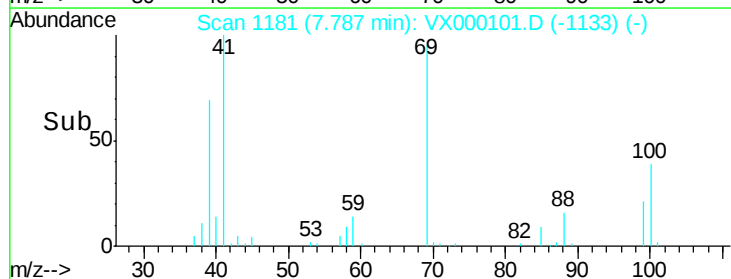
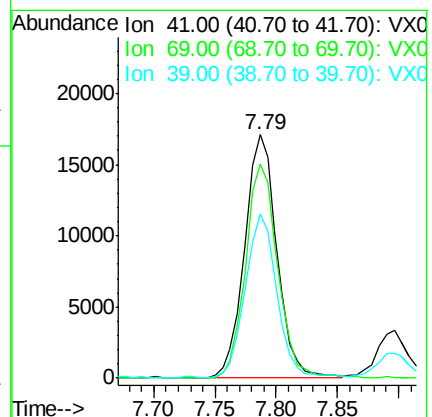
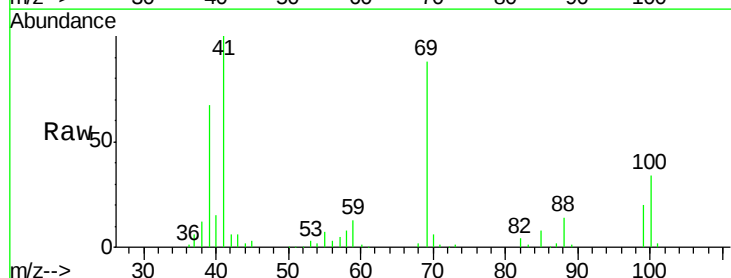
Tgt Ion: 41 Resp: 31397

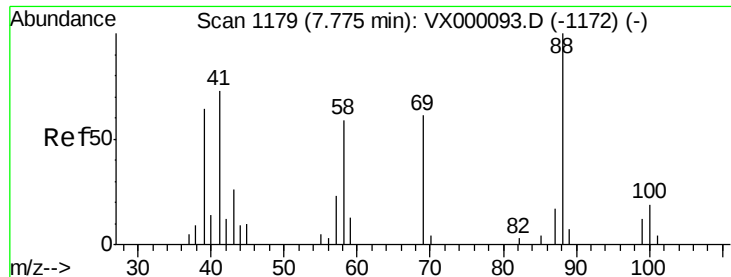
Ion Ratio Lower Upper

41 100

69 87.8 70.2 105.4

39 64.5 51.0 76.6

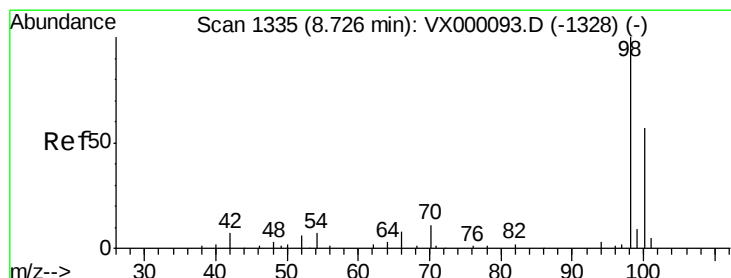
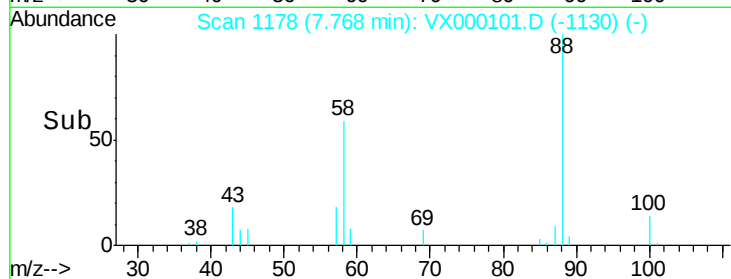
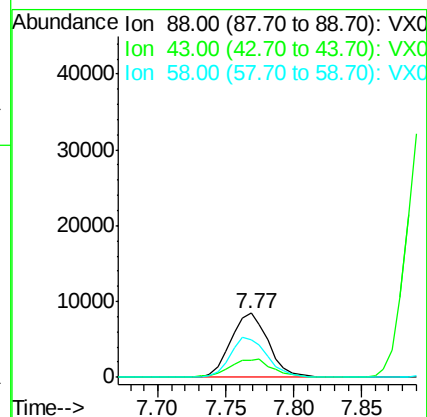
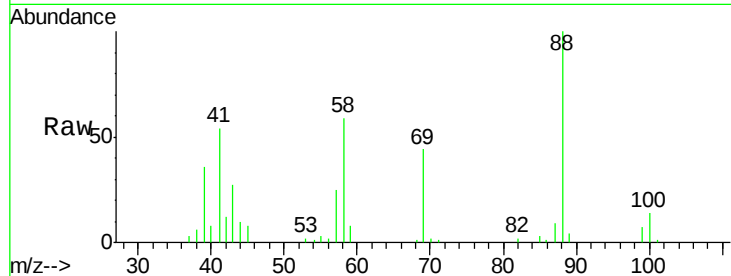




#49  
1,4-Dioxane  
Concen: 409.43 ug/l  
RT: 7.77 min Scan# 1178  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

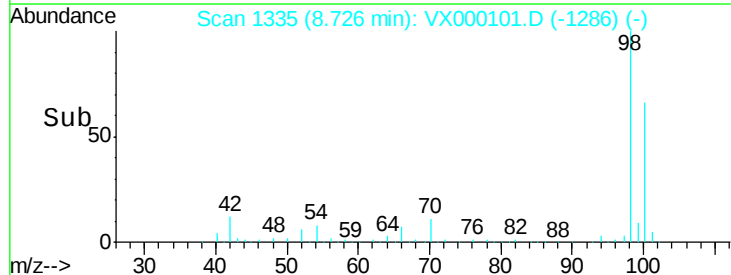
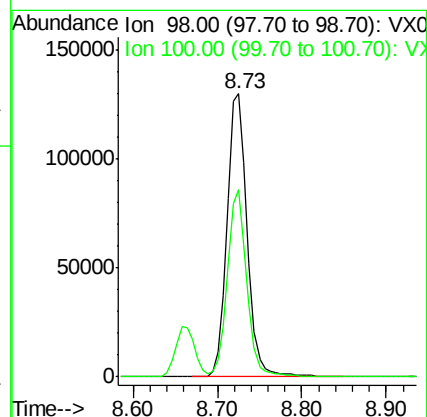
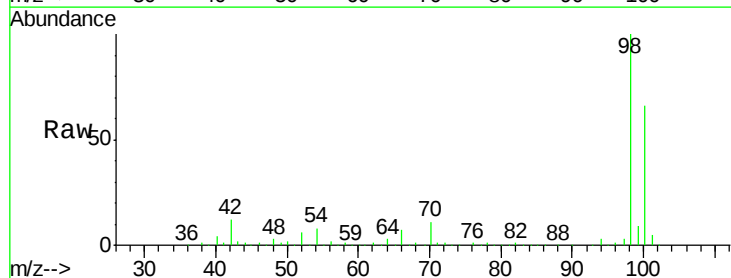
Instrument :  
ClientSampled :  
VX0215WBSD01

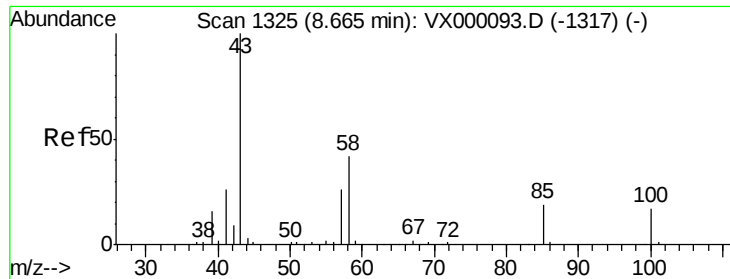
Tgt Ion: 88 Resp: 16222  
Ion Ratio Lower Upper  
88 100  
43 32.6 24.1 36.1  
58 61.7 49.0 73.6



#50  
Toluene-d8  
Concen: 49.52 ug/l  
RT: 8.73 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 98 Resp: 213761  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.2 78.2

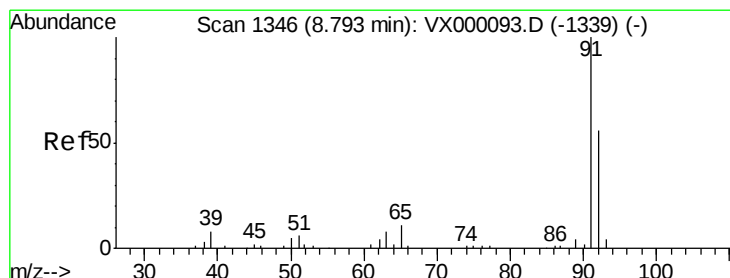
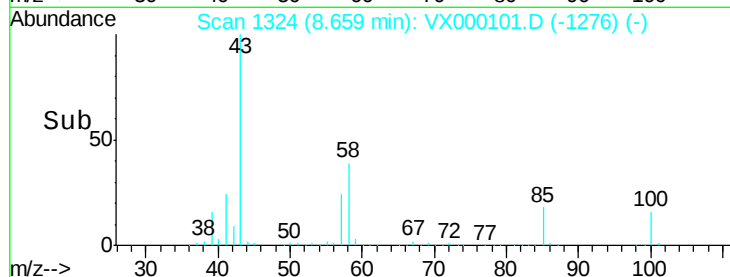
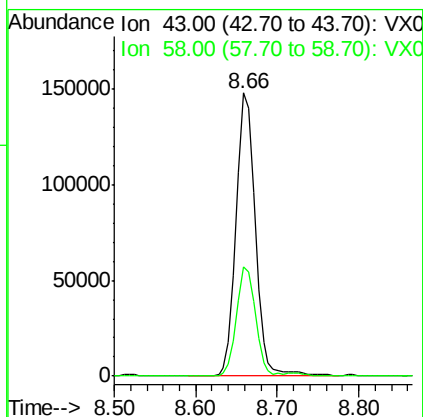
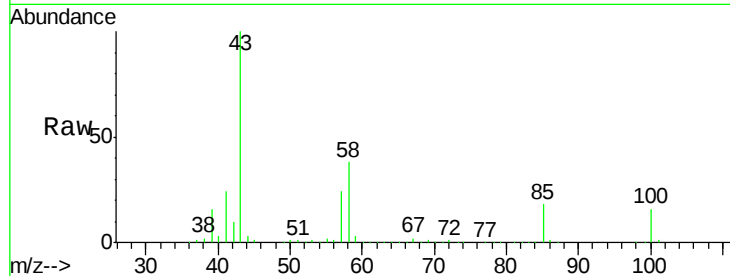




#51  
4-Methyl-2-Pentanone  
Concen: 106.66 ug/l  
RT: 8.66 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

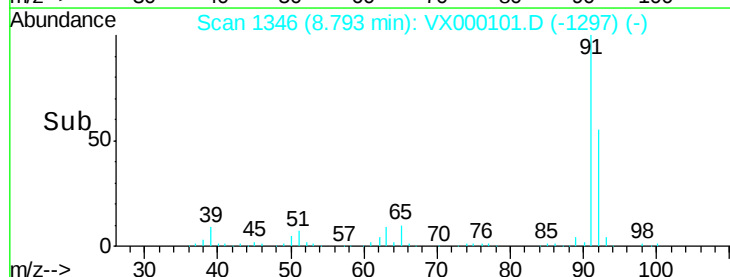
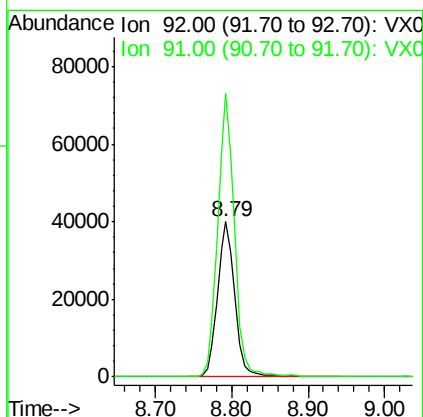
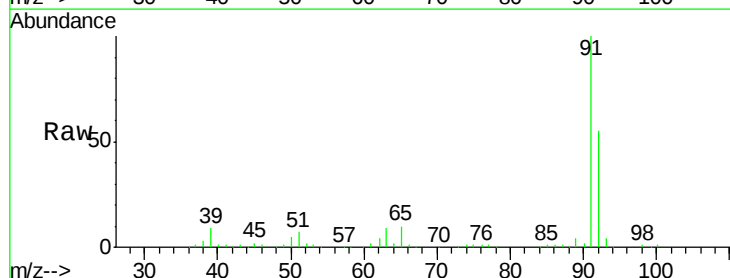
Instrument :  
ClientSampleId :  
VX0215WBSD01

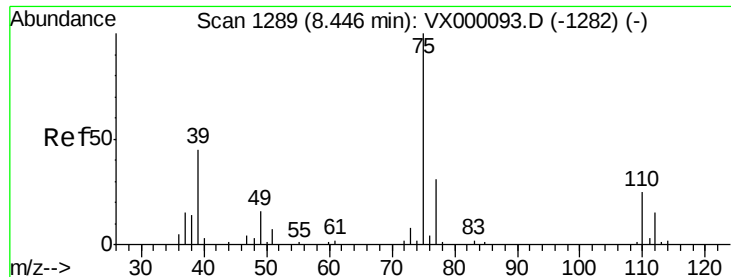
Tgt Ion: 43 Resp: 240340  
Ion Ratio Lower Upper  
43 100  
58 38.0 31.6 47.4



#52  
Toluene  
Concen: 20.92 ug/l  
RT: 8.79 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 92 Resp: 62120  
Ion Ratio Lower Upper  
92 100  
91 178.0 139.8 209.6

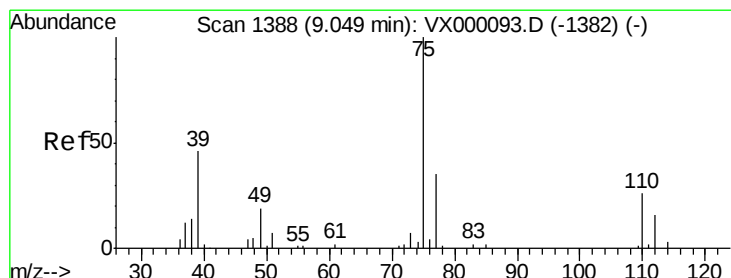
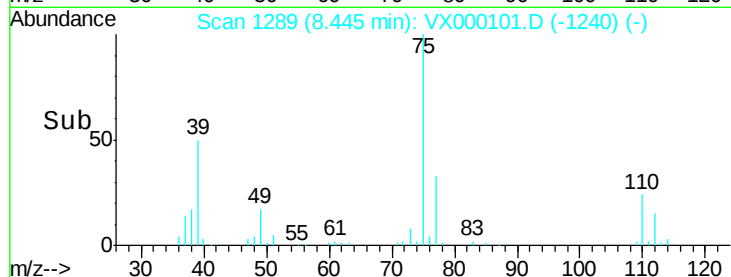
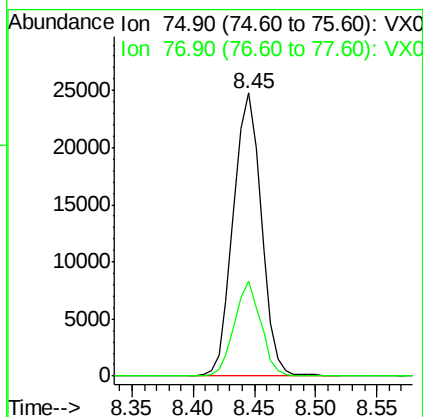
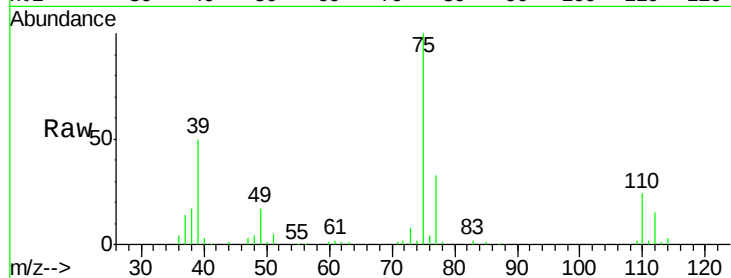




