

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\  
 Data File : VX006613.D  
 Acq On : 18 Dec 2018 22:58  
 Operator : JC/MD  
 Sample : VX1218WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1218WBSD02

Quant Time: Dec 19 06:04:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:23:17 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 604327   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 956688   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 880216   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 440484   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 327567   | 50.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.58% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 290971   | 48.10 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.20%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 1112036  | 48.76 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.52%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 407725   | 48.81 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.62%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 106005  | 19.174  | ug/l | 100    |
| 3) Chloromethane              | 1.33 | 50  | 112728  | 18.926  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 123928  | 19.922  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 126776  | 20.716  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 79945   | 18.560  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 191167  | 19.711  | ug/l | 100    |
| 8) Diethyl Ether              | 2.19 | 74  | 74078   | 19.230  | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 109266  | 19.188  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 164944  | 20.235  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 154974  | 106.617 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 103408  | 19.151  | ug/l | 96     |
| 13) Acrolein                  | 2.30 | 56  | 90141   | 91.926  | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 170904  | 18.804  | ug/l | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 330554  | 102.422 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 272806  | 91.168  | ug/l | 96     |
| 17) Carbon Disulfide          | 2.57 | 76  | 252121  | 17.644  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 181616  | 20.641  | ug/l | 94     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 368023  | 20.536  | ug/l | 98     |
| 20) Methylene Chloride        | 2.86 | 84  | 122784  | 19.843  | ug/l | 92     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 113473  | 18.967  | ug/l | 92     |
| 22) Diisopropyl ether         | 3.87 | 45  | 328139  | 19.735  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1311254 | 96.413  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 190680  | 19.211  | ug/l | 98     |
| 25) 2-Butanone                | 4.70 | 43  | 410893  | 97.620  | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 116197  | 15.155  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 129002  | 19.544  | ug/l | 96     |
| 28) Bromochloromethane        | 5.02 | 49  | 91314   | 20.740  | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 280687  | 101.248 | ug/l | 99     |
| 30) Chloroform                | 5.21 | 83  | 200275  | 19.485  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 172066  | 19.082  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 165923  | 19.118  | ug/l | 97     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 147986  | 18.677  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 158194  | 19.182  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 139093  | 18.063  | ug/l | 97     |

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 Sample : VX1218WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1218WBSD02

Quant Time: Dec 19 06:04:30 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:23:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 189800   | 18.195  | ug/l   | 100      |
| 40) Benzene                    | 6.14  | 78   | 462049   | 19.184  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.06  | 41   | 88821    | 19.166  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 155711   | 18.973  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 243360   | 19.394  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 135122   | 18.536  | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 113557   | 19.375  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 81360    | 18.872  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.90  | 83   | 130815   | 18.277  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 125301   | 19.636  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 68568    | 398.736 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 805672   | 100.910 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 299616   | 19.256  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 131291   | 17.103  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 153184   | 18.187  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 124895   | 19.610  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 172159   | 19.125  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 196291   | 19.156  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 481141   | 100.552 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 595312   | 97.453  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 106553   | 17.577  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 131543   | 19.429  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 133649   | 19.175  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 353142   | 18.964  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 109274   | 18.808  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 572491   | 18.814  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 459717   | 38.287  | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 228123   | 19.240  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 360117   | 19.198  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 75910    | 17.653  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 593664   | 19.701  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 209583   | 19.430  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 177119   | 19.763  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 187970   | 24.348  | ug/l   | 86       |
| 77) Bromobenzene               | 11.26 | 156  | 157468   | 19.328  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 646071   | 19.469  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 390287   | 19.408  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 491263   | 19.793  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 34743    | 16.055  | ug/l # | 70       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 449819   | 19.500  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 479734   | 19.312  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 508331   | 19.471  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 592458   | 19.452  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 526706   | 19.673  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 282567   | 19.245  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 278811   | 18.501  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.39 | 91   | 429891   | 18.867  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 66798    | 18.185  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 280896   | 19.124  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 33101    | 17.850  | ug/l   | 94       |

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Acq On : 18 Dec 2018 22:58  
Operator : JC/MD  
Sample : VX1218WBSD02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

Quant Time: Dec 19 06:04:30 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 18 13:23:17 2018  
Response via : Initial Calibration

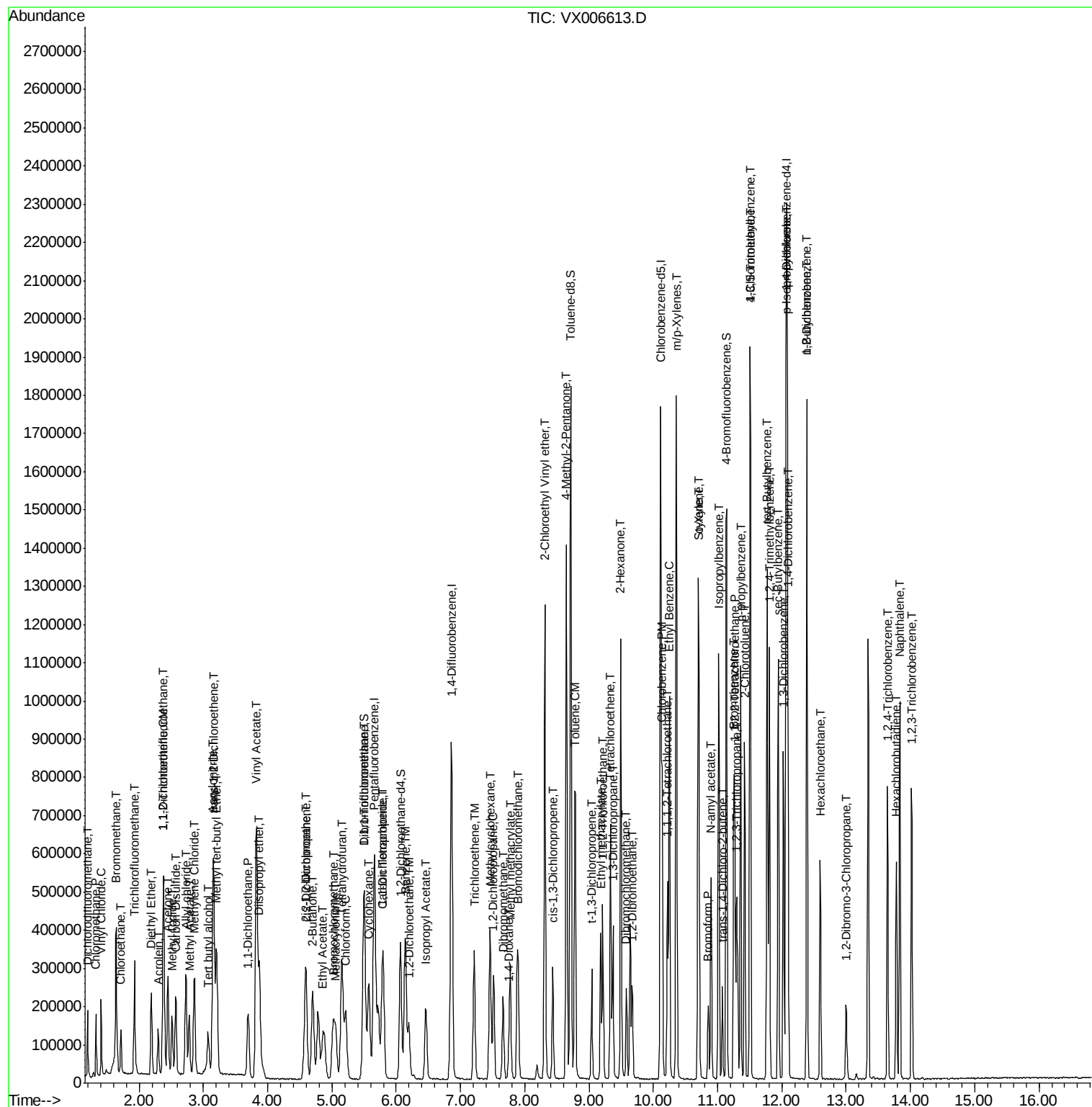
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 186763   | 18.434 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 81557    | 17.078 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 614886   | 19.015 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 196089   | 18.745 | ug/l  | 97       |

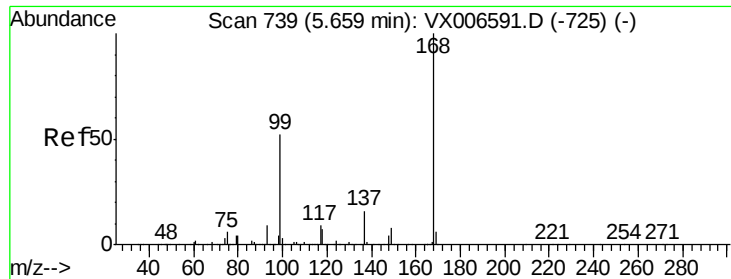
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121818\  
Data File : VX006613.D  
Acq On : 18 Dec 2018 22:58  
Operator : JC/MD  
Sample : VX1218WBSD02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
Client Sample ID :  
VX1218WBSD02

Quant Time: Dec 19 06:04:30 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 18 13:23:17 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

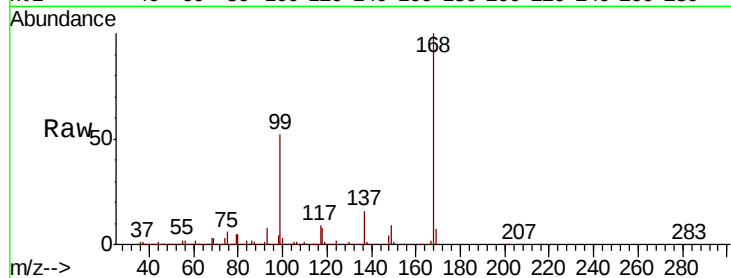
VX1218WBSD02

Tot Ion:168 Resp: 604327

Ion Ratio Lower Upper

168 100

99 52.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

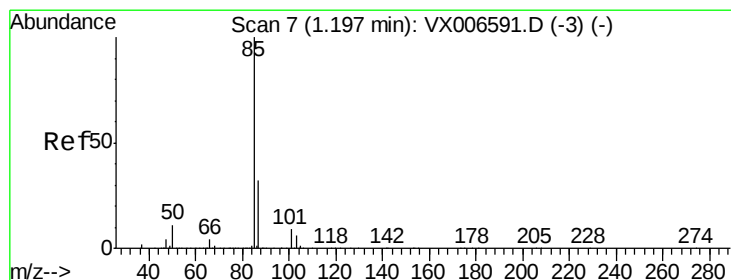
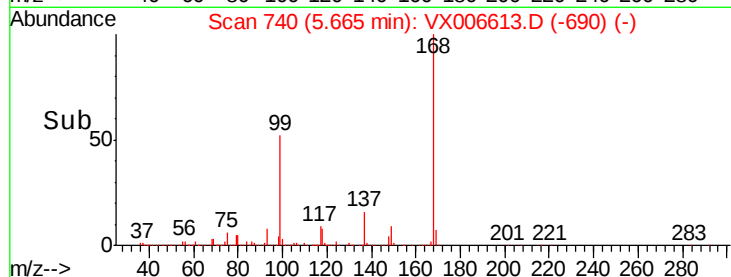
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.174 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006613.D

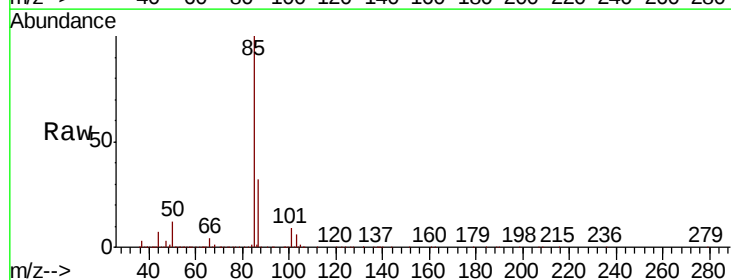
Acq: 18 Dec 2018 22:58

Tgt Ion: 85 Resp: 106005

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

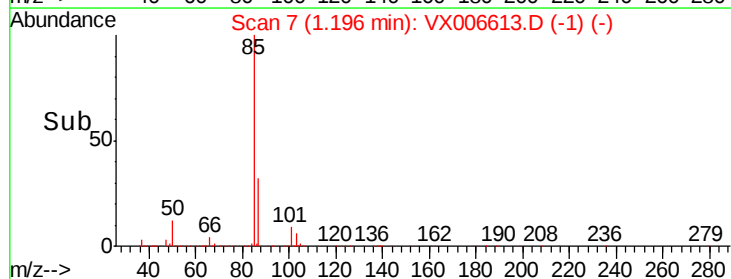
40000

20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.926 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

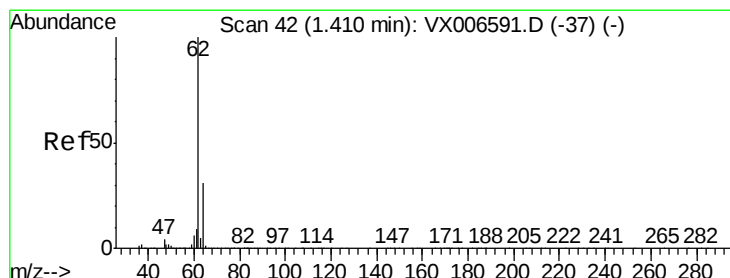
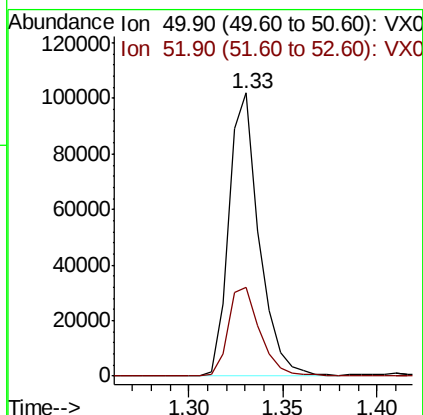
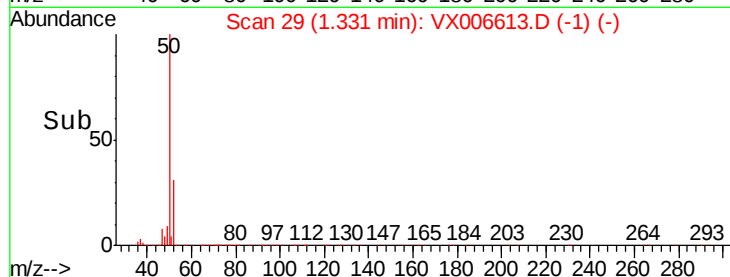
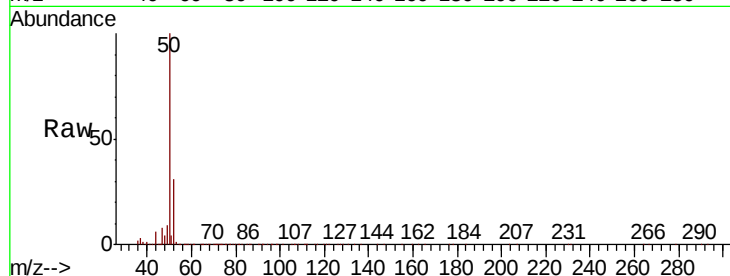
VX1218WBSD02

Tot Ion: 50 Resp: 112728

Ion Ratio Lower Upper

50 100

52 31.0 25.2 37.8



#4

Vinyl Chloride

Concen: 19.922 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006613.D

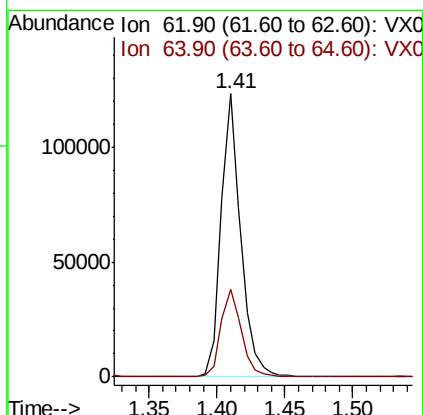
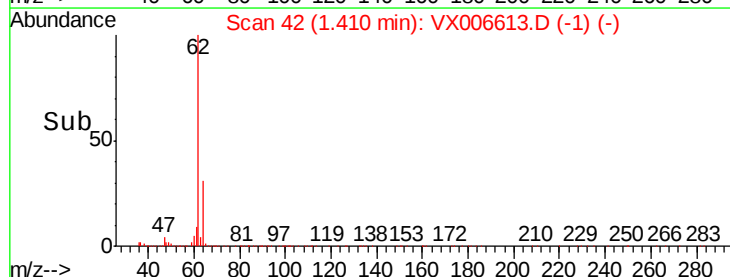
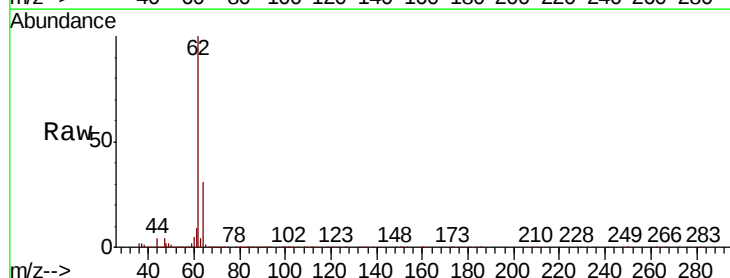
Acq: 18 Dec 2018 22:58

Tgt Ion: 62 Resp: 123928

Ion Ratio Lower Upper

62 100

64 30.6 24.9 37.3





#5

Bromomethane

Concen: 20.716 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

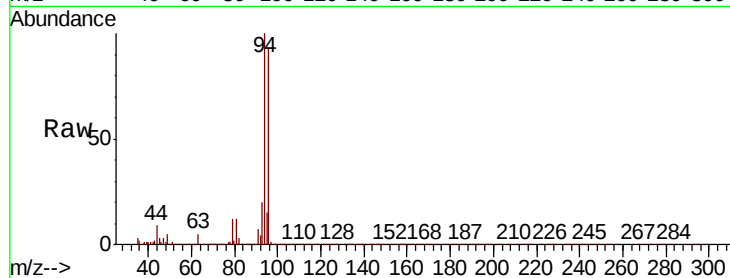
VX1218WBSD02

Tot Ion: 94 Resp: 126776

Ion Ratio Lower Upper

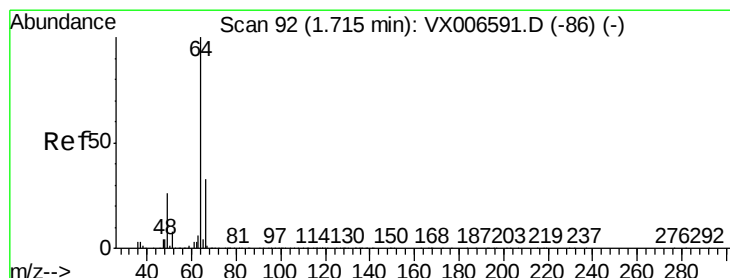
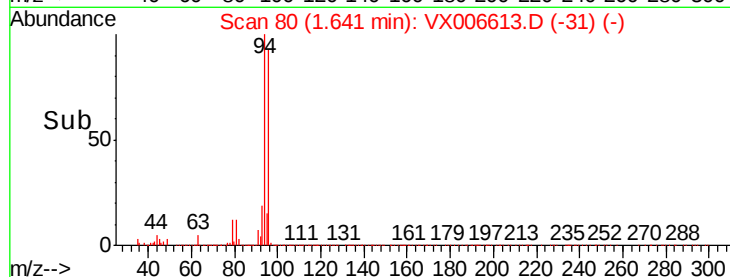
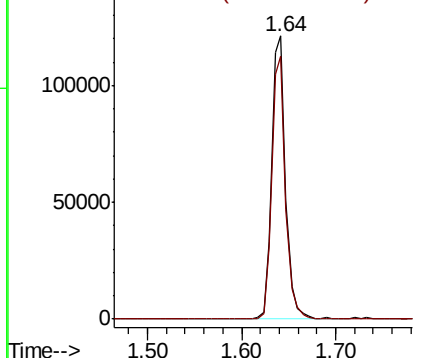
94 100

96 92.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.560 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006613.D

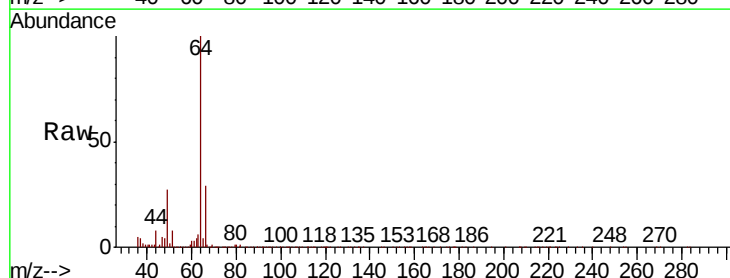
Acq: 18 Dec 2018 22:58

Tgt Ion: 64 Resp: 79945

Ion Ratio Lower Upper

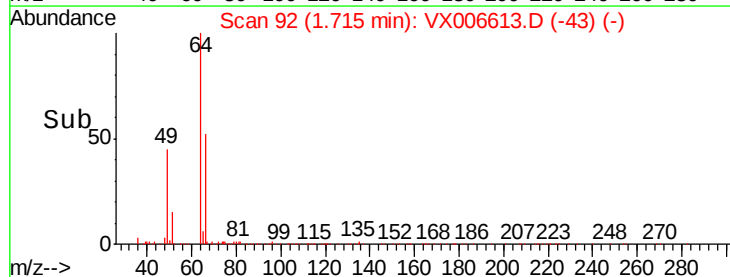
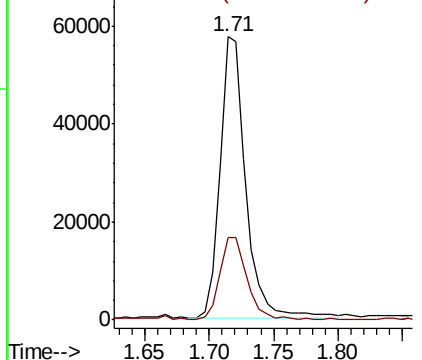
64 100

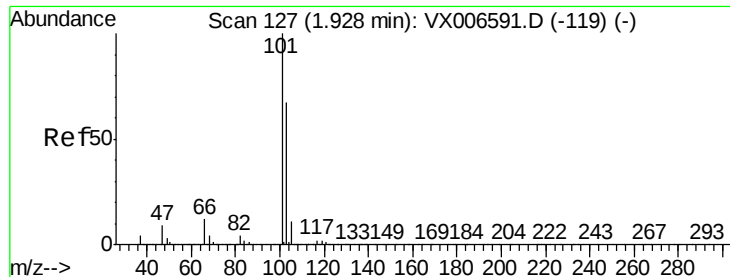
66 29.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



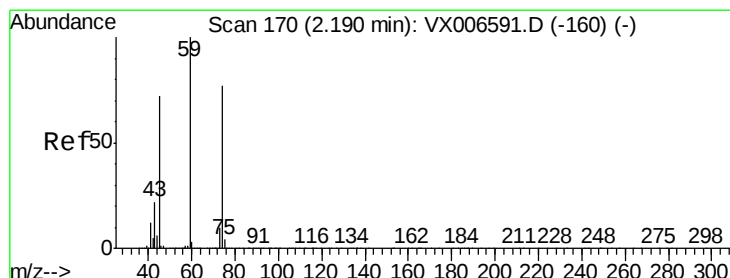
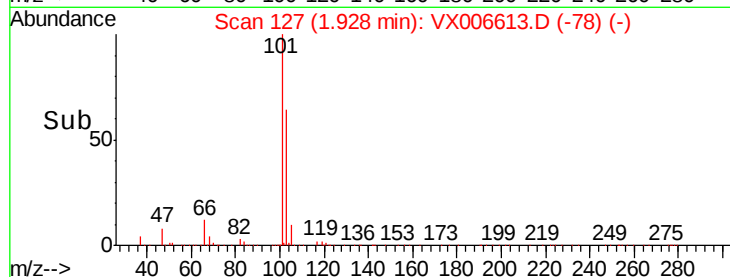
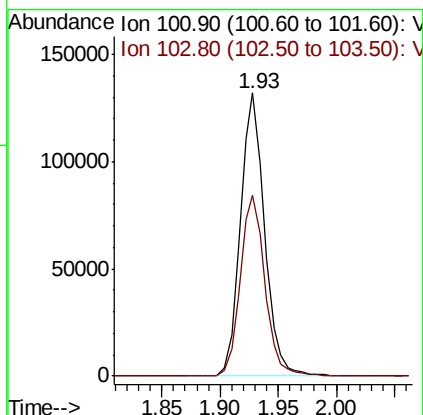
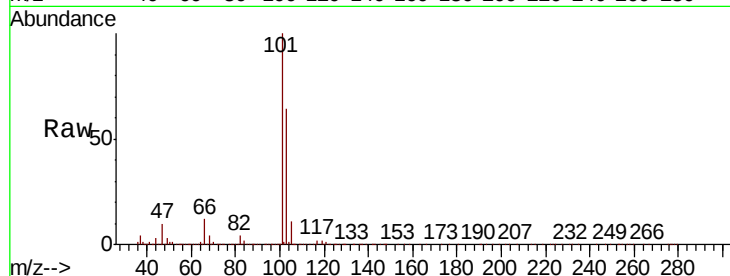


#7

Trichlorofluoromethane  
Concen: 19.711 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

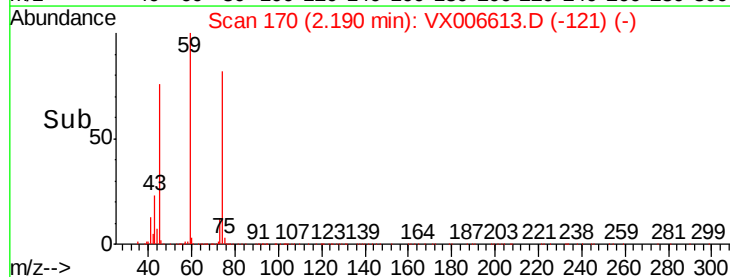
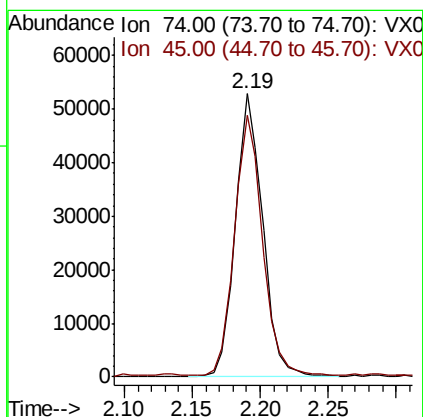
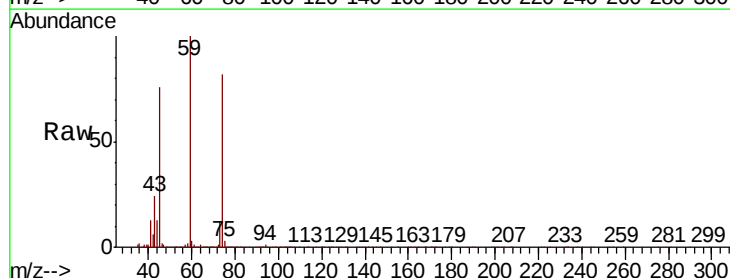
Tot Ion:101 Resp: 191167  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.0 76.4

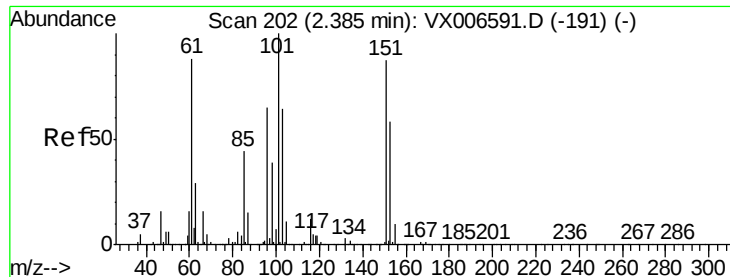


#8

Diethyl Ether  
Concen: 19.230 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion: 74 Resp: 74078  
Ion Ratio Lower Upper  
74 100  
45 93.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.188 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

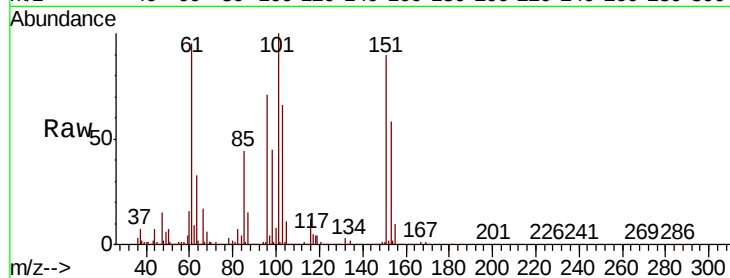
Tot Ion:101 Resp: 109266

Ion Ratio Lower Upper

101 100

85 44.5 35.5 53.3

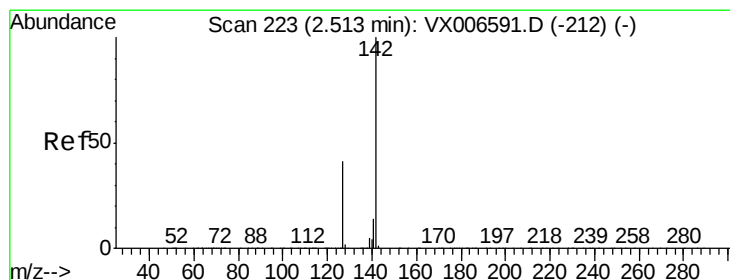
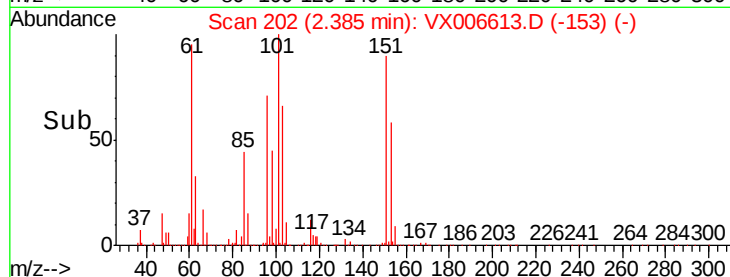
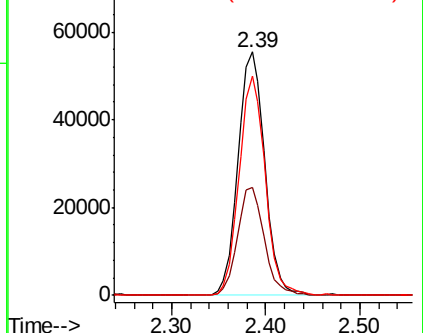
151 88.6 68.6 103.0



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: 20.235 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

