

Data File : VX001282.D

Acq On : 01 May 2018 16:51

Operator : JC/MD

Sample : VX0501WBSD01

Misc : 5.0mL/MSVOA\_X/WATER

ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

Quant Time: May 02 02:04:00 2018

Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 193270   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 245975   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 233413   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 158938   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 121677   | 45.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.96%  |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 102939   | 48.58 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.16%  |      |
| 50) Toluene-d8            | 8.72   | 98  | 387978   | 51.25 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.50% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 147243   | 48.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.26%  |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 46153  | 21.59  | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 43477  | 20.71  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 44793  | 20.27  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 33372  | 19.27  | ug/l | 98     |
| 6) Chloroethane               | 1.73 | 64  | 26854  | 19.23  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 76141  | 20.42  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 25427  | 19.86  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 43626  | 20.29  | ug/l | 100    |
| 10) Methyl Iodide             | 2.51 | 142 | 32263  | 16.91  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59  | 50832  | 110.44 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 38639  | 19.93  | ug/l | 98     |
| 13) Acrolein                  | 2.29 | 56  | 24143  | 91.10  | ug/l | 100    |
| 14) Allyl chloride            | 2.73 | 41  | 66953  | 19.74  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 108989 | 102.16 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 115190 | 100.87 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 92652  | 18.34  | ug/l | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 57348  | 21.26  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 132387 | 20.05  | ug/l | 98     |
| 20) Methylene Chloride        | 2.86 | 84  | 42308  | 19.56  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 40862  | 19.36  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.87 | 45  | 122408 | 18.74  | ug/l | 95     |
| 23) Vinyl Acetate             | 3.83 | 43  | 523327 | 94.54  | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 73880  | 20.30  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 152910 | 99.03  | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 54873  | 18.53  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 44322  | 19.11  | ug/l | 99     |
| 28) Bromochloromethane        | 5.02 | 49  | 35519  | 21.71  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.17 | 42  | 95447  | 100.51 | ug/l | 100    |
| 30) Chloroform                | 5.23 | 83  | 73157  | 19.02  | ug/l | 98     |
| 31) Cyclohexane               | 5.58 | 56  | 63127  | 19.21  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 64444  | 19.17  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 54280  | 19.12  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.87 | 43  | 57002  | 19.89  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 56744  | 19.08  | ug/l | 99     |

Data File : VX001282.D

Acq On : 01 May 2018 16:51

Operator : JC/MD

Sample : VX0501WBSD01

Misc : 5.0mL/MSVOA\_X/WATER

ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

Quant Time: May 02 02:04:00 2018

Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 67634    | 20.14  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 158124   | 19.36  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.07  | 41   | 32587    | 19.52  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 61455    | 19.44  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 91170    | 19.64  | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 50034    | 20.01  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 40182    | 19.16  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 28326    | 19.27  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 51036    | 19.42  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.79  | 41   | 47676    | 19.32  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 21011    | 451.30 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 306864   | 102.56 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 106875   | 20.02  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 60245    | 19.27  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 54016    | 18.78  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 42743    | 19.82  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 60680    | 20.31  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 69427    | 20.02  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 153031   | 106.16 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 239619   | 102.47 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 43688    | 19.42  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 45850    | 20.06  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 58831    | 21.27  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 123838   | 19.51  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 43838    | 19.89  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.26 | 91   | 203834   | 19.49  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.37 | 106  | 160916   | 39.09  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 78179    | 19.58  | ug/l   | 99       |
| 70) Styrene                    | 10.72 | 104  | 128711   | 19.71  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 34507    | 18.86  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 214467   | 20.17  | ug/l   | 99       |
| 74) N-amyl acetate             | 6.47  | 43   | 91170    | 19.99  | ug/l # | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 63053    | 19.79  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 69451    | 23.63  | ug/l   | 92       |
| 77) Bromobenzene               | 11.26 | 156  | 61335    | 20.00  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.37 | 91   | 241042   | 20.40  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 140876   | 19.76  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 182016   | 20.38  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 14276    | 18.73  | ug/l   | 91       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 169273   | 19.74  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 176279   | 19.80  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 188267   | 20.58  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 219080   | 20.56  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 203350   | 20.81  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 113218   | 19.77  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 113571   | 19.24  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 171584   | 20.12  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 27817    | 19.66  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 112682   | 19.77  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 13218    | 20.53  | ug/l   | 99       |

Data Path : W:\HPCHEM1\MSVOA\_X\DATA\VX050118\  
Quantitation Report (Not Reviewed)

Data File : VX001282.D  
Acq On : 01 May 2018 16:51  
Operator : JC/MD  
Sample : VX0501WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

Quant Time: May 02 02:04:00 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050118W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 02 01:48:25 2018  
Response via : Initial Calibration

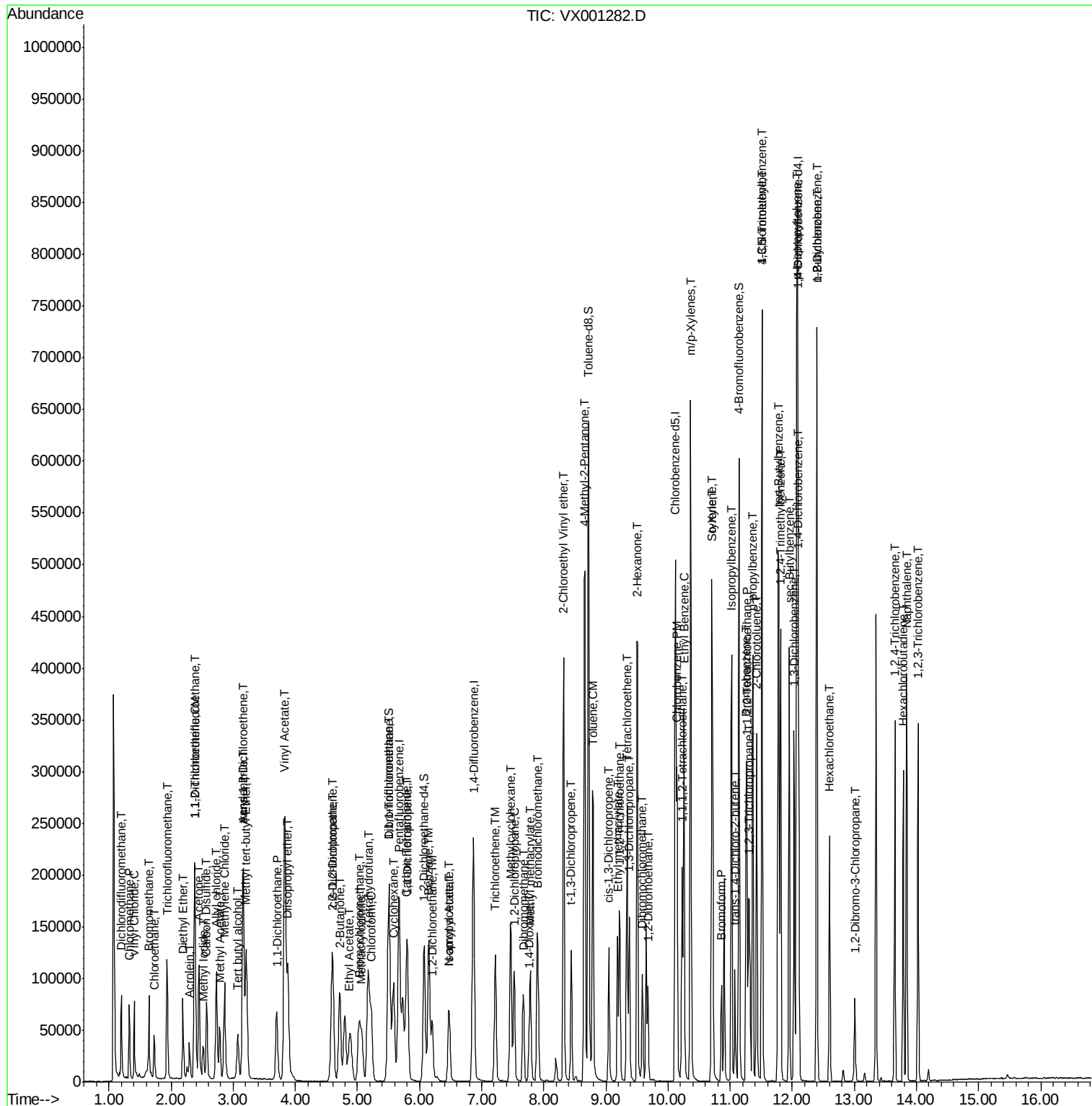
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 86774    | 18.93 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 48191    | 20.09 | ug/l  | 99       |
| 95) Naphthalene            | 13.84 | 128  | 236839   | 20.36 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 88930    | 19.76 | ug/l  | 99       |