#53  
 t-1,3-Dichloropropene  
 Concen: 21.36 ug/l  
 RT: 8.45 min Scan# 1289  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

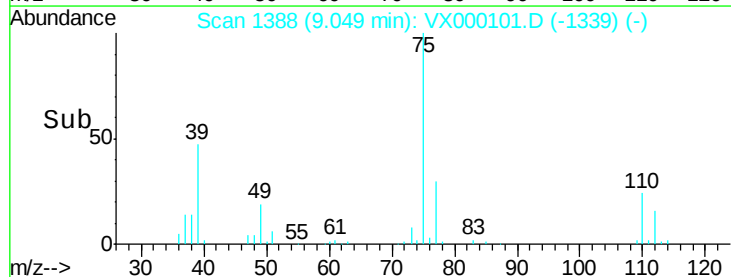
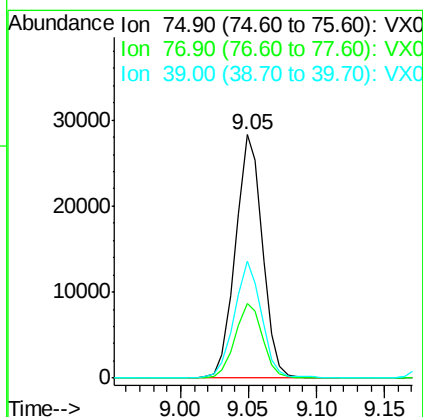
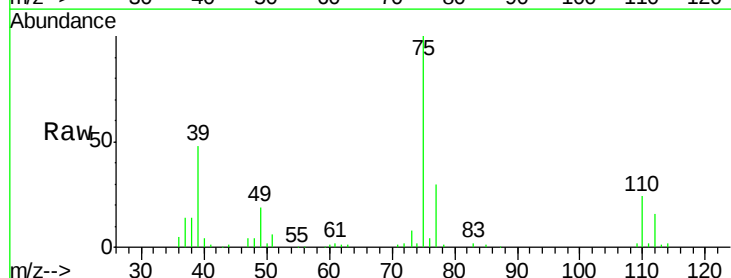
Instrument :  
 ClientSampled :  
 VX0215WBSD01

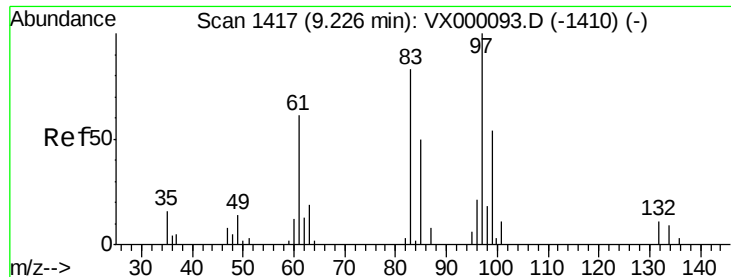
Tgt Ion: 75 Resp: 39449  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.26 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Tgt Ion: 75 Resp: 38981  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 25.0 37.6  
 39 48.1 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 20.94 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

VX0215WBSD01

Tgt Ion: 97 Resp: 25723

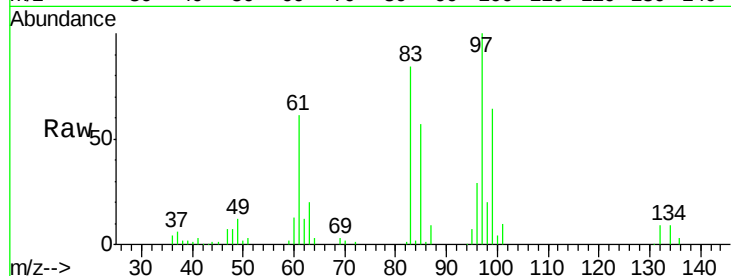
Ion Ratio Lower Upper

97 100

83 83.6 67.6 101.4

85 56.8 42.9 64.3

99 64.5 49.8 74.6

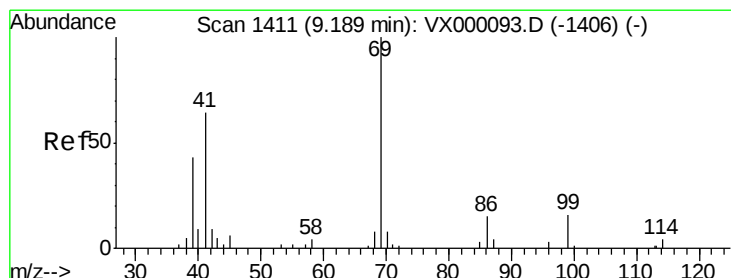
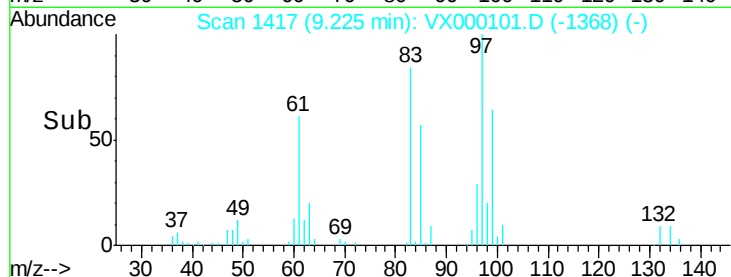
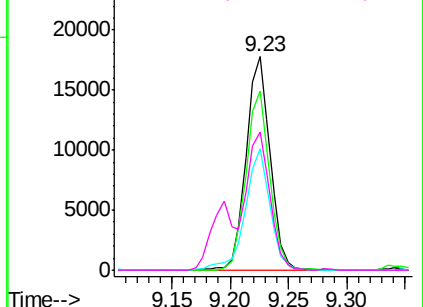


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.24 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

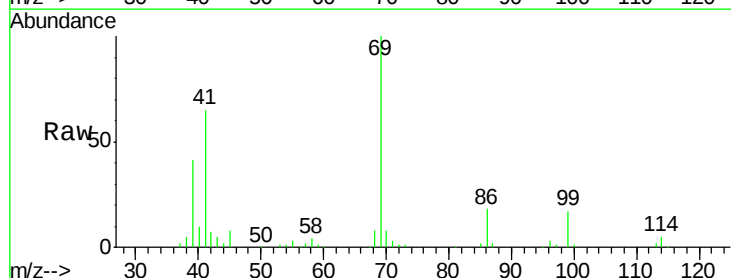
Tgt Ion: 69 Resp: 40037

Ion Ratio Lower Upper

69 100

41 65.6 49.4 74.0

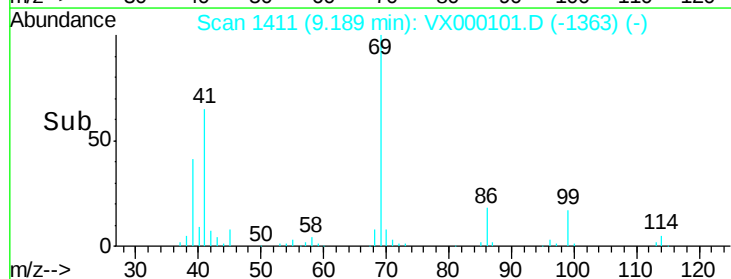
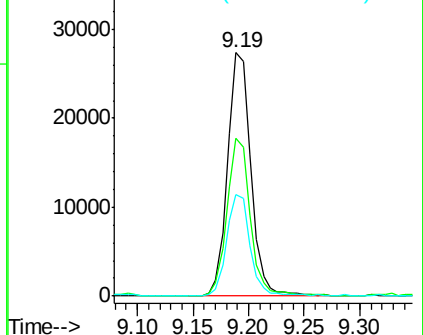
39 42.1 31.3 46.9

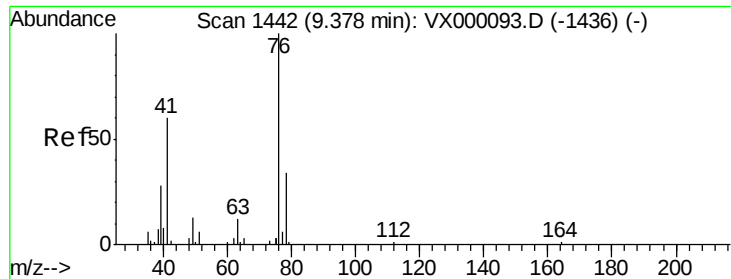


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.42 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampleId :

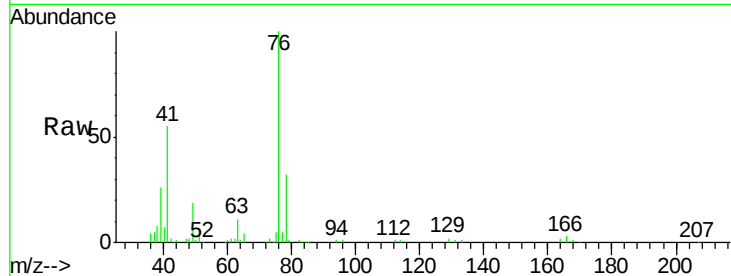
VX0215WBSD01

Tgt Ion: 76 Resp: 41778

Ion Ratio Lower Upper

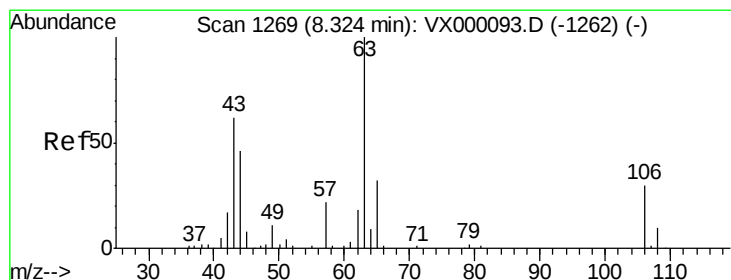
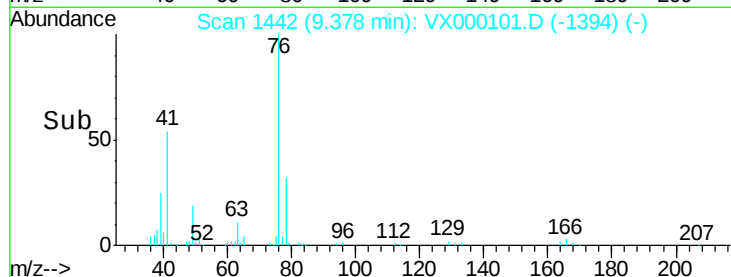
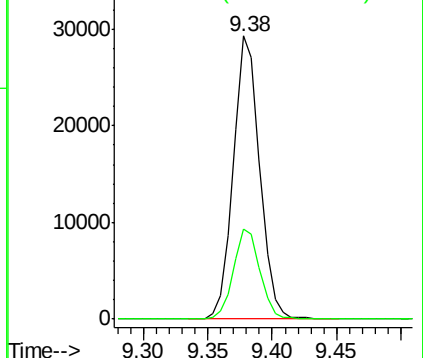
76 100

78 31.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.11 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000101.D

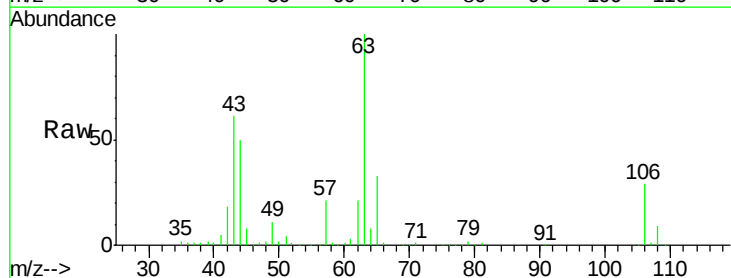
Acq: 15 Feb 2018 17:42

Tgt Ion: 63 Resp: 97273

Ion Ratio Lower Upper

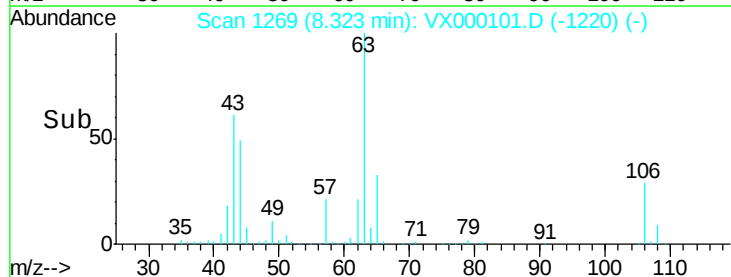
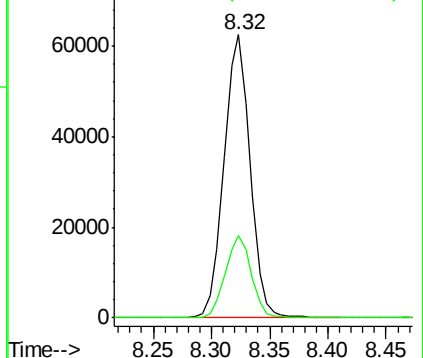
63 100

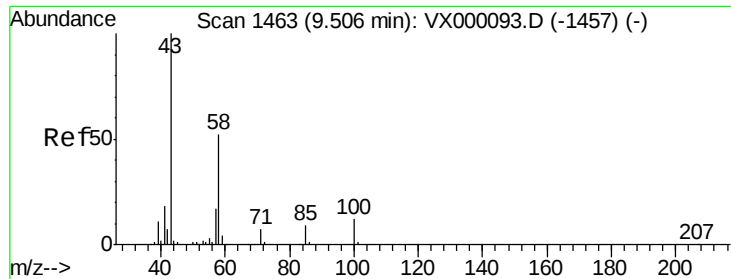
106 28.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

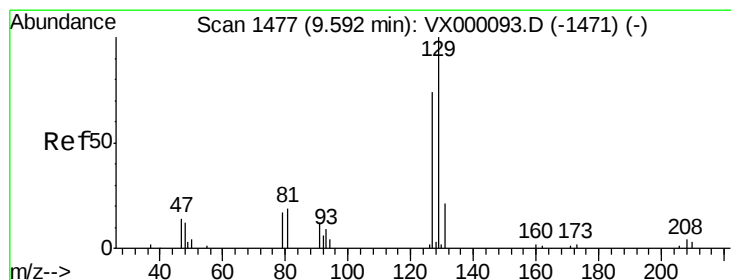
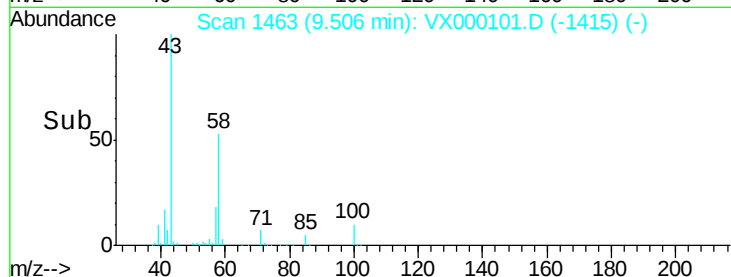
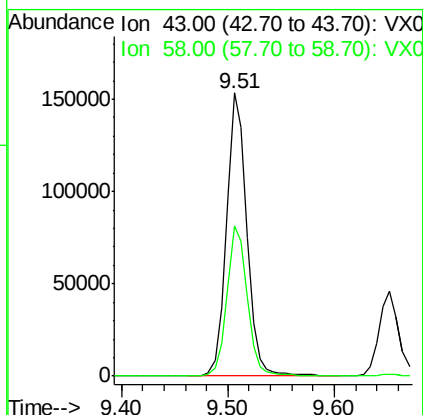
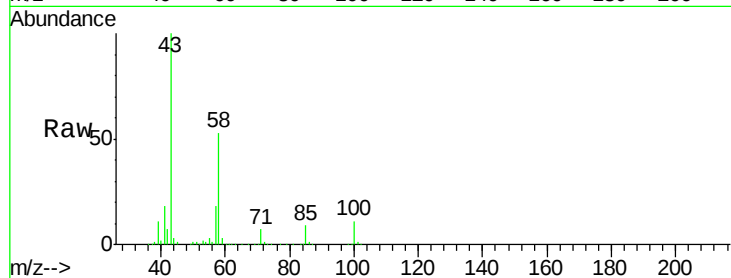




#59  
2-Hexanone  
Concen: 107.88 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. -0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