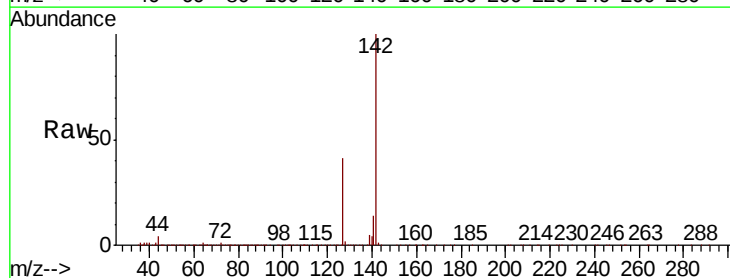
Tgt Ion:142 Resp: 164944

Ion Ratio Lower Upper

142 100

127 42.3 34.8 52.2

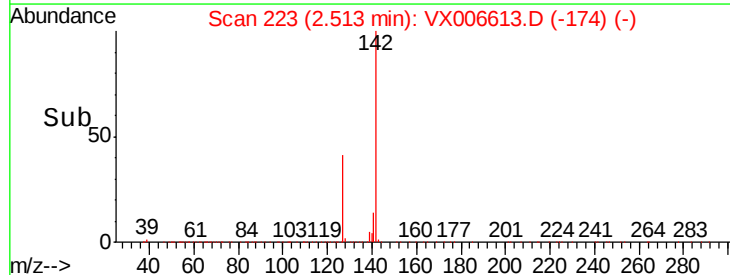
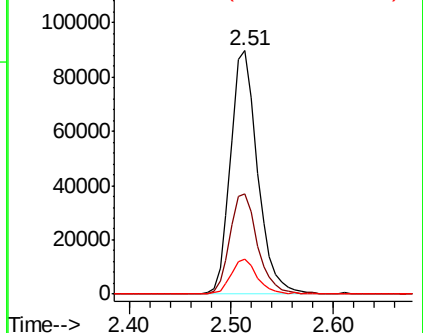
141 14.0 11.4 17.2

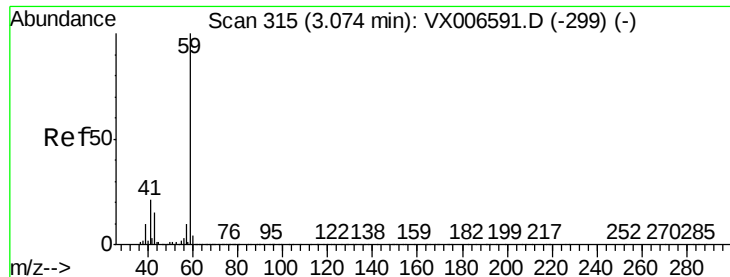


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



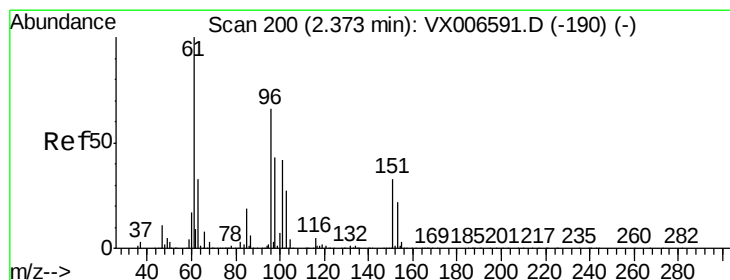
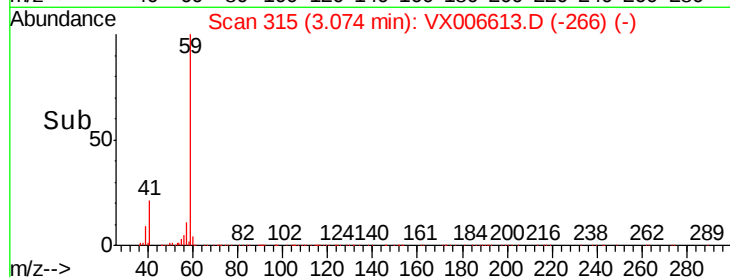
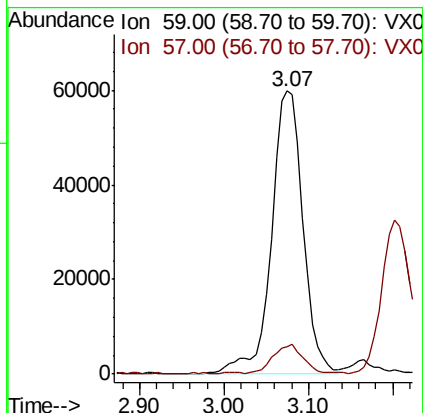
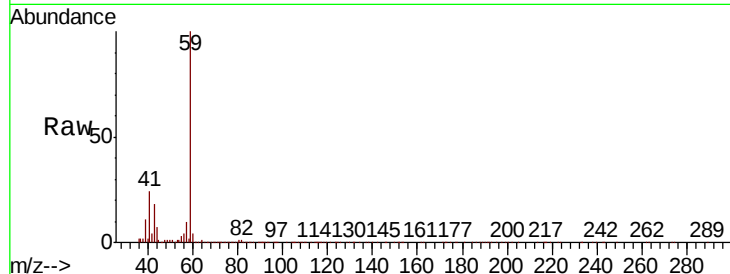


#11

Tert butyl alcohol  
 Concen: 106.617 ug/l  
 RT: 3.07 min Scan# 315  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1218WBSD02

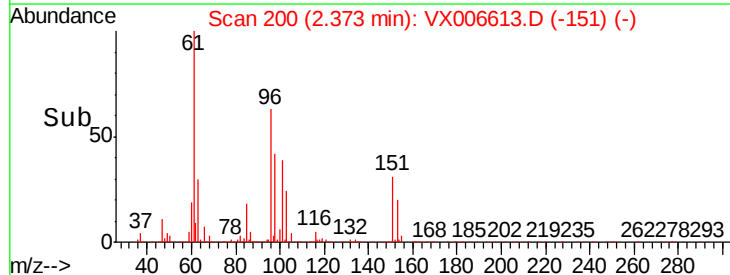
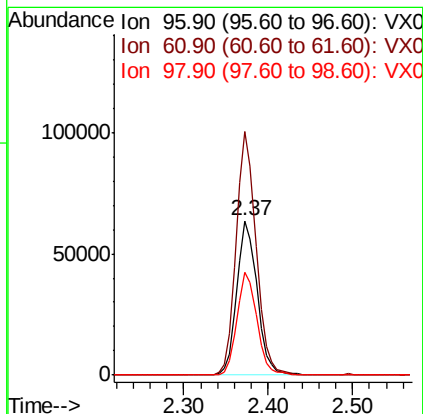
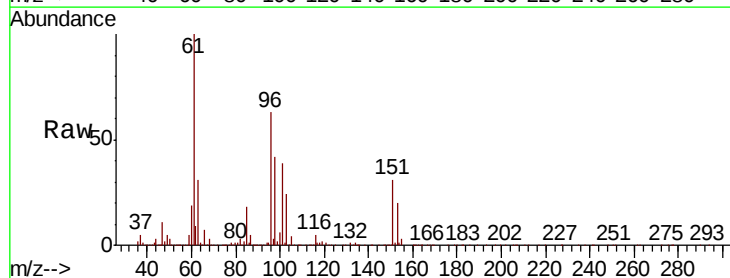
Tot Ion: 59 Resp: 154974  
 Ion Ratio Lower Upper  
 59 100  
 57 9.4 8.2 12.2

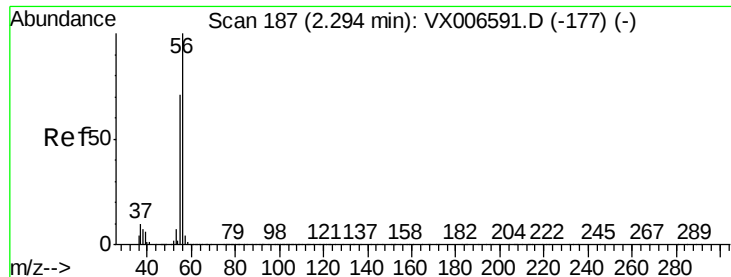


#12

1,1-Dichloroethene  
 Concen: 19.151 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Tgt Ion: 96 Resp: 103408  
 Ion Ratio Lower Upper  
 96 100  
 61 157.9 131.7 197.5  
 98 66.2 51.8 77.6





#13

Acrolein

Concen: 91.926 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

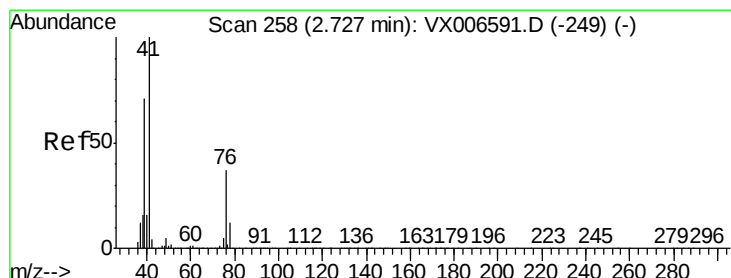
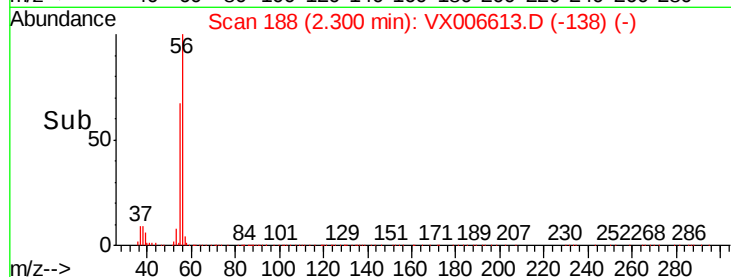
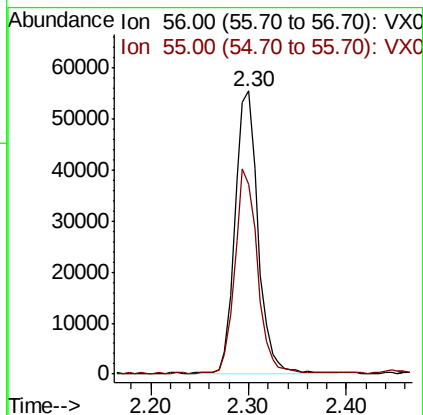
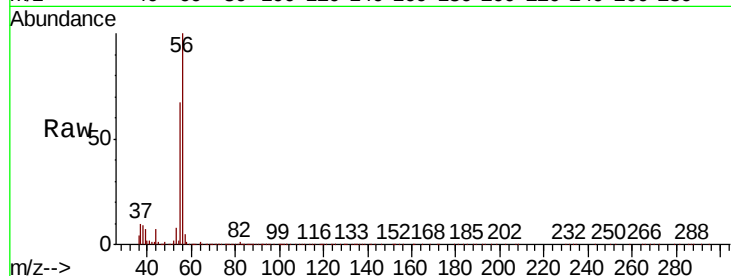
VX1218WBSD02

Tot Ion: 56 Resp: 90141

Ion Ratio Lower Upper

56 100

55 70.5 57.8 86.6



#14

Allyl chloride

Concen: 18.804 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

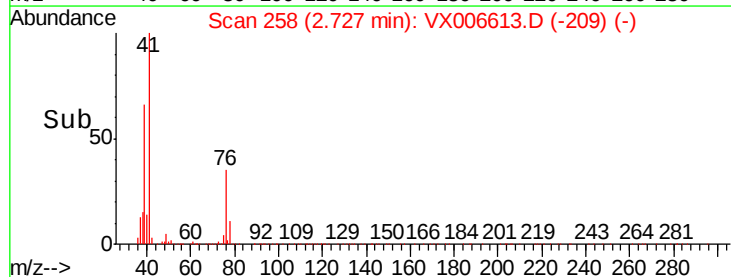
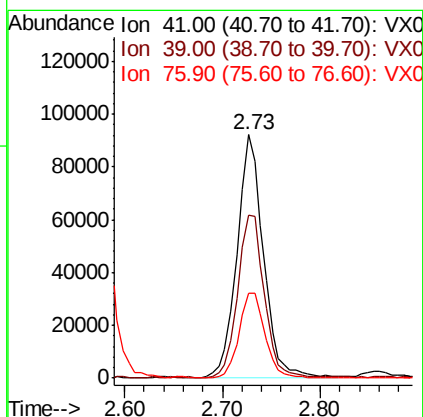
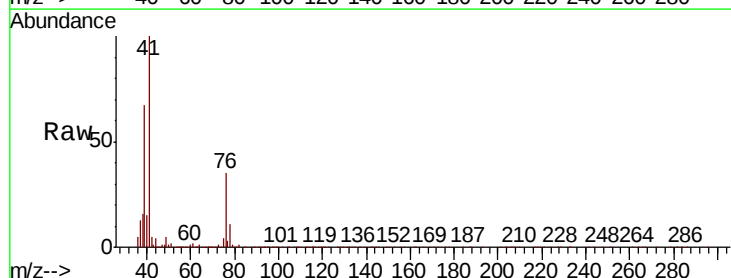
Tgt Ion: 41 Resp: 170904

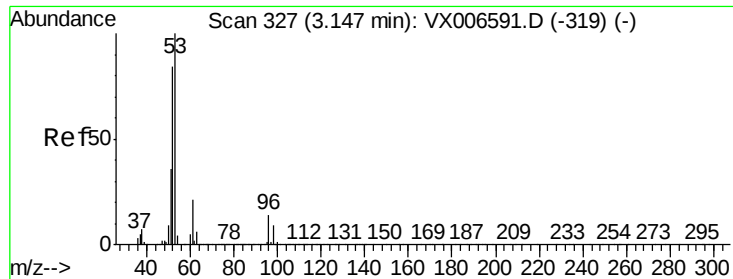
Ion Ratio Lower Upper

41 100

39 67.2 52.4 78.6

76 34.6 25.4 38.0





#15

Acrylonitrile

Concen: 102.422 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

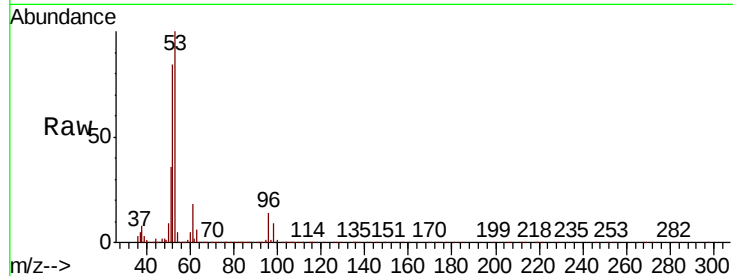
Tot Ion: 53 Resp: 330554

Ion Ratio Lower Upper

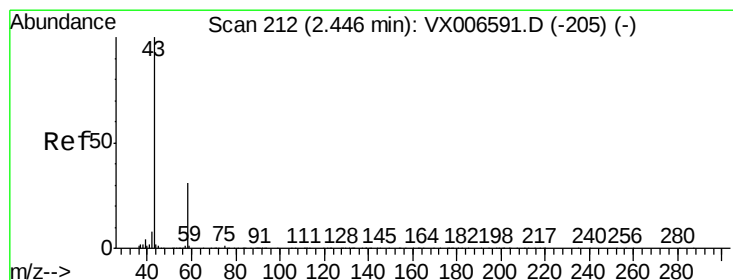
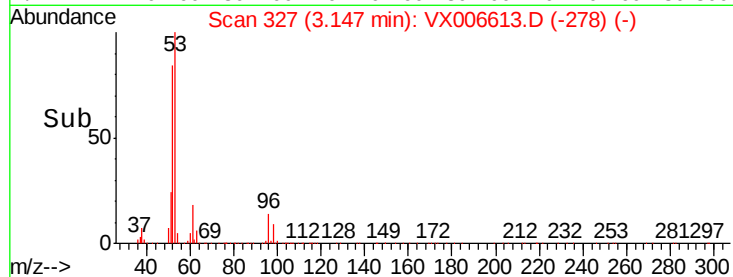
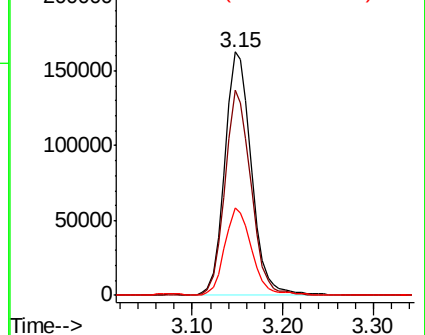
53 100

52 82.0 66.2 99.4

51 36.5 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.168 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006613.D

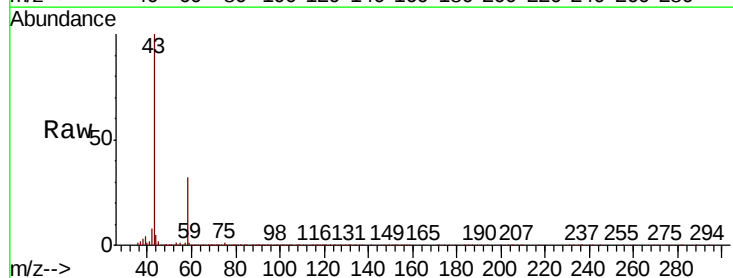
Acq: 18 Dec 2018 22:58

Tgt Ion: 43 Resp: 272806

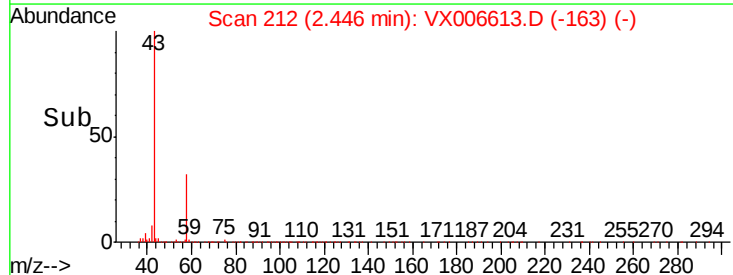
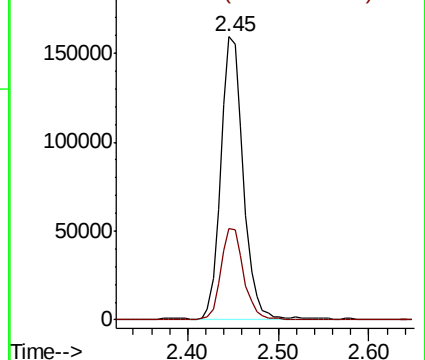
Ion Ratio Lower Upper

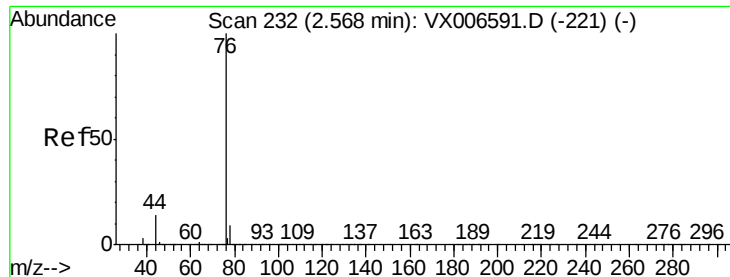
43 100

58 32.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

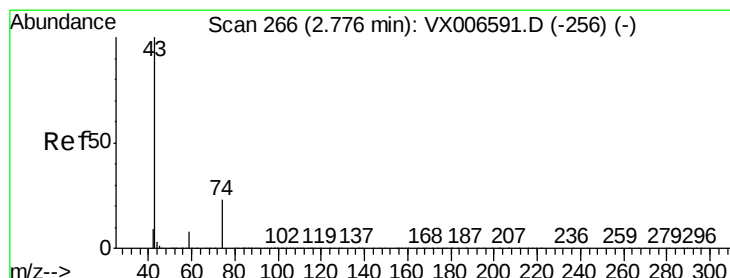
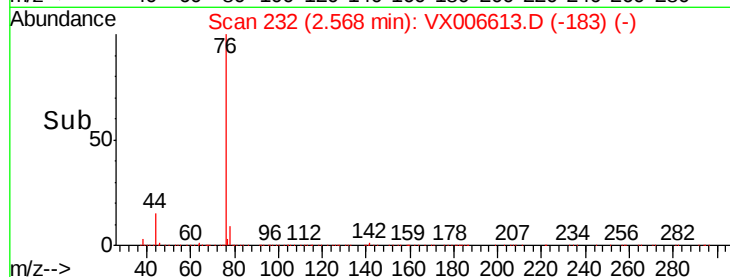
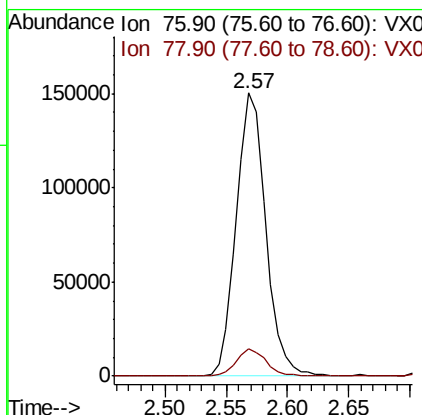
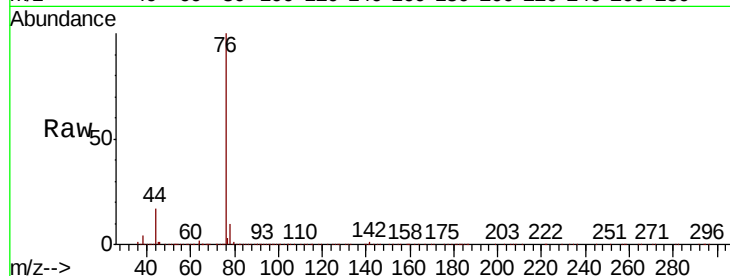




#17  
Carbon Disulfide  
Concen: 17.644 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

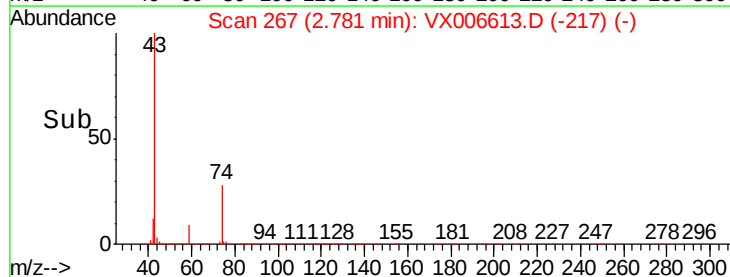
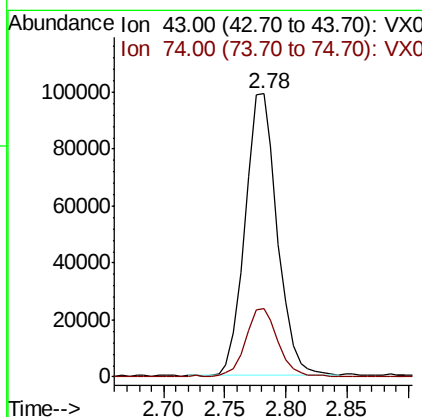
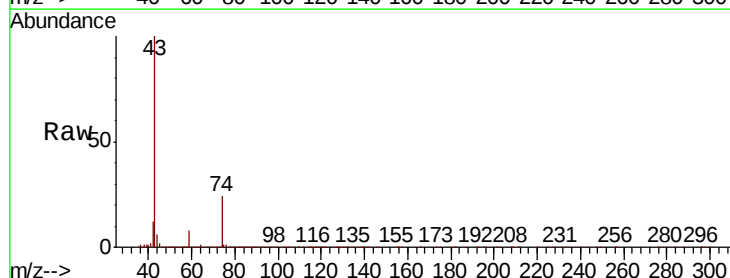
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

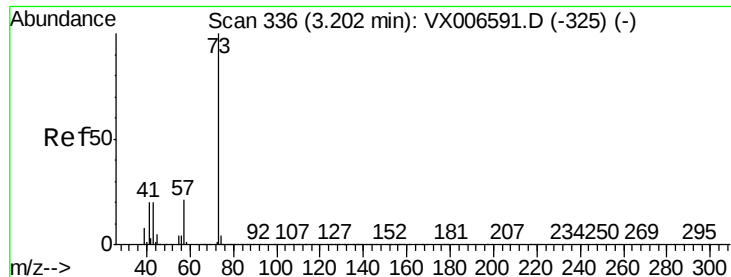
Tot Ion: 76 Resp: 252121  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.1 10.7



#18  
Methyl Acetate  
Concen: 20.641 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.01 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion: 43 Resp: 181616  
Ion Ratio Lower Upper  
43 100  
74 25.2 17.9 26.9



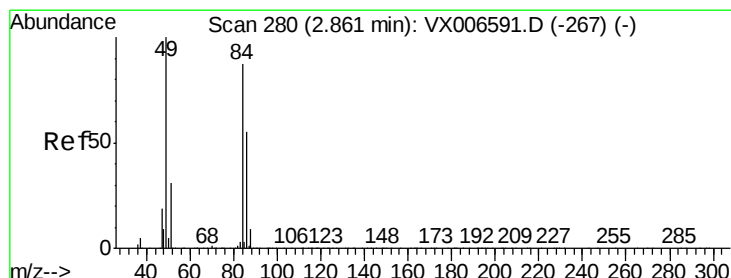
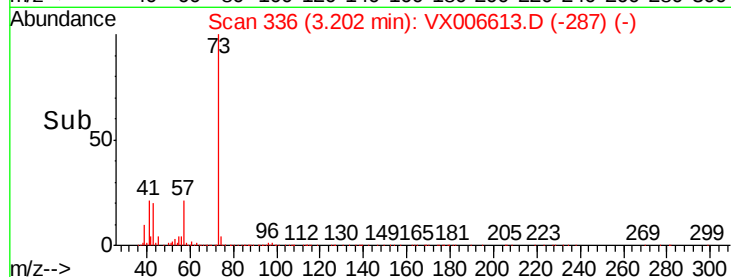
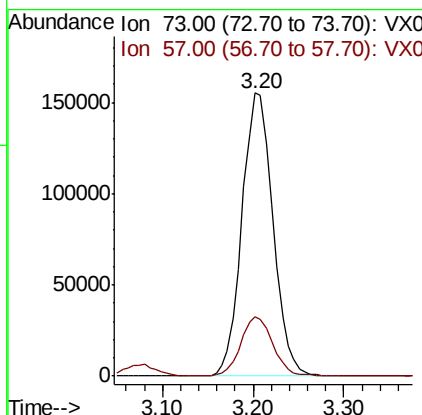
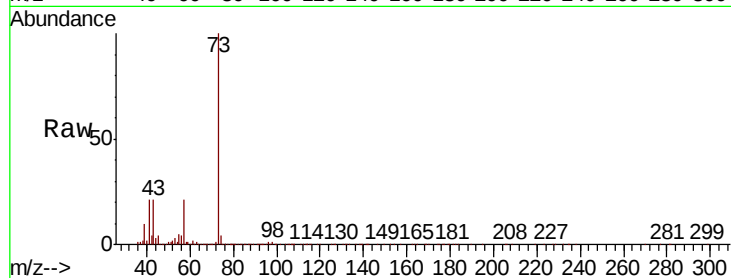


#19

Methyl tert-butyl Ether  
 Concen: 20.536 ug/l  
 RT: 3.20 min Scan# 336  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1218WBSD02

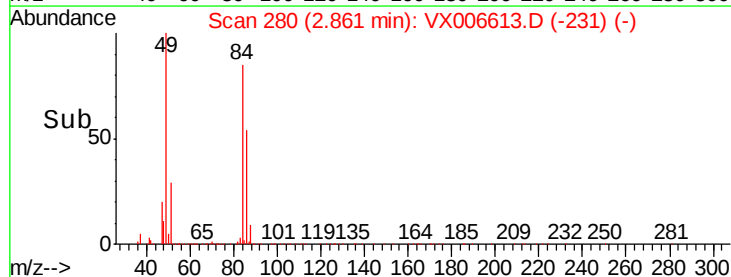
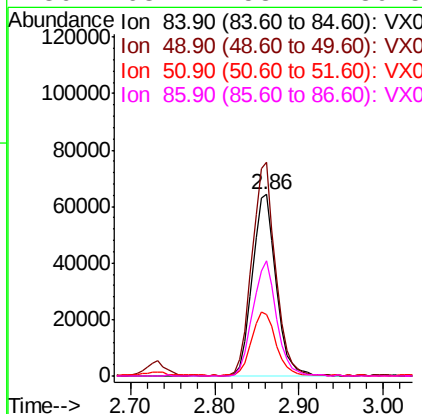
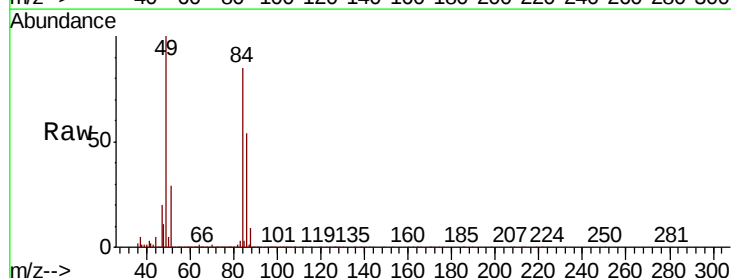
Tot Ion: 73 Resp: 368023  
 Ion Ratio Lower Upper  
 73 100  
 57 20.9 17.5 26.3

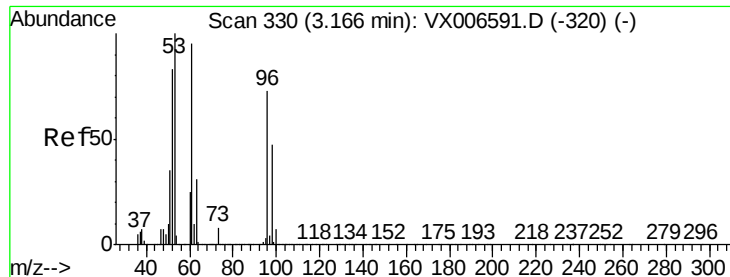


#20

Methylene Chloride  
 Concen: 19.843 ug/l  
 RT: 2.86 min Scan# 280  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Tgt Ion: 84 Resp: 122784  
 Ion Ratio Lower Upper  
 84 100  
 49 117.5 102.2 153.4  
 51 33.7 31.1 46.7  
 86 63.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 18.967 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

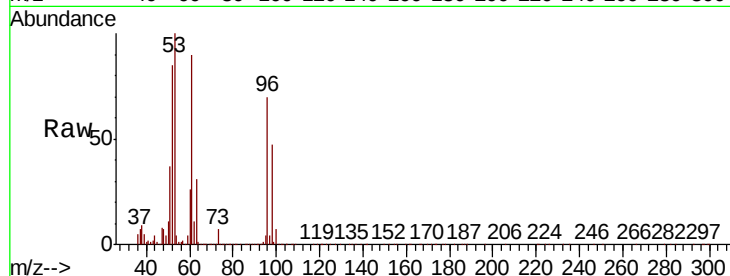
Tot Ion: 96 Resp: 113473

Ion Ratio Lower Upper

96 100

61 128.8 113.3 169.9

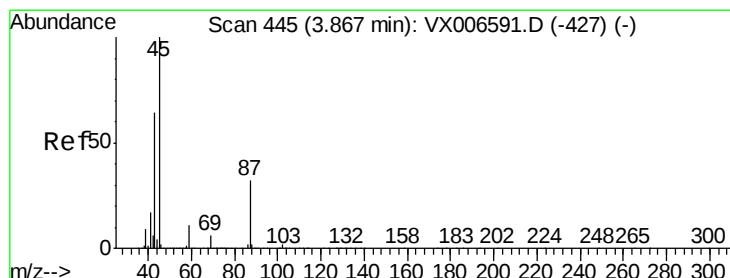
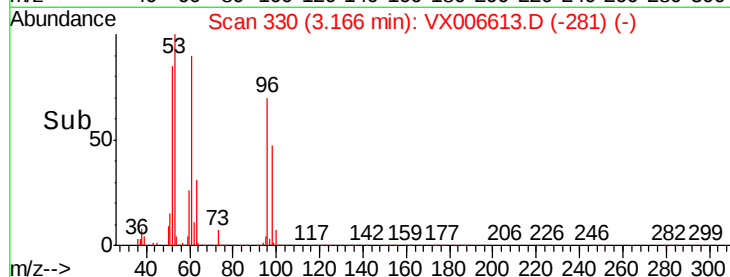
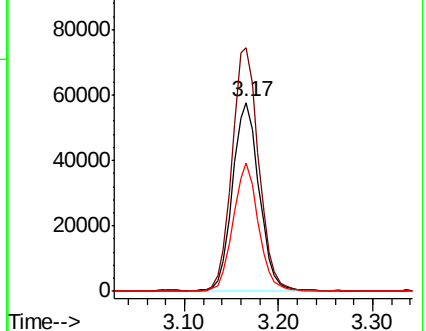
98 67.5 53.2 79.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.735 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Tgt Ion: 45 Resp: 328139

