

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX021319\  
 Data File : VX007501.D  
 Acq On : 12 Feb 2019 23:29  
 Operator : JC/SP  
 Sample : VSTDIC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

Quant Time: Feb 13 07:22:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X021319W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 13 07:08:48 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.02  | 128  | 77982    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.86  | 114  | 416106   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 376111   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |        |
|---------------------------|--------|-------|----------|----------|------|--------|
| 27) 1,2-Dichloroethane-d4 | 6.07   | 65    | 146603   | 28.69    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 95.63% |
| 60) 4-Bromofluorobenzene  | 11.13  | 95    | 173127   | 29.94    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 99.80% |
| 63) Toluene-d8            | 8.71   | 98    | 504013   | 29.73    | ug/l | 0.00   |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 99.10% |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 195727 | 53.575  | ug/l | 100    |
| 3) Chloromethane              | 1.33 | 50  | 213753 | 52.890  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 239392 | 52.603  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 219006 | 48.540  | ug/l | 98     |
| 6) Chloroethane               | 1.72 | 64  | 153366 | 50.065  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 367804 | 48.437  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 146506 | 50.654  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 209361 | 47.076  | ug/l | 100    |
| 10) 1,1-Dichloroethene        | 2.37 | 96  | 207051 | 50.428  | ug/l | 97     |
| 11) Methyl Iodide             | 2.51 | 142 | 315985 | 48.912  | ug/l | 100    |
| 12) Methyl Acetate            | 2.78 | 43  | 268498 | 40.326  | ug/l | 99     |
| 13) Acrolein                  | 2.30 | 56  | 247154 | 412.091 | ug/l | 98     |
| 14) Acrylonitrile             | 3.15 | 53  | 671422 | 258.142 | ug/l | 99     |
| 15) Acetone                   | 2.45 | 58  | 181147 | 248.115 | ug/l | 91     |
| 16) Carbon Disulfide          | 2.57 | 76  | 566623 | 55.807  | ug/l | 100    |
| 17) Allyl chloride            | 2.73 | 41  | 353365 | 49.960  | ug/l | 98     |
| 18) Methylene Chloride        | 2.86 | 84  | 233912 | 49.929  | ug/l | 97     |
| 19) trans-1,2-Dichloroethene  | 3.17 | 96  | 222916 | 50.369  | ug/l | 97     |
| 20) Diisopropyl ether         | 3.87 | 45  | 677412 | 51.198  | ug/l | 96     |
| 21) 1,1-Dichloroethane        | 3.70 | 63  | 378818 | 50.405  | ug/l | 99     |
| 22) cis-1,2-Dichloroethene    | 4.60 | 96  | 250707 | 51.268  | ug/l | 99     |
| 23) tert-Butyl Alcohol        | 3.07 | 59  | 277630 | 255.147 | ug/l | 100    |
| 24) Methyl tert-Butyl Ether   | 3.20 | 73  | 715121 | 49.978  | ug/l | 99     |
| 25) Chloroform                | 5.21 | 83  | 402991 | 51.641  | ug/l | 93     |
| 26) Cyclohexane               | 5.57 | 56  | 325223 | 51.009  | ug/l | # 99   |
| 29) 1,1-Dichloropropene       | 5.80 | 75  | 290756 | 52.764  | ug/l | 98     |
| 30) 2-Butanone                | 4.70 | 43  | 868714 | 265.543 | ug/l | 99     |
| 31) 2,2-Dichloropropane       | 4.59 | 77  | 235108 | 43.827  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 345322 | 52.753  | ug/l | 100    |
| 33) Carbon Tetrachloride      | 5.79 | 117 | 302158 | 52.451  | ug/l | 97     |
| 34) Benzene                   | 6.15 | 78  | 898993 | 52.703  | ug/l | 97     |
| 35) Methacrylonitrile         | 5.06 | 41  | 177011 | 52.752  | ug/l | 98     |
| 36) 1,2-Dichloroethane        | 6.20 | 62  | 304135 | 51.812  | ug/l | 99     |
| 37) Trichloroethene           | 7.21 | 130 | 258301 | 51.576  | ug/l | 99     |
| 38) Methylcyclohexane         | 7.46 | 83  | 336178 | 48.636  | ug/l | 99     |
| 39) 1,2-Dichloropropane       | 7.51 | 63  | 224637 | 52.483  | ug/l | 98     |
| 40) Dibromomethane            | 7.66 | 93  | 161396 | 52.029  | ug/l | 96     |

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 Operator : JC/SP  
 Sample : VSTDIC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

Quant Time: Feb 13 07:22:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X021319W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 13 07:08:48 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 41) Bromodichloromethane       | 7.90  | 83   | 293366   | 54.028   | ug/l  | 99       |
| 42) Vinyl Acetate              | 3.82  | 43   | 3028930  | 268.266  | ug/l  | 100      |
| 43) Ethyl Acetate              | 4.57  | 43   | 2511     | 0.406    | ug/l  | 99       |
| 44) Isopropyl Acetate          | 6.46  | 43   | 510738   | 53.127   | ug/l  | 99       |
| 45) 1,4-Dioxane                | 7.75  | 88   | 120928   | 1046.298 | ug/l  | 99       |
| 46) Methyl methacrylate        | 7.77  | 41   | 261600   | 53.532   | ug/l  | 98       |
| 47) n-amyl Acetate             | 10.90 | 43   | 460357   | 54.664   | ug/l  | 96       |
| 48) t-1,3-Dichloropropene      | 9.04  | 75   | 309871   | 52.977   | ug/l  | 96       |
| 49) cis-1,3-Dichloropropene    | 8.44  | 75   | 340922   | 52.382   | ug/l  | 96       |
| 50) 1,1,2-Trichloroethane      | 9.21  | 97   | 241295   | 52.297   | ug/l  | 95       |
| 51) Ethyl methacrylate         | 9.18  | 69   | 353362   | 53.425   | ug/l  | 96       |
| 52) 1,3-Dichloropropane        | 9.37  | 76   | 383617   | 51.831   | ug/l  | 100      |
| 53) Dibromochloromethane       | 9.59  | 129  | 257977   | 55.204   | ug/l  | 98       |
| 54) 1,2-Dibromoethane          | 9.67  | 107  | 262171   | 52.893   | ug/l  | 98       |
| 55) 2-Chloroethyl vinyl ether  | 8.31  | 63   | 881083   | 247.879  | ug/l  | 99       |
| 56) Bromoform                  | 10.86 | 173  | 196626   | 55.326   | ug/l  | 98       |
| 58) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1703887  | 266.219  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 1296365  | 264.224  | ug/l  | 100      |
| 61) Tetrachloroethene          | 9.34  | 164  | 261572   | 50.117   | ug/l  | 99       |
| 62) Toluene                    | 8.79  | 91   | 1002320  | 51.964   | ug/l  | 100      |
| 64) Chlorobenzene              | 10.14 | 112  | 661111   | 52.014   | ug/l  | 98       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 237370   | 52.419   | ug/l  | 97       |
| 66) Ethyl Benzene              | 10.25 | 91   | 1100183  | 52.975   | ug/l  | 100      |
| 67) m/p-Xylenes                | 10.36 | 106  | 861460   | 105.331  | ug/l  | 99       |
| 68) o-Xylene                   | 10.69 | 106  | 416406   | 51.957   | ug/l  | 99       |
| 69) Styrene                    | 10.71 | 104  | 686178   | 53.050   | ug/l  | 99       |
| 70) Isopropylbenzene           | 11.02 | 105  | 1117821  | 52.785   | ug/l  | 98       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 354687   | 51.732   | ug/l  | 99       |
| 72) 1,2,3-Trichloropropane     | 11.30 | 75   | 403988   | 63.196   | ug/l  | 91       |
| 73) Bromobenzene               | 11.26 | 156  | 300346   | 51.258   | ug/l  | 100      |
| 74) n-propylbenzene            | 11.36 | 91   | 1244893  | 52.398   | ug/l  | 100      |
| 75) 2-Chlorotoluene            | 11.42 | 91   | 733044   | 51.952   | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 906218   | 51.491   | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene    | 11.07 | 75   | 98435    | 52.605   | ug/l  | 88       |
| 78) 4-Chlorotoluene            | 11.51 | 91   | 831525   | 50.913   | ug/l  | 99       |
| 79) tert-butylbenzene          | 12.06 | 119  | 979612   | 51.543   | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 923612   | 51.831   | ug/l  | 99       |
| 81) sec-Butylbenzene           | 11.94 | 105  | 1092940  | 51.642   | ug/l  | 100      |
| 82) p-Isopropyltoluene         | 12.06 | 119  | 979612   | 51.543   | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene        | 12.02 | 146  | 529357   | 50.977   | ug/l  | 98       |
| 84) 1,4-Dichlorobenzene        | 12.10 | 146  | 519921   | 50.110   | ug/l  | 98       |
| 85) n-Butylbenzene             | 12.39 | 91   | 804885   | 49.587   | ug/l  | 100      |
| 86) Hexachloroethane           | 12.60 | 117  | 162017   | 54.000   | ug/l  | 94       |
| 87) 1,2-Dichlorobenzene        | 12.39 | 146  | 521292   | 50.257   | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 75932    | 54.194   | ug/l  | 98       |
| 89) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 351516   | 49.862   | ug/l  | 100      |
| 90) Hexachlorobutadiene        | 13.78 | 225  | 163890   | 48.819   | ug/l  | 98       |
| 91) Naphthalene                | 13.83 | 128  | 1130721  | 52.463   | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 353986   | 50.582   | ug/l  | 99       |

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 Operator : JC/SP  
 Sample : VSTDIC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 VSTDIC050

Quant Time: Feb 13 07:22:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X021319W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 13 07:08:48 2019  
 Response via : Initial Calibration

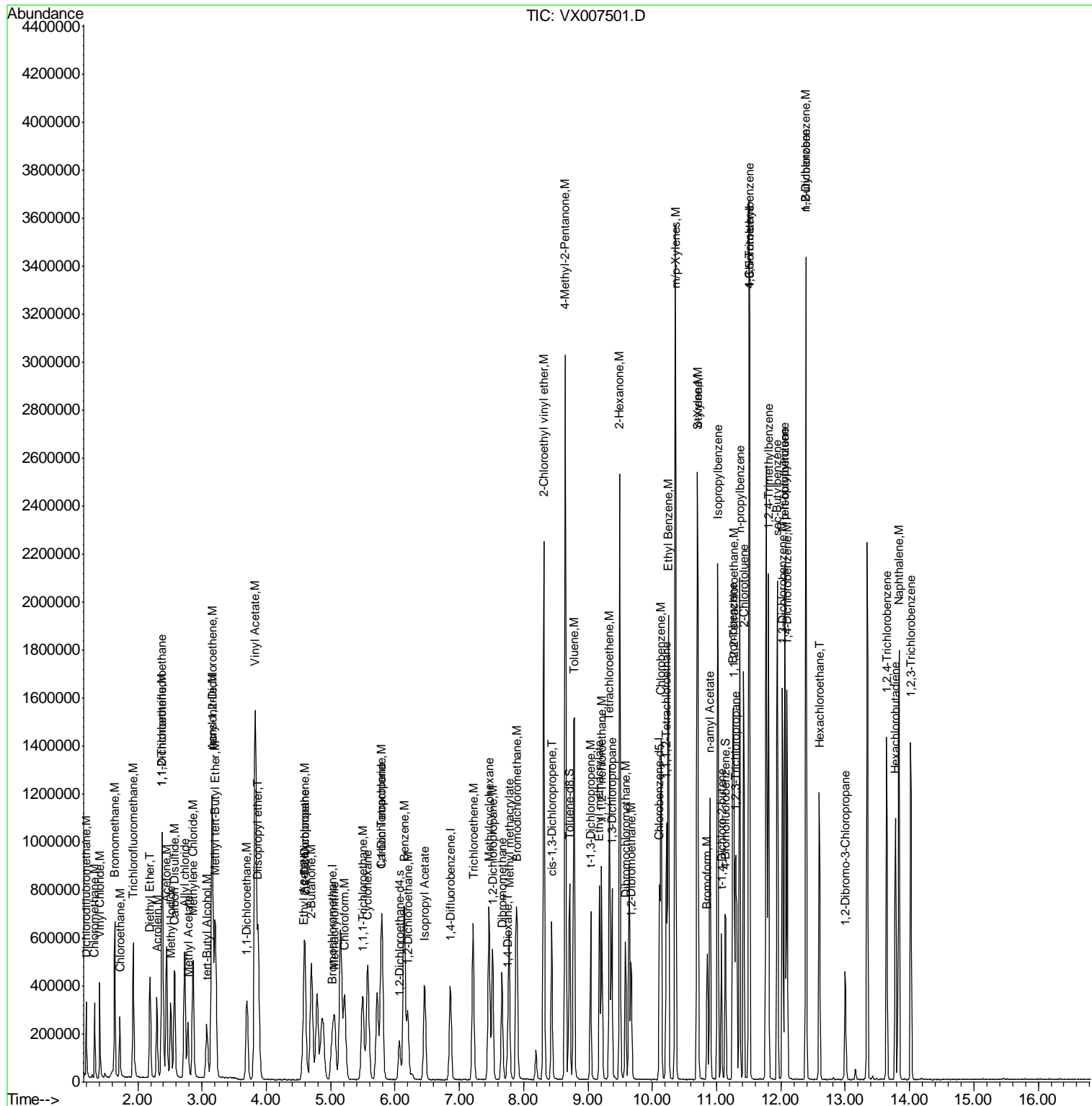
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

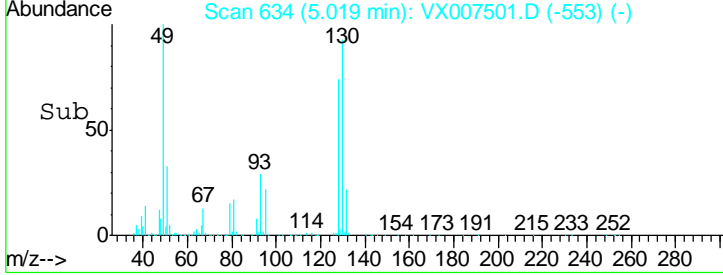
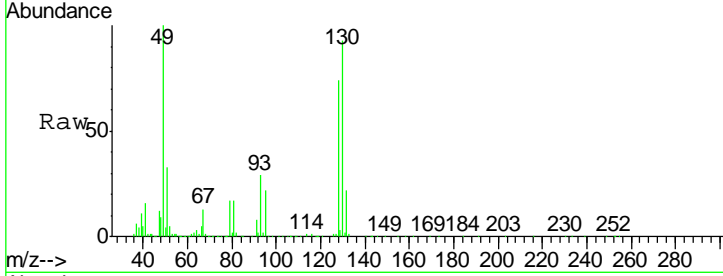
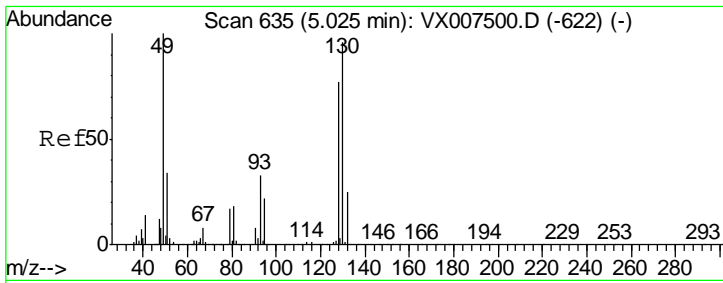
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX021319\  
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 Sample : VSTDIC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 Client Sampled :  
 VSTDIC050

Quant Time: Feb 13 07:22:35 2019  
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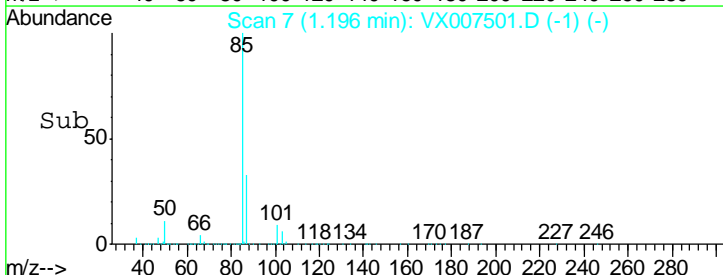
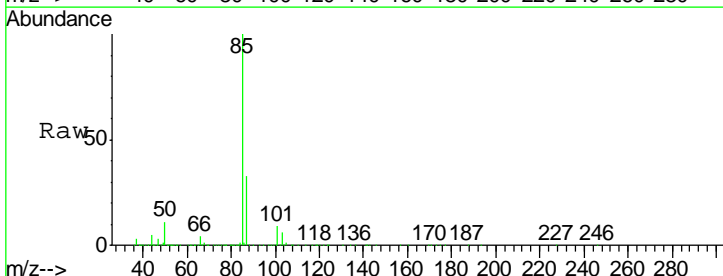
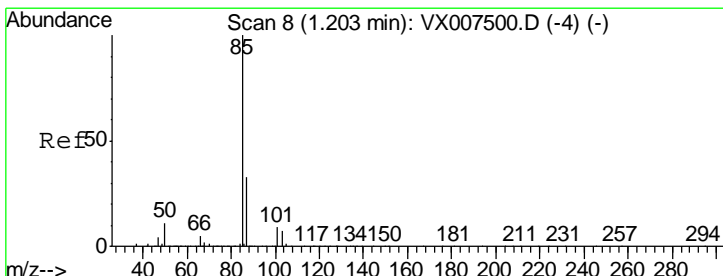
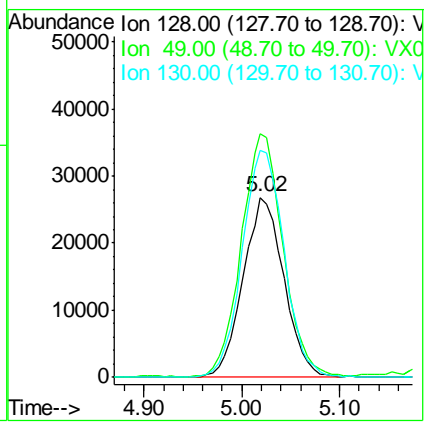




#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

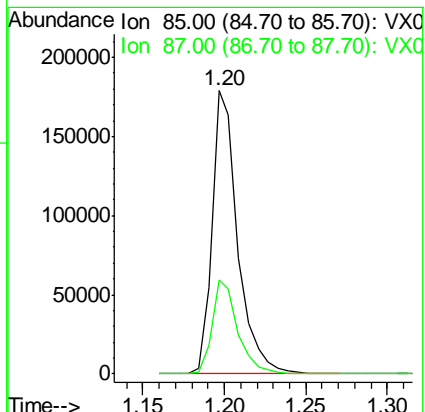
Instrument : MSVOA\_X  
 ClientSampleID : VSTDIC050

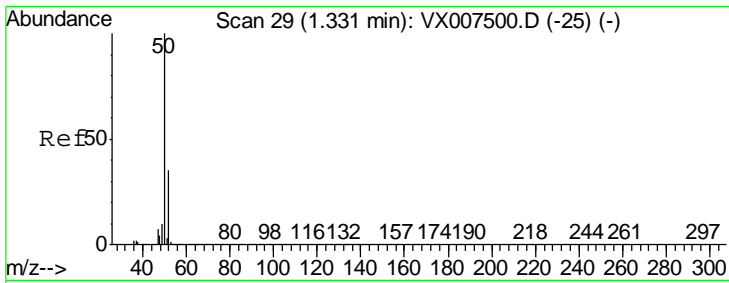
| Tgt Ion   | Resp  | Lower | Upper |
|-----------|-------|-------|-------|
| 128       | 77982 |       |       |
| Ion Ratio |       |       |       |
| 128       | 100   |       |       |
| 49        | 138.2 | 0.0   | 350.8 |
| 130       | 129.5 | 0.0   | 325.8 |



#2  
 Dichlorodifluoromethane  
 Concen: 53.575 ug/l  
 RT: 1.20 min Scan# 7  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion   | Resp   | Lower | Upper |
|-----------|--------|-------|-------|
| 85        | 195727 |       |       |
| Ion Ratio |        |       |       |
| 85        | 100    |       |       |
| 87        | 33.3   | 16.6  | 49.8  |

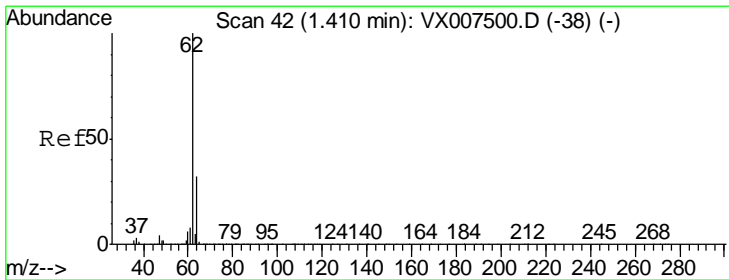
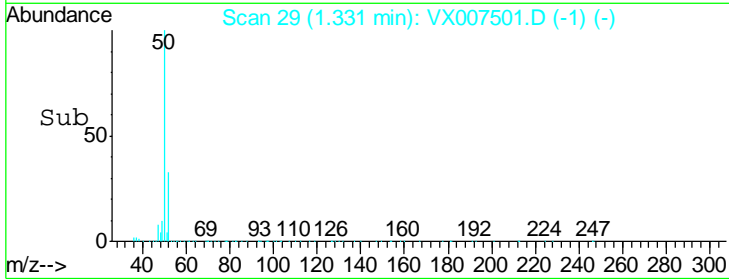
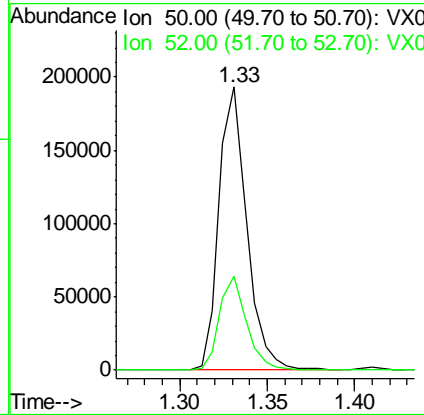
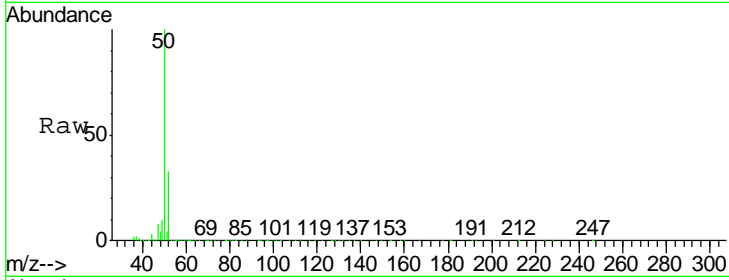




#3  
 Chloromethane  
 Concen: 52.890 ug/l  
 RT: 1.33 min Scan# 29  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

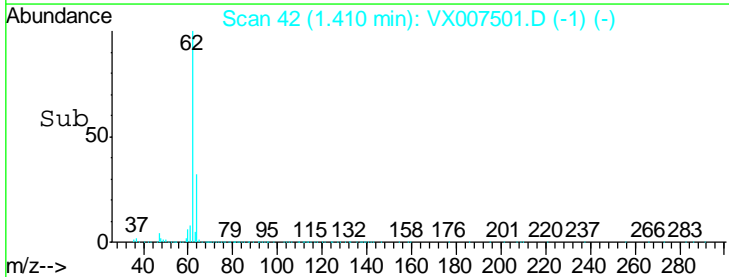
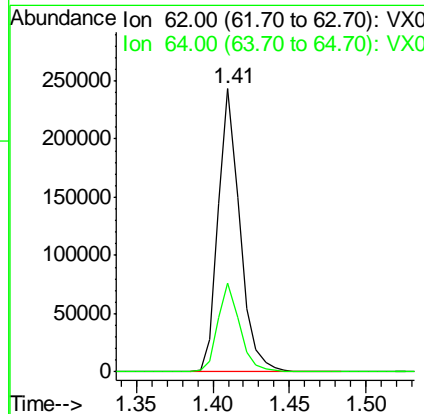
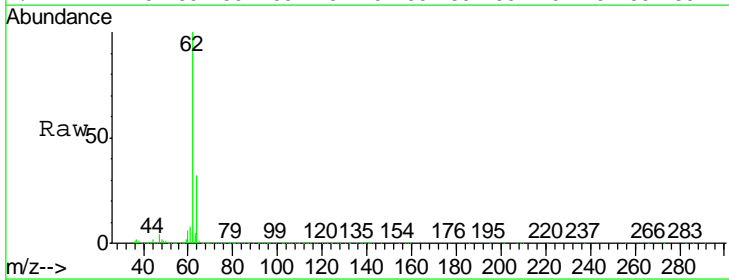
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