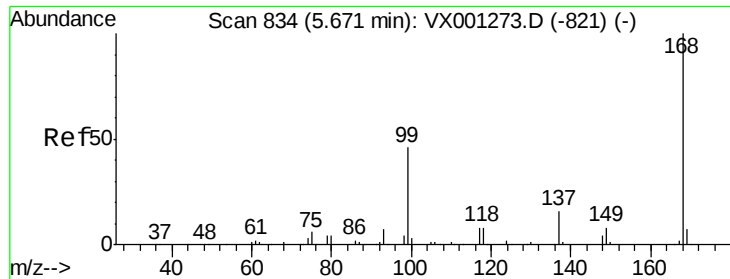
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 15      Sample Multiplier: 1
```

VX0501WBSD01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

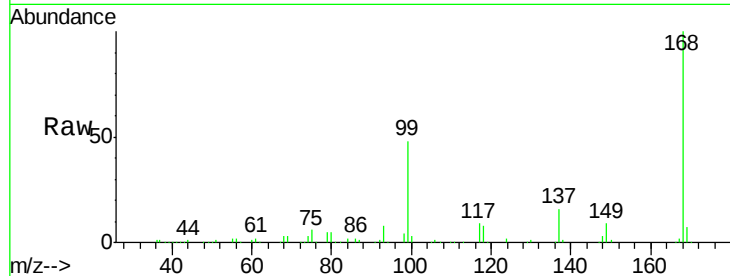
VX0501WBSD01

Tgt Ion:168 Resp: 193270

Ion Ratio Lower Upper

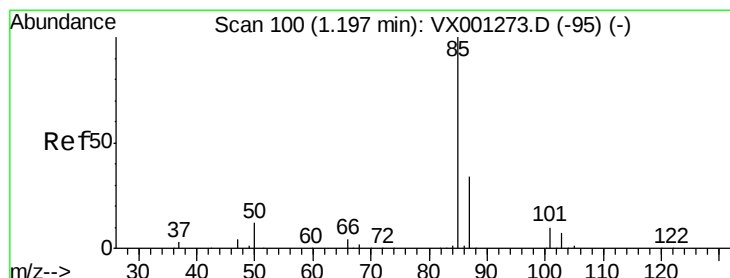
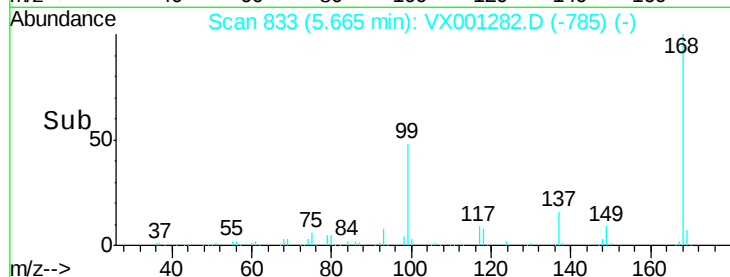
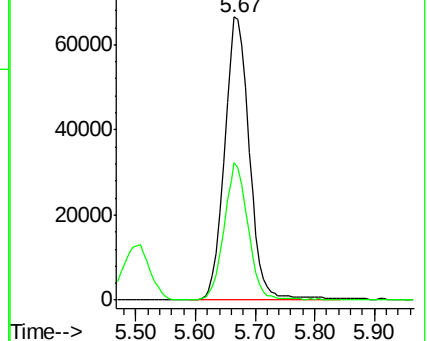
168 100

99 48.4 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.59 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001282.D

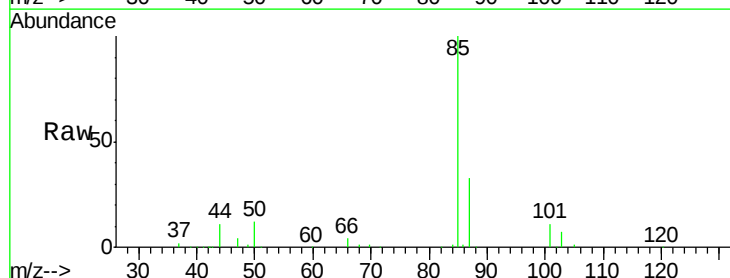
Acq: 01 May 2018 16:51

Tgt Ion: 85 Resp: 46153

Ion Ratio Lower Upper

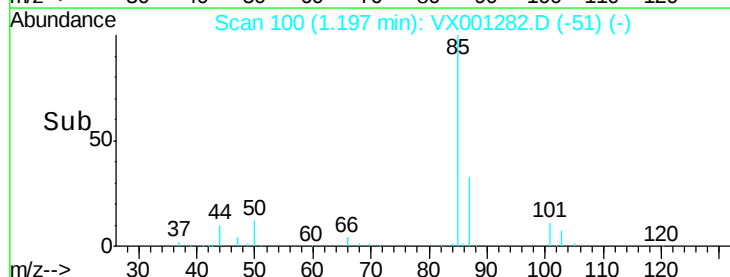
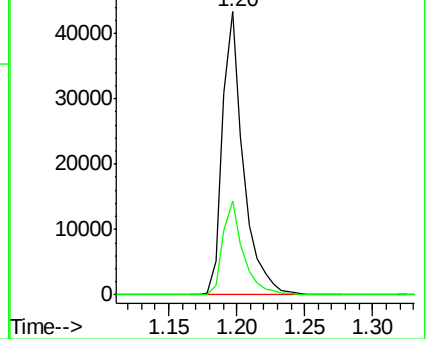
85 100

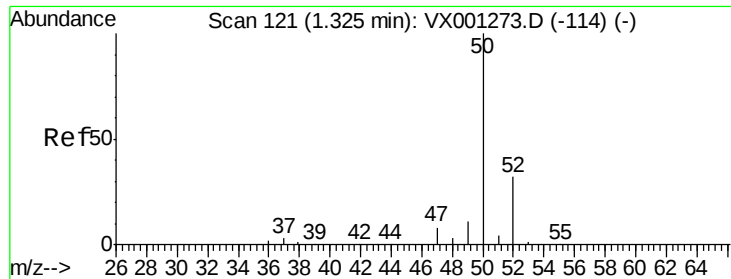
87 33.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

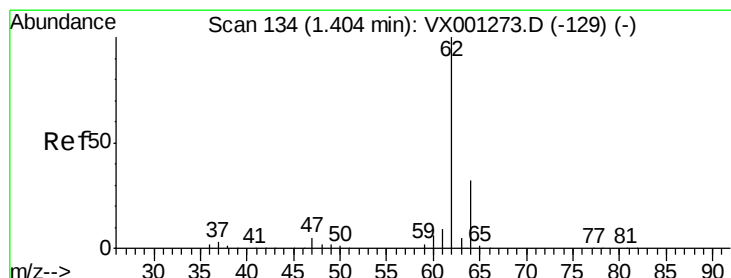
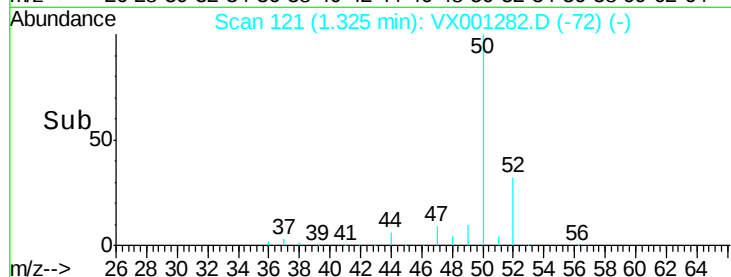
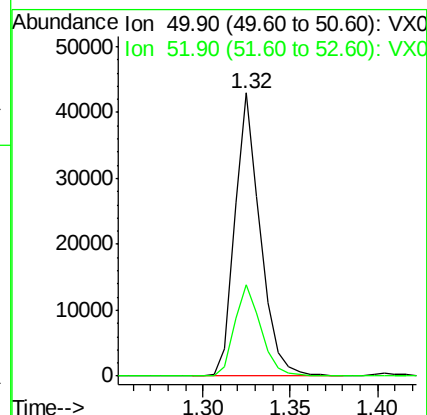
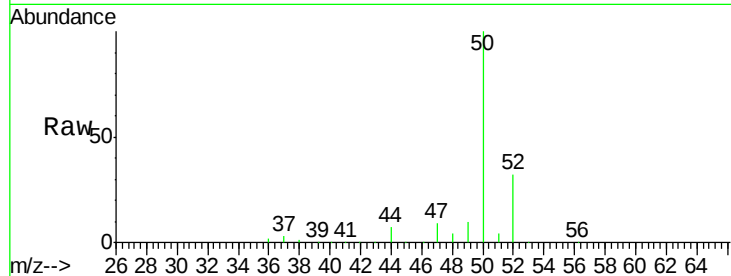
VX0501WBSD01

Tgt Ion: 50 Resp: 43477

Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5



#4

Vinyl Chloride

Concen: 20.27 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001282.D

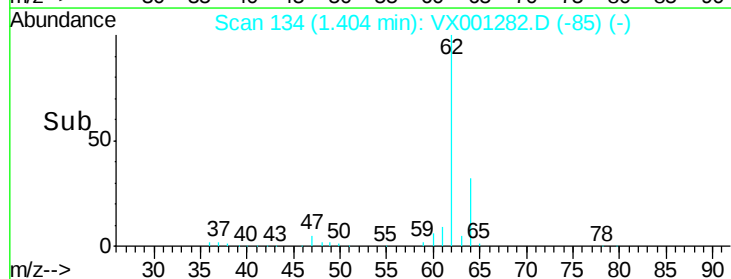
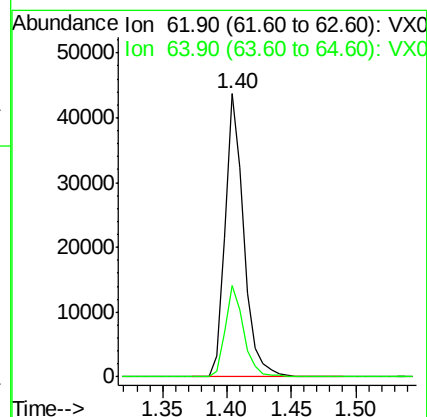
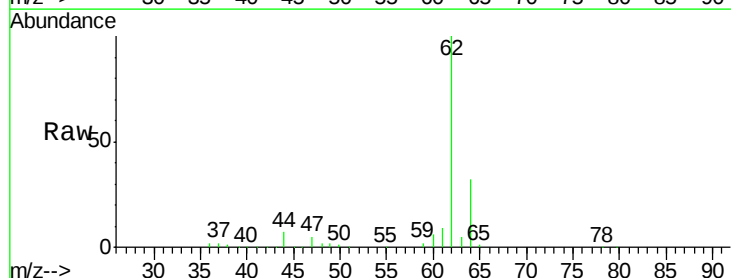
Acq: 01 May 2018 16:51

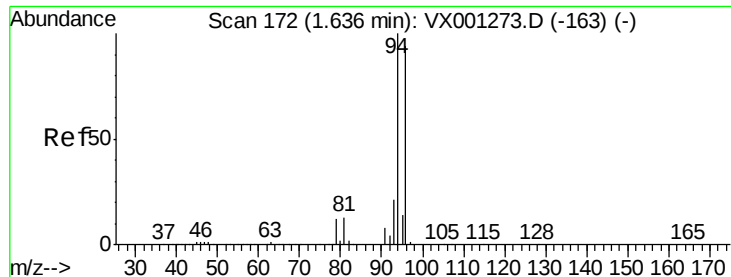
Tgt Ion: 62 Resp: 44793

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 19.27 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

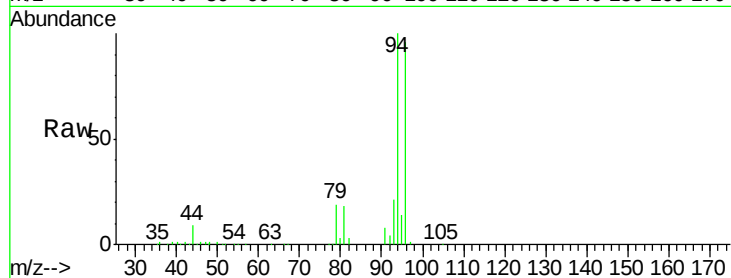
VX0501WBSD01

Tgt Ion: 94 Resp: 33372

Ion Ratio Lower Upper

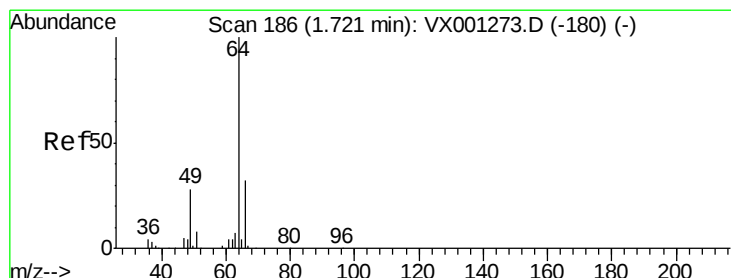
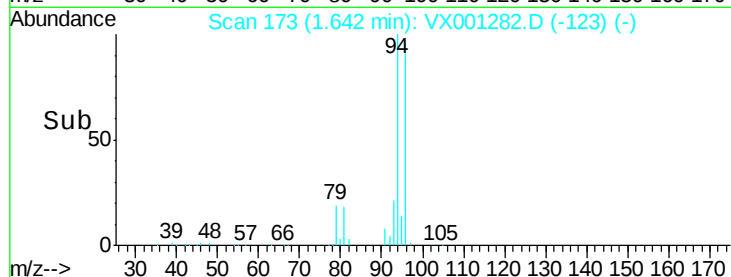
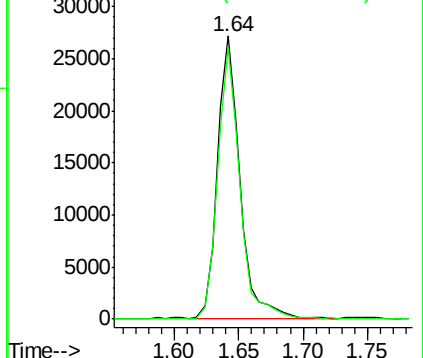
94 100

96 96.2 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001282.D

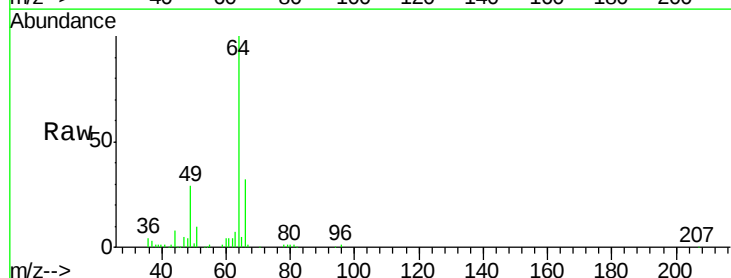
Acq: 01 May 2018 16:51

Tgt Ion: 64 Resp: 26854

Ion Ratio Lower Upper

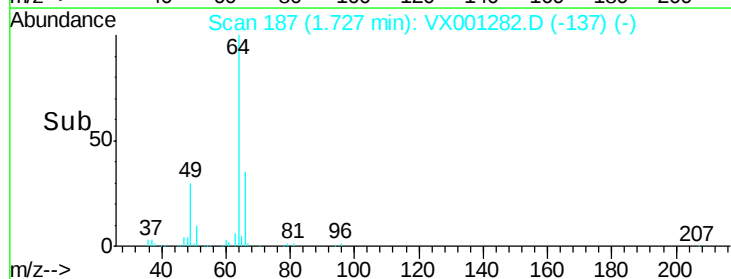
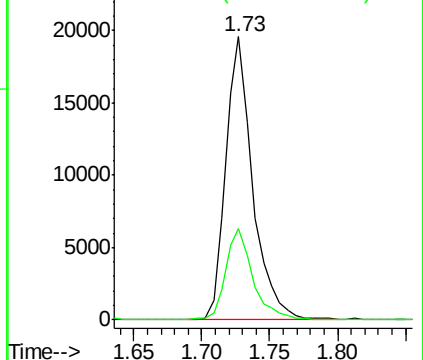
64 100

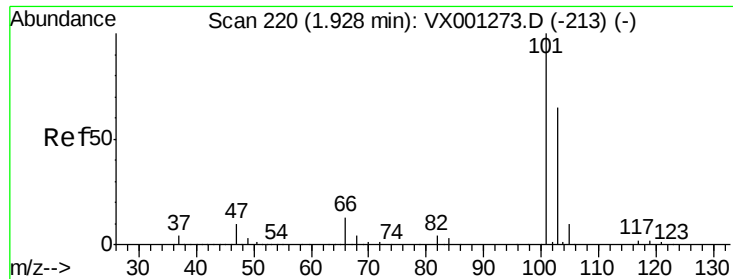
66 32.3 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



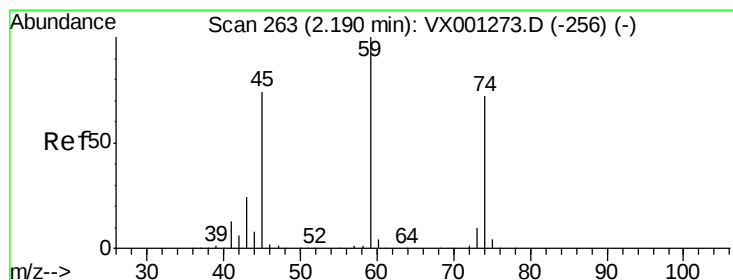
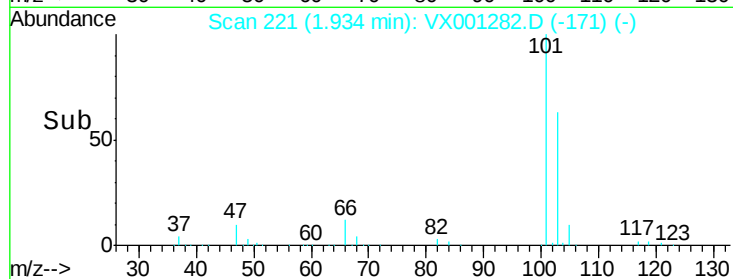
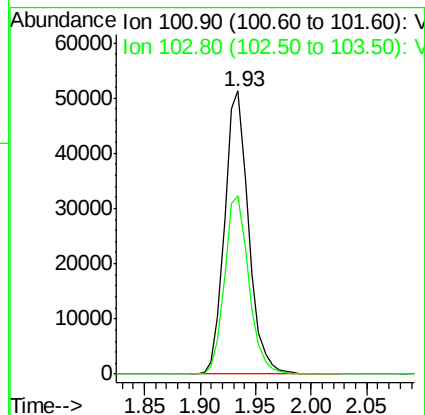
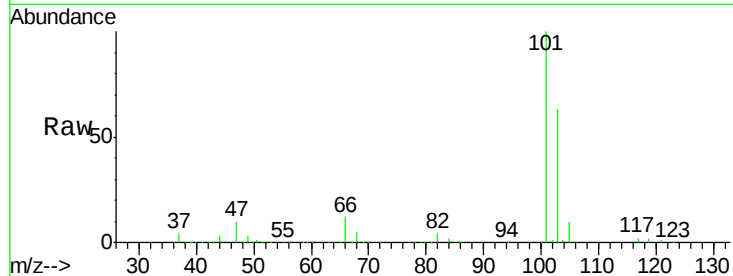


#7

Trichlorofluoromethane  
 Concen: 20.42 ug/l  
 RT: 1.93 min Scan# 221  
 Delta R.T. 0.01 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

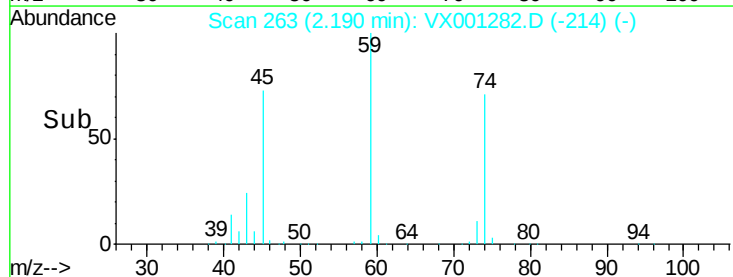
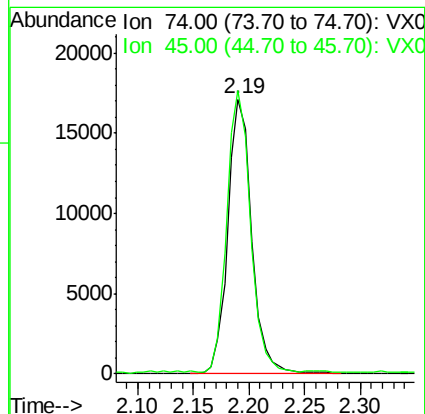
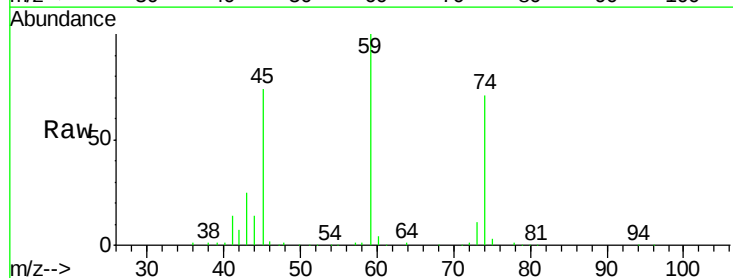
Tgt Ion:101 Resp: 76141  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 51.8 77.8

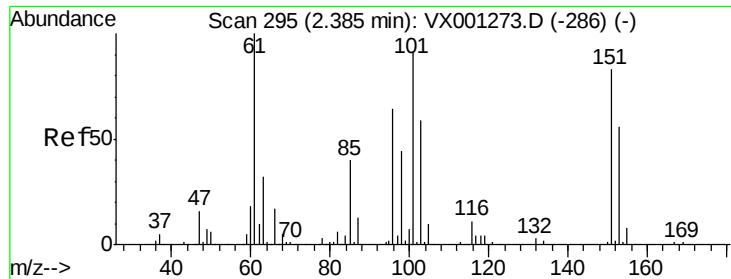


#8

Diethyl Ether  
 Concen: 19.86 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion: 74 Resp: 25427  
 Ion Ratio Lower Upper  
 74 100  
 45 100.9 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBSD01

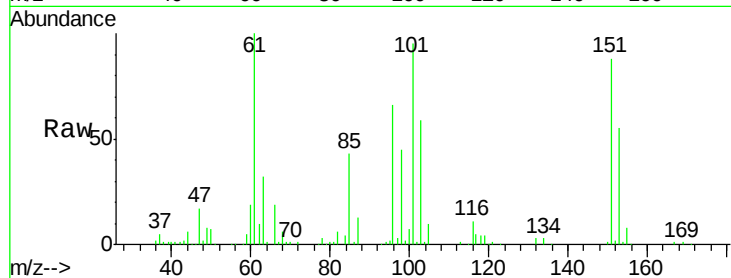
Tgt Ion:101 Resp: 43626

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

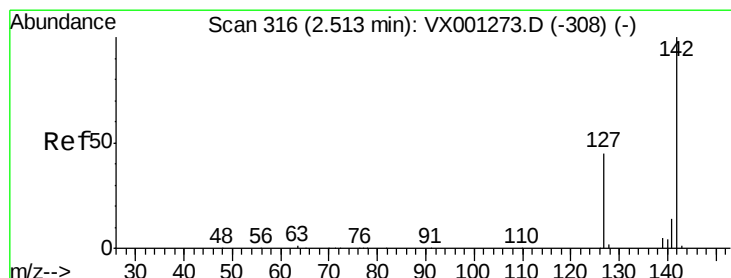
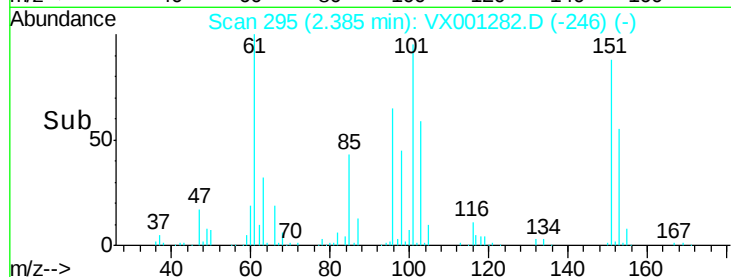
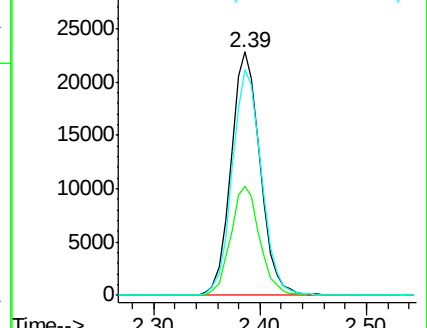
151 93.4 74.8 112.2



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: 16.91 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

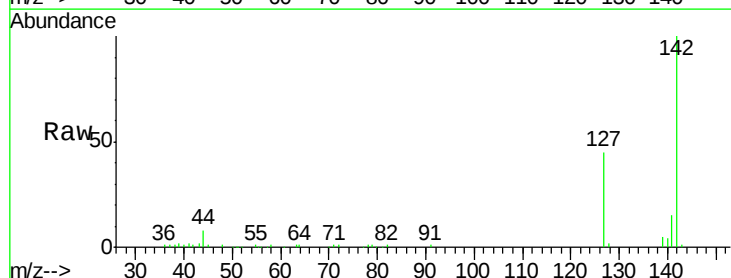
Tgt Ion:142 Resp: 32263

Ion Ratio Lower Upper

142 100

127 44.7 35.7 53.5

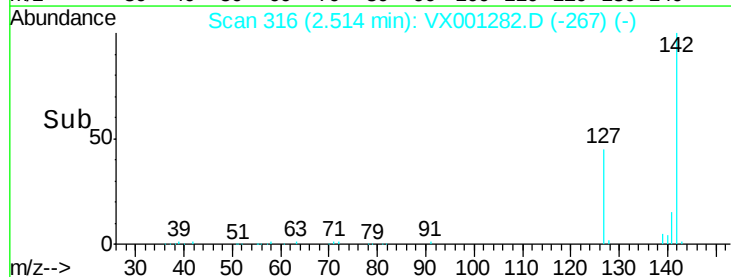
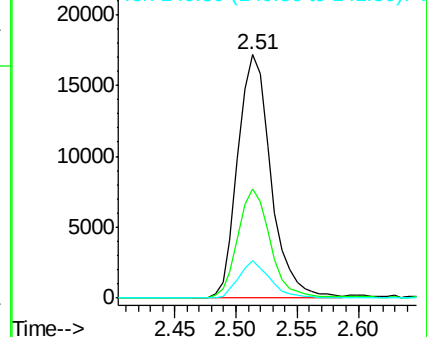
141 14.5 11.4 17.0

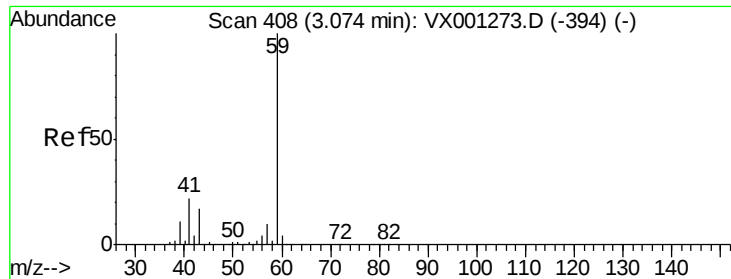


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

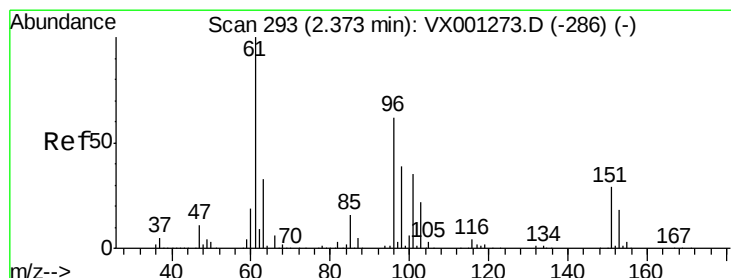
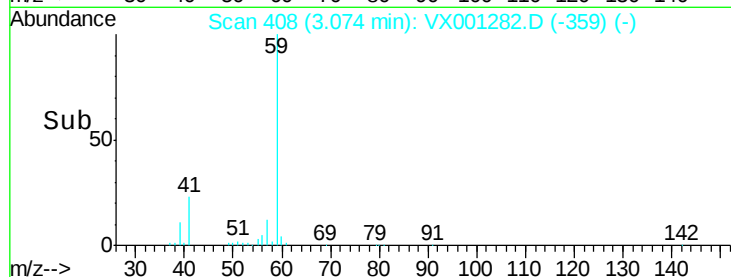
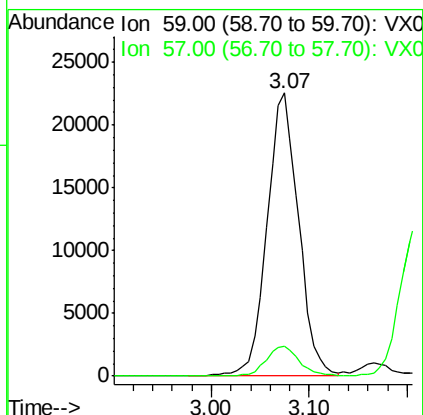
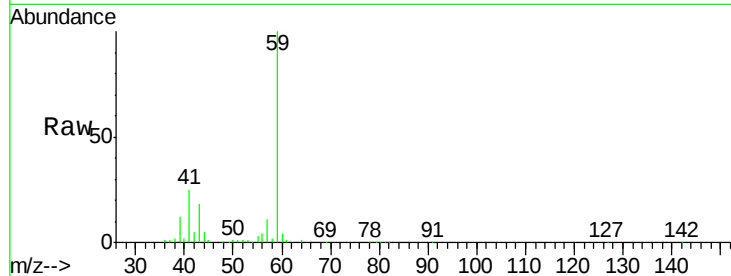




#11  
Tert butyl alcohol  
Concen: 110.44 ug/l  
RT: 3.07 min Scan# 408  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

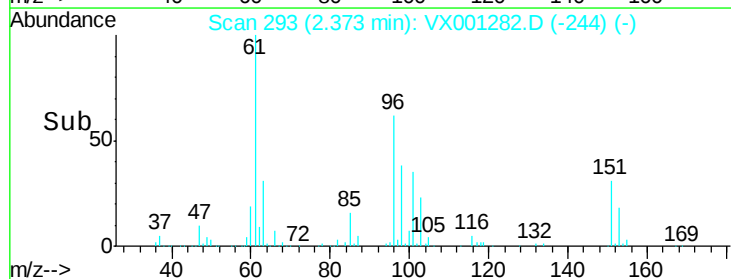
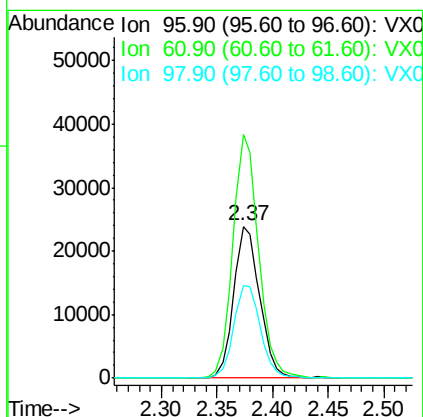
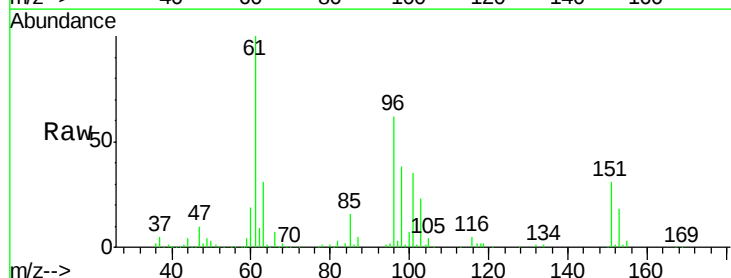
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

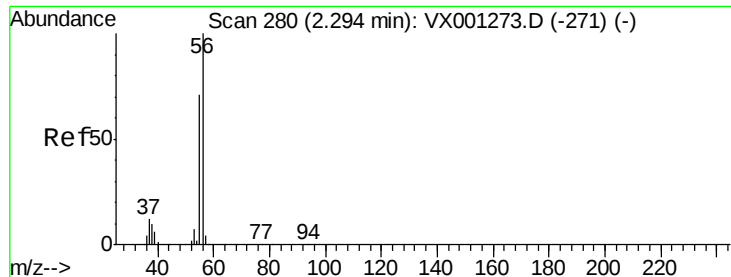
Tgt Ion: 59 Resp: 50832  
Ion Ratio Lower Upper  
59 100  
57 11.2 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 19.93 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion: 96 Resp: 38639  
Ion Ratio Lower Upper  
96 100  
61 160.7 130.1 195.1  
98 61.2 50.3 75.5





#13

Acrolein

Concen: 91.10 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

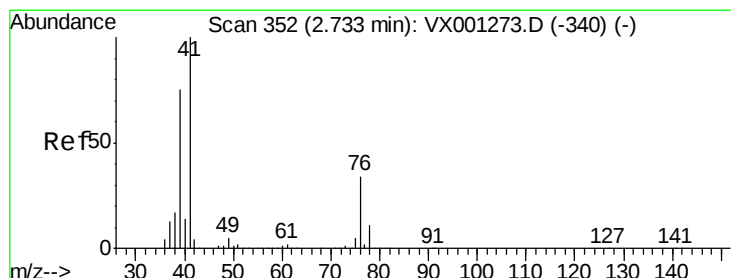
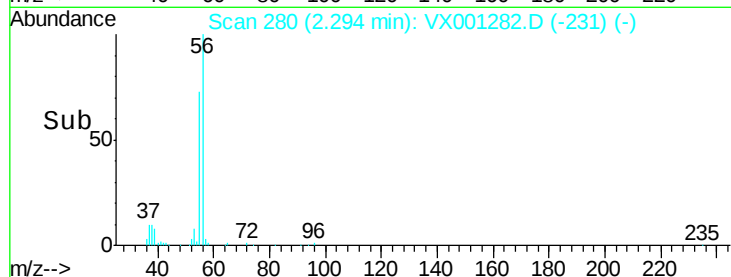
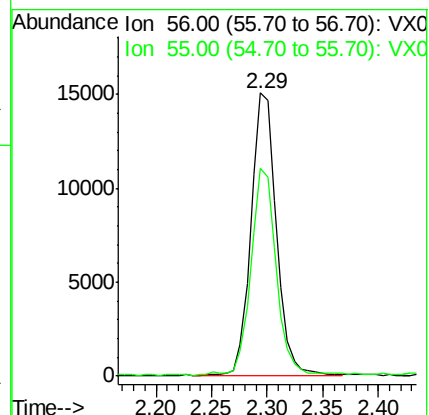
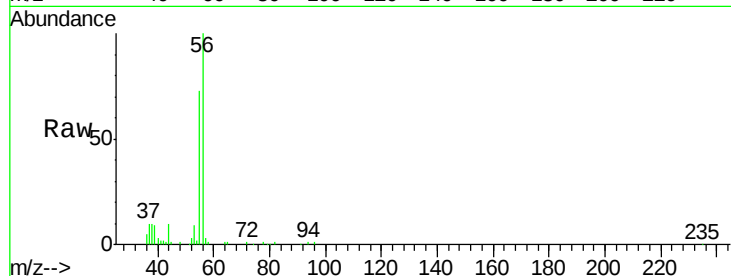
VX0501WBSD01

Tgt Ion: 56 Resp: 24143

Ion Ratio Lower Upper

56 100

55 71.7 57.2 85.8



#14

Allyl chloride

Concen: 19.74 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

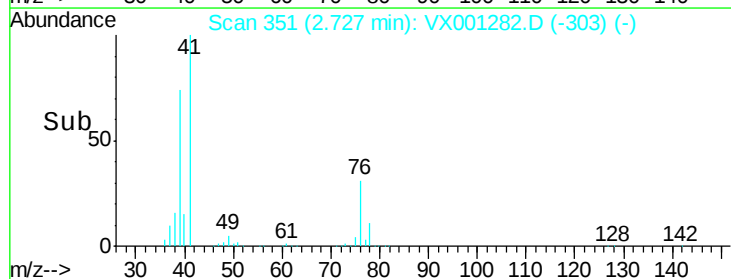
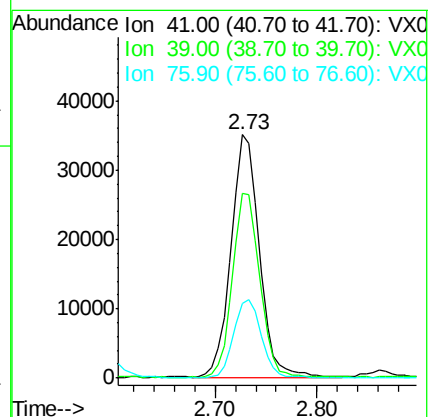
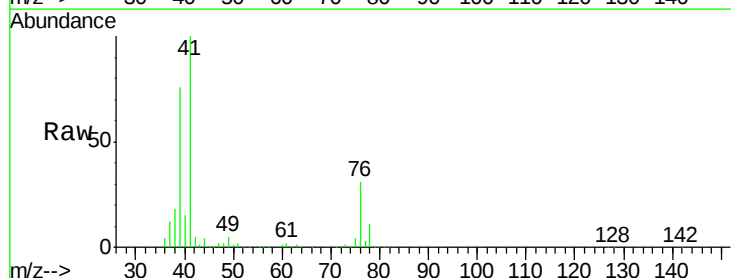
Tgt Ion: 41 Resp: 66953

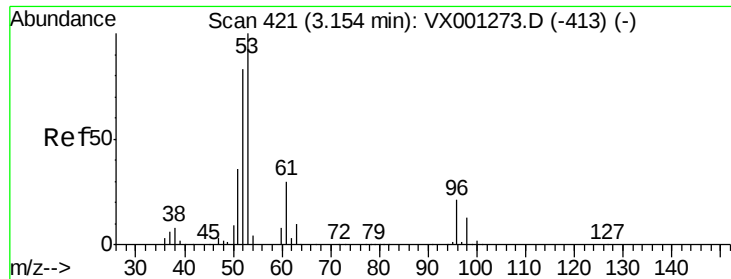
Ion Ratio Lower Upper

41 100

39 73.3 58.1 87.1

76 32.2 25.1 37.7





#15

Acrylonitrile

Concen: 102.16 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampled :

VX0501WBSD01