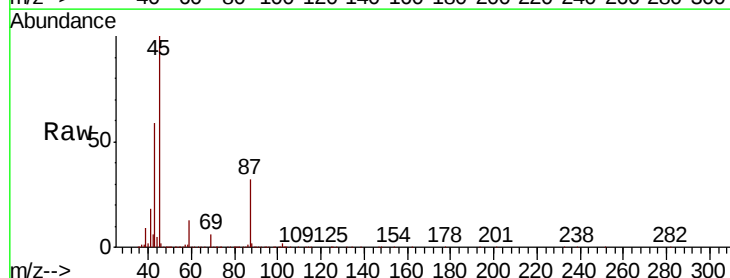
Ion Ratio Lower Upper

45 100

43 58.4 46.2 69.2

87 32.1 24.9 37.3

59 12.9 9.1 13.7

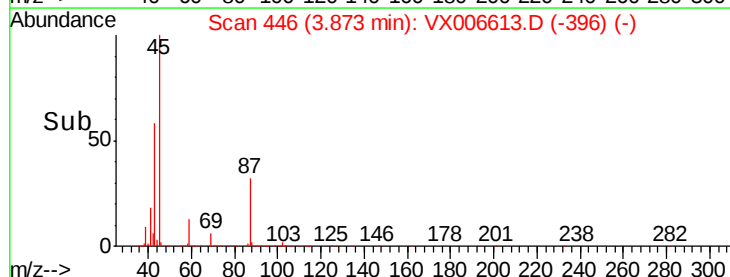
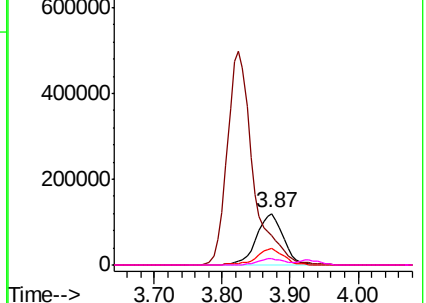


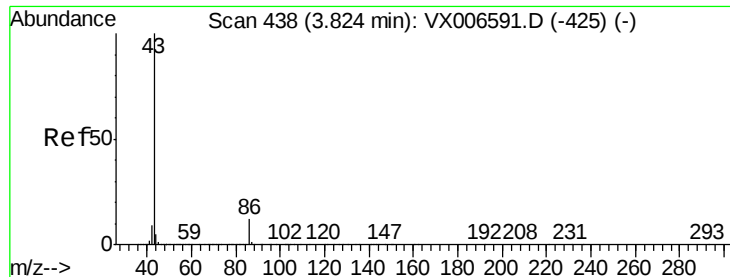
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.413 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

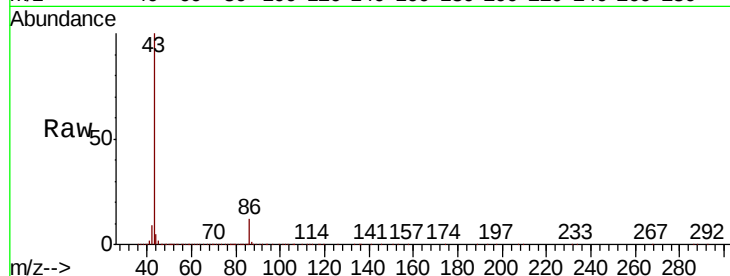
VX1218WBSD02

Tot Ion: 43 Resp: 1311254

Ion Ratio Lower Upper

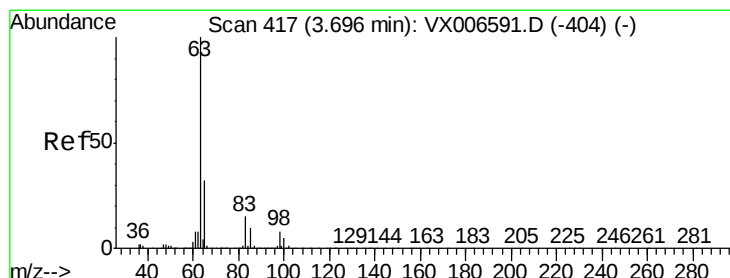
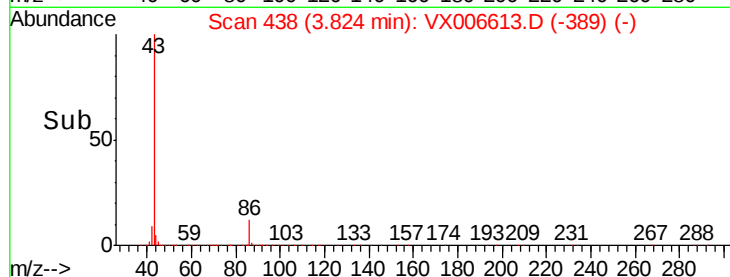
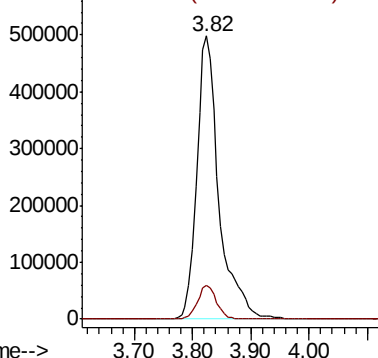
43 100

86 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.211 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

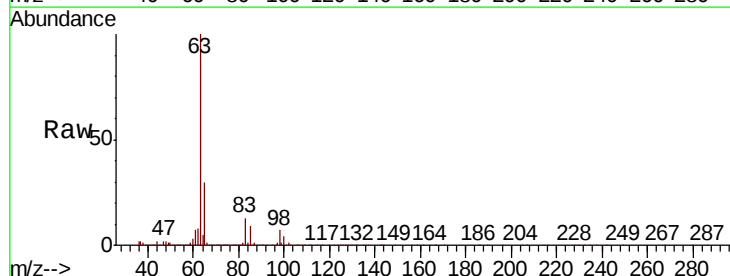
Tgt Ion: 63 Resp: 190680

Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.4

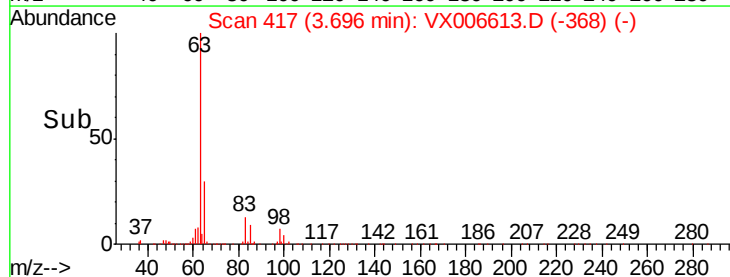
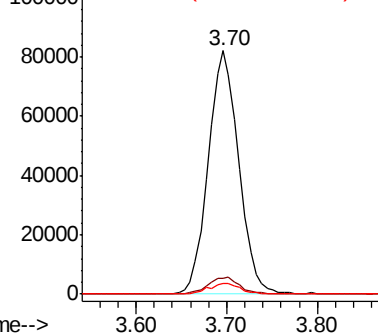
100 4.3 2.5 7.4

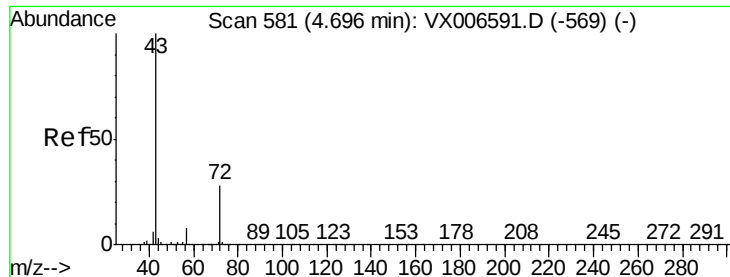


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.620 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

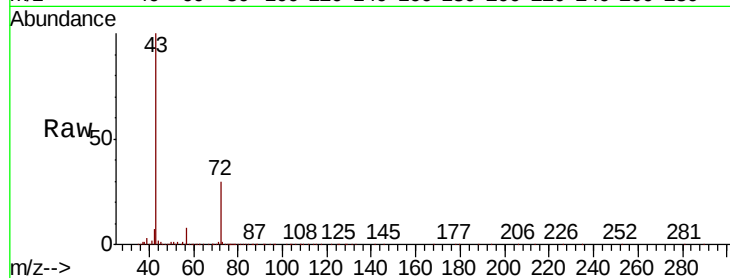
VX1218WBSD02

Tot Ion: 43 Resp: 410893

Ion Ratio Lower Upper

43 100

72 30.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

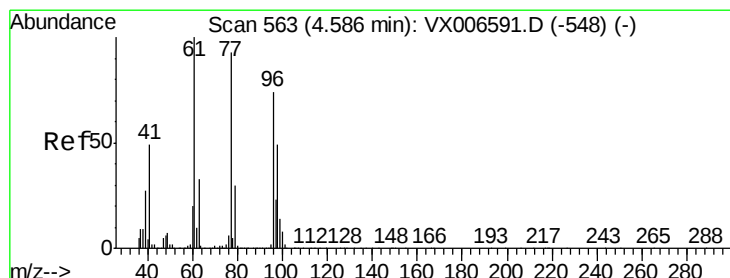
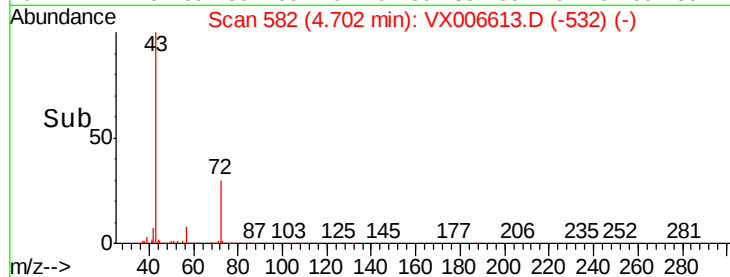
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 15.155 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006613.D

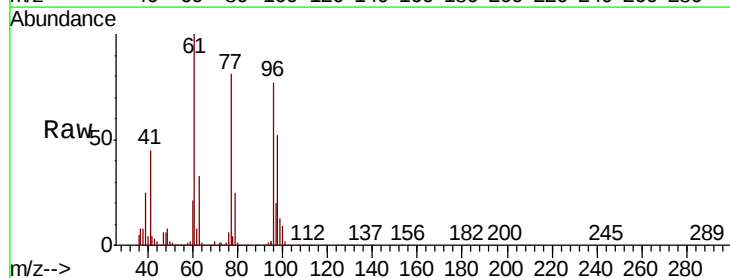
Acq: 18 Dec 2018 22:58

Tgt Ion: 77 Resp: 116197

Ion Ratio Lower Upper

77 100

97 25.8 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

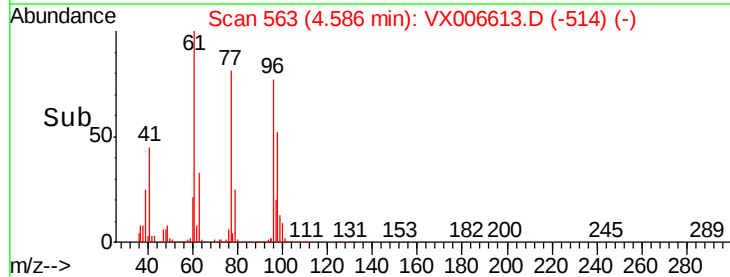
20000

10000

0

4.50 4.60 4.70

Time-->



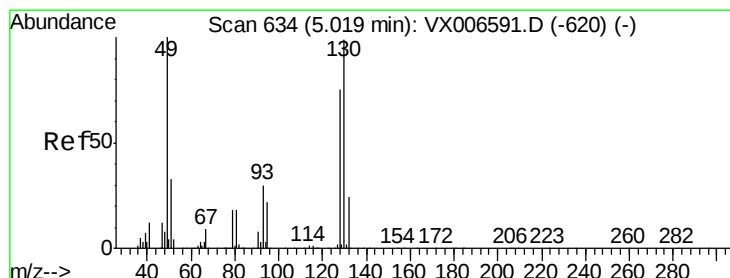
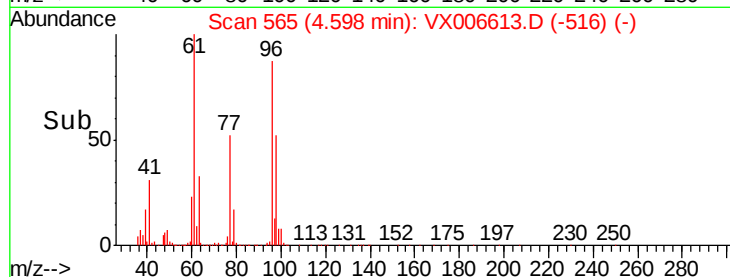
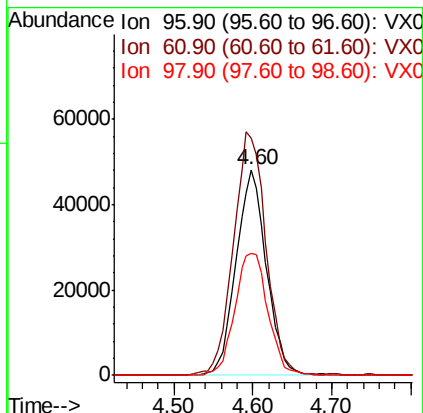
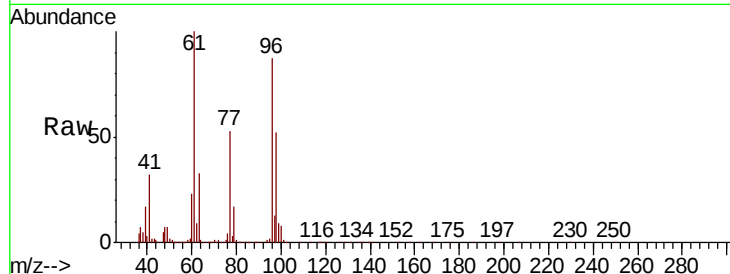


#27

cis-1,2-Dichloroethene  
 Concen: 19.544 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1218WBSD02

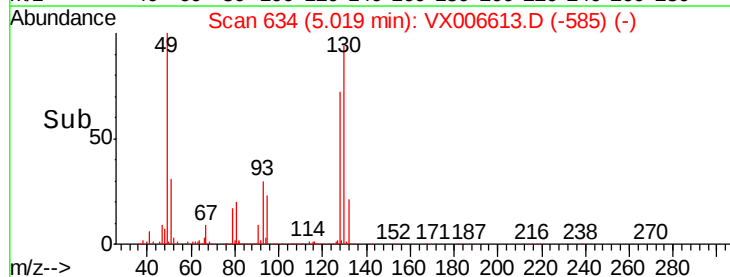
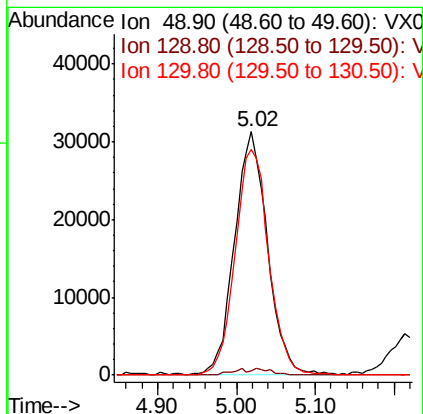
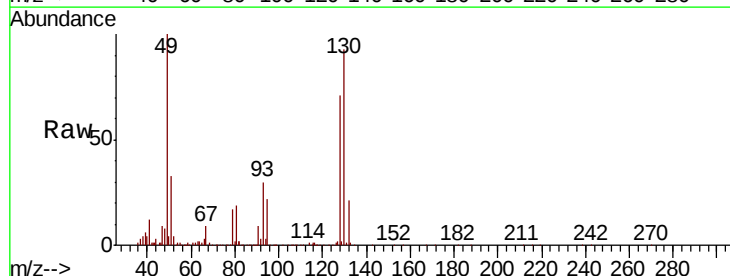
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 126.5 | 0.0   | 265.0 |
| 98      | 64.8  | 0.0   | 130.2 |

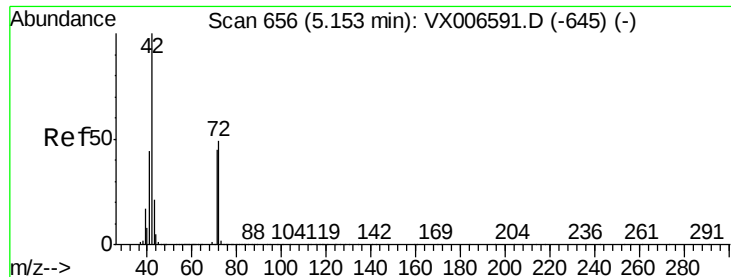


#28

Bromochloromethane  
 Concen: 20.740 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.3   | 0.0   | 5.0   |
| 130     | 94.0  | 78.3  | 117.5 |





#29

Tetrahydrofuran

Concen: 101.248 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

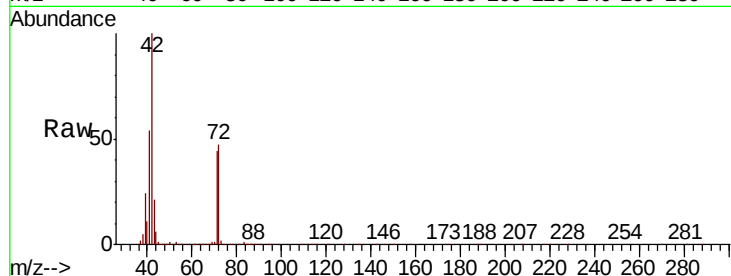
Tot Ion: 42 Resp: 280687

Ion Ratio Lower Upper

42 100

72 47.8 37.8 56.8

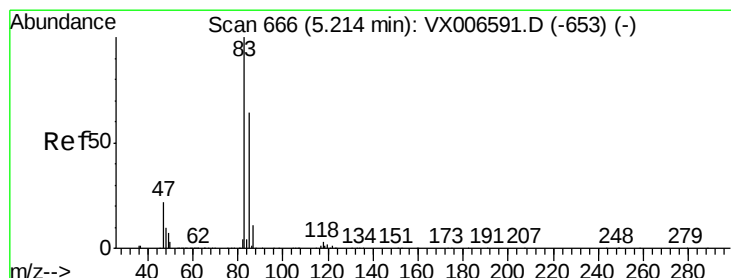
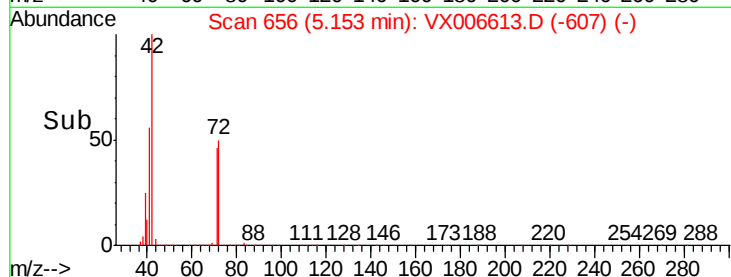
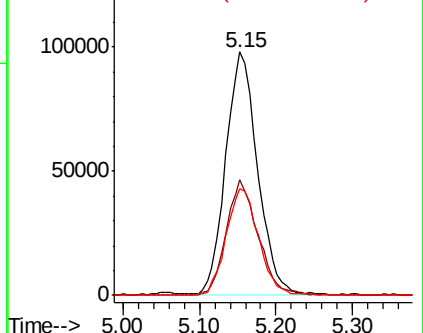
71 45.2 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.485 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006613.D

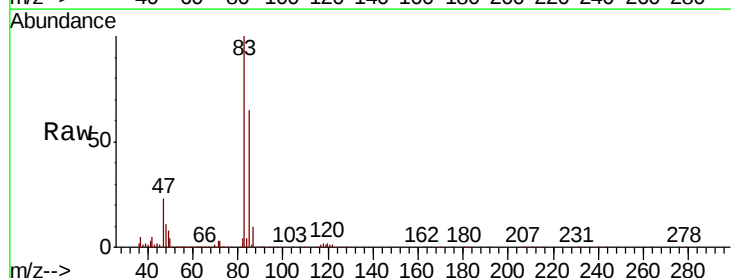
Acq: 18 Dec 2018 22:58

Tgt Ion: 83 Resp: 200275

Ion Ratio Lower Upper

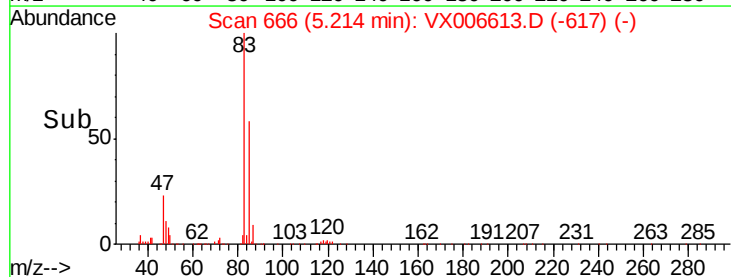
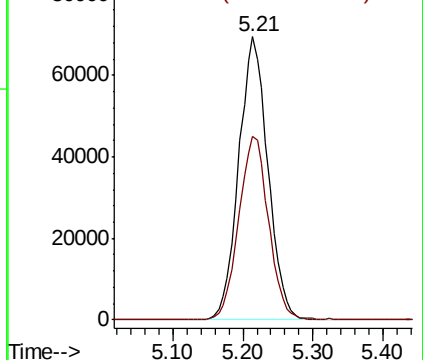
83 100

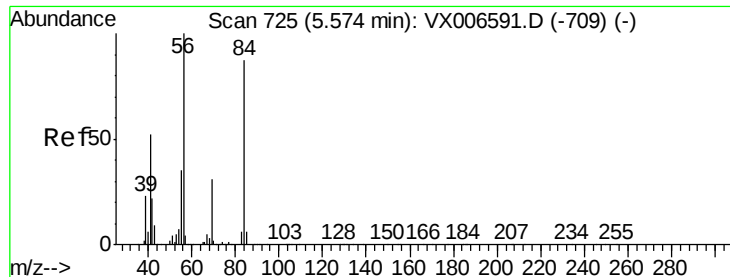
85 64.8 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

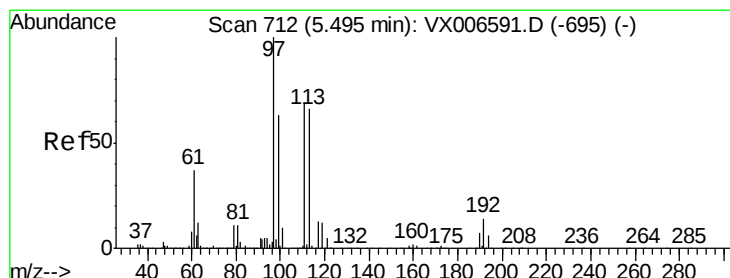
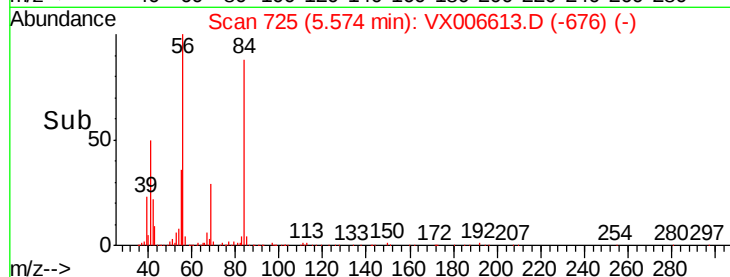
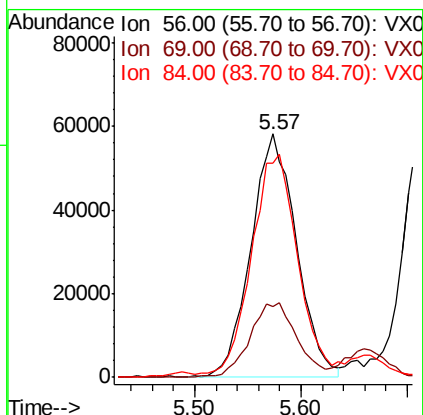
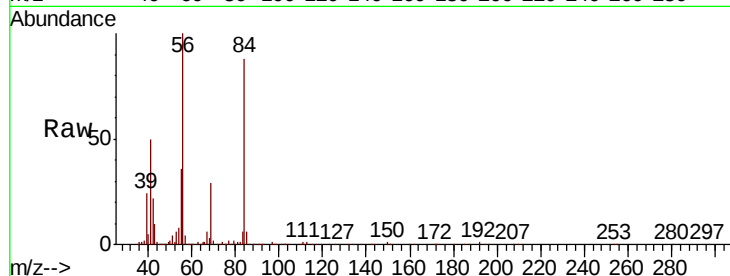




#31  
Cyclohexane  
Concen: 19.082 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

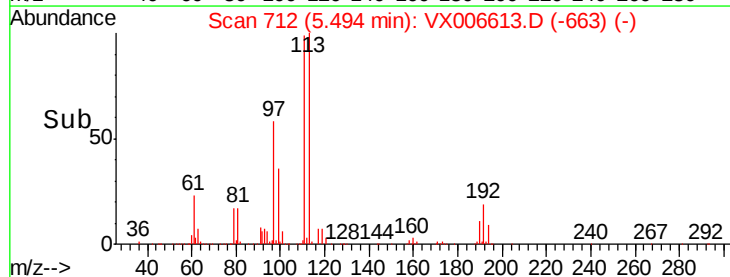
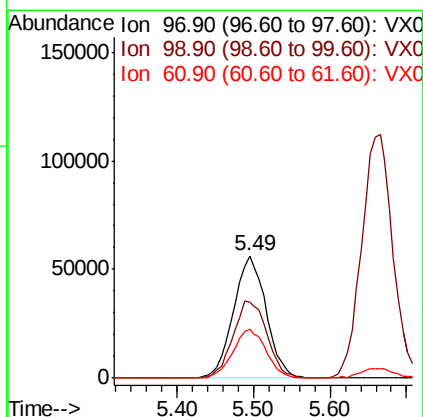
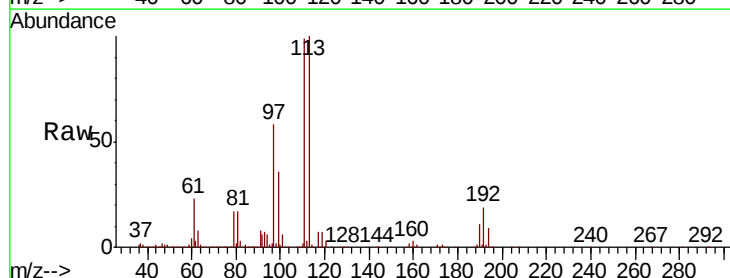
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

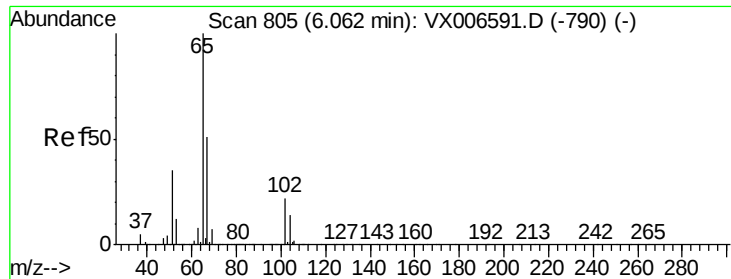
Tot Ion: 56 Resp: 172066  
Ion Ratio Lower Upper  
56 100  
69 29.2 24.5 36.7  
84 86.8 71.8 107.6



#32  
1,1,1-Trichloroethane  
Concen: 19.118 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion: 97 Resp: 165923  
Ion Ratio Lower Upper  
97 100  
99 65.9 51.6 77.4  
61 40.8 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 50.293 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

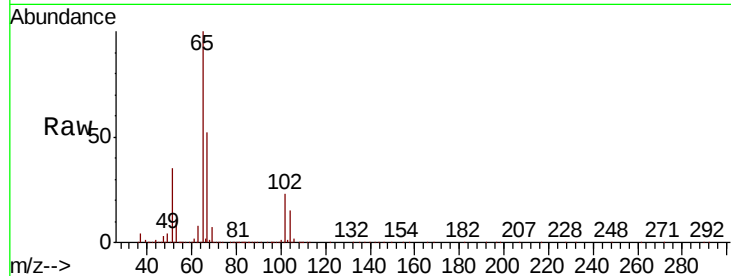
VX1218WBSD02

Tot Ion: 65 Resp: 327567

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

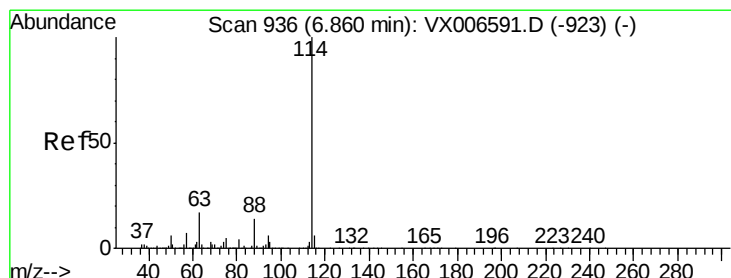
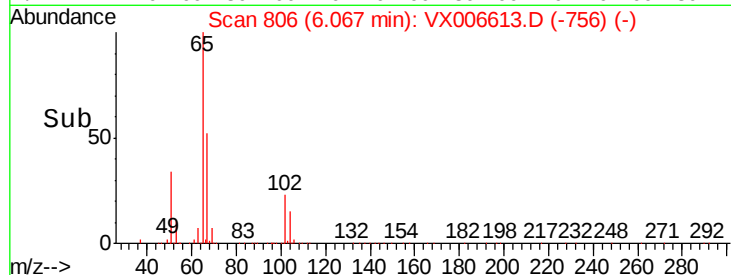
100000

50000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

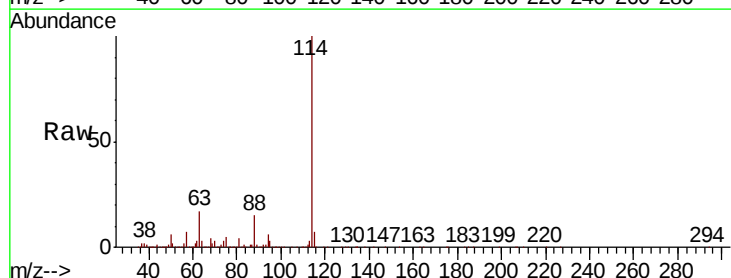
Tgt Ion: 114 Resp: 956688

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.0 0.0 29.0



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

6.86

500000

400000

300000

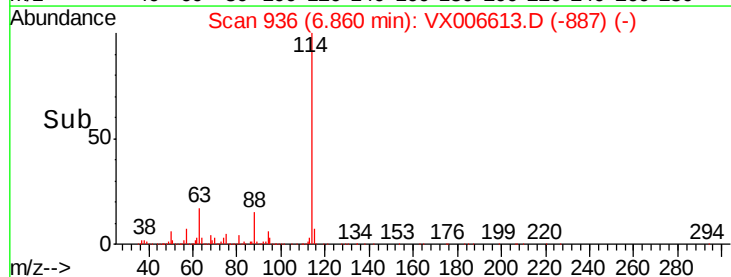
200000

100000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.095 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