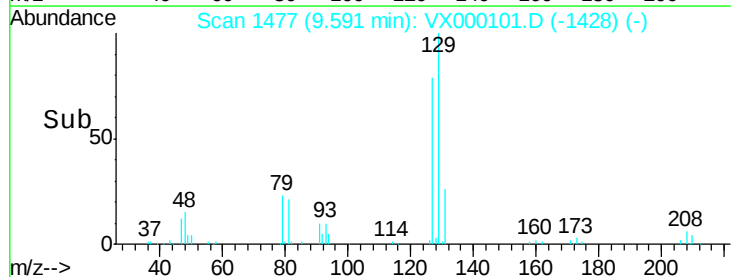
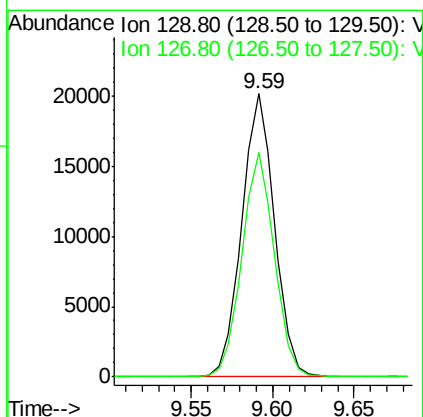
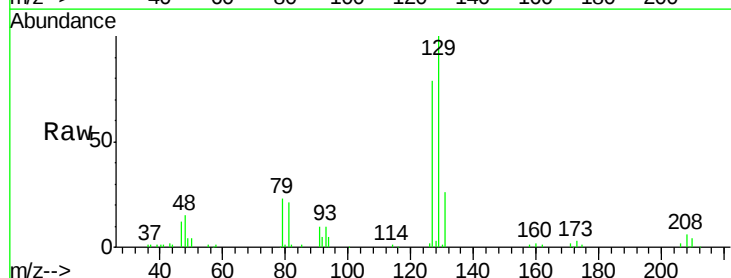
Instrument :  
ClientSampleId :  
VX0215WBSD01

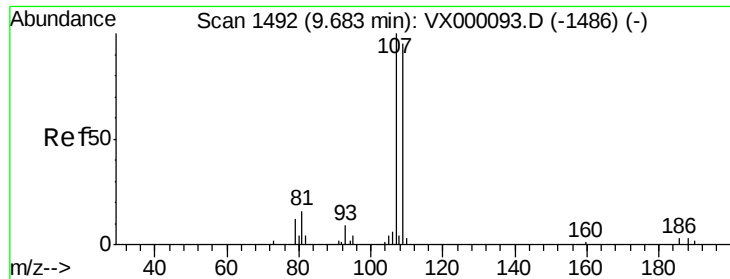
Tgt Ion: 43 Resp: 205821  
Ion Ratio Lower Upper  
43 100  
58 53.2 27.1 81.3



#60  
Dibromochloromethane  
Concen: 20.23 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 129 Resp: 28148  
Ion Ratio Lower Upper  
129 100  
127 78.6 37.6 112.9





#61

1,2-Dibromoethane

Concen: 20.67 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

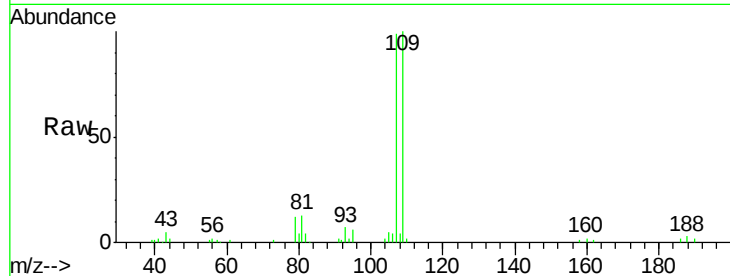
VX0215WBSD01

Tgt Ion:107 Resp: 28172

Ion Ratio Lower Upper

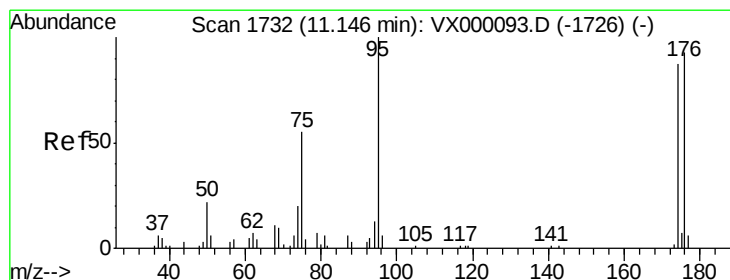
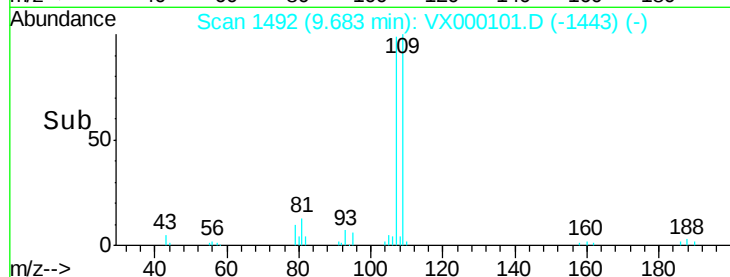
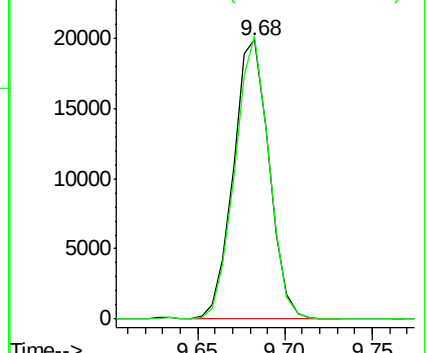
107 100

109 96.5 76.4 114.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.75 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

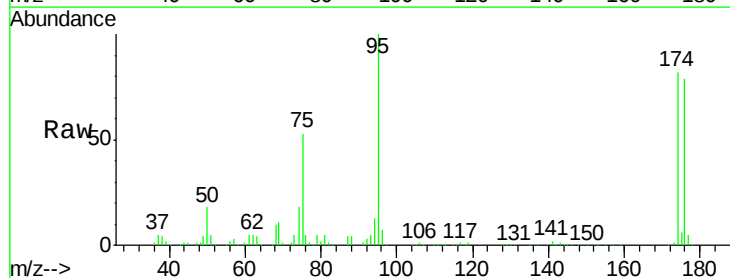
Tgt Ion: 95 Resp: 84207

Ion Ratio Lower Upper

95 100

174 84.2 0.0 187.8

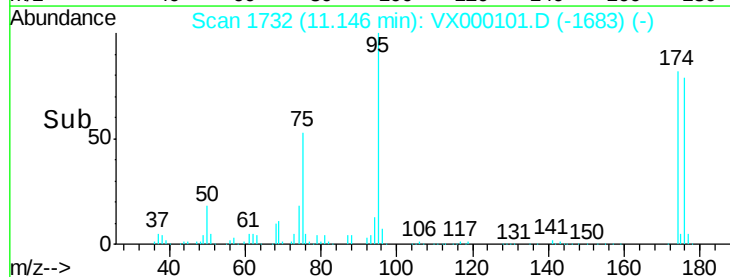
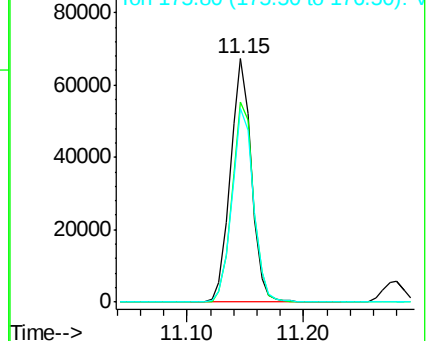
176 81.9 0.0 181.2

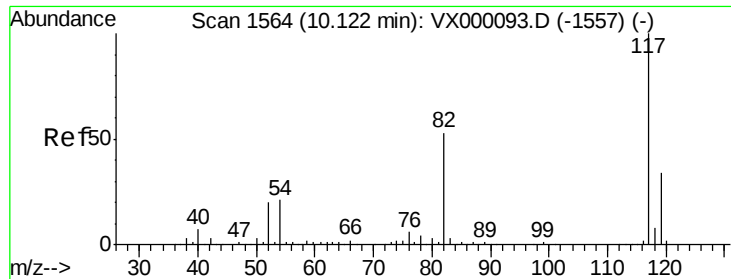


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

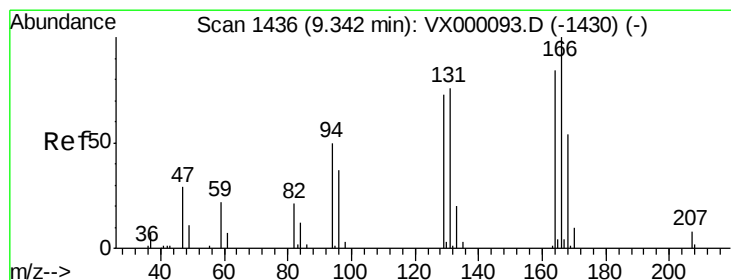
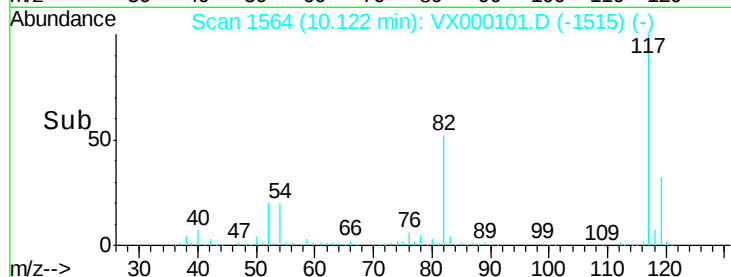
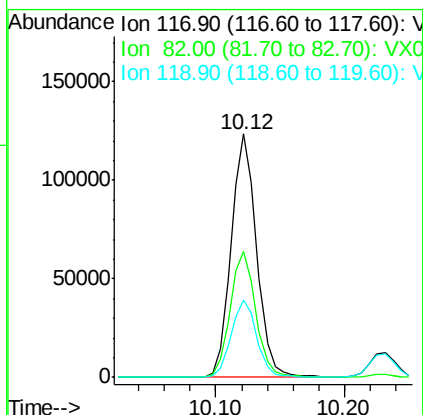
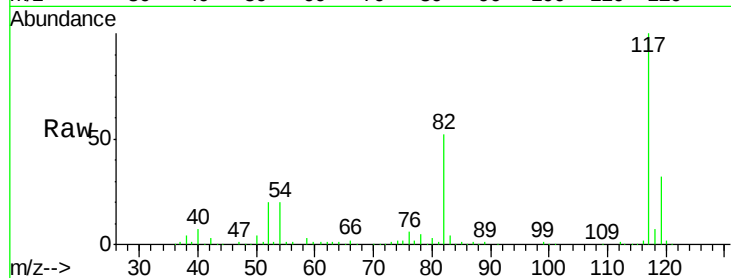




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

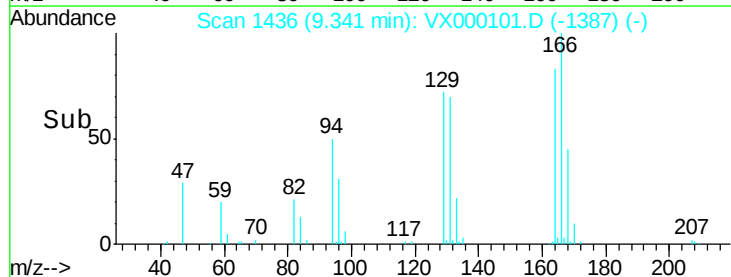
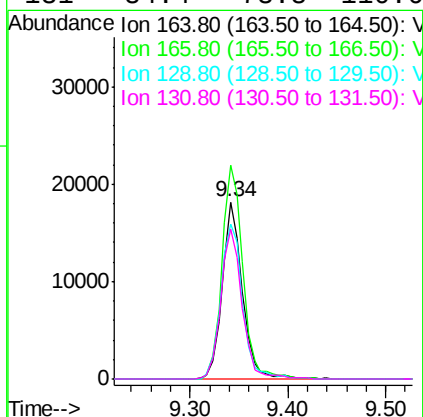
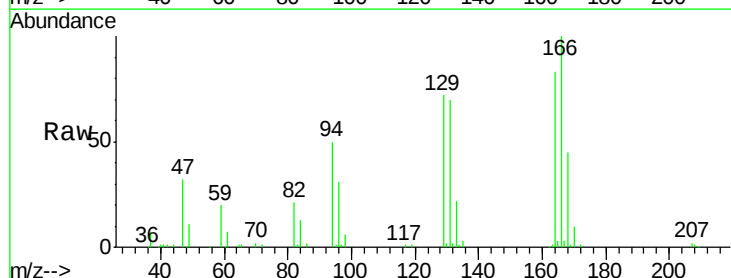
Instrument :  
ClientSampleId :  
VX0215WBSD01

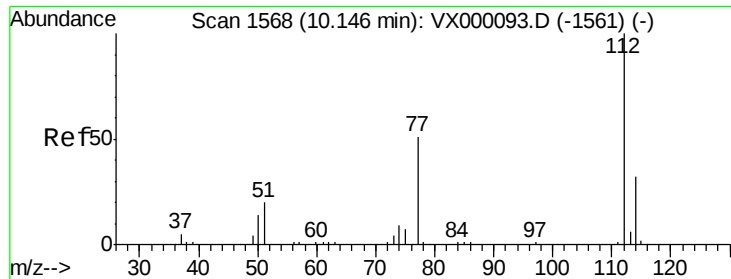
Tgt Ion:117 Resp: 170757  
Ion Ratio Lower Upper  
117 100  
82 51.8 41.0 61.6  
119 31.6 25.5 38.3



#64  
Tetrachloroethene  
Concen: 20.78 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion:164 Resp: 25835  
Ion Ratio Lower Upper  
164 100  
166 120.7 101.4 152.2  
129 87.2 78.6 118.0  
131 84.4 73.8 110.6

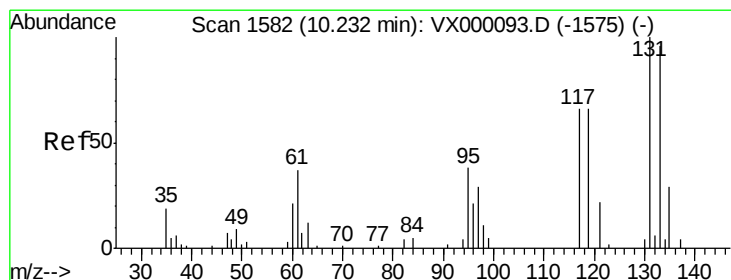
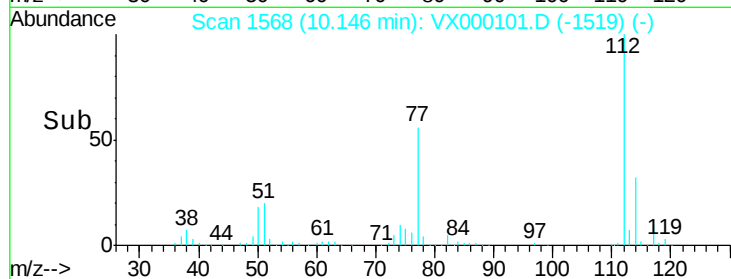
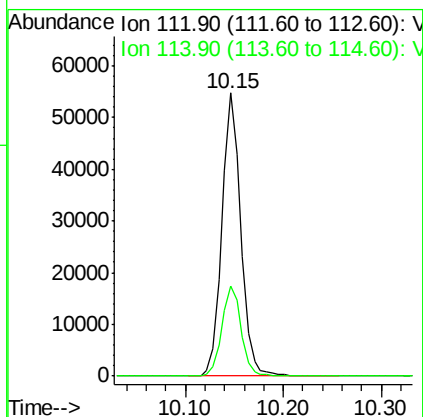
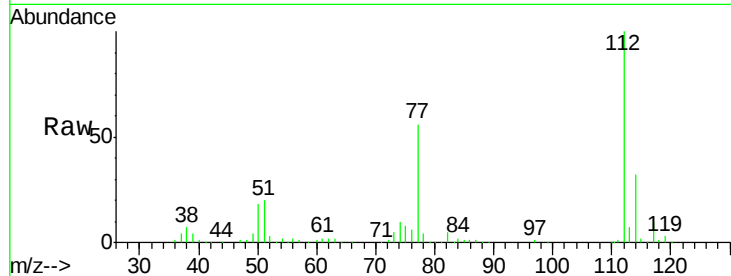




#65  
Chlorobenzene  
Concen: 20.37 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