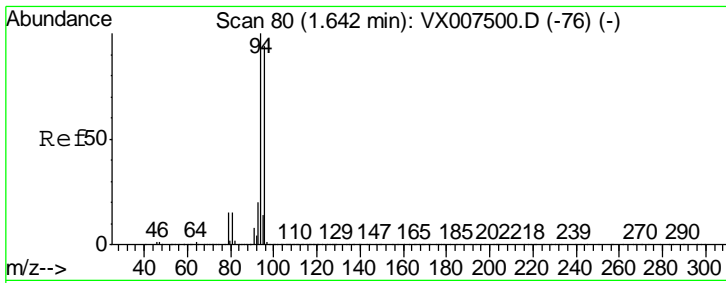
Tgt Ion: 50 Resp: 213753  
 Ion Ratio Lower Upper  
 50 100  
 52 33.3 27.5 41.3



#4  
 Vinyl Chloride  
 Concen: 52.603 ug/l  
 RT: 1.41 min Scan# 42  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 62 Resp: 239392  
 Ion Ratio Lower Upper  
 62 100  
 64 31.4 25.9 38.9

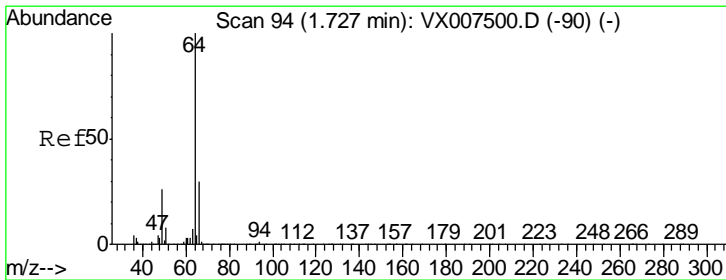
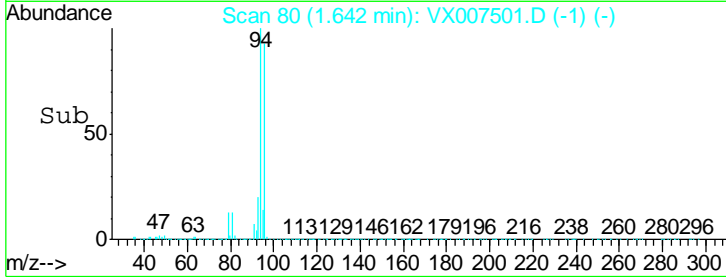
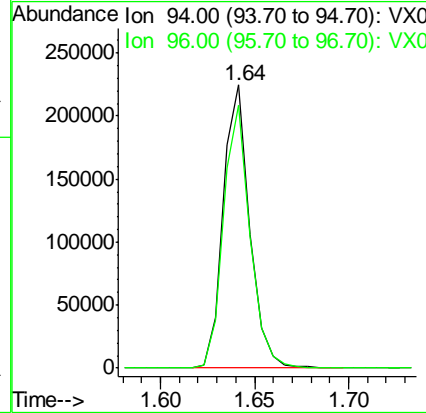
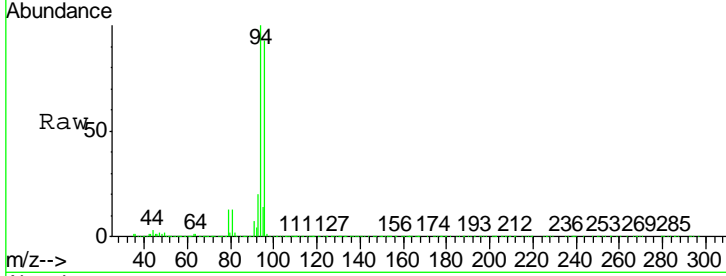




#5  
 Bromomethane  
 Concen: 48.540 ug/l  
 RT: 1.64 min Scan# 80  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

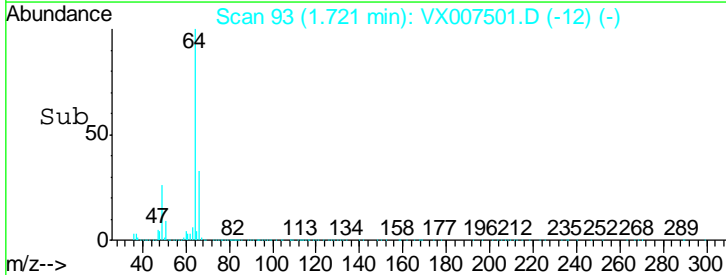
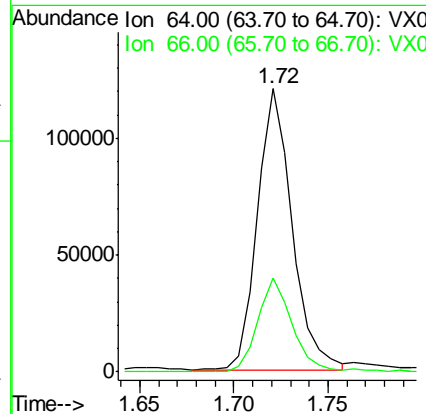
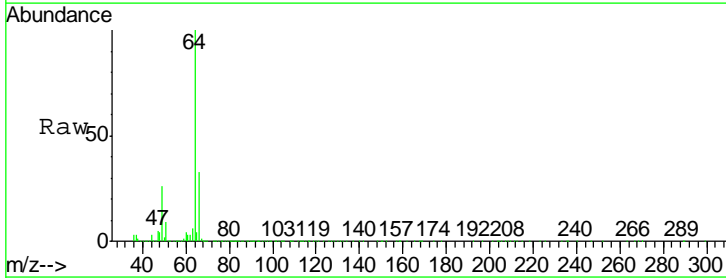
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

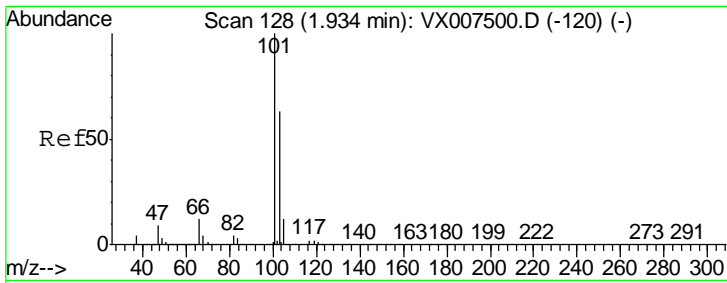
Tgt Ion: 94 Resp: 219006  
 Ion Ratio Lower Upper  
 94 100  
 96 92.9 75.6 113.4



#6  
 Chloroethane  
 Concen: 50.065 ug/l  
 RT: 1.72 min Scan# 93  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 64 Resp: 153366  
 Ion Ratio Lower Upper  
 64 100  
 66 33.1 23.9 35.9

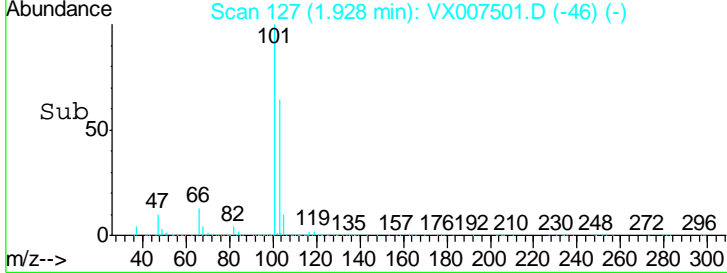
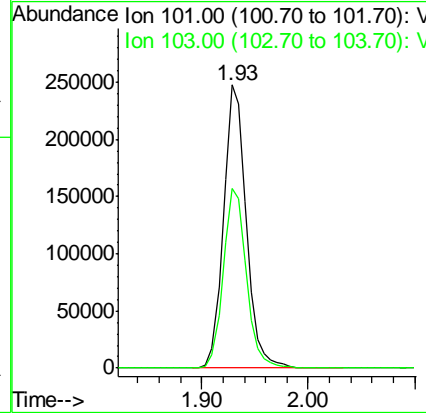
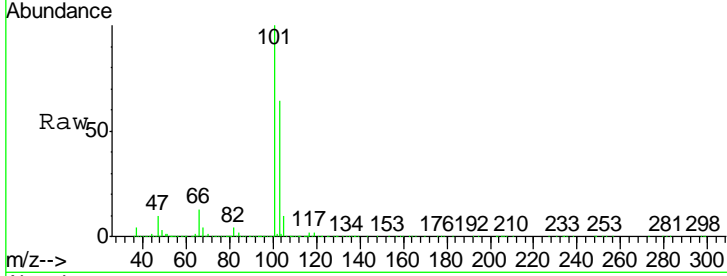




#7  
 Trichlorofluoromethane  
 Concen: 48.437 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

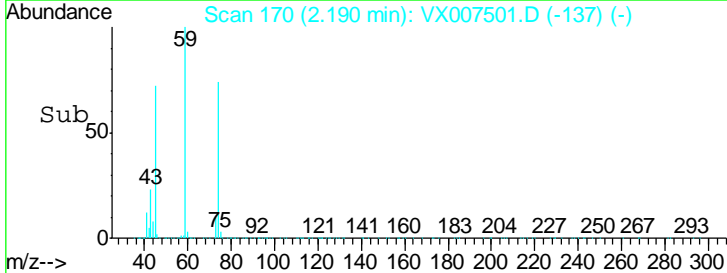
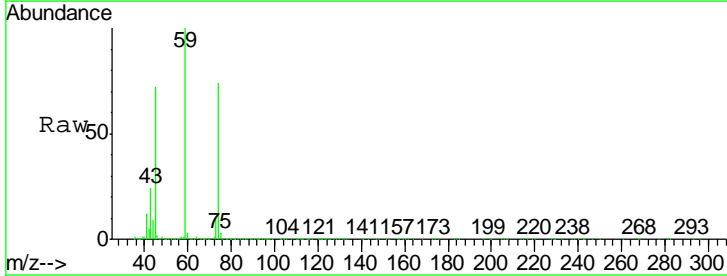
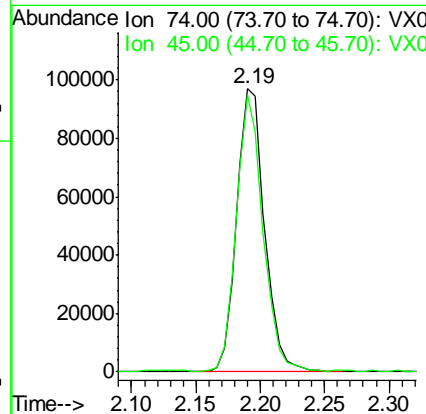
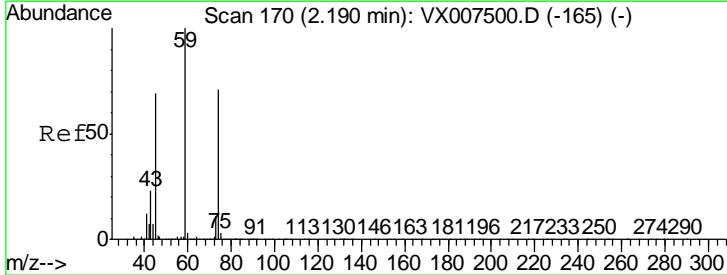
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

Tgt Ion: 101 Resp: 367804  
 Ion Ratio Lower Upper  
 101 100  
 103 63.5 50.4 75.6

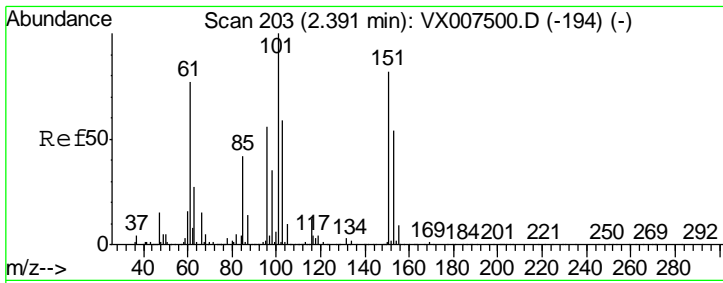


#8  
 Diethyl Ether  
 Concen: 50.654 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 74 Resp: 146506  
 Ion Ratio Lower Upper  
 74 100  
 45 93.4 18.6 167.8



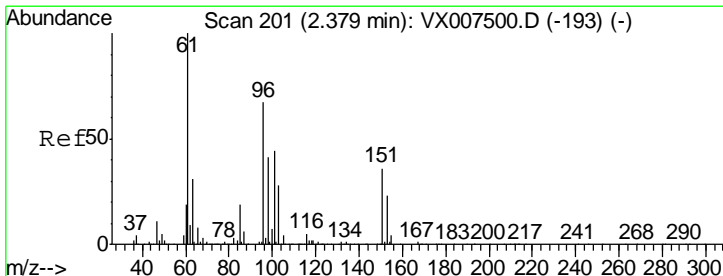
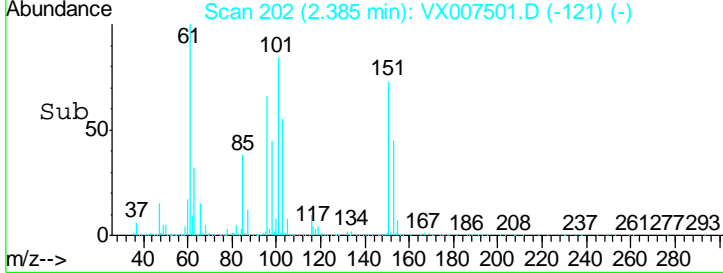
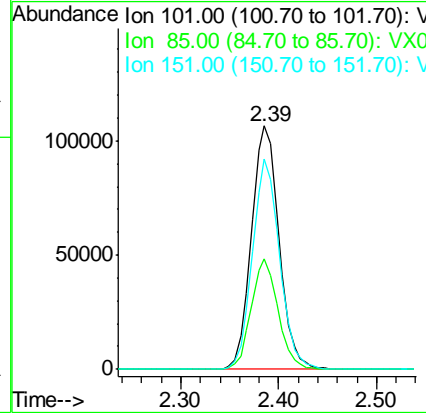
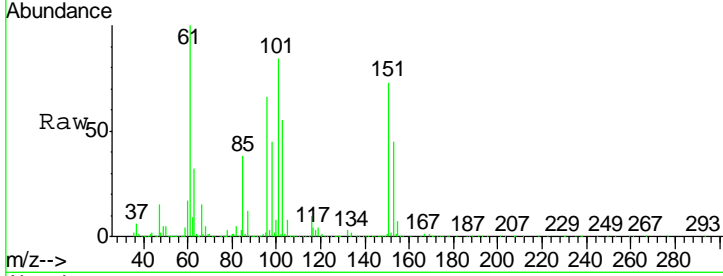




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 47.076 ug/l  
 RT: 2.39 min Scan# 202  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

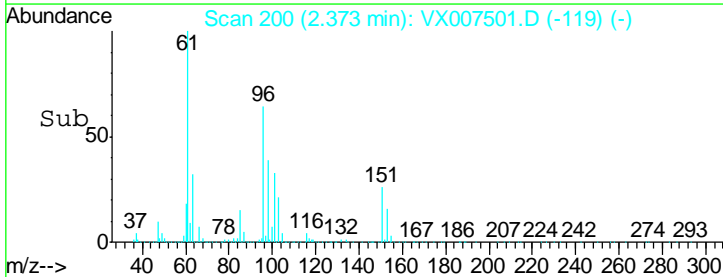
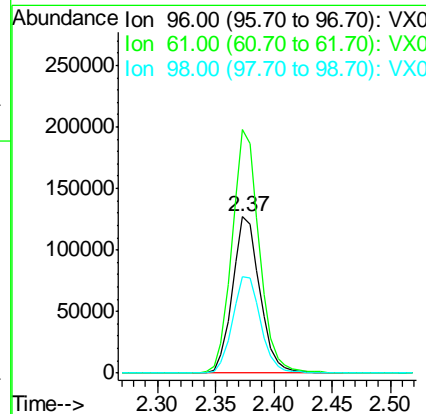
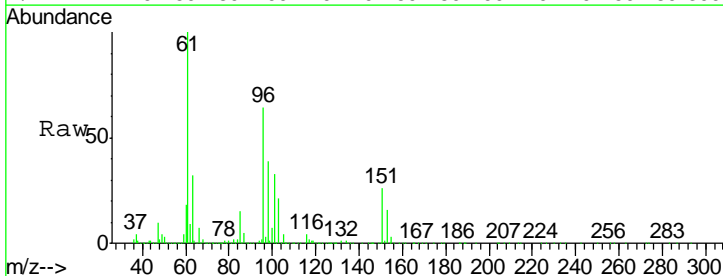
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

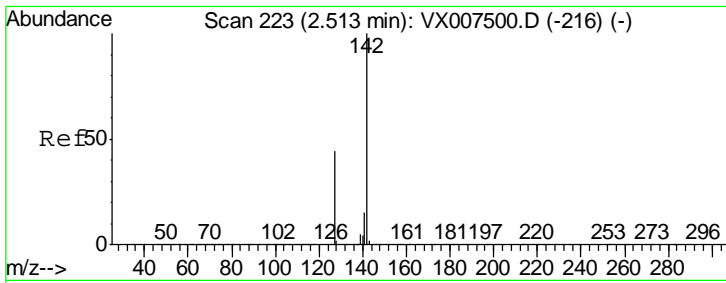
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 101     | 209361 |       |       |
| 85      | 43.7   | 0.0   | 86.8  |
| 151     | 84.8   | 0.0   | 169.2 |



#10  
 1,1-Dichloroethene  
 Concen: 50.428 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 96      | 207051 |       |       |
| 61      | 156.0  | 120.2 | 180.2 |
| 98      | 61.5   | 49.0  | 73.4  |

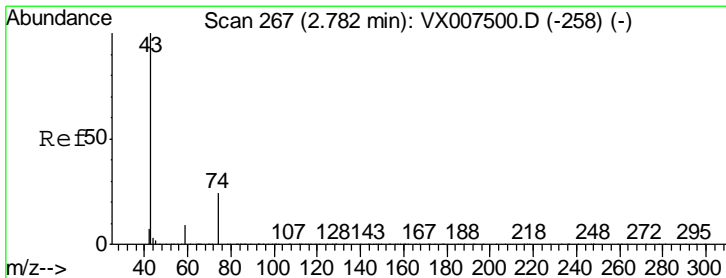
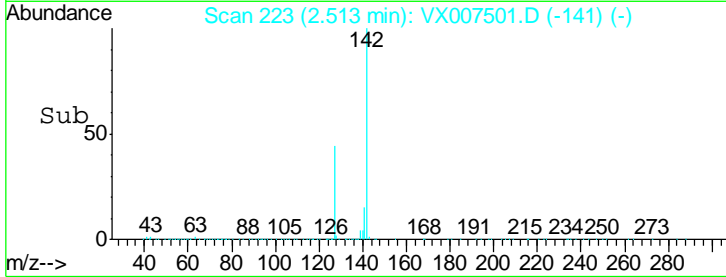
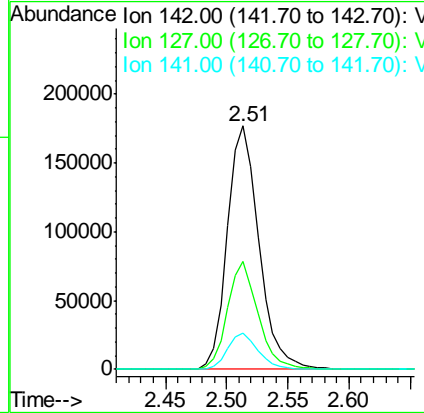
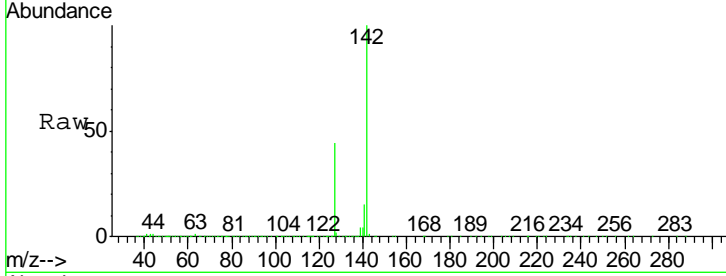




#11  
 Methyl Iodide  
 Concen: 48.912 ug/l  
 RT: 2.51 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

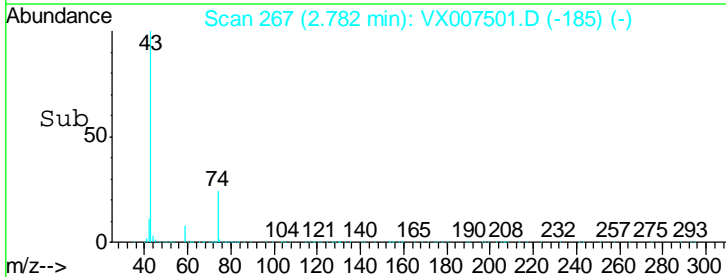
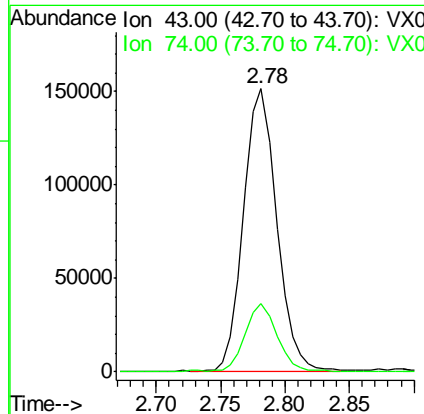
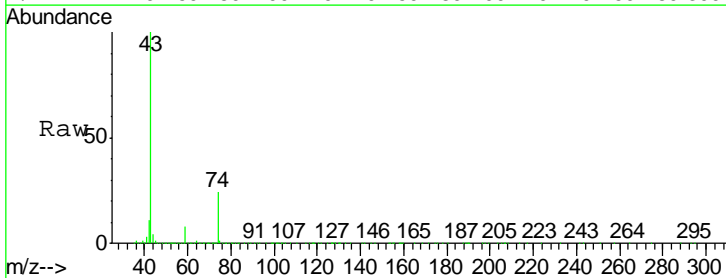
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC050

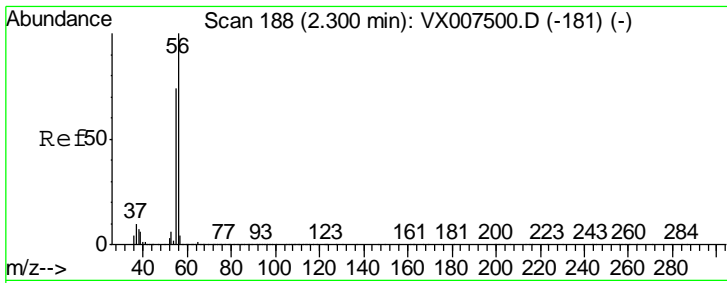
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 142     | 315985 |       |       |
| 127     | 43.9   | 22.1  | 66.5  |
| 141     | 14.9   | 7.4   | 22.3  |



#12  
 Methyl Acetate  
 Concen: 40.326 ug/l  
 RT: 2.78 min Scan# 267  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 43      | 268498 |       |       |
| 74      | 23.8   | 19.4  | 29.0  |

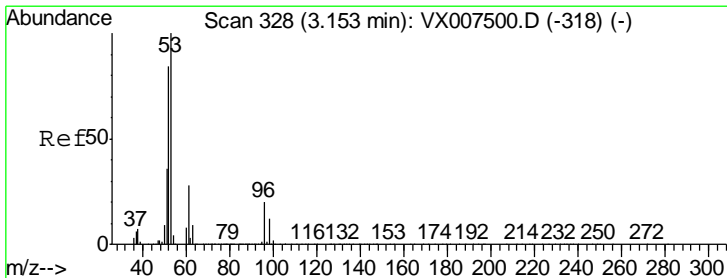
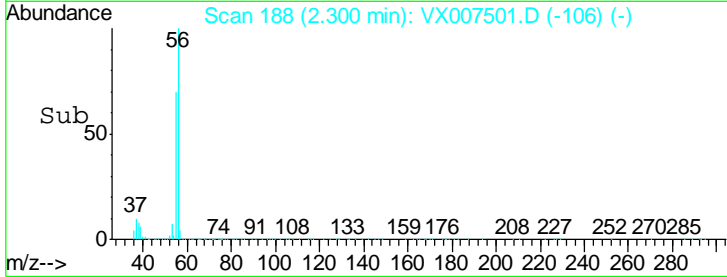
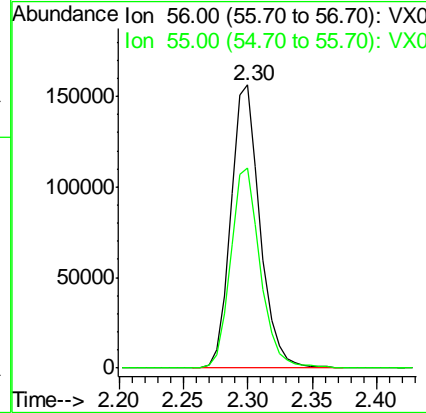
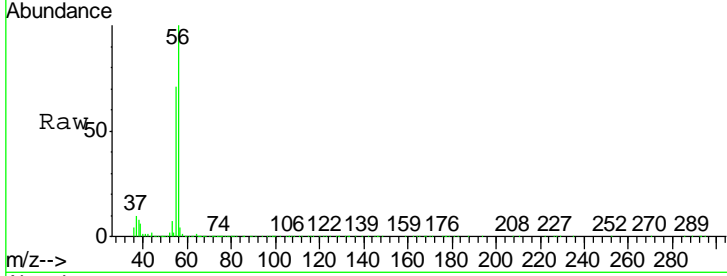