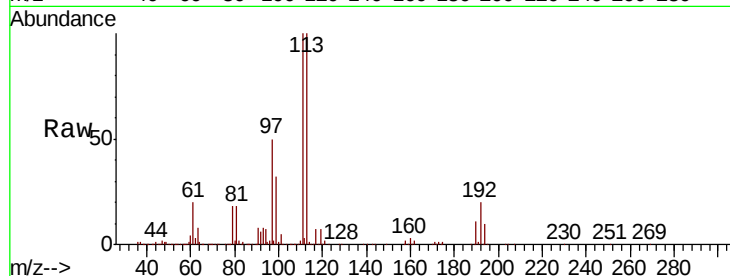
Tot Ion:113 Resp: 290971

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

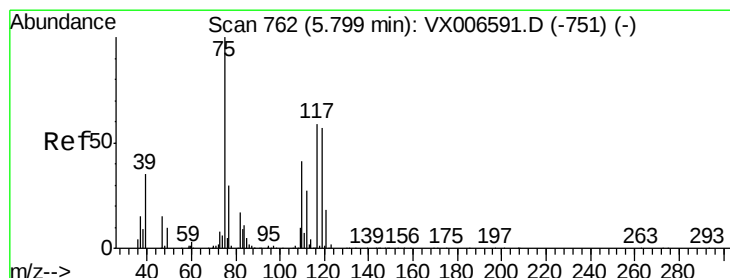
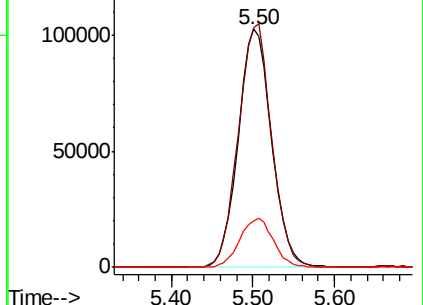
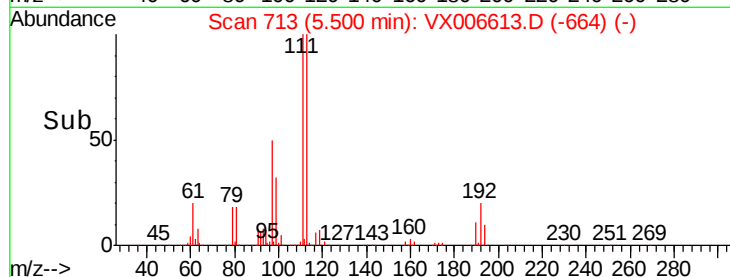
192 21.0 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.677 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

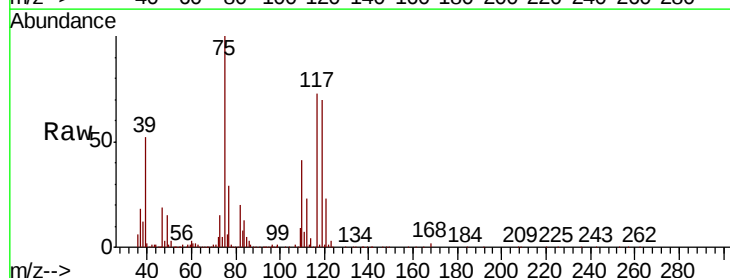
Tgt Ion: 75 Resp: 147986

Ion Ratio Lower Upper

75 100

110 41.4 20.4 61.3

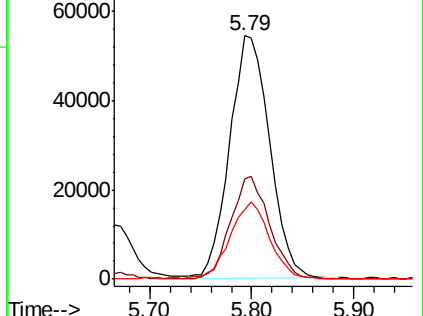
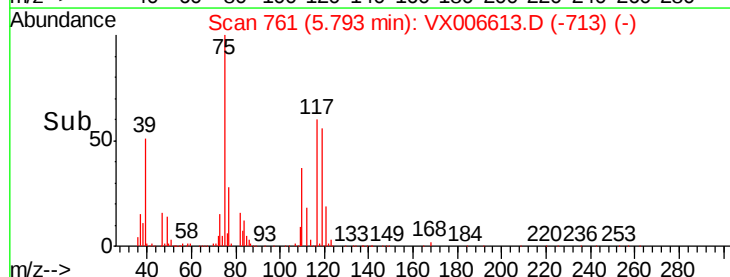
77 30.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

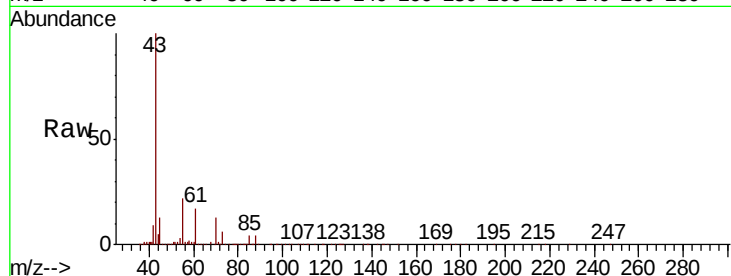




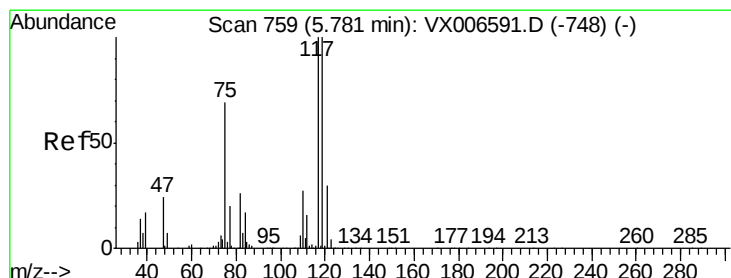
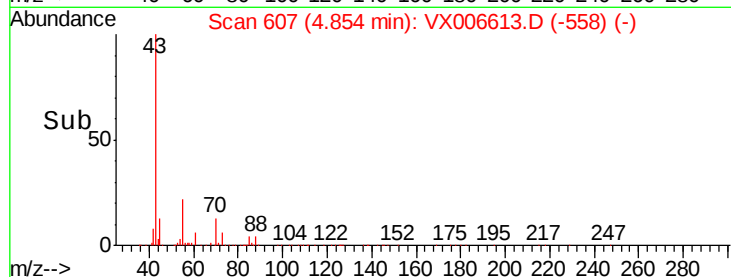
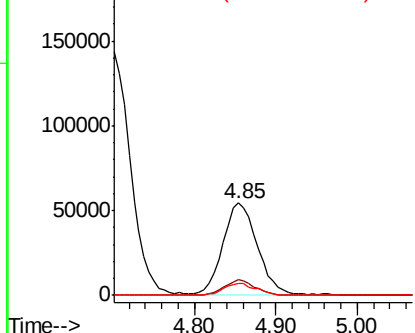
#37  
Ethyl Acetate  
Concen: 19.182 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

Tot Ion: 43 Resp: 158194  
Ion Ratio Lower Upper  
43 100  
61 14.7 11.5 17.3  
70 13.0 9.0 13.6

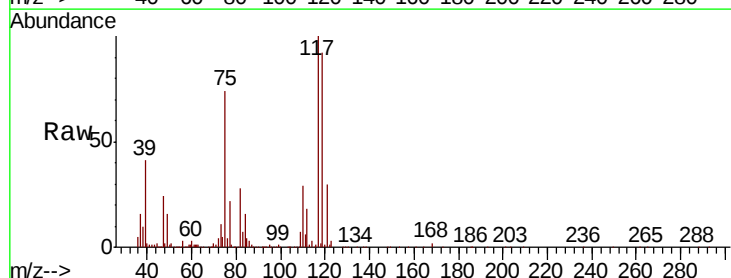


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

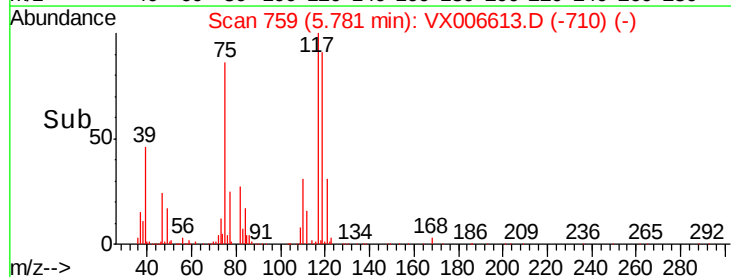
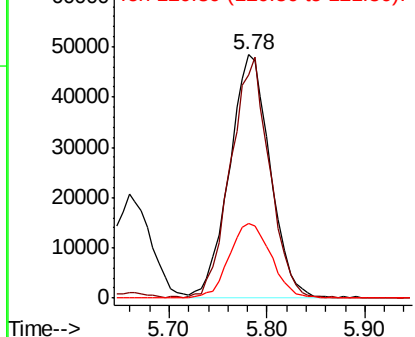


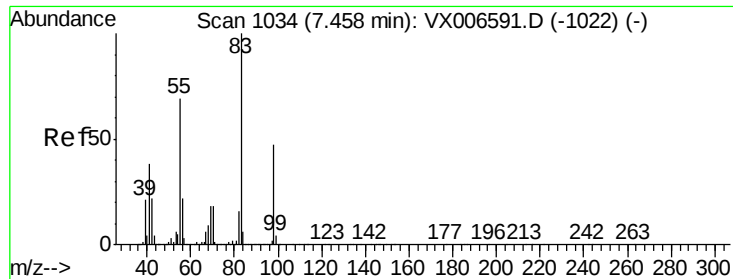
#38  
Carbon Tetrachloride  
Concen: 18.063 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion: 117 Resp: 139093  
Ion Ratio Lower Upper  
117 100  
119 91.8 75.8 113.8  
121 30.3 24.6 37.0



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

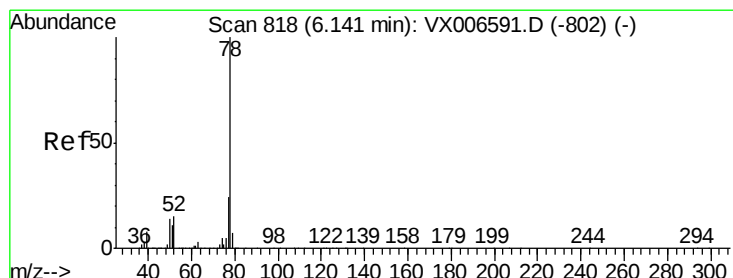
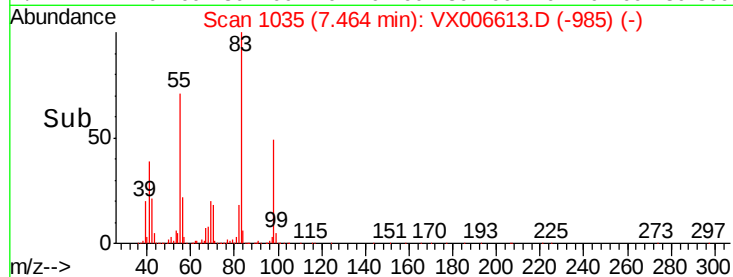
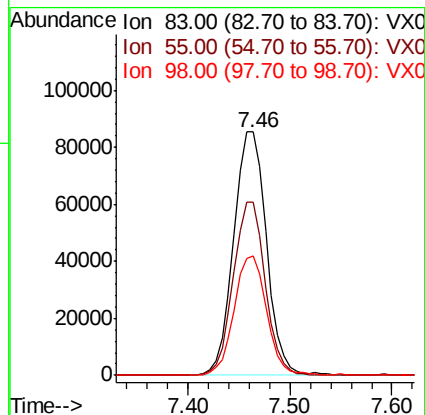
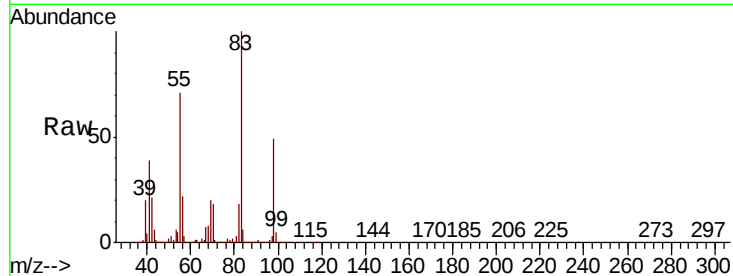




#39  
Methvlcvclohexane  
Concen: 18.195 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

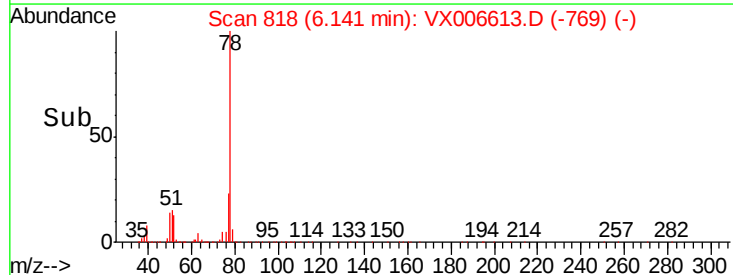
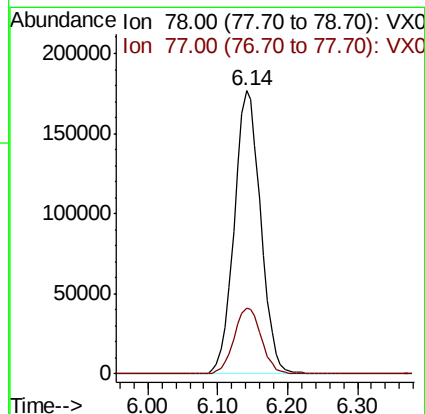
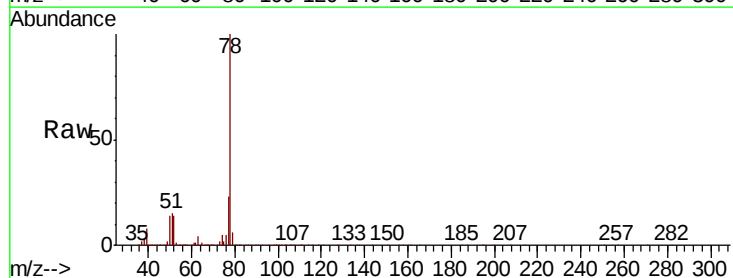
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

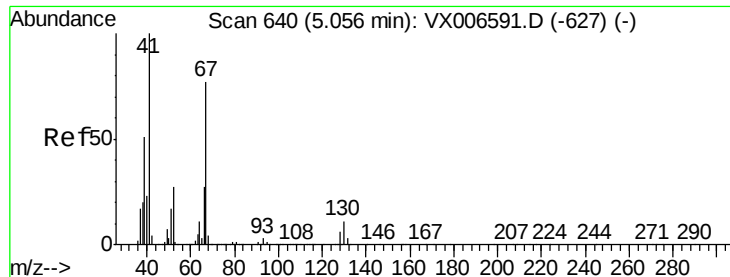
Tot Ion: 83 Resp: 189800  
Ion Ratio Lower Upper  
83 100  
55 70.9 56.4 84.6  
98 48.8 39.0 58.6



#40  
Benzene  
Concen: 19.184 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion: 78 Resp: 462049  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.2 28.8

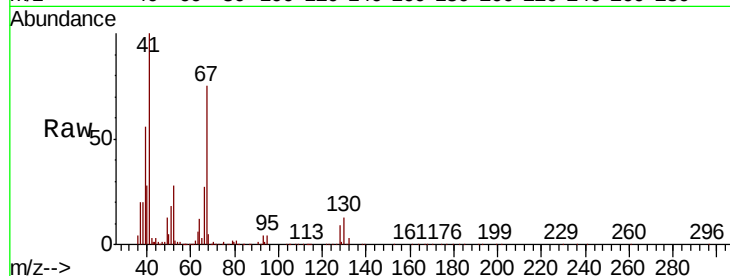




#41  
Methacrylonitrile  
Concen: 19.166 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 88821 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.5  | 44.0  | 66.0  |
| 67       | 76.4  | 61.4  | 92.0  |
| 52       | 29.9  | 23.5  | 35.3  |



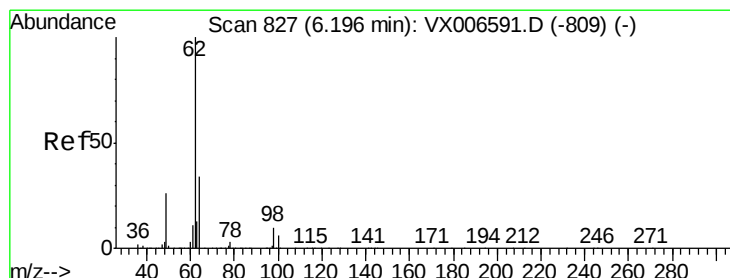
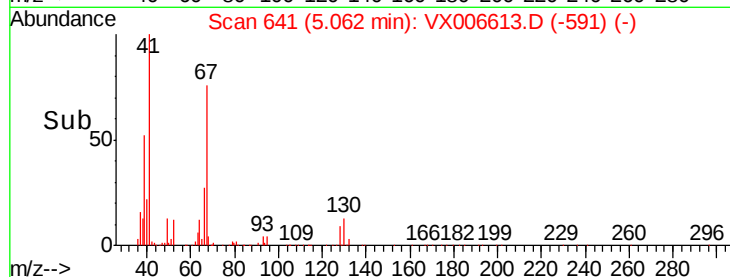
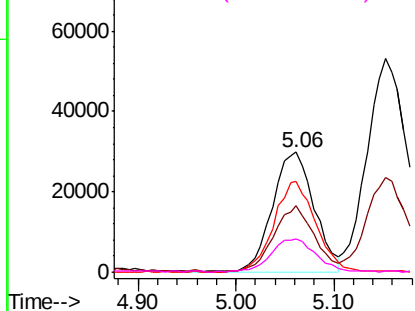
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

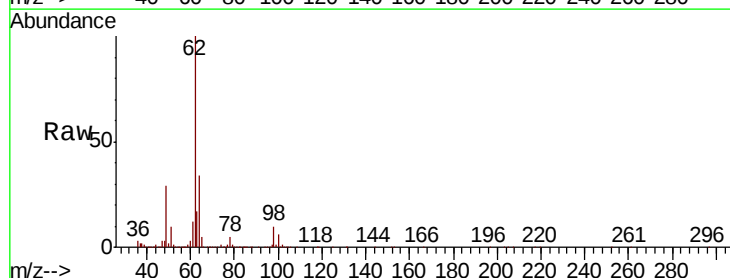
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42  
1,2-Dichloroethane  
Concen: 18.973 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

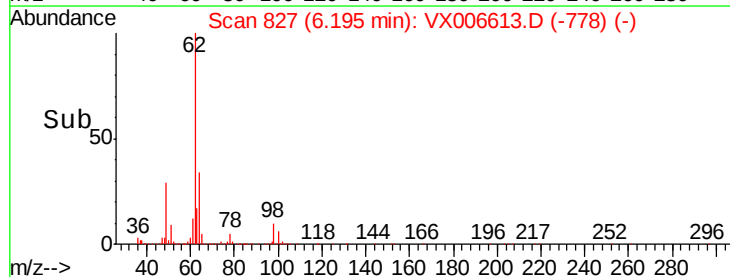
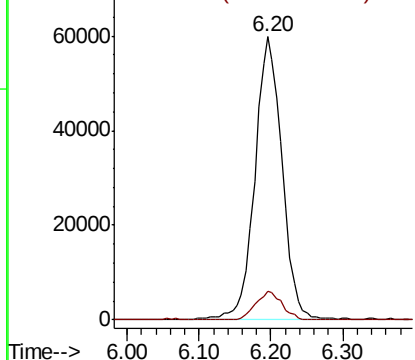
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 155711 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.1  | 0.0   | 20.2   |

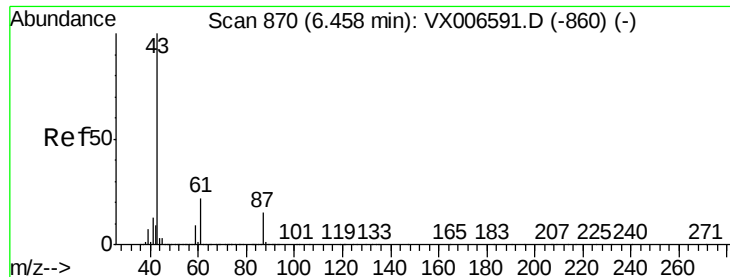


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



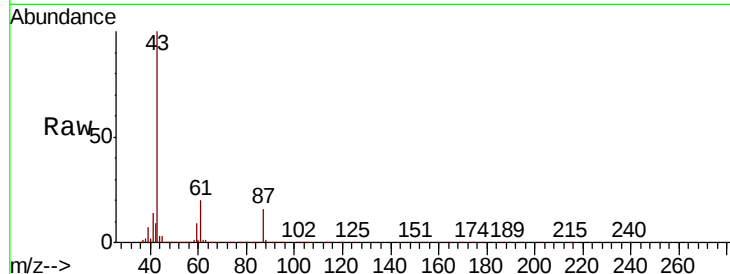


#43

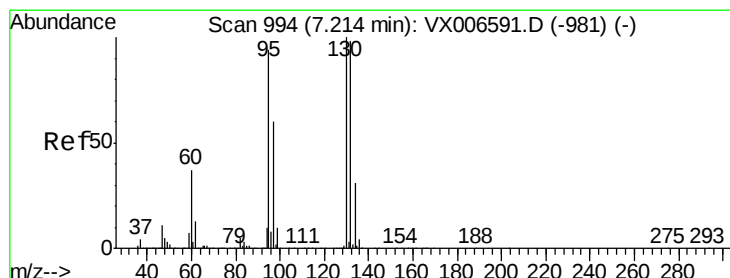
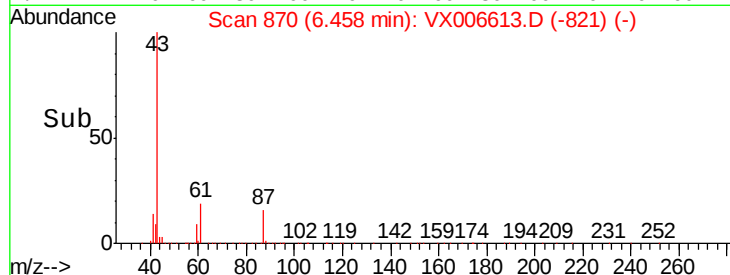
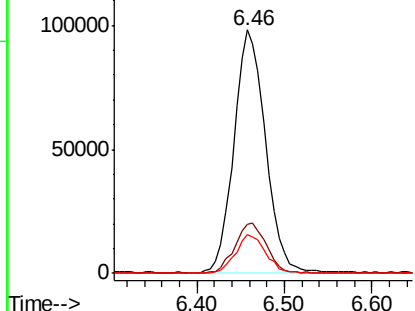
Isopropyl Acetate  
 Concen: 19.394 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1218WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 21.1  | 16.8  | 25.2  |
| 87      | 15.6  | 11.9  | 17.9  |



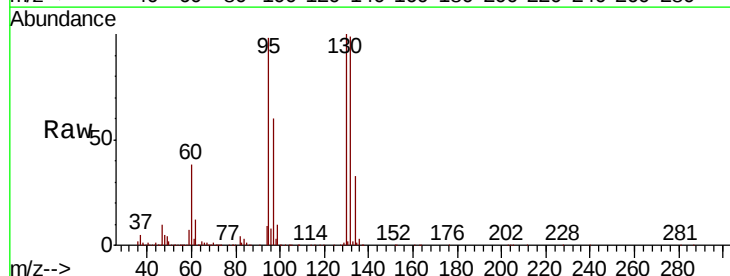
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



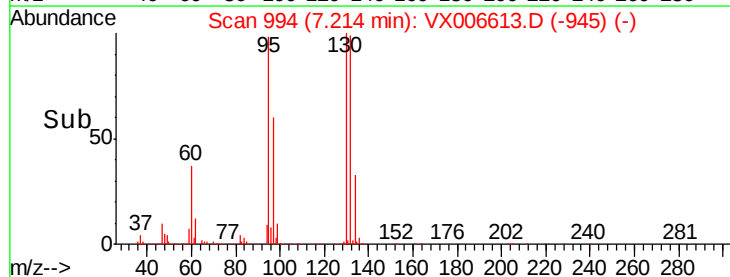
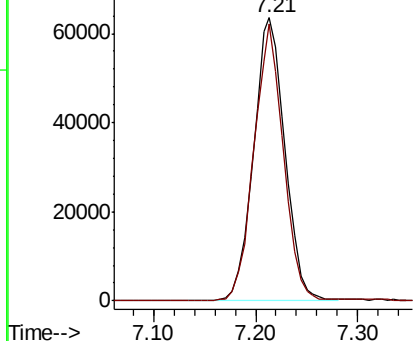
#44

Trichloroethene  
 Concen: 18.536 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.8  | 0.0   | 175.8 |



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0

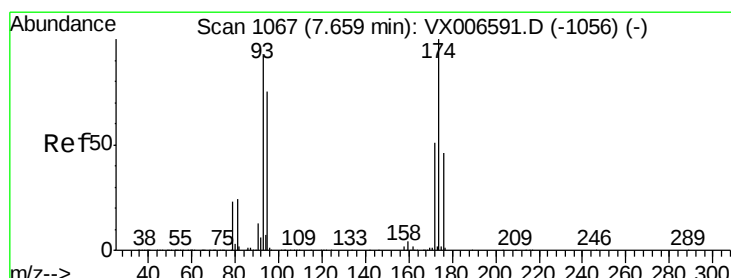
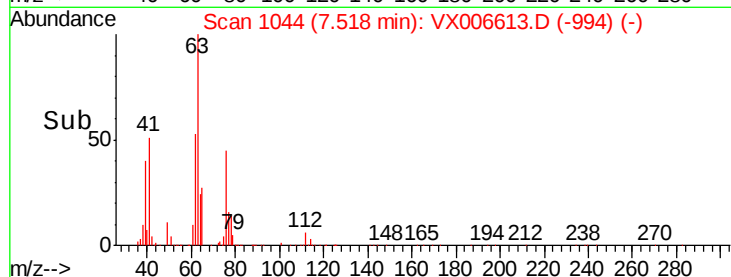
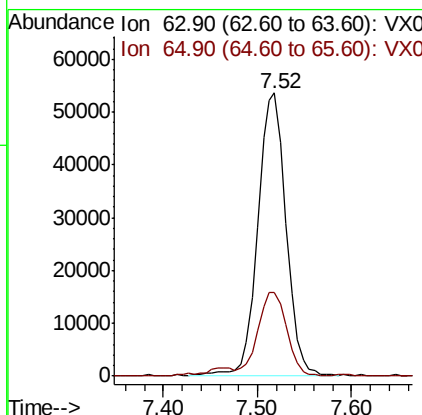
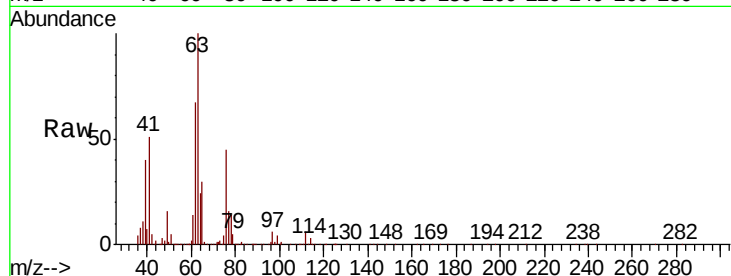




#45  
 1,2-Dichloropropane  
 Concen: 19.375 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. 0.01 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

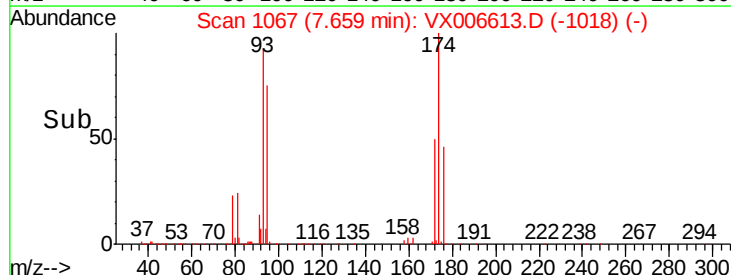
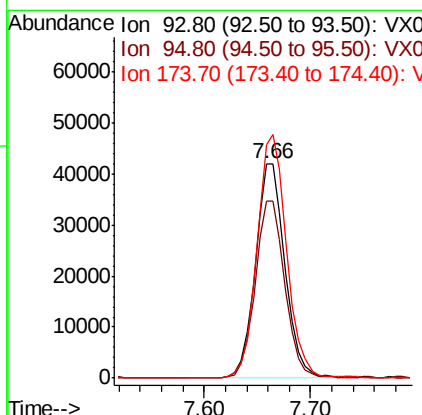
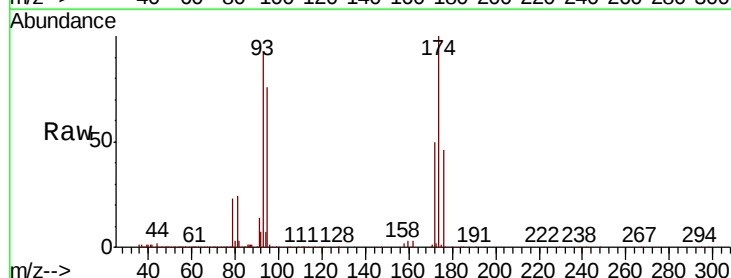
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1218WBSD02

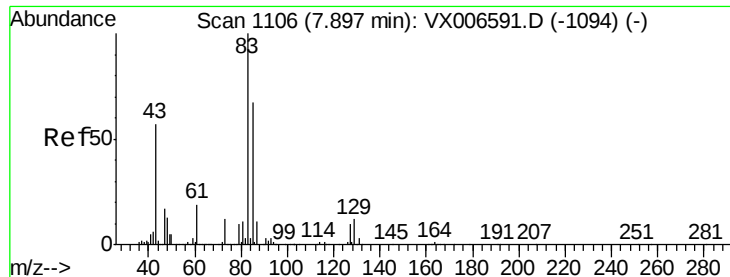
Tot Ion: 63 Resp: 113557  
 Ion Ratio Lower Upper  
 63 100  
 65 29.0 24.3 36.5



#46  
 Dibromomethane  
 Concen: 18.872 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Tgt Ion: 93 Resp: 81360  
 Ion Ratio Lower Upper  
 93 100  
 95 83.2 66.2 99.4  
 174 113.9 97.2 145.8