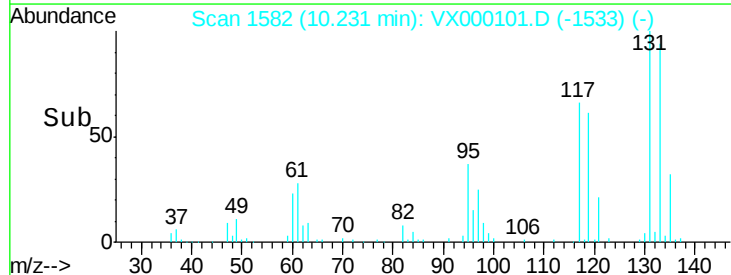
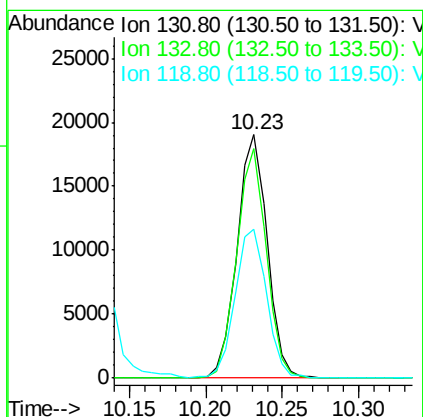
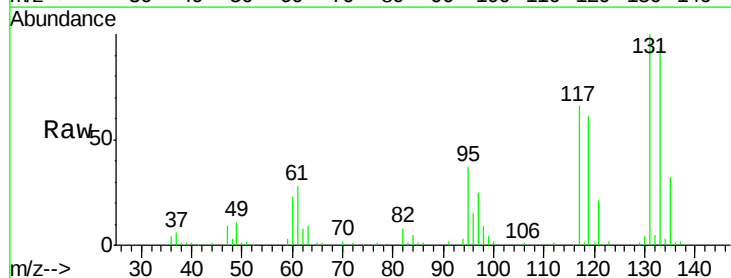
Instrument :  
ClientSampleId :  
VX0215WBSD01

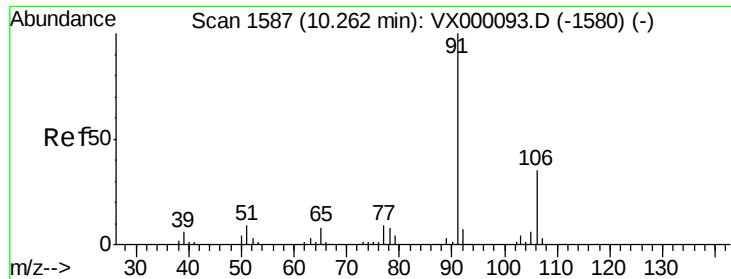
Tgt Ion:112 Resp: 73448  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.67 ug/l  
RT: 10.23 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion:131 Resp: 26069  
Ion Ratio Lower Upper  
131 100  
133 92.3 47.4 142.3  
119 64.1 31.7 95.1

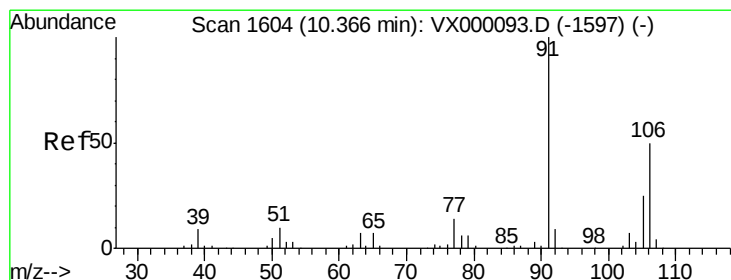
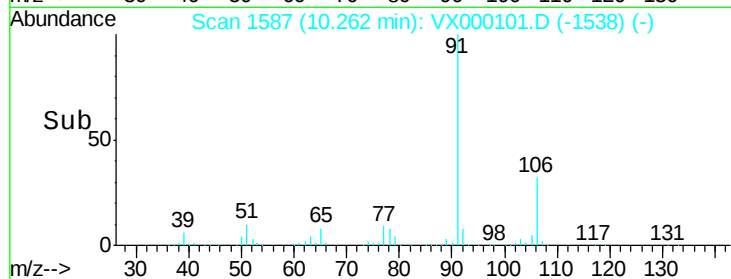
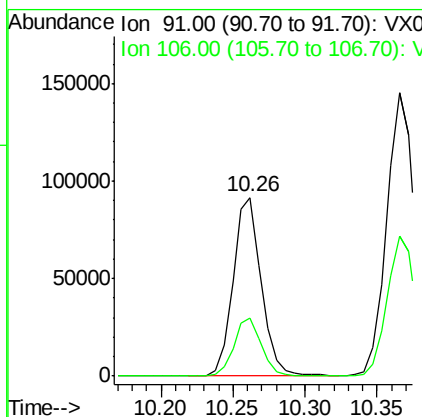
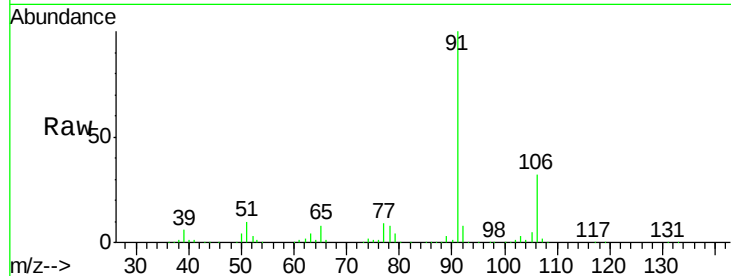




#67  
Ethyl Benzene  
Concen: 20.72 ug/l  
RT: 10.26 min Scan# 1587  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

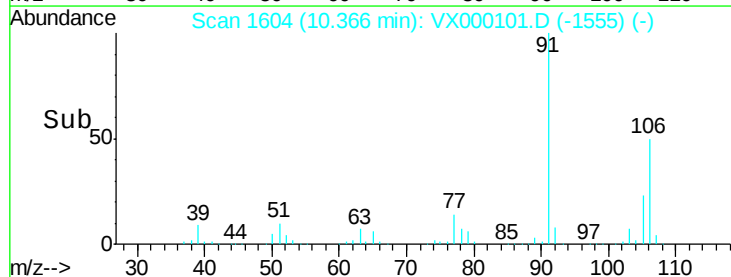
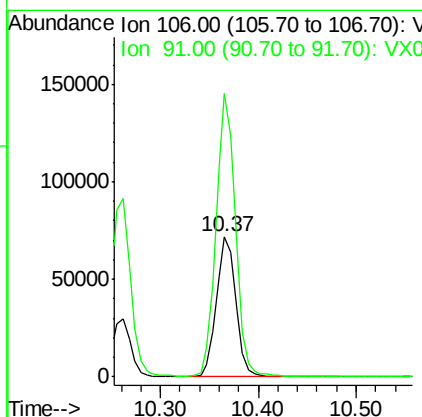
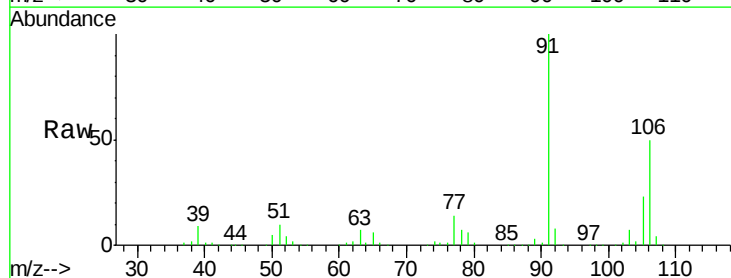
Instrument :  
ClientSampled :  
VX0215WBSD01

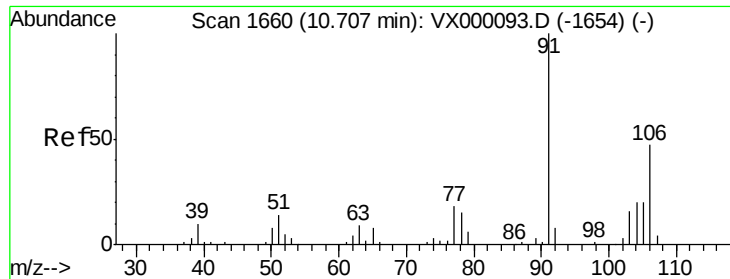
Tgt Ion: 91 Resp: 125365  
Ion Ratio Lower Upper  
91 100  
106 32.4 25.8 38.6



#68  
m/p-Xylenes  
Concen: 41.59 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 106 Resp: 99659  
Ion Ratio Lower Upper  
106 100  
91 200.9 159.1 238.7

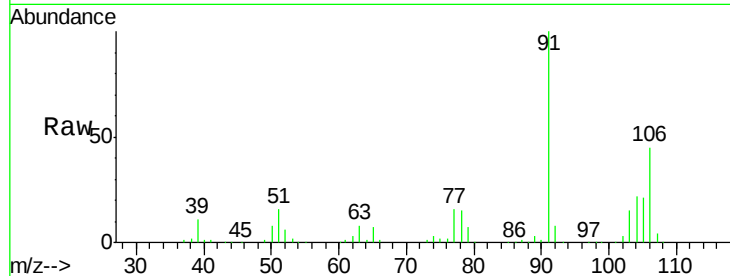




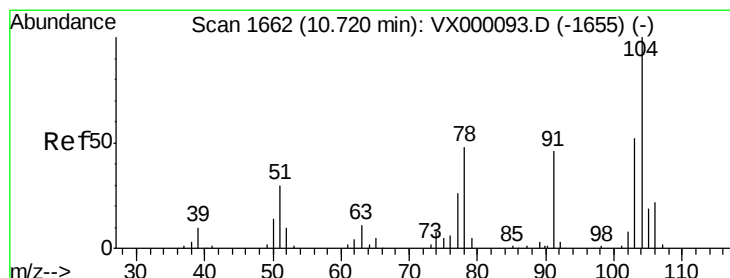
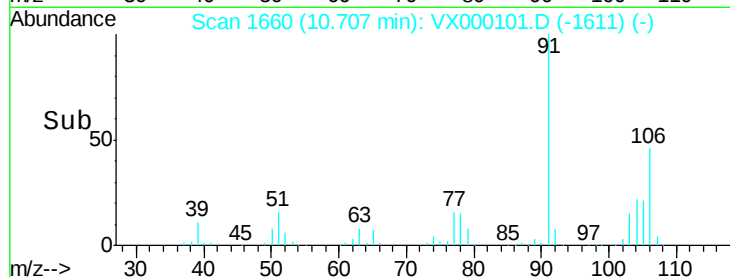
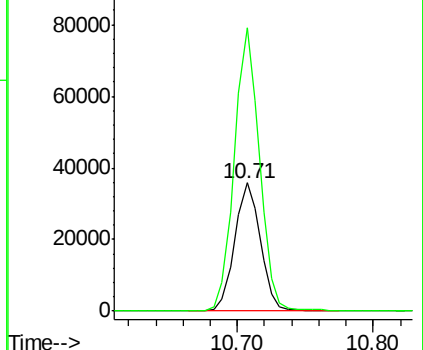
#69  
o-Xylene  
Concen: 20.46 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Instrument :  
ClientSampled :  
VX0215WBSD01

Tgt Ion:106 Resp: 47295  
Ion Ratio Lower Upper  
106 100  
91 215.3 103.8 311.6

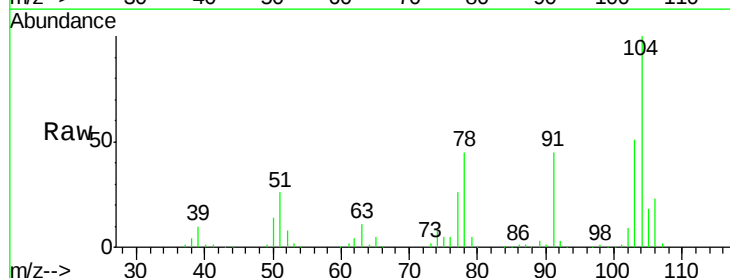


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

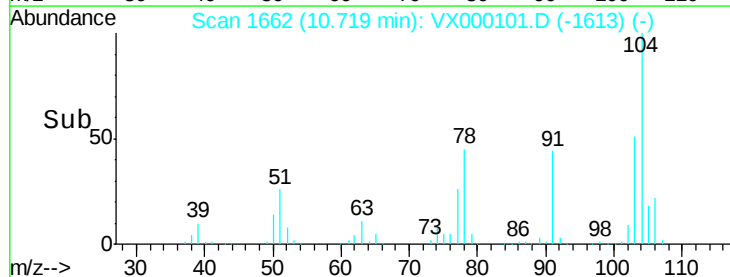
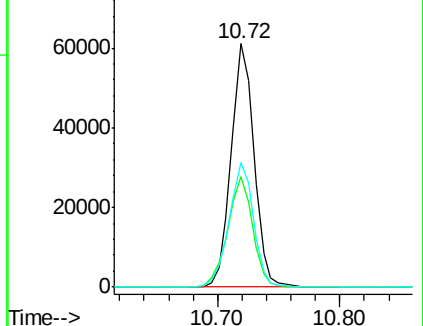


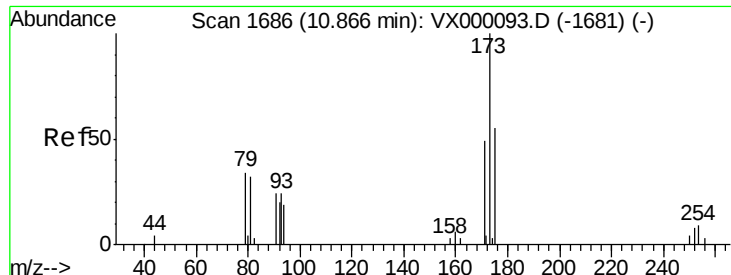
#70  
Styrene  
Concen: 20.96 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion:104 Resp: 79223  
Ion Ratio Lower Upper  
104 100  
78 49.5 38.2 57.4  
103 54.9 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.43 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

VX0215WBSD01

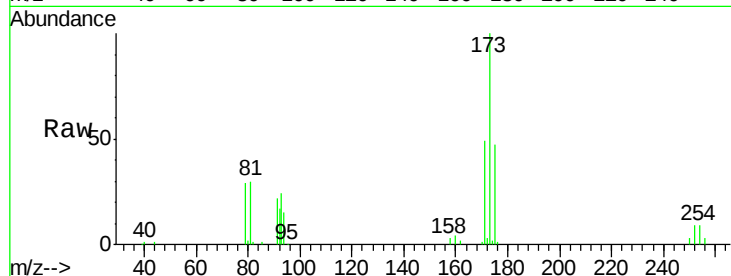
Tgt Ion:173 Resp: 22259

Ion Ratio Lower Upper

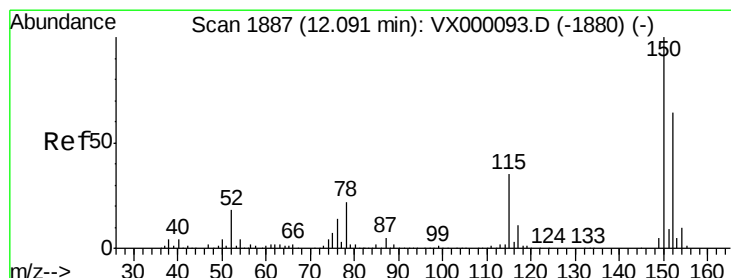
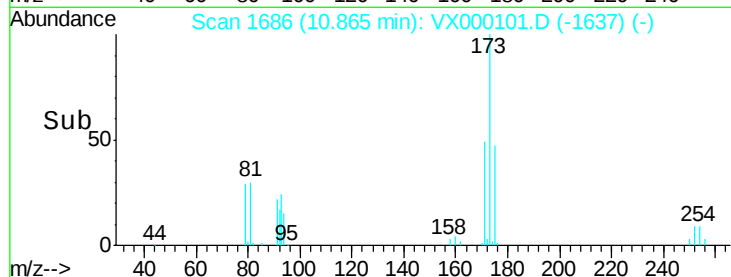
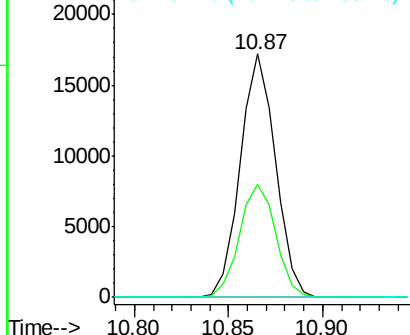
173 100

175 47.7 24.3 73.0

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: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