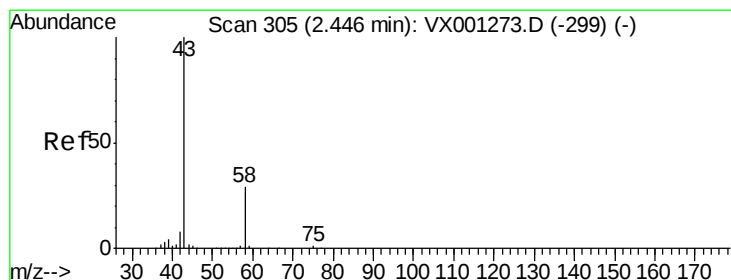
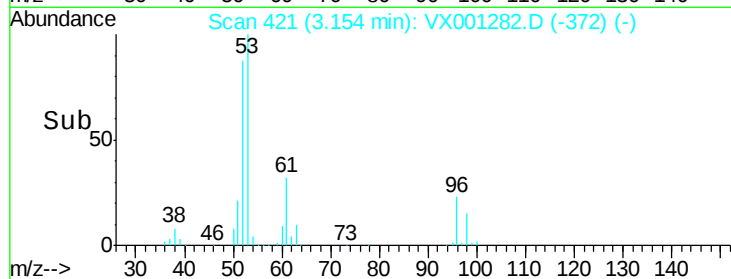
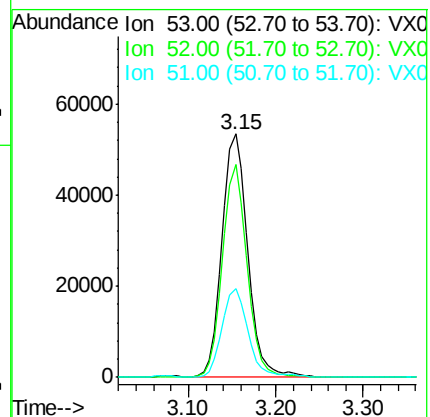
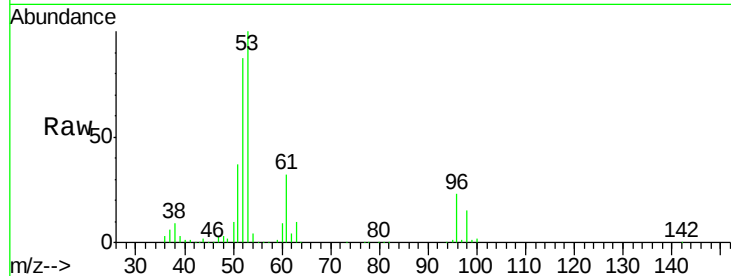
Tgt Ion: 53 Resp: 108989

Ion Ratio Lower Upper

53 100

52 83.5 67.0 100.4

51 37.4 29.9 44.9



#16

Acetone

Concen: 100.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001282.D

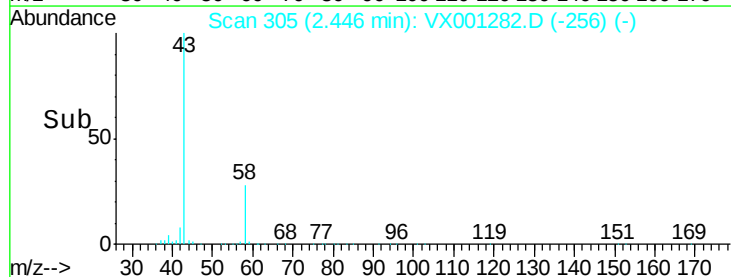
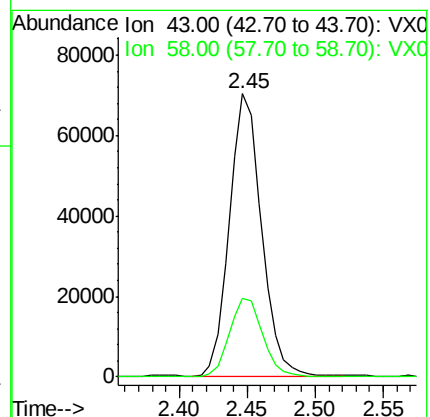
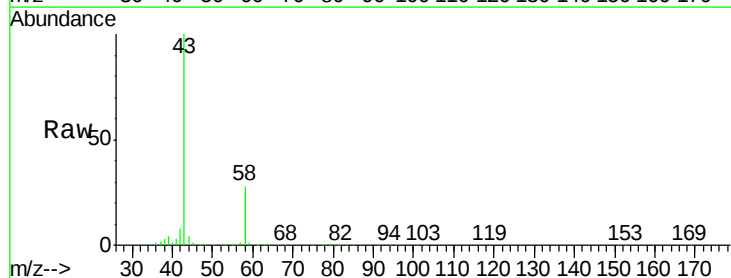
Acq: 01 May 2018 16:51

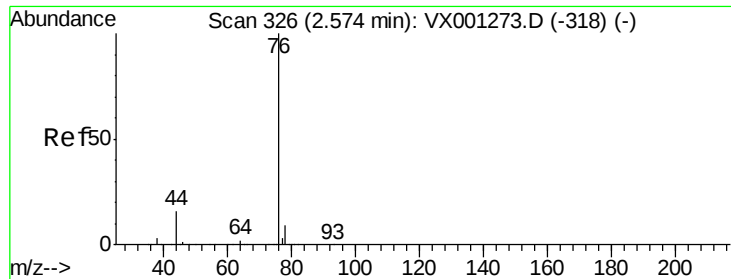
Tgt Ion: 43 Resp: 115190

Ion Ratio Lower Upper

43 100

58 28.0 22.8 34.2

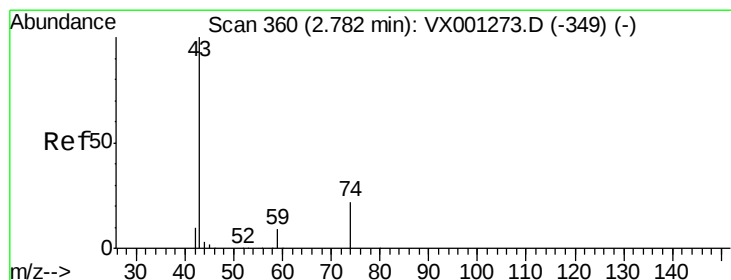
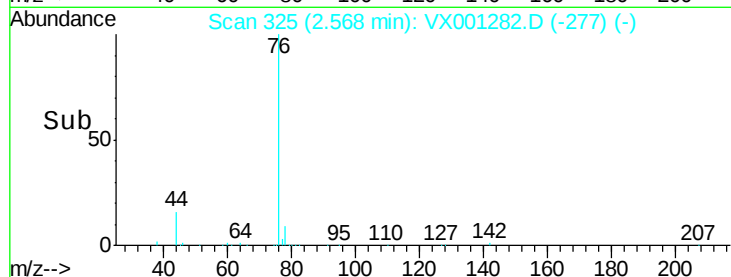
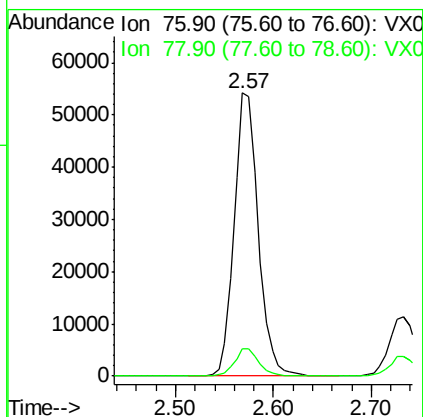
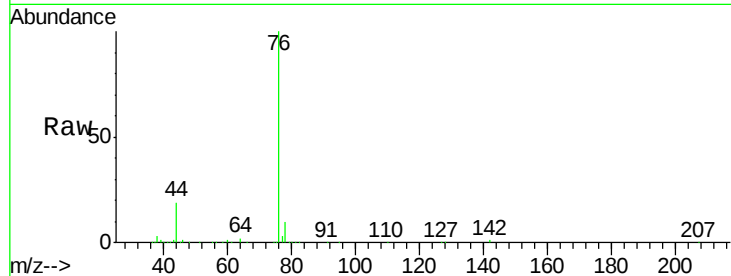




#17  
Carbon Disulfide  
Concen: 18.34 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. -0.01 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

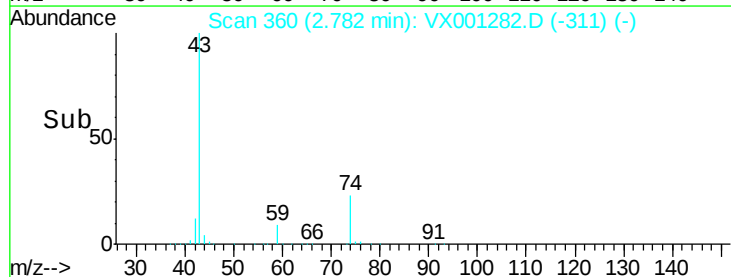
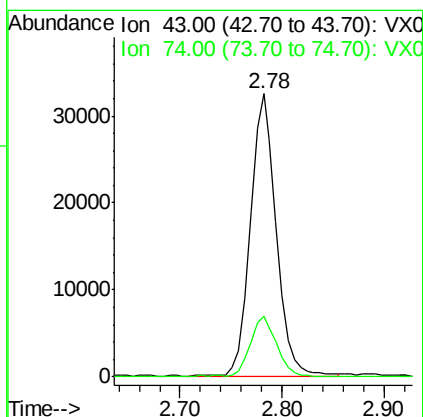
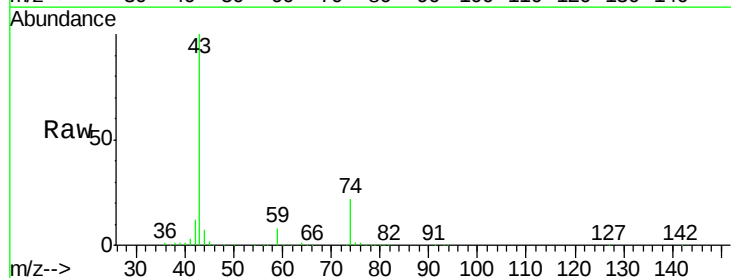
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

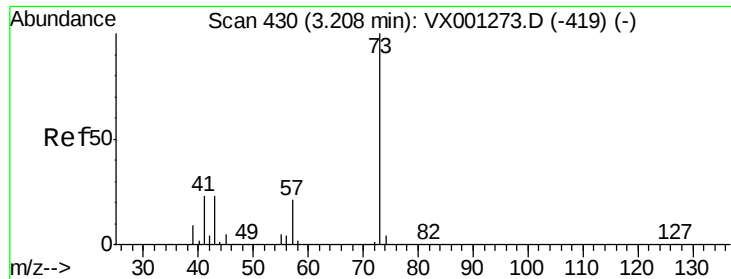
Tgt Ion: 76 Resp: 92652  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.4



#18  
Methyl Acetate  
Concen: 21.26 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion: 43 Resp: 57348  
Ion Ratio Lower Upper  
43 100  
74 22.6 17.8 26.6

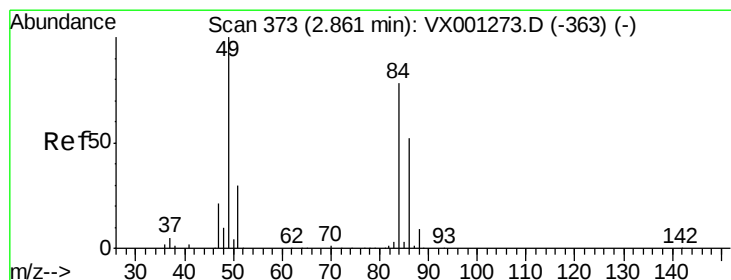
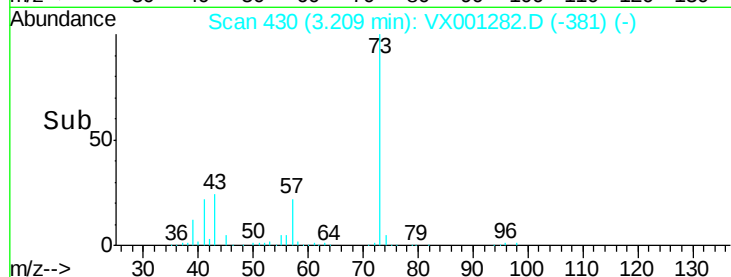
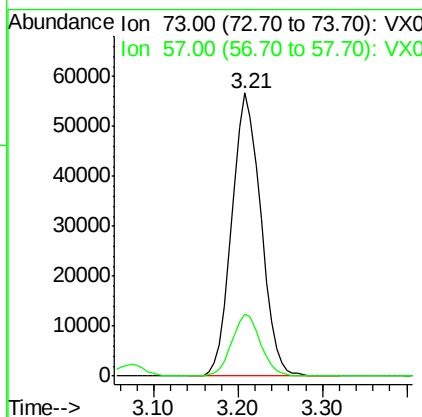
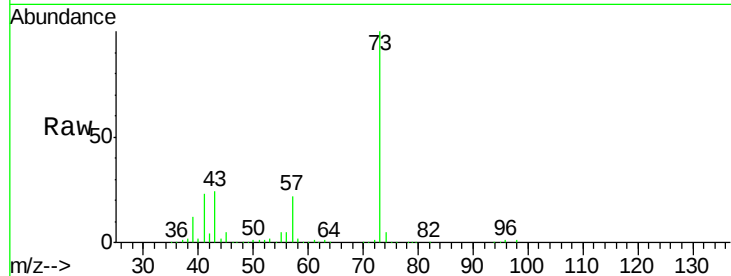




#19  
Methyl tert-butyl Ether  
Concen: 20.05 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

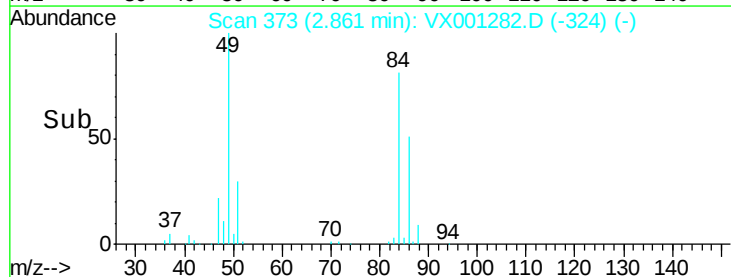
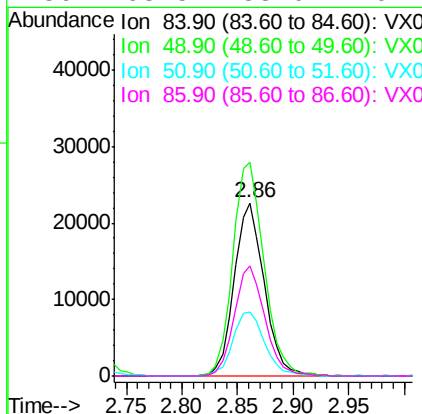
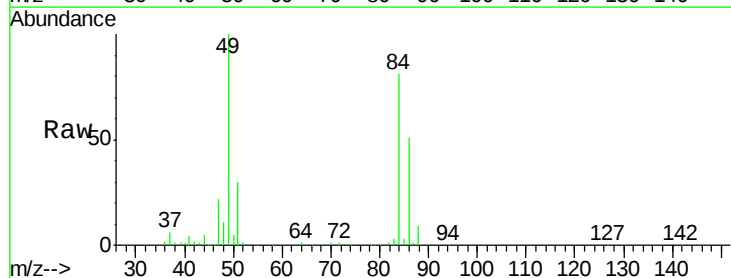
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

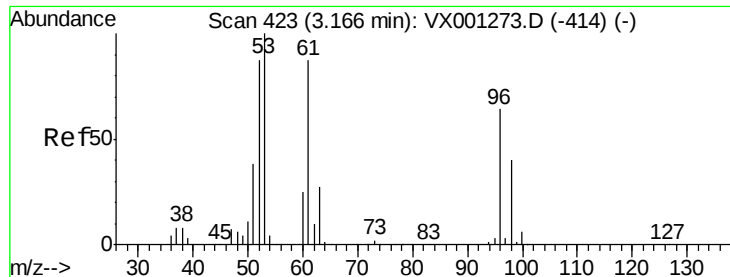
Tgt Ion: 73 Resp: 132387  
Ion Ratio Lower Upper  
73 100  
57 21.9 16.8 25.2



#20  
Methylene Chloride  
Concen: 19.56 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion: 84 Resp: 42308  
Ion Ratio Lower Upper  
84 100  
49 123.4 102.8 154.2  
51 37.1 30.9 46.3  
86 63.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 19.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBSD01

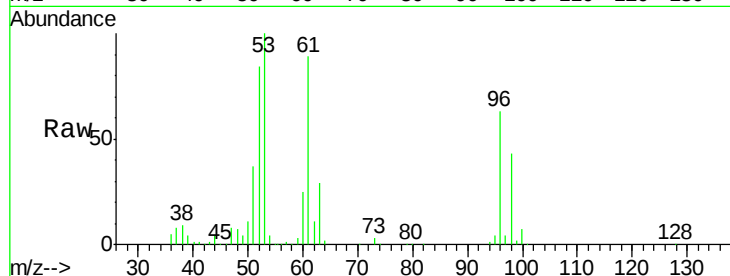
Tgt Ion: 96 Resp: 40862

Ion Ratio Lower Upper

96 100

61 140.7 108.6 162.8

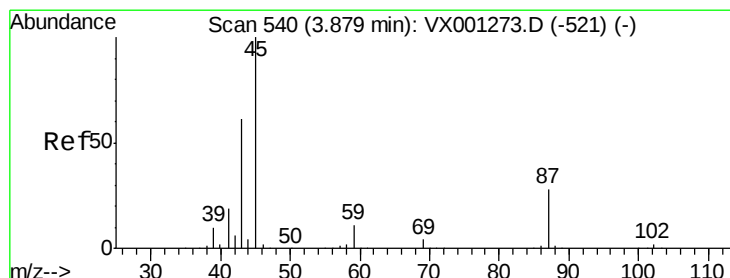
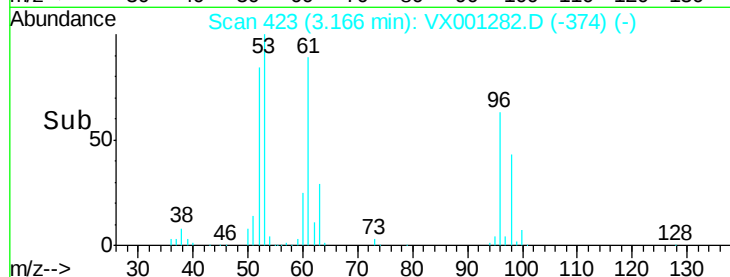
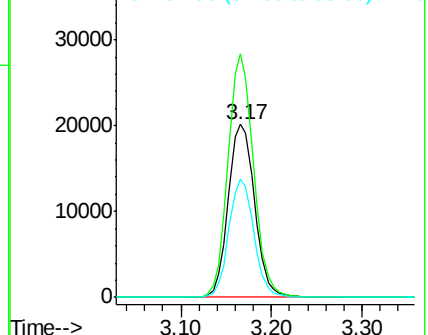
98 68.3 49.7 74.5



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



#22

Diisopropyl ether

Concen: 18.74 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion: 45 Resp: 122408

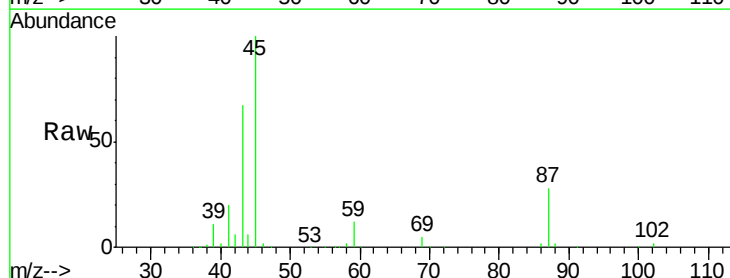
Ion Ratio Lower Upper

45 100

43 66.5 48.7 73.1

87 28.0 22.2 33.4

59 12.4 9.1 13.7

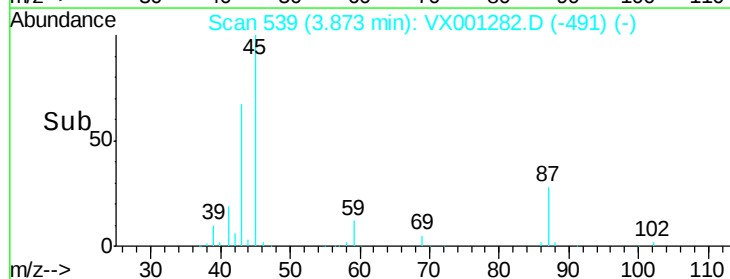
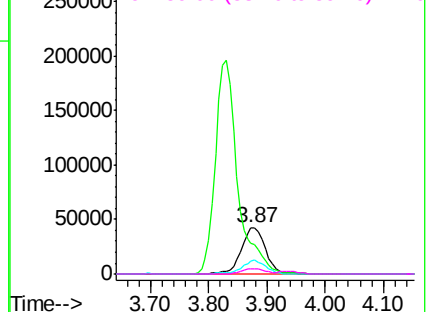


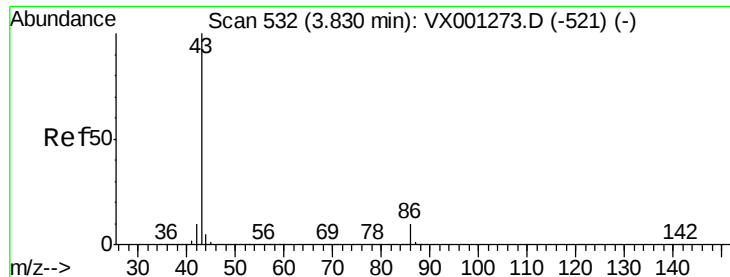
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.54 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

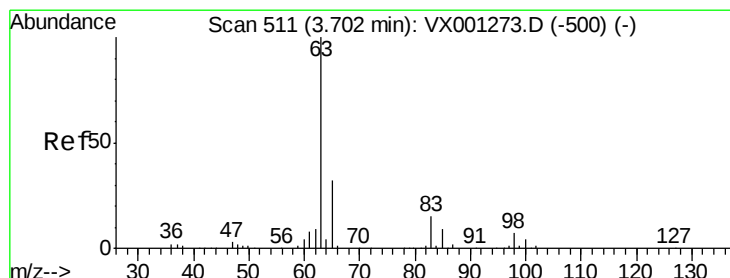
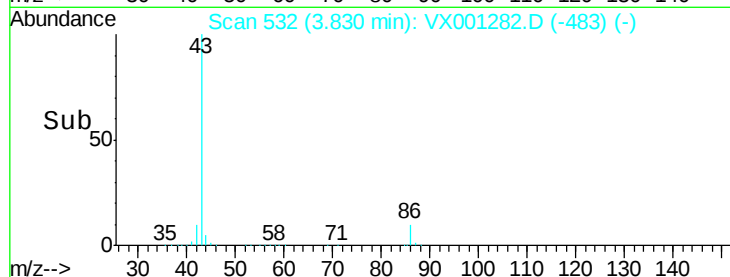
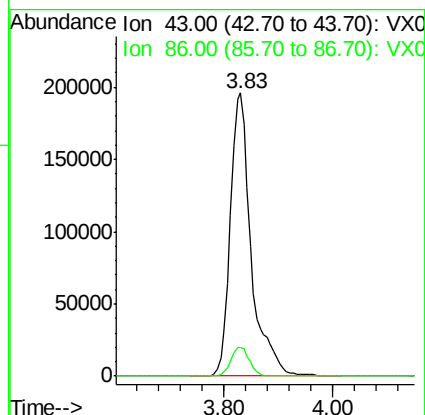
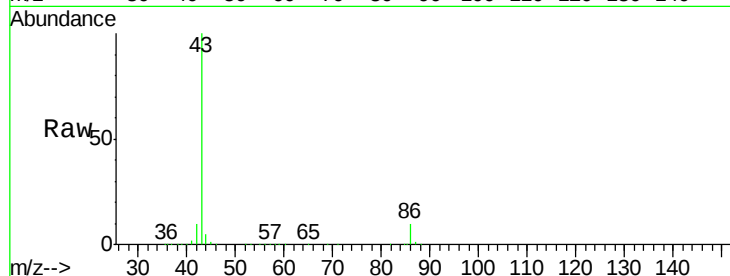
VX0501WBSD01

Tgt Ion: 43 Resp: 523327

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4



#24

1,1-Dichloroethane

Concen: 20.30 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

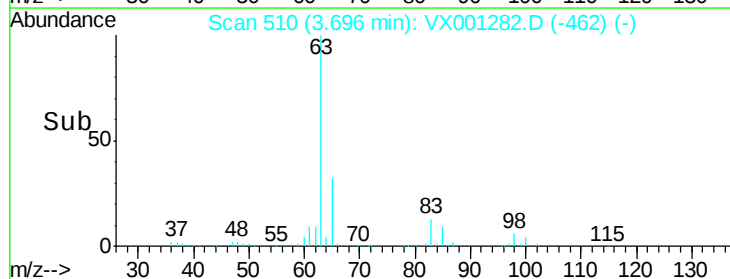
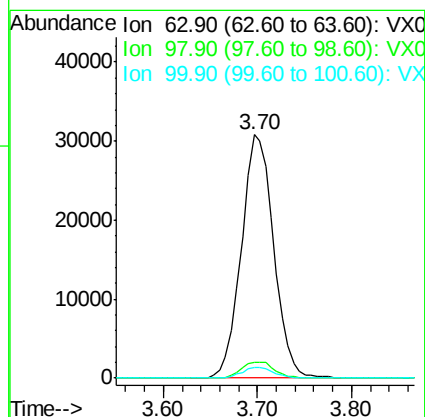
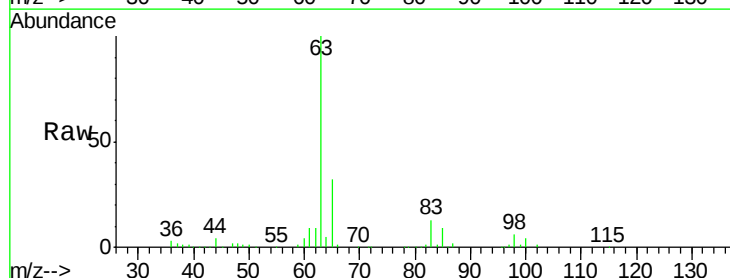
Tgt Ion: 63 Resp: 73880

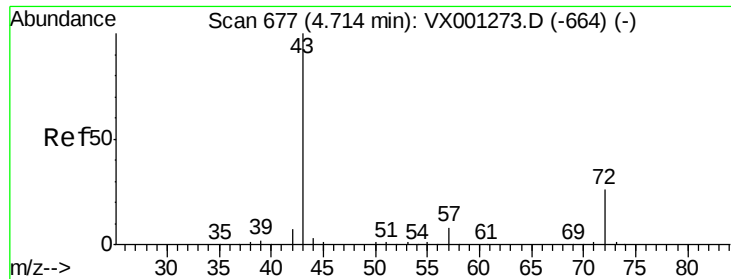
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 99.03 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

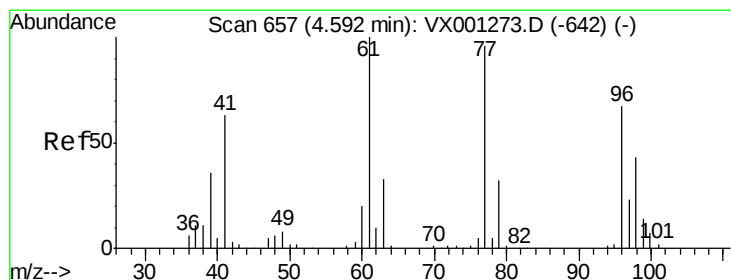
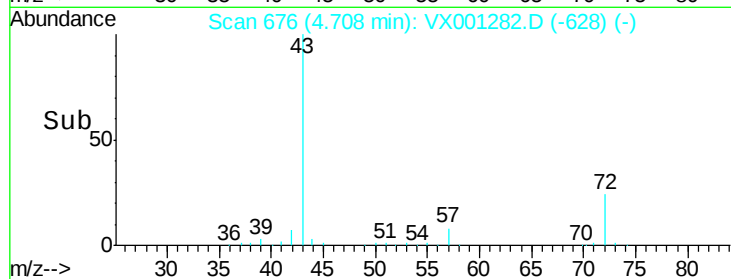
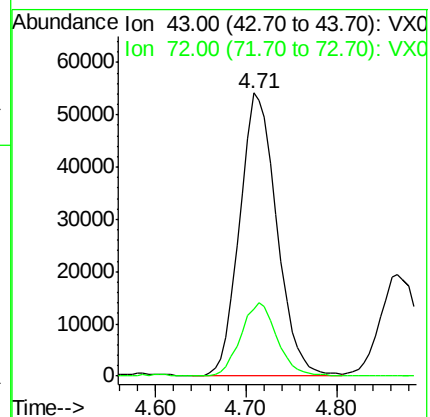
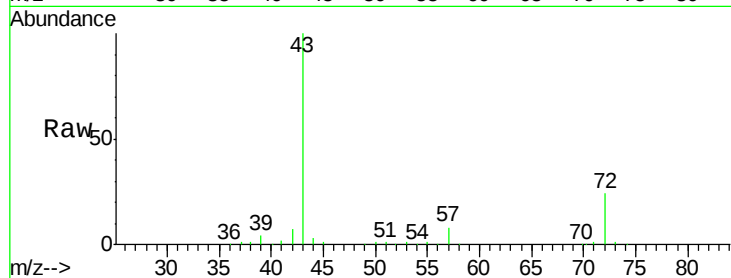
VX0501WBSD01

Tgt Ion: 43 Resp: 152910

Ion Ratio Lower Upper

43 100

72 23.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.53 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001282.D

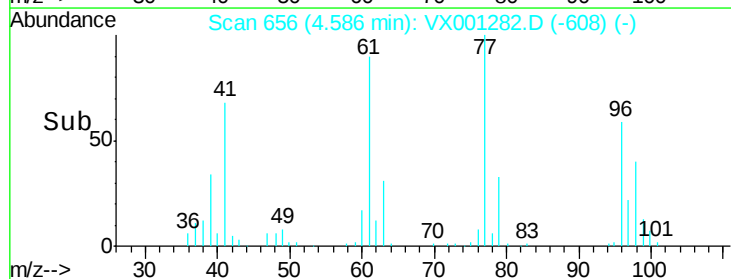
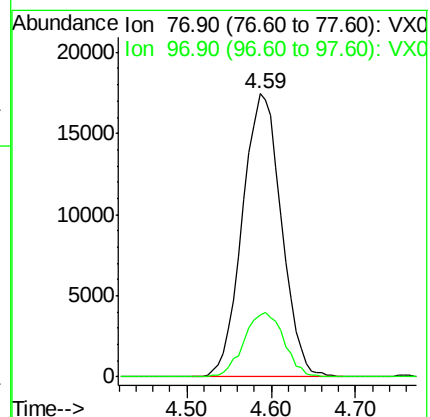
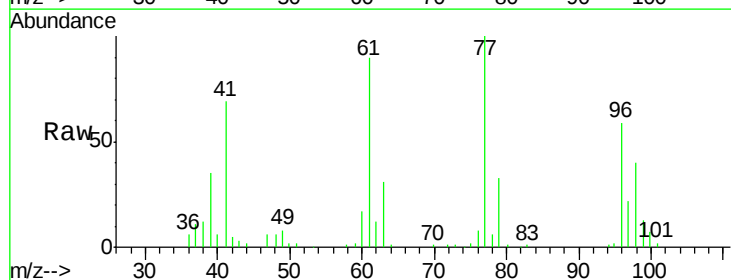
Acq: 01 May 2018 16:51

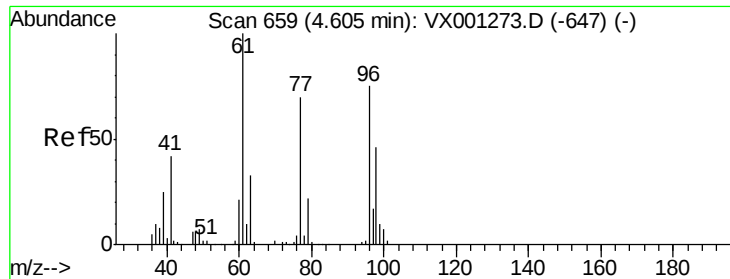
Tgt Ion: 77 Resp: 54873

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3



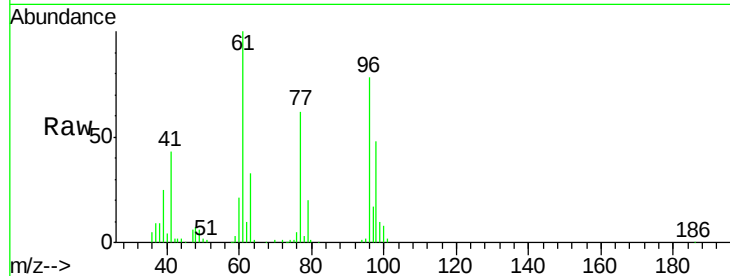


#27

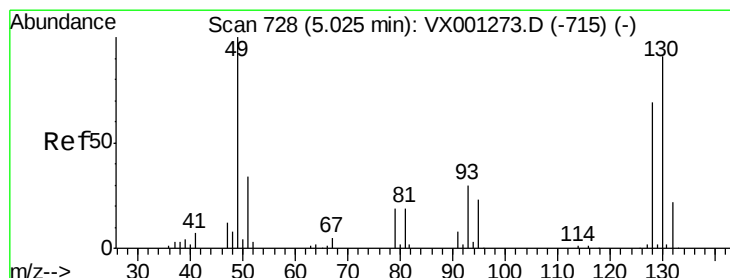
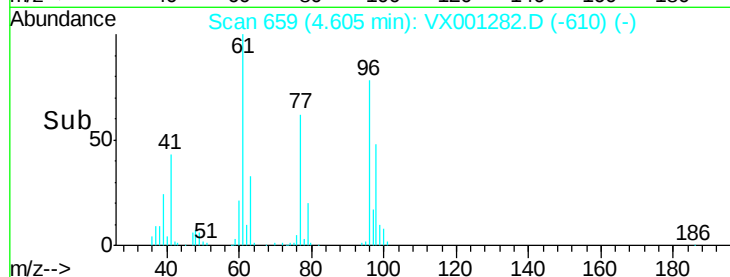
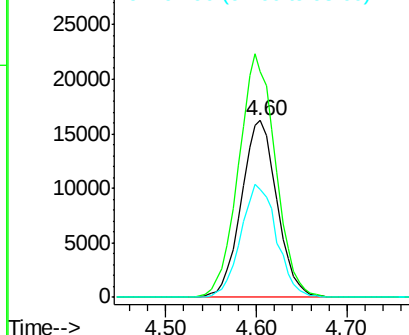
cis-1,2-Dichloroethene  
 Concen: 19.11 ug/l  
 RT: 4.60 min Scan# 659  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

Tgt Ion: 96 Resp: 44322  
 Ion Ratio Lower Upper  
 96 100  
 61 142.6 0.0 288.0  
 98 64.3 0.0 130.2



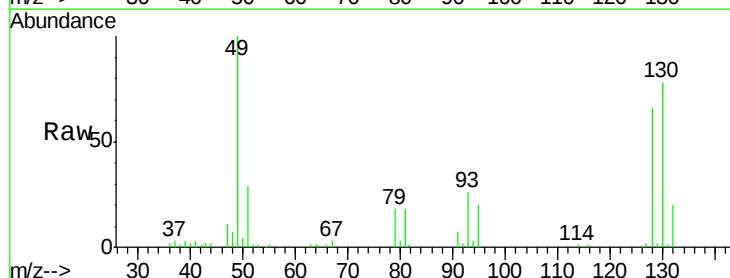
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



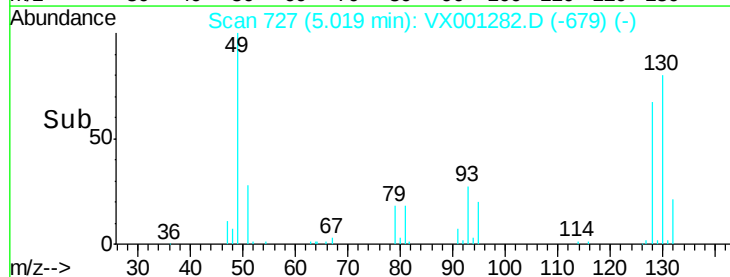
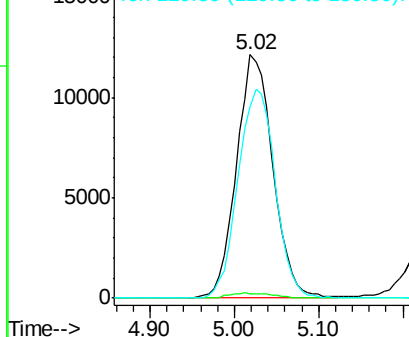
#28

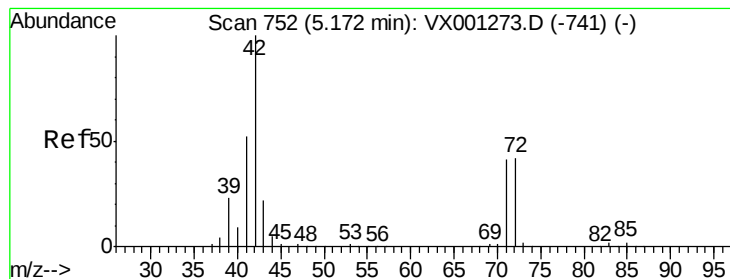
Bromochloromethane  
 Concen: 21.71 ug/l  
 RT: 5.02 min Scan# 727  
 Delta R.T. -0.01 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion: 49 Resp: 35519  
 Ion Ratio Lower Upper  
 49 100  
 129 2.4 0.0 4.8  
 130 87.7 70.4 105.6