#47

Bromodichloromethane

Concen: 18.277 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

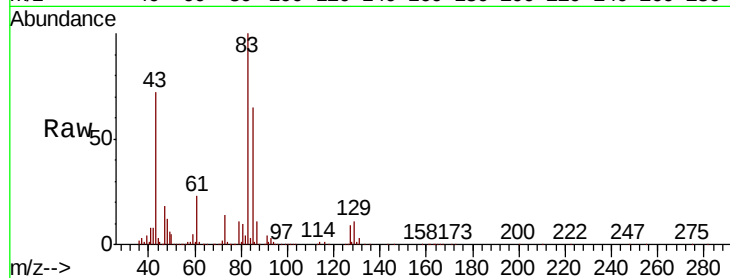
Tot Ion: 83 Resp: 130815

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.0

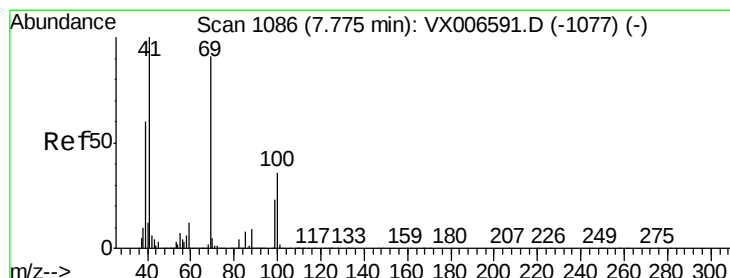
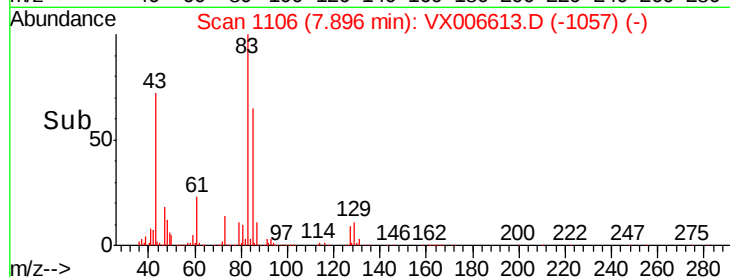
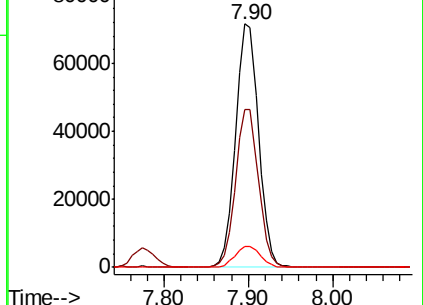
127 8.8 7.9 11.9



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): VX0



#48

Methyl methacrylate

Concen: 19.636 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

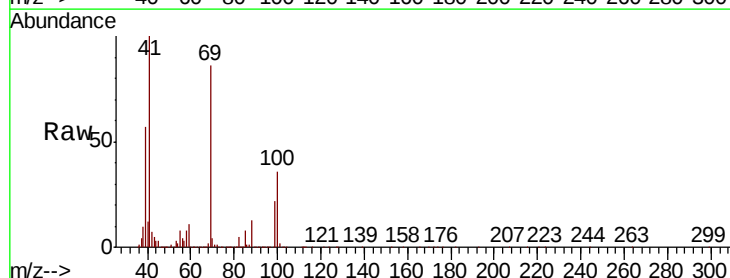
Tgt Ion: 41 Resp: 125301

Ion Ratio Lower Upper

41 100

69 90.5 70.3 105.5

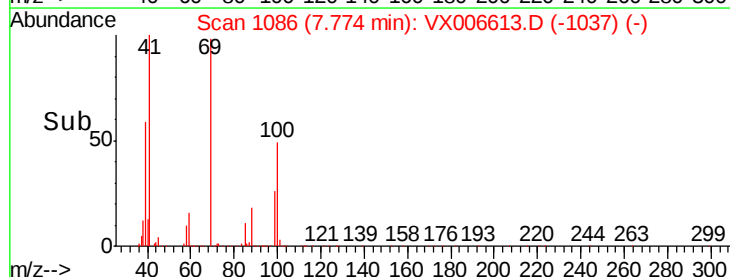
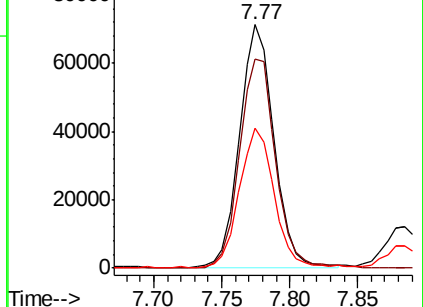
39 57.8 45.3 67.9



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: 398.736 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

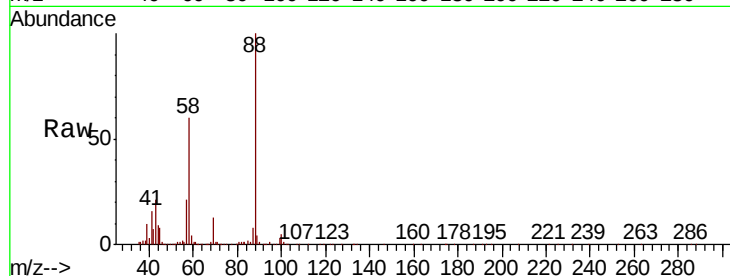
MSVOA\_X

ClientSampleId :

VX1218WBSD02

Tot Ion: 88 Resp: 68568

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 25.0  | 23.2  | 34.8  |
| 58  | 62.8  | 51.4  | 77.0  |



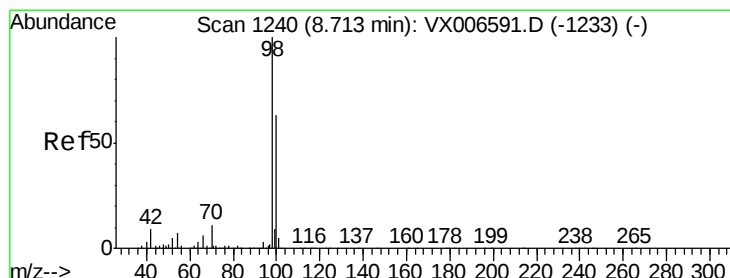
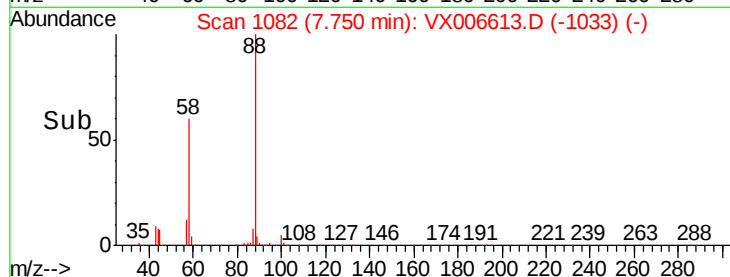
Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



#50

Toluene-d8

Concen: 48.756 ug/l

RT: 8.71 min Scan# 1240

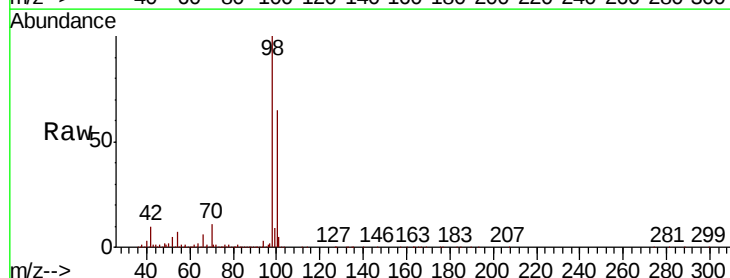
Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Tgt Ion: 98 Resp: 1112036

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.2  | 52.2  | 78.2  |

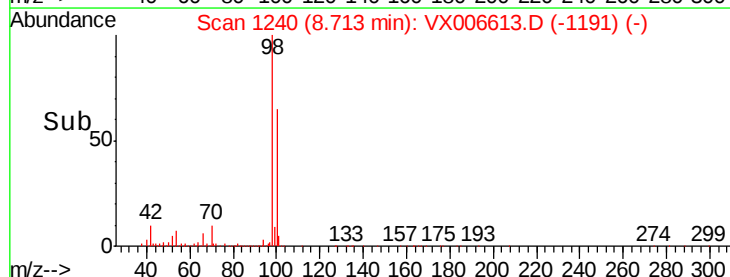


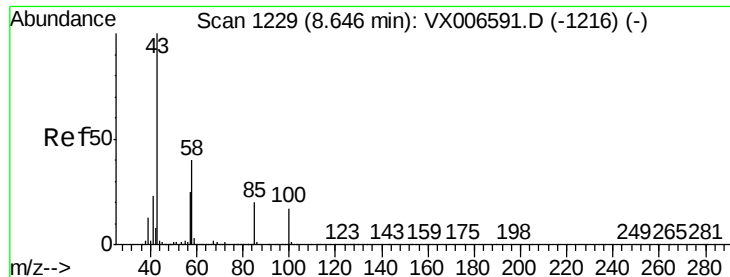
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

Time-->





#51

4-Methyl-2-Pentanone

Concen: 100.910 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

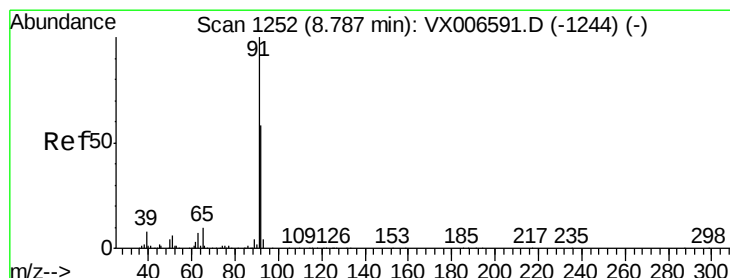
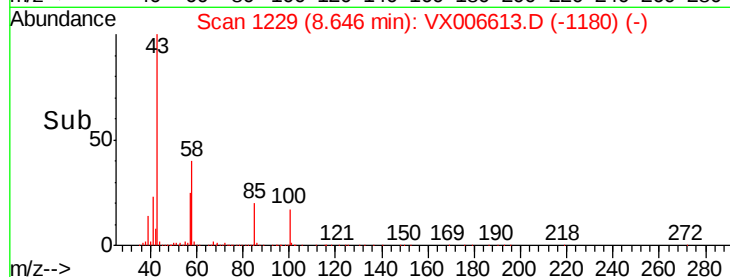
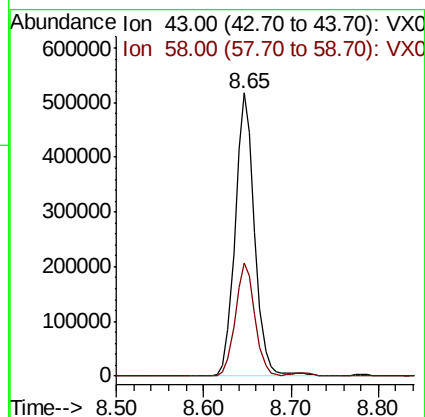
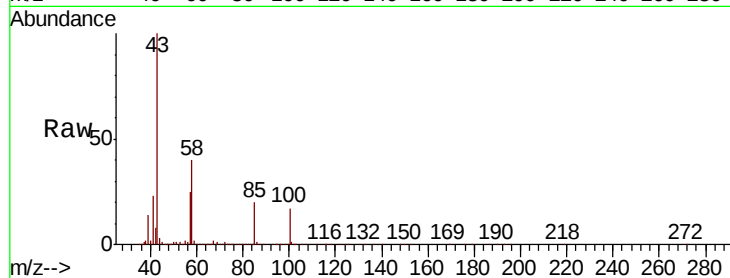
VX1218WBSD02

Tot Ion: 43 Resp: 805672

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9



#52

Toluene

Concen: 19.256 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006613.D

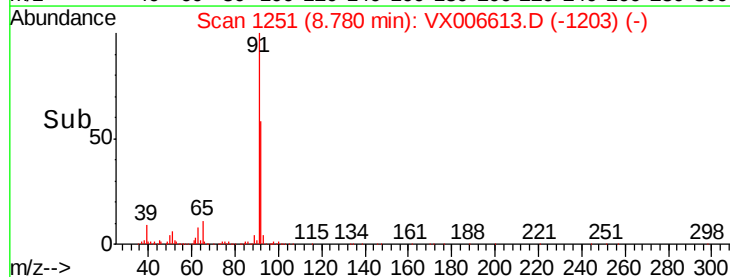
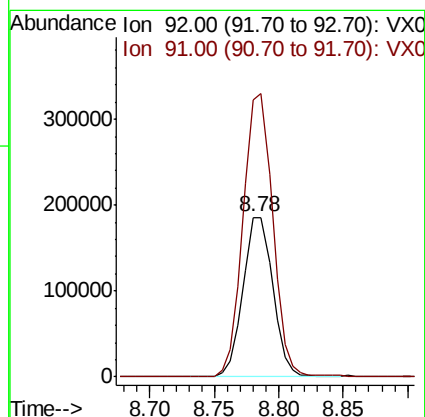
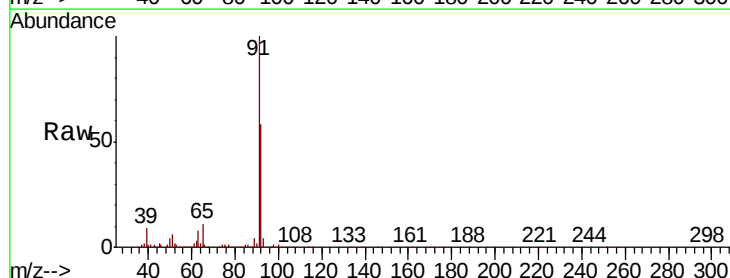
Acq: 18 Dec 2018 22:58

Tgt Ion: 92 Resp: 299616

Ion Ratio Lower Upper

92 100

91 176.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 17.103 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

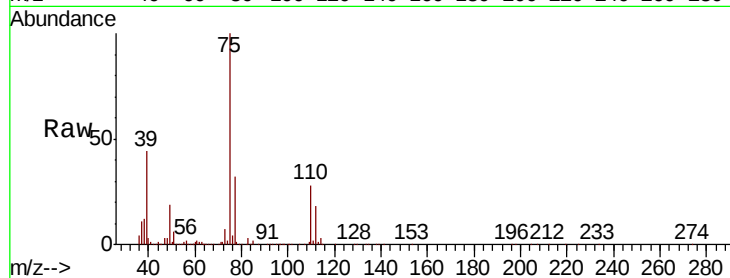
VX1218WBSD02

Tot Ion: 75 Resp: 131291

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

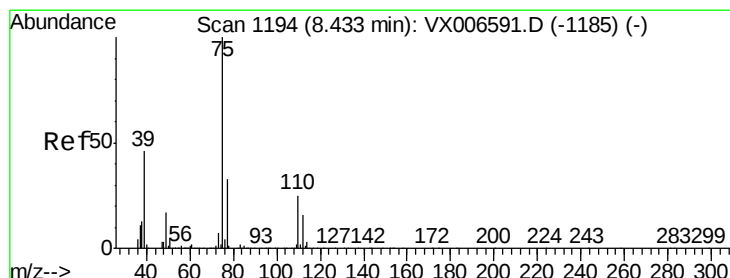
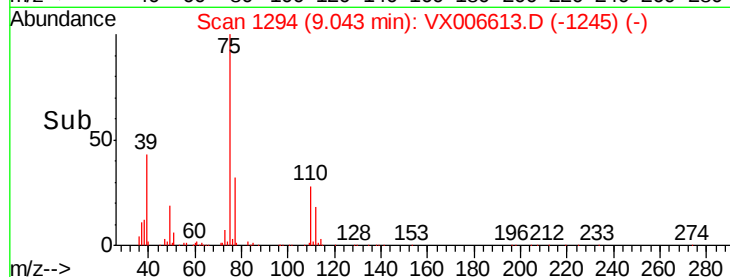
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.187 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

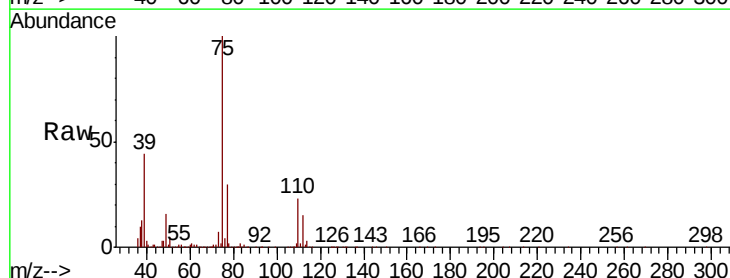
Tgt Ion: 75 Resp: 153184

Ion Ratio Lower Upper

75 100

77 29.5 25.6 38.4

39 43.8 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

120000

100000

80000

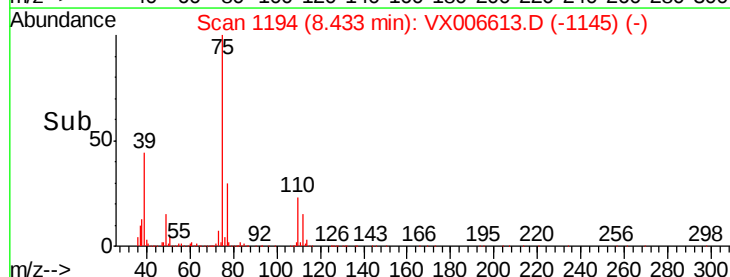
60000

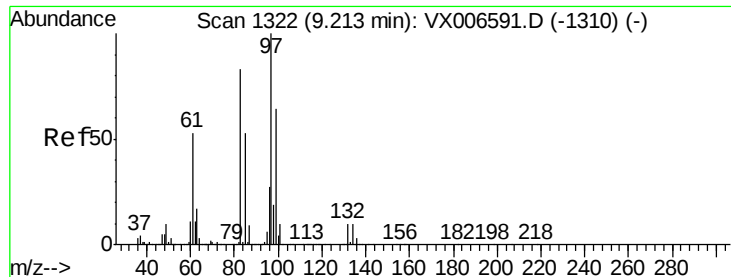
40000

20000

0

Time-->

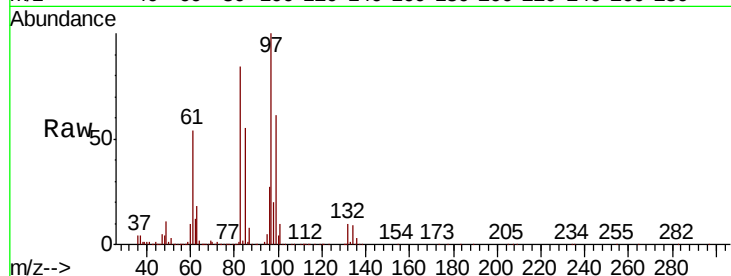




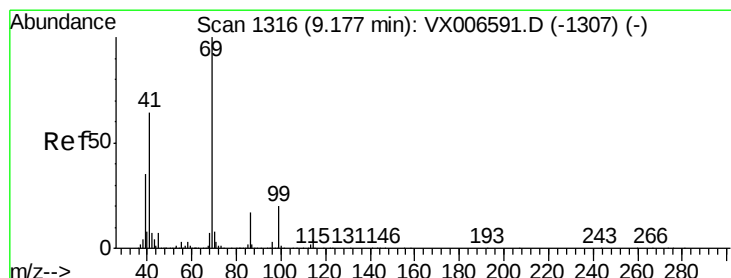
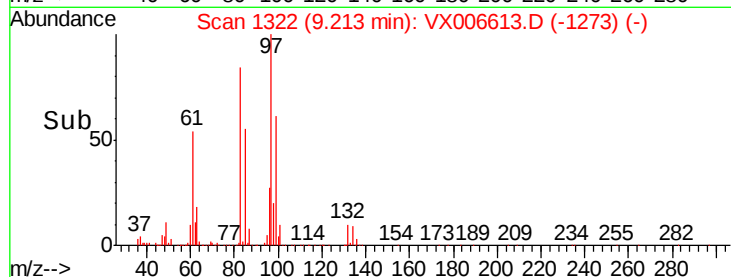
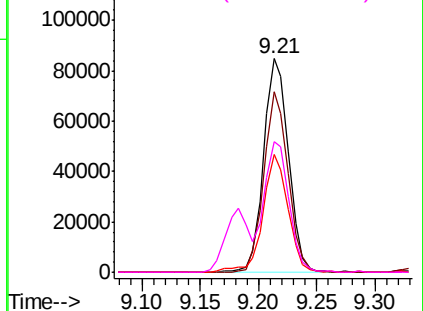
#55  
 1,1,2-Trichloroethane  
 Concen: 19.610 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1218WBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 124895 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.3  | 67.1  | 100.7  |
| 85       | 54.9  | 43.2  | 64.8   |
| 99       | 61.3  | 49.8  | 74.6   |

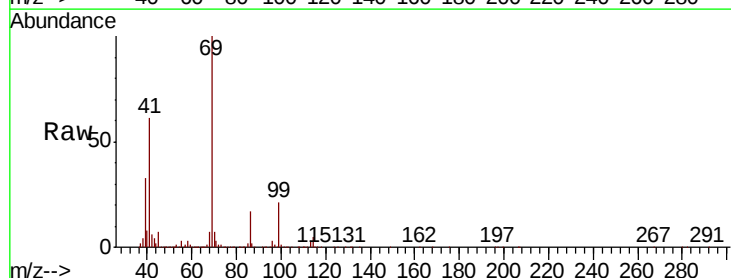


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

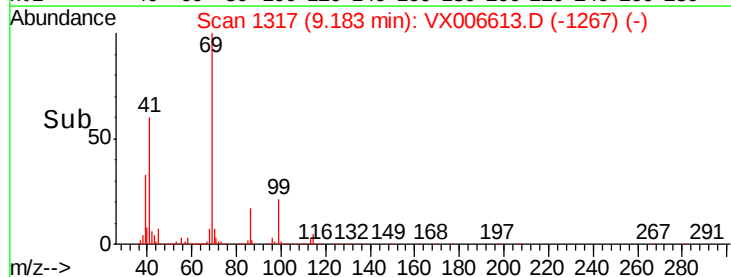
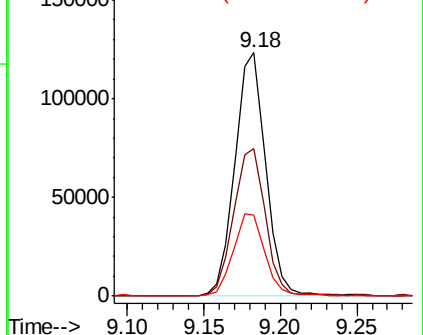


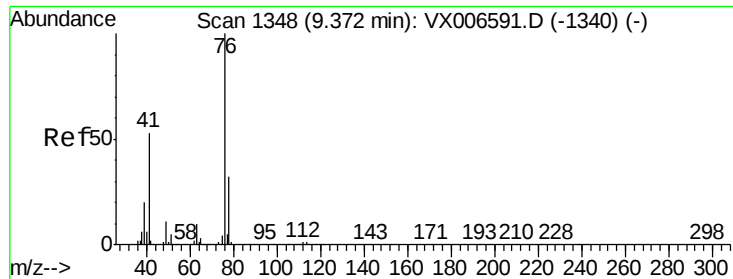
#56  
 Ethyl methacrylate  
 Concen: 19.125 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. 0.01 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 172159 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.6  | 50.6  | 76.0   |
| 39       | 34.6  | 27.6  | 41.4   |



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.156 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

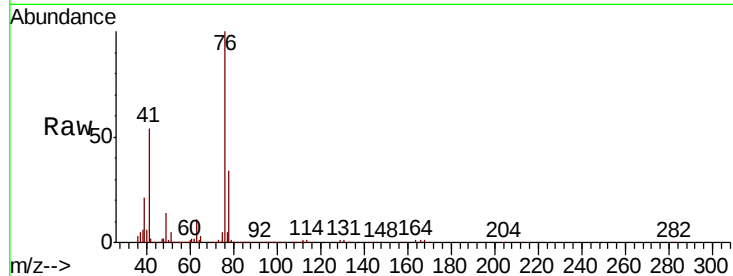
VX1218WBSD02

Tot Ion: 76 Resp: 196291

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

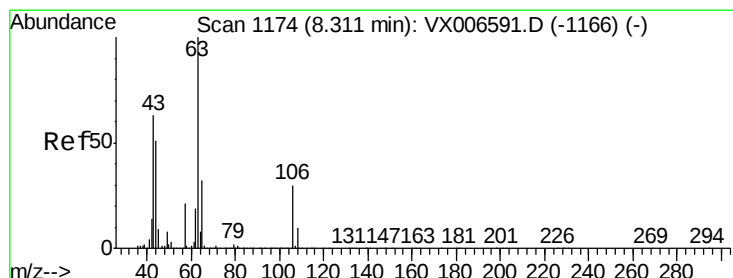
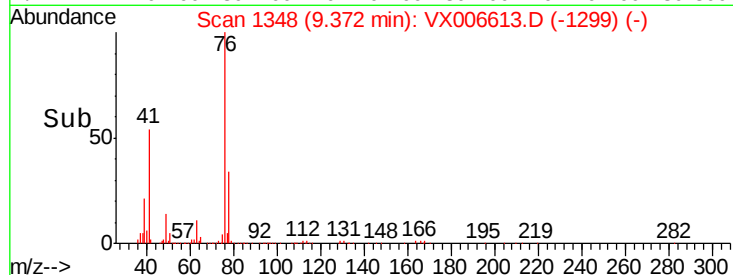
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 100.552 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006613.D

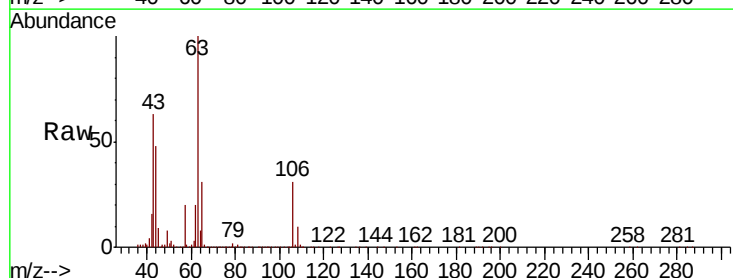
Acq: 18 Dec 2018 22:58

Tgt Ion: 63 Resp: 481141

Ion Ratio Lower Upper

63 100

106 31.2 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

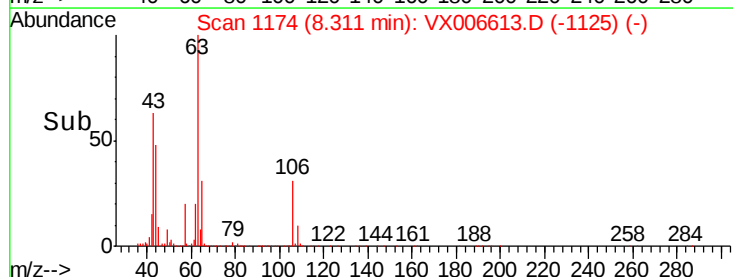
200000

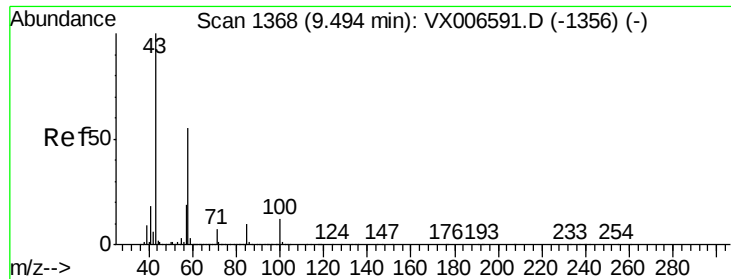
100000

0

8.20 8.30 8.40

Time-->

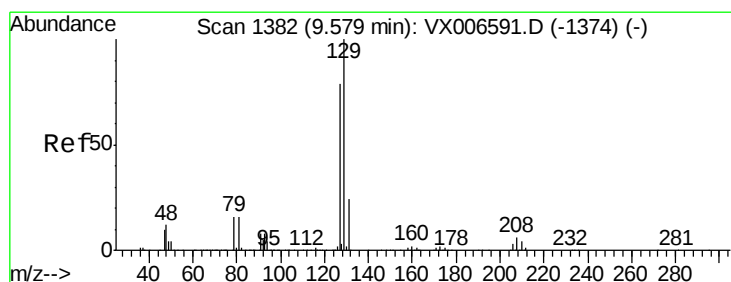
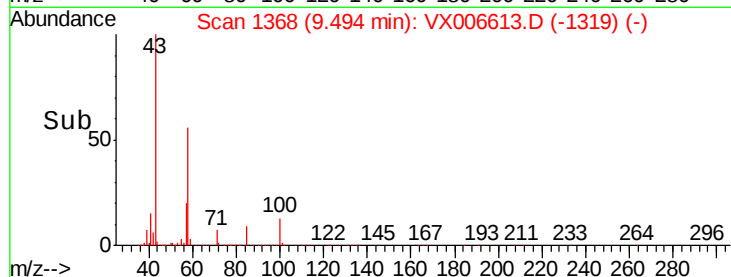
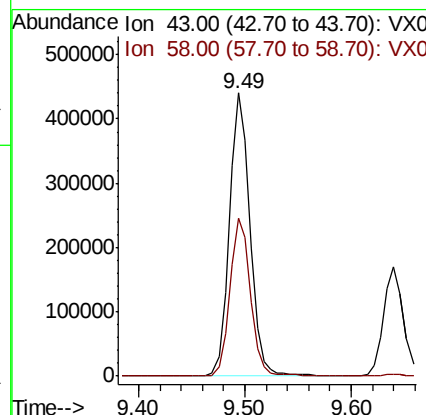
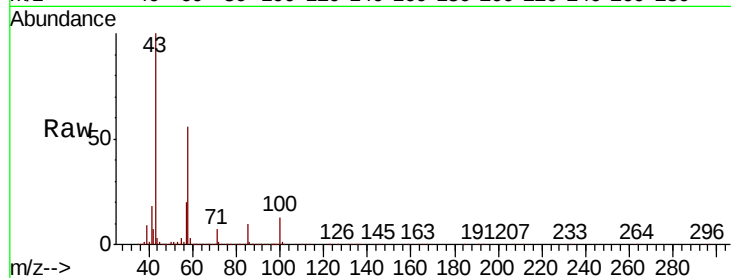




#59  
2-Hexanone  
Concen: 97.453 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

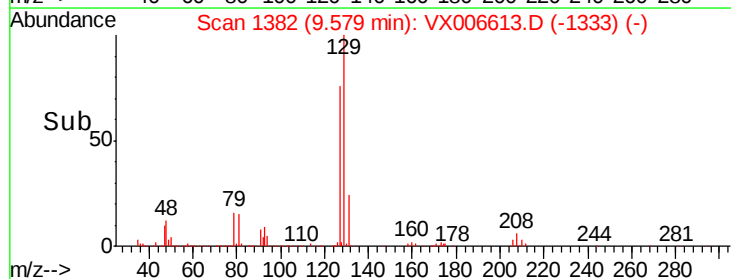
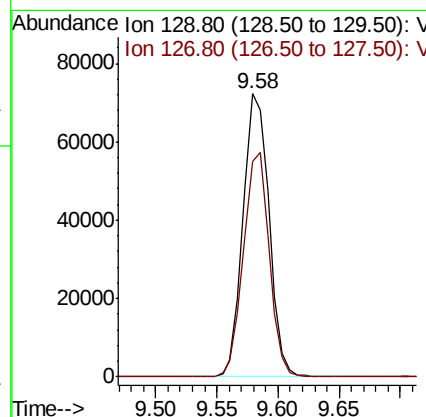
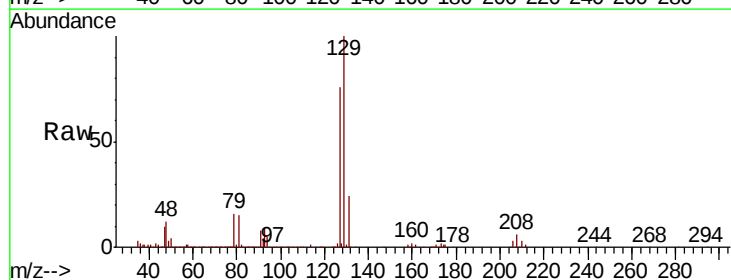
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