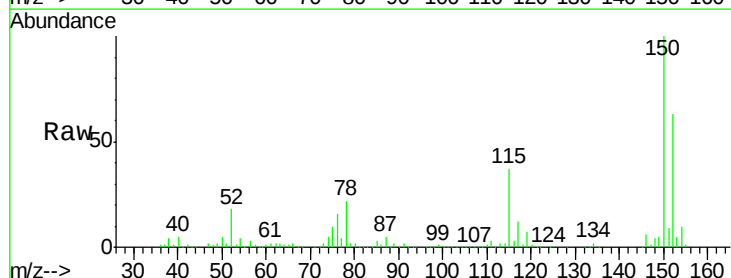
Tgt Ion:152 Resp: 97124

Ion Ratio Lower Upper

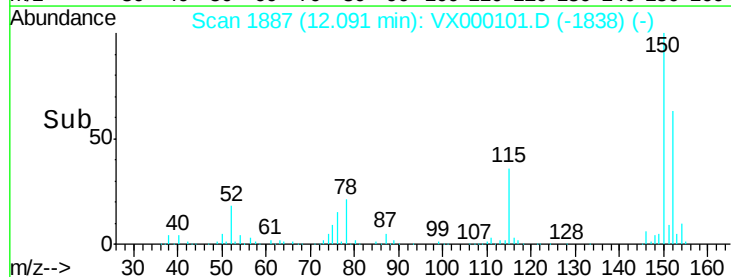
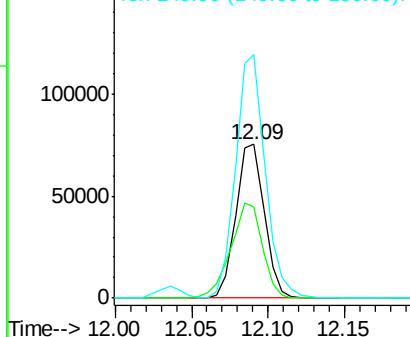
152 100

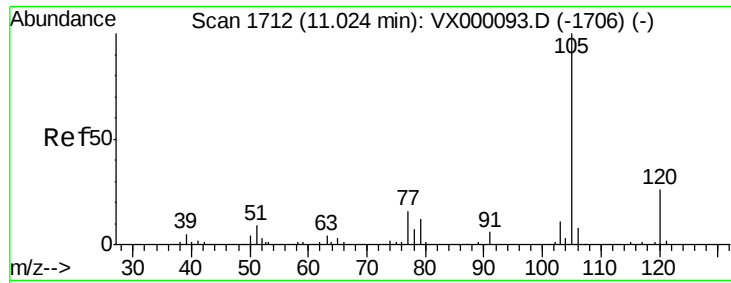
115 68.7 39.1 117.2

150 164.9 0.0 348.2



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





#73

Isopropylbenzene

Concen: 21.06 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

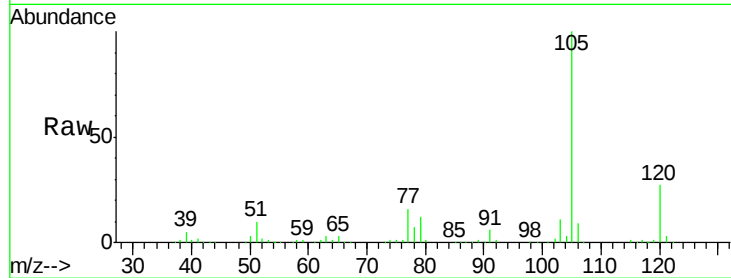
VX0215WBSD01

Tgt Ion: 105 Resp: 129646

Ion Ratio Lower Upper

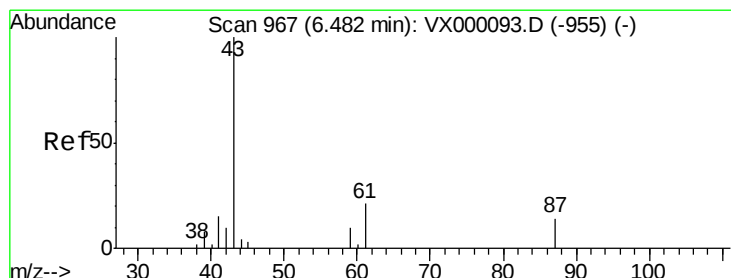
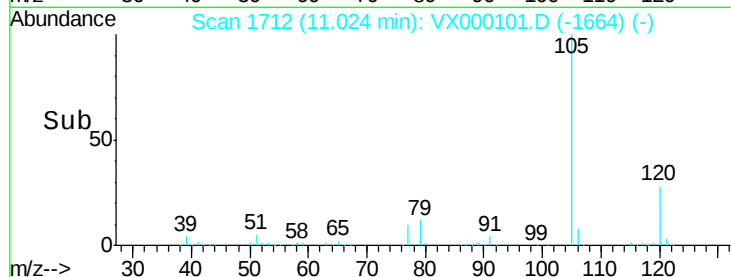
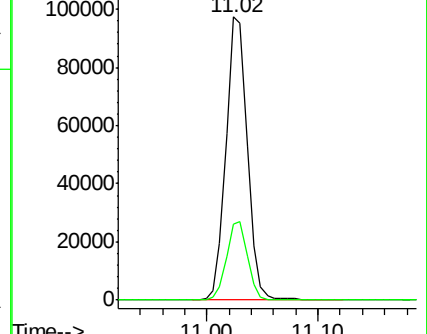
105 100

120 27.3 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.08 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Tgt Ion: 43 Resp: 65553

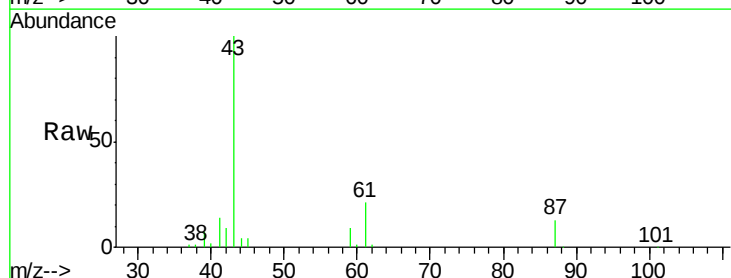
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.6 23.4

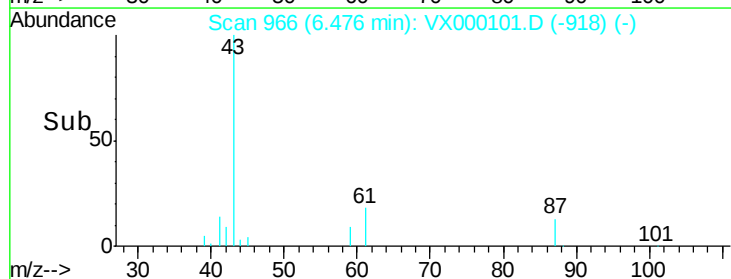
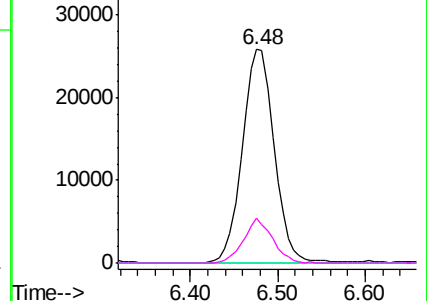


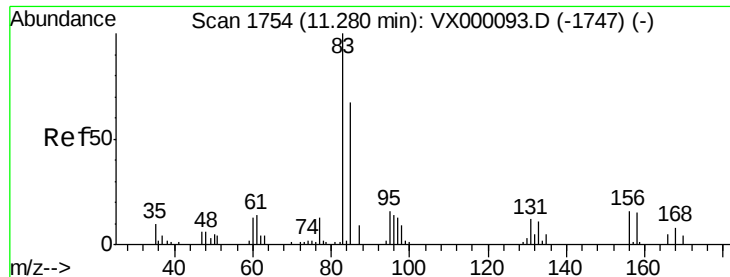
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.62 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

VX0215WBSD01

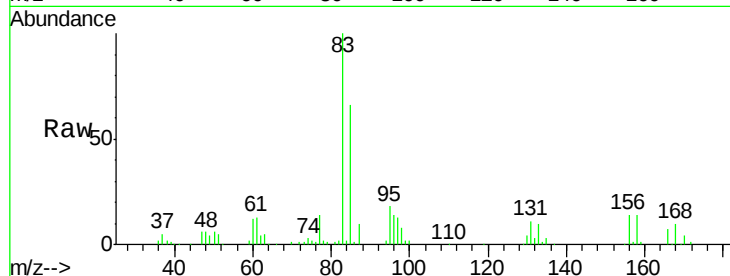
Tgt Ion: 83 Resp: 44208

Ion Ratio Lower Upper

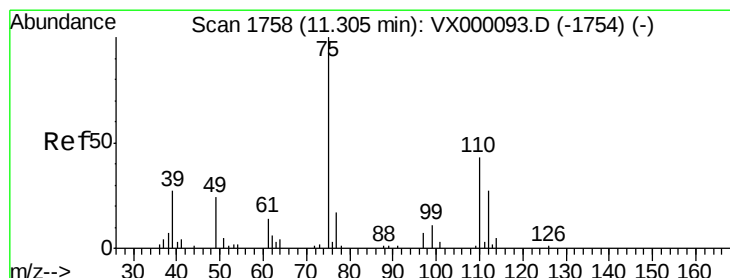
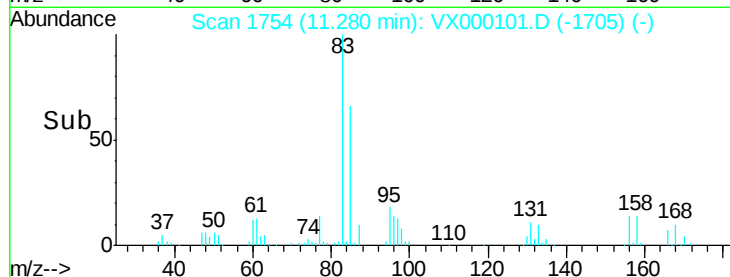
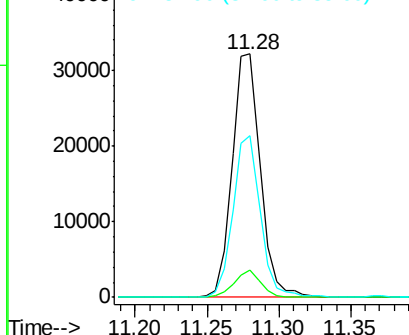
83 100

131 10.5 5.6 16.8

85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.10 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000101.D

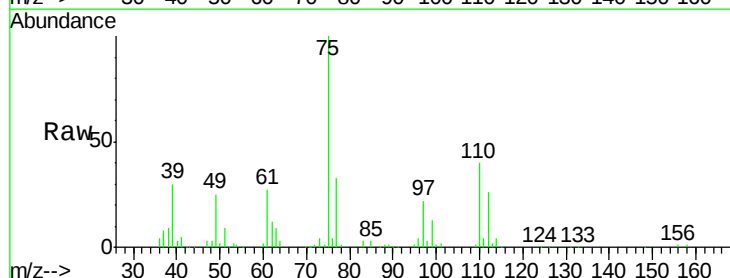
Acq: 15 Feb 2018 17:42

Tgt Ion: 75 Resp: 54533

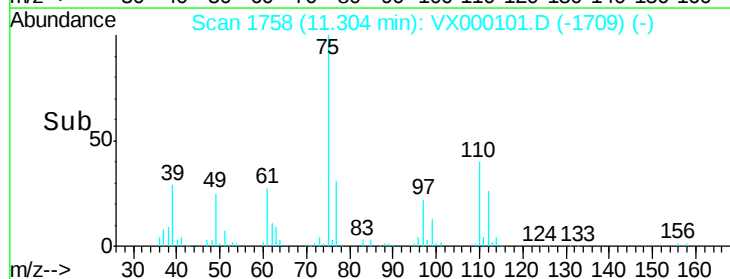
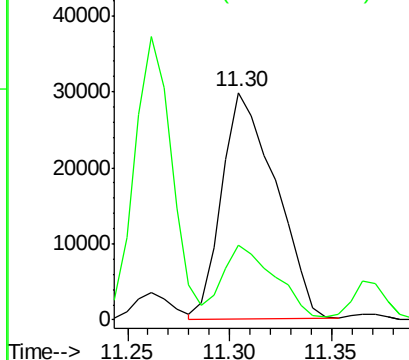
Ion Ratio Lower Upper

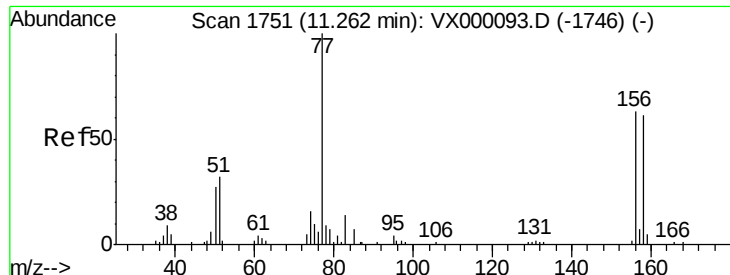
75 100

77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.78 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampleId :

VX0215WBSD01

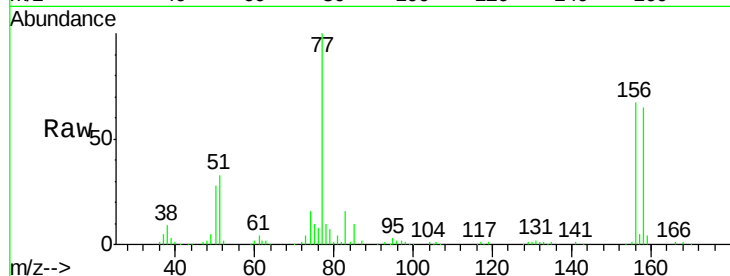
Tgt Ion:156 Resp: 32992

Ion Ratio Lower Upper

156 100

77 144.1 67.0 201.0

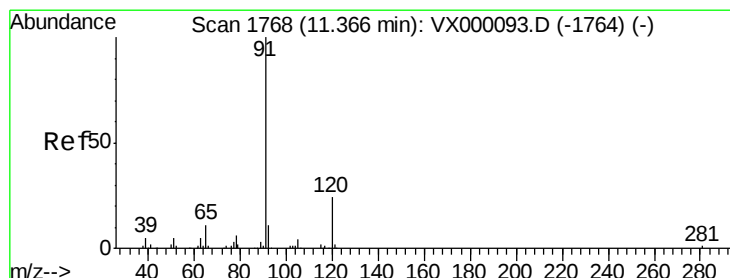
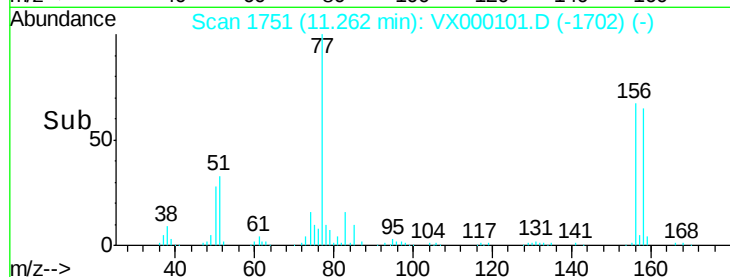
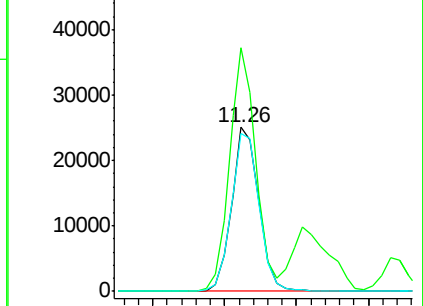
158 99.5 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.24 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000101.D

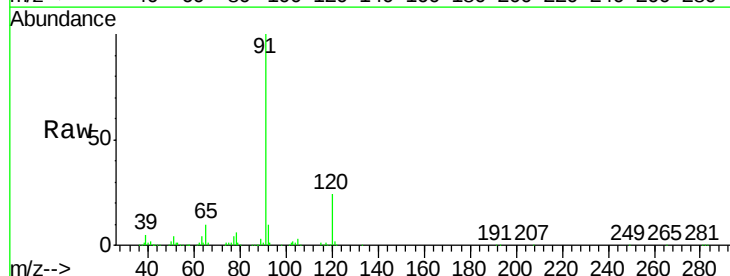
Acq: 15 Feb 2018 17:42

Tgt Ion: 91 Resp: 154109

Ion Ratio Lower Upper

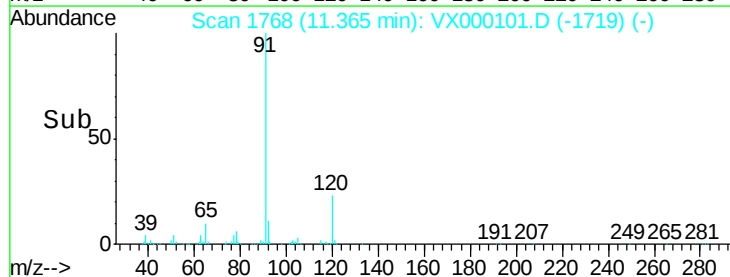
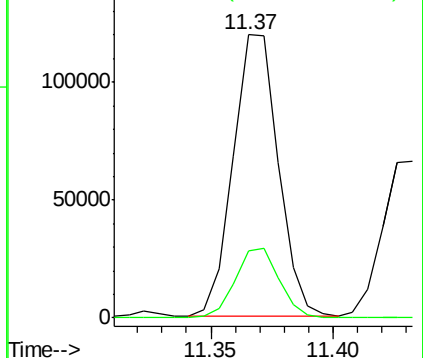
91 100