#13  
 Acrolein  
 Concen: 412.091 ug/l  
 RT: 2.30 min Scan# 188  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

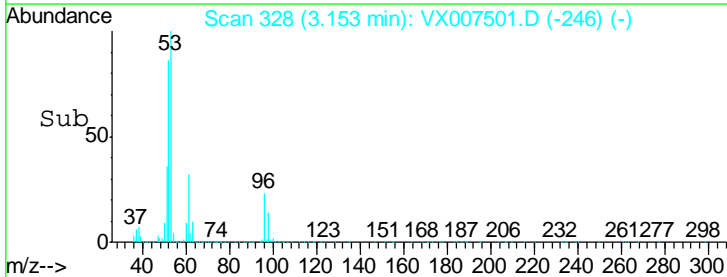
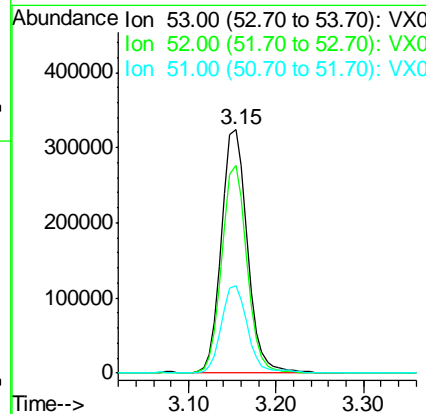
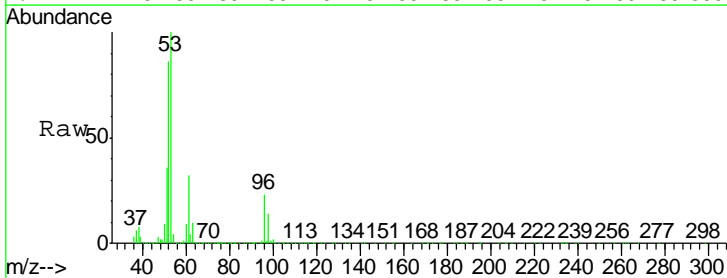
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

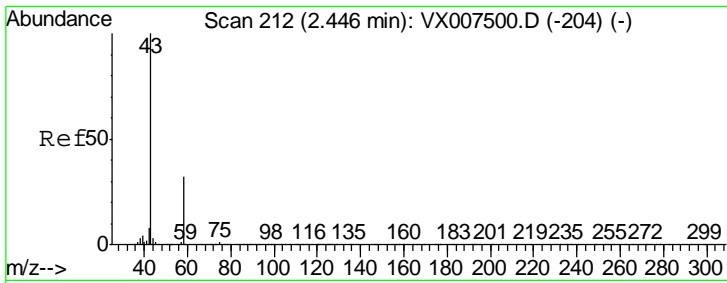
Tgt Ion: 56 Resp: 247154  
 Ion Ratio Lower Upper  
 56 100  
 55 71.9 58.6 87.8



#14  
 Acrylonitrile  
 Concen: 258.142 ug/l  
 RT: 3.15 min Scan# 328  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 53 Resp: 671422  
 Ion Ratio Lower Upper  
 53 100  
 52 82.2 41.3 124.1  
 51 35.6 17.5 52.6

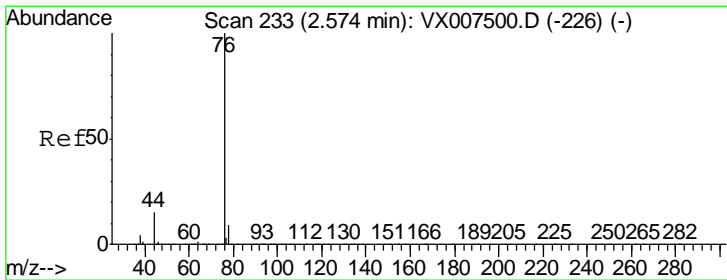
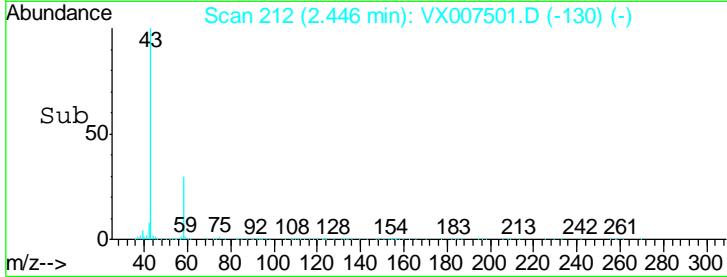
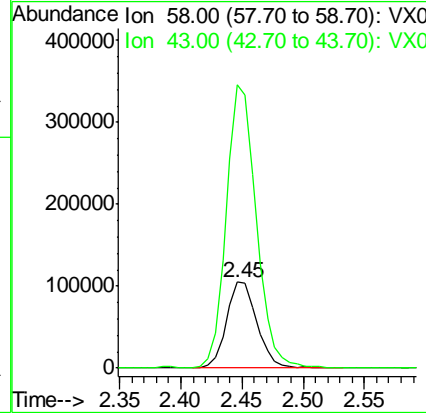
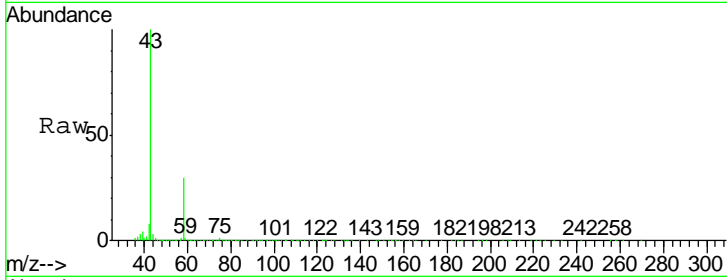




#15  
 Acetone  
 Concen: 248.115 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

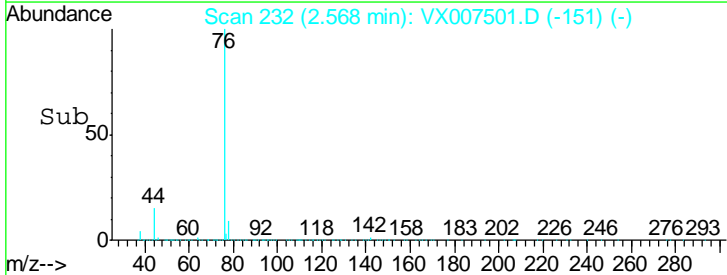
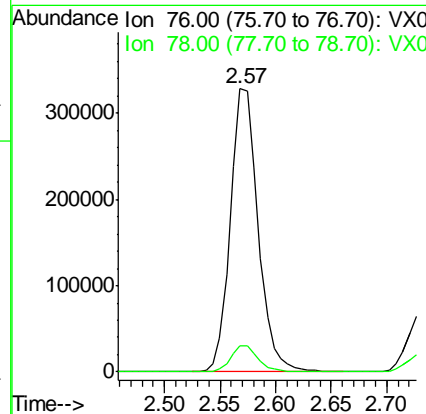
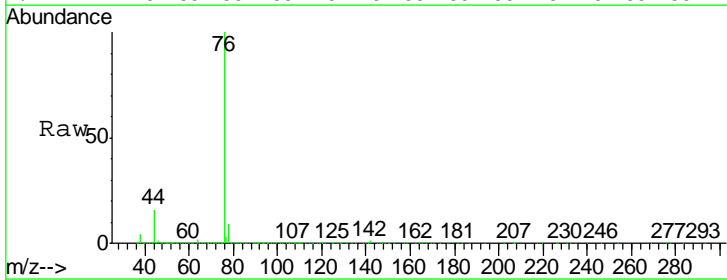
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

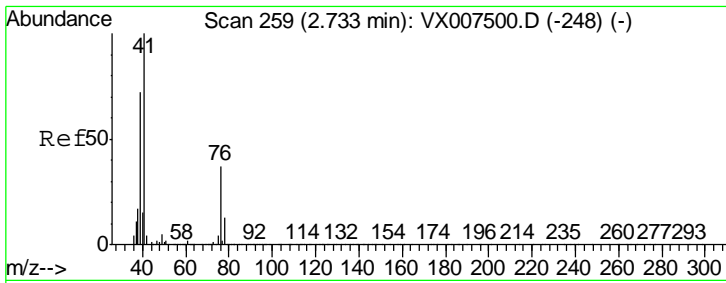
Tgt Ion: 58 Resp: 181147  
 Ion Ratio Lower Upper  
 58 100  
 43 329.9 249.8 374.6



#16  
 Carbon Disulfide  
 Concen: 55.807 ug/l  
 RT: 2.57 min Scan# 232  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 76 Resp: 566623  
 Ion Ratio Lower Upper  
 76 100  
 78 9.3 7.5 11.3

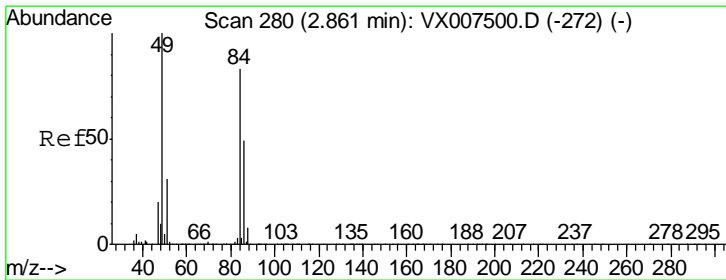
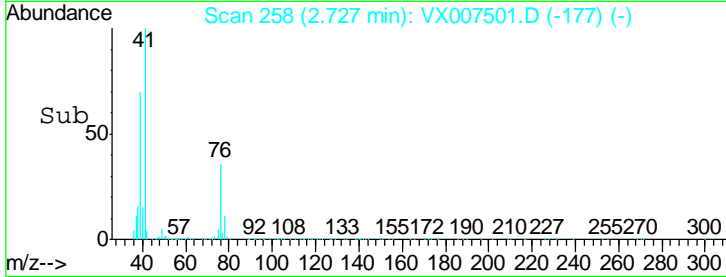
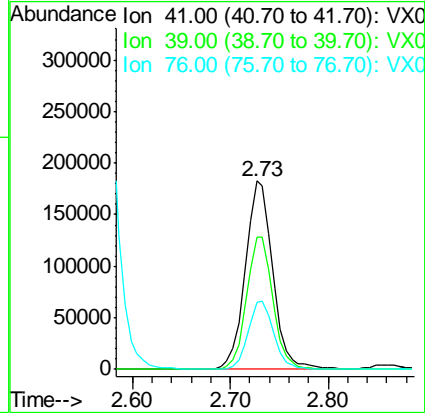
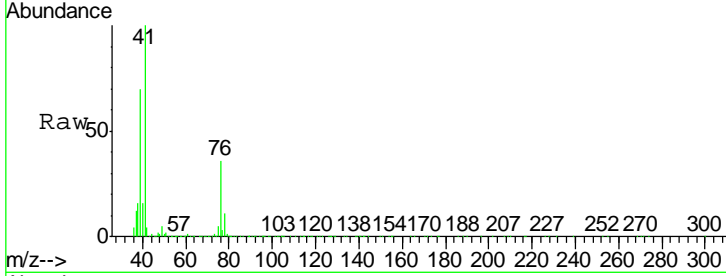




#17  
 Allyl chloride  
 Concen: 49.960 ug/l  
 RT: 2.73 min Scan# 258  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

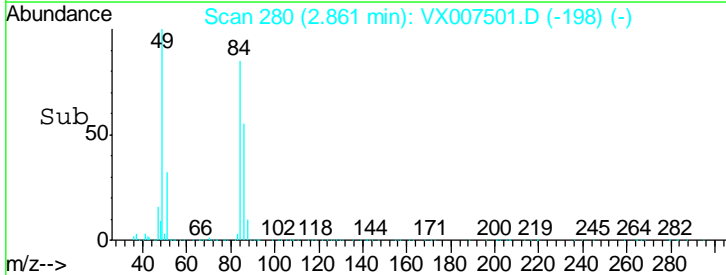
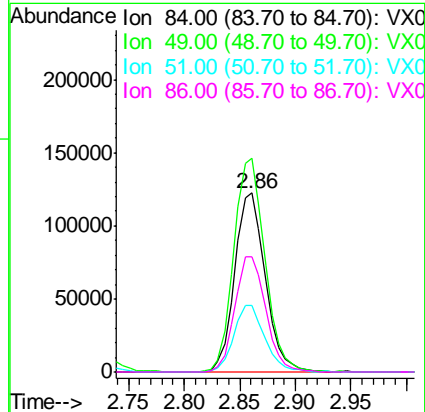
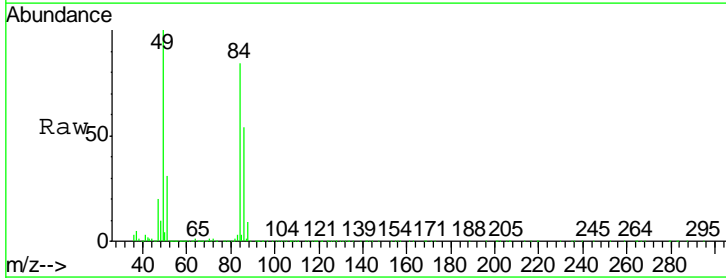
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC050

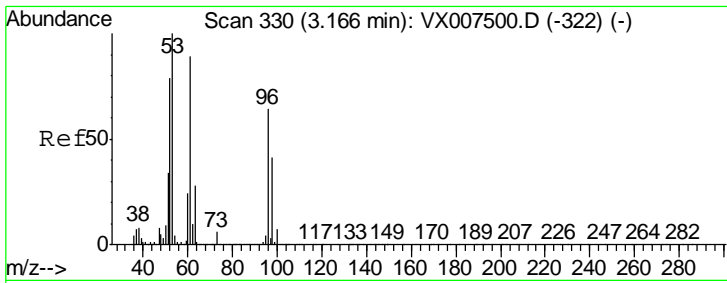
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41      | 100  |       |       |
| 39      | 69.9 | 35.8  | 107.4 |
| 76      | 35.6 | 18.3  | 54.9  |



#18  
 Methylene Chloride  
 Concen: 49.929 ug/l  
 RT: 2.86 min Scan# 280  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 119.3 | 96.1  | 144.1 |
| 51      | 37.4  | 29.1  | 43.7  |
| 86      | 64.3  | 47.3  | 70.9  |

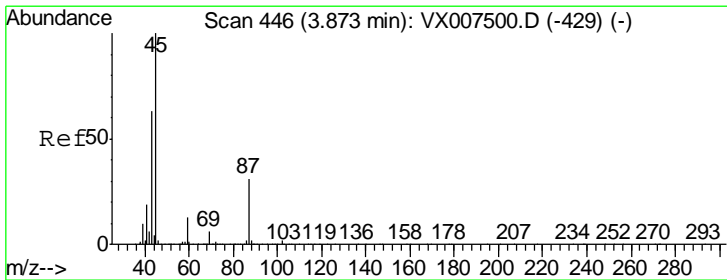
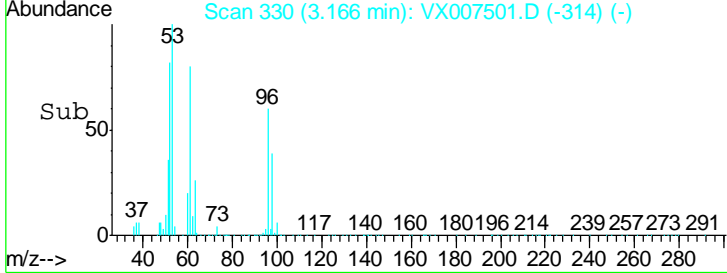
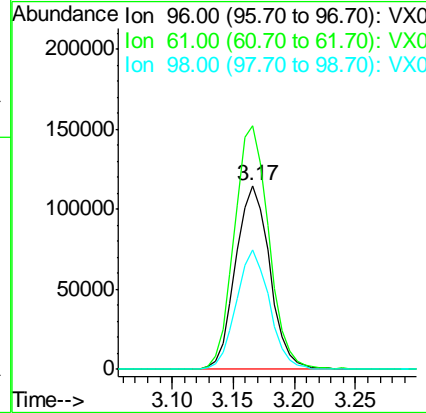
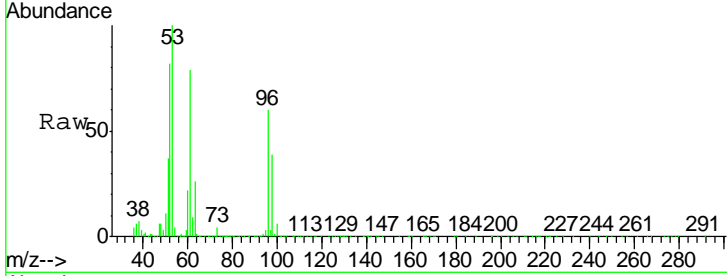




#19  
 trans-1,2-Dichloroethene  
 Concen: 50.369 ug/l  
 RT: 3.17 min Scan# 330  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

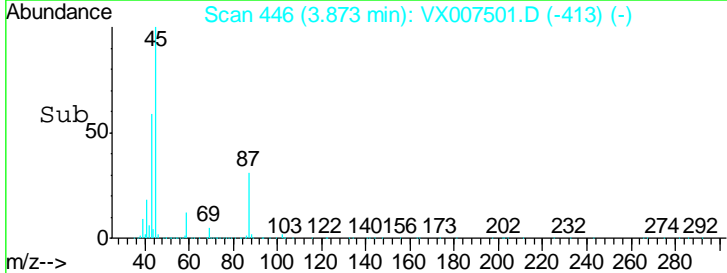
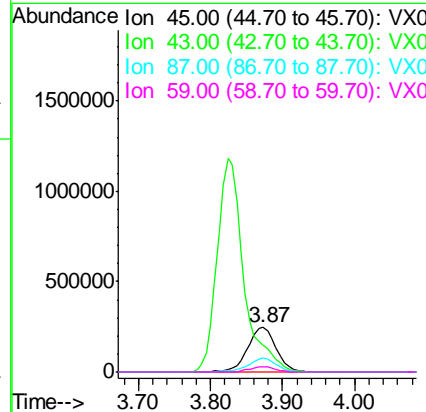
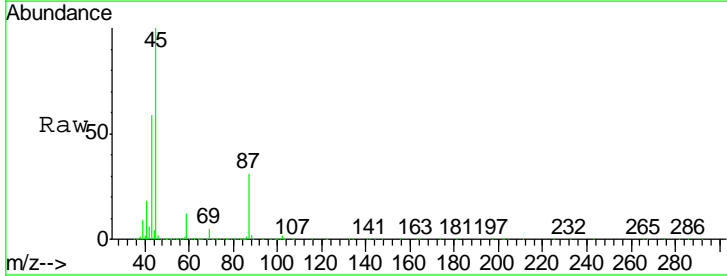
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDIC050

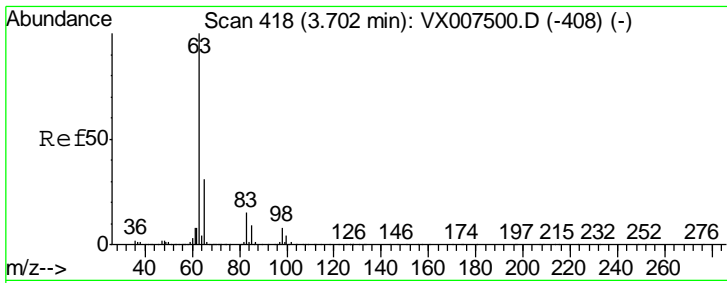
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 96      | 222916 |       |       |
| 96      | 100    |       |       |
| 61      | 132.5  | 109.9 | 164.9 |
| 98      | 64.7   | 50.4  | 75.6  |



#20  
 Diisopropyl ether  
 Concen: 51.198 ug/l  
 RT: 3.87 min Scan# 446  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 45      | 677412 |       |       |
| 45      | 100    |       |       |
| 43      | 58.8   | 50.6  | 76.0  |
| 87      | 30.8   | 24.5  | 36.7  |
| 59      | 12.2   | 10.2  | 15.2  |

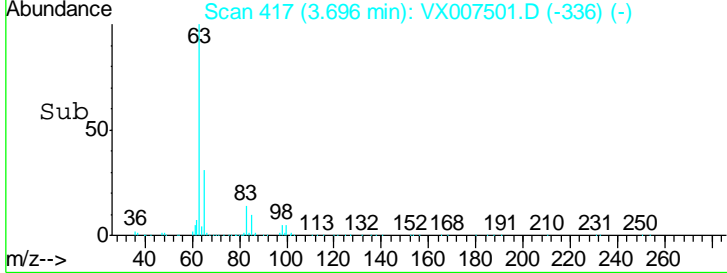
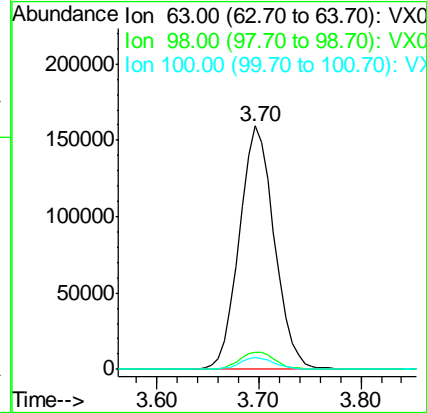
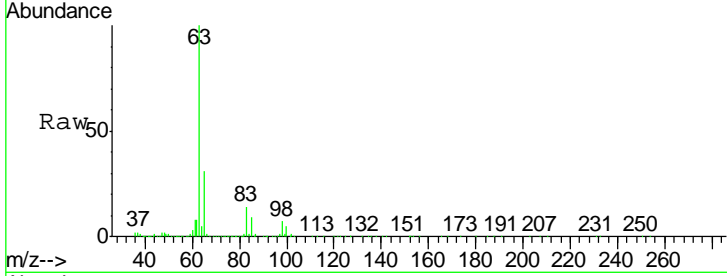




#21  
 1,1-Dichloroethane  
 Concen: 50.405 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

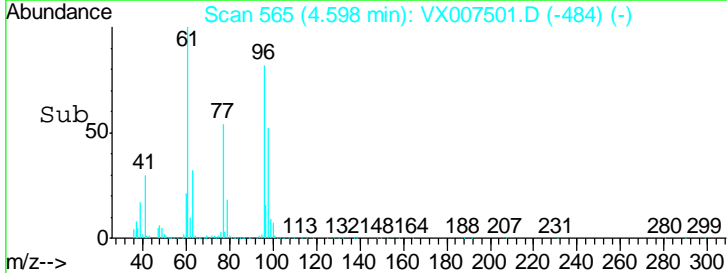
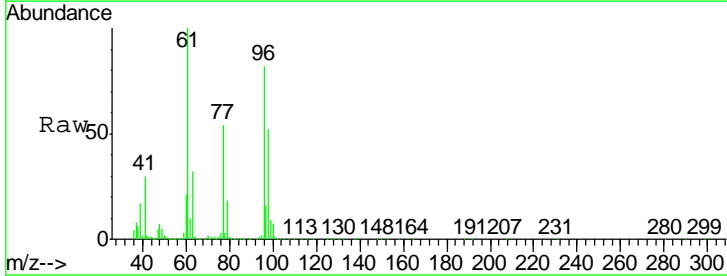
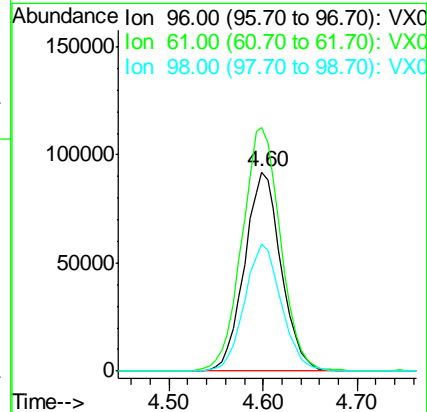
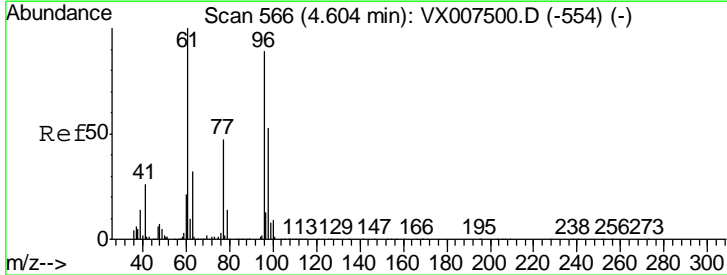
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