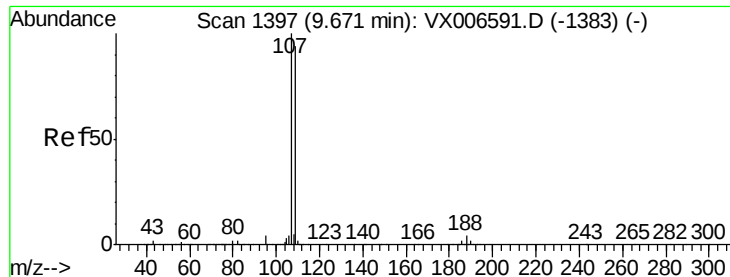
Tot Ion: 43 Resp: 595312  
Ion Ratio Lower Upper  
43 100  
58 56.0 27.7 83.1



#60  
Dibromochloromethane  
Concen: 17.577 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion: 129 Resp: 106553  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.429 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

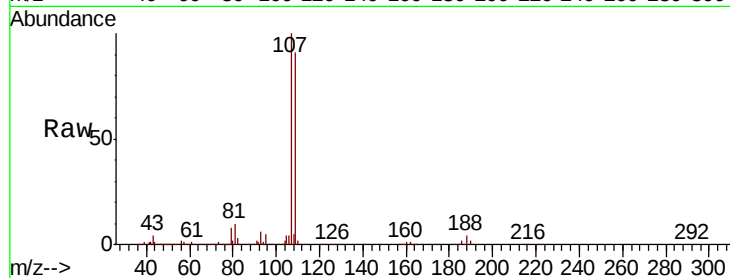
VX1218WBSD02

Tot Ion:107 Resp: 131543

Ion Ratio Lower Upper

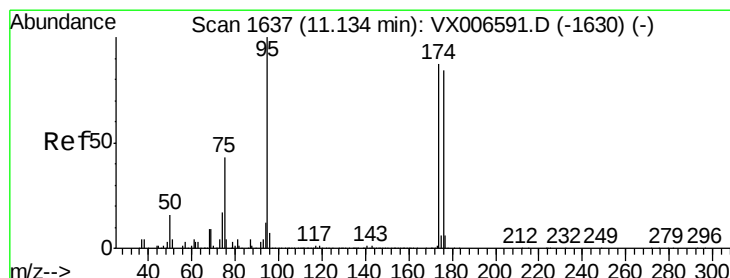
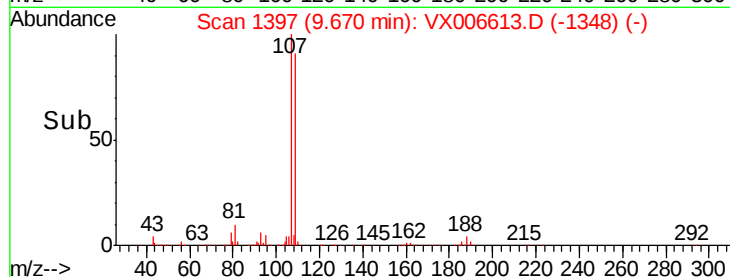
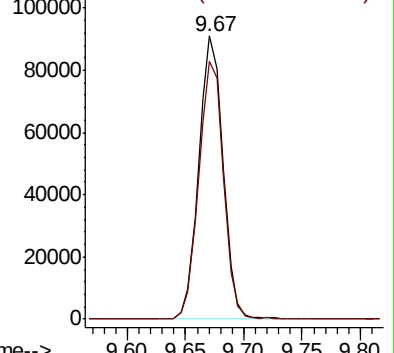
107 100

109 93.3 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.810 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

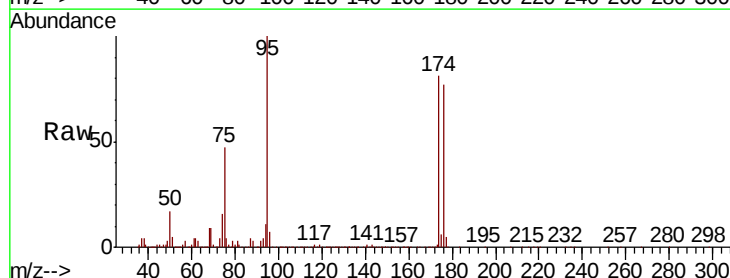
Tgt Ion: 95 Resp: 407725

Ion Ratio Lower Upper

95 100

174 89.7 0.0 187.0

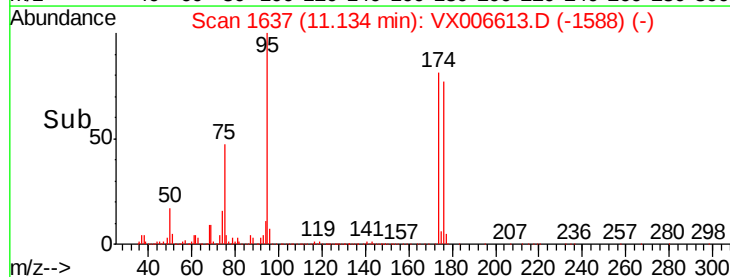
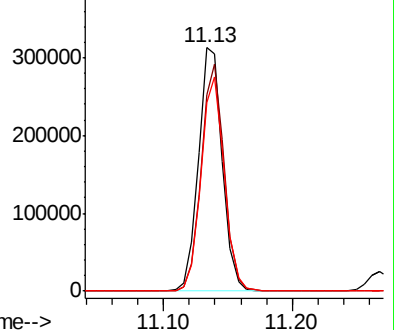
176 86.0 0.0 181.8

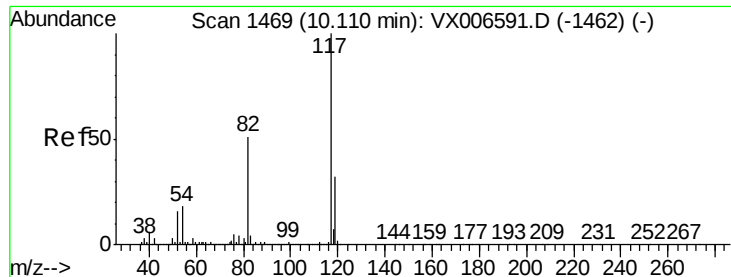


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

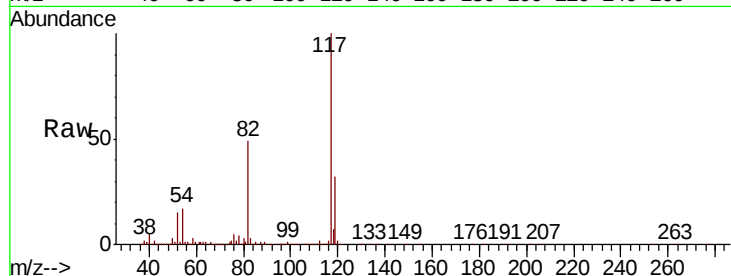




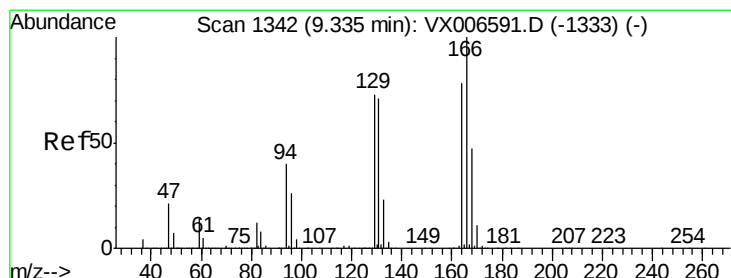
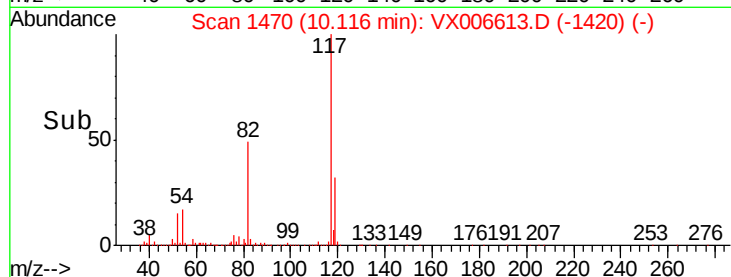
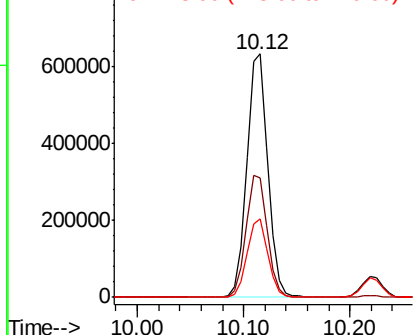
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

Tot Ion:117 Resp: 880216  
Ion Ratio Lower Upper  
117 100  
82 49.2 39.6 59.4  
119 32.1 26.3 39.5

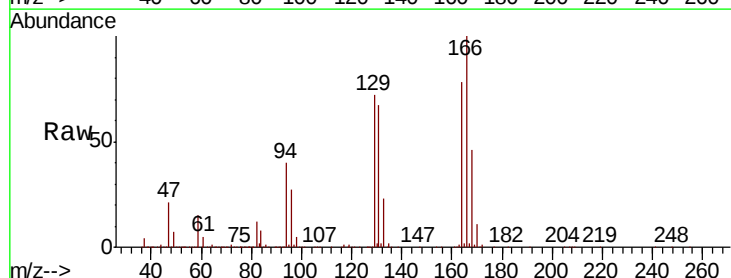


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

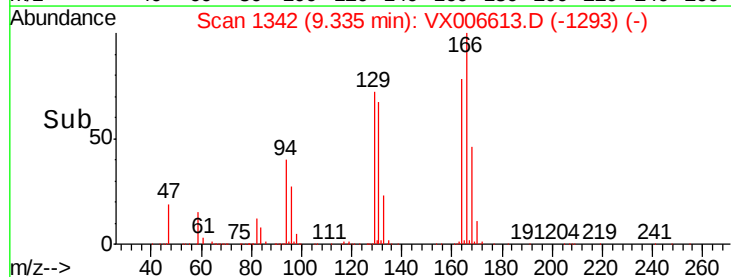
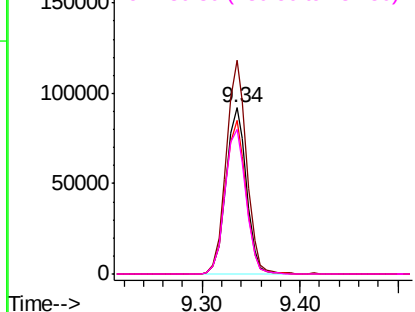


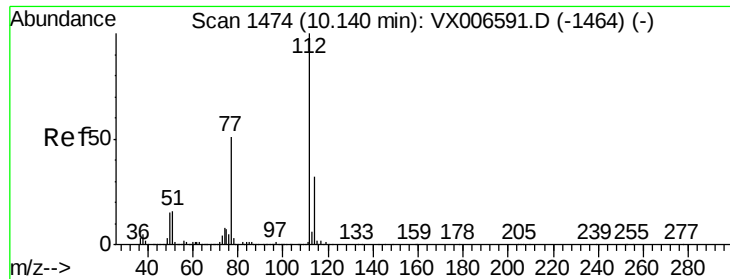
#64  
Tetrachloroethene  
Concen: 19.175 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion:164 Resp: 133649  
Ion Ratio Lower Upper  
164 100  
166 128.5 104.2 156.2  
129 92.5 72.6 108.8  
131 86.7 70.3 105.5



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

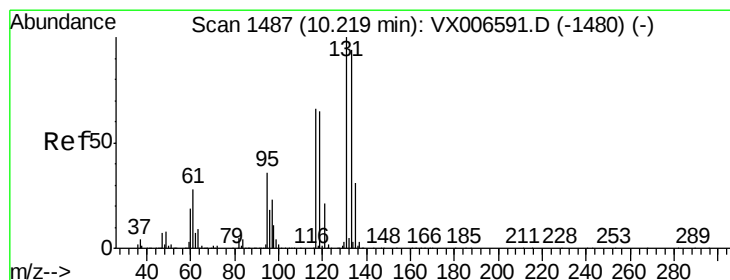
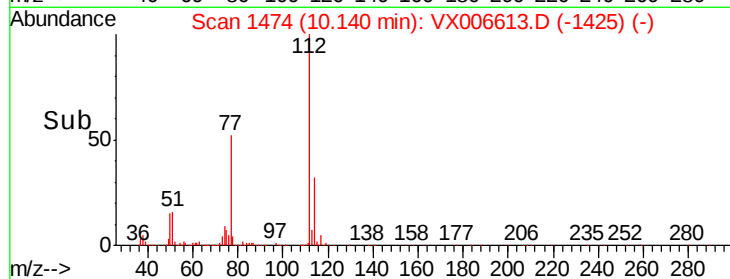
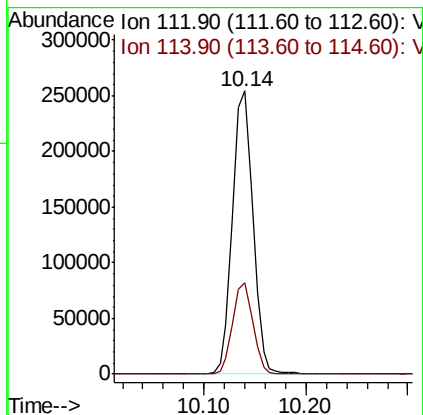
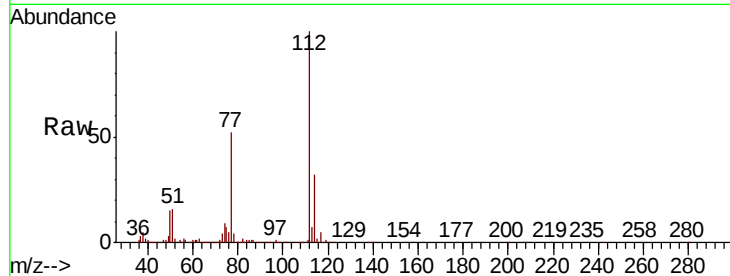




#65  
Chlorobenzene  
Concen: 18.964 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

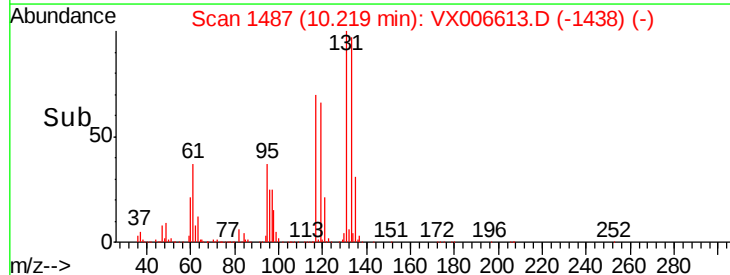
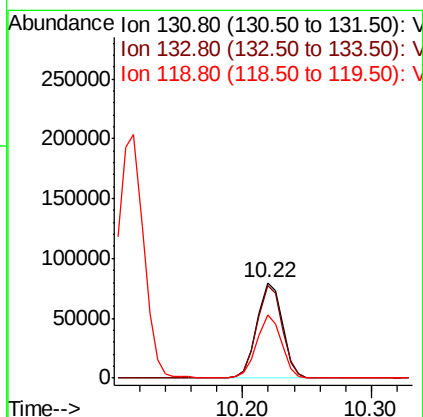
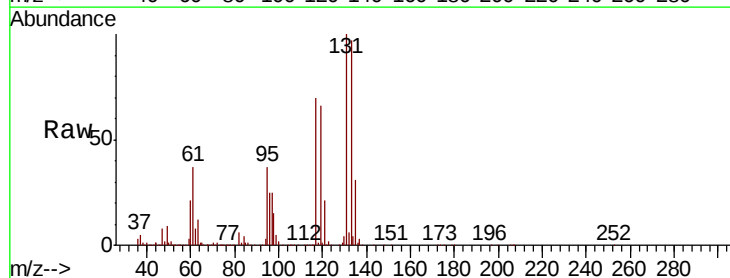
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

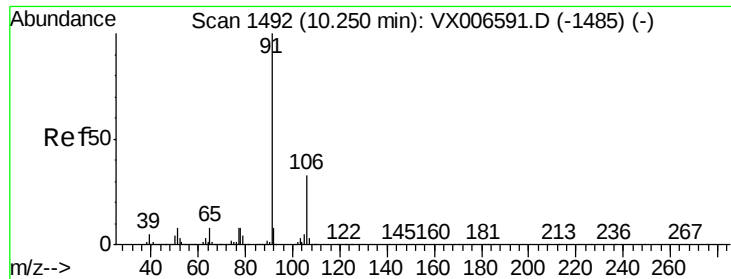
Tot Ion:112 Resp: 353142  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.808 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion:131 Resp: 109274  
Ion Ratio Lower Upper  
131 100  
133 96.6 48.1 144.4  
119 64.4 32.1 96.3





#67

Ethyl Benzene

Concen: 18.814 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

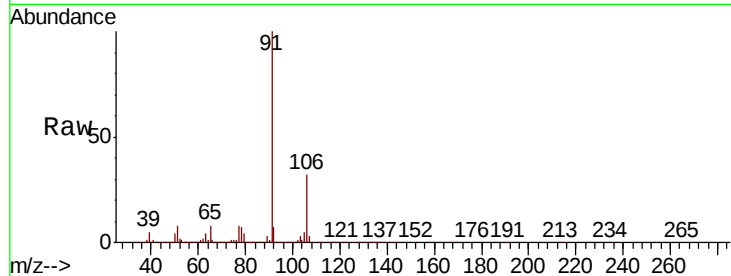
VX1218WBSD02

Tot Ion: 91 Resp: 572491

Ion Ratio Lower Upper

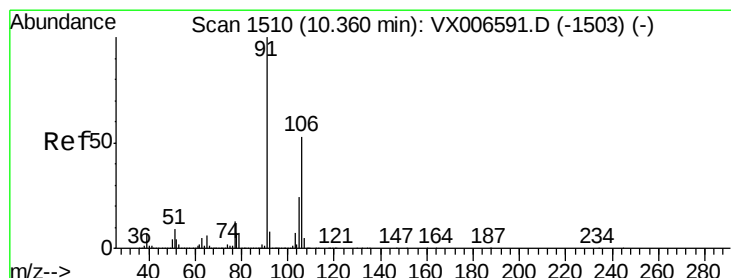
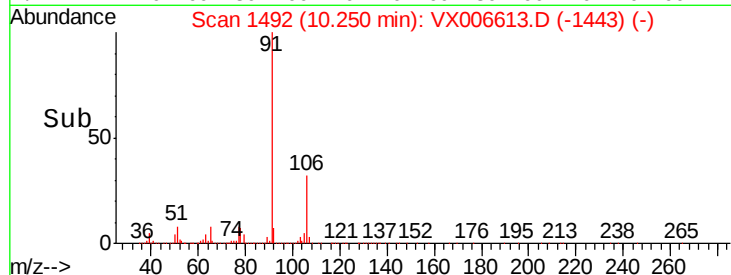
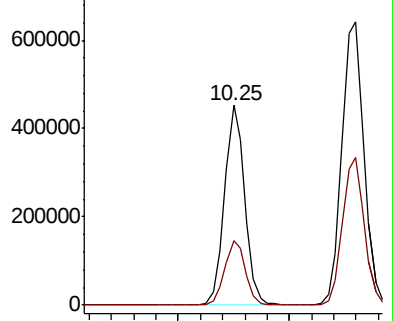
91 100

106 32.4 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006591.D (-1485) (-)



#68

m/p-Xylenes

Concen: 38.287 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006613.D

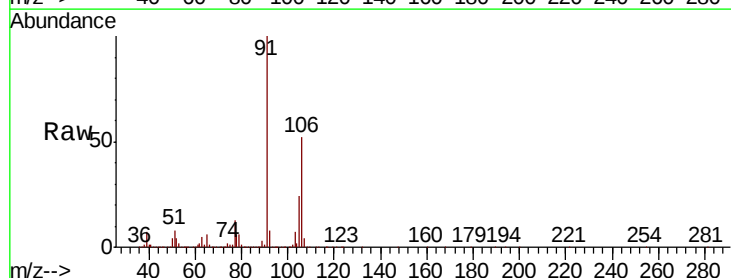
Acq: 18 Dec 2018 22:58

Tgt Ion: 106 Resp: 459717

Ion Ratio Lower Upper

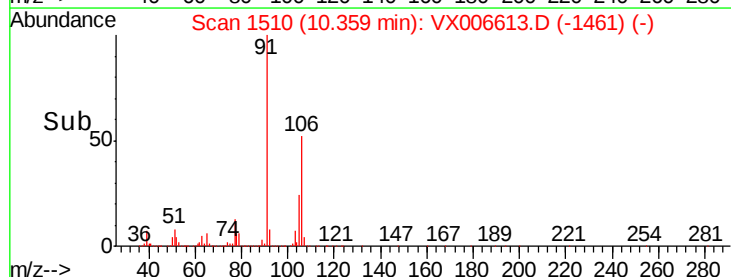
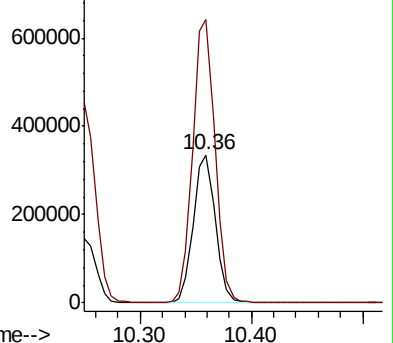
106 100

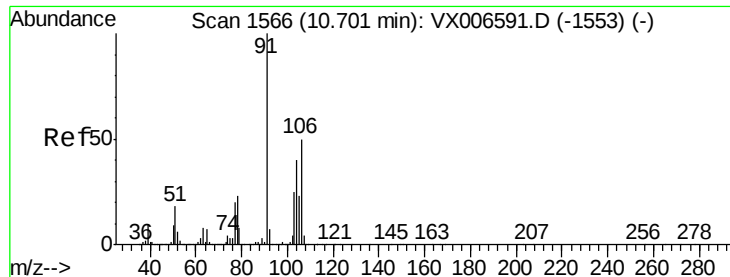
91 194.4 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX006591.D (-1503) (-)

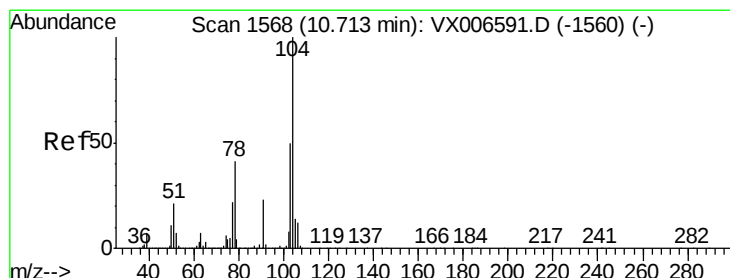
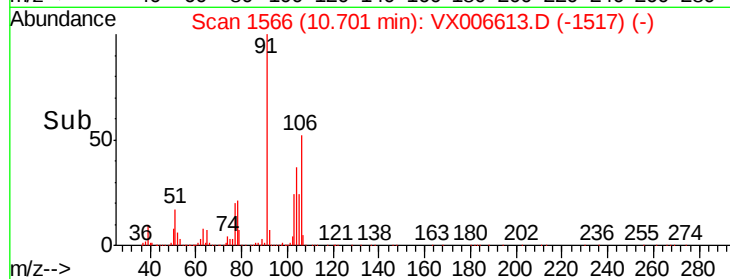
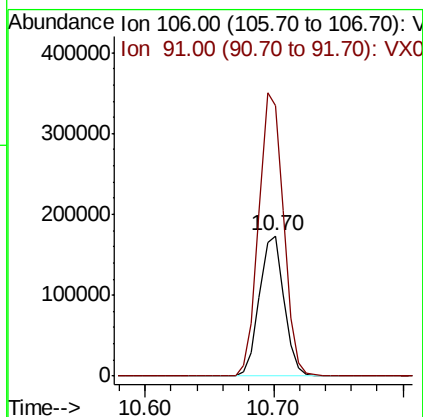
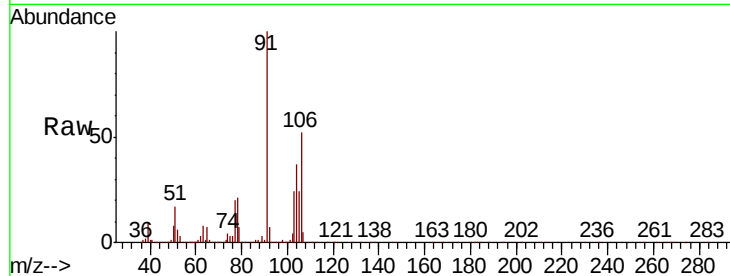




#69  
o-Xylene  
Concen: 19.240 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

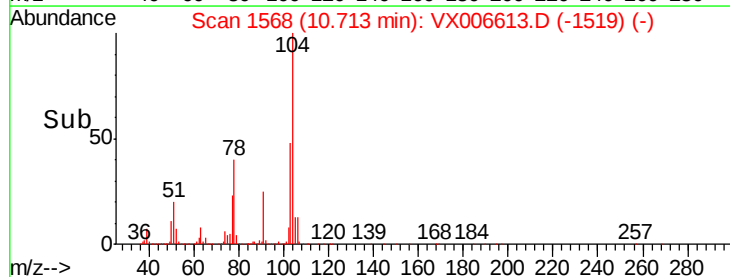
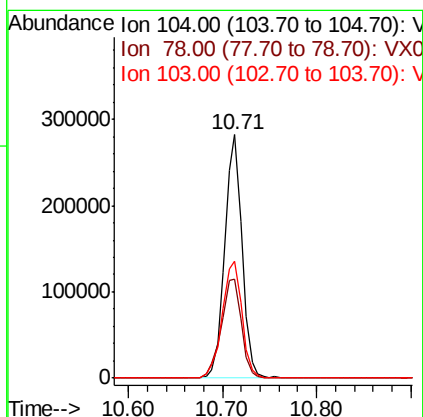
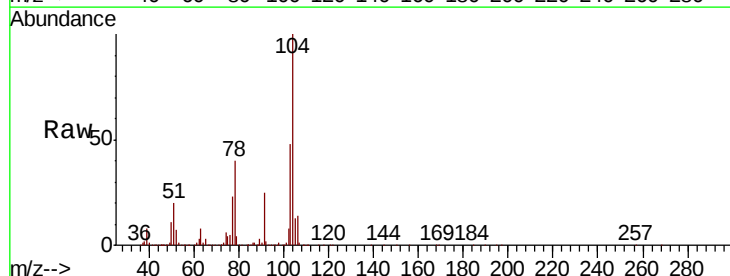
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1218WBSD02

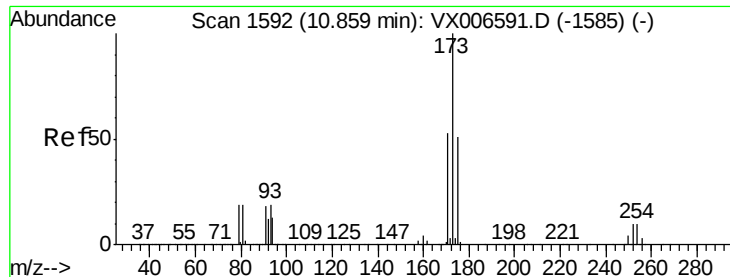
Tot Ion:106 Resp: 228123  
Ion Ratio Lower Upper  
106 100  
91 202.7 101.8 305.6



#70  
Styrene  
Concen: 19.198 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX006613.D  
Acq: 18 Dec 2018 22:58

Tgt Ion:104 Resp: 360117  
Ion Ratio Lower Upper  
104 100  
78 47.3 37.2 55.8  
103 54.9 43.5 65.3





#71

Bromoform

Concen: 17.653 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

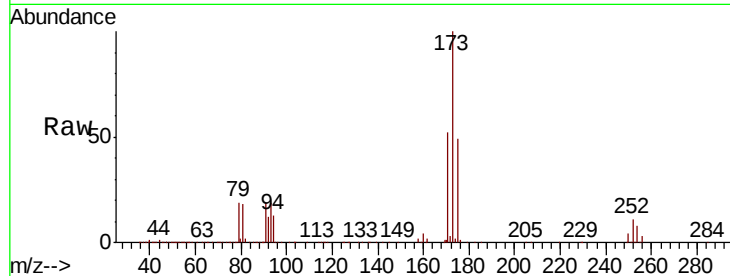
Tot Ion:173 Resp: 75910

Ion Ratio Lower Upper

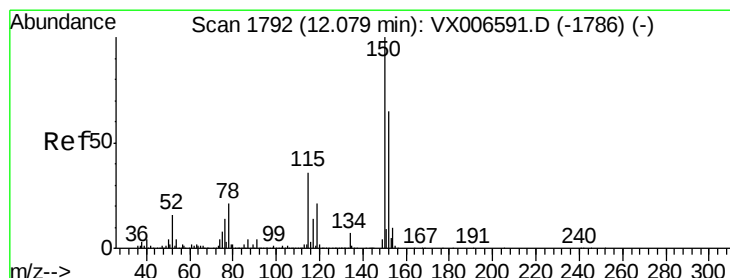
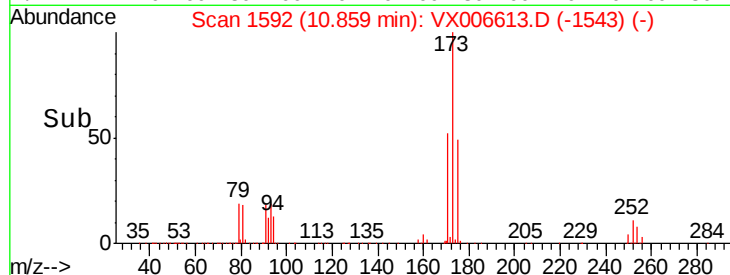
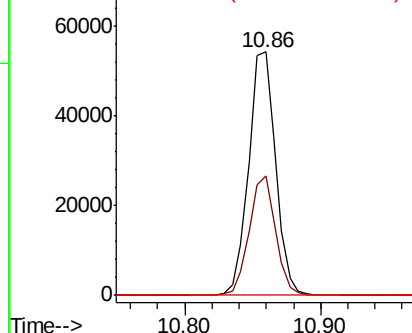
173 100

175 47.7 24.6 73.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

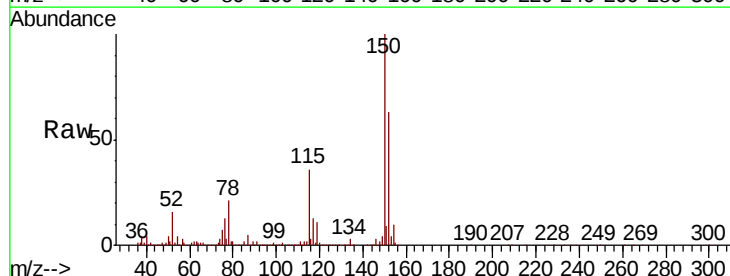
Tgt Ion:152 Resp: 440484

Ion Ratio Lower Upper

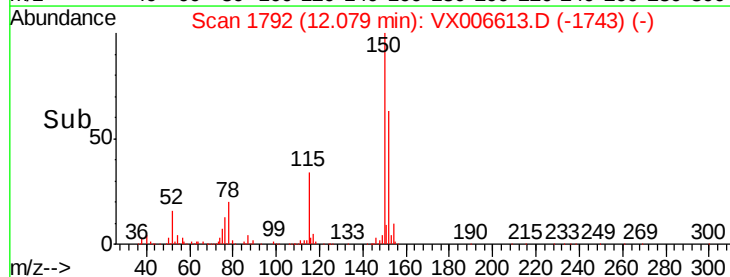
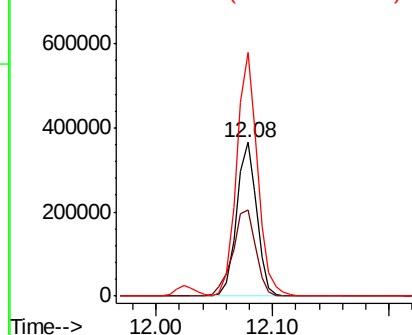
152 100