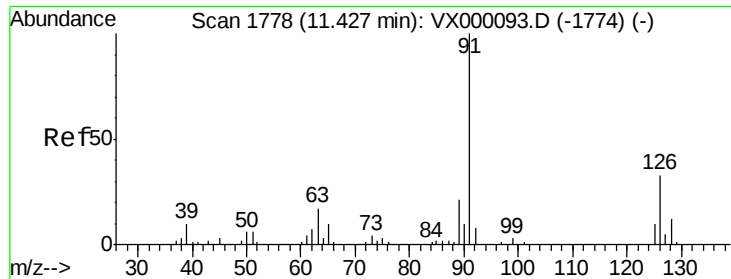
120 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

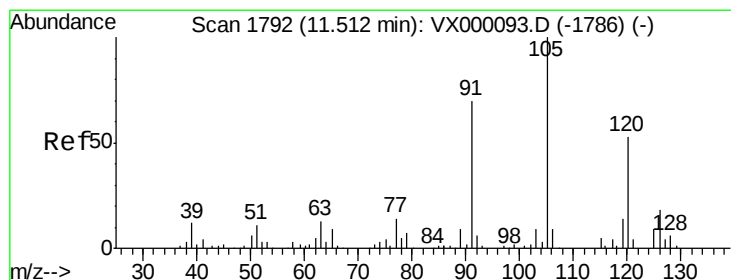
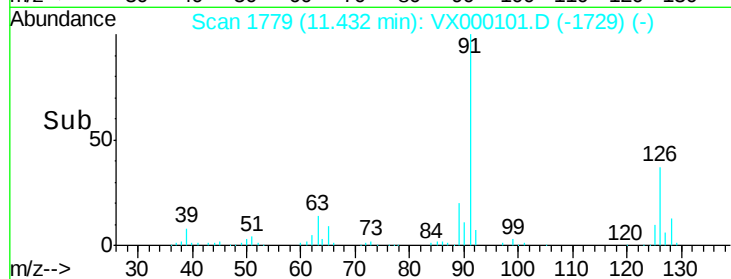
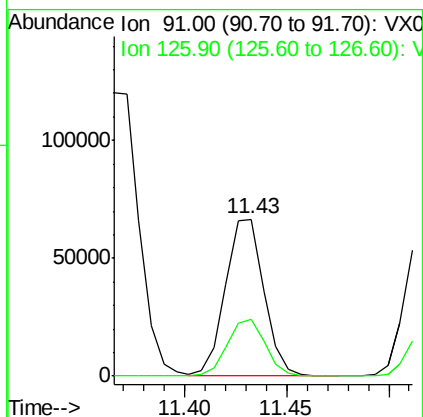
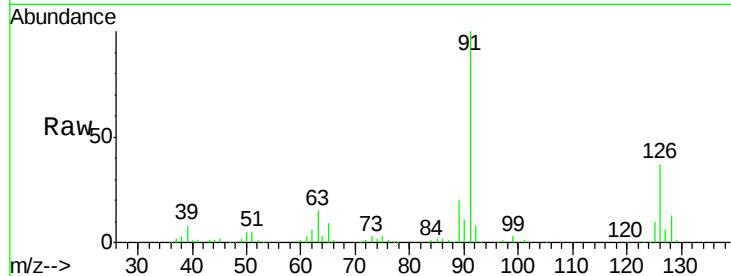




#79  
 2-Chlorotoluene  
 Concen: 20.71 ug/l  
 RT: 11.43 min Scan# 1779  
 Delta R.T. 0.01 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

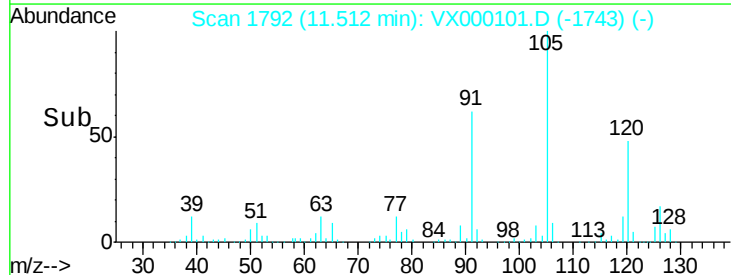
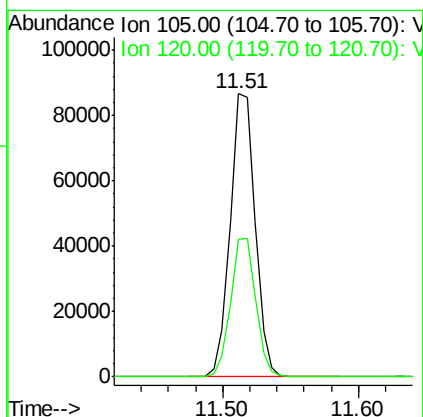
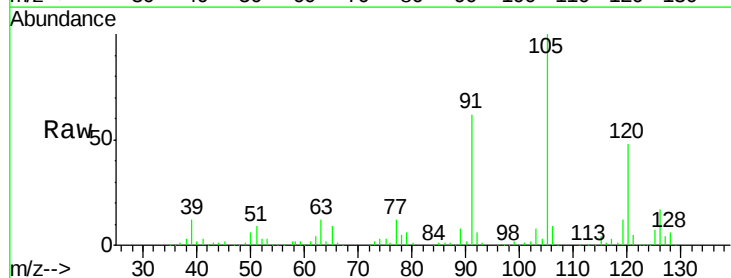
Instrument :  
 ClientSampleId :  
 VX0215WBSD01

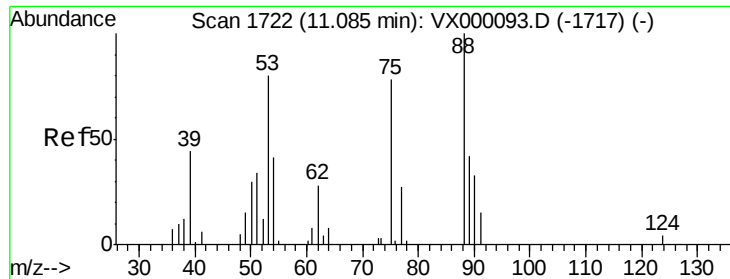
Tgt Ion: 91 Resp: 86004  
 Ion Ratio Lower Upper  
 91 100  
 126 36.5 18.4 55.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.29 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Tgt Ion: 105 Resp: 110788  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 24.9 74.6

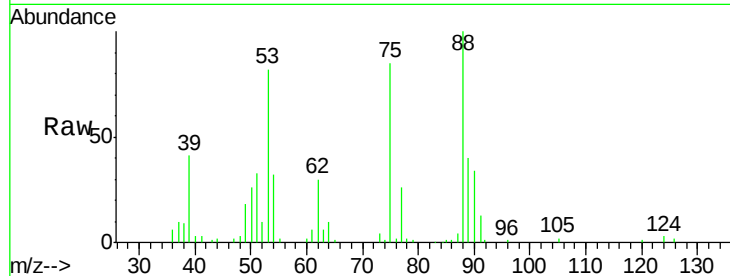




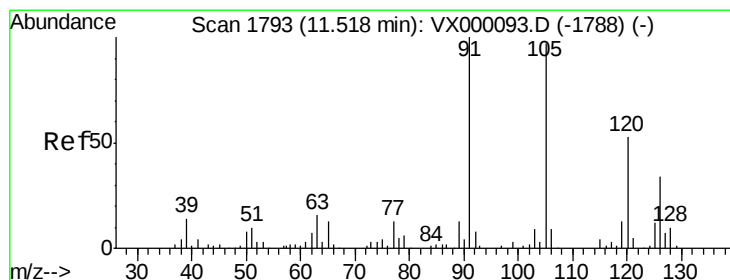
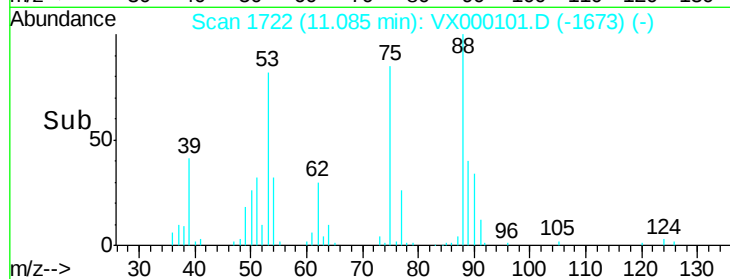
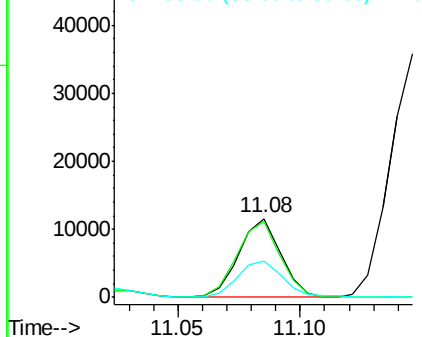
#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.56 ug/l  
RT: 11.08 min Scan# 1722  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Instrument :  
ClientSampleId :  
VX0215WBSD01

Tgt Ion: 75 Resp: 13815  
Ion Ratio Lower Upper  
75 100  
53 99.4 72.3 108.5  
89 50.5 40.6 60.8

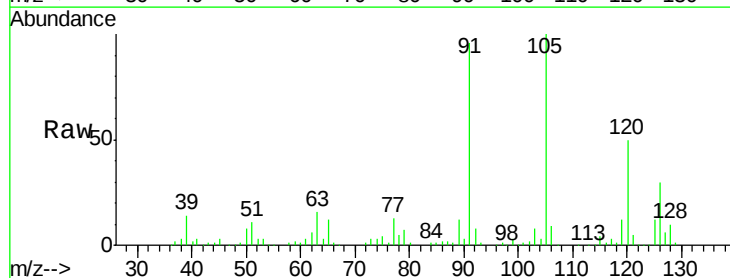


Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0

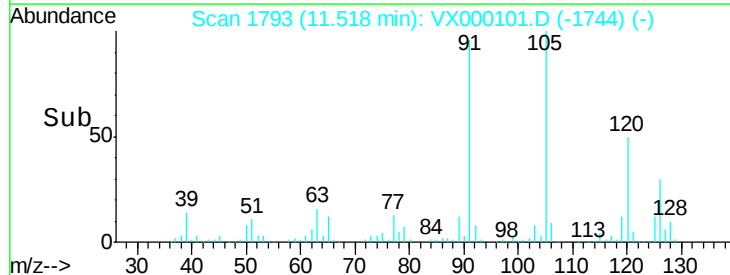
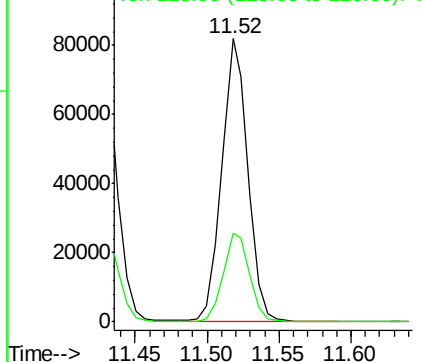


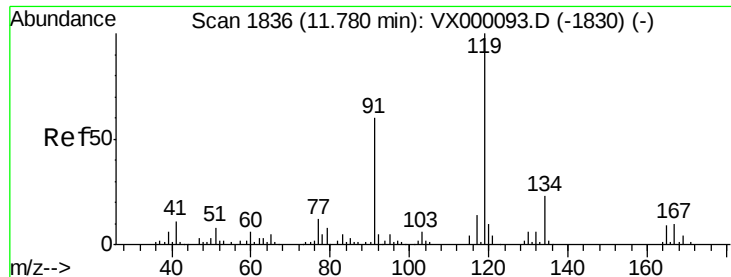
#82  
4-Chlorotoluene  
Concen: 20.80 ug/l  
RT: 11.52 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 91 Resp: 104472  
Ion Ratio Lower Upper  
91 100  
126 31.5 16.7 50.0



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V

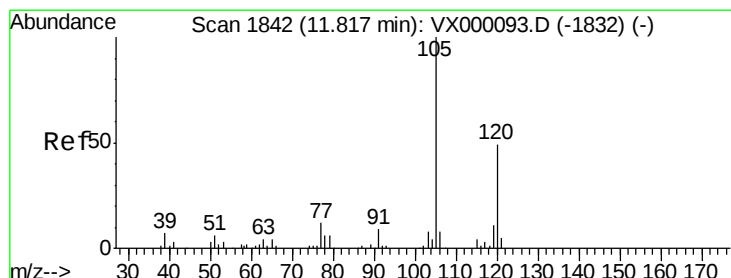
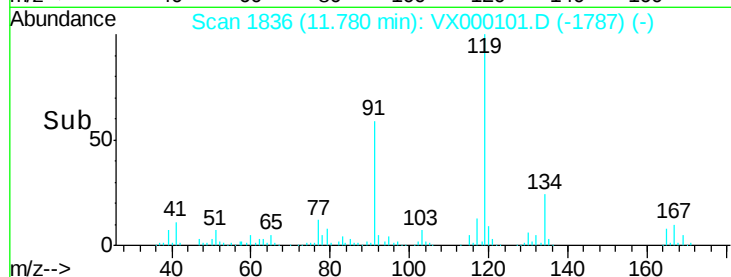
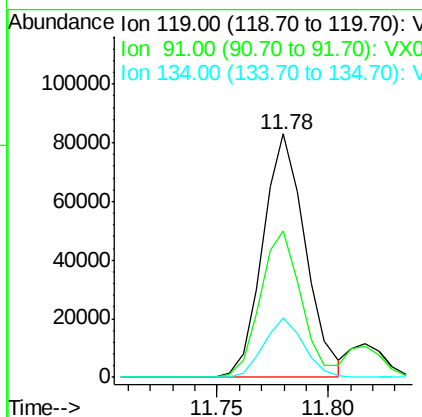
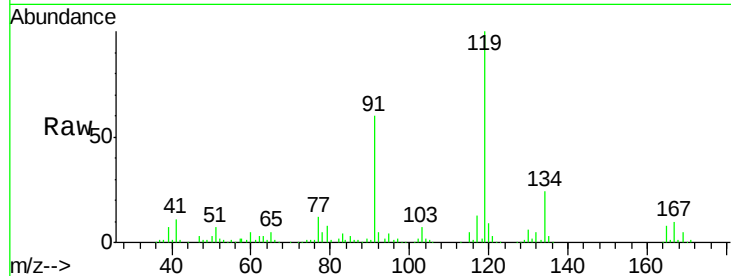




#83  
 tert-Butylbenzene  
 Concen: 20.97 ug/l  
 RT: 11.78 min Scan# 1836  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

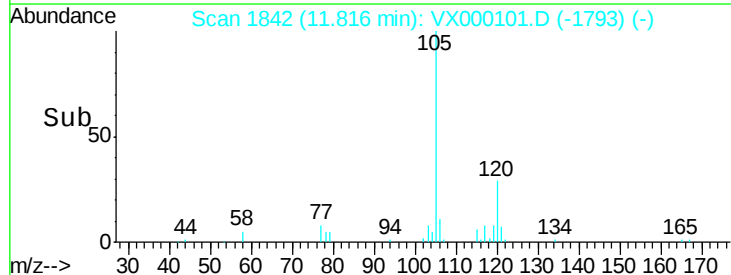
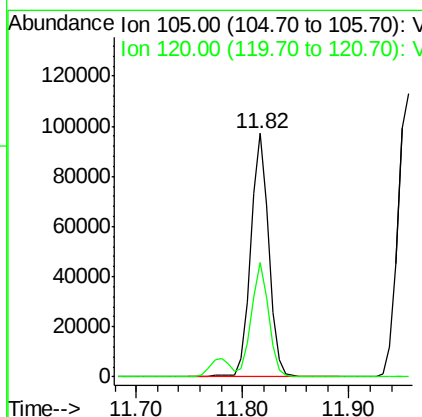
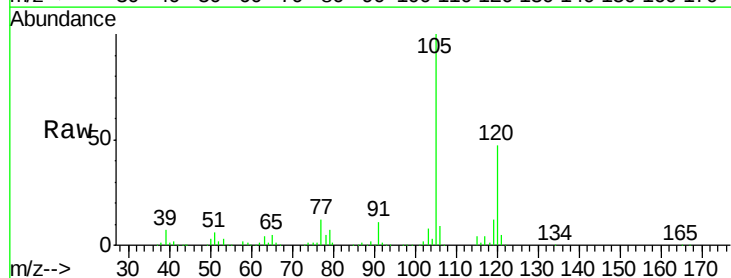
Instrument :  
 ClientSampleId :  
 VX0215WBSD01