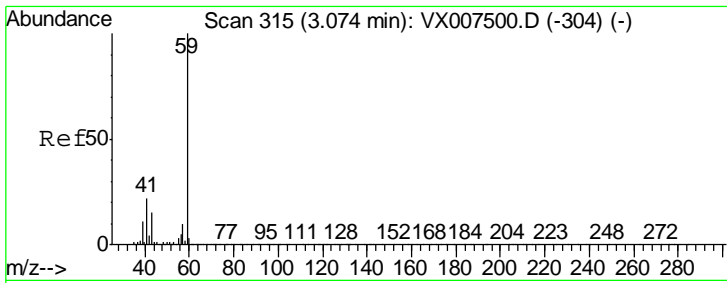
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 63      | 378818 |       |       |
| 98      | 7.0    | 3.8   | 11.4  |
| 100     | 5.0    | 2.4   | 7.1   |



#22  
 cis-1,2-Dichloroethene  
 Concen: 51.268 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 96      | 250707 |       |       |
| 61      | 128.8  | 103.5 | 155.3 |
| 98      | 64.2   | 52.1  | 78.1  |

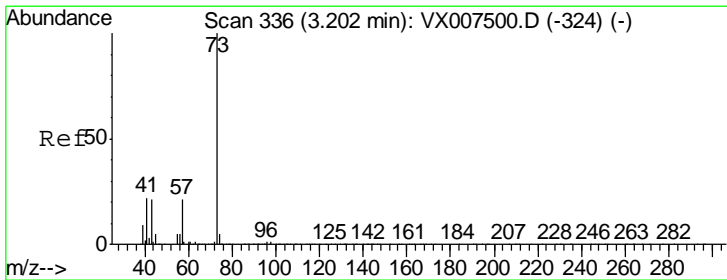
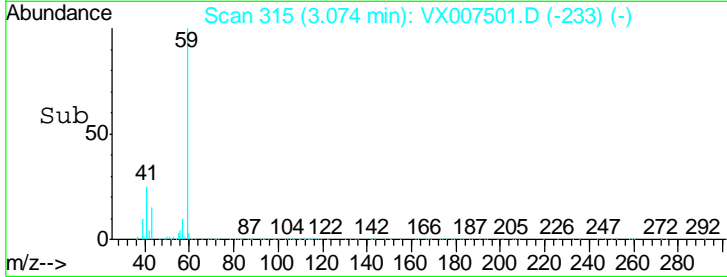
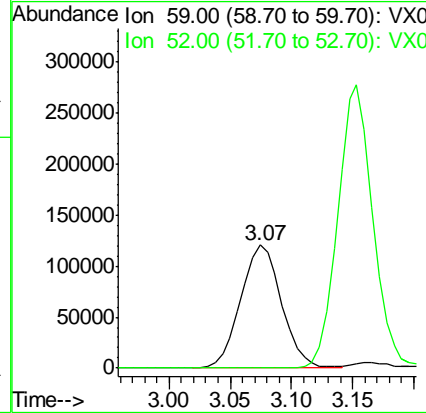
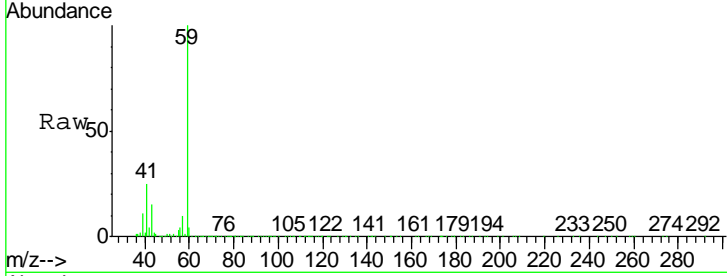




#23  
 tert-Butyl Alcohol  
 Concen: 255.147 ug/l  
 RT: 3.07 min Scan# 315  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

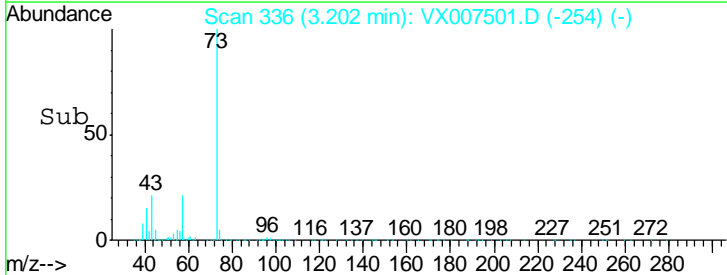
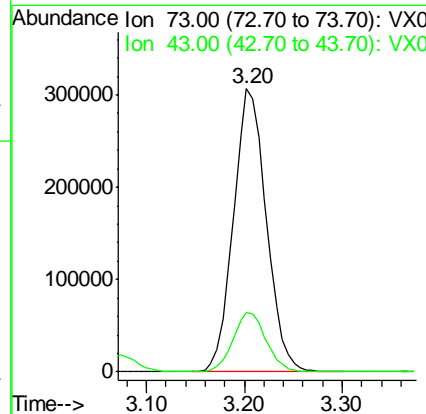
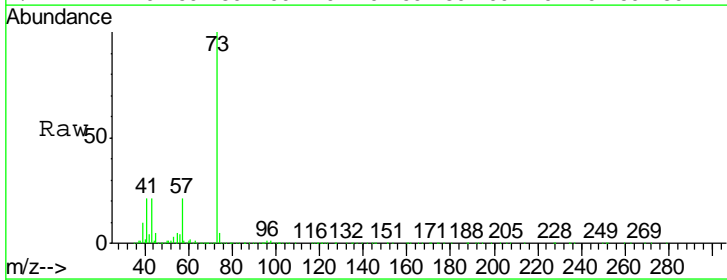
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

Tgt Ion: 59 Resp: 277630  
 Ion Ratio Lower Upper  
 59 100  
 52 0.2 0.2 0.2

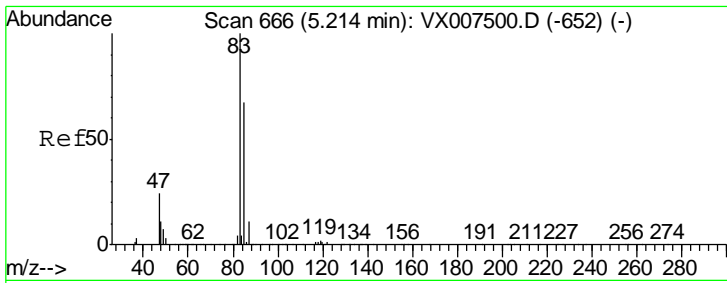


#24  
 Methyl tert-Butyl Ether  
 Concen: 49.978 ug/l  
 RT: 3.20 min Scan# 336  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 73 Resp: 715121  
 Ion Ratio Lower Upper  
 73 100  
 43 21.0 17.1 25.7



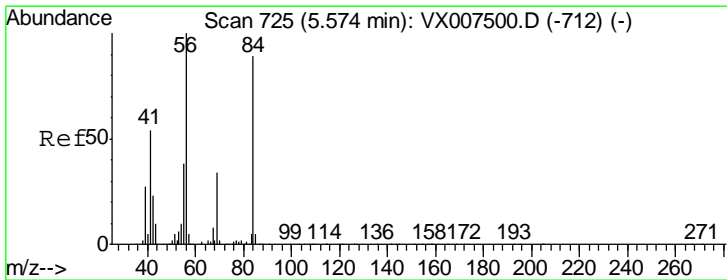
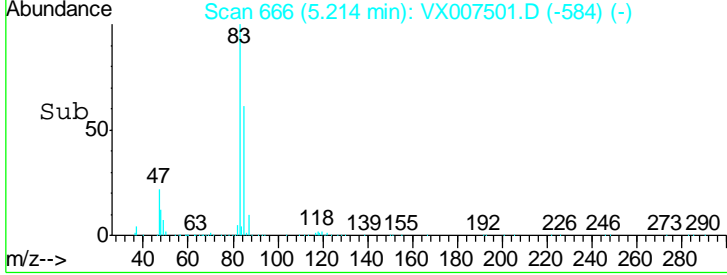
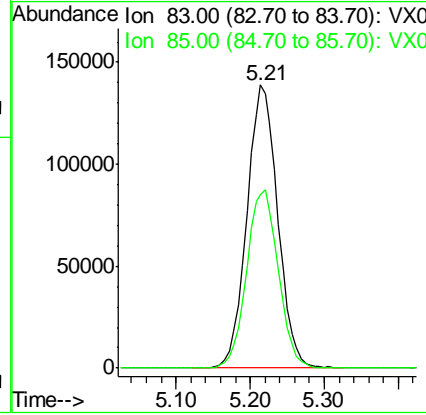
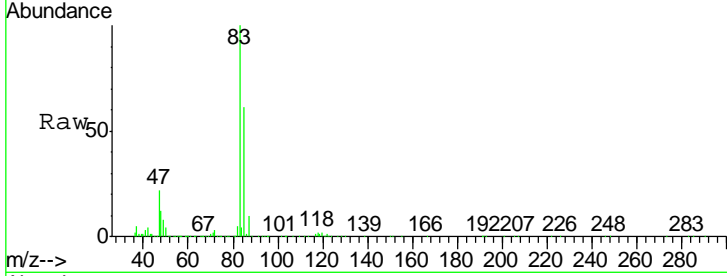




#25  
 Chloroform  
 Concen: 51.641 ug/l  
 RT: 5.21 min Scan# 666  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

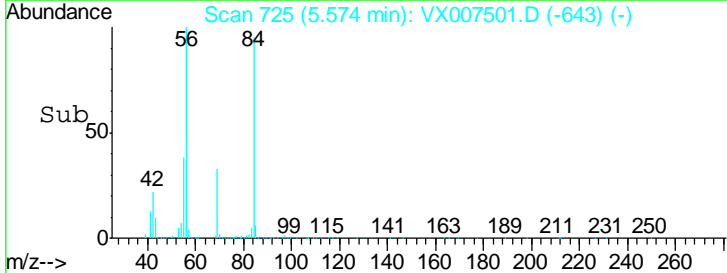
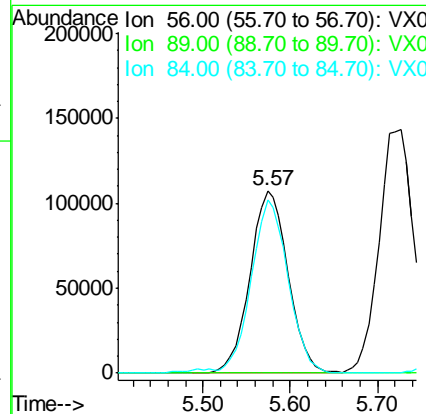
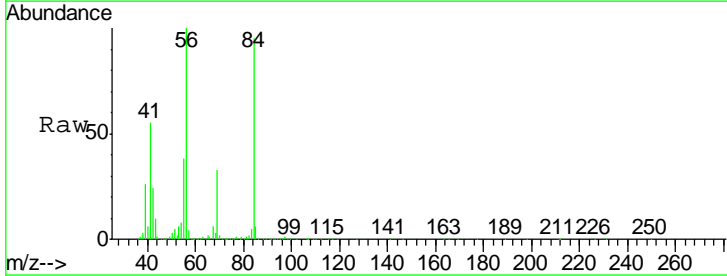
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

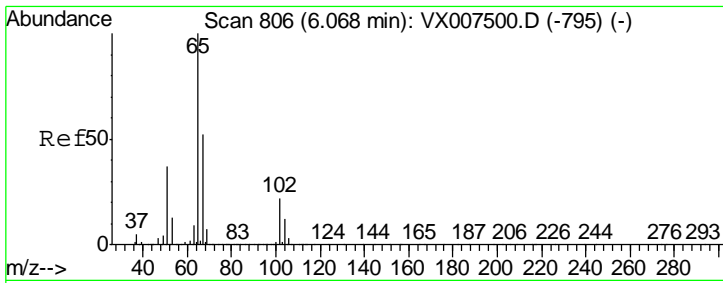
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 83      | 402991 |       |       |
| 85      | 61.4   | 53.8  | 80.6  |



#26  
 Cyclohexane  
 Concen: 51.009 ug/l  
 RT: 5.57 min Scan# 725  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 56      | 325223 |       |       |
| 89      | 0.0    | 0.0   | 0.0#  |
| 84      | 91.9   | 73.9  | 110.9 |

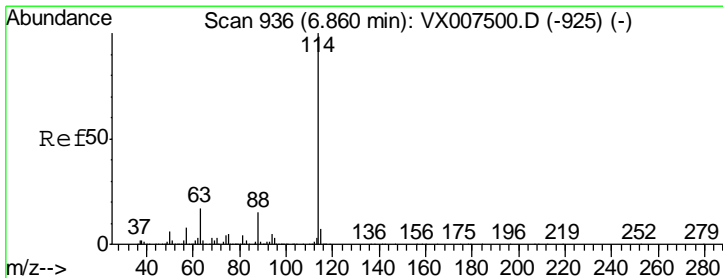
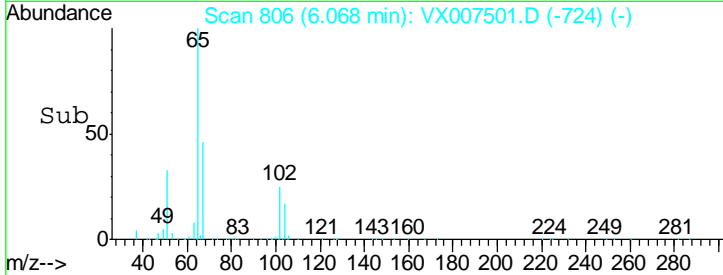
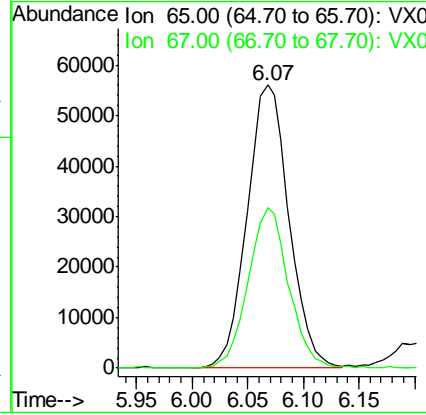
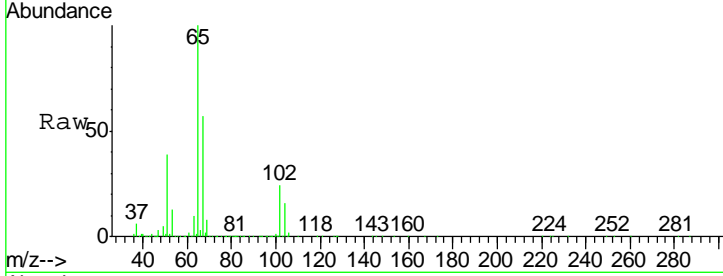




#27  
 1,2-Dichloroethane-d4  
 Concen: 28.686 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

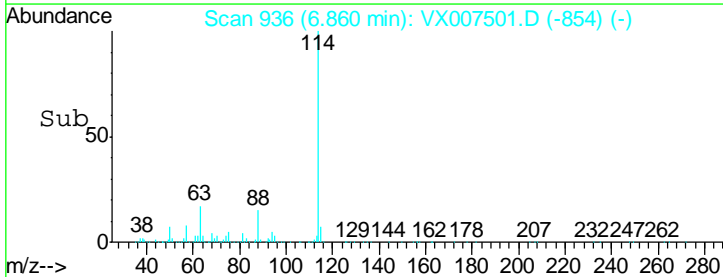
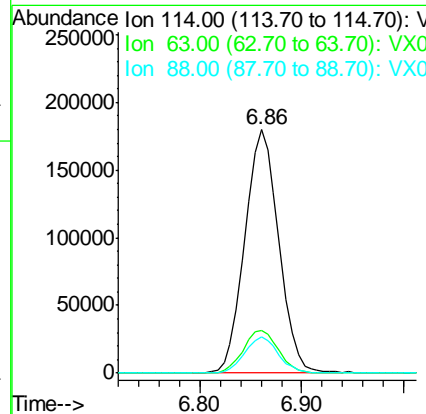
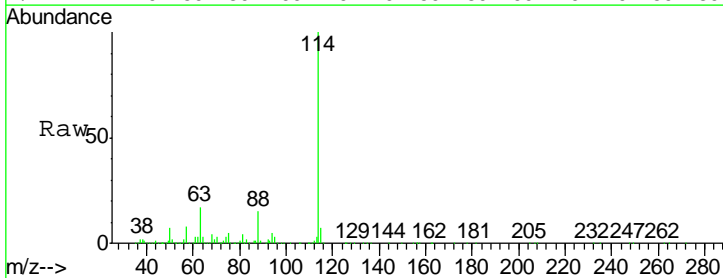
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

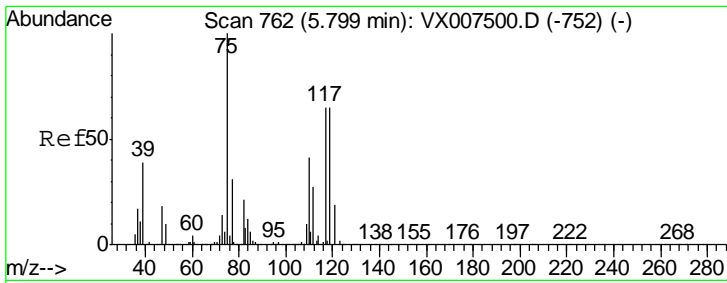
Tgt Ion: 65 Resp: 146603  
 Ion Ratio Lower Upper  
 65 100  
 67 54.9 42.9 64.3



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 114 Resp: 416106  
 Ion Ratio Lower Upper  
 114 100  
 63 18.2 14.2 21.4  
 88 14.7 11.9 17.9

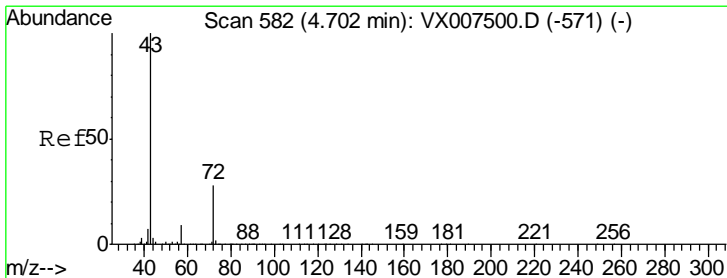
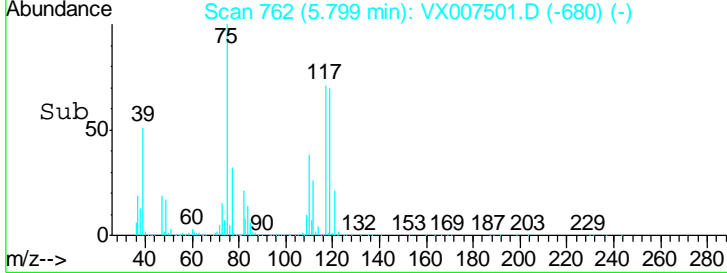
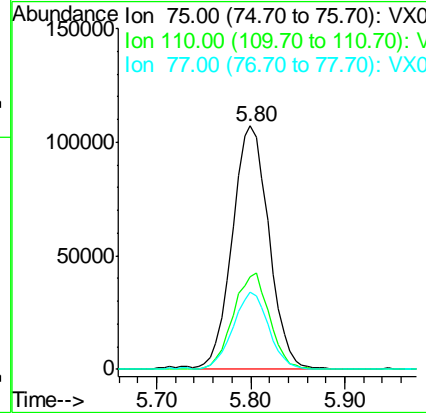
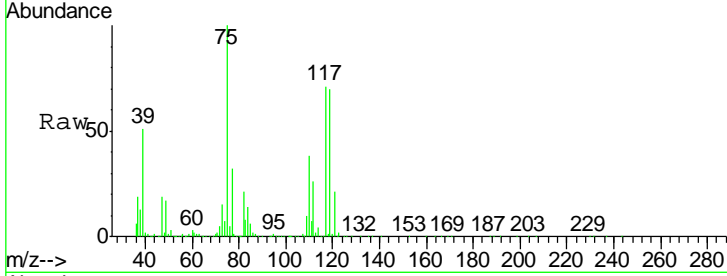




#29  
 1,1-Dichloropropene  
 Concen: 52.764 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

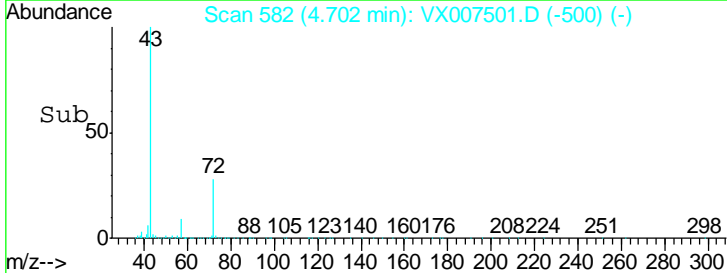
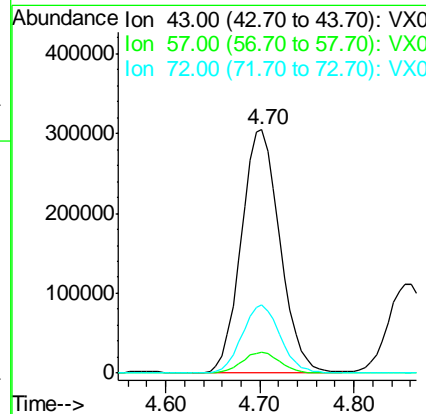
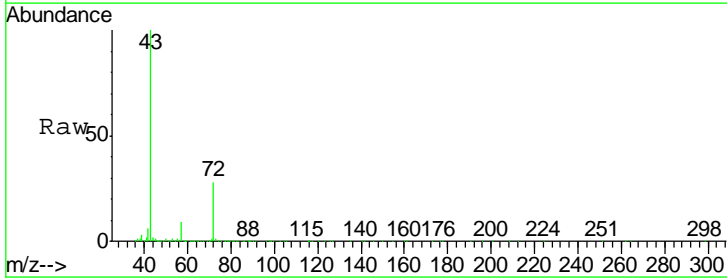
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 VSTDIC050

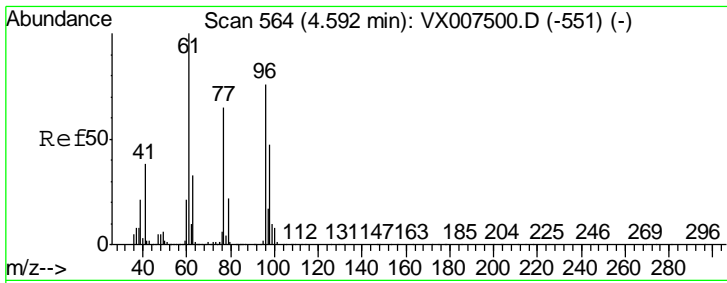
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75      | 100  |       |       |
| 110     | 39.2 | 0.0   | 80.8  |
| 77      | 30.7 | 0.0   | 62.4  |



#30  
 2-Butanone  
 Concen: 265.543 ug/l  
 RT: 4.70 min Scan# 582  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 57      | 8.4  | 7.0   | 10.6  |
| 72      | 27.5 | 21.5  | 32.3  |

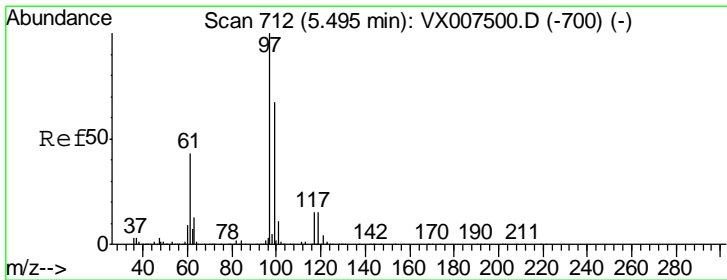
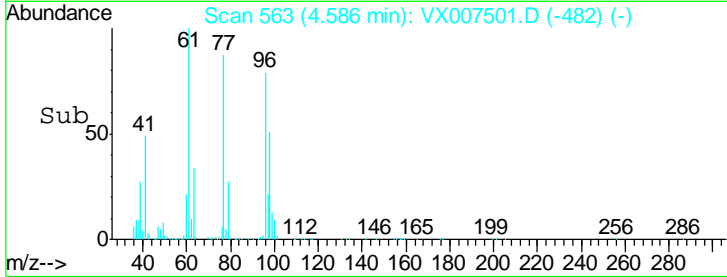
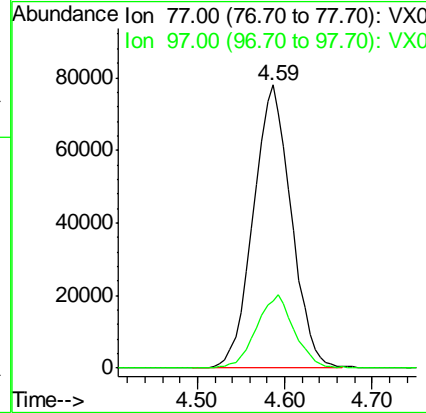
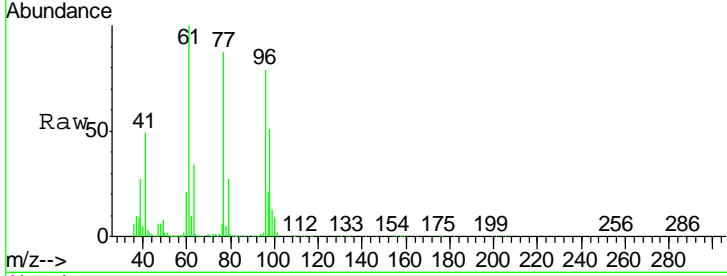