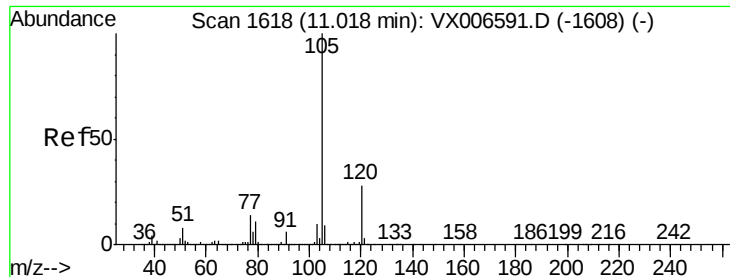
115 64.7 39.0 116.9

150 163.6 0.0 345.8



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





#73

Isopropylbenzene

Concen: 19.701 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

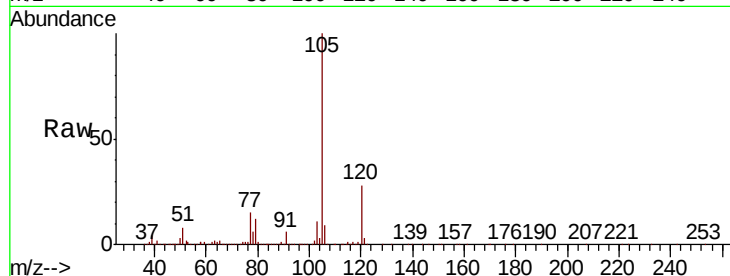
VX1218WBSD02

Tot Ion:105 Resp: 593664

Ion Ratio Lower Upper

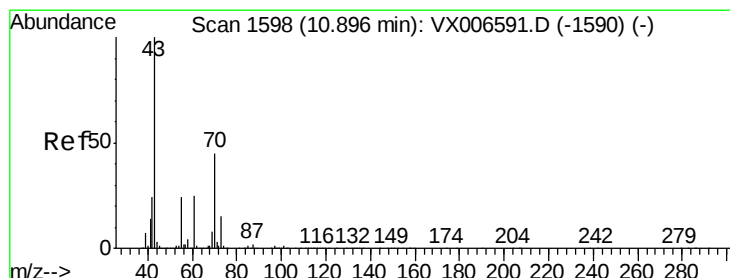
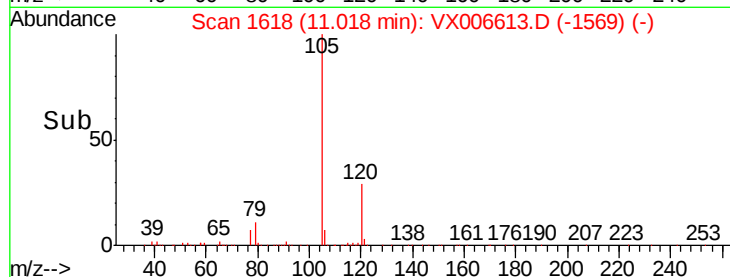
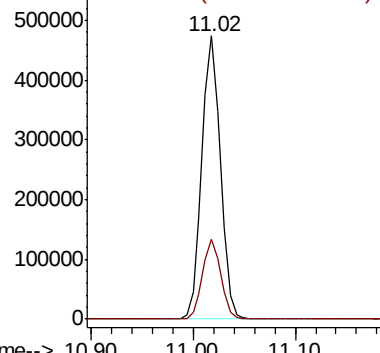
105 100

120 27.8 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.430 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Tgt Ion: 43 Resp: 209583

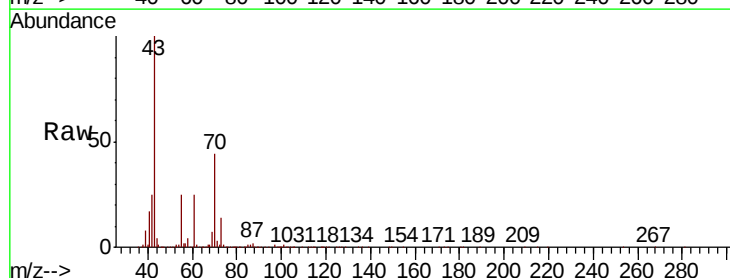
Ion Ratio Lower Upper

43 100

70 45.6 34.1 51.1

55 24.7 17.8 26.8

61 26.0 19.7 29.5

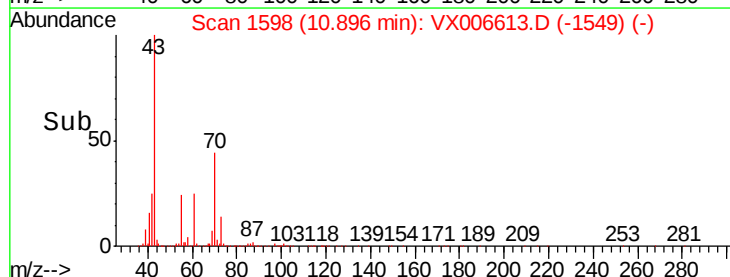
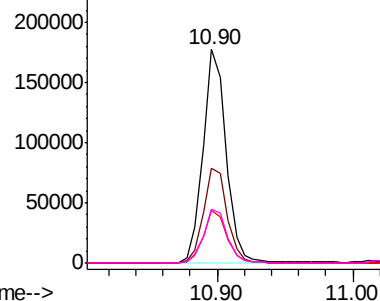


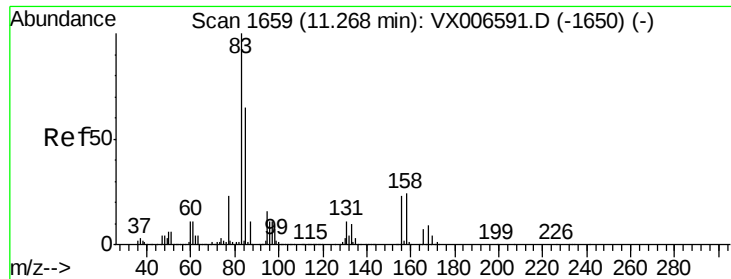
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.763 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

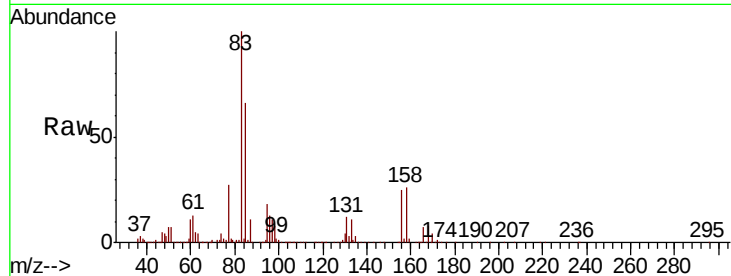
Tot Ion: 83 Resp: 177119

Ion Ratio Lower Upper

83 100

131 11.9 5.7 17.1

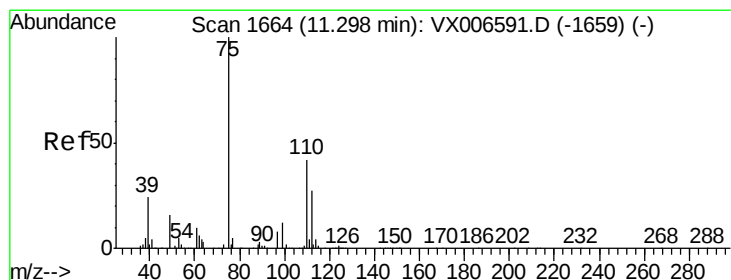
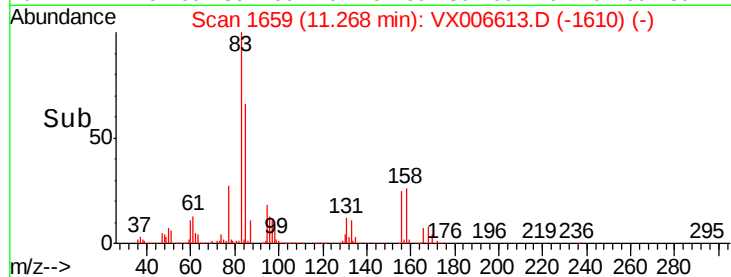
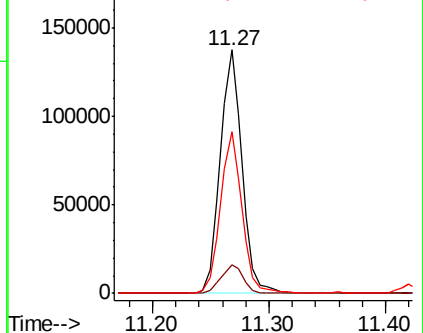
85 65.0 32.1 96.5



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: 24.348 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006613.D

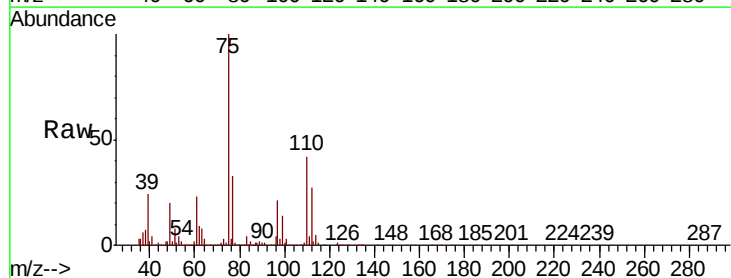
Acq: 18 Dec 2018 22:58

Tgt Ion: 75 Resp: 187970

Ion Ratio Lower Upper

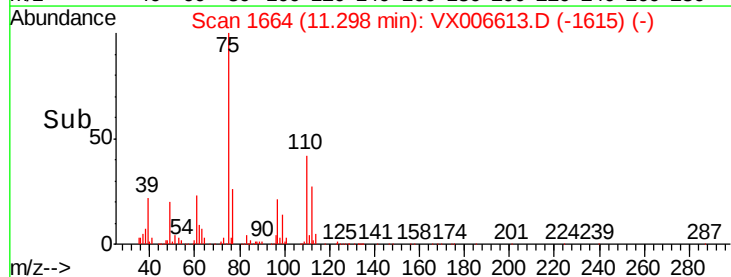
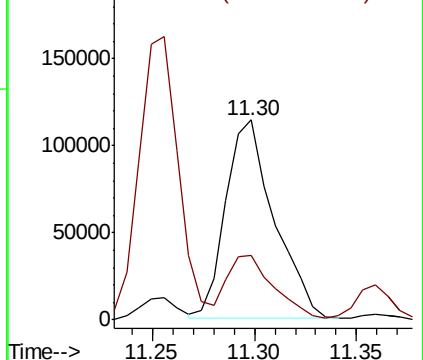
75 100

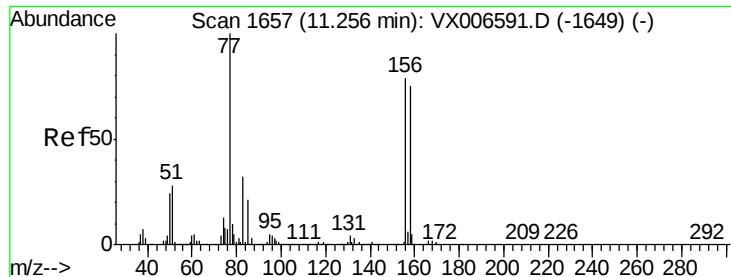
77 31.3 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.328 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

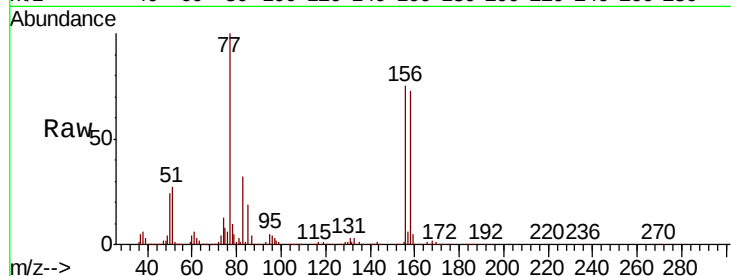
Tot Ion:156 Resp: 157468

Ion Ratio Lower Upper

156 100

77 138.9 66.2 198.6

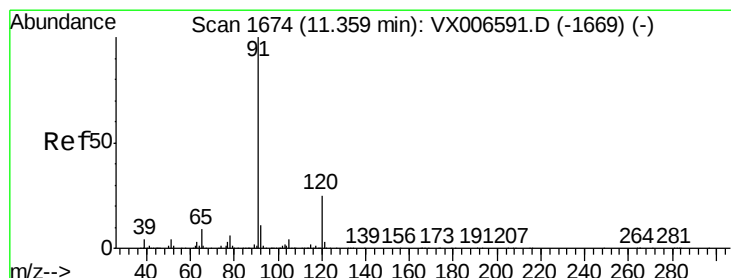
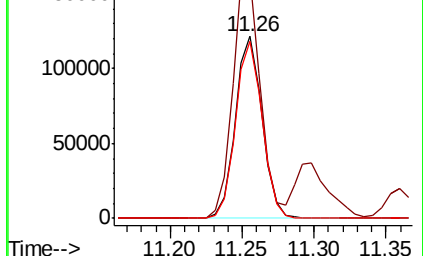
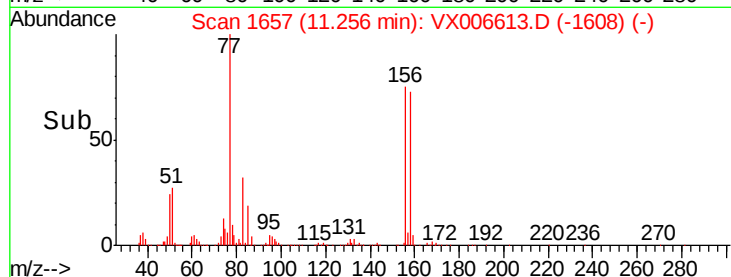
158 97.1 48.8 146.4



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: 19.469 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006613.D

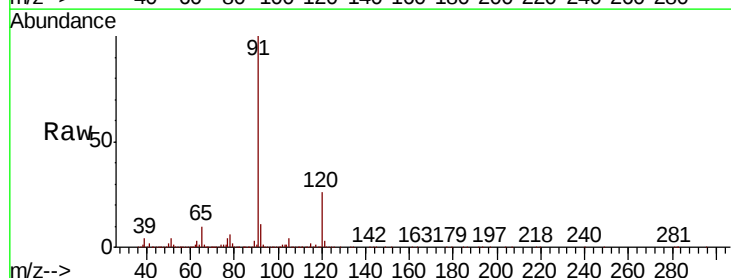
Acq: 18 Dec 2018 22:58

Tgt Ion: 91 Resp: 646071

Ion Ratio Lower Upper

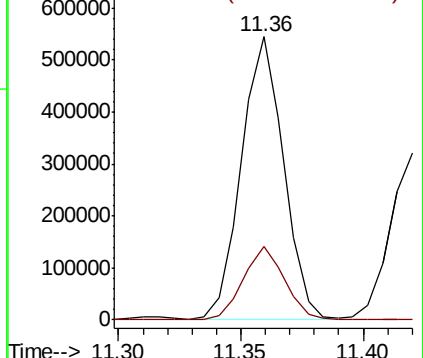
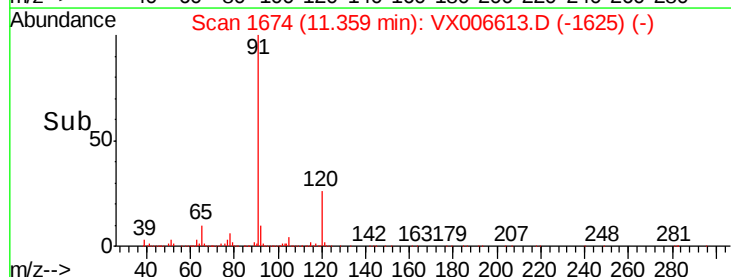
91 100

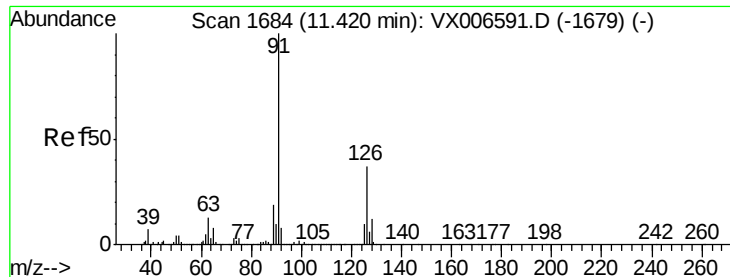
120 25.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.408 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

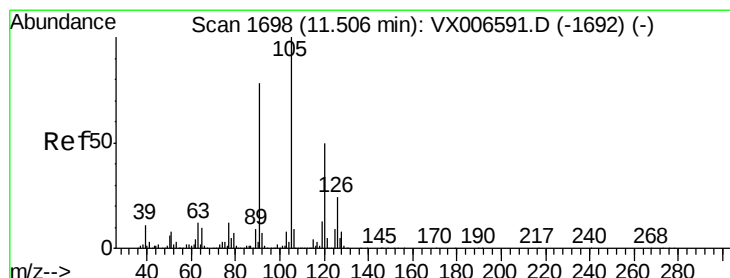
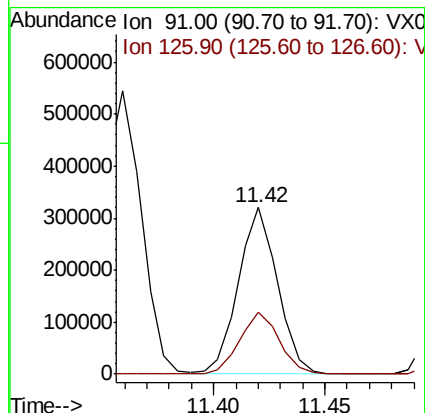
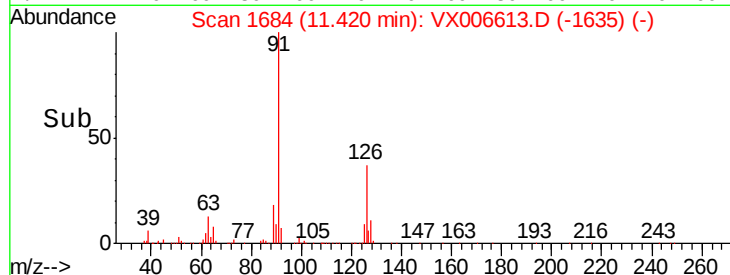
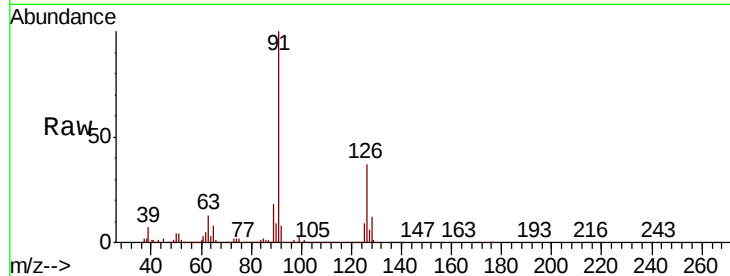
VX1218WBSD02

Tot Ion: 91 Resp: 390287

Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.793 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006613.D

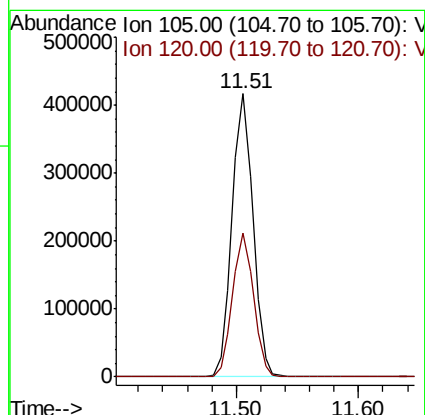
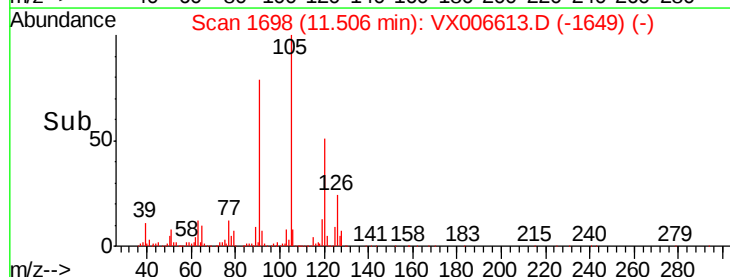
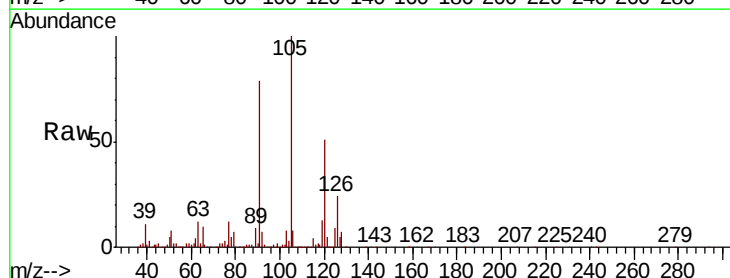
Acq: 18 Dec 2018 22:58

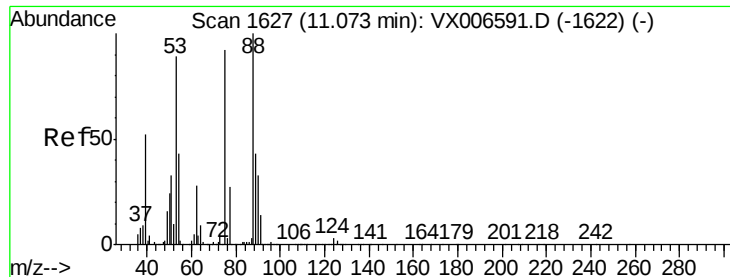
Tgt Ion: 105 Resp: 491263

Ion Ratio Lower Upper

105 100

120 51.0 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.055 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

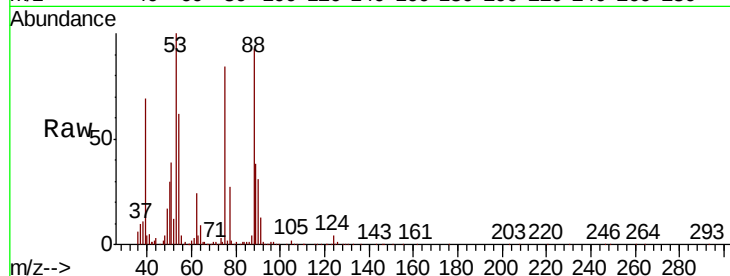
Tot Ion: 75 Resp: 34743

Ion Ratio Lower Upper

75 100

53 118.3 64.4 96.6#

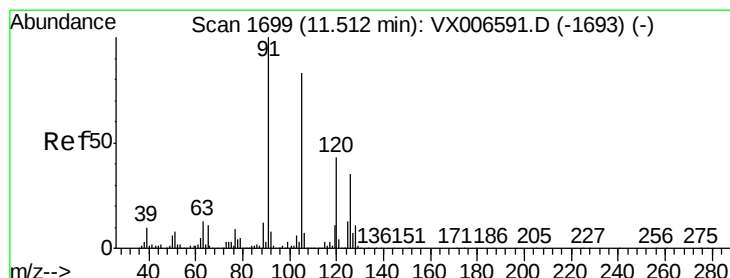
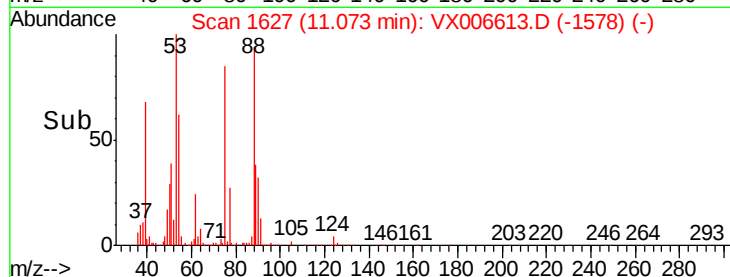
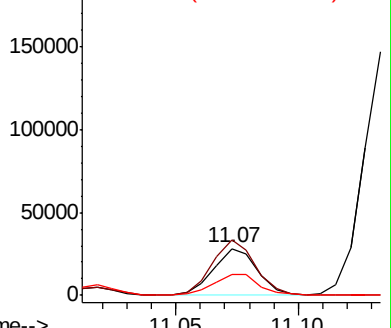
89 47.2 44.2 66.4



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: 19.500 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006613.D

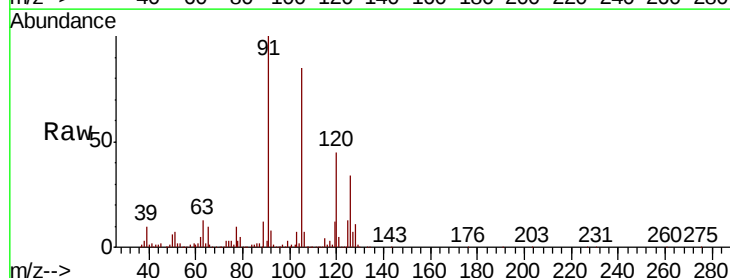
Acq: 18 Dec 2018 22:58

Tgt Ion: 91 Resp: 449819

Ion Ratio Lower Upper

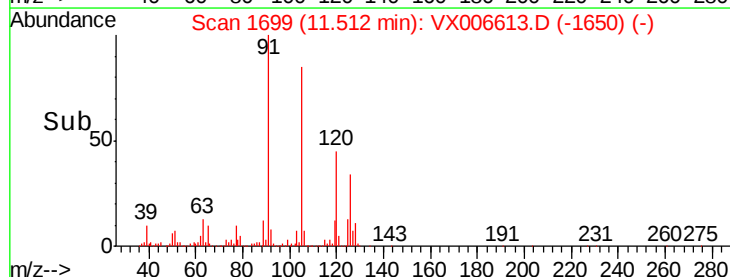
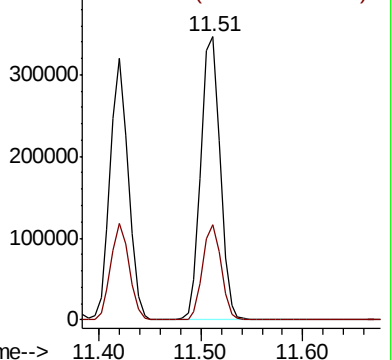
91 100

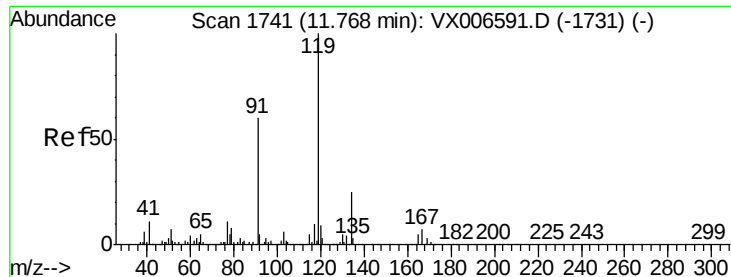
126 32.1 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

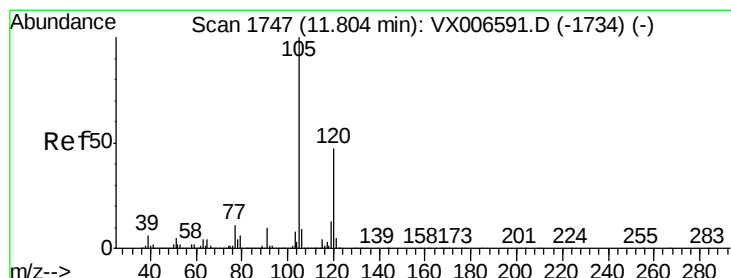
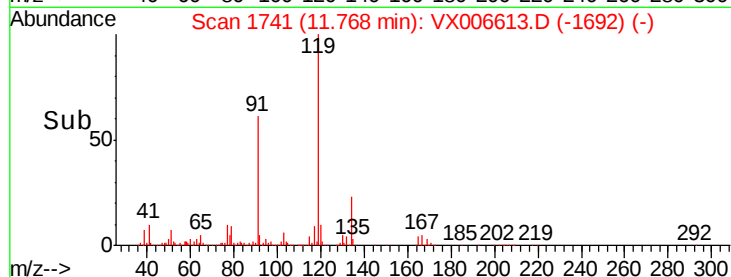
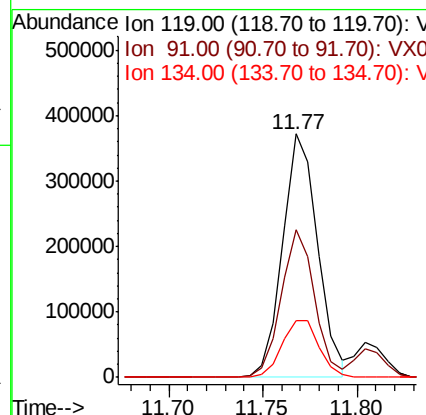
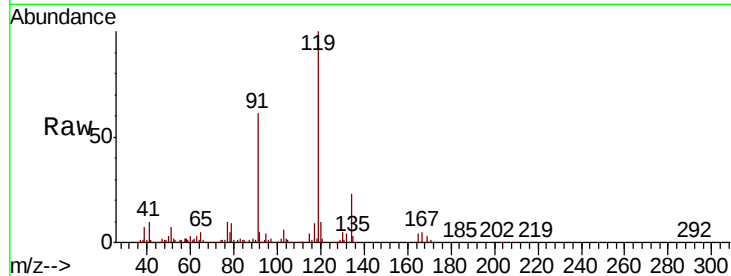




#83  
 tert-Butylbenzene  
 Concen: 19.312 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

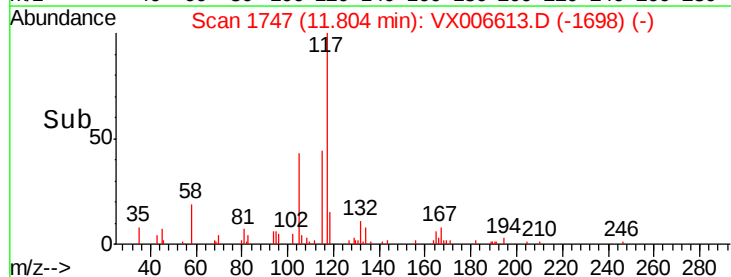
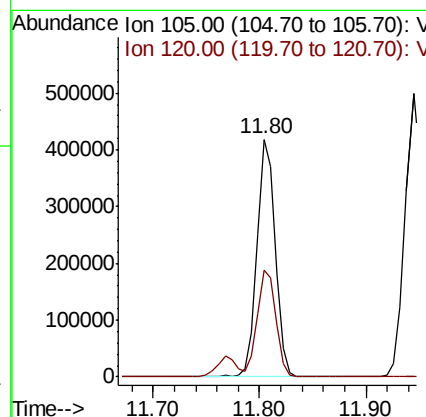
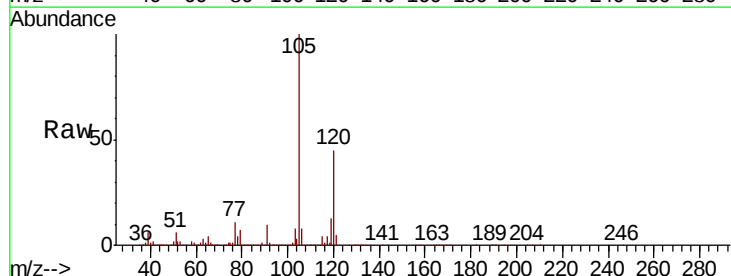
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX1218WBSD02