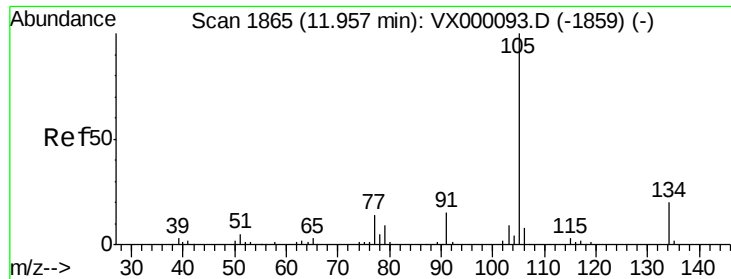
Tgt Ion:119 Resp: 110200  
 Ion Ratio Lower Upper  
 119 100  
 91 58.4 28.4 85.2  
 134 22.9 11.8 35.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.27 ug/l  
 RT: 11.82 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Tgt Ion:105 Resp: 114899  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 23.1 69.2

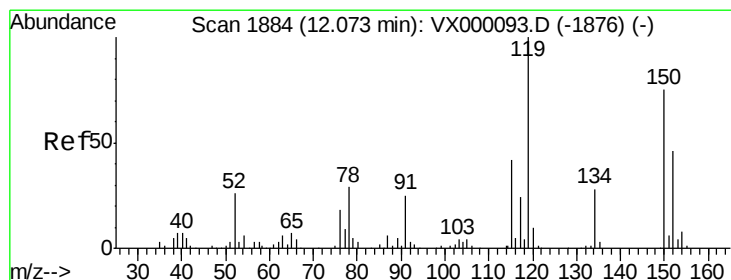
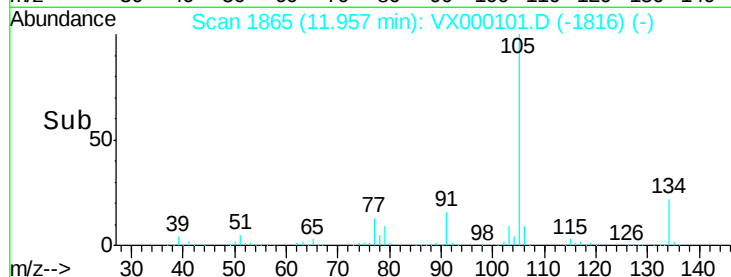
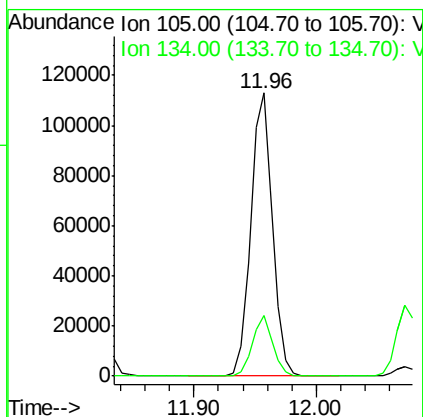
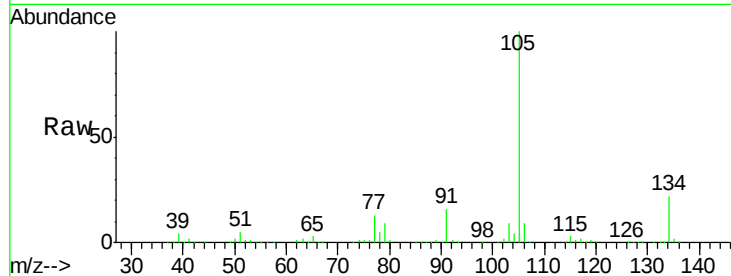




#85  
 sec-Butylbenzene  
 Concen: 21.42 ug/l  
 RT: 11.96 min Scan# 1865  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

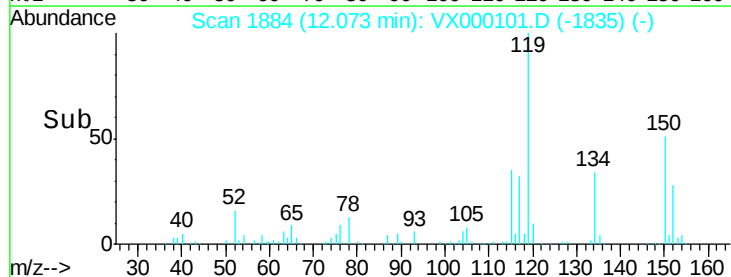
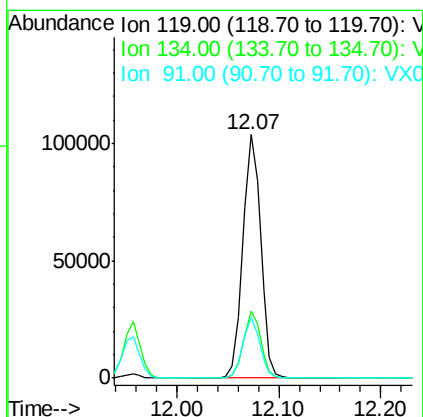
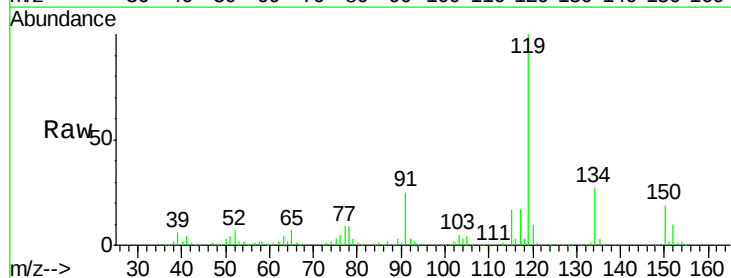
Instrument :  
 ClientSampled :  
 VX0215WBSD01

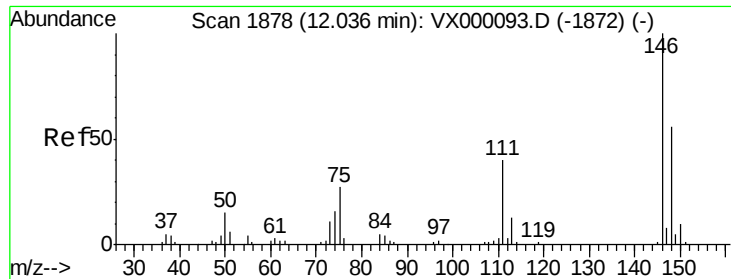
Tgt Ion:105 Resp: 139767  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.5 31.6



#86  
 p-Isopropyltoluene  
 Concen: 21.40 ug/l  
 RT: 12.07 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Tgt Ion:119 Resp: 124807  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.7 41.0  
 91 24.0 11.7 35.0

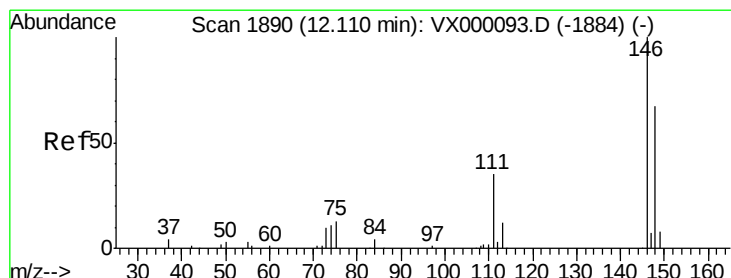
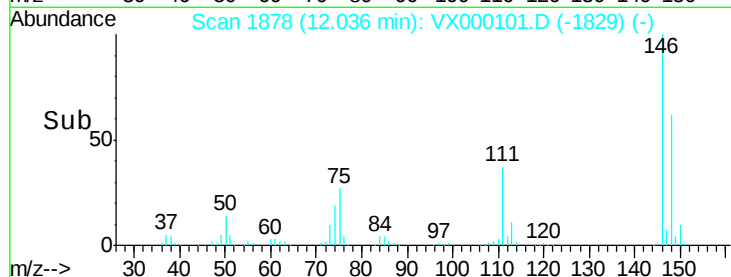
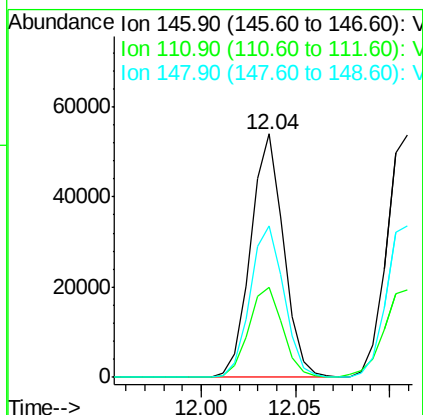
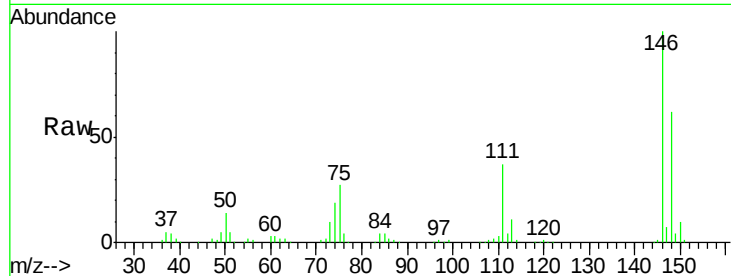




#87  
 1,3-Dichlorobenzene  
 Concen: 20.34 ug/l  
 RT: 12.04 min Scan# 1878  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

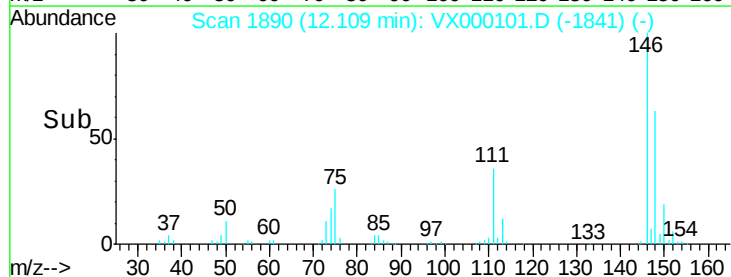
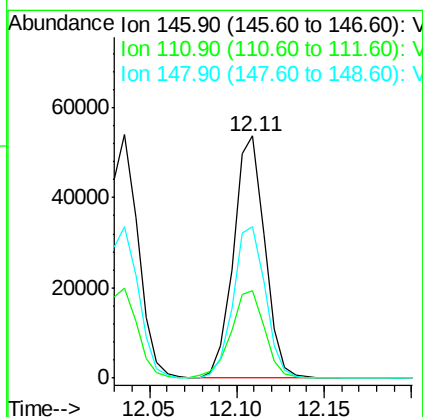
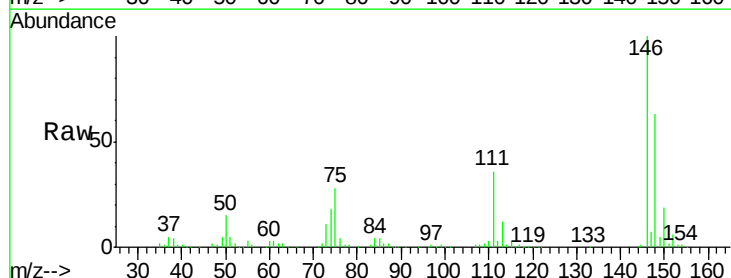
Instrument :  
 ClientSampleId :  
 VX0215WBSD01

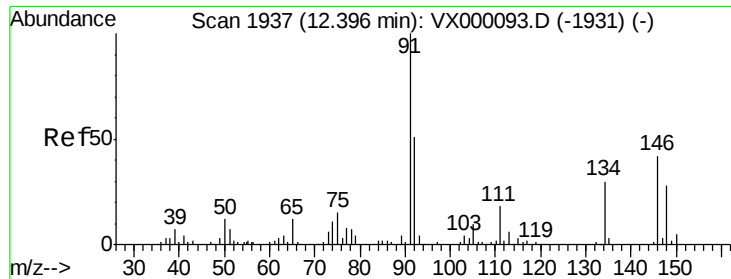
Tgt Ion:146 Resp: 65083  
 Ion Ratio Lower Upper  
 146 100  
 111 38.6 19.1 57.3  
 148 63.8 32.2 96.6



#88  
 1,4-Dichlorobenzene  
 Concen: 20.17 ug/l  
 RT: 12.11 min Scan# 1890  
 Delta R.T. -0.00 min  
 Lab File: VX000101.D  
 Acq: 15 Feb 2018 17:42

Tgt Ion:146 Resp: 66695  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 18.4 55.0  
 148 64.7 31.9 95.9

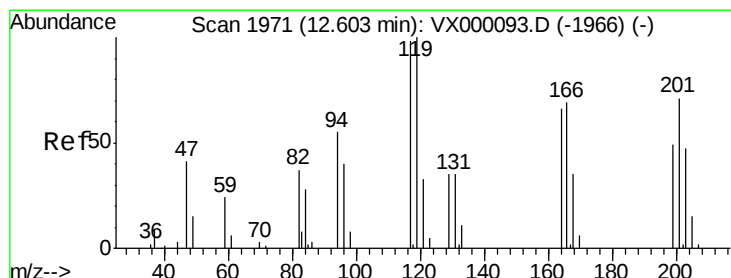
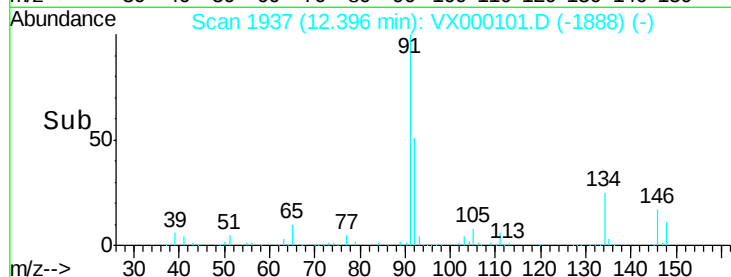
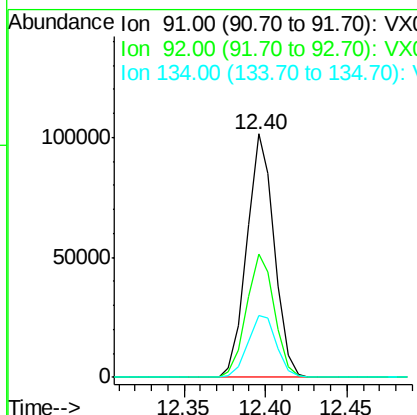
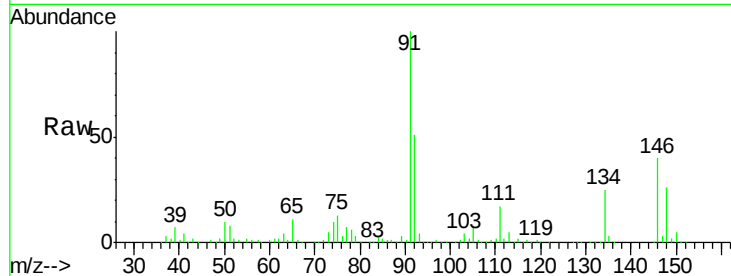




#89  
n-Butylbenzene  
Concen: 21.63 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