#31  
 2,2-Dichloropropane  
 Concen: 43.827 ug/l  
 RT: 4.59 min Scan# 563  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

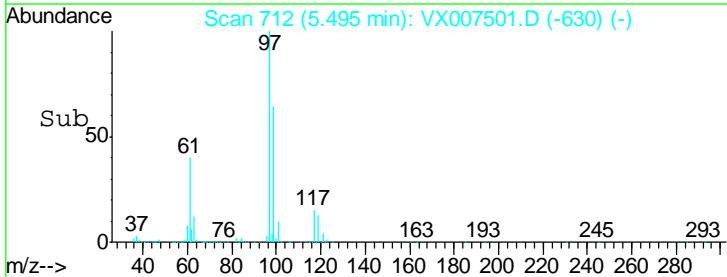
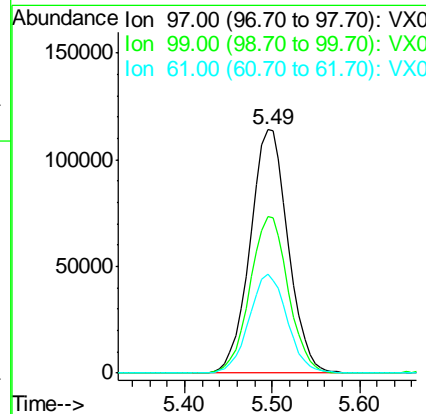
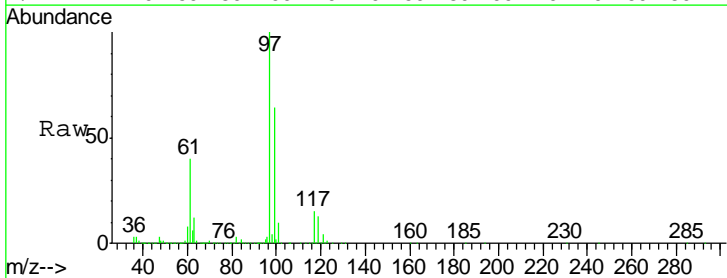
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

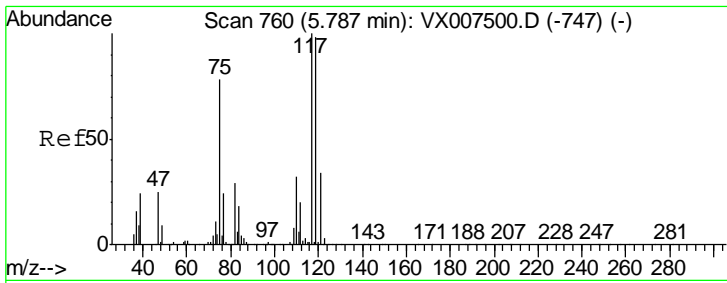
Tgt Ion: 77 Resp: 235108  
 Ion Ratio Lower Upper  
 77 100  
 97 25.7 20.6 31.0



#32  
 1,1,1-Trichloroethane  
 Concen: 52.753 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 97 Resp: 345322  
 Ion Ratio Lower Upper  
 97 100  
 99 64.7 51.7 77.5  
 61 40.7 32.8 49.2

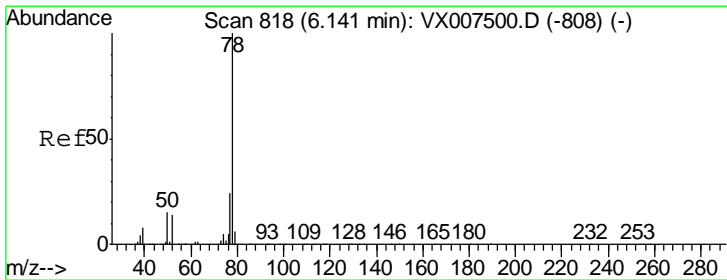
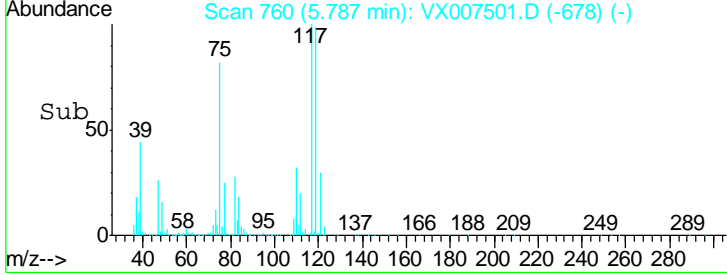
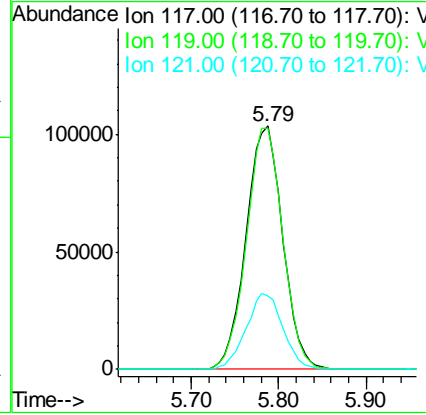
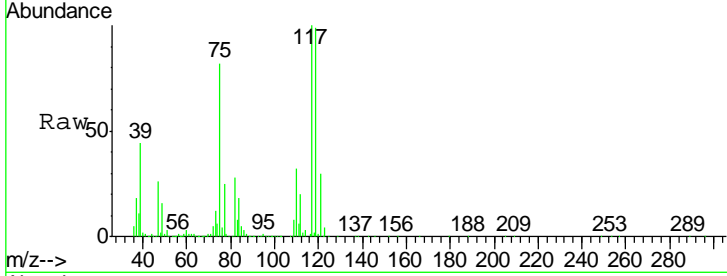




#33  
 Carbon Tetrachloride  
 Concen: 52.451 ug/l  
 RT: 5.79 min Scan# 760  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

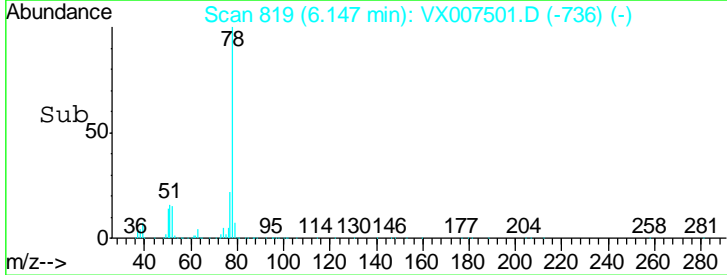
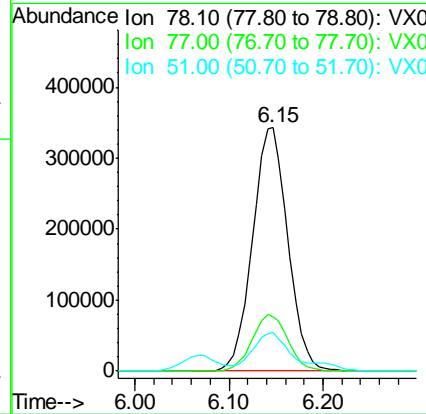
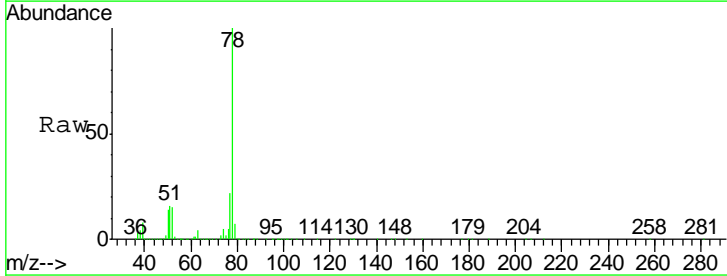
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

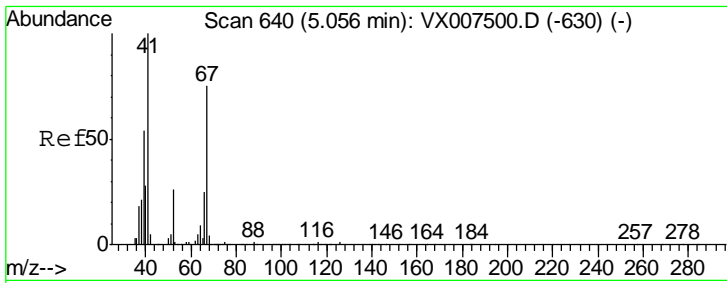
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 117     | 302158 |       |       |
| 119     | 99.0   | 78.1  | 117.1 |
| 121     | 30.2   | 27.0  | 40.6  |



#34  
 Benzene  
 Concen: 52.703 ug/l  
 RT: 6.15 min Scan# 819  
 Delta R.T. 0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 78      | 898993 |       |       |
| 77      | 22.4   | 19.1  | 28.7  |
| 51      | 14.4   | 10.8  | 16.2  |

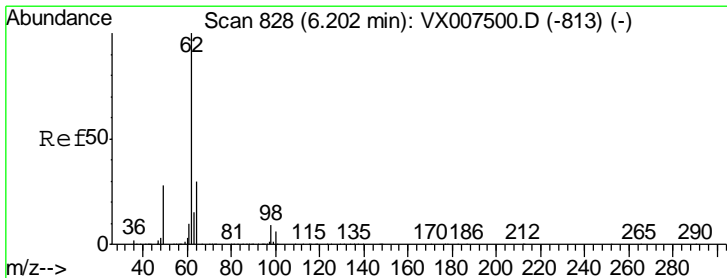
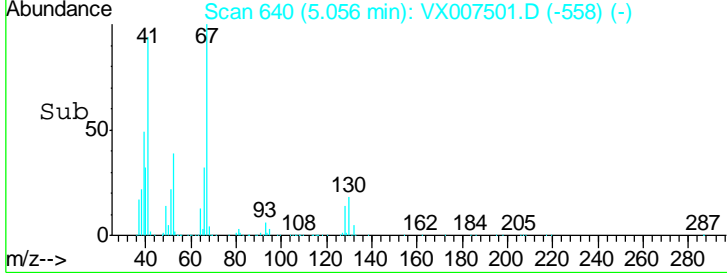
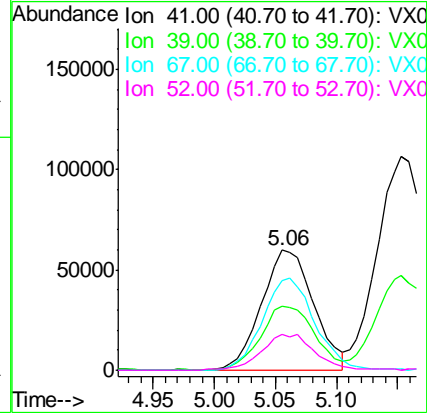
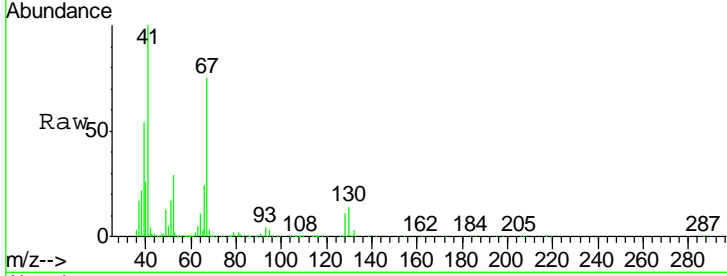




#35  
 Methacrylonitrile  
 Concen: 52.752 ug/l  
 RT: 5.06 min Scan# 640  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

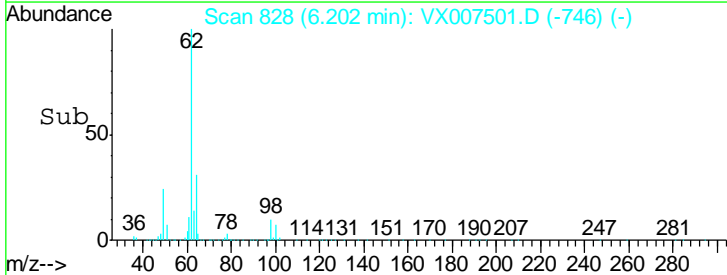
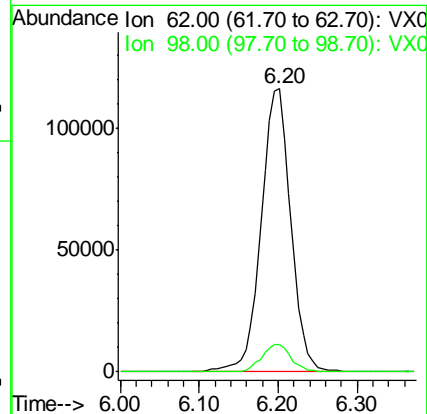
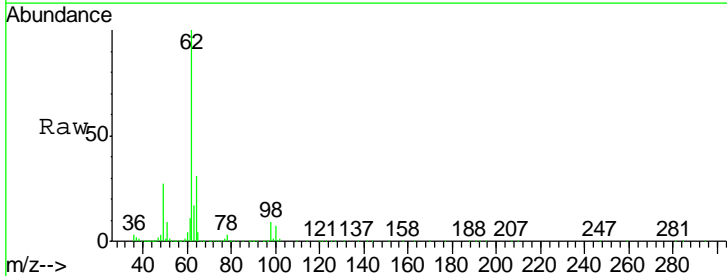
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

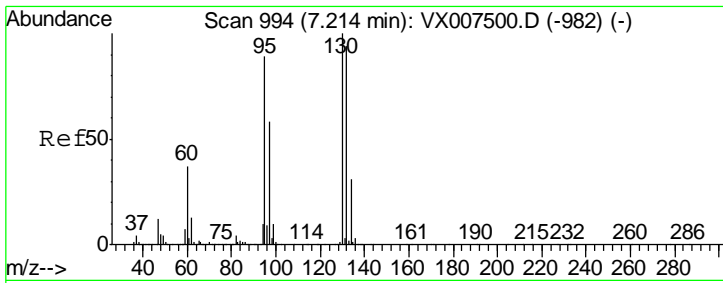
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 41      | 177011 |       |       |
| 39      | 53.4   | 27.4  | 82.0  |
| 67      | 75.1   | 37.9  | 113.6 |
| 52      | 29.2   | 13.3  | 39.9  |



#36  
 1,2-Dichloroethane  
 Concen: 51.812 ug/l  
 RT: 6.20 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 62      | 304135 |       |       |
| 98      | 9.6    | 7.8   | 11.8  |

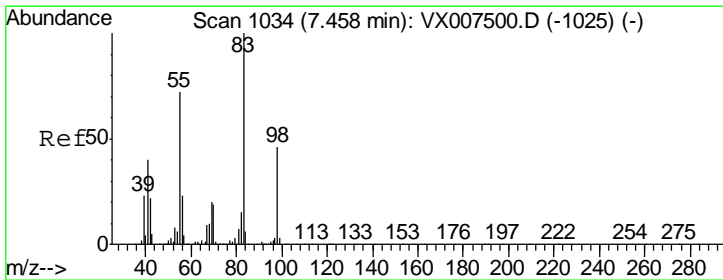
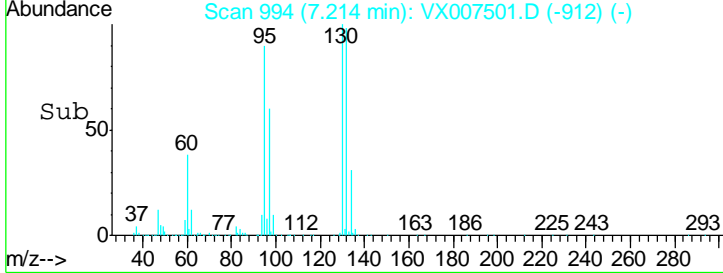
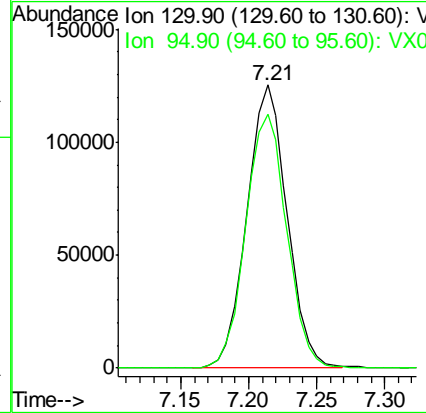
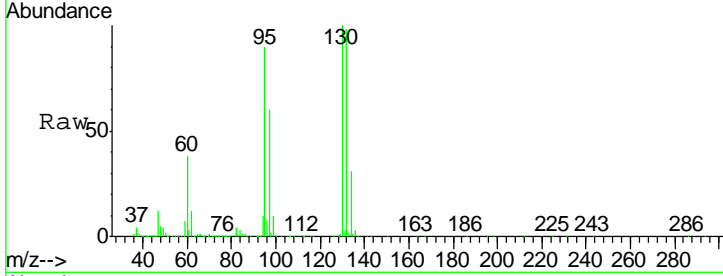




#37  
 Trichloroethene  
 Concen: 51.576 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

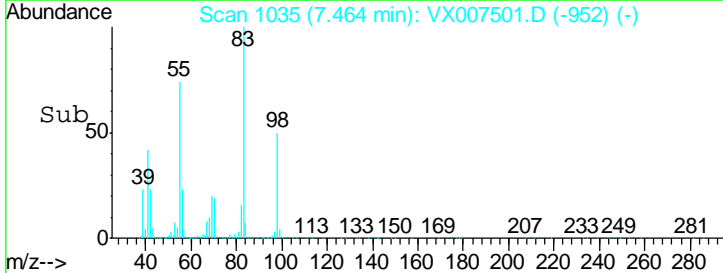
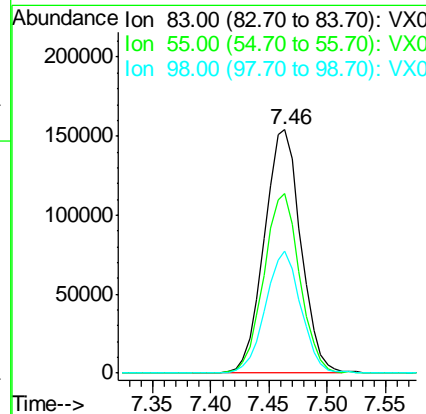
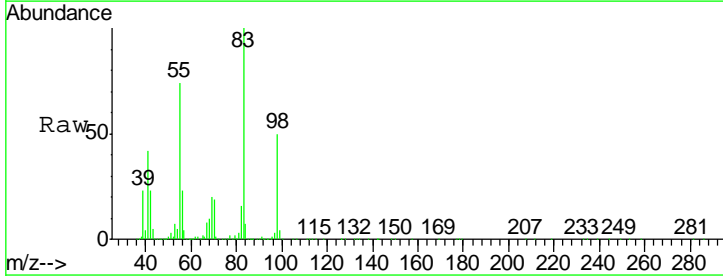
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

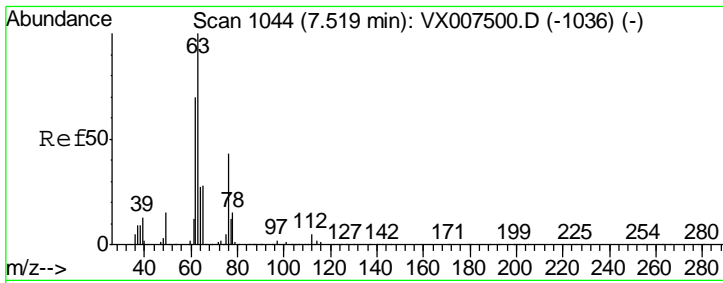
Tgt Ion: 130 Resp: 258301  
 Ion Ratio Lower Upper  
 130 100  
 95 89.7 71.3 106.9



#38  
 Methylcyclohexane  
 Concen: 48.636 ug/l  
 RT: 7.46 min Scan# 1035  
 Delta R.T. 0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 83 Resp: 336178  
 Ion Ratio Lower Upper  
 83 100  
 55 72.6 36.0 108.0  
 98 48.8 23.8 71.4

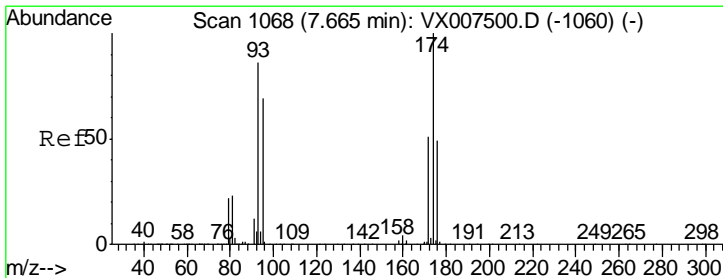
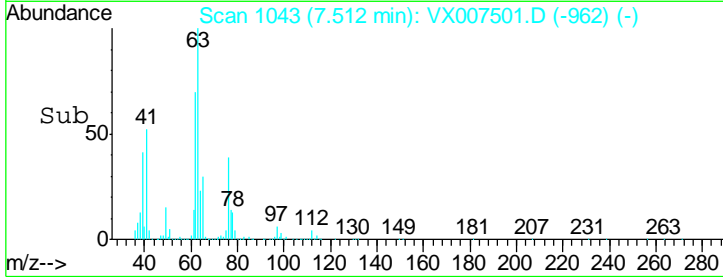
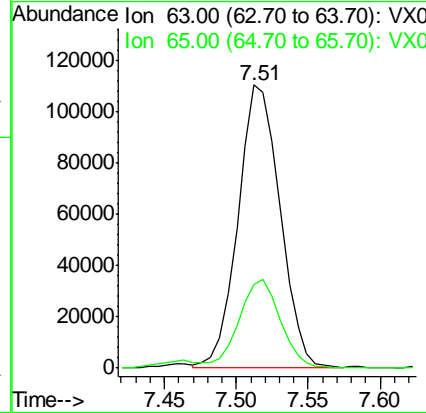
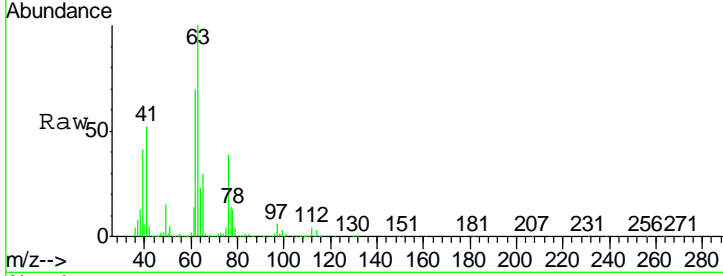




#39  
 1,2-Dichloropropane  
 Concen: 52.483 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

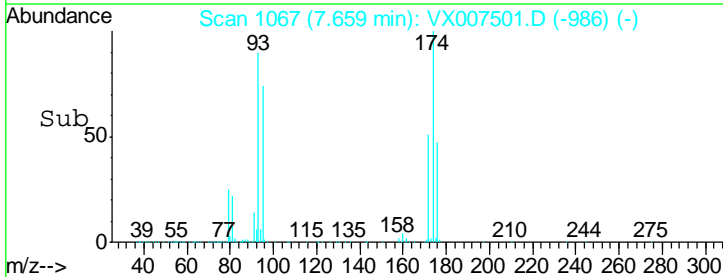
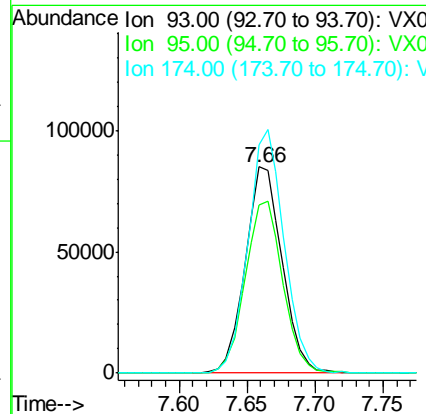
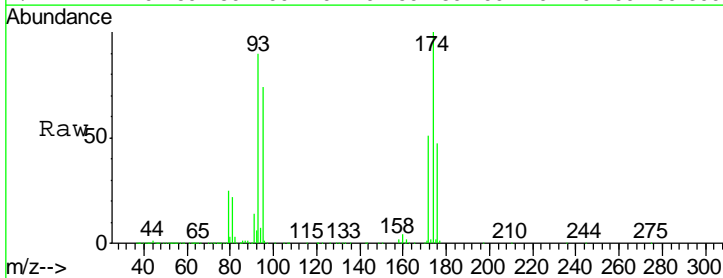
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