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: 100.51 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBSD01

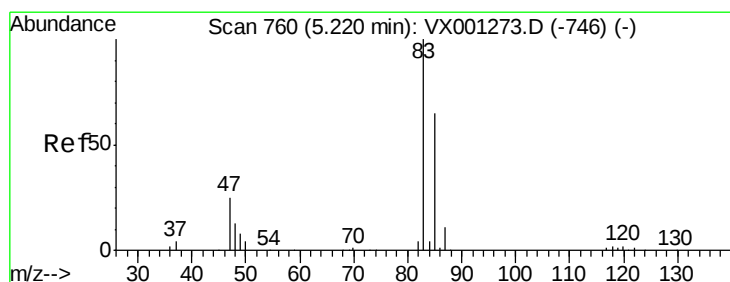
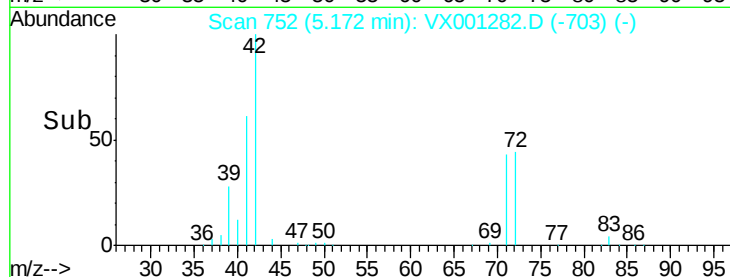
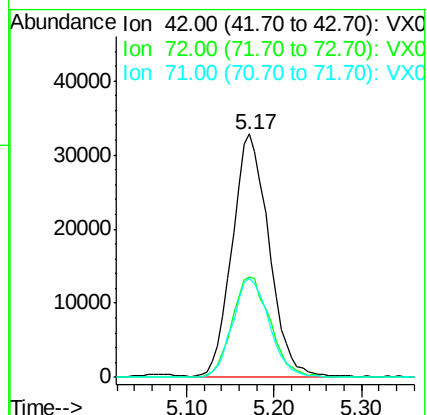
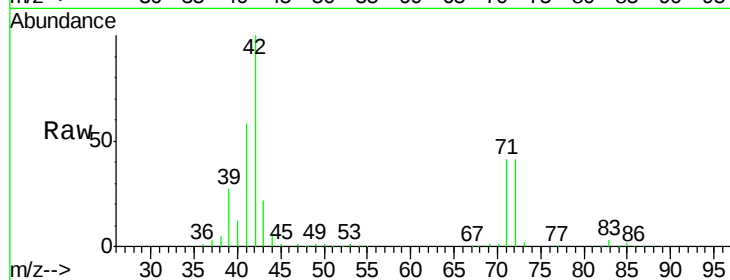
Tgt Ion: 42 Resp: 95447

Ion Ratio Lower Upper

42 100

72 43.2 34.6 52.0

71 41.0 32.7 49.1



#30

Chloroform

Concen: 19.02 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001282.D

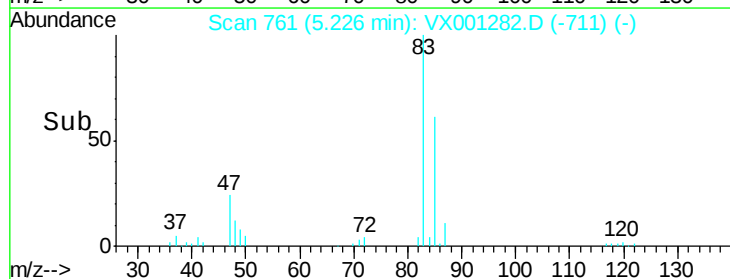
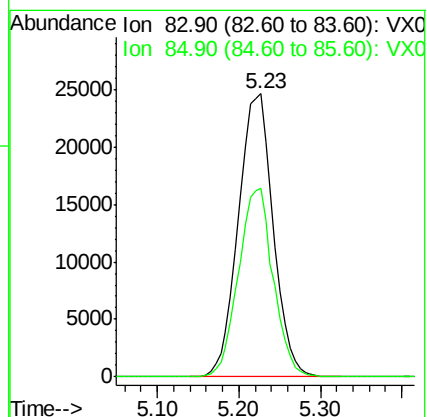
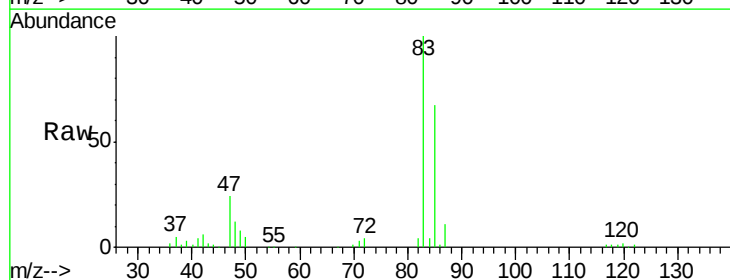
Acq: 01 May 2018 16:51

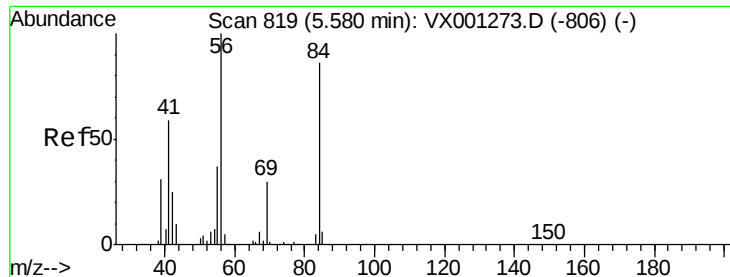
Tgt Ion: 83 Resp: 73157

Ion Ratio Lower Upper

83 100

85 66.7 52.2 78.2

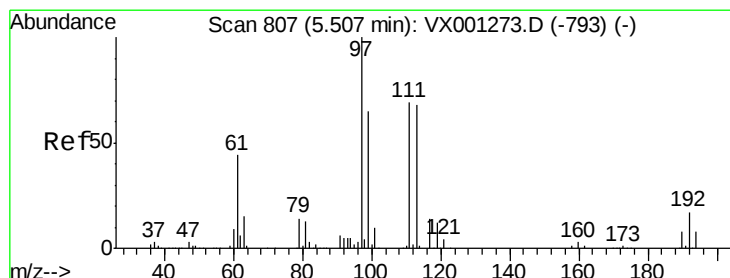
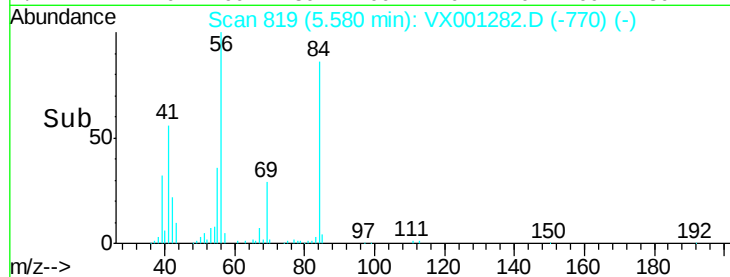
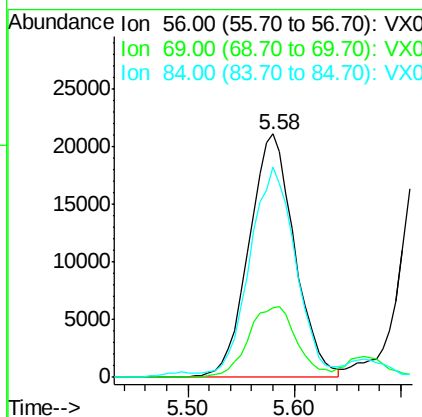
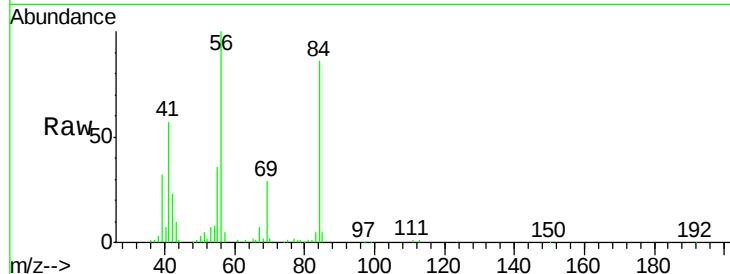




#31  
Cyclohexane  
Concen: 19.21 ug/l  
RT: 5.58 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

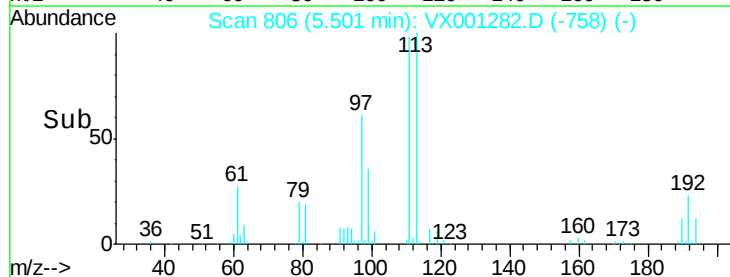
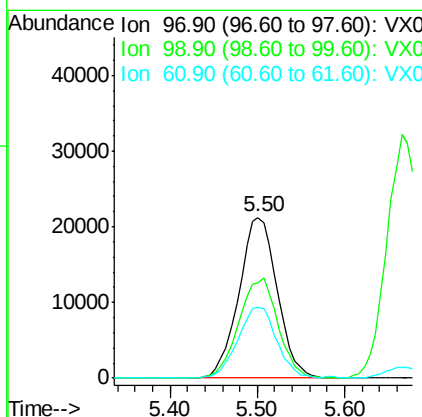
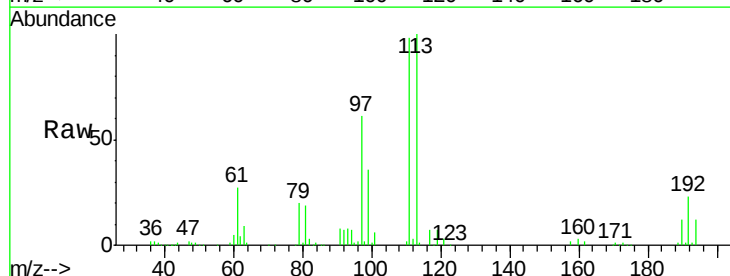
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

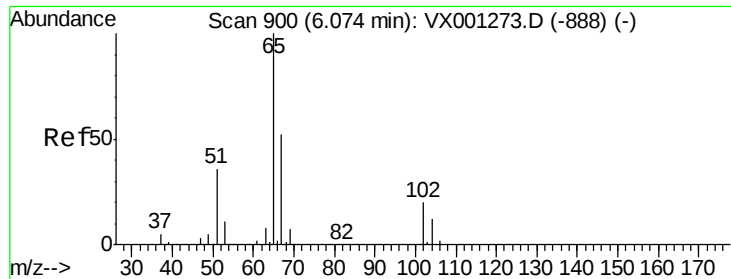
Tgt Ion: 56 Resp: 63127  
Ion Ratio Lower Upper  
56 100  
69 28.7 24.0 36.0  
84 84.6 69.0 103.4



#32  
1,1,1-Trichloroethane  
Concen: 19.17 ug/l  
RT: 5.50 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion: 97 Resp: 64444  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.8 77.6  
61 44.8 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 45.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

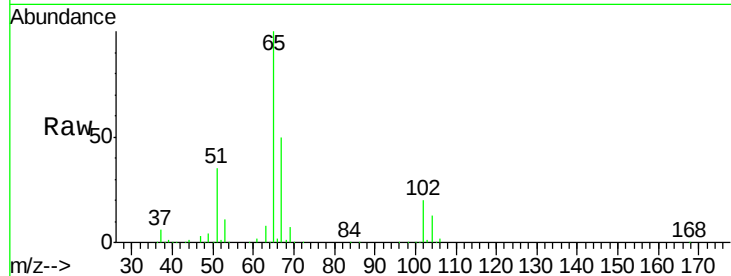
VX0501WBSD01

Tgt Ion: 65 Resp: 121677

Ion Ratio Lower Upper

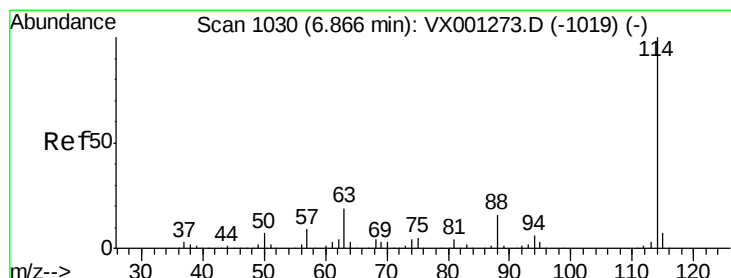
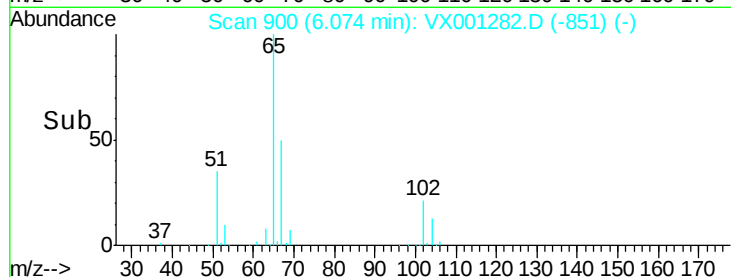
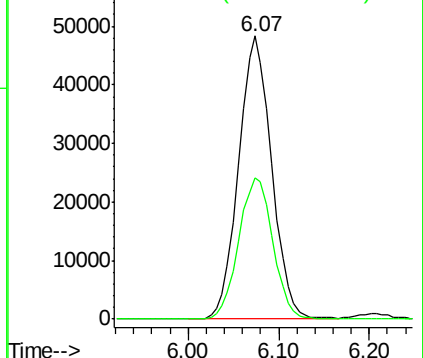
65 100

67 51.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

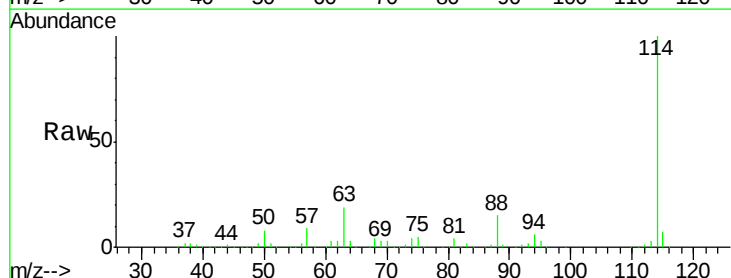
Tgt Ion: 114 Resp: 245975

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

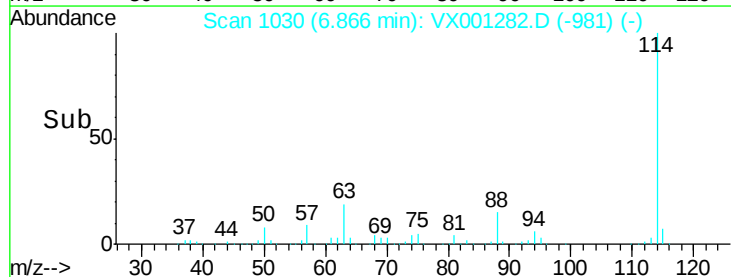
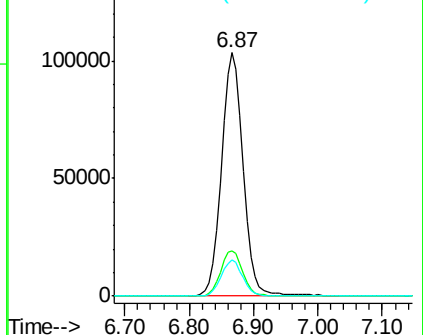
88 14.8 0.0 32.2

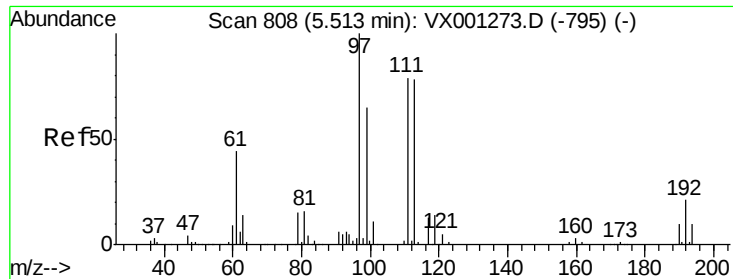


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

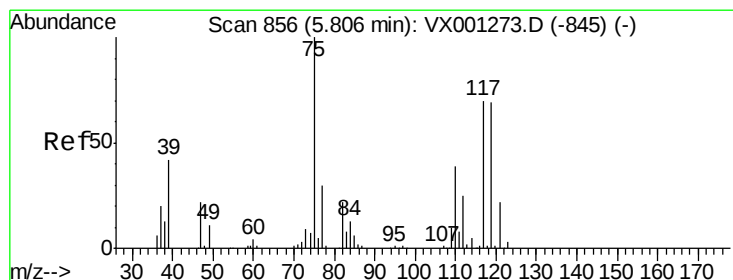
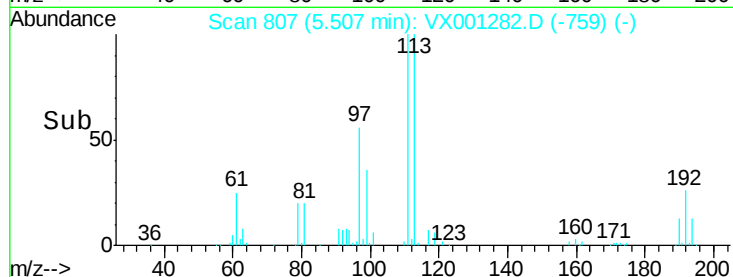
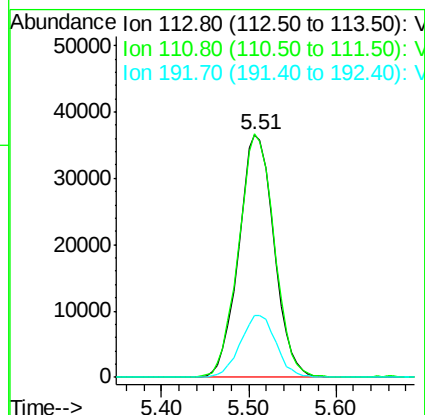
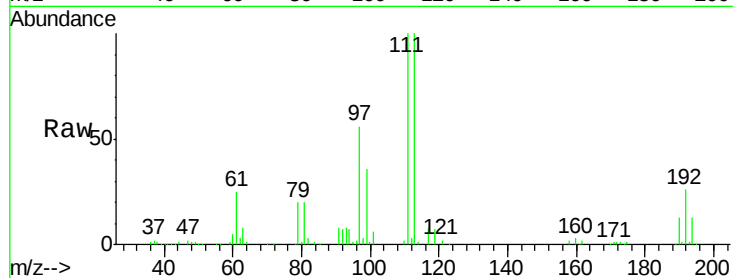




#35  
 Dibromofluoromethane  
 Concen: 48.58 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. -0.01 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

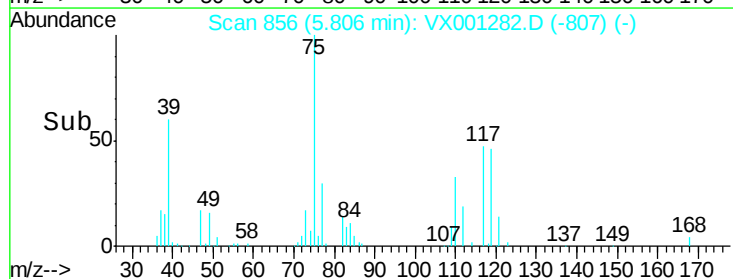
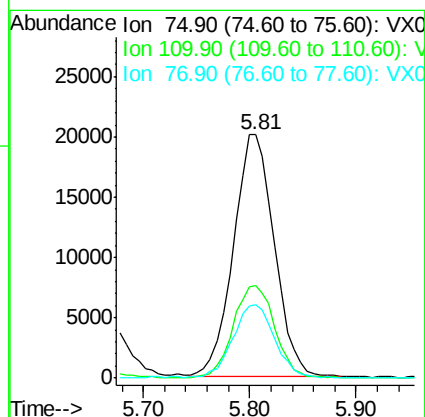
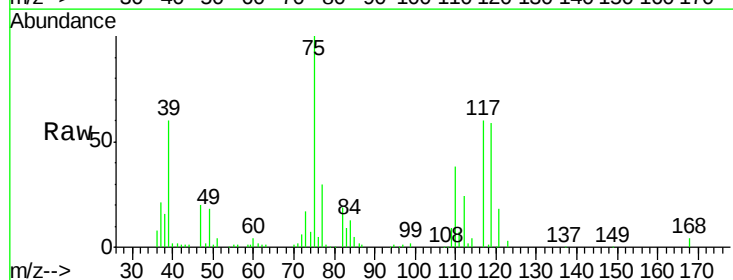
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

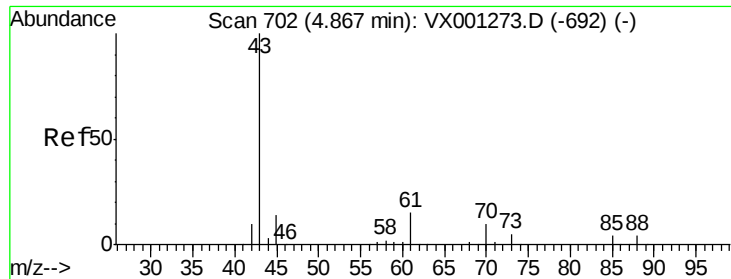
Tgt Ion: 113 Resp: 102939  
 Ion Ratio Lower Upper  
 113 100  
 111 101.1 81.2 121.8  
 192 25.8 20.7 31.1



#36  
 1,1-Dichloropropene  
 Concen: 19.12 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion: 75 Resp: 54280  
 Ion Ratio Lower Upper  
 75 100  
 110 38.9 18.9 56.9  
 77 31.1 24.2 36.2

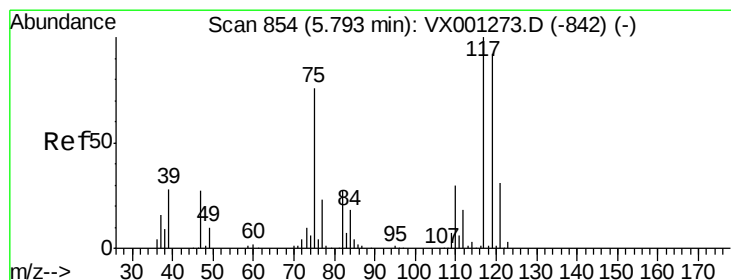
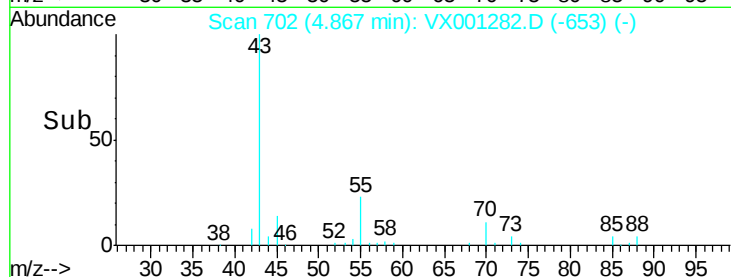
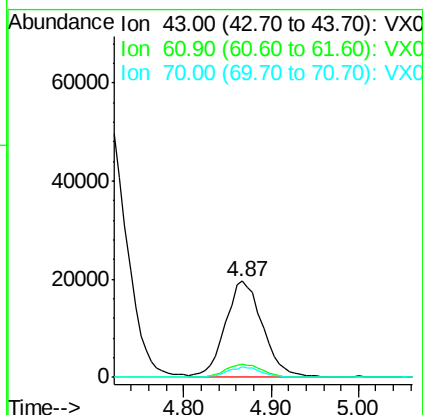
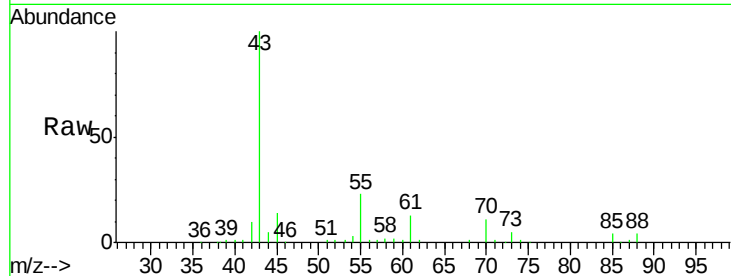




#37  
Ethyl Acetate  
Concen: 19.89 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

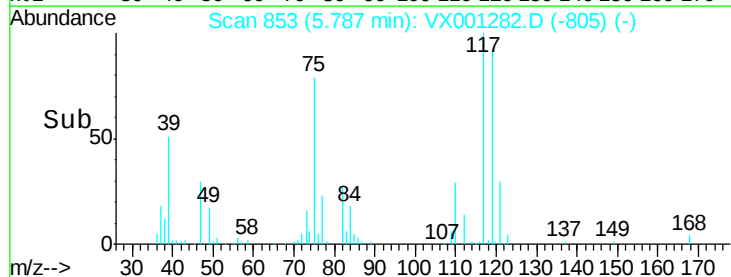
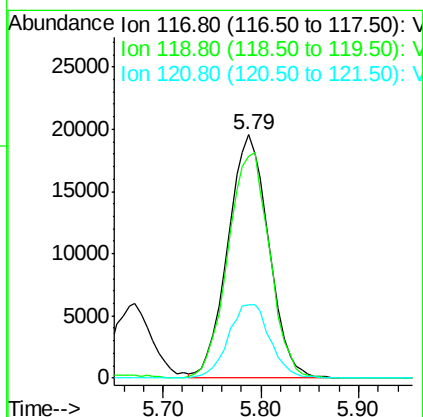
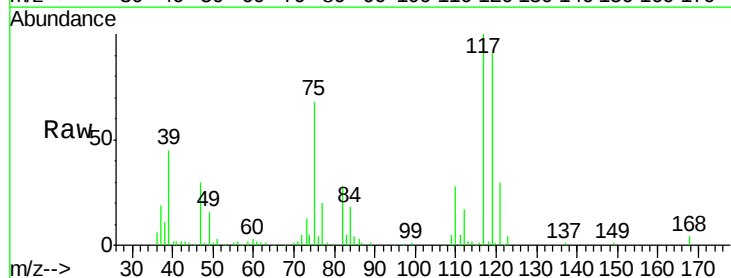
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

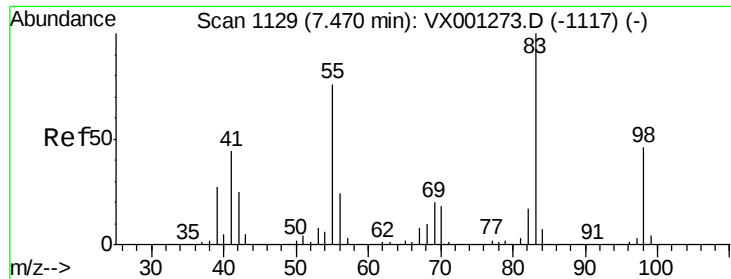
Tgt Ion: 43 Resp: 57002  
Ion Ratio Lower Upper  
43 100  
61 14.3 10.7 16.1  
70 10.2 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 19.08 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion: 117 Resp: 56744  
Ion Ratio Lower Upper  
117 100  
119 91.1 73.4 110.2  
121 30.2 25.0 37.4

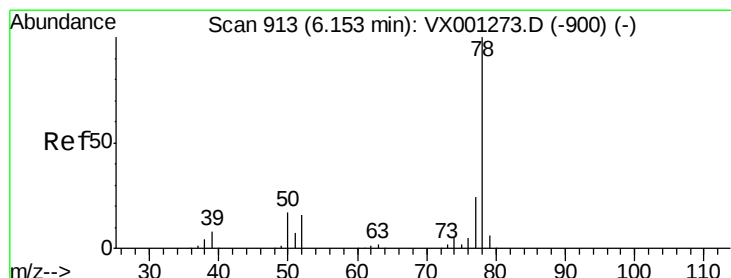
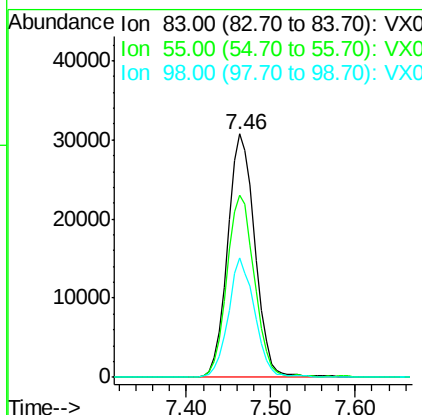
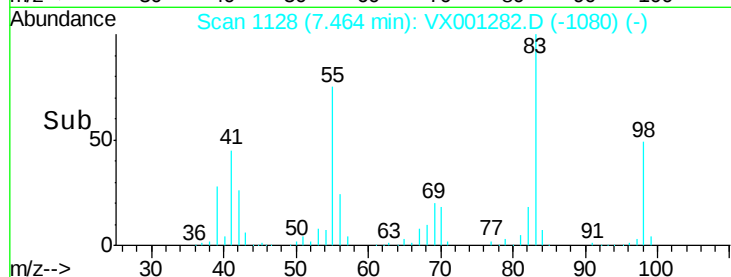
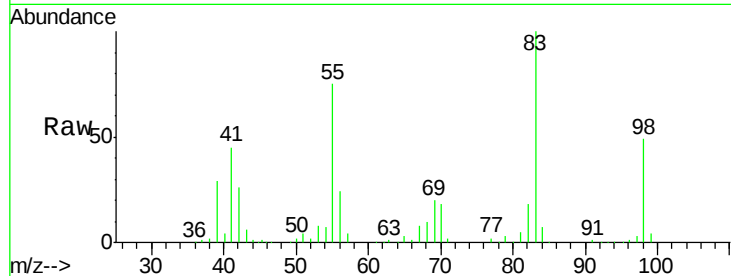




#39  
Methylcyclohexane  
Concen: 20.14 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.01 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

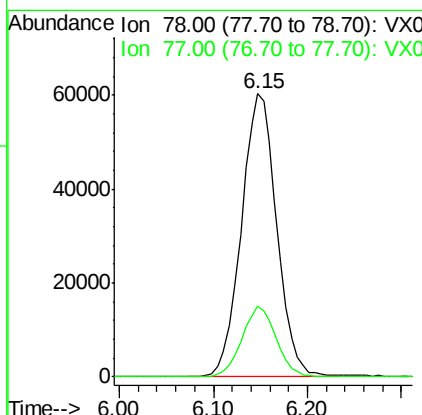
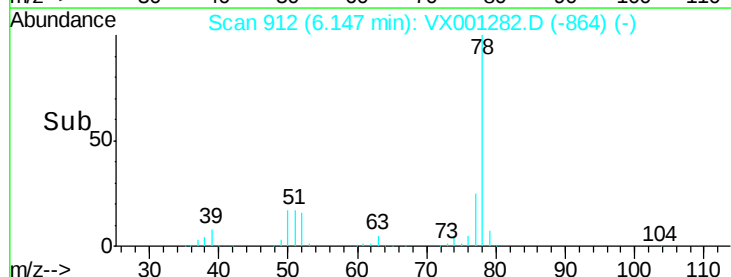
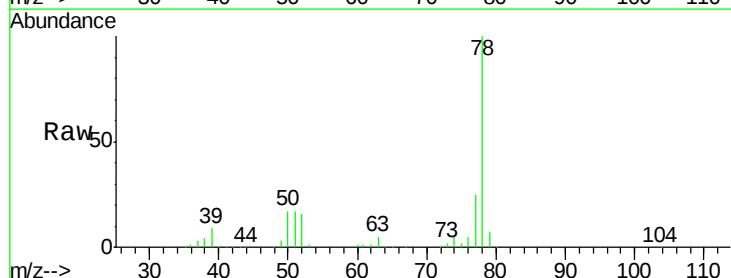
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

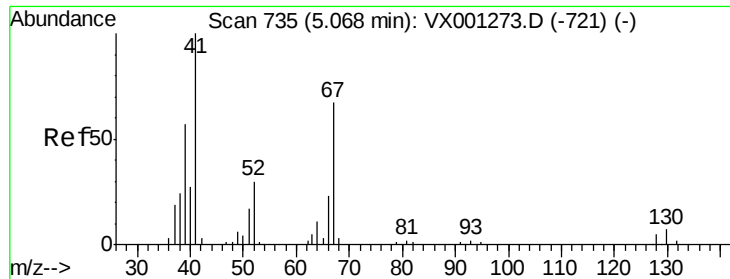
Tgt Ion: 83 Resp: 67634  
Ion Ratio Lower Upper  
83 100  
55 74.6 60.4 90.6  
98 49.1 37.0 55.6



#40  
Benzene  
Concen: 19.36 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion: 78 Resp: 158124  
Ion Ratio Lower Upper  
78 100  
77 25.2 19.0 28.4

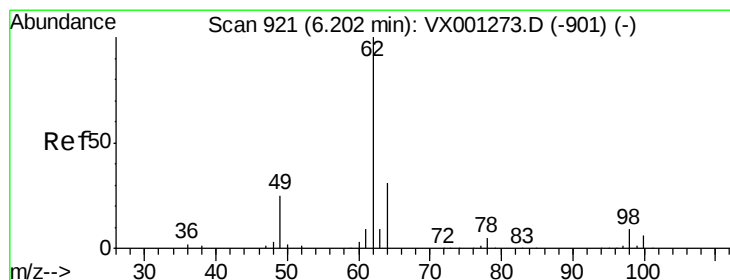
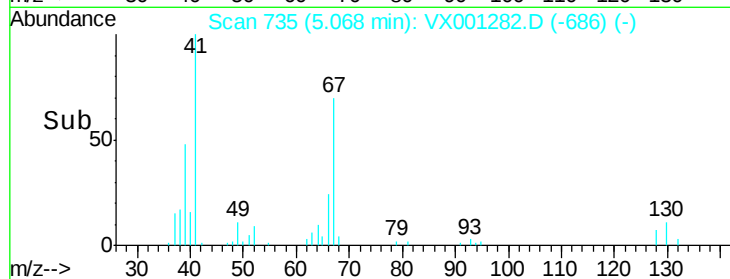
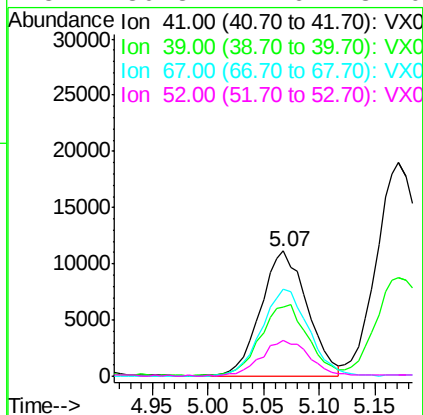
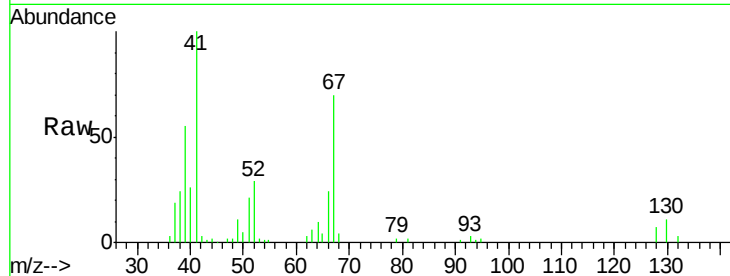




#41  
Methacrylonitrile  
Concen: 19.52 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

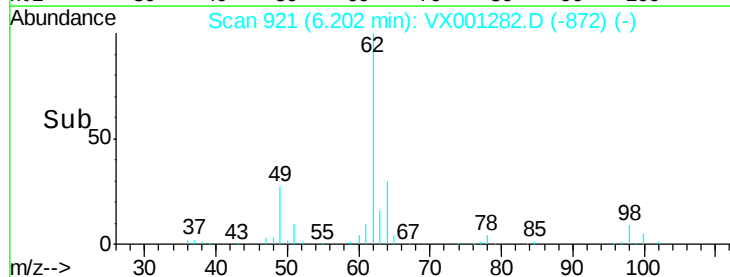
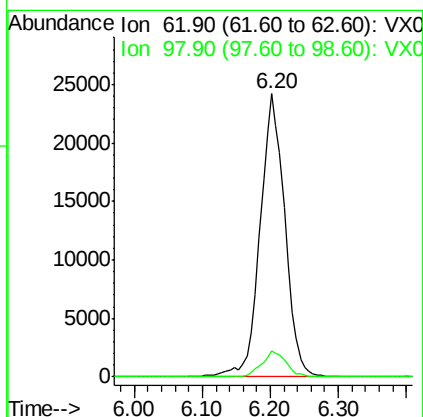
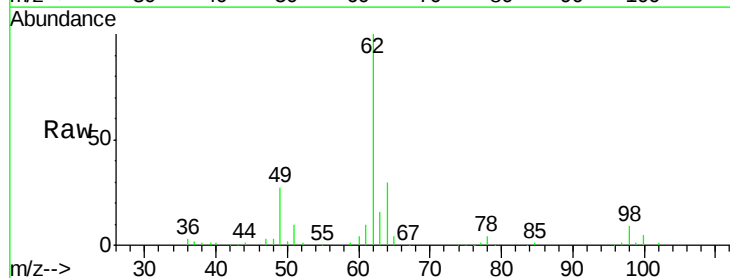
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

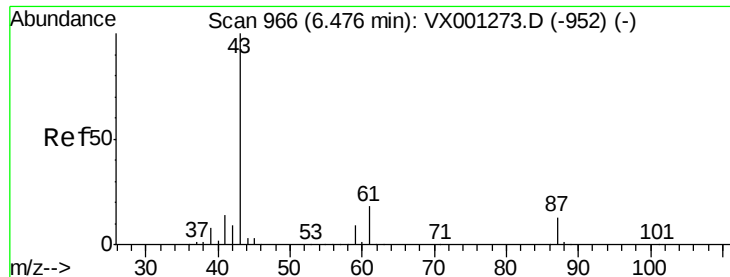
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 32587 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.1  | 45.8  | 68.8  |