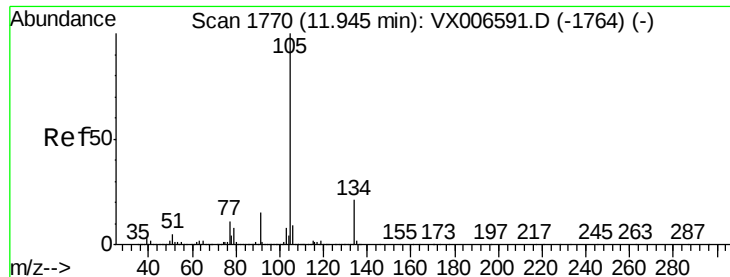
Tot Ion:119 Resp: 479734  
 Ion Ratio Lower Upper  
 119 100  
 91 57.7 26.4 79.2  
 134 24.9 11.6 34.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.471 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

Tgt Ion:105 Resp: 508331  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.452 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

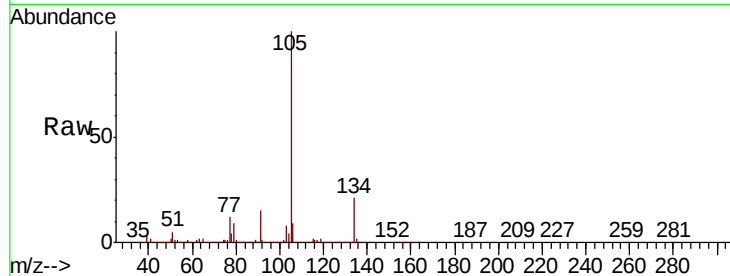
VX1218WBSD02

Tot Ion:105 Resp: 592458

Ion Ratio Lower Upper

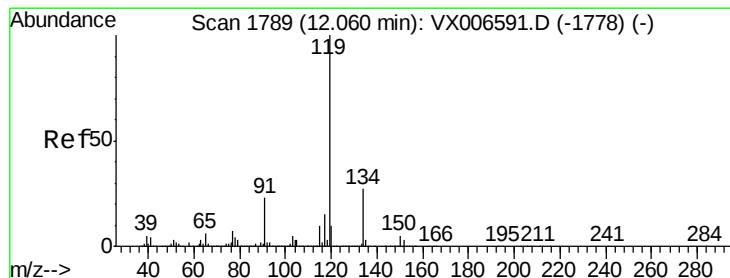
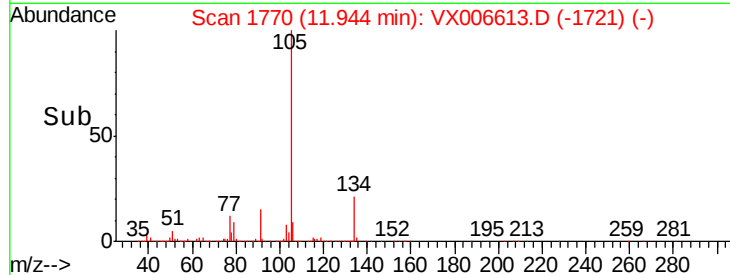
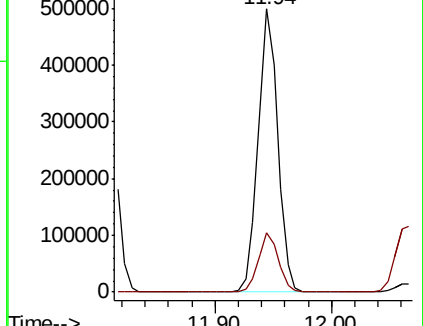
105 100

134 21.1 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.673 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

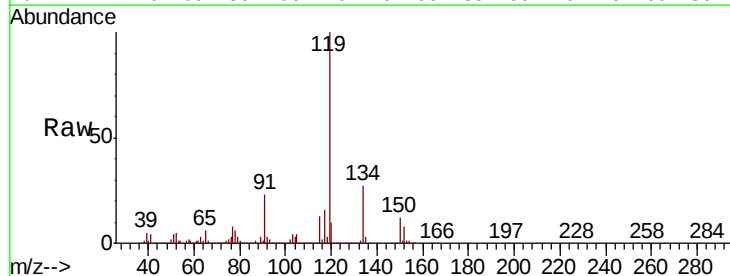
Tgt Ion:119 Resp: 526706

Ion Ratio Lower Upper

119 100

134 27.4 13.9 41.6

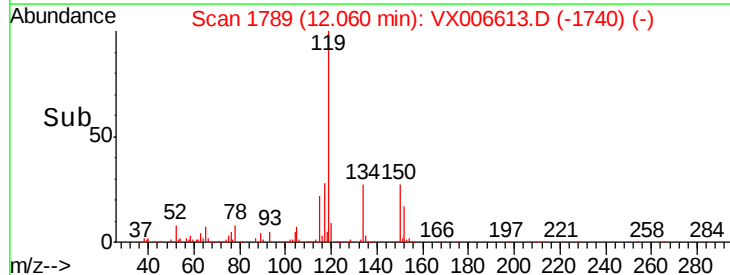
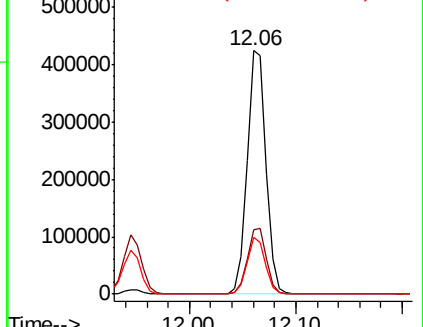
91 22.7 11.3 33.8

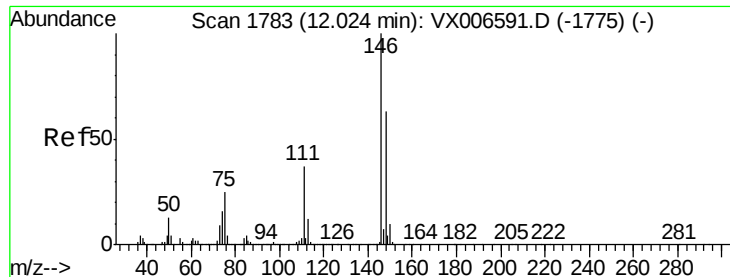


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.245 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

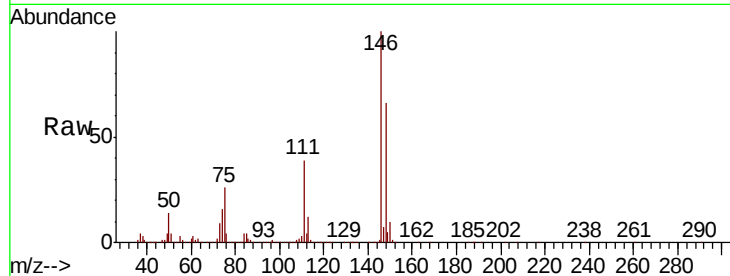
Tot Ion:146 Resp: 282567

Ion Ratio Lower Upper

146 100

111 38.1 18.4 55.2

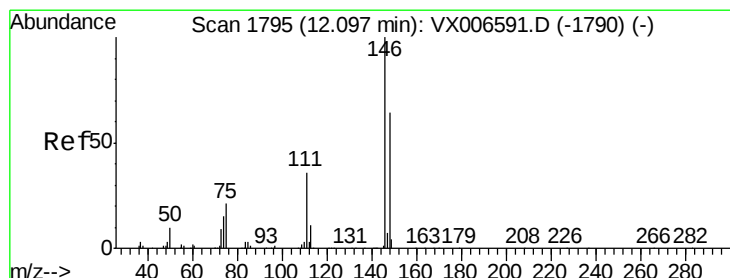
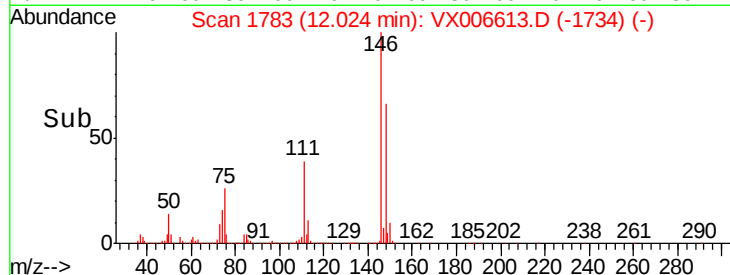
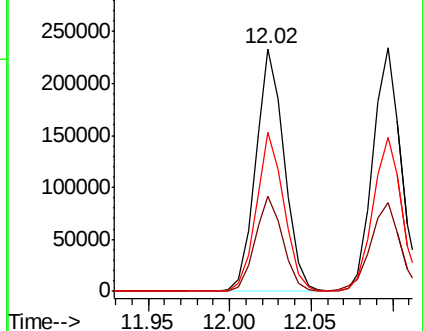
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.501 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

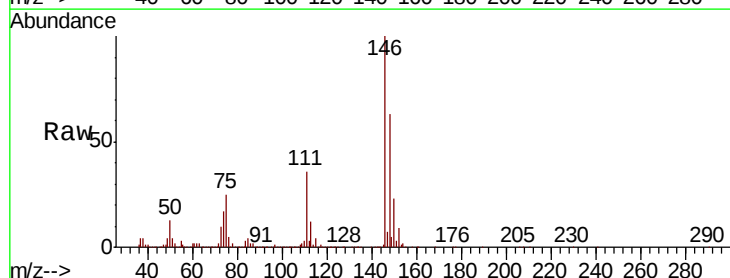
Tgt Ion:146 Resp: 278811

Ion Ratio Lower Upper

146 100

111 38.8 18.3 54.8

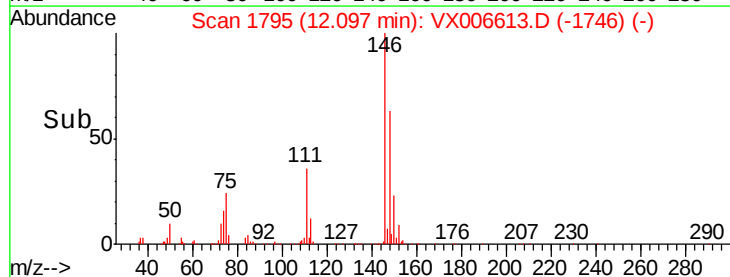
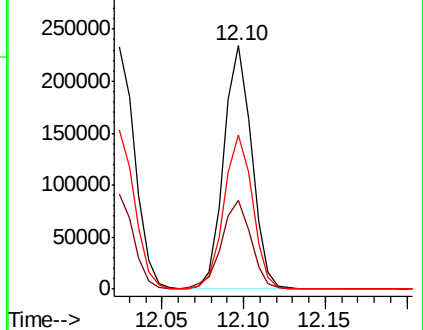
148 65.3 31.9 95.9

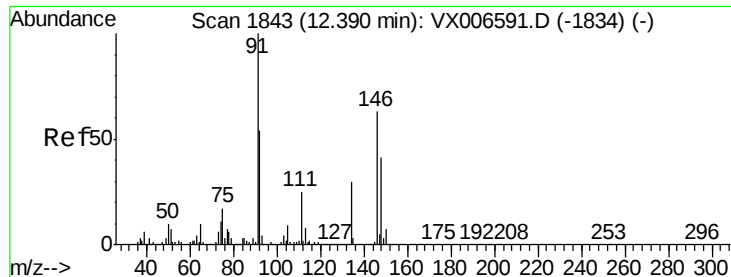


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.867 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

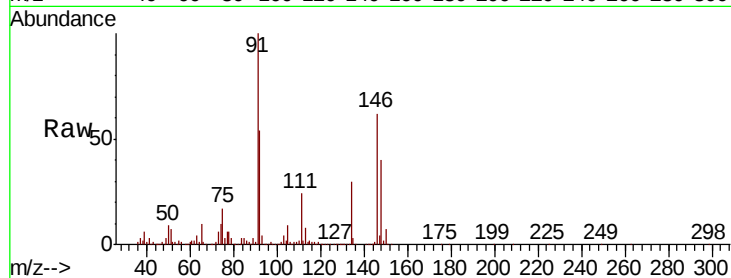
Tot Ion: 91 Resp: 429891

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.8

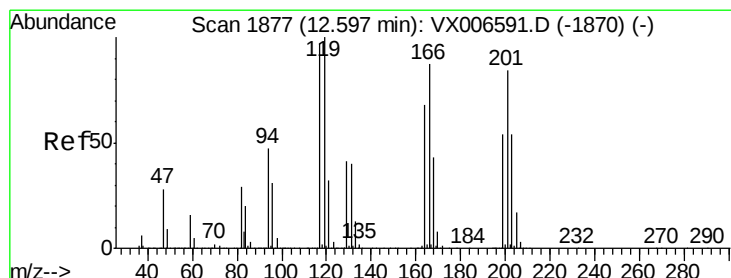
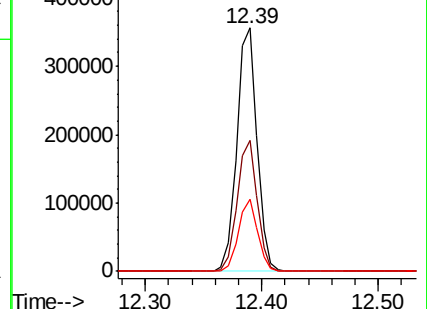
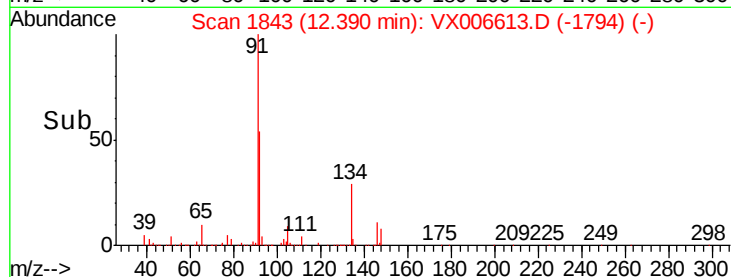
134 28.6 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX006613.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX006613.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX006613.D (-1794) (-)



#90

Hexachloroethane

Concen: 18.185 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006613.D

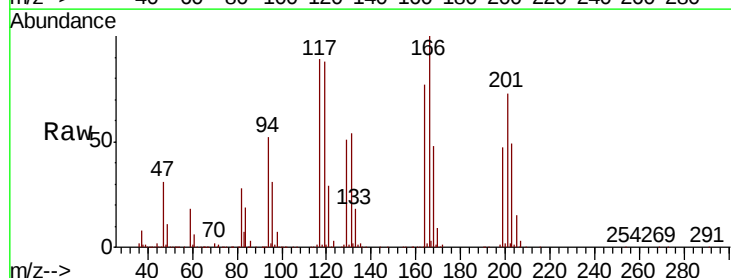
Acq: 18 Dec 2018 22:58

Tgt Ion: 117 Resp: 66798

Ion Ratio Lower Upper

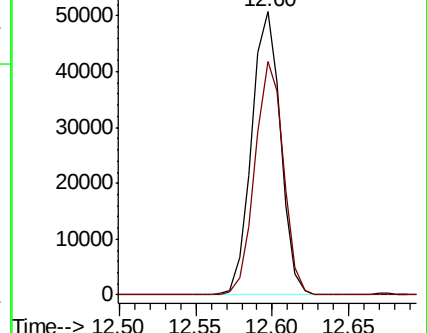
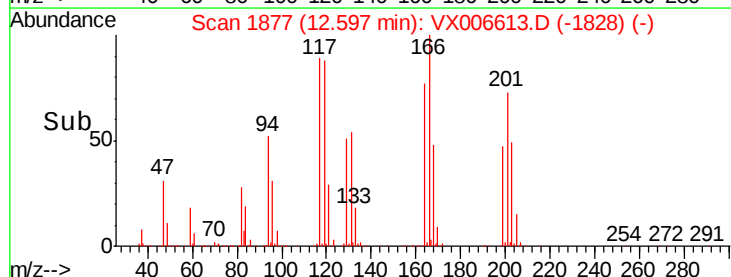
117 100

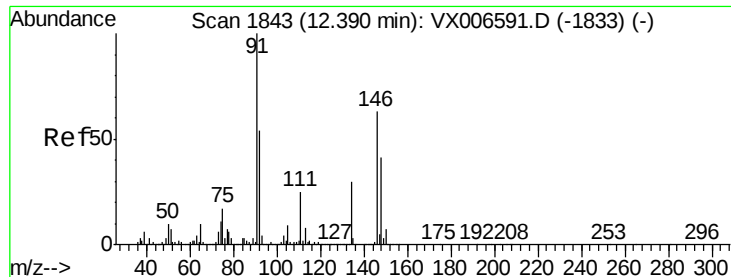
201 81.0 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): VX006613.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX006613.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 19.124 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

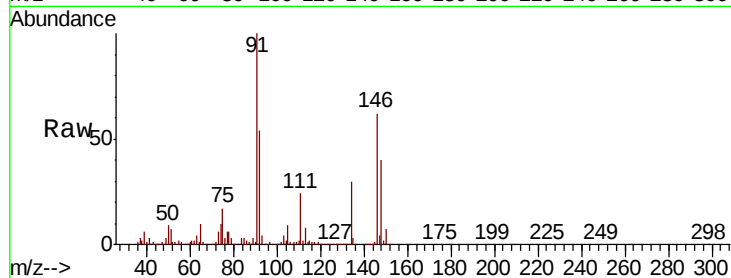
Tot Ion:146 Resp: 280896

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.3

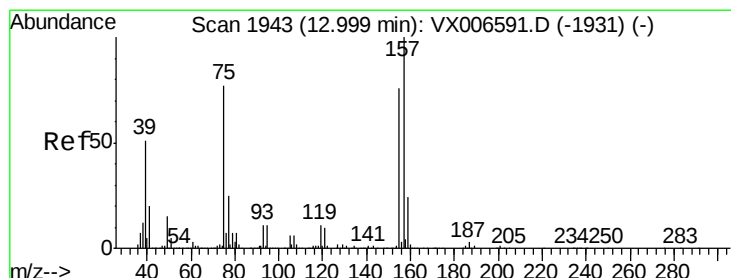
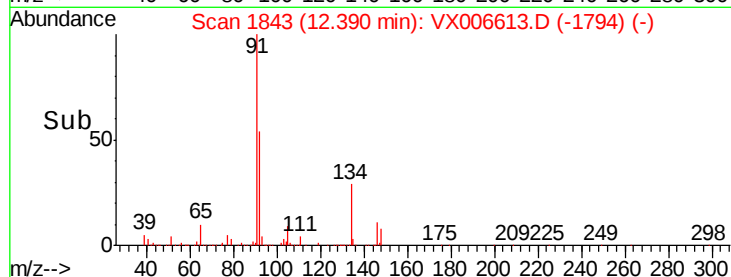
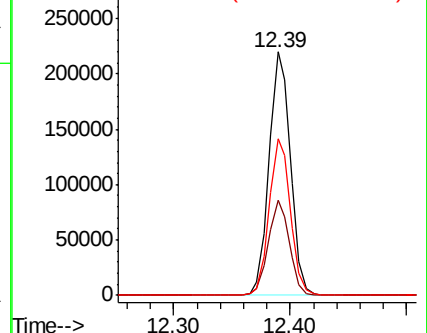
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.850 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

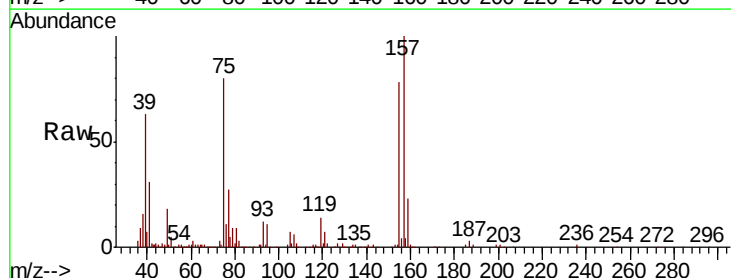
Tgt Ion: 75 Resp: 33101

Ion Ratio Lower Upper

75 100

155 100.7 53.4 160.3

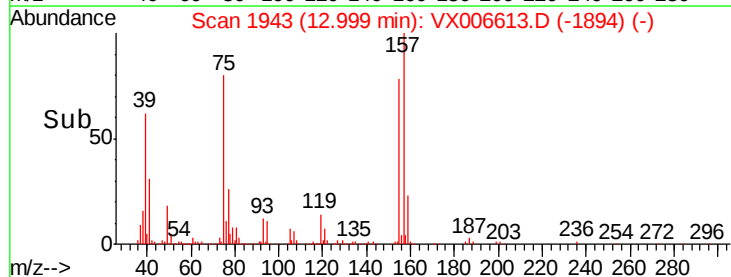
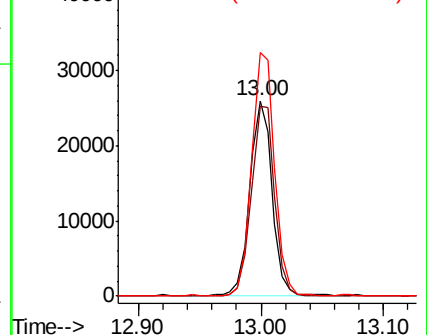
157 127.7 68.0 203.8

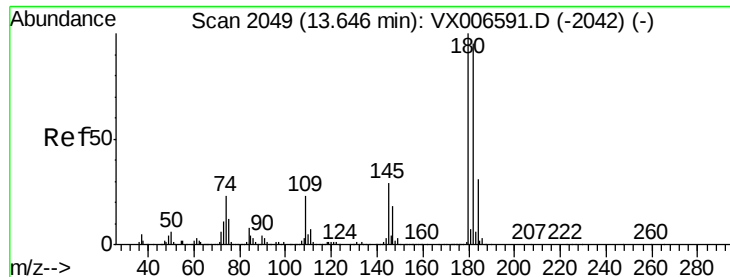


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

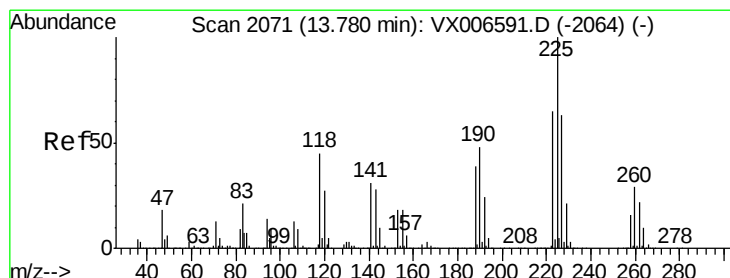
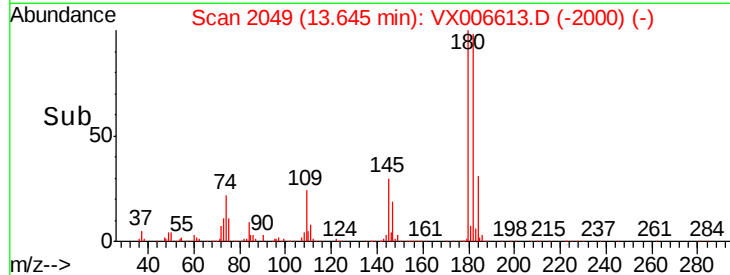
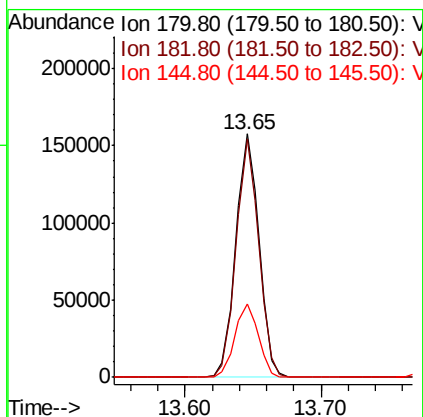
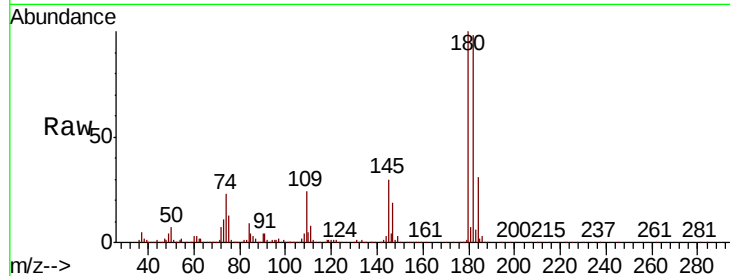




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.434 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

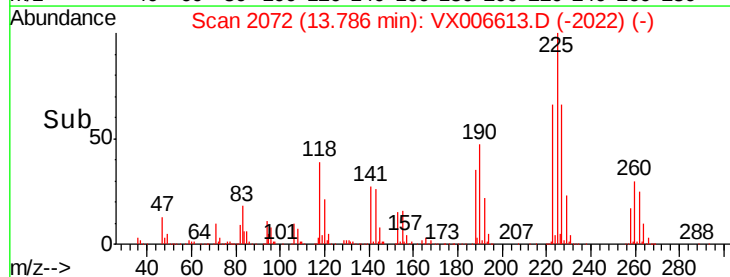
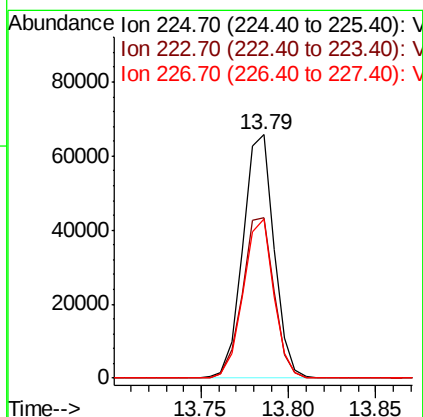
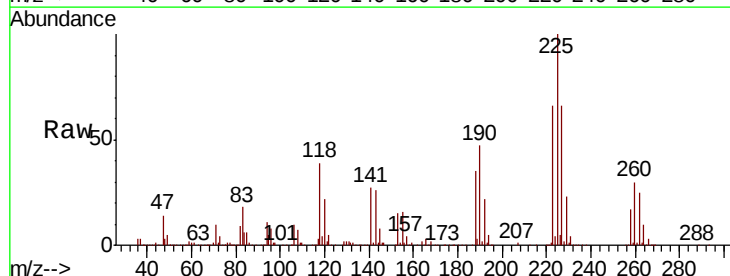
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1218WBSD02

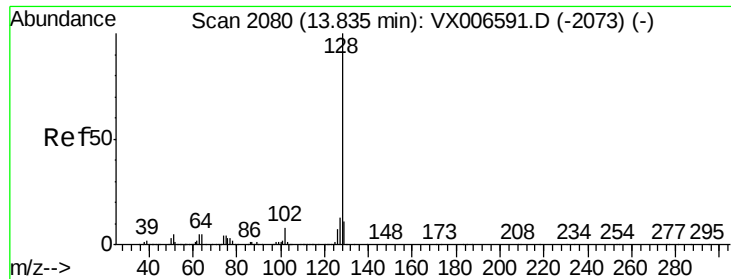
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 47.3  | 141.9 |
| 145     | 30.6  | 14.6  | 43.8  |



#94  
 Hexachlorobutadiene  
 Concen: 17.078 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. 0.01 min  
 Lab File: VX006613.D  
 Acq: 18 Dec 2018 22:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.8  | 31.2  | 93.6  |
| 227     | 64.2  | 31.9  | 95.5  |





#95

Naphthalene

Concen: 19.015 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1218WBSD02

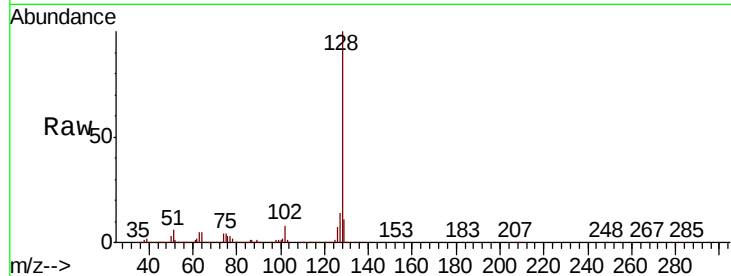
Tot Ion:128 Resp: 614886

Ion Ratio Lower Upper

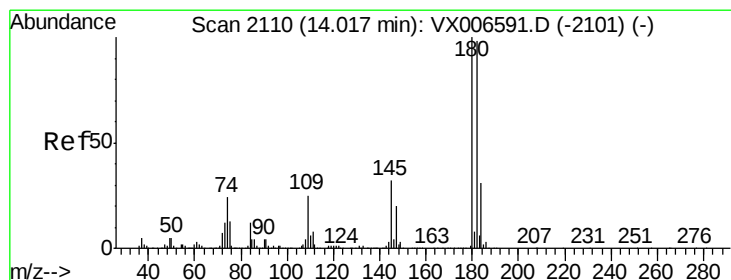
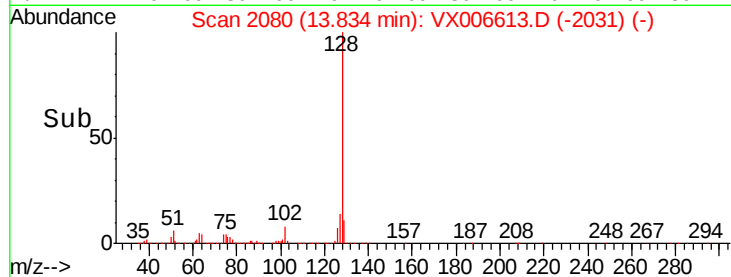
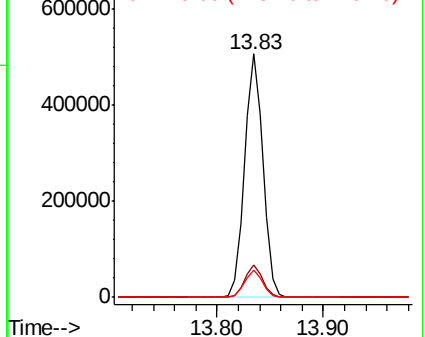
128 100

127 13.0 10.2 15.4

129 10.9 8.9 13.3



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: 18.745 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006613.D

Acq: 18 Dec 2018 22:58

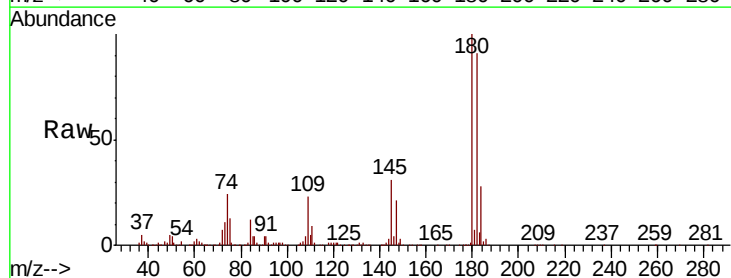
Tgt Ion:180 Resp: 196089

Ion Ratio Lower Upper

180 100

182 93.3 48.4 145.2

145 31.3 15.6 46.8



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