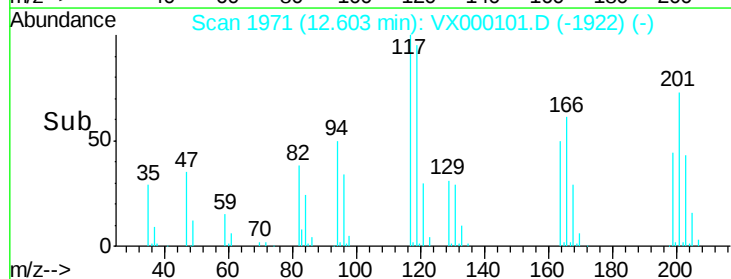
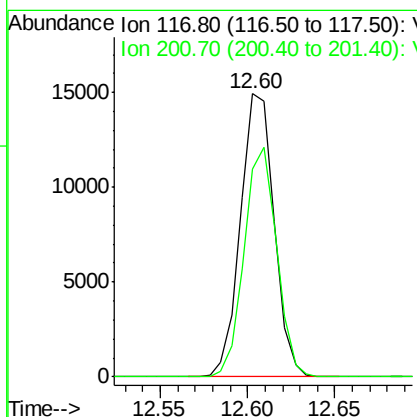
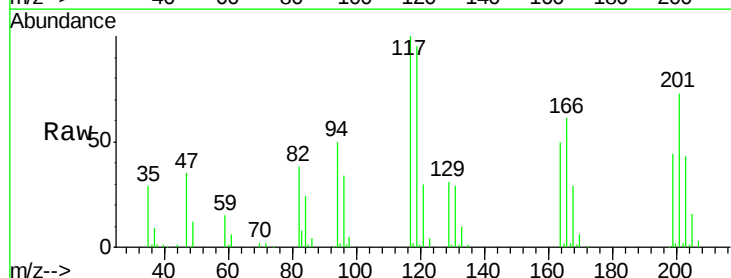
Instrument :  
ClientSampleId :  
VX0215WBSD01

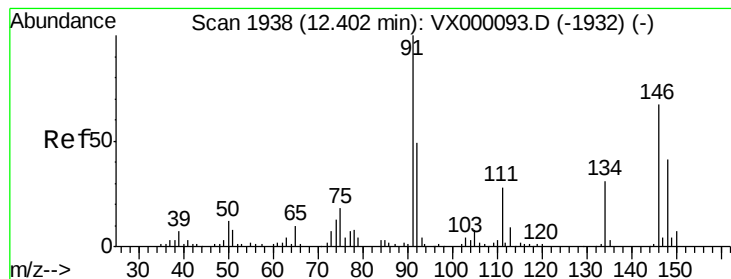
Tgt Ion: 91 Resp: 118966  
Ion Ratio Lower Upper  
91 100  
92 51.9 26.2 78.6  
134 26.6 14.3 42.9



#90  
Hexachloroethane  
Concen: 21.06 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion: 117 Resp: 19992  
Ion Ratio Lower Upper  
117 100  
201 78.3 41.1 123.4





#91

1,2-Dichlorobenzene

Concen: 20.21 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

VX0215WBSD01

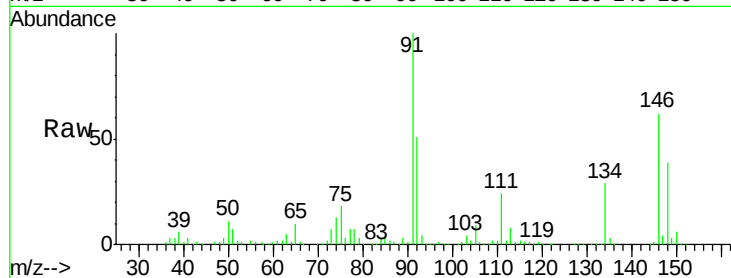
Tgt Ion:146 Resp: 63665

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.8

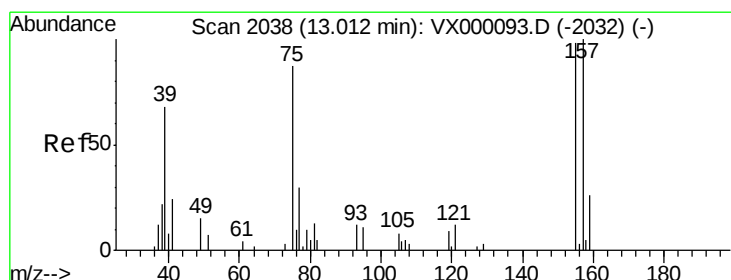
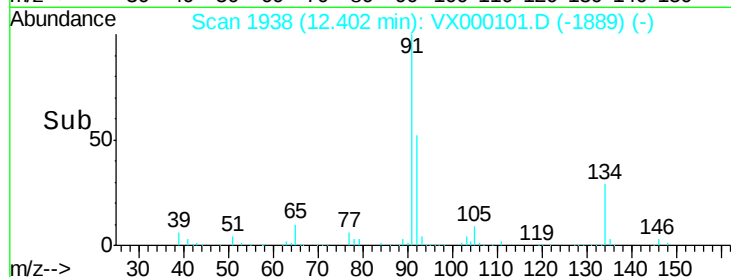
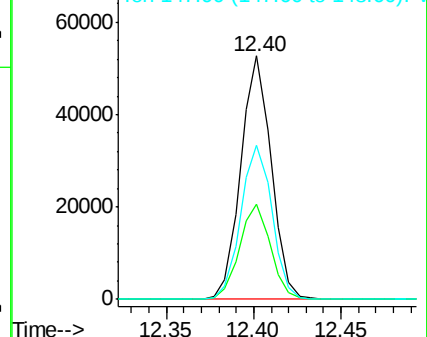
148 64.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.19 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

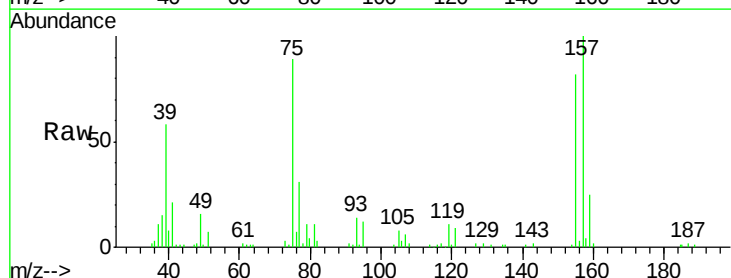
Tgt Ion: 75 Resp: 13204

Ion Ratio Lower Upper

75 100

155 91.2 49.3 147.9

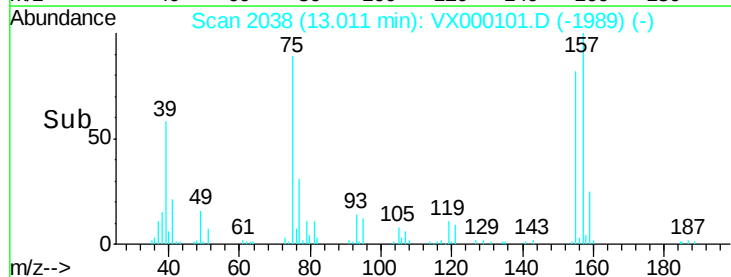
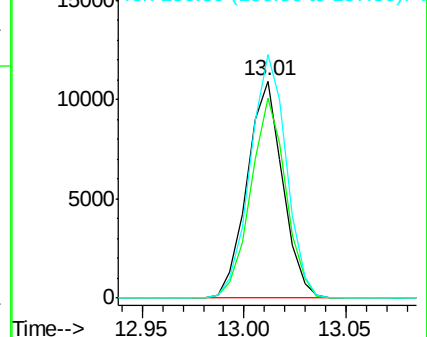
157 114.4 63.7 191.1

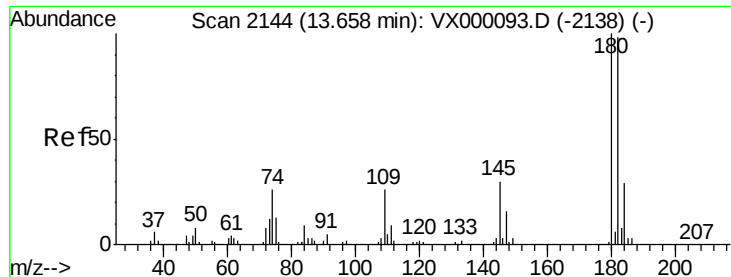


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

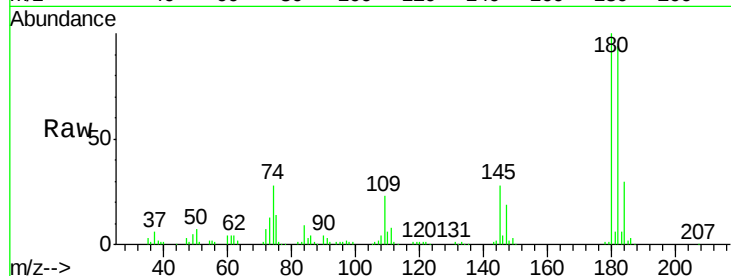




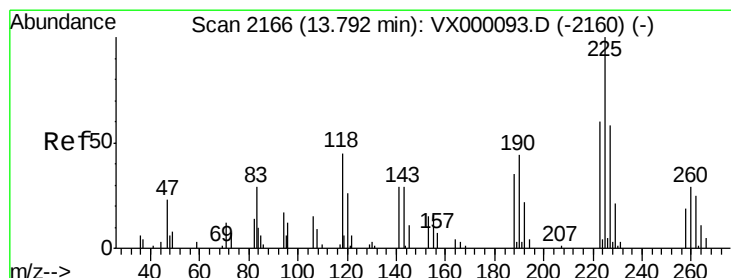
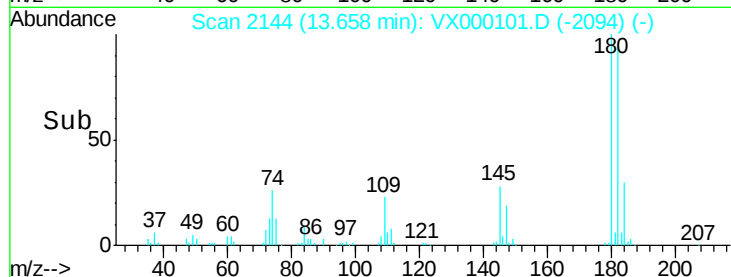
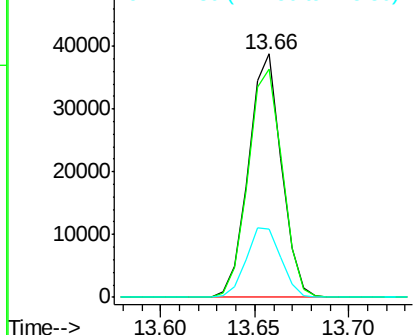
#93  
1,2,4-Trichlorobenzene  
Concen: 19.87 ug/l  
RT: 13.66 min Scan# 2144  
Delta R.T. 0.01 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Instrument :  
ClientSampleId :  
VX0215WBSD01

Tgt Ion:180 Resp: 46953  
Ion Ratio Lower Upper  
180 100  
182 97.0 47.8 143.4  
145 30.2 14.7 44.1

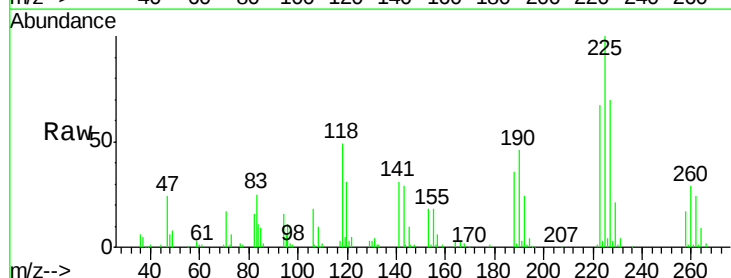


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V

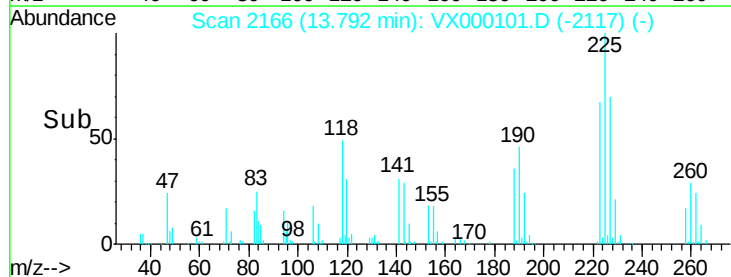
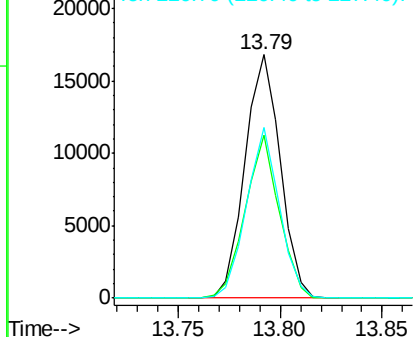


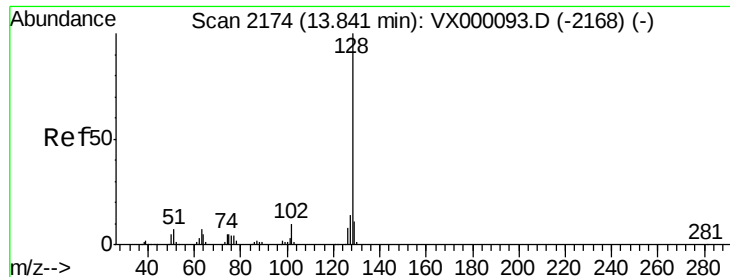
#94  
Hexachlorobutadiene  
Concen: 19.57 ug/l  
RT: 13.79 min Scan# 2166  
Delta R.T. -0.00 min  
Lab File: VX000101.D  
Acq: 15 Feb 2018 17:42

Tgt Ion:225 Resp: 20182  
Ion Ratio Lower Upper  
225 100  
223 64.5 31.9 95.7  
227 65.6 32.8 98.4



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





#95

Naphthalene

Concen: 20.65 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

Instrument :

ClientSampled :

VX0215WBSD01

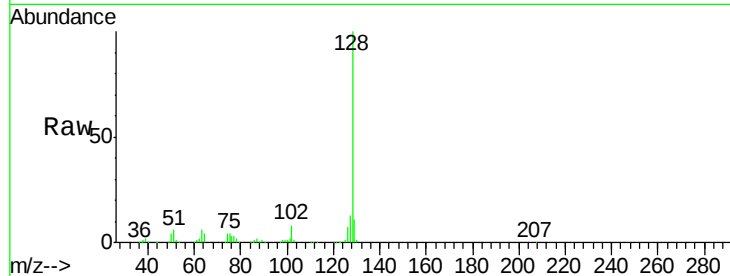
Tgt Ion:128 Resp: 165476

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

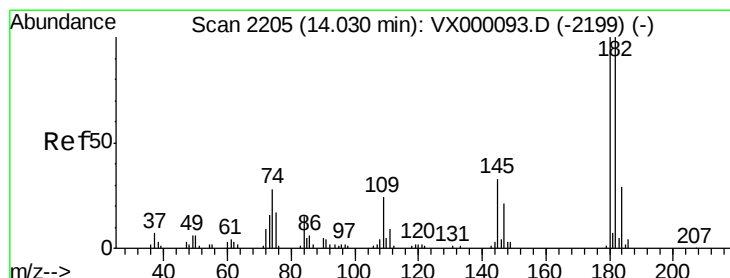
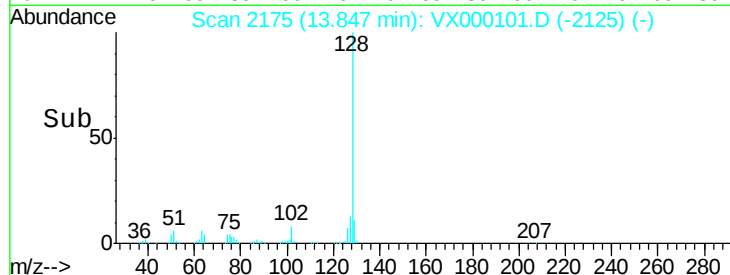
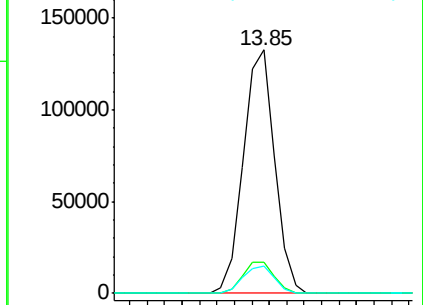
129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.66 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000101.D

Acq: 15 Feb 2018 17:42

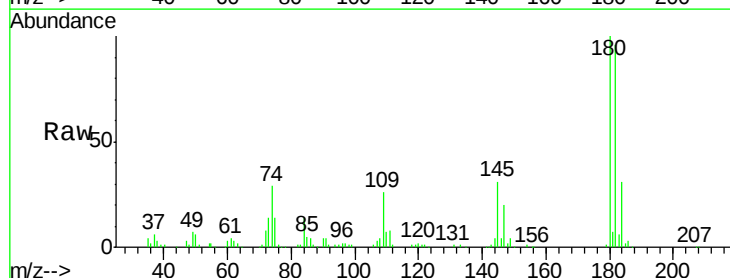
Tgt Ion:180 Resp: 45855

Ion Ratio Lower Upper

180 100

182 96.6 48.2 144.6

145 32.3 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