| 67       | 69.6  | 54.8  | 82.2  |
| 52       | 30.3  | 24.6  | 37.0  |



#42  
1,2-Dichloroethane  
Concen: 19.44 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 61455 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 0.0   | 17.2  |





#43

Isopropyl Acetate

Concen: 19.64 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBSD01

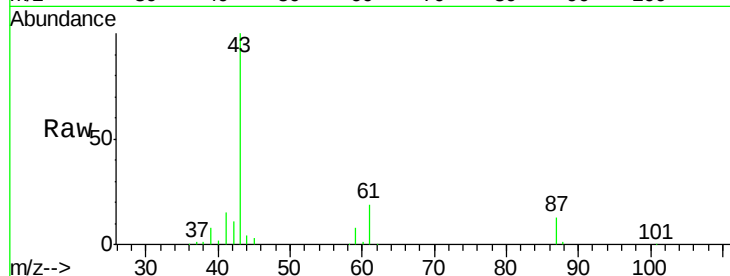
Tgt Ion: 43 Resp: 91170

Ion Ratio Lower Upper

43 100

61 19.5 15.0 22.4

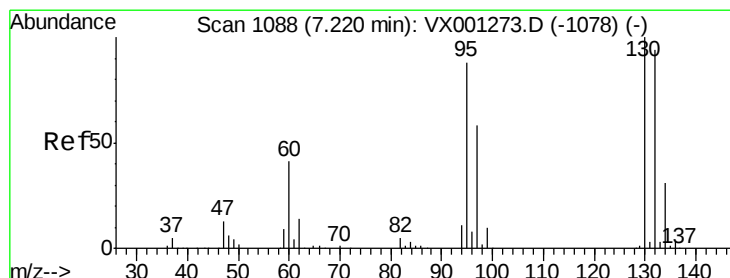
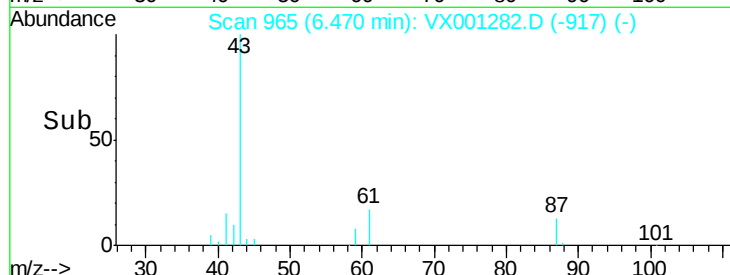
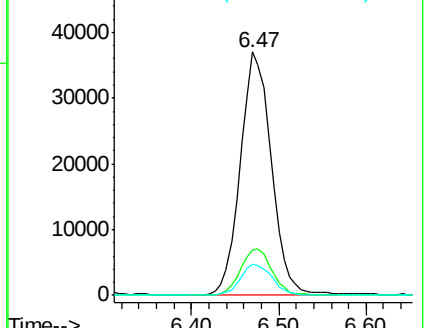
87 13.2 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.01 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001282.D

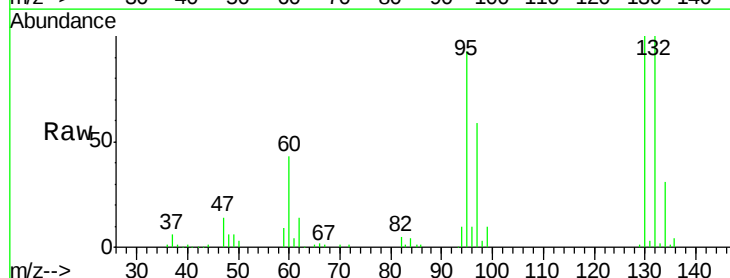
Acq: 01 May 2018 16:51

Tgt Ion: 130 Resp: 50034

Ion Ratio Lower Upper

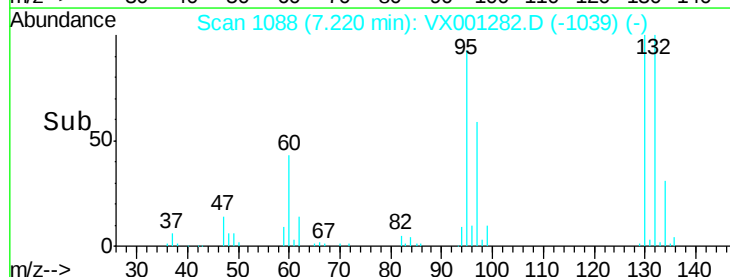
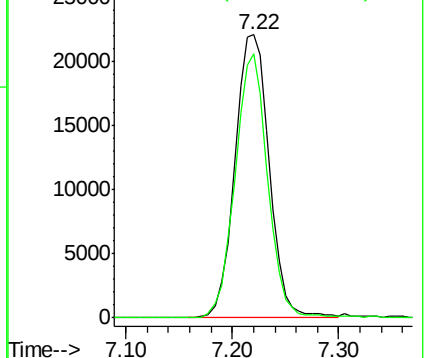
130 100

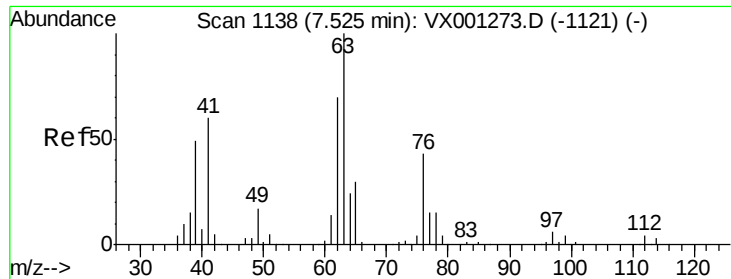
95 93.2 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

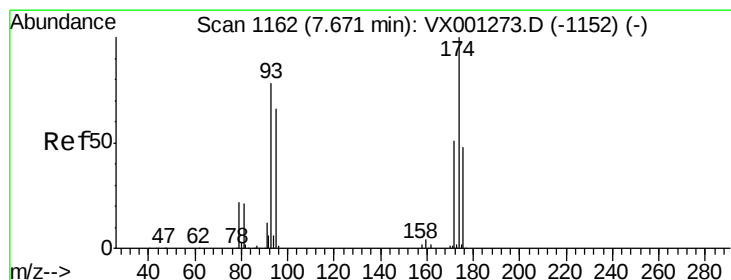
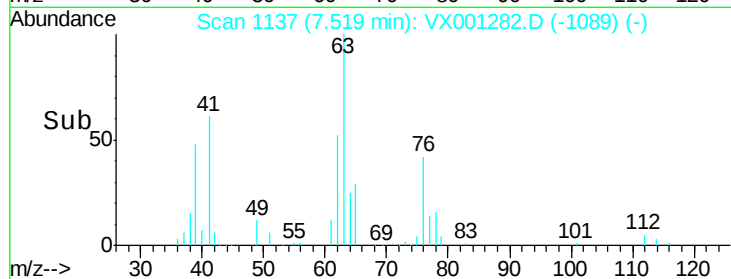
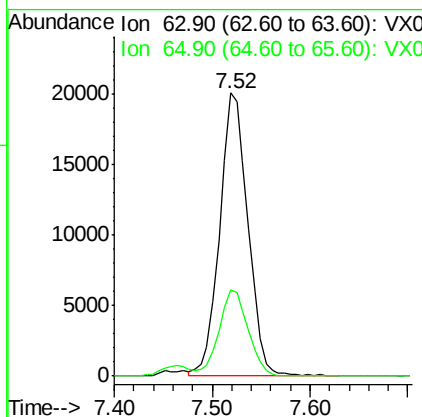
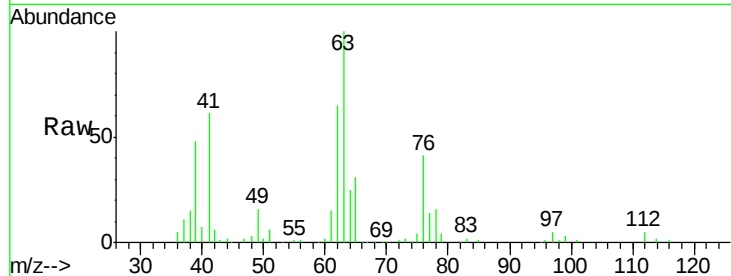




#45  
 1,2-Dichloropropane  
 Concen: 19.16 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. -0.01 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

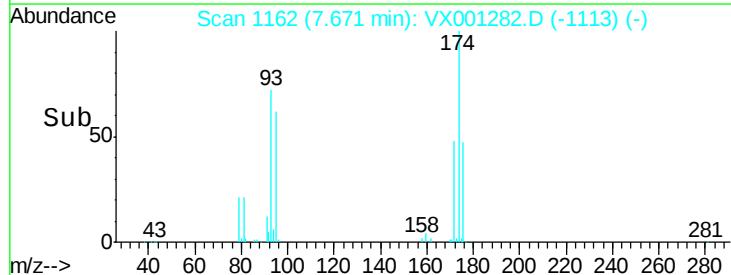
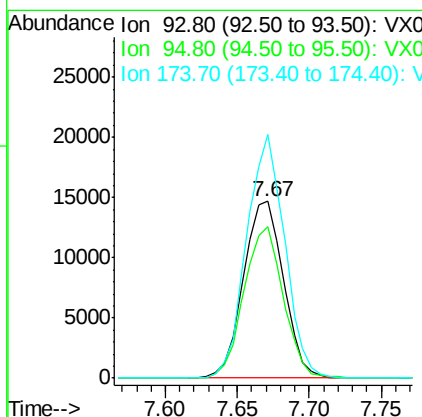
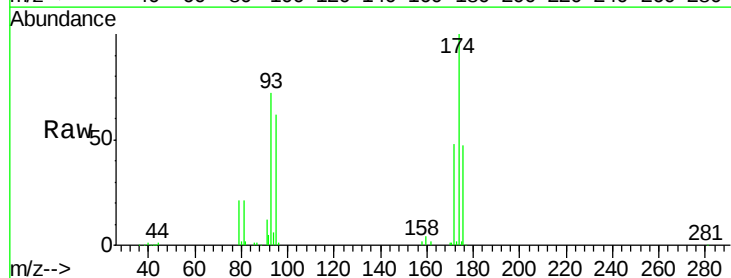
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

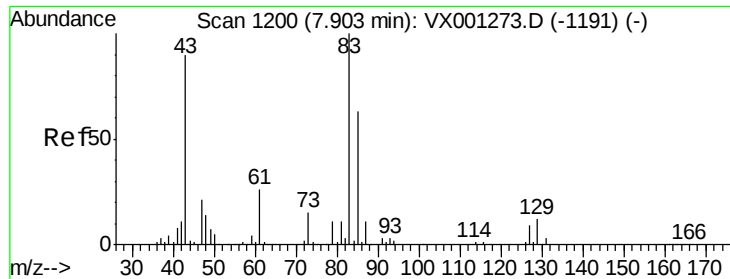
Tgt Ion: 63 Resp: 40182  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 24.2 36.4



#46  
 Dibromomethane  
 Concen: 19.27 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion: 93 Resp: 28326  
 Ion Ratio Lower Upper  
 93 100  
 95 84.0 67.0 100.6  
 174 130.1 102.3 153.5





#47

Bromodichloromethane

Concen: 19.42 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBSD01

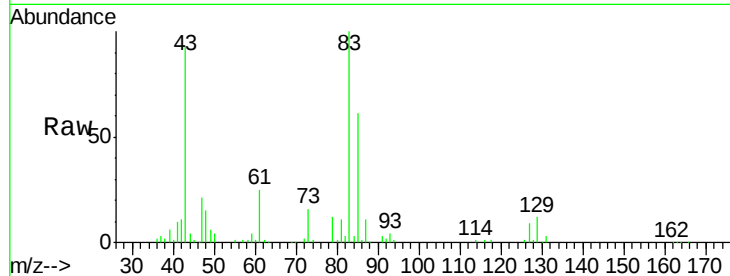
Tgt Ion: 83 Resp: 51036

Ion Ratio Lower Upper

83 100

85 61.2 50.3 75.5

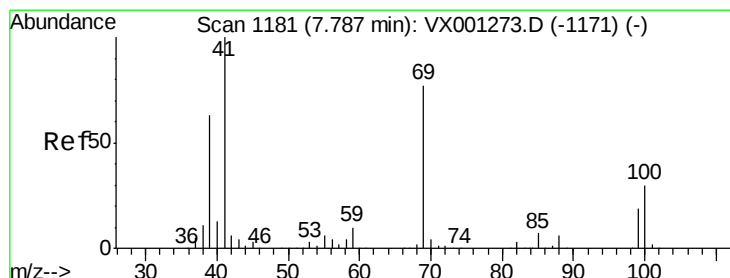
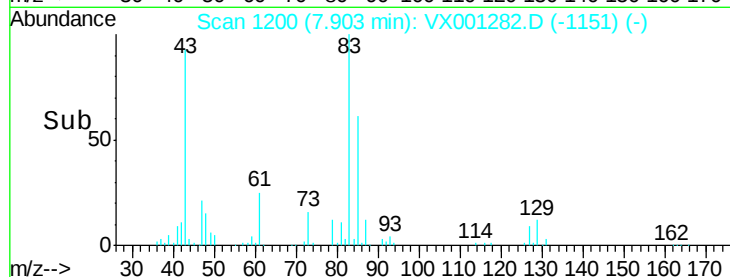
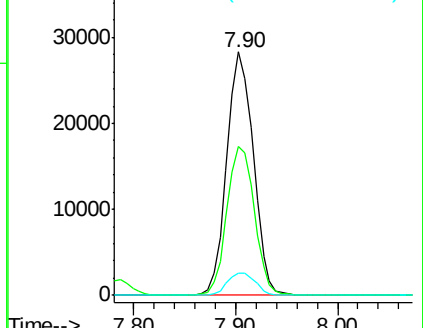
127 9.3 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.32 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

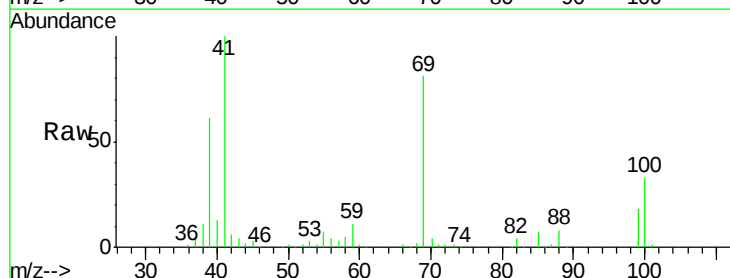
Tgt Ion: 41 Resp: 47676

Ion Ratio Lower Upper

41 100

69 80.2 63.0 94.6

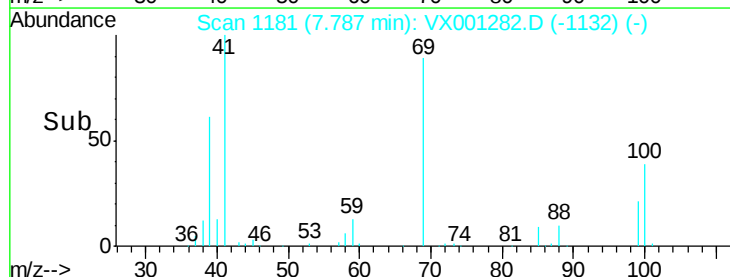
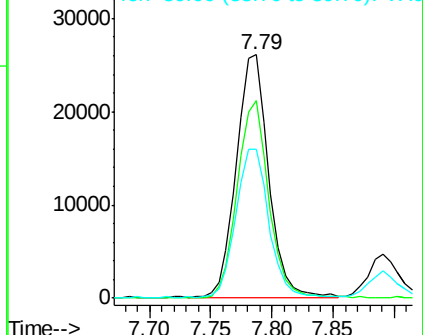
39 62.2 50.2 75.4

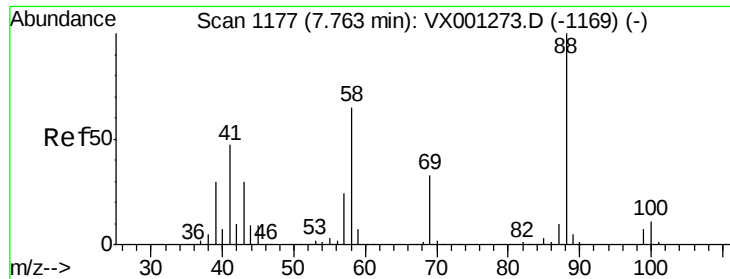


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

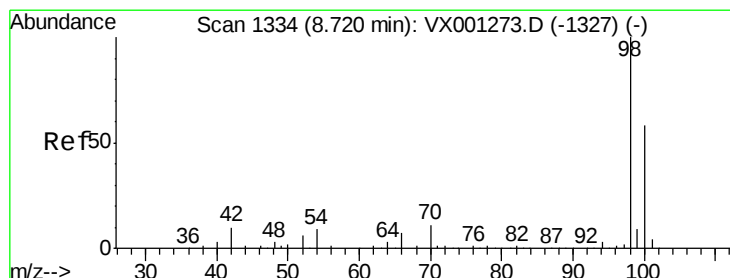
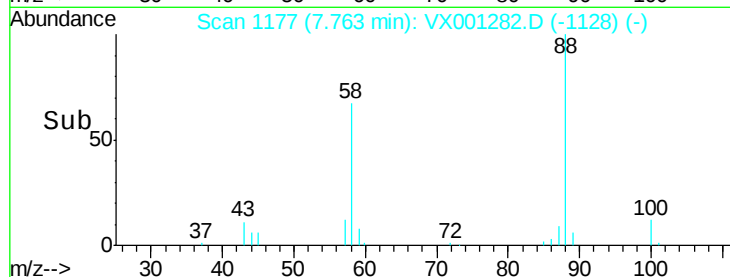
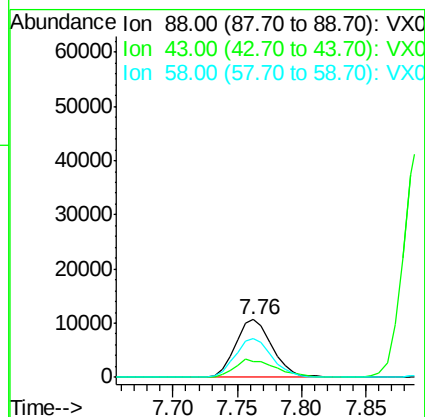
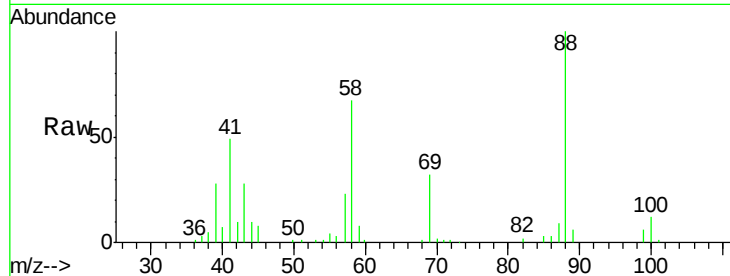




#49  
1,4-Dioxane  
Concen: 451.30 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

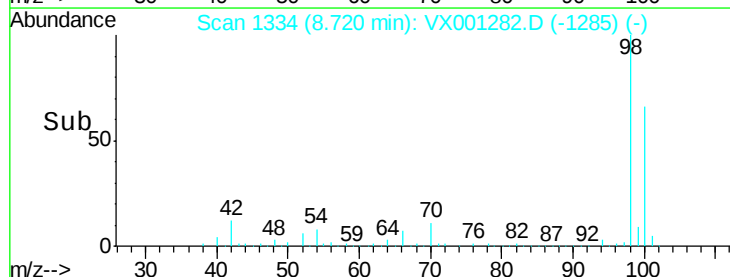
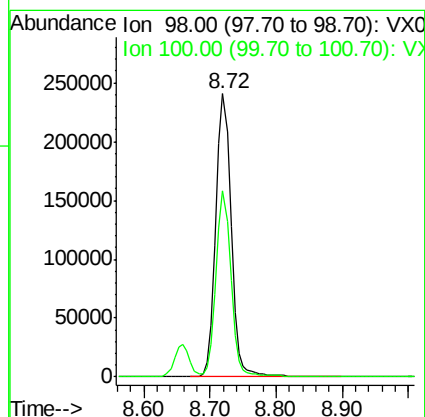
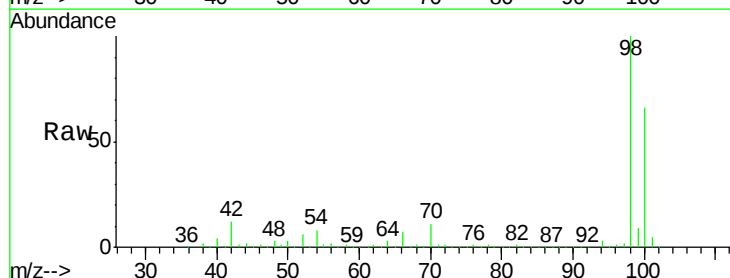
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

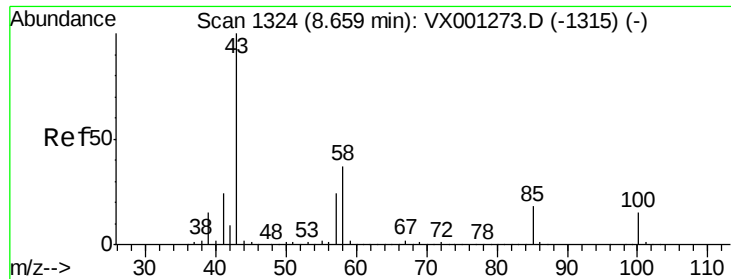
Tgt Ion: 88 Resp: 21011  
Ion Ratio Lower Upper  
88 100  
43 33.5 27.9 41.9  
58 68.3 54.2 81.2



#50  
Toluene-d8  
Concen: 51.25 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion: 98 Resp: 387978  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 102.56 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

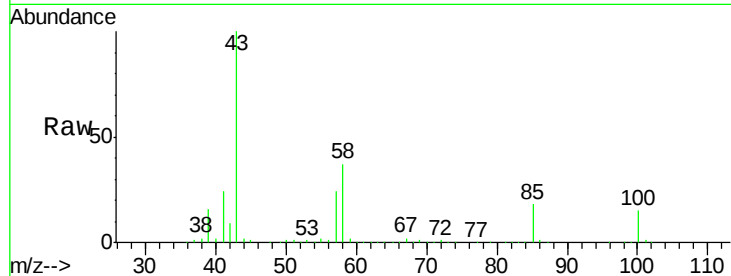
VX0501WBSD01

Tgt Ion: 43 Resp: 306864

Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

150000

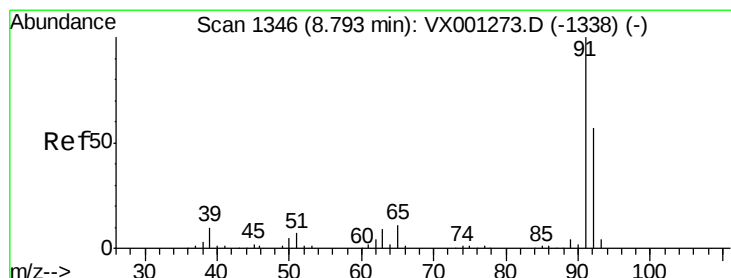
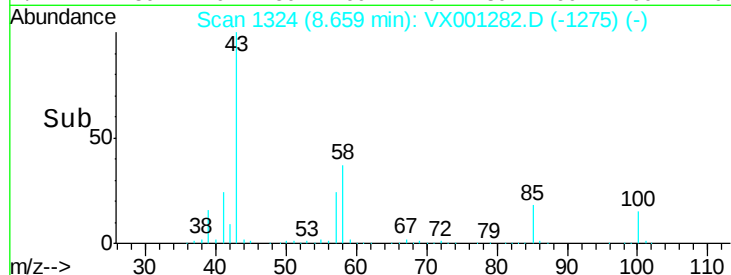
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 20.02 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001282.D

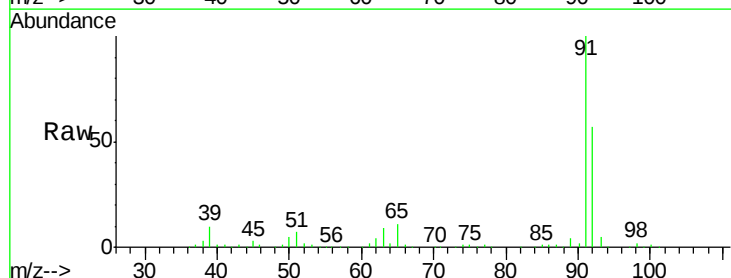
Acq: 01 May 2018 16:51

Tgt Ion: 92 Resp: 106875

Ion Ratio Lower Upper

92 100

91 173.2 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

120000

100000

80000

60000

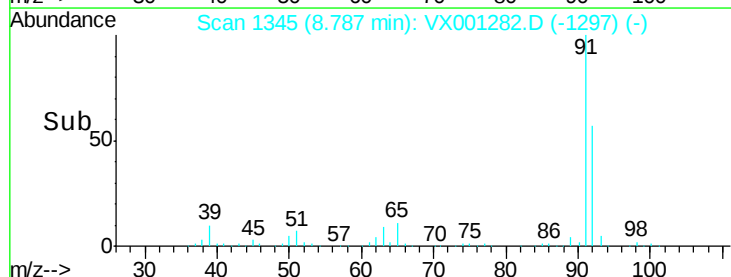
40000

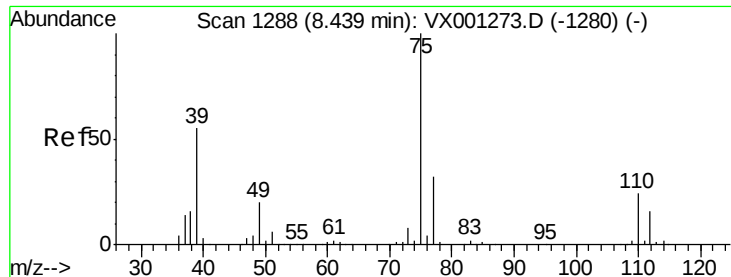
20000

0

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.27 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

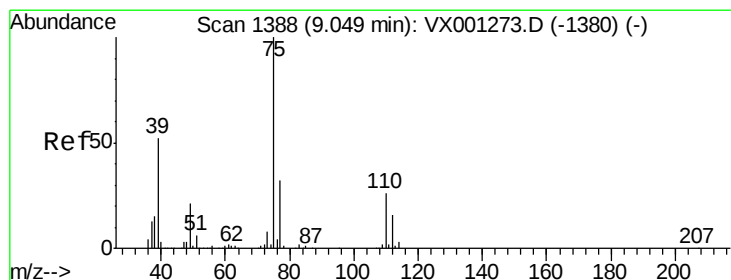
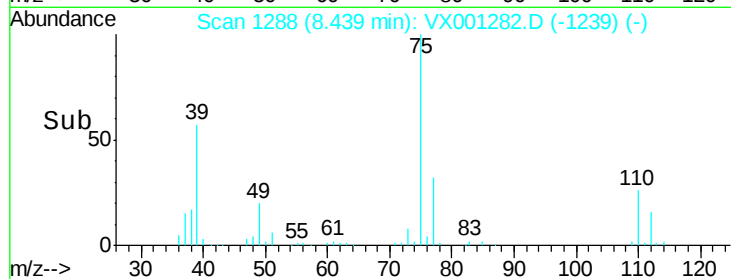
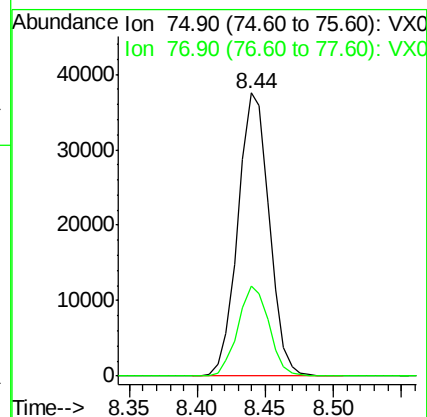
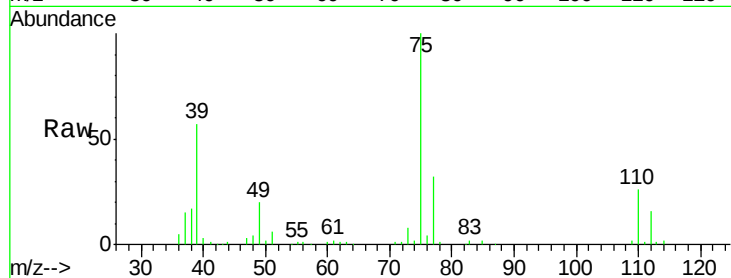
VX0501WBSD01

Tgt Ion: 75 Resp: 60245

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 18.78 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

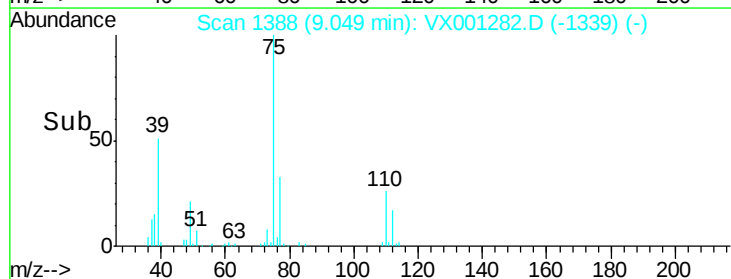
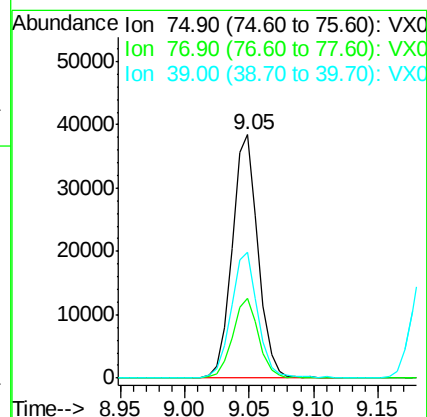
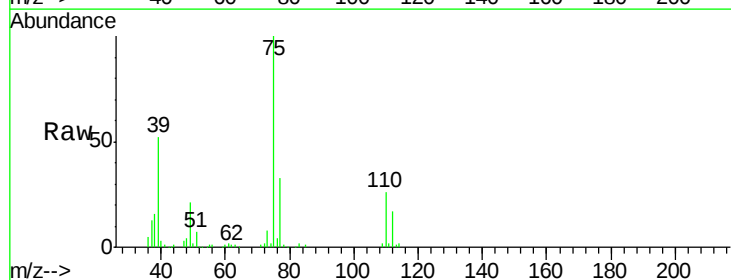
Tgt Ion: 75 Resp: 54016

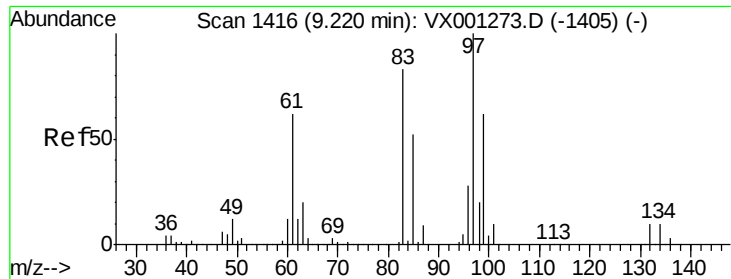
Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

39 51.5 41.9 62.9

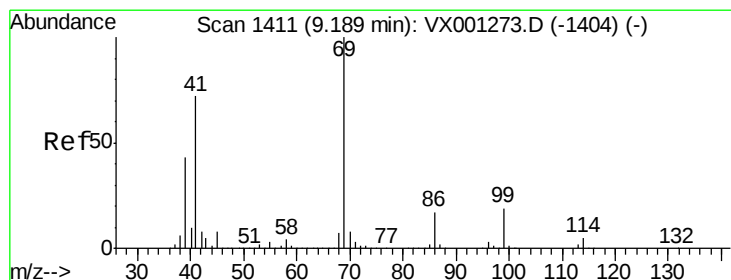
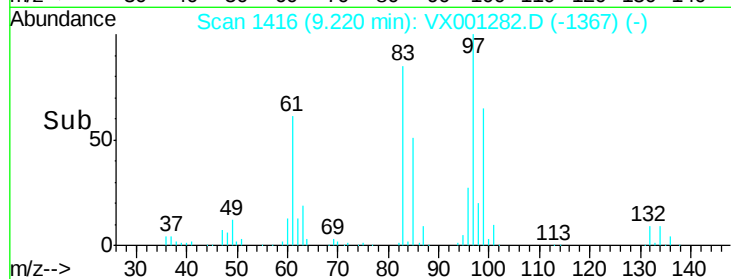
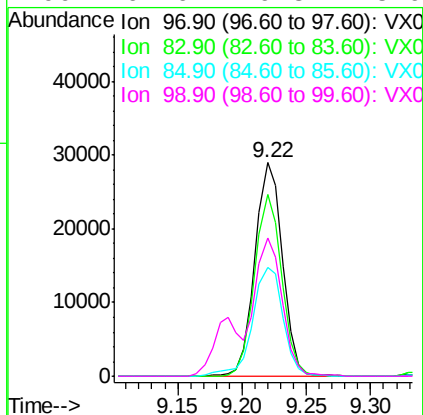
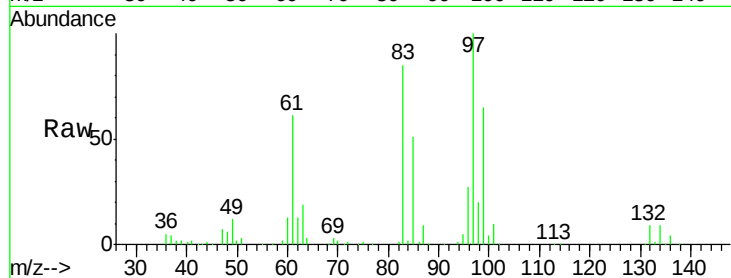




#55  
 1,1,2-Trichloroethane  
 Concen: 19.82 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

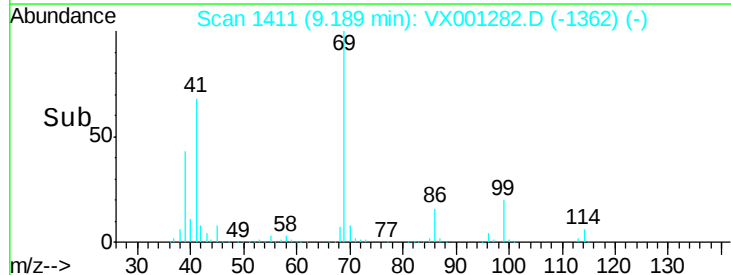
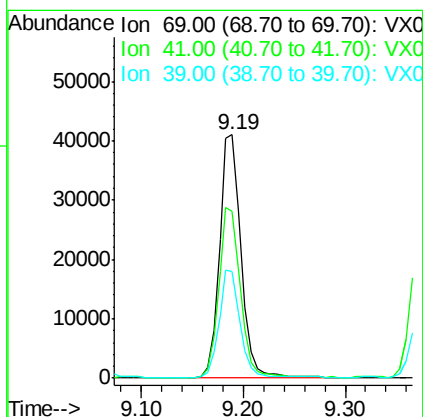
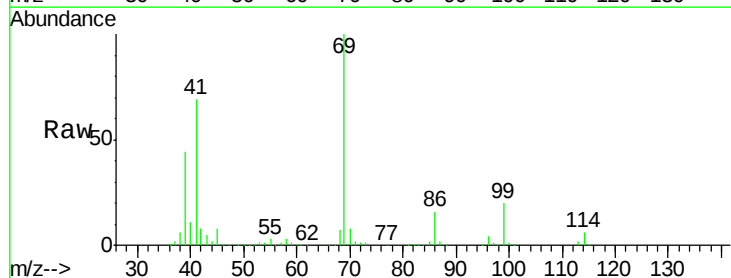
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