Tgt Ion: 63 Resp: 224637  
 Ion Ratio Lower Upper  
 63 100  
 65 29.6 24.6 37.0

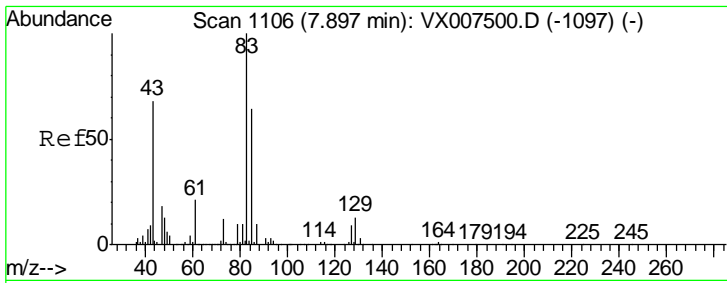


#40  
 Dibromomethane  
 Concen: 52.029 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 93 Resp: 161396  
 Ion Ratio Lower Upper  
 93 100  
 95 84.5 0.0 158.8  
 174 115.8 0.0 224.2



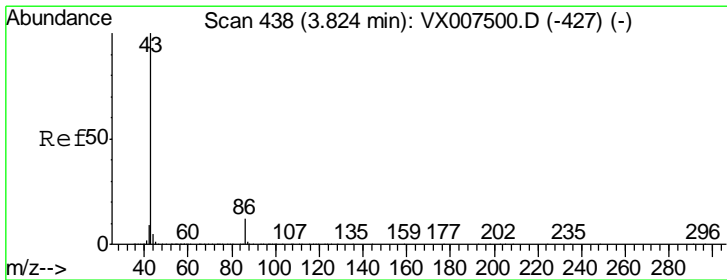
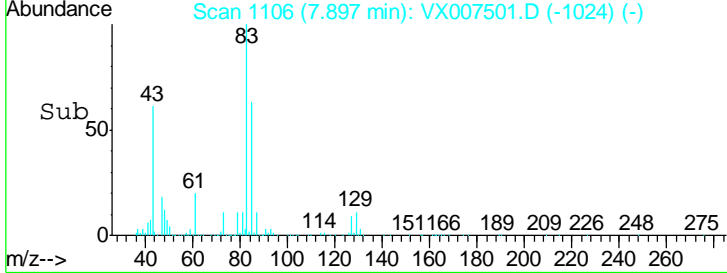
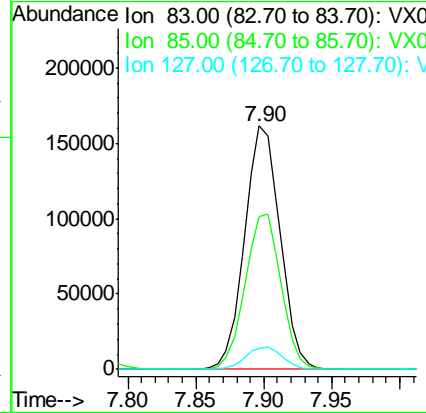
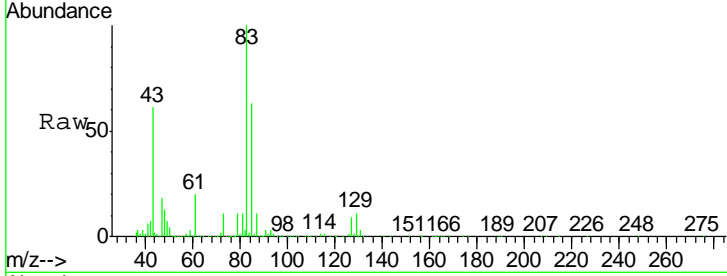




#41  
 Bromodichloromethane  
 Concen: 54.028 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

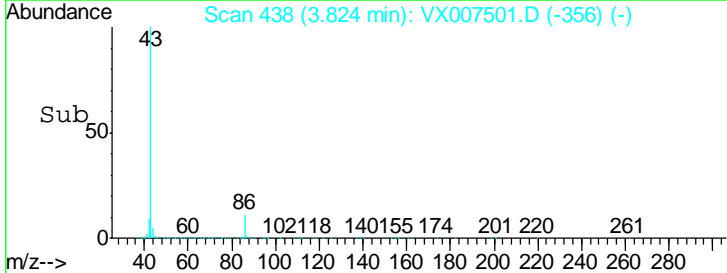
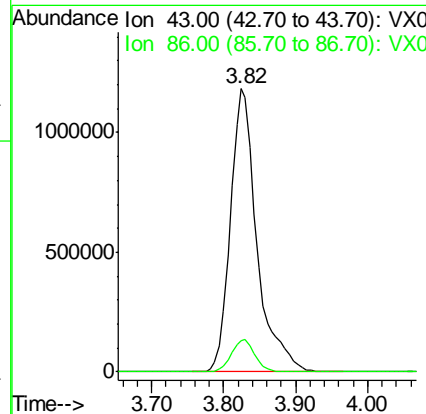
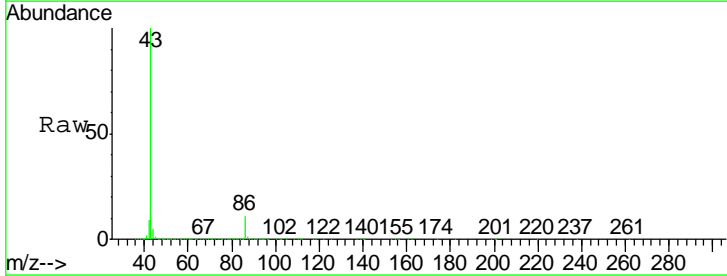
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

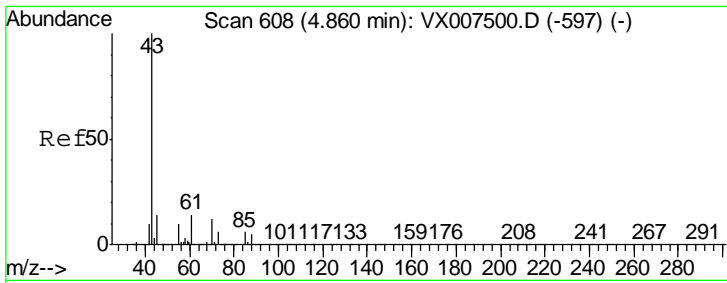
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 83      | 293366 |       |       |
| 85      | 62.8   | 51.1  | 76.7  |
| 127     | 8.8    | 7.2   | 10.8  |



#42  
 Vinyl Acetate  
 Concen: 268.266 ug/l  
 RT: 3.82 min Scan# 438  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp    | Lower | Upper |
|---------|---------|-------|-------|
| 43      | 3028930 |       |       |
| 86      | 10.1    | 8.2   | 12.2  |

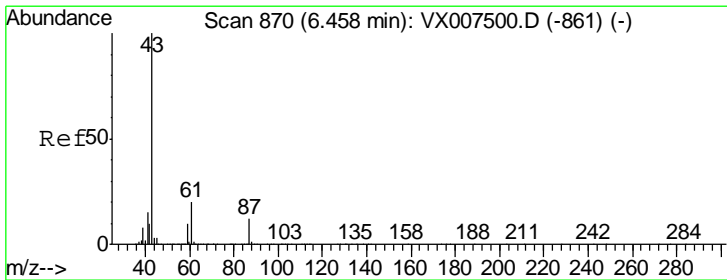
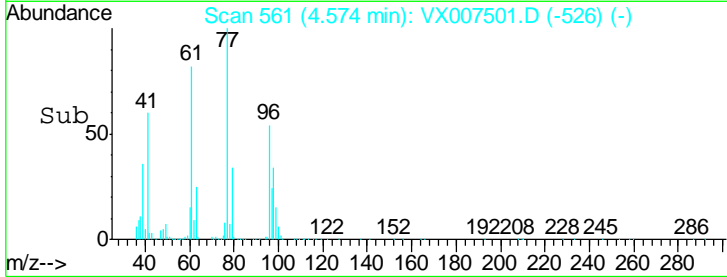
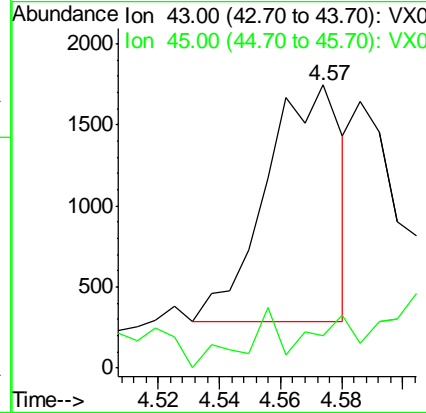
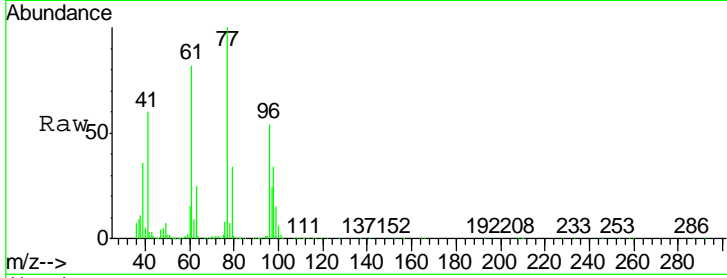




#43  
 Ethyl Acetate  
 Concen: 0.406 ug/l  
 RT: 4.57 min Scan# 561  
 Delta R.T. -0.29 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

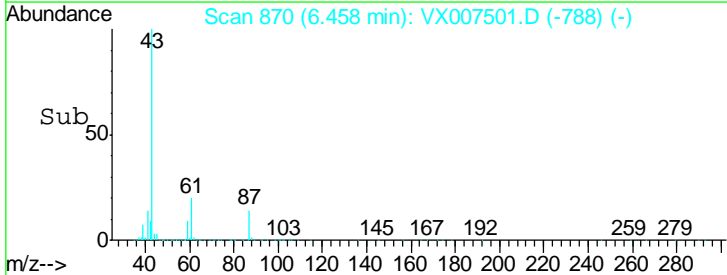
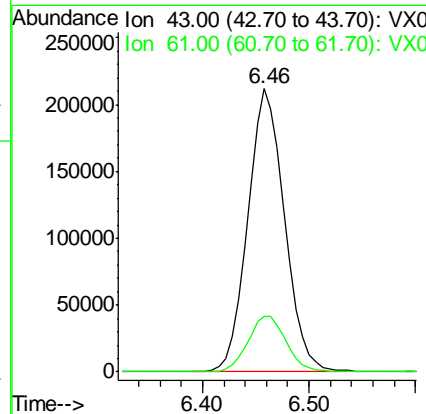
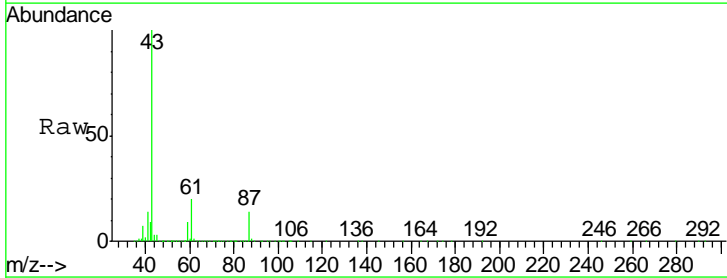
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC050

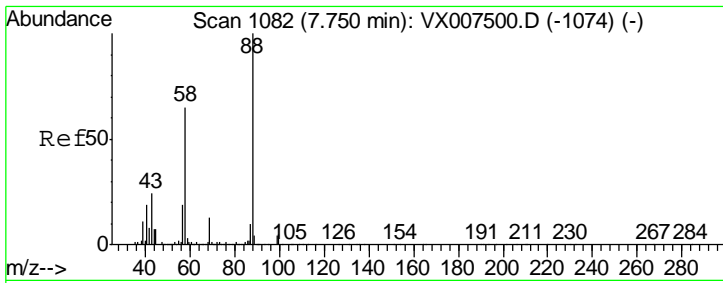
Tgt Ion: 43 Resp: 2511  
 Ion Ratio Lower Upper  
 43 100  
 45 8.3 6.9 10.3



#44  
 Isopropyl Acetate  
 Concen: 53.127 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 43 Resp: 510738  
 Ion Ratio Lower Upper  
 43 100  
 61 20.5 16.1 24.1

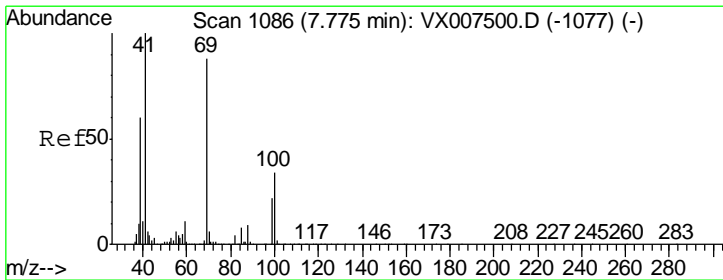
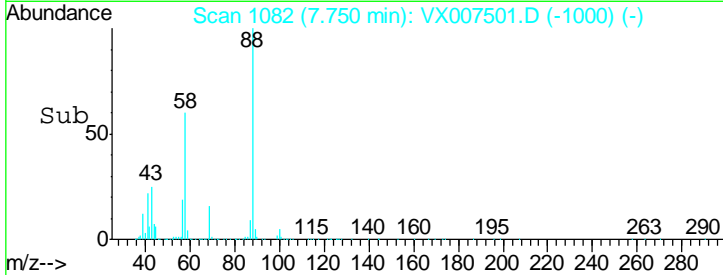
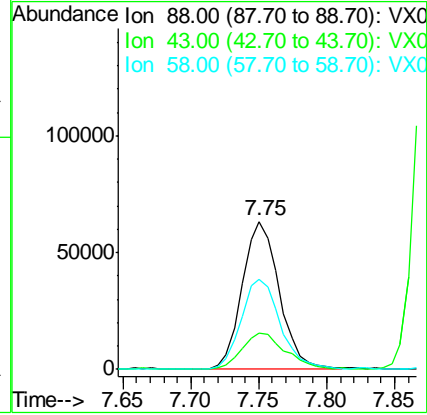
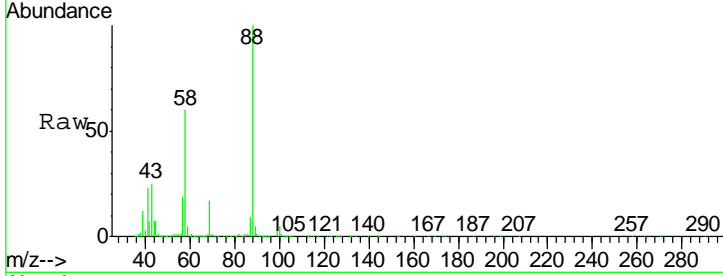




#45  
 1,4-Dioxane  
 Concen: 1046.298 ug/l  
 RT: 7.75 min Scan# 1082  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

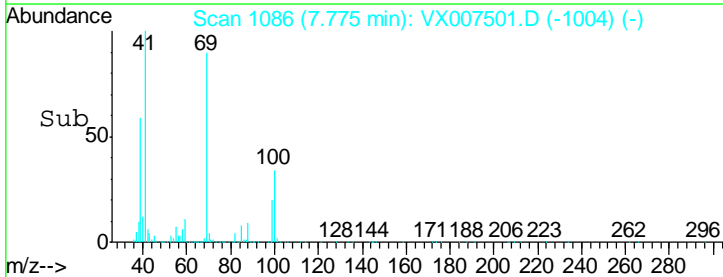
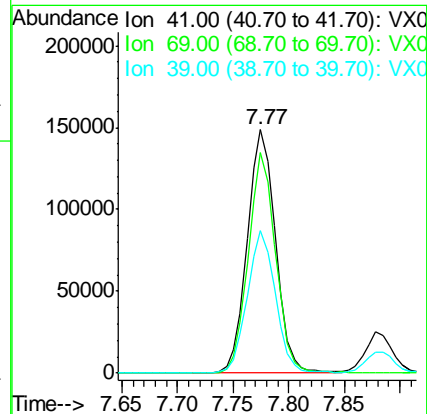
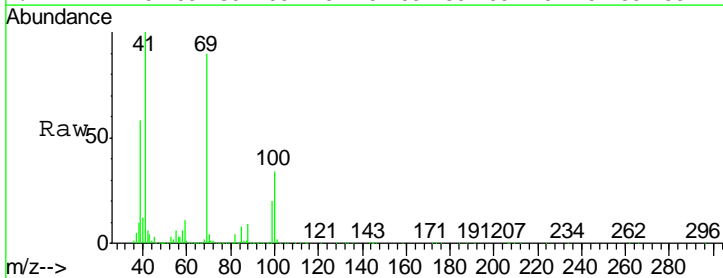
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

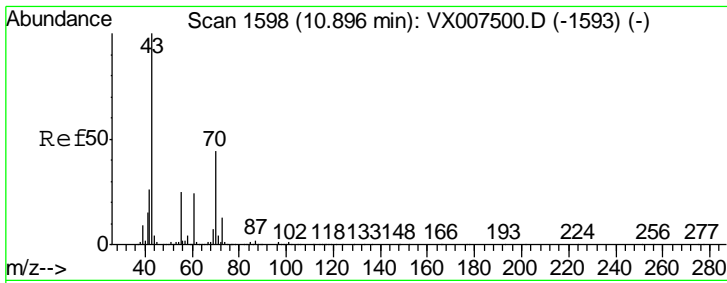
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 88      | 120928 |       |       |
| 43      | 28.7   | 23.6  | 35.4  |
| 58      | 63.8   | 51.6  | 77.4  |



#46  
 Methyl methacrylate  
 Concen: 53.532 ug/l  
 RT: 7.77 min Scan# 1086  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 41      | 261600 |       |       |
| 69      | 90.5   | 44.2  | 132.6 |
| 39      | 58.4   | 29.9  | 89.8  |

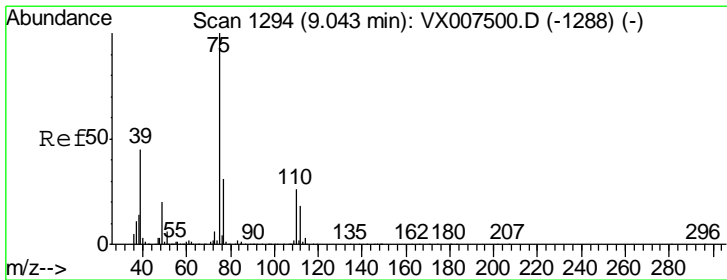
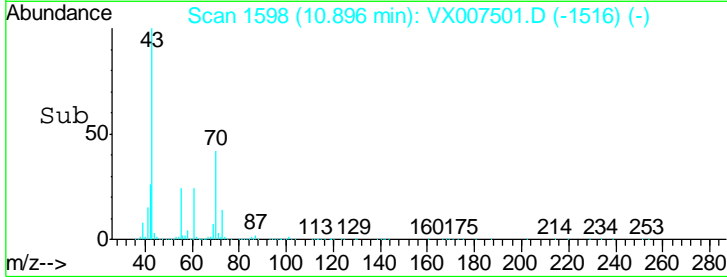
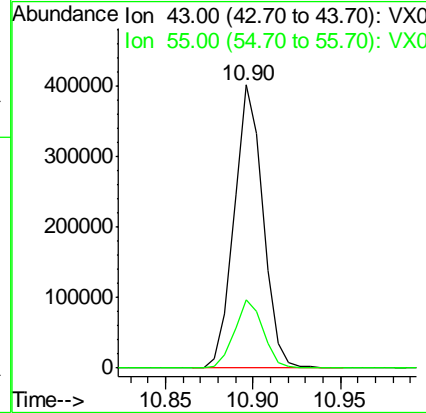
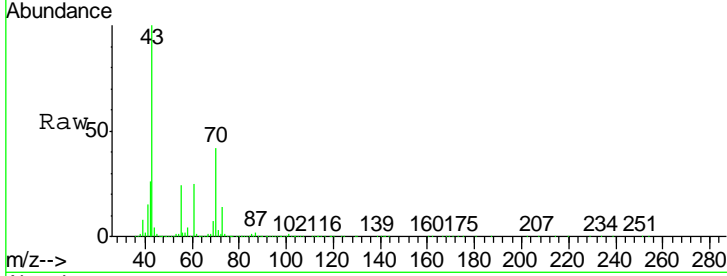




#47  
 n-amyl Acetate  
 Concen: 54.664 ug/l  
 RT: 10.90 min Scan# 1598  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

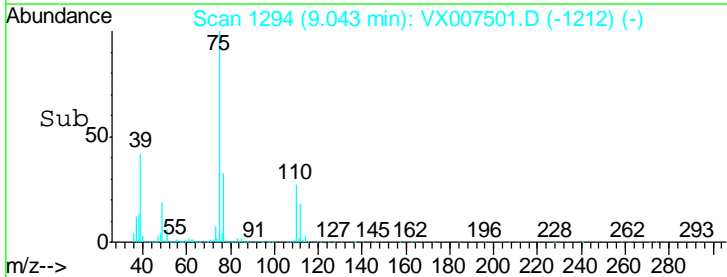
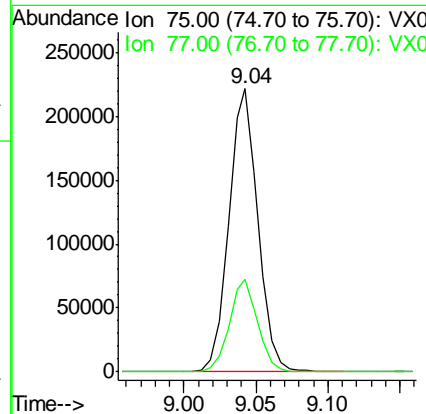
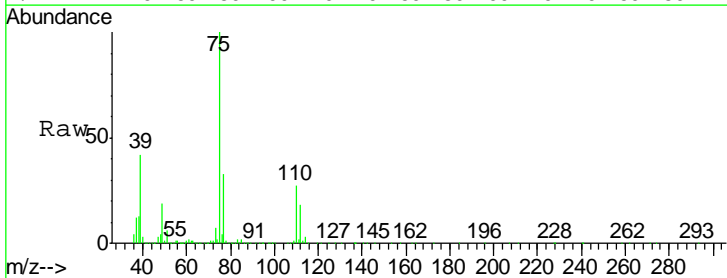
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

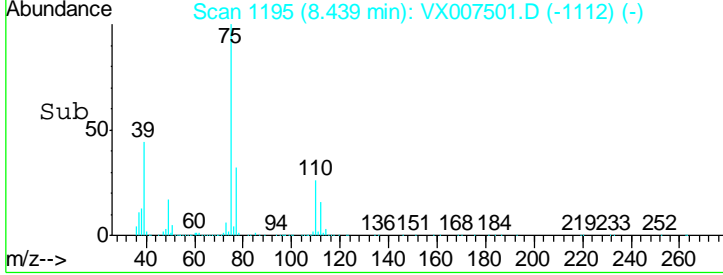
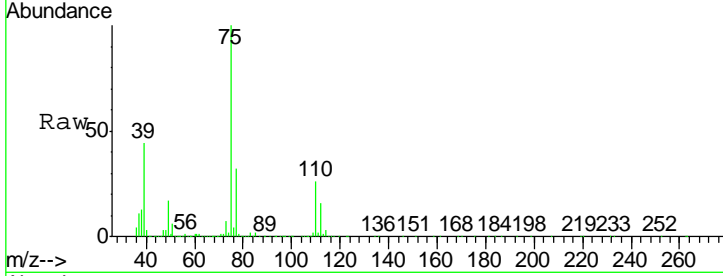
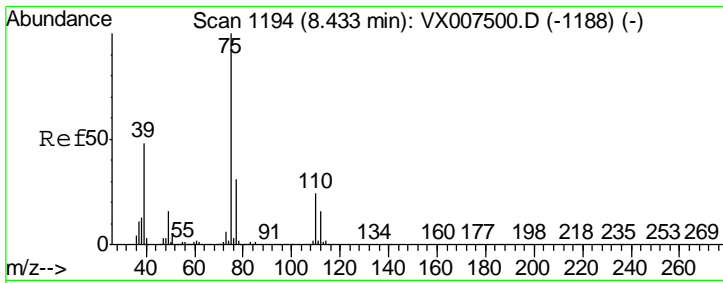
Tgt Ion: 43 Resp: 460357  
 Ion Ratio Lower Upper  
 43 100  
 55 24.2 20.8 31.2



#48  
 t-1,3-Dichloropropene  
 Concen: 52.977 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 75 Resp: 309871  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 24.5 36.7