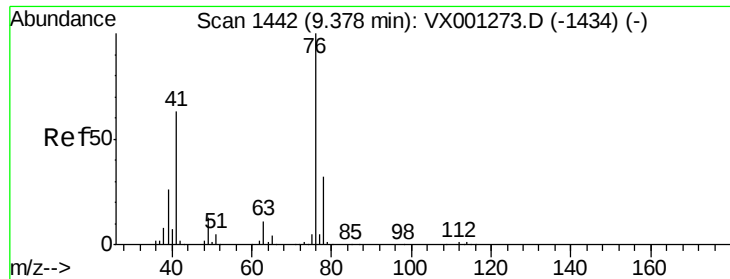
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 42743 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.4  | 66.4  | 99.6  |
| 85       | 50.8  | 41.6  | 62.4  |
| 99       | 64.6  | 49.3  | 73.9  |



#56  
 Ethyl methacrylate  
 Concen: 20.31 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 60680 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.9  | 57.2  | 85.8  |
| 39       | 42.7  | 34.3  | 51.5  |





#57

1,3-Dichloropropane

Concen: 20.02 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

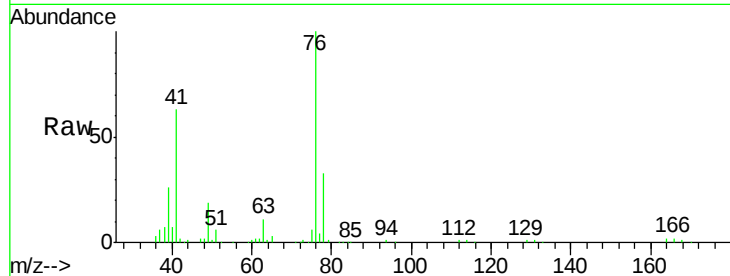
VX0501WBSD01

Tgt Ion: 76 Resp: 69427

Ion Ratio Lower Upper

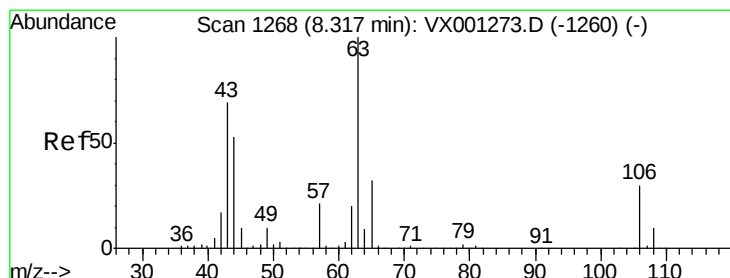
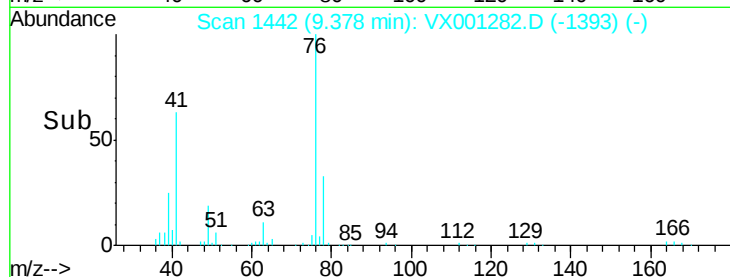
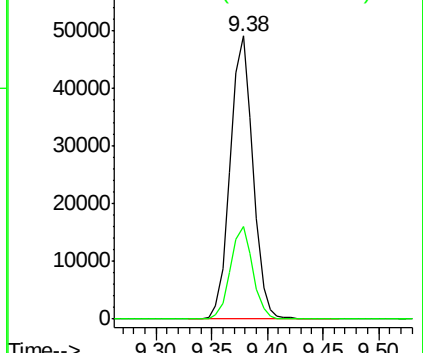
76 100

78 32.4 25.6 38.4



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: 106.16 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX001282.D

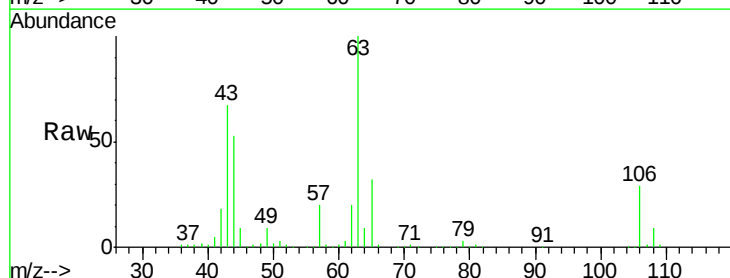
Acq: 01 May 2018 16:51

Tgt Ion: 63 Resp: 153031

Ion Ratio Lower Upper

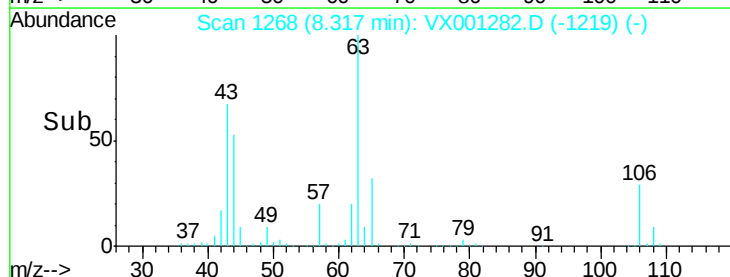
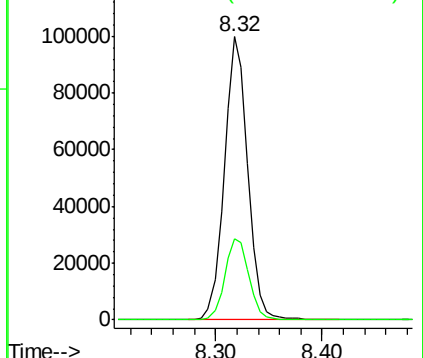
63 100

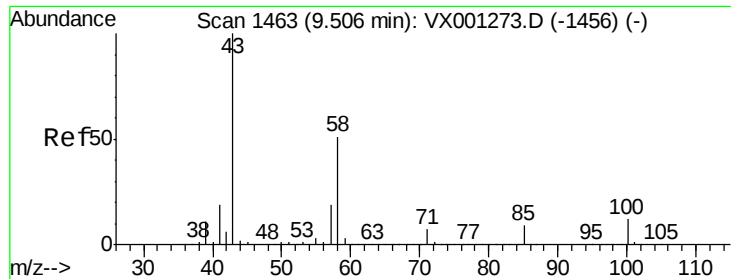
106 29.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

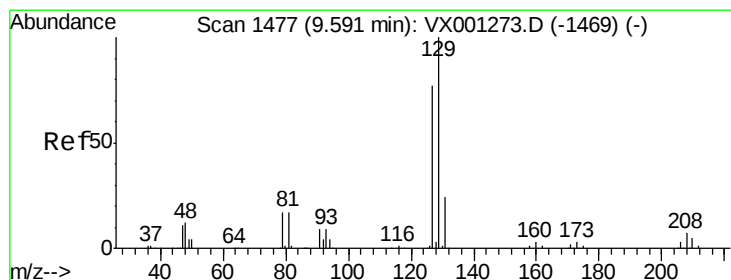
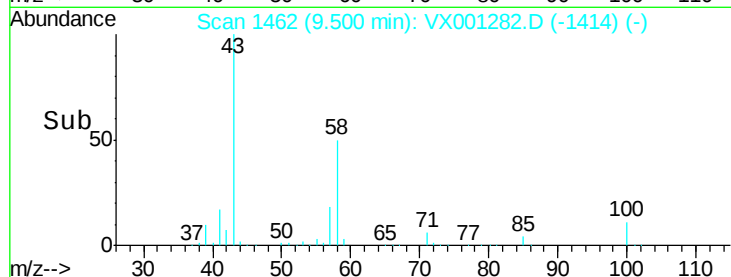
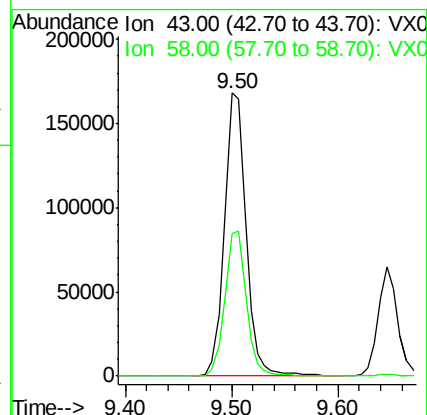
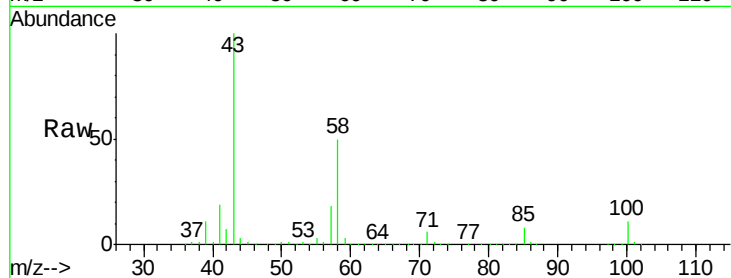




#59  
2-Hexanone  
Concen: 102.47 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.01 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

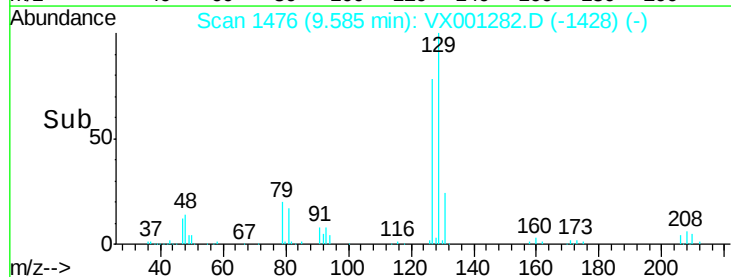
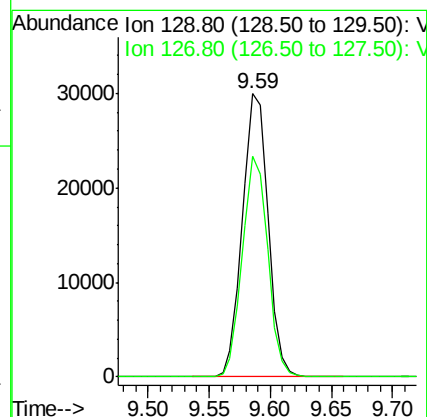
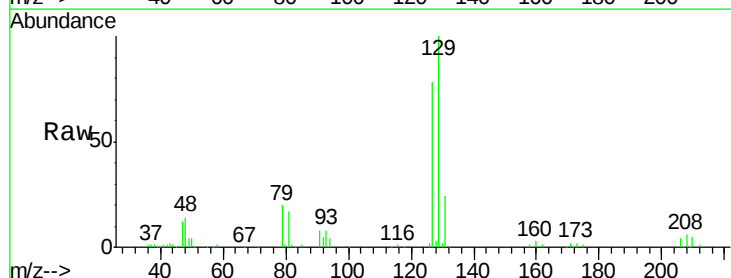
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

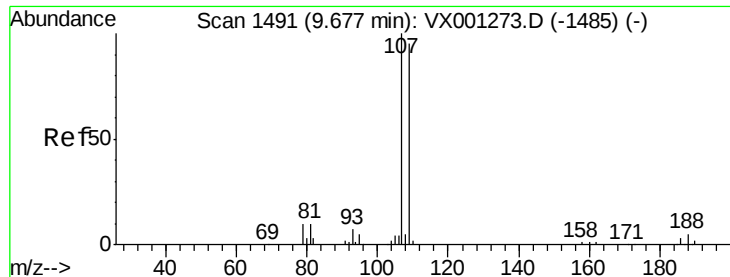
Tgt Ion: 43 Resp: 239619  
Ion Ratio Lower Upper  
43 100  
58 51.3 25.7 77.0



#60  
Dibromochloromethane  
Concen: 19.42 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.01 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion: 129 Resp: 43688  
Ion Ratio Lower Upper  
129 100  
127 76.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 20.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

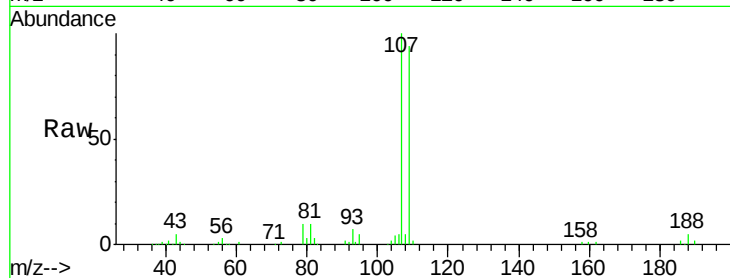
VX0501WBSD01

Tgt Ion: 107 Resp: 45850

Ion Ratio Lower Upper

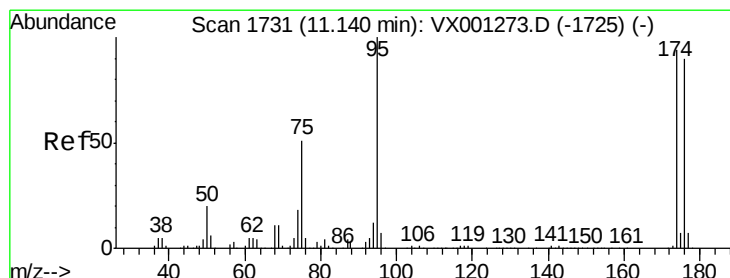
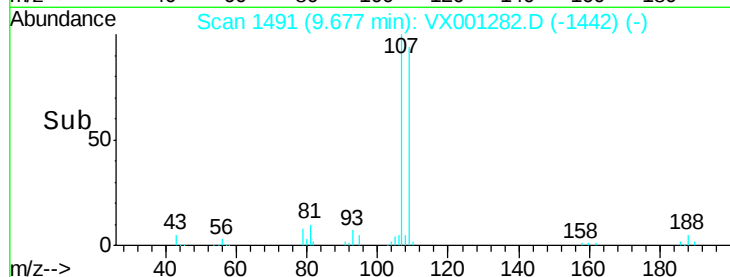
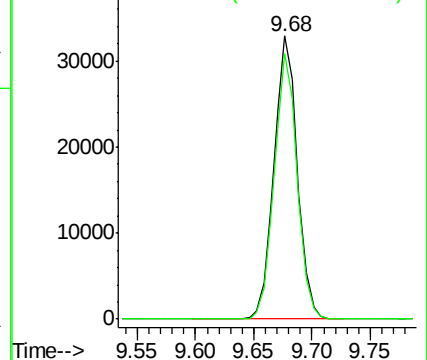
107 100

109 92.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

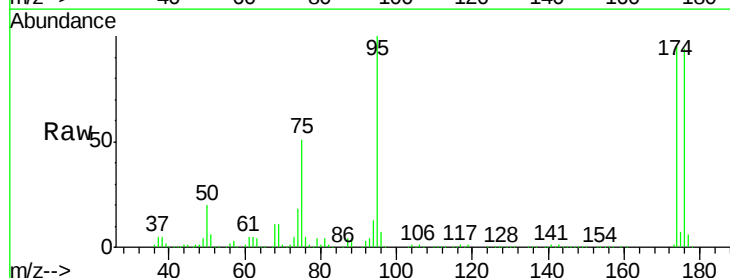
Tgt Ion: 95 Resp: 147243

Ion Ratio Lower Upper

95 100

174 103.1 0.0 201.8

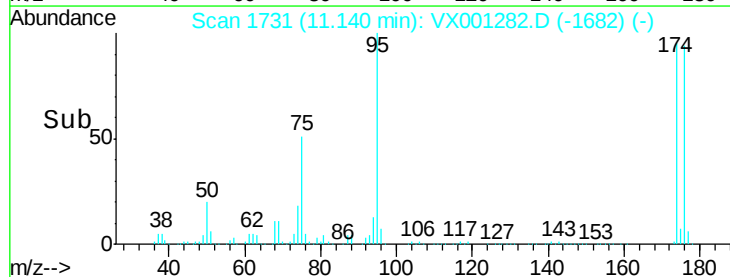
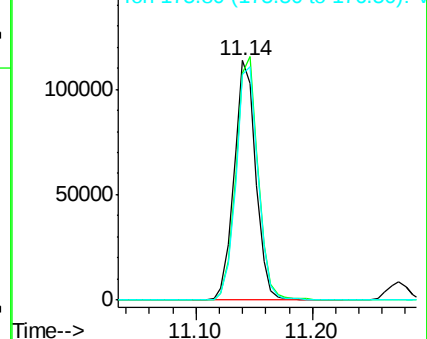
176 99.7 0.0 197.2

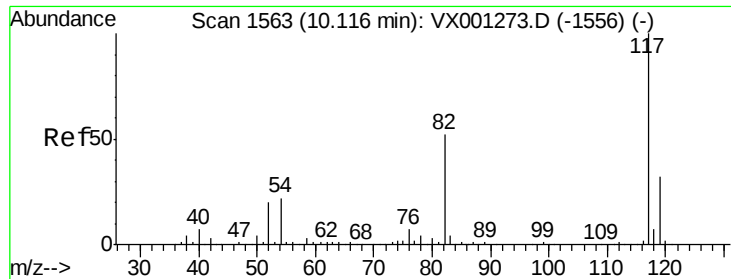


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

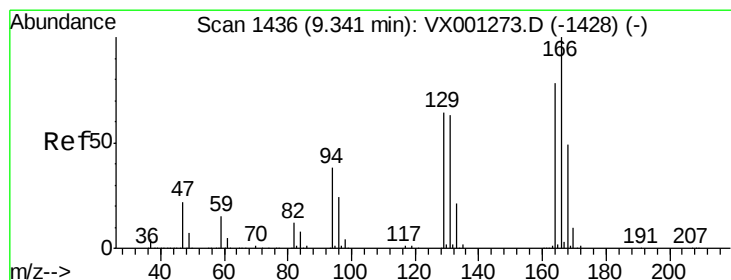
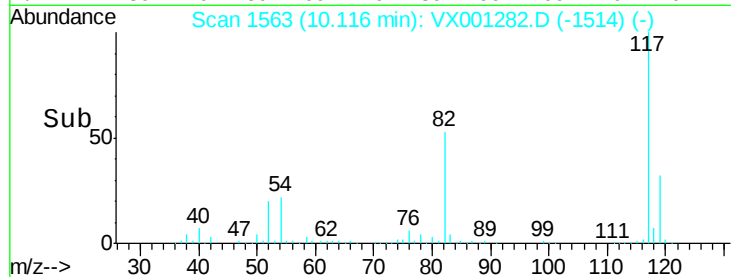
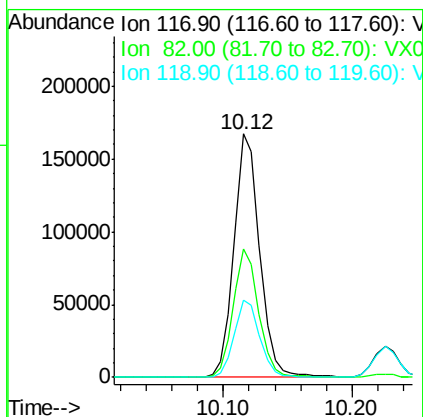
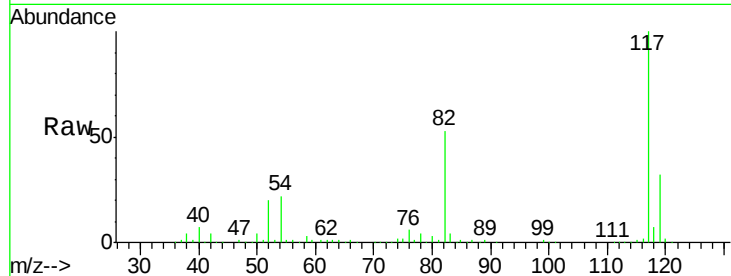




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

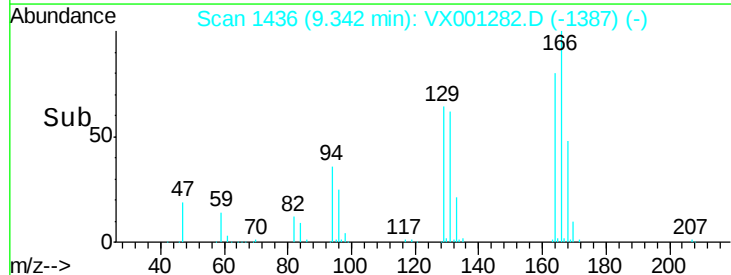
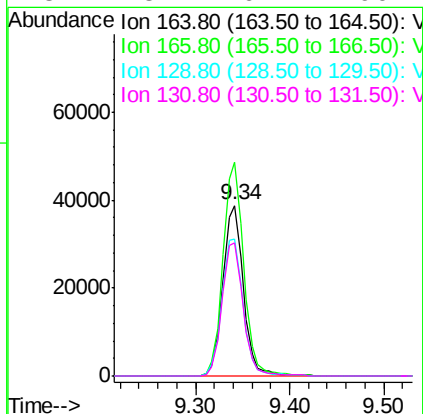
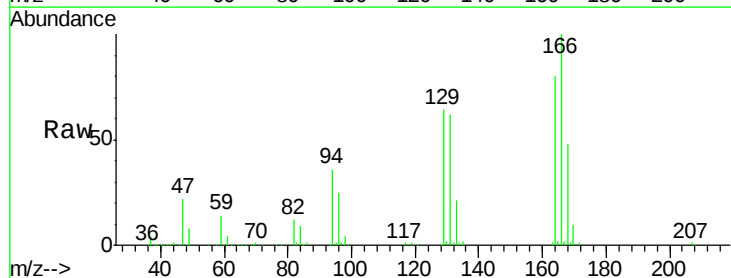
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

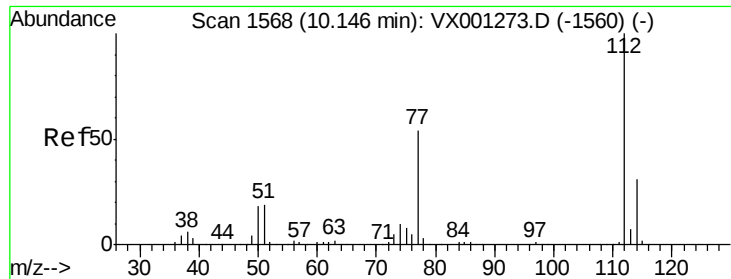
Tgt Ion:117 Resp: 233413  
Ion Ratio Lower Upper  
117 100  
82 52.8 41.4 62.0  
119 31.6 25.5 38.3



#64  
Tetrachloroethene  
Concen: 21.27 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion:164 Resp: 58831  
Ion Ratio Lower Upper  
164 100  
166 125.4 102.3 153.5  
129 80.3 65.1 97.7  
131 78.1 64.2 96.4

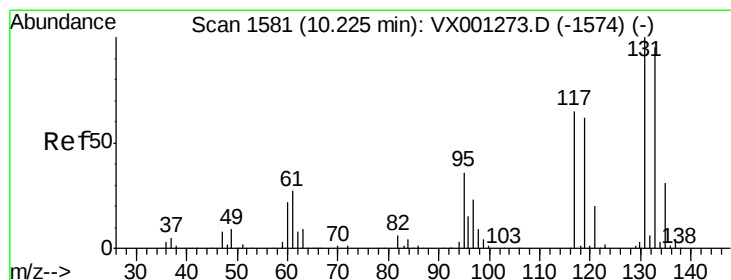
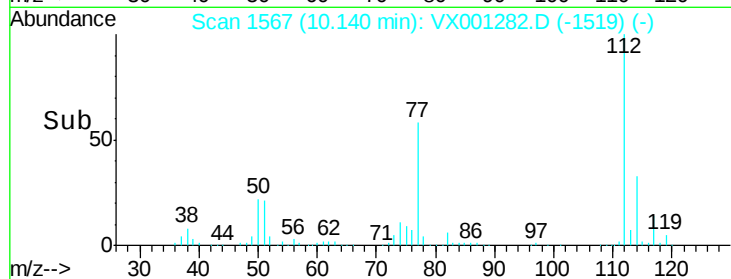
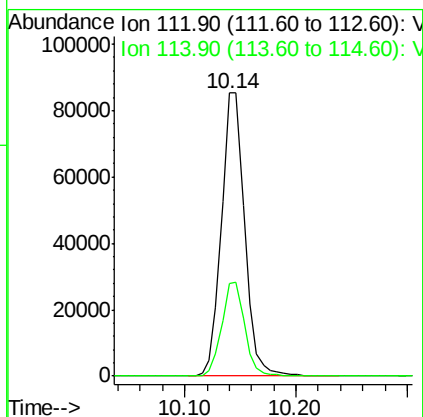
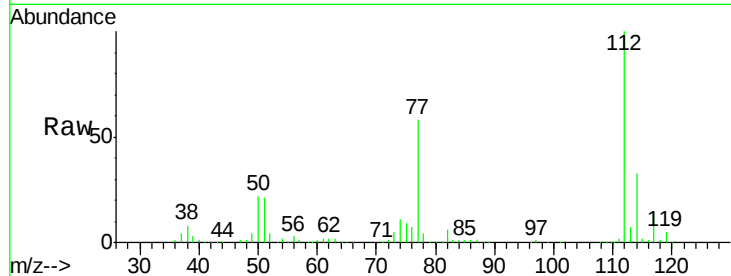




#65  
Chlorobenzene  
Concen: 19.51 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

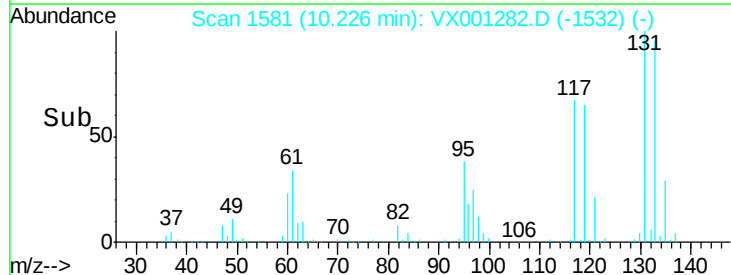
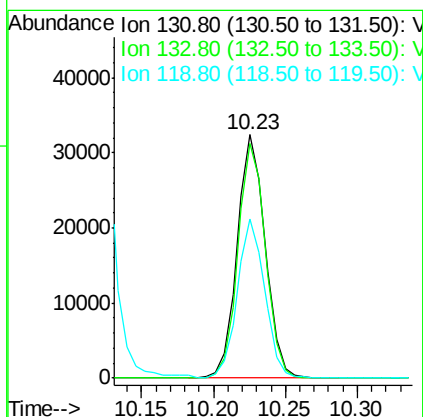
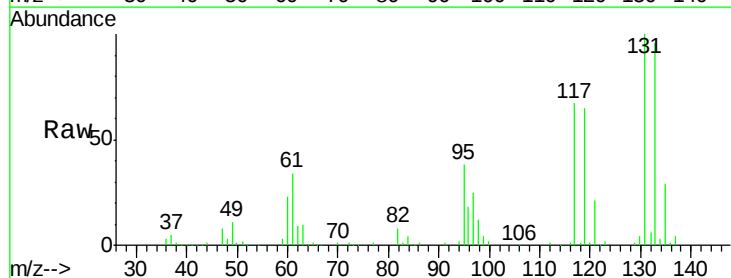
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

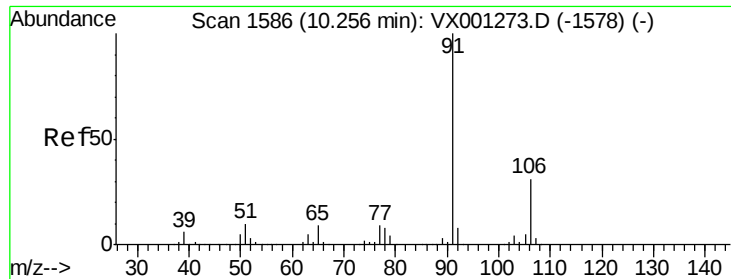
Tgt Ion:112 Resp: 123838  
Ion Ratio Lower Upper  
112 100  
114 32.6 24.8 37.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.89 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion:131 Resp: 43838  
Ion Ratio Lower Upper  
131 100  
133 94.5 48.3 144.9  
119 64.2 31.2 93.6





#67

Ethyl Benzene

Concen: 19.49 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

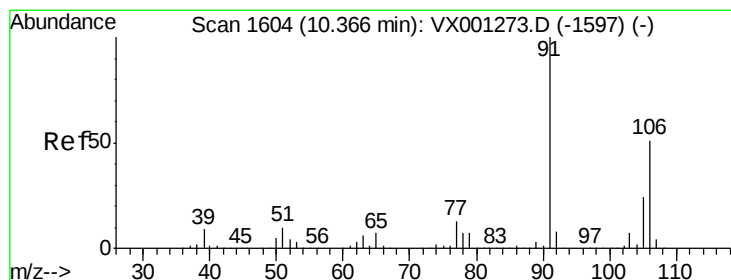
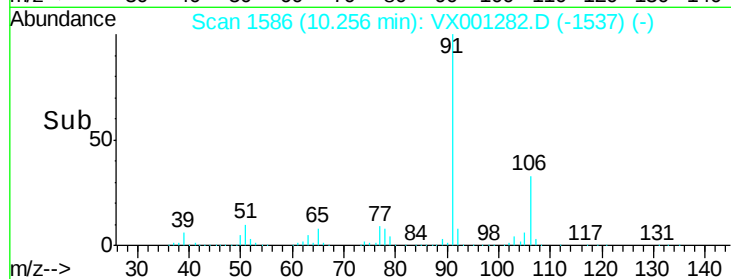
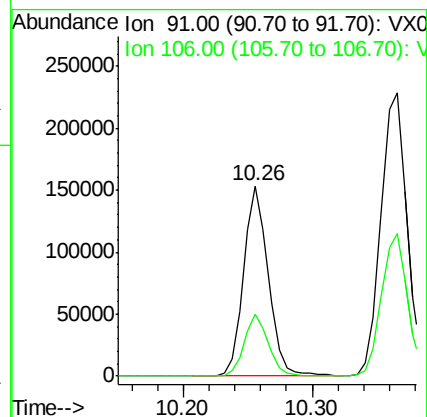
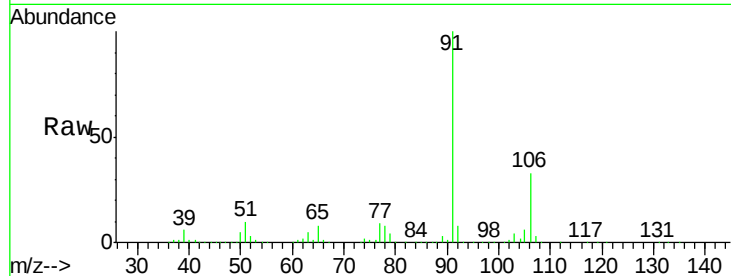
VX0501WBSD01

Tgt Ion: 91 Resp: 203834

Ion Ratio Lower Upper

91 100

106 32.6 24.9 37.3



#68

m/p-Xylenes

Concen: 39.09 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001282.D

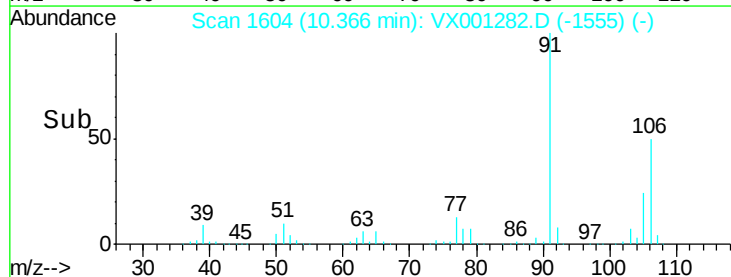
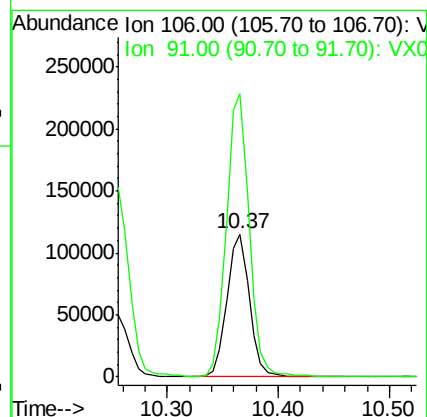
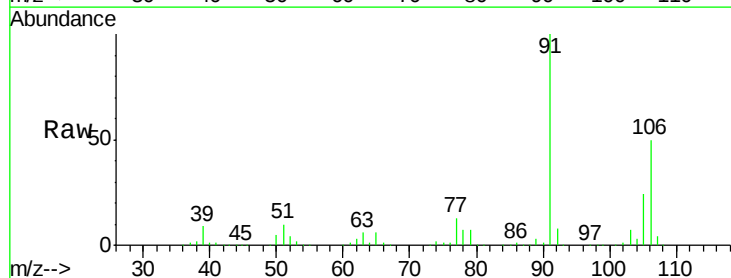
Acq: 01 May 2018 16:51

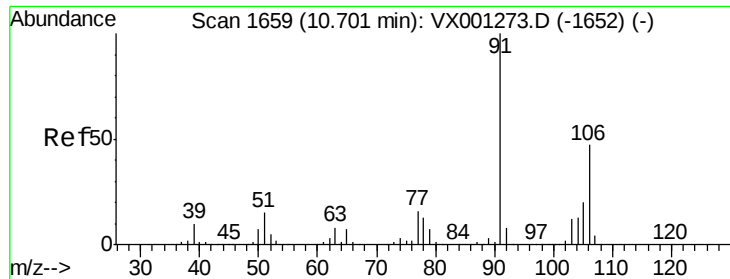
Tgt Ion: 106 Resp: 160916

Ion Ratio Lower Upper

106 100

91 201.9 159.4 239.2

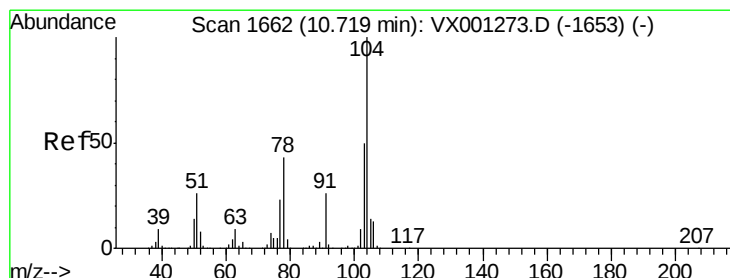
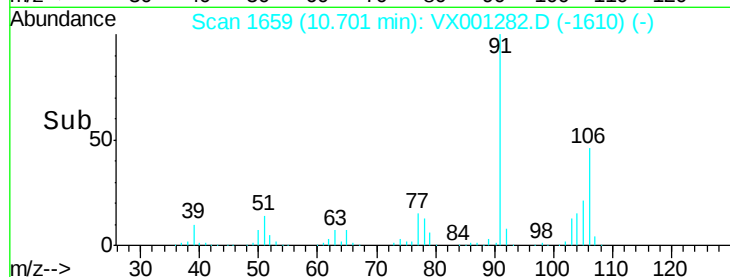
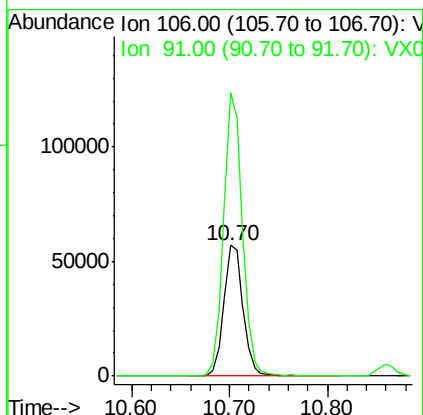
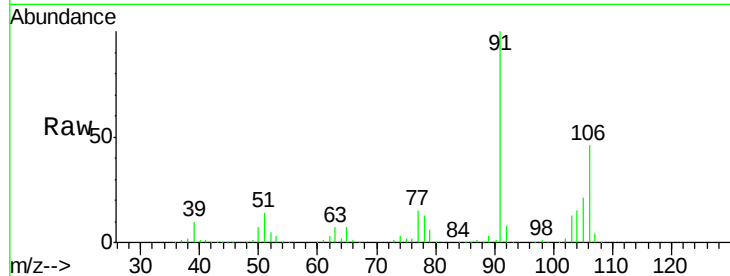




#69  
o-Xylene  
Concen: 19.58 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

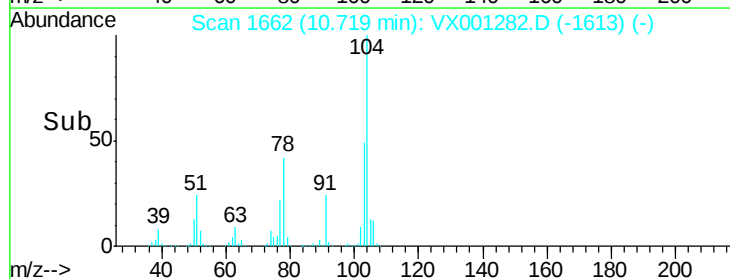
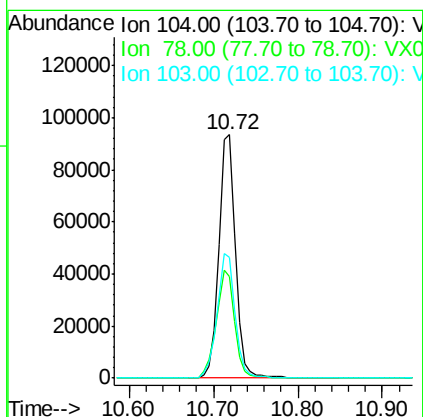
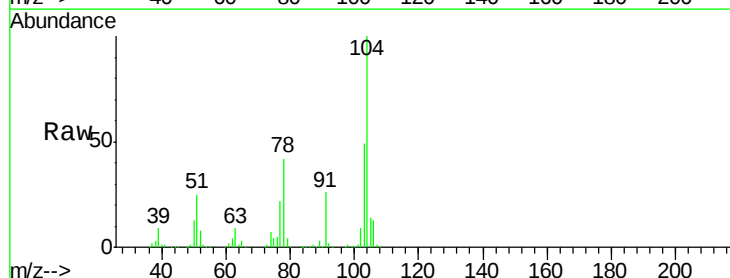
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

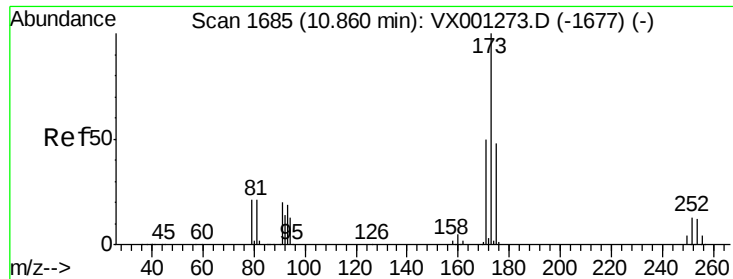
Tgt Ion:106 Resp: 78179  
Ion Ratio Lower Upper  
106 100  
91 211.5 106.3 319.0



#70  
Styrene  
Concen: 19.71 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion:104 Resp: 128711  
Ion Ratio Lower Upper  
104 100  
78 49.0 40.1 60.1  
103 55.5 44.5 66.7

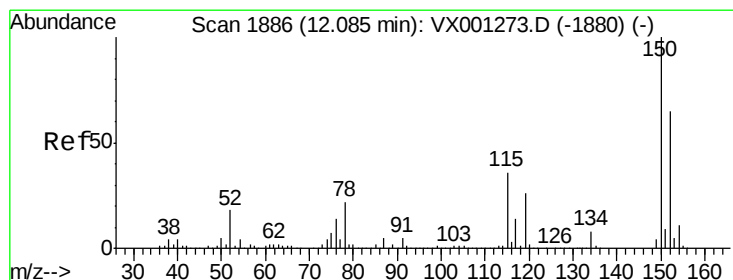
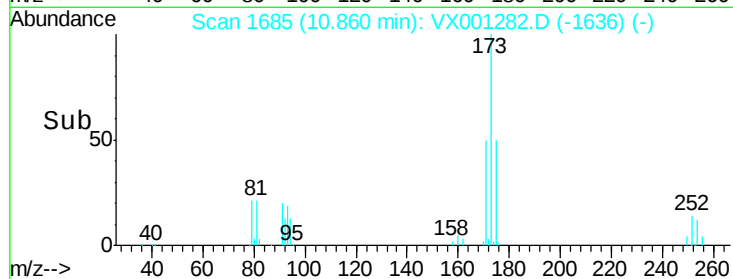
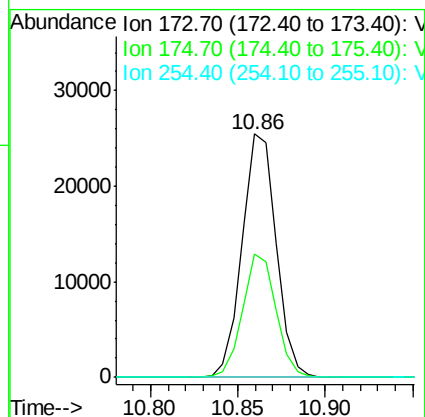
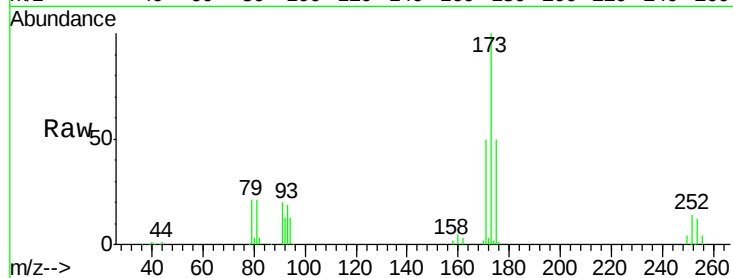




#71  
Bromoform  
Concen: 18.86 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

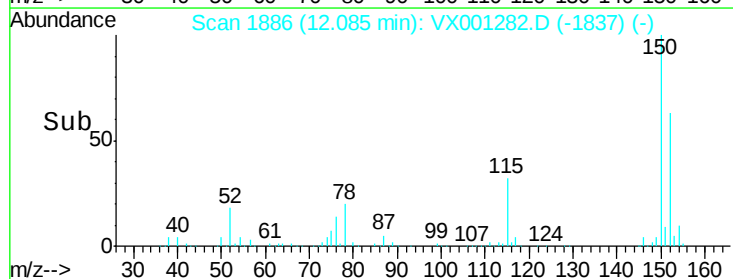
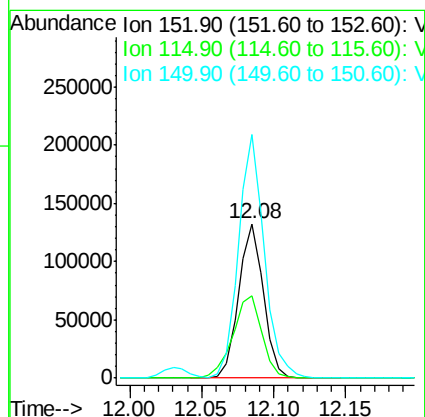
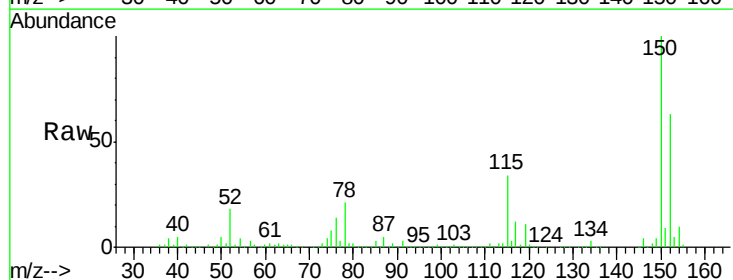
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0501WBSD01

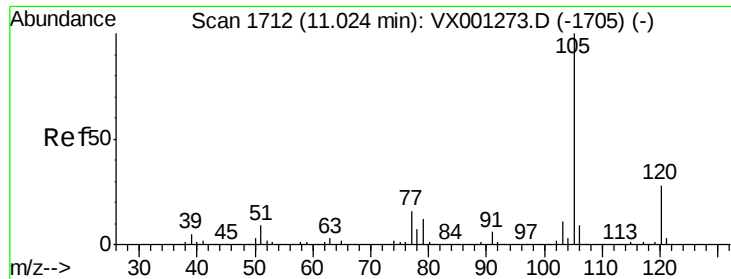
Tgt Ion:173 Resp: 34507  
Ion Ratio Lower Upper  
173 100  
175 49.4 24.6 74.0  
254 0.0 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX001282.D  
Acq: 01 May 2018 16:51

Tgt Ion:152 Resp: 158938  
Ion Ratio Lower Upper  
152 100  
115 62.9 38.6 115.7  
150 164.4 0.0 349.2





#73

Isopropylbenzene

Concen: 20.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

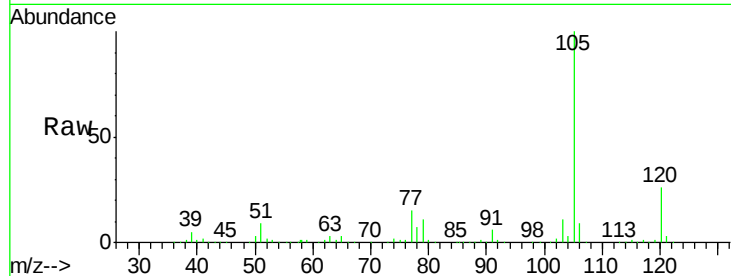
VX0501WBSD01

Tgt Ion: 105 Resp: 214467

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

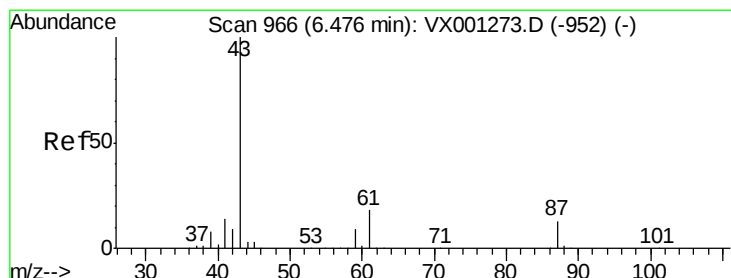
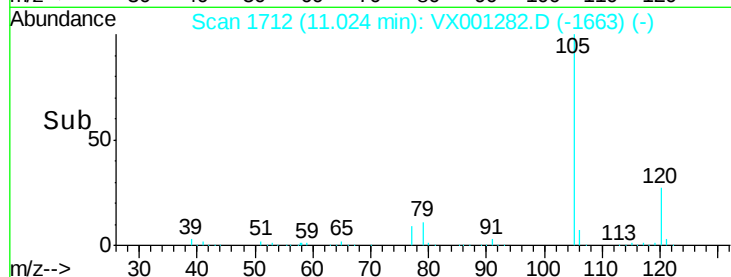
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.99 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion: 43 Resp: 91170

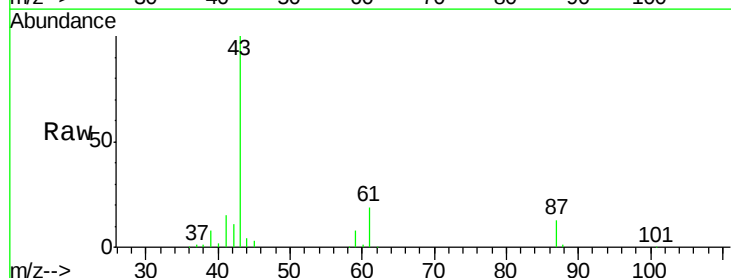
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.5 15.0 22.4



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

50000

40000

30000

20000

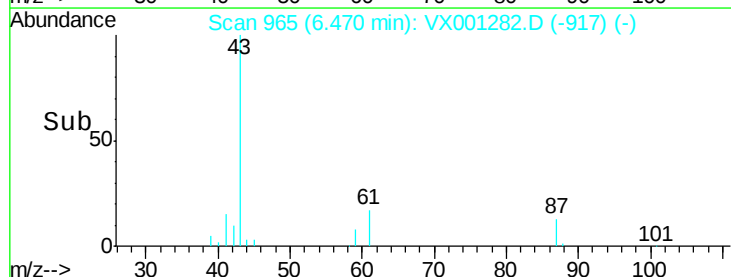
10000

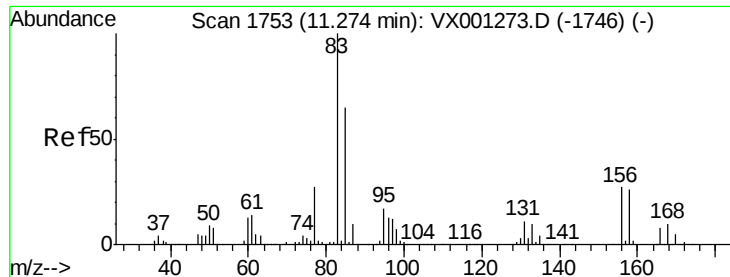
0

6.47

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBSD01

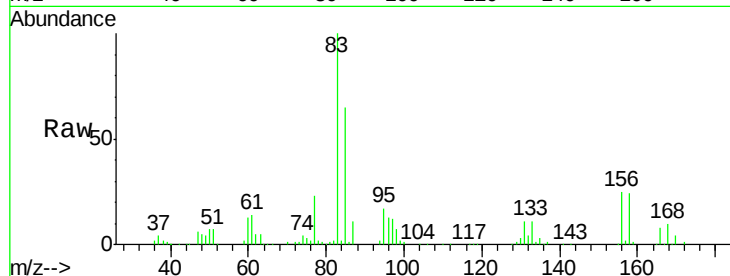
Tgt Ion: 83 Resp: 63053

Ion Ratio Lower Upper

83 100

131 11.1 5.8 17.3

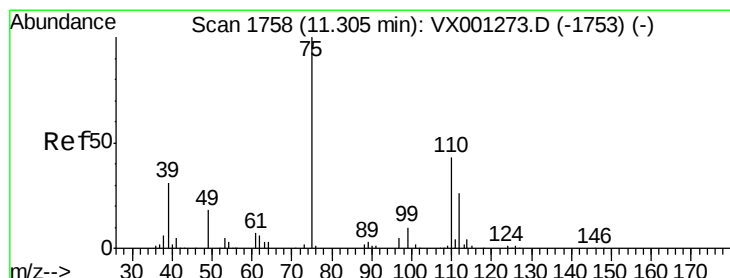
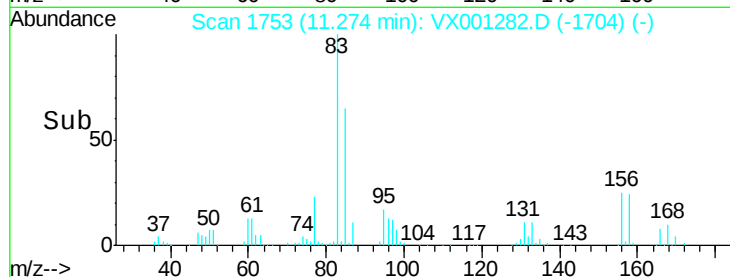
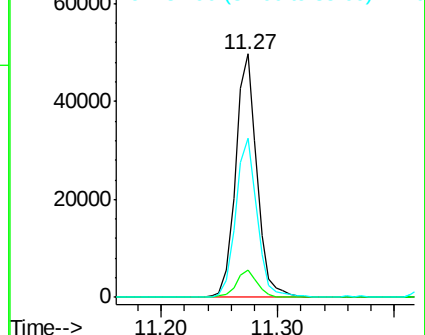
85 65.8 32.6 97.7



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: 23.63 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001282.D

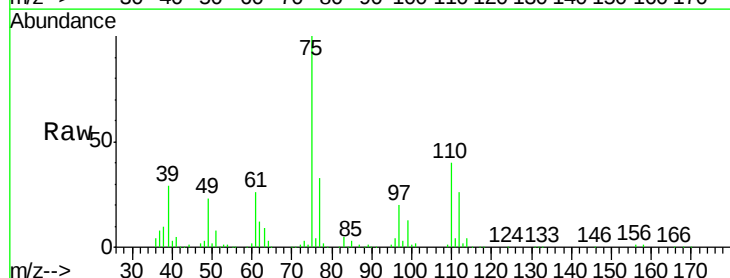
Acq: 01 May 2018 16:51

Tgt Ion: 75 Resp: 69451

Ion Ratio Lower Upper

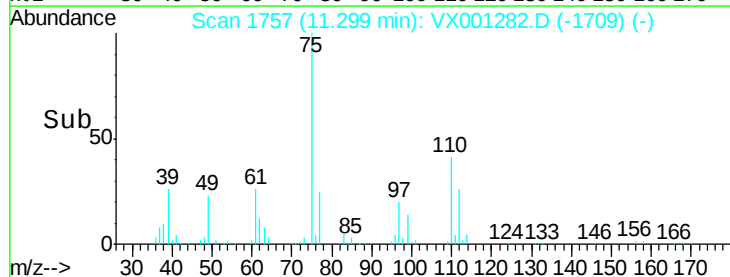
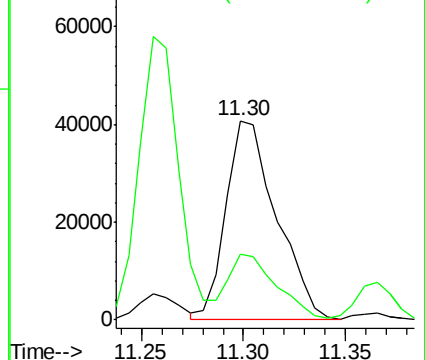
75 100

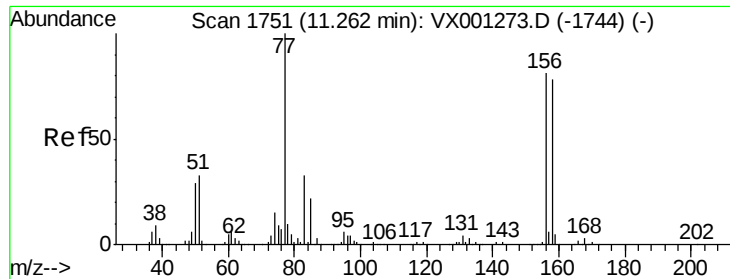
77 33.2 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.00 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBSD01

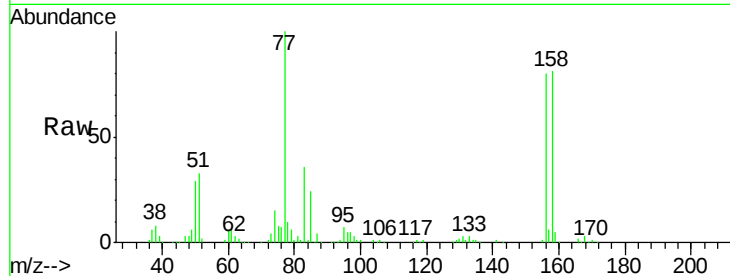
Tgt Ion:156 Resp: 61335

Ion Ratio Lower Upper

156 100

77 126.7 65.3 195.8

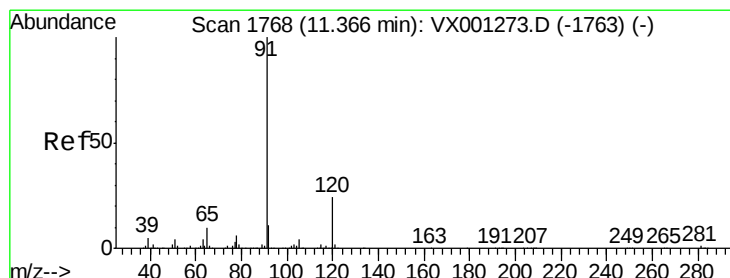
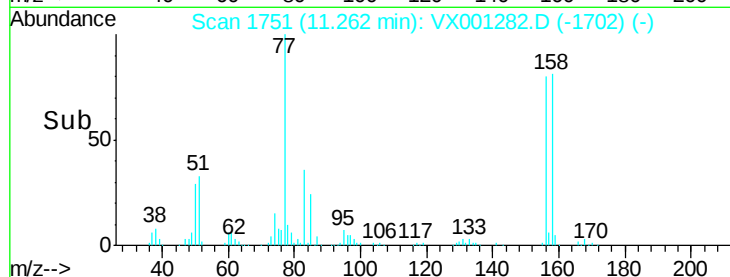
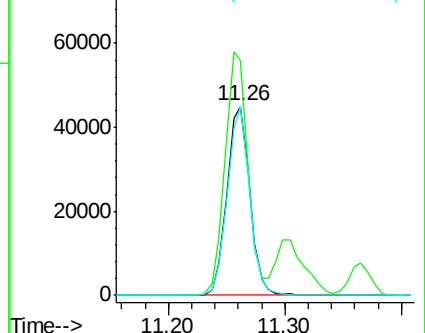
158 97.1 48.5 145.5



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: 20.40 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001282.D

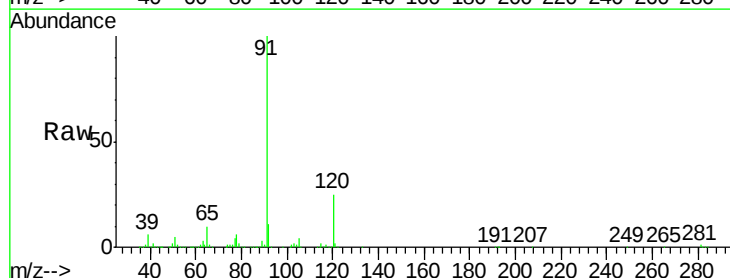
Acq: 01 May 2018 16:51

Tgt Ion: 91 Resp: 241042

Ion Ratio Lower Upper

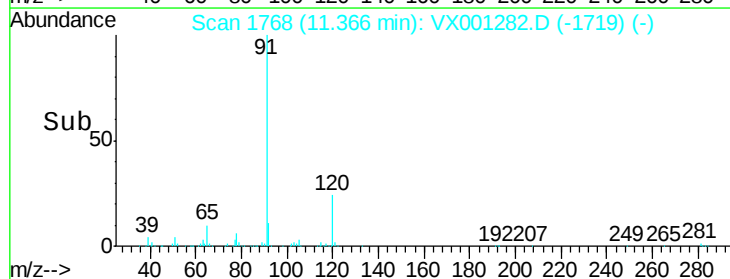
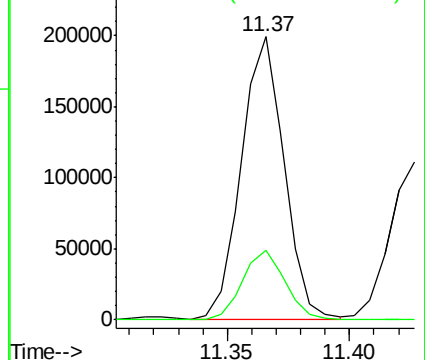
91 100

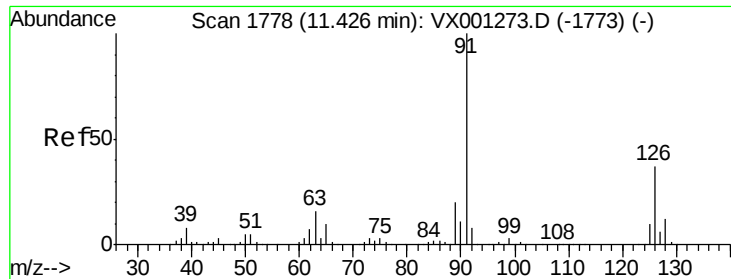
120 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.76 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

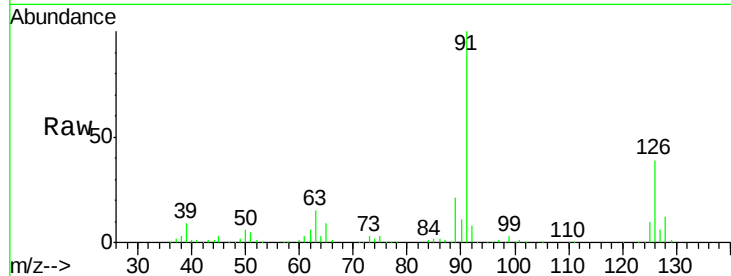
VX0501WBSD01

Tgt Ion: 91 Resp: 140876

Ion Ratio Lower Upper

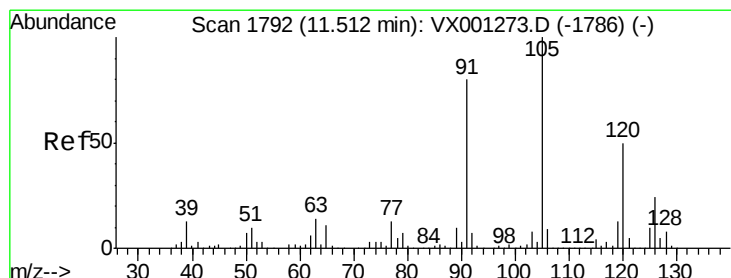
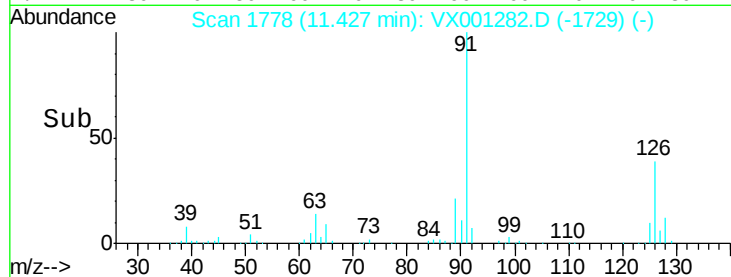
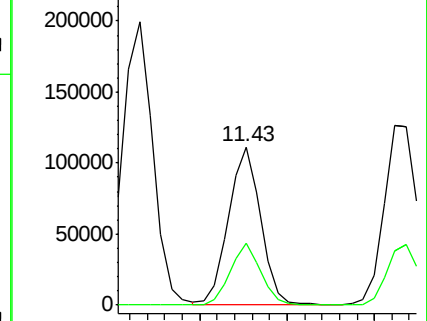
91 100

126 37.5 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001282.D

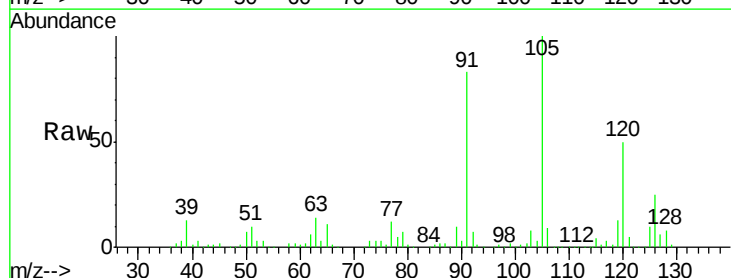
Acq: 01 May 2018 16:51

Tgt Ion: 105 Resp: 182016

Ion Ratio Lower Upper

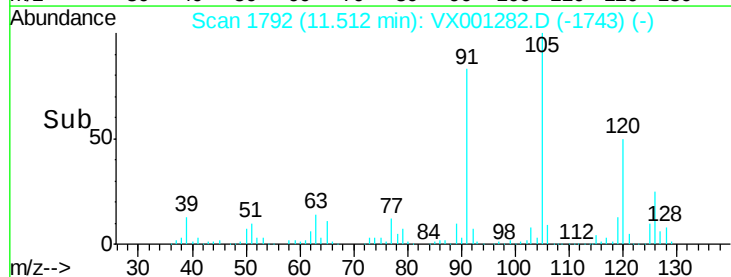
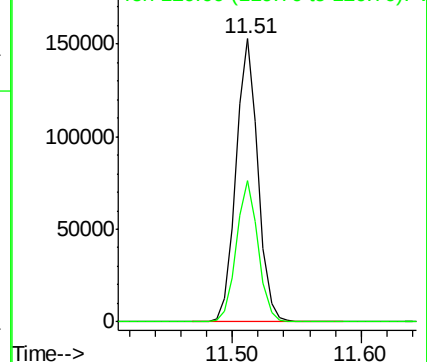
105 100

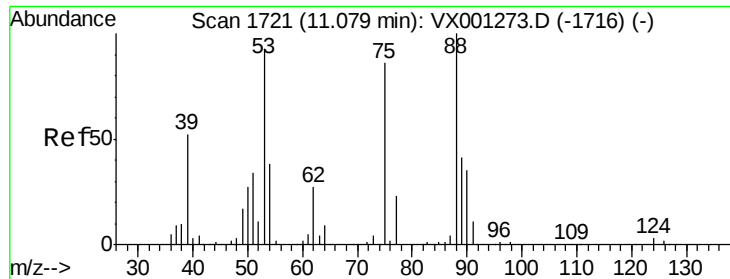
120 49.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.73 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0501WBSD01

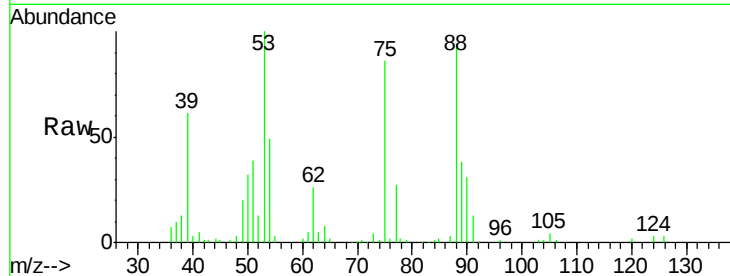
Tgt Ion: 75 Resp: 14276

Ion Ratio Lower Upper

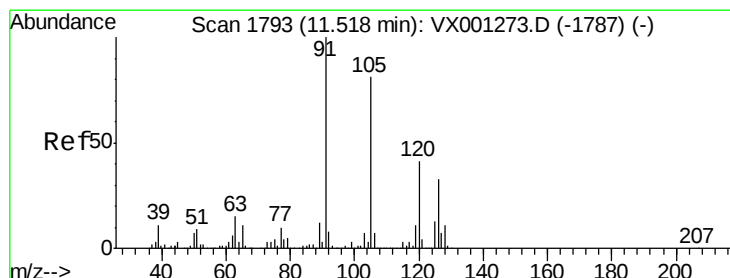
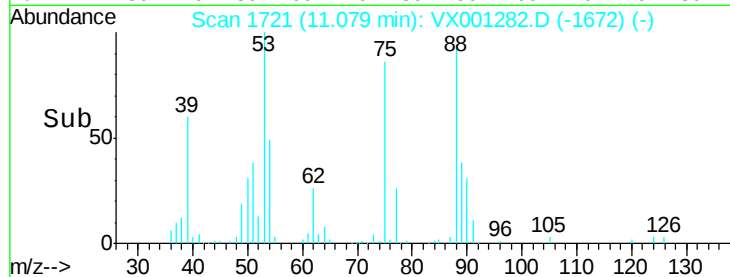
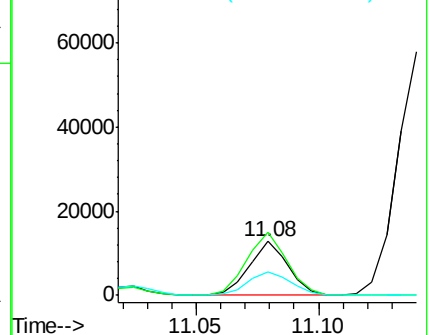
75 100

53 122.4 87.1 130.7

89 49.0 38.9 58.3



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: 19.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX001282.D

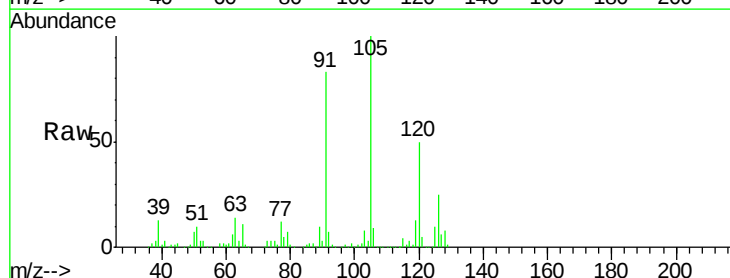
Acq: 01 May 2018 16:51

Tgt Ion: 91 Resp: 169273

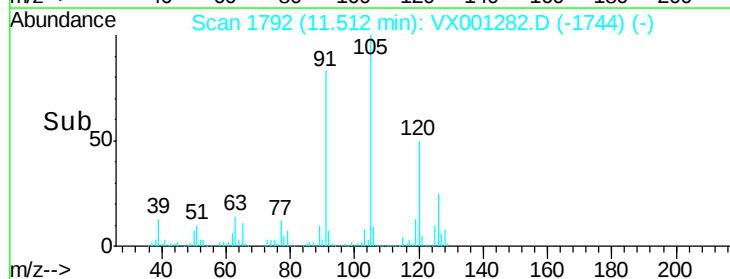
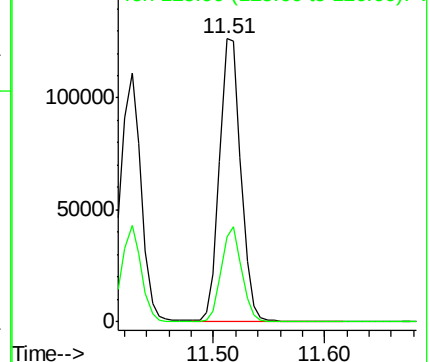
Ion Ratio Lower Upper

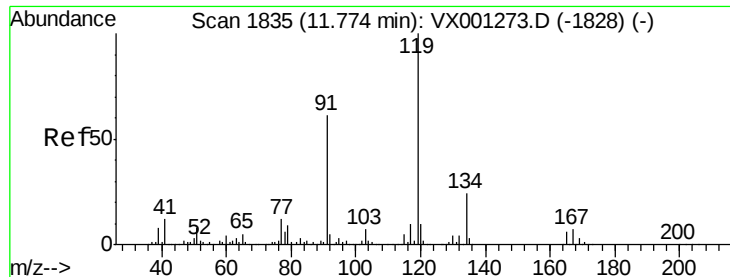
91 100

126 31.9 16.1 48.2



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

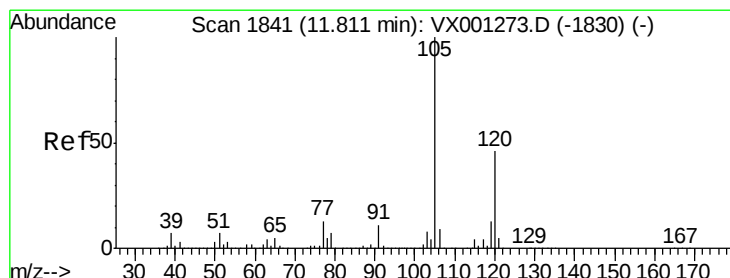
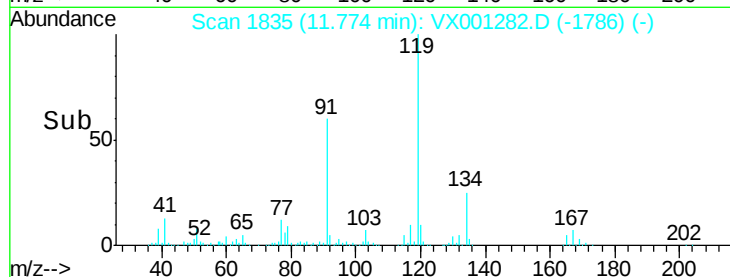
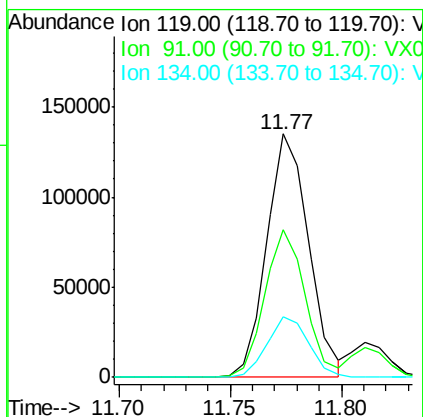
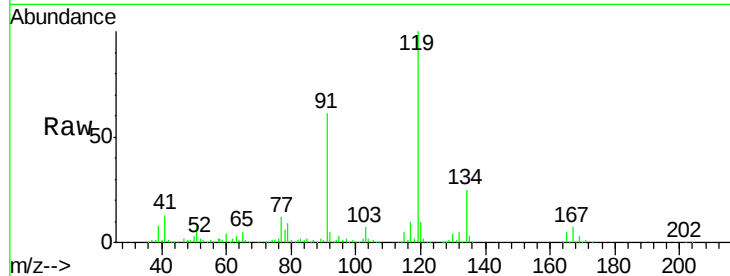




#83  
 tert-Butylbenzene  
 Concen: 19.80 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