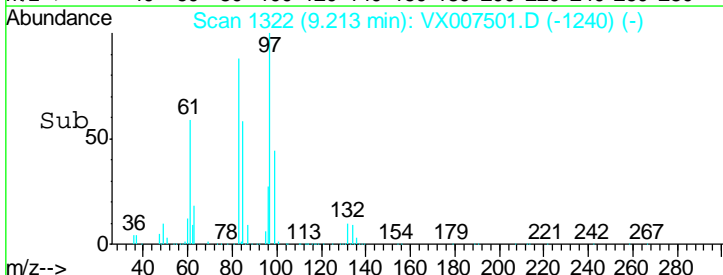
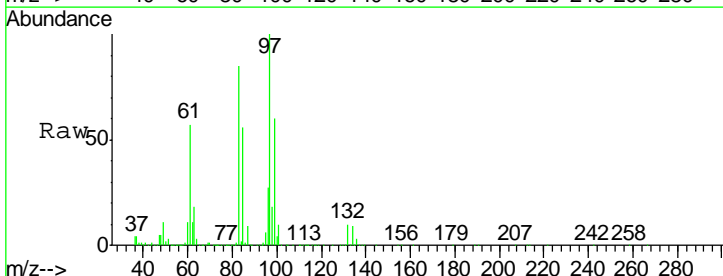
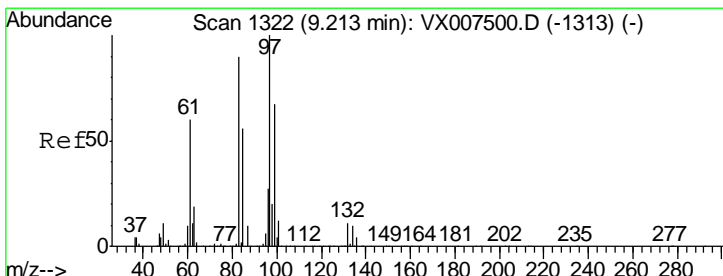
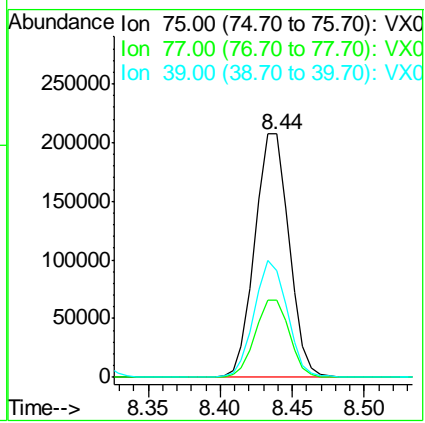




#49  
 cis-1,3-Dichloropropene  
 Concen: 52.382 ug/l  
 RT: 8.44 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

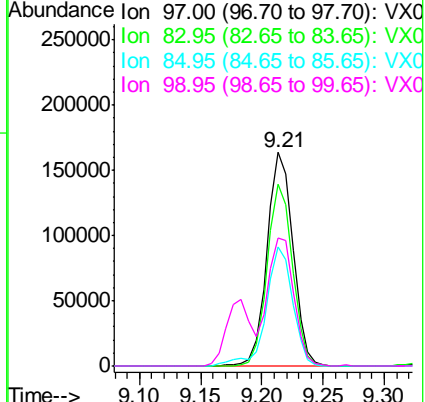
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

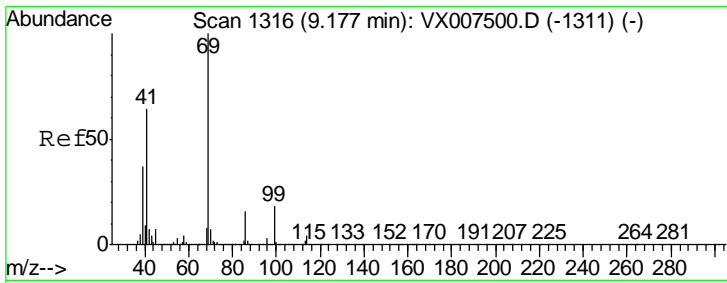
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 75      | 340922 |       |       |
| 77      | 31.6   | 25.0  | 37.4  |
| 39      | 43.8   | 38.5  | 57.7  |



#50  
 1,1,2-Trichloroethane  
 Concen: 52.297 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 97      | 241295 |       |       |
| 83      | 85.1   | 72.0  | 108.0 |
| 85      | 55.5   | 45.0  | 67.6  |
| 99      | 60.1   | 54.2  | 81.4  |

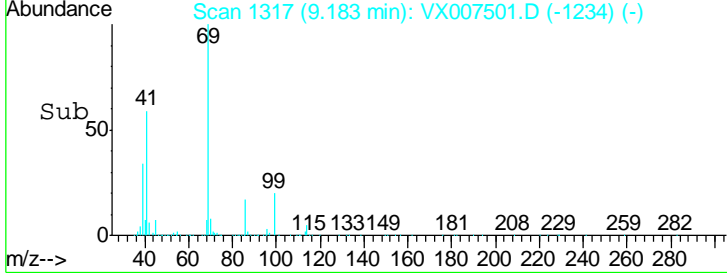
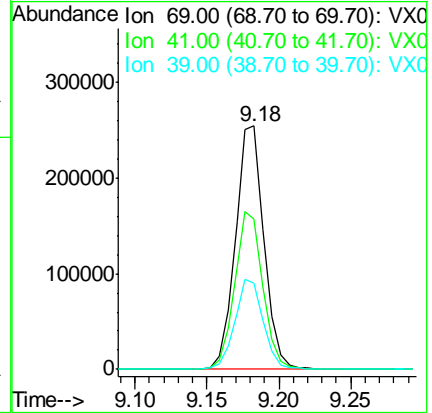
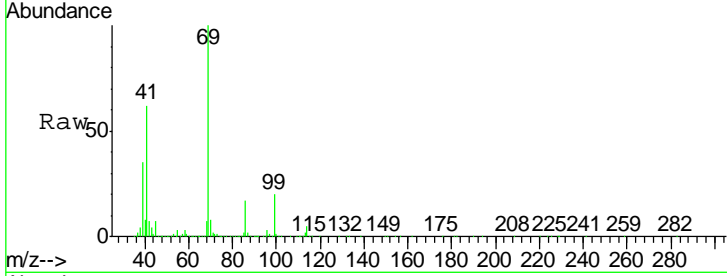




#51  
 Ethyl methacrylate  
 Concen: 53.425 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. 0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

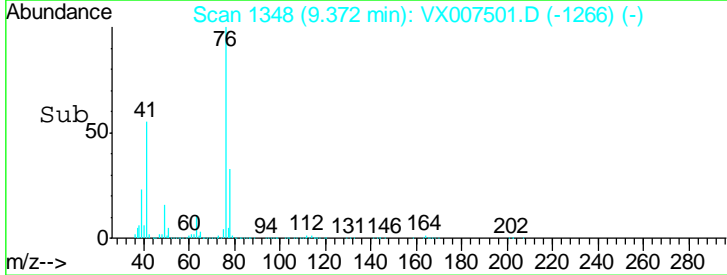
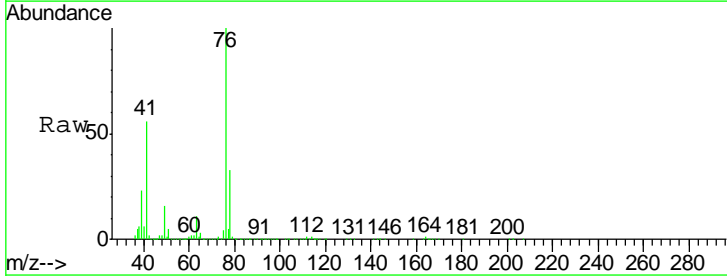
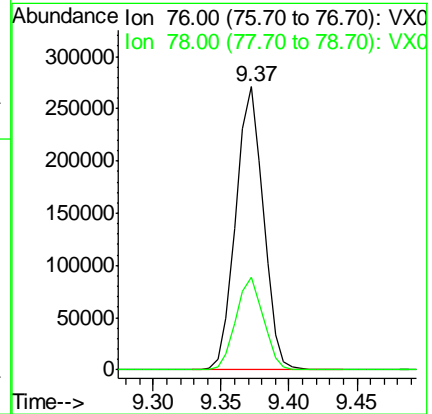
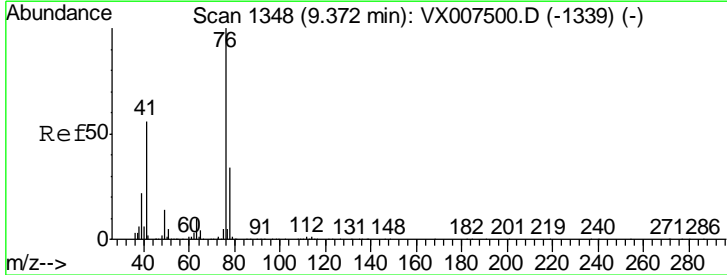
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

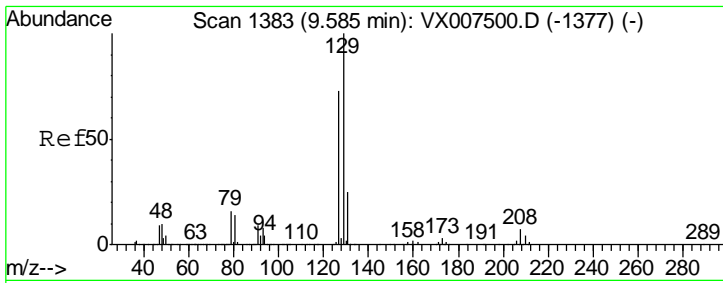
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 69      | 353362 |       |       |
| 41      | 61.5   | 32.1  | 96.5  |
| 39      | 35.2   | 18.8  | 56.3  |



#52  
 1,3-Dichloropropane  
 Concen: 51.831 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 76      | 383617 |       |       |
| 78      | 32.8   | 0.0   | 65.2  |

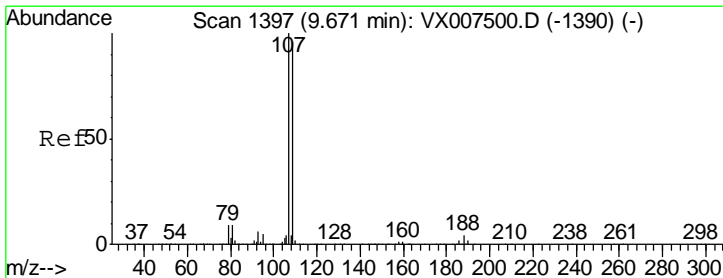
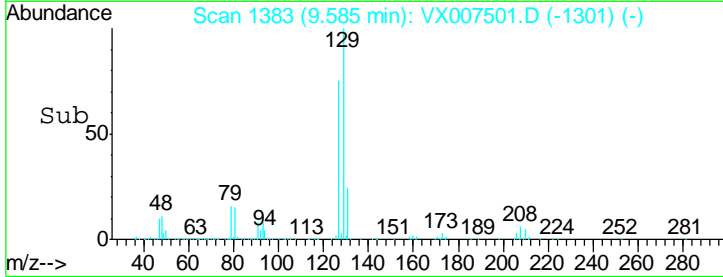
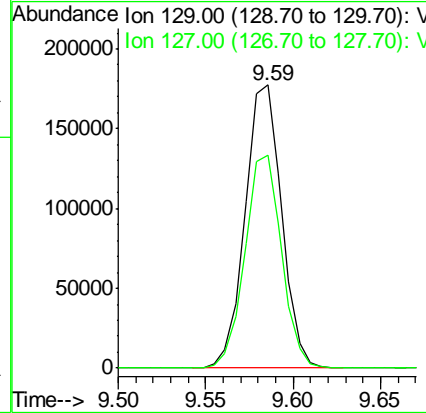
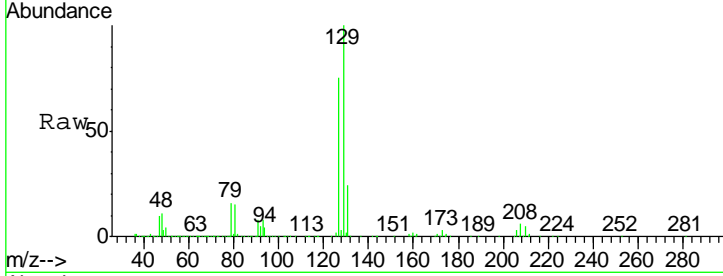




#53  
 Dibromochloromethane  
 Concen: 55.204 ug/l  
 RT: 9.59 min Scan# 1383  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

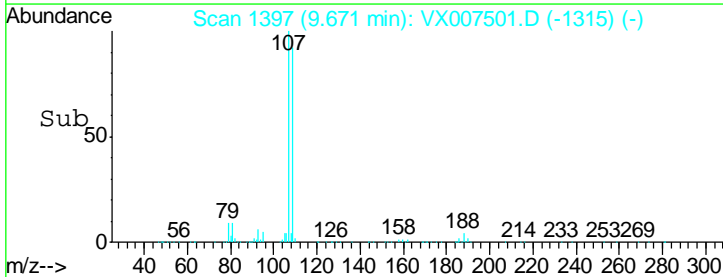
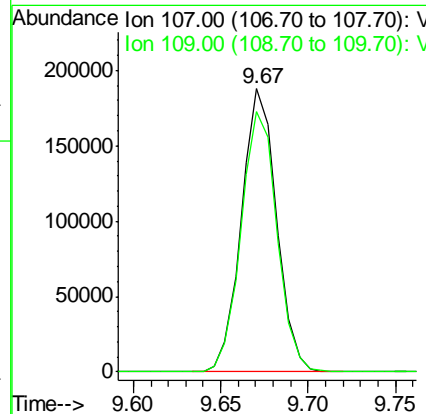
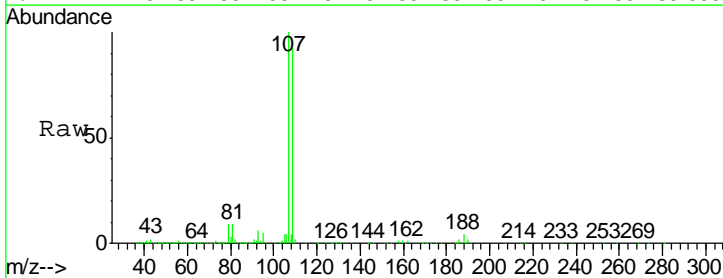
Instrument : MSVOA\_X  
 ClientSampleId : VSTDIC050

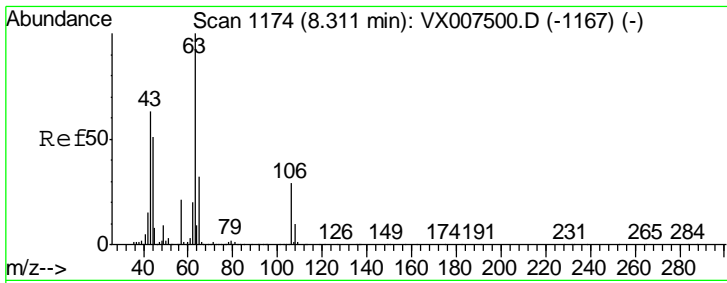
Tgt Ion:129 Resp: 257977  
 Ion Ratio Lower Upper  
 129 100  
 127 75.2 38.4 115.2



#54  
 1,2-Dibromoethane  
 Concen: 52.893 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion:107 Resp: 262171  
 Ion Ratio Lower Upper  
 107 100  
 109 94.1 76.6 115.0

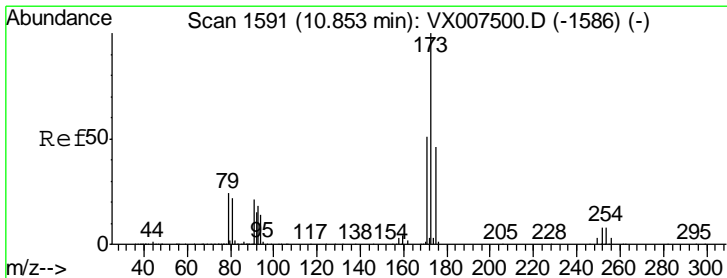
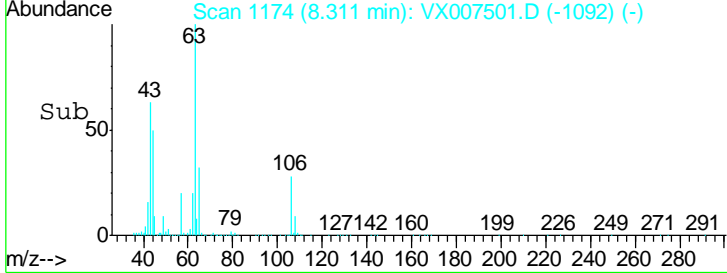
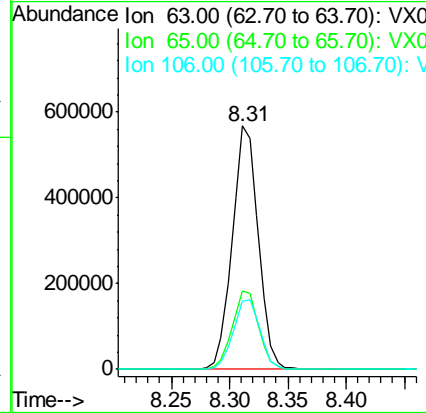
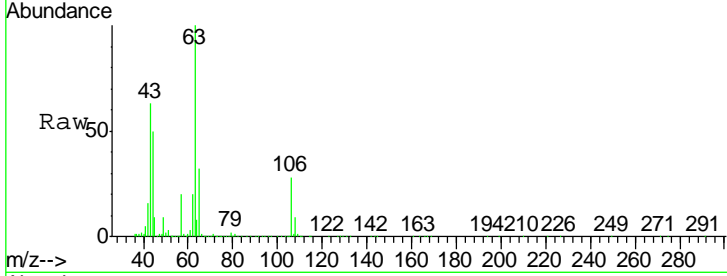




#55  
 2-Chloroethyl vinyl ether  
 Concen: 247.879 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

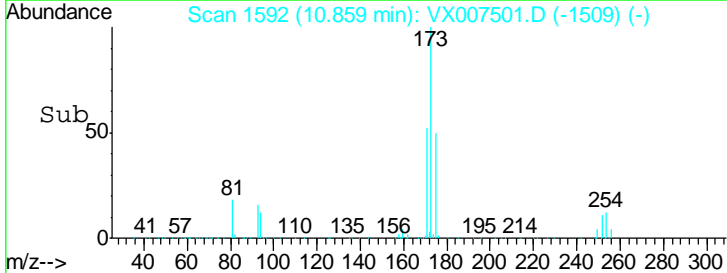
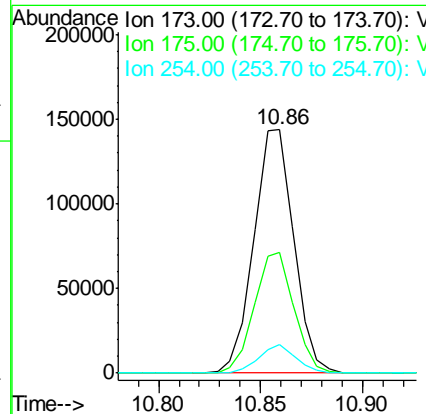
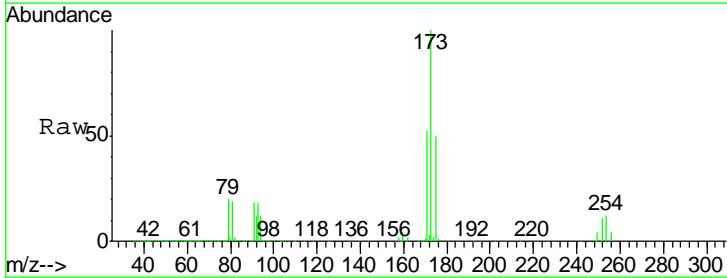
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 63      | 100  |       |       |
| 65      | 32.7 | 25.7  | 38.5  |
| 106     | 29.8 | 23.7  | 35.5  |

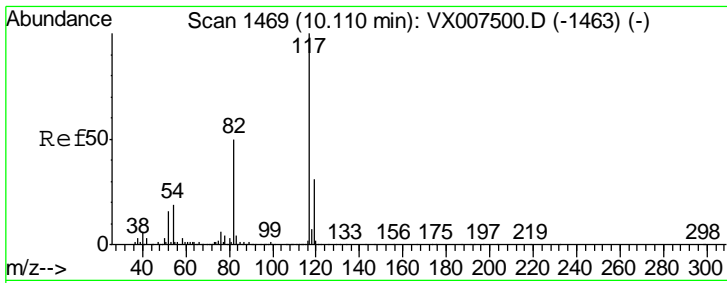


#56  
 Bromoform  
 Concen: 55.326 ug/l  
 RT: 10.86 min Scan# 1592  
 Delta R.T. 0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 173     | 100  |       |       |
| 175     | 49.0 | 38.5  | 57.7  |
| 254     | 10.4 | 7.4   | 11.2  |



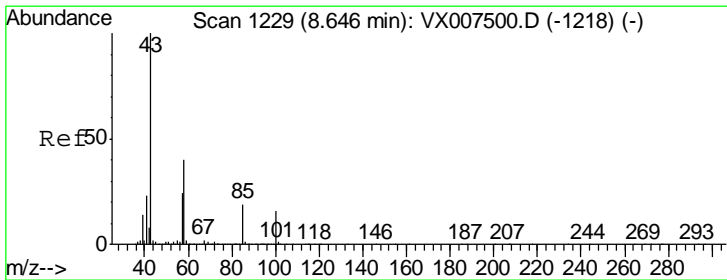
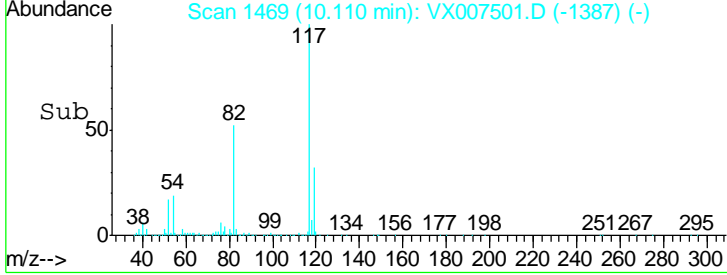
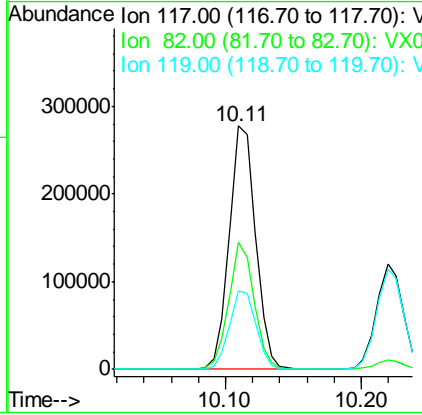
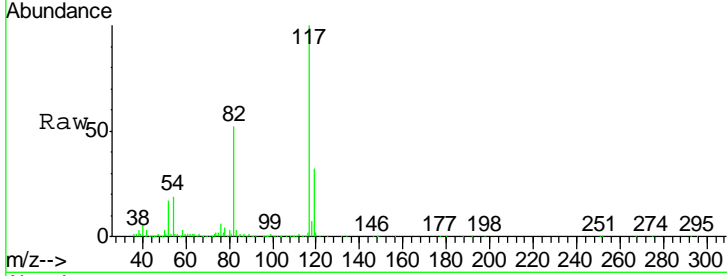




#57  
 Chlorobenzene-d5  
 Concen: 30.000 ug/l  
 RT: 10.11 min Scan# 1469  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

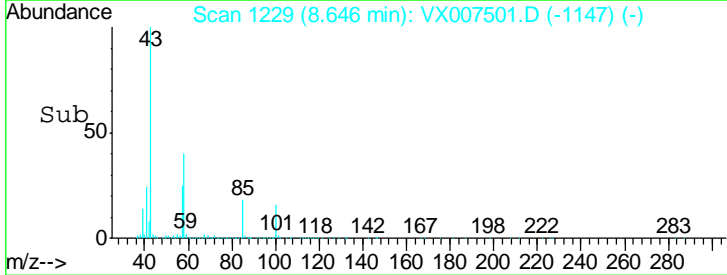
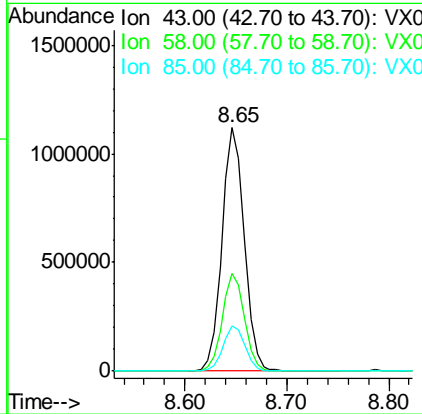
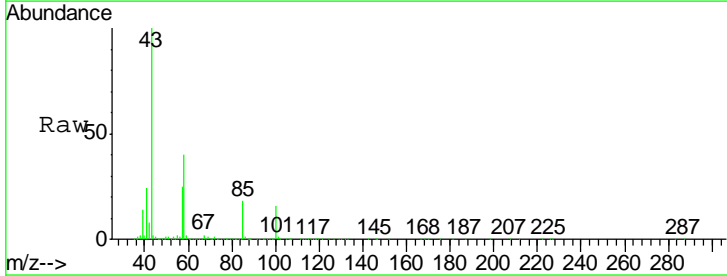
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