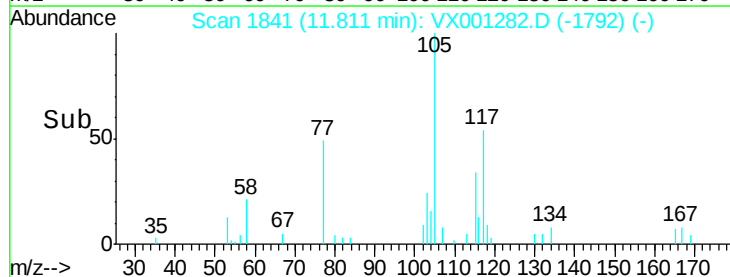
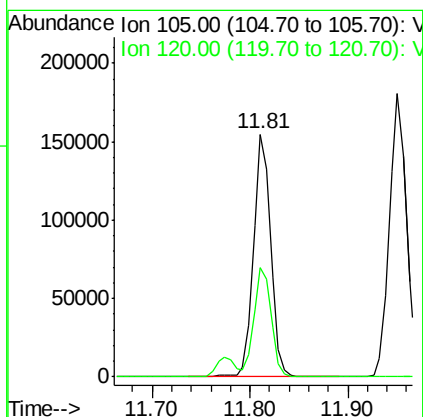
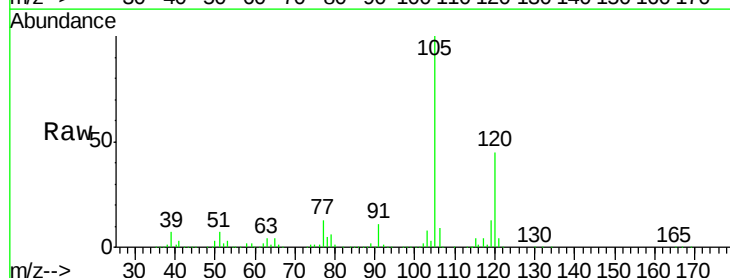
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0501WBSD01

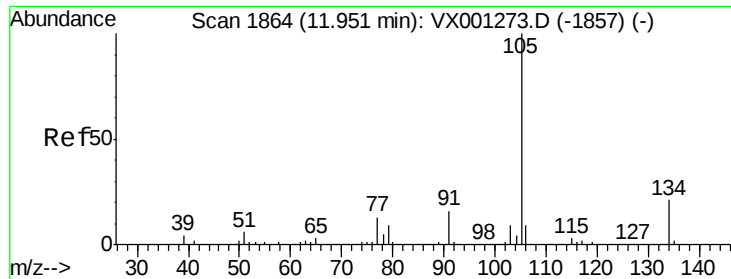
Tgt Ion:119 Resp: 176279  
 Ion Ratio Lower Upper  
 119 100  
 91 58.7 28.1 84.3  
 134 24.7 11.8 35.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.58 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion:105 Resp: 188267  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.7 68.1

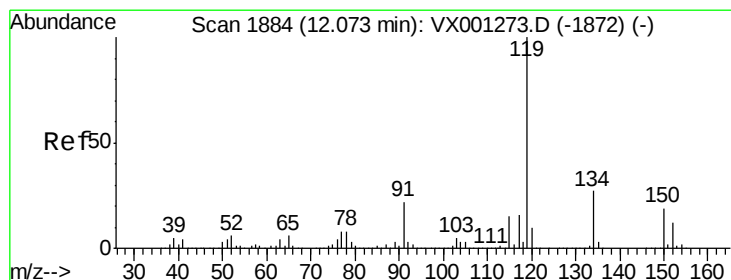
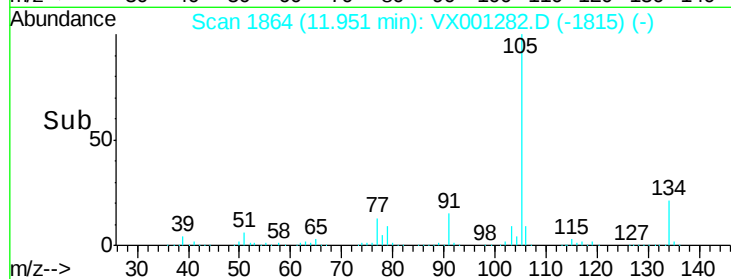
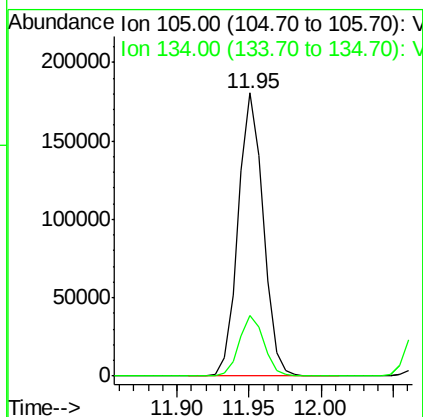
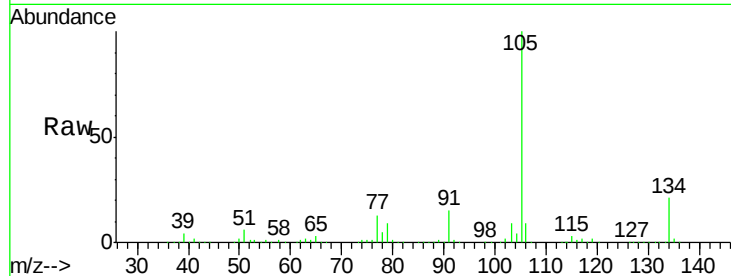




#85  
 sec-Butylbenzene  
 Concen: 20.56 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

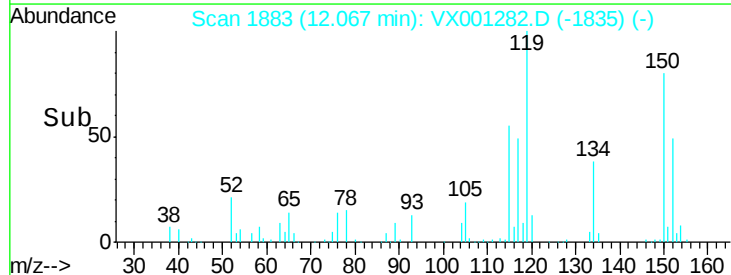
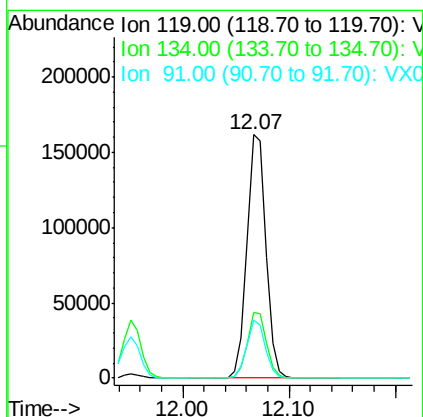
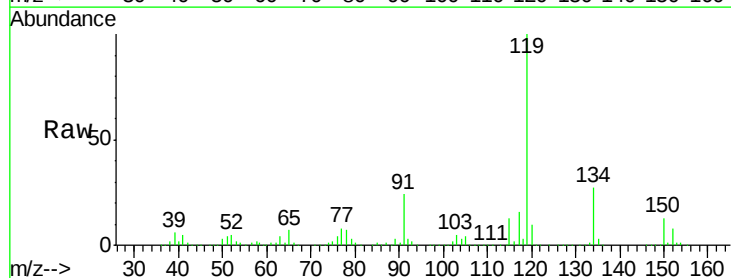
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

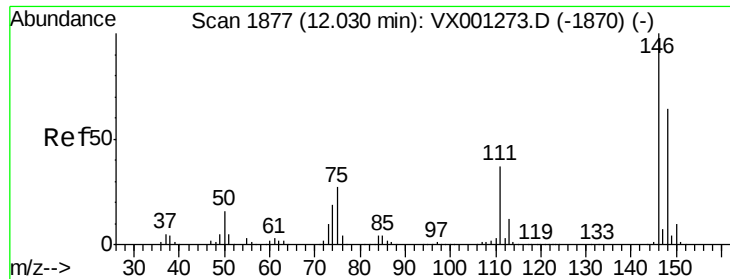
Tgt Ion:105 Resp: 219080  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 10.7 31.9



#86  
 p-Isopropyltoluene  
 Concen: 20.81 ug/l  
 RT: 12.07 min Scan# 1883  
 Delta R.T. -0.01 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion:119 Resp: 203350  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.6 40.7  
 91 23.2 11.7 35.1

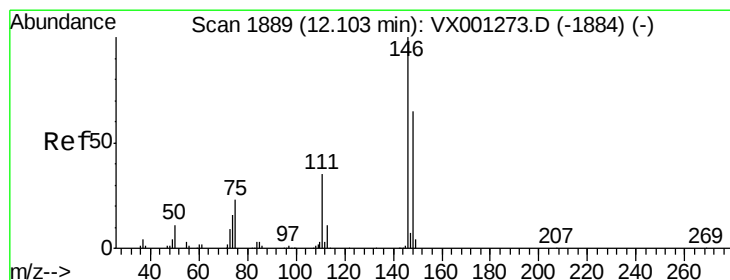
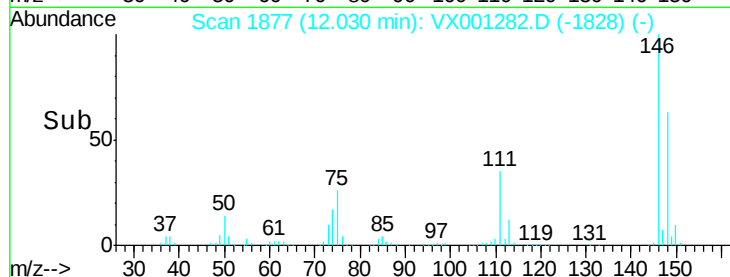
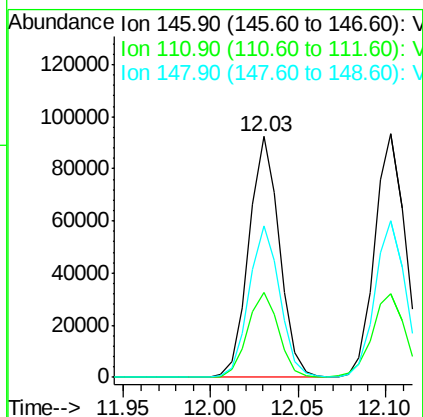
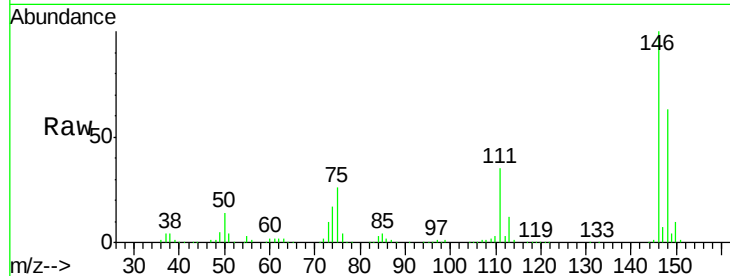




#87  
 1,3-Dichlorobenzene  
 Concen: 19.77 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

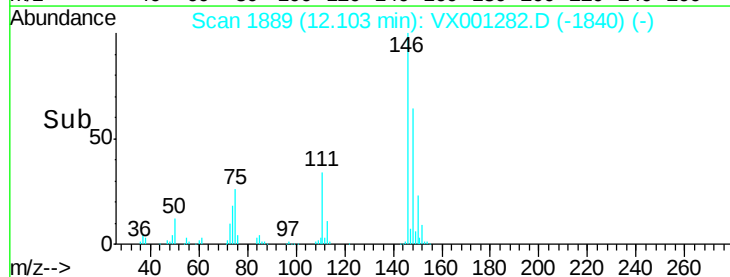
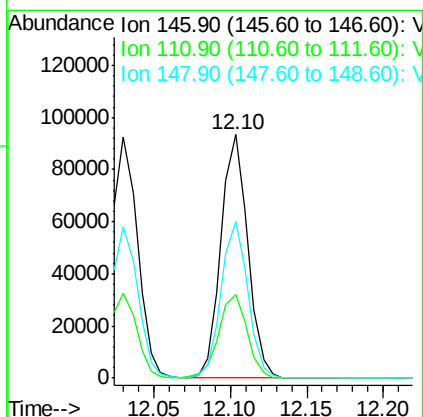
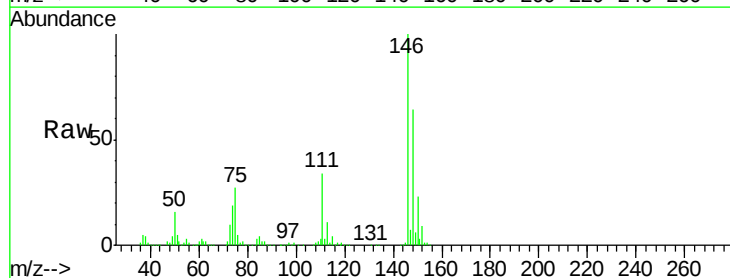
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

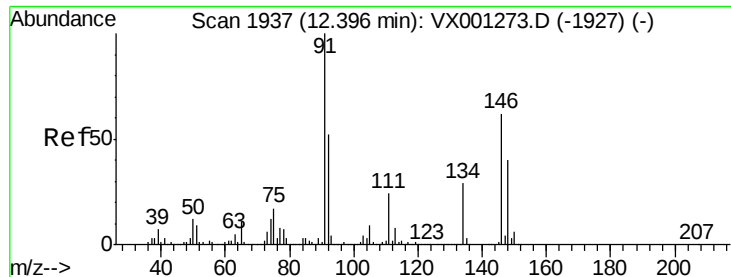
Tgt Ion:146 Resp: 113218  
 Ion Ratio Lower Upper  
 146 100  
 111 35.6 18.4 55.2  
 148 63.2 32.2 96.6



#88  
 1,4-Dichlorobenzene  
 Concen: 19.24 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion:146 Resp: 113571  
 Ion Ratio Lower Upper  
 146 100  
 111 36.7 17.9 53.7  
 148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 20.12 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampled :

VX0501WBSD01

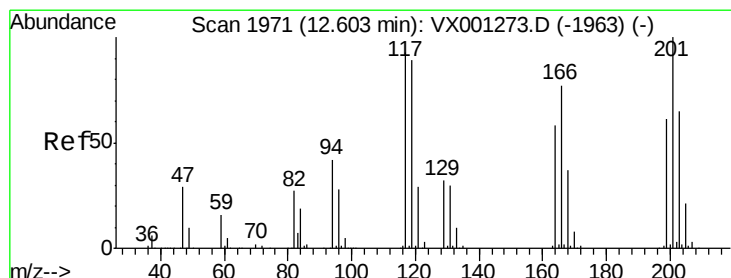
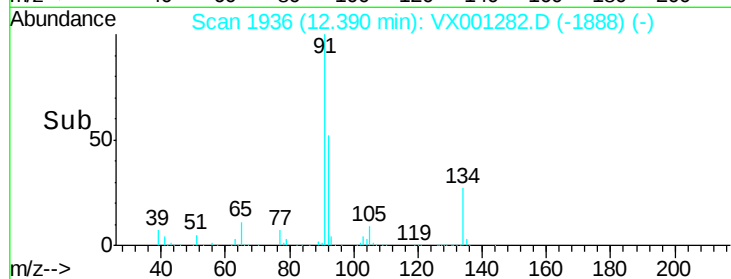
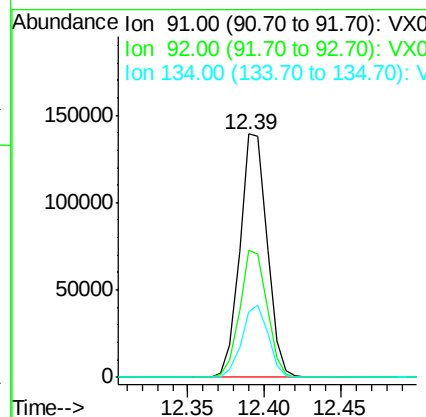
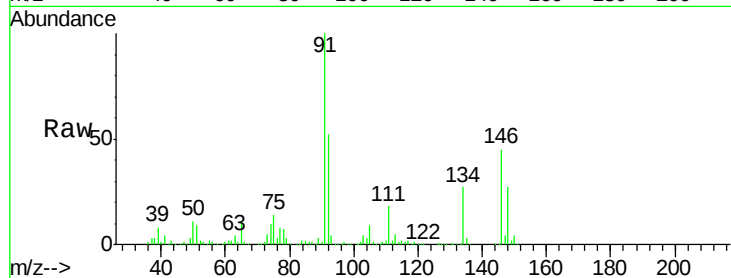
Tgt Ion: 91 Resp: 171584

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

134 28.8 14.0 42.0



#90

Hexachloroethane

Concen: 19.66 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001282.D

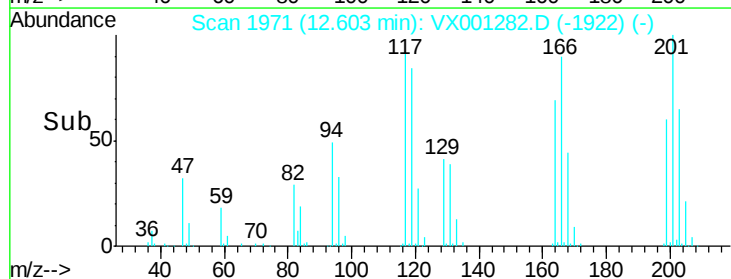
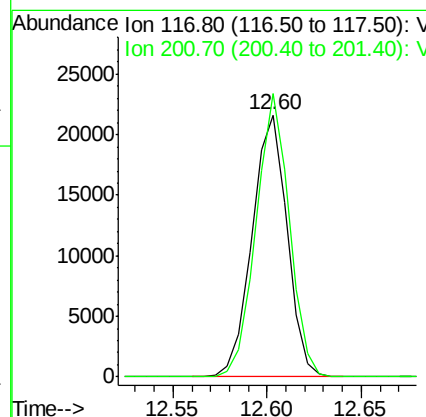
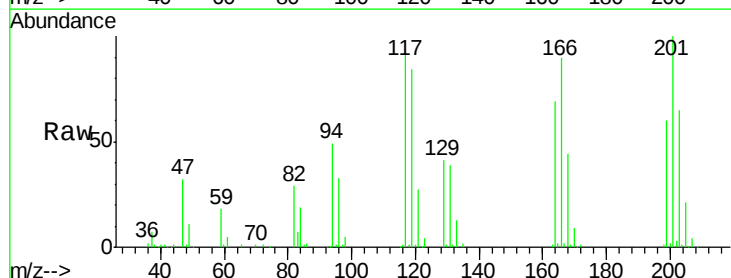
Acq: 01 May 2018 16:51

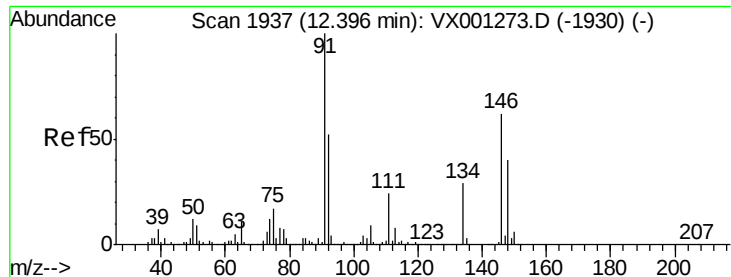
Tgt Ion: 117 Resp: 27817

Ion Ratio Lower Upper

117 100

201 102.5 51.6 154.8

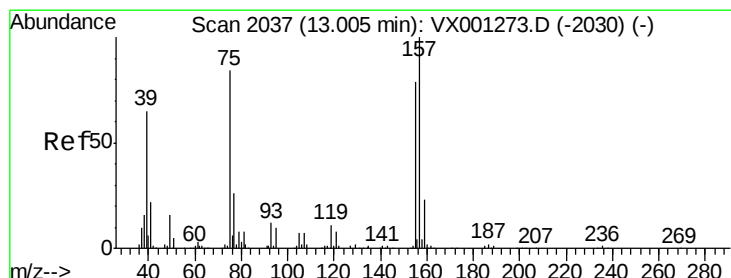
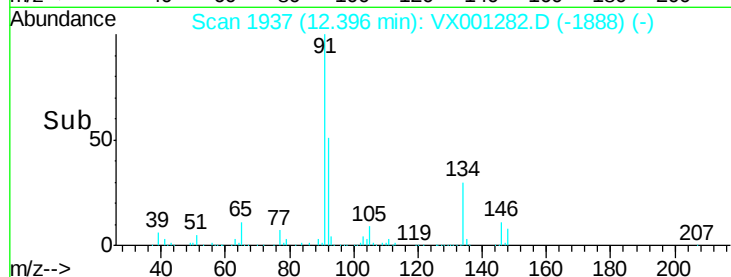
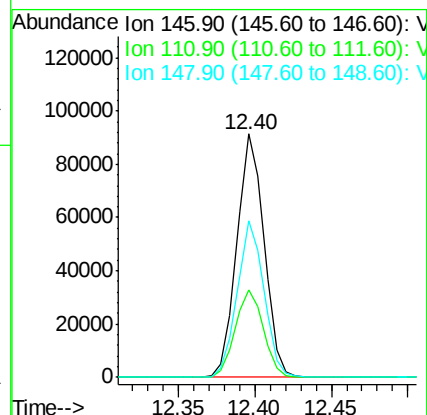
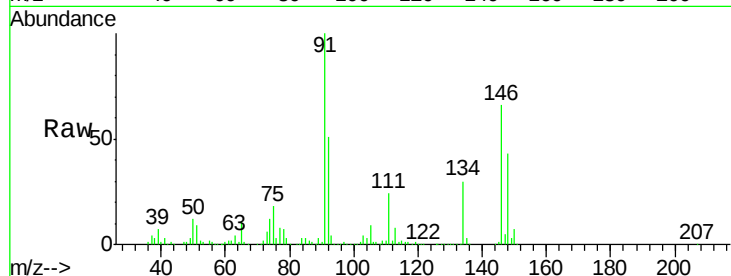




#91  
 1,2-Dichlorobenzene  
 Concen: 19.77 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

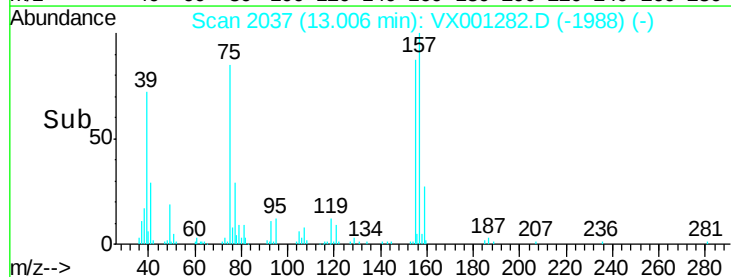
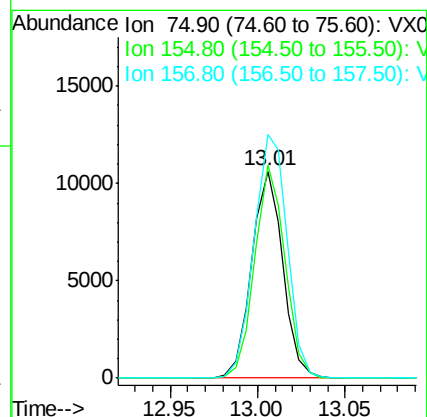
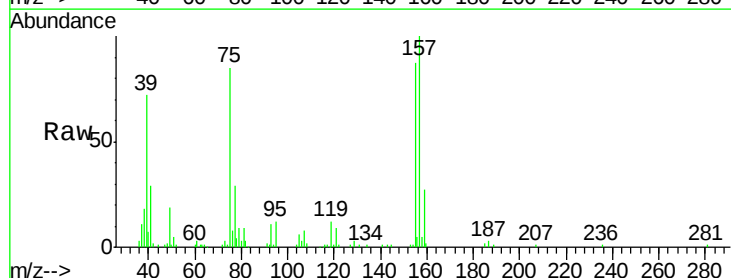
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

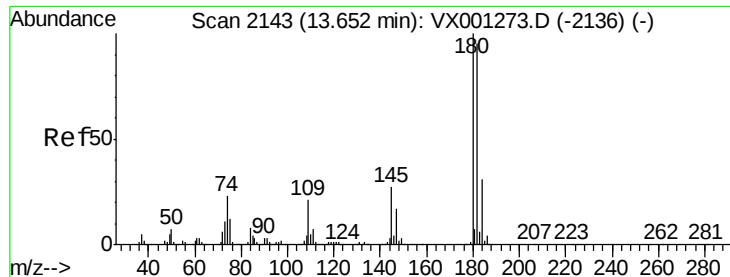
Tgt Ion: 146 Resp: 112682  
 Ion Ratio Lower Upper  
 146 100  
 111 37.1 18.9 56.5  
 148 63.4 32.4 97.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.53 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion: 75 Resp: 13218  
 Ion Ratio Lower Upper  
 75 100  
 155 100.0 49.9 149.7  
 157 125.7 63.7 191.1

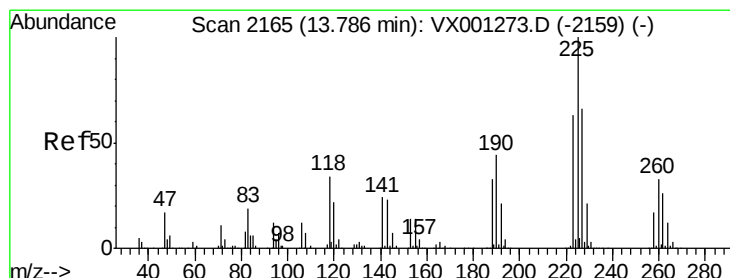
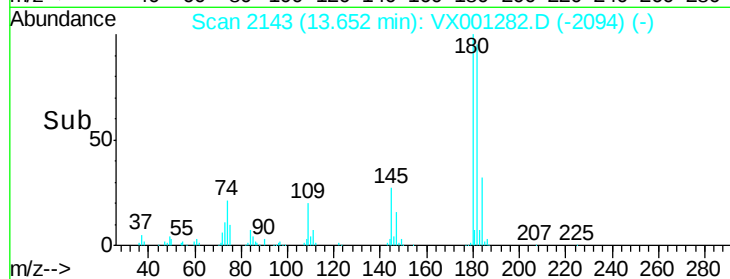
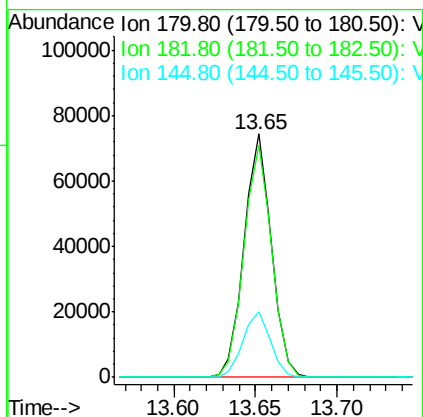
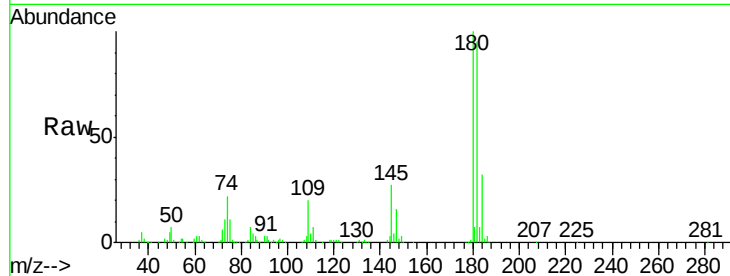




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.93 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

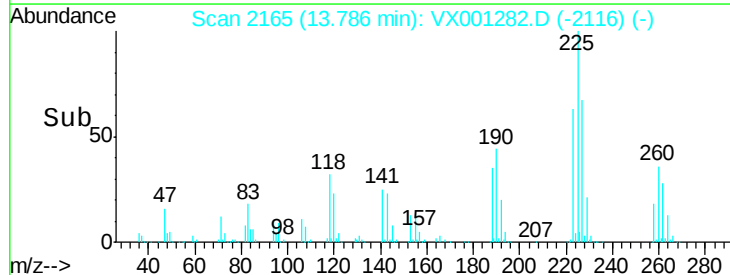
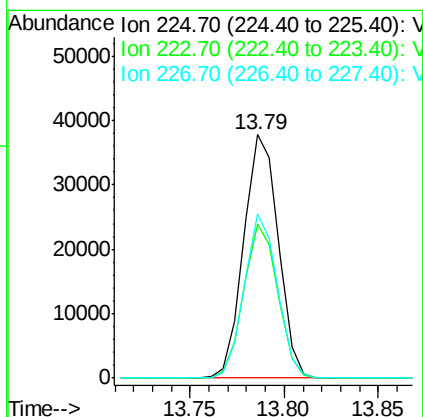
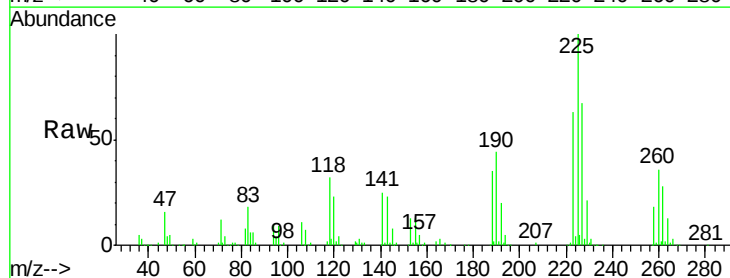
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0501WBSD01

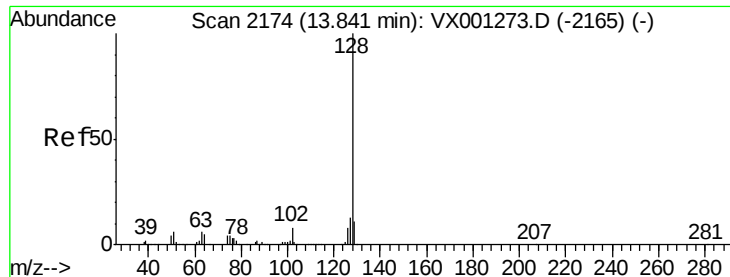
Tgt Ion:180 Resp: 86774  
 Ion Ratio Lower Upper  
 180 100  
 182 97.1 47.3 141.9  
 145 27.3 13.5 40.4



#94  
 Hexachlorobutadiene  
 Concen: 20.09 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX001282.D  
 Acq: 01 May 2018 16:51

Tgt Ion:225 Resp: 48191  
 Ion Ratio Lower Upper  
 225 100  
 223 62.1 31.4 94.0  
 227 64.3 32.5 97.5





#95

Naphthalene

Concen: 20.36 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA\_X

ClientSampled :

VX0501WBSD01

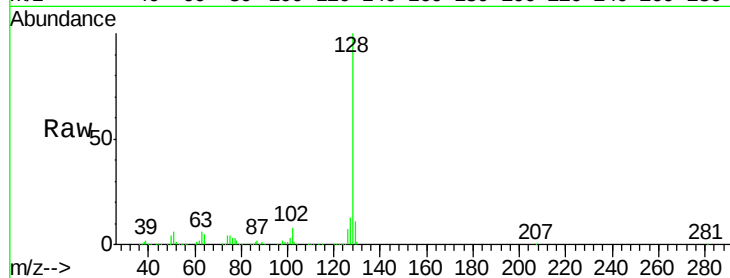
Tgt Ion:128 Resp: 236839

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

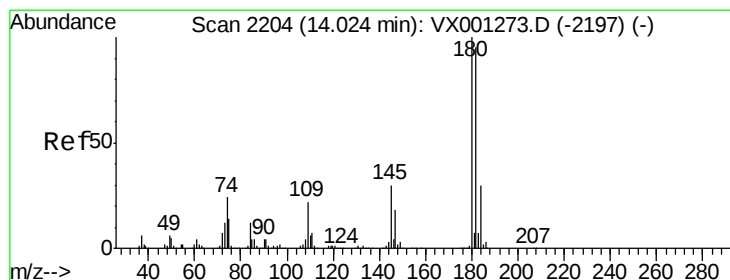
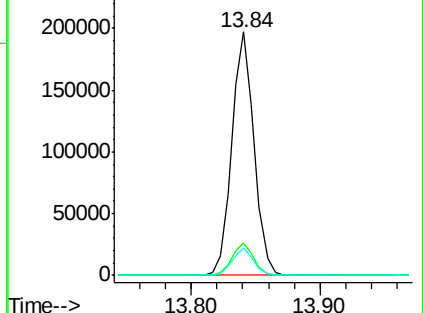
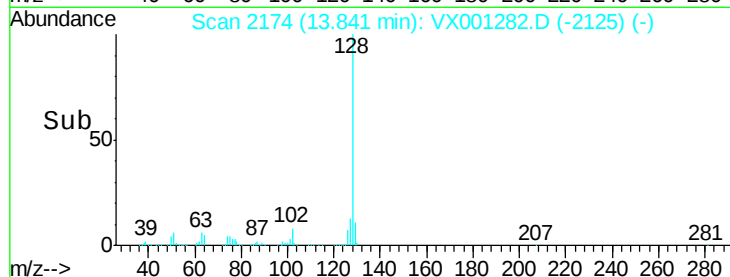
129 10.9 8.7 13.1



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: 19.76 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

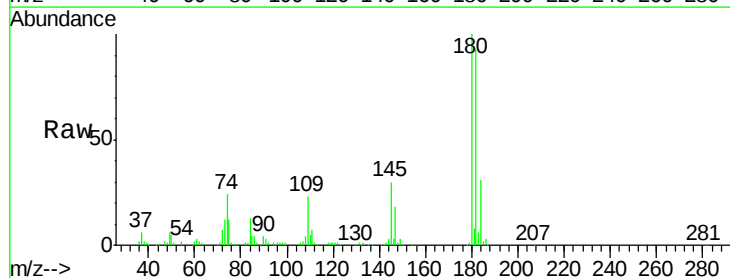
Tgt Ion:180 Resp: 88930

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.3

145 28.8 14.4 43.4



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