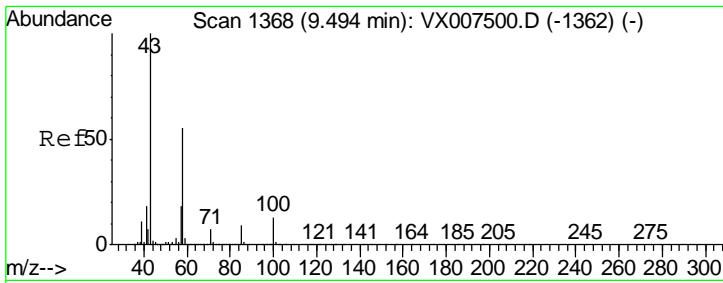
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 117     | 376111 |       |       |
| 82      | 50.0   | 40.4  | 60.6  |
| 119     | 32.9   | 25.8  | 38.6  |



#58  
 4-Methyl-2-Pentanone  
 Concen: 266.219 ug/l  
 RT: 8.65 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp    | Lower | Upper |
|---------|---------|-------|-------|
| 43      | 1703887 |       |       |
| 58      | 39.4    | 31.4  | 47.0  |
| 85      | 18.5    | 15.0  | 22.6  |

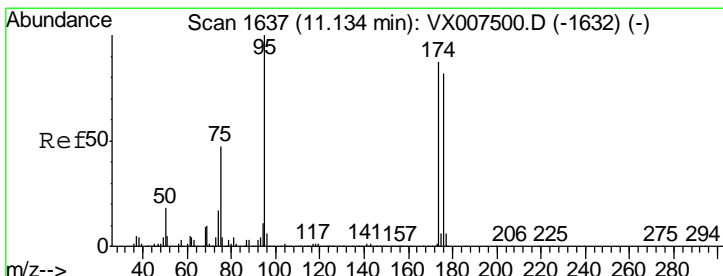
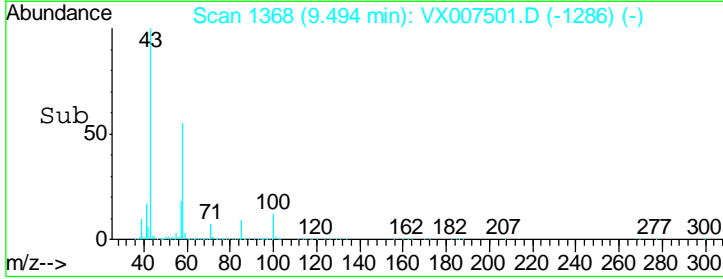
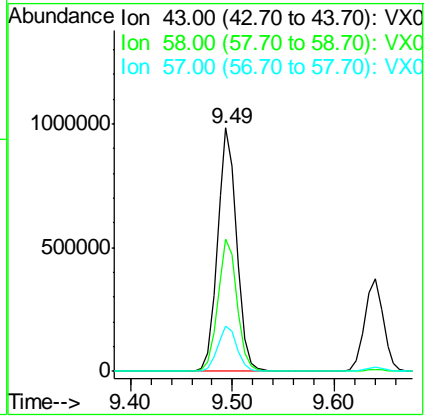
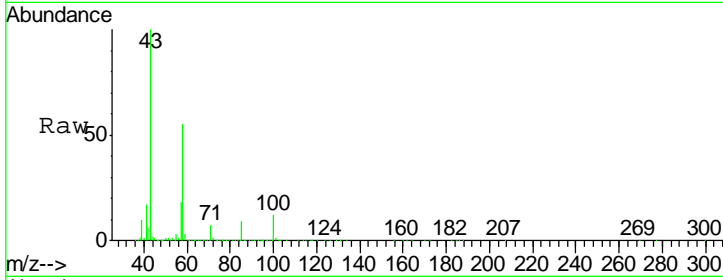




#59  
 2-Hexanone  
 Concen: 264.224 ug/l  
 RT: 9.49 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

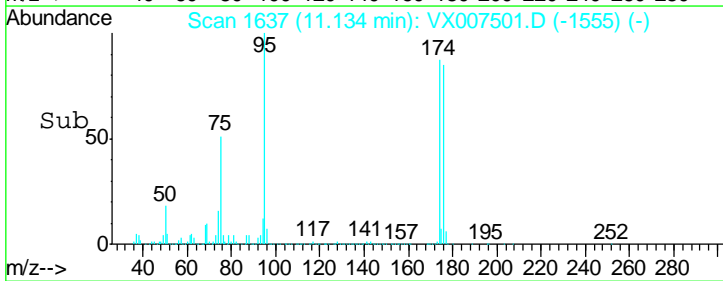
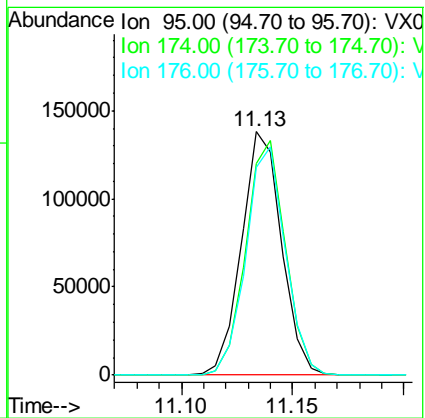
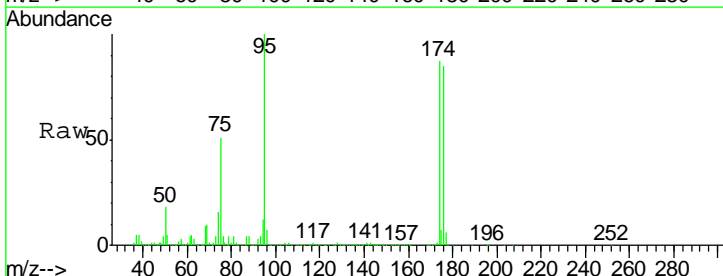
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

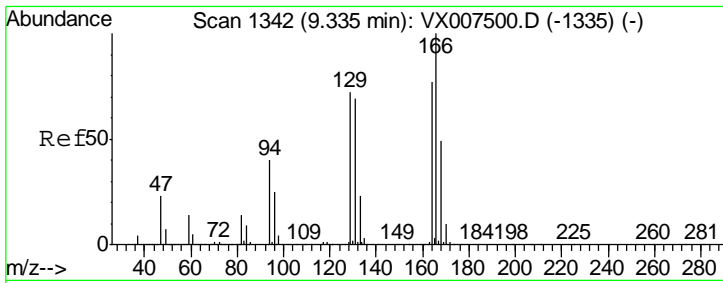
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 58      | 54.7 | 43.9  | 65.9  |
| 57      | 18.6 | 14.9  | 22.3  |



#60  
 4-Bromofluorobenzene  
 Concen: 29.936 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 95      | 100  |       |       |
| 174     | 95.2 | 74.9  | 112.3 |
| 176     | 92.2 | 70.7  | 106.1 |

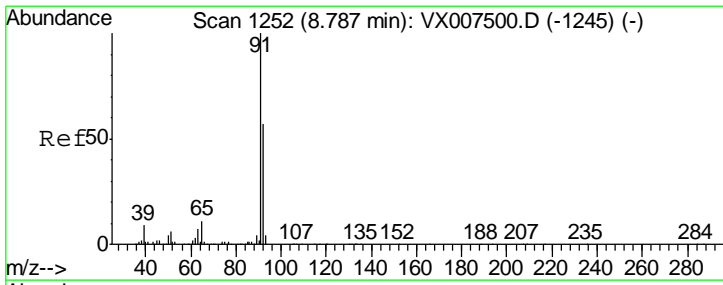
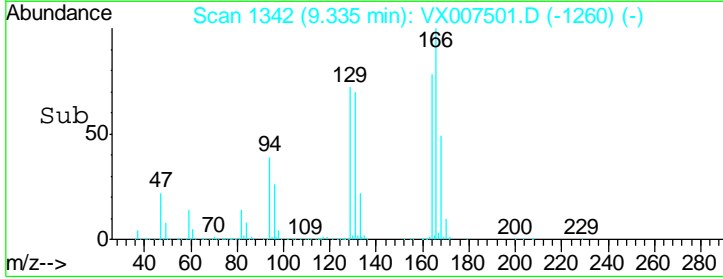
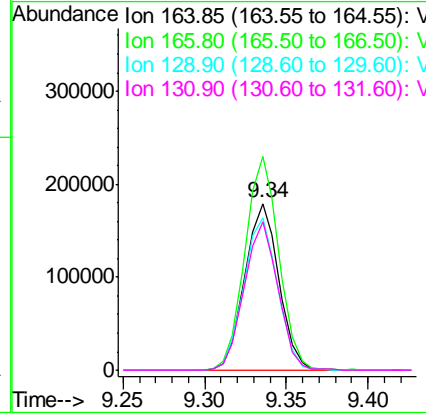
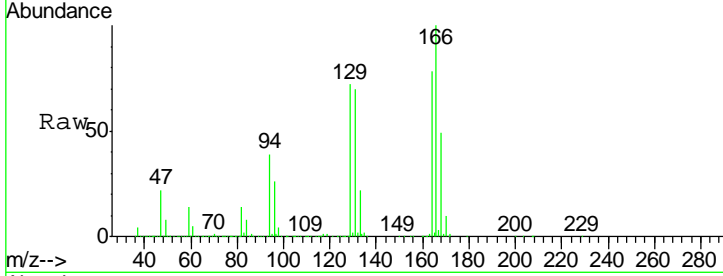




#61  
 Tetrachloroethene  
 Concen: 50.117 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

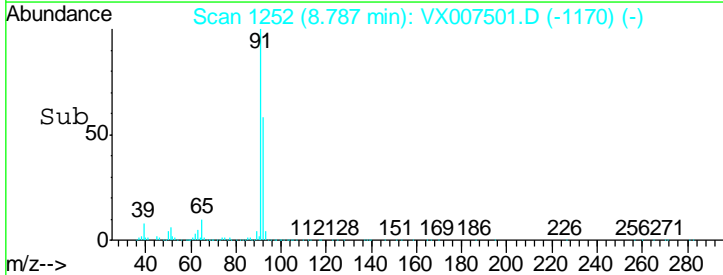
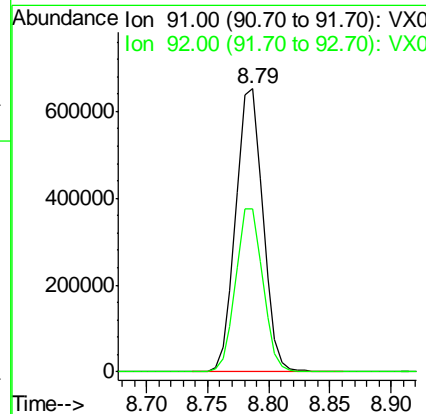
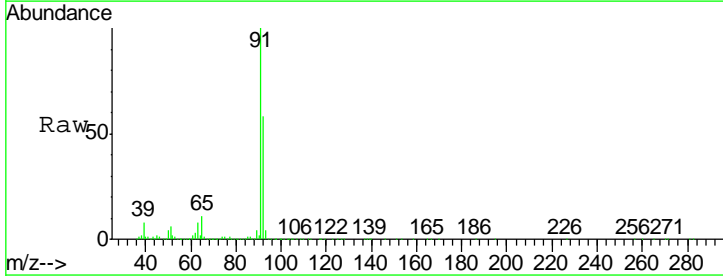
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

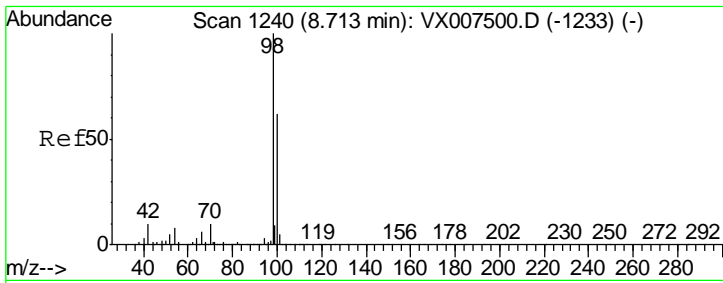
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.3 | 103.9 | 155.9 |
| 129     | 91.8  | 74.7  | 112.1 |
| 131     | 89.5  | 71.7  | 107.5 |



#62  
 Toluene  
 Concen: 51.964 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 92      | 57.8 | 46.4  | 69.6  |

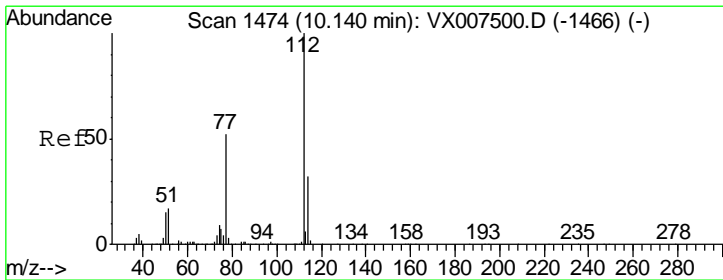
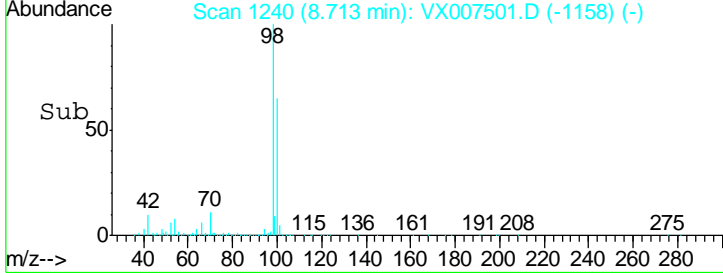
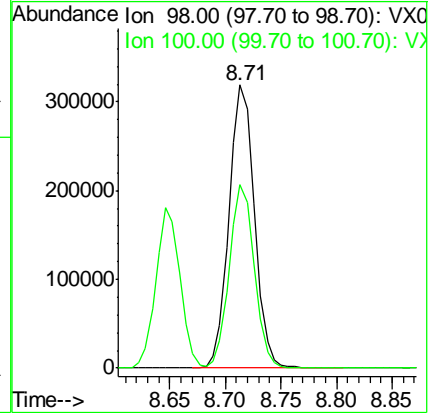
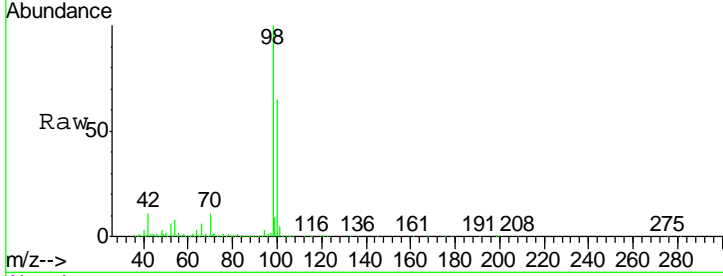




#63  
 Toluene-d8  
 Concen: 29.726 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

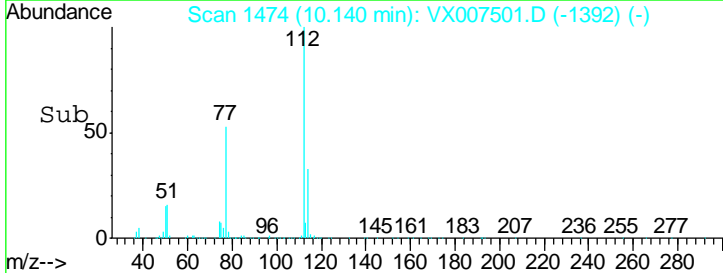
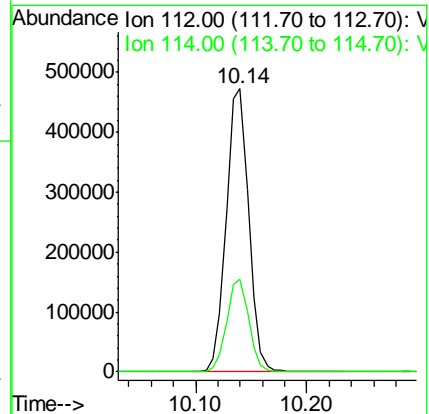
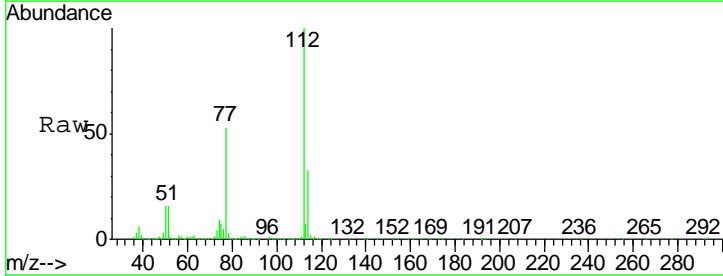
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

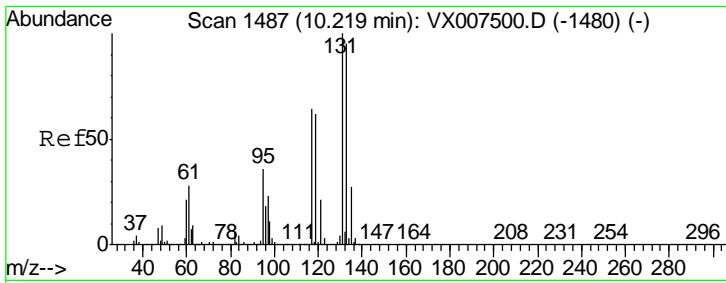
Tgt Ion: 98 Resp: 504013  
 Ion Ratio Lower Upper  
 98 100  
 100 63.6 50.9 76.3



#64  
 Chlorobenzene  
 Concen: 52.014 ug/l  
 RT: 10.14 min Scan# 1474  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 112 Resp: 661111  
 Ion Ratio Lower Upper  
 112 100  
 114 32.7 25.4 38.2

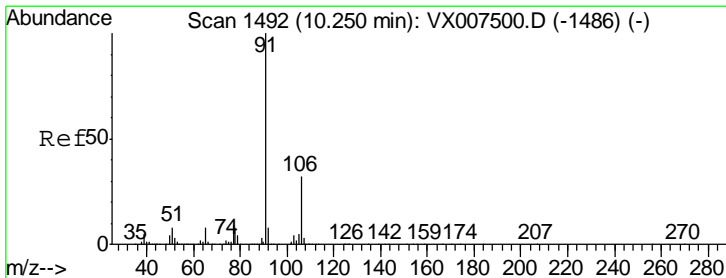
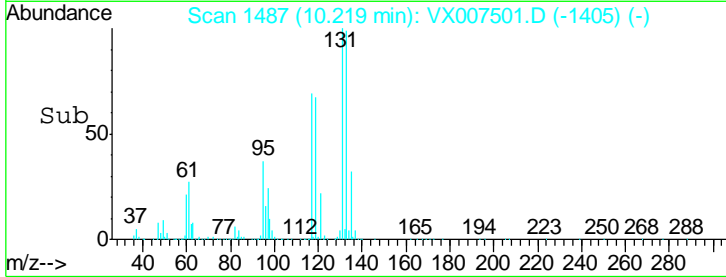
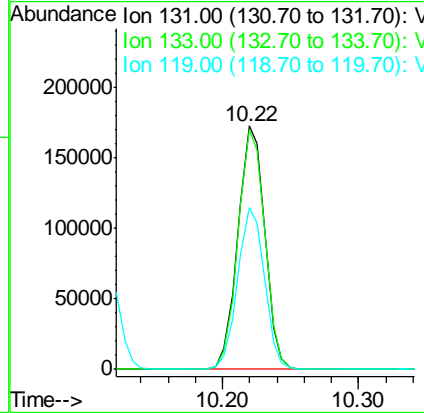
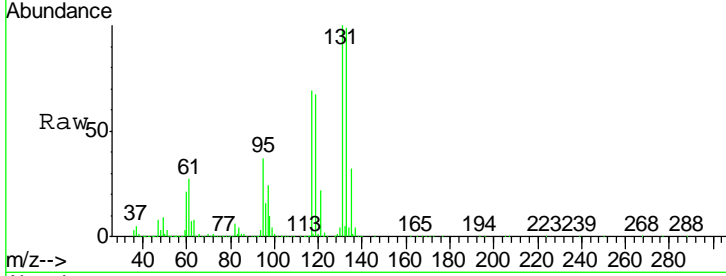




#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 52.419 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

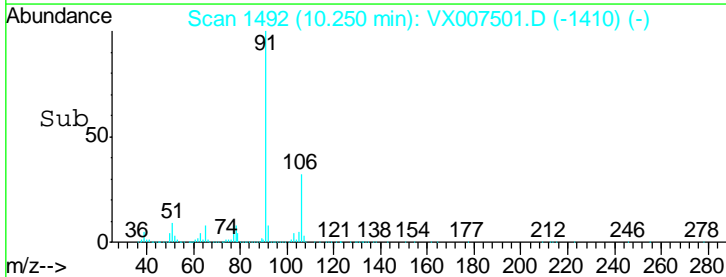
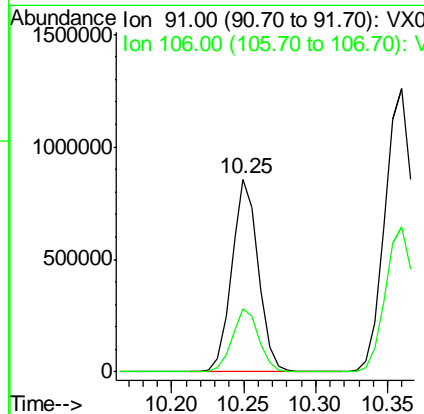
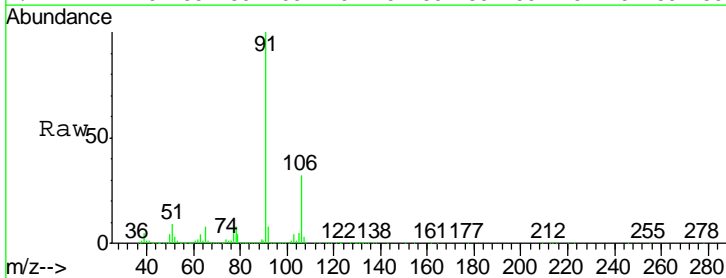
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

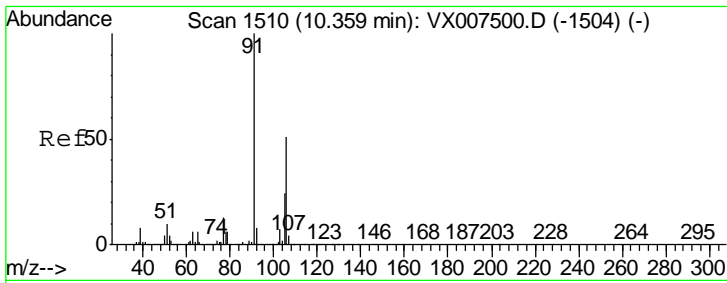
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 131     | 100  |       |       |
| 133     | 98.2 | 0.0   | 191.6 |
| 119     | 66.3 | 0.0   | 127.4 |



#66  
 Ethyl Benzene  
 Concen: 52.975 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 106     | 32.4 | 26.0  | 39.0  |

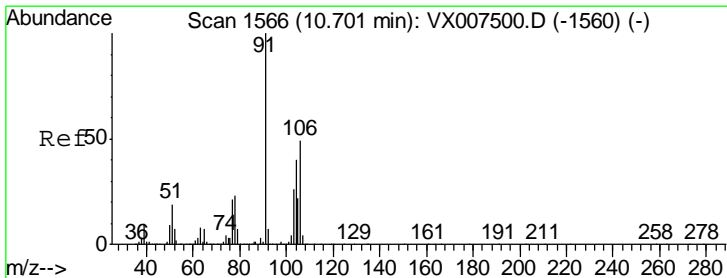
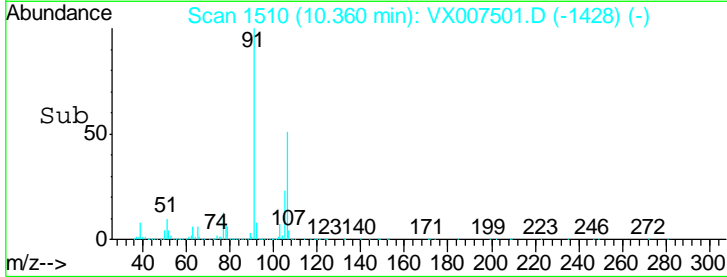
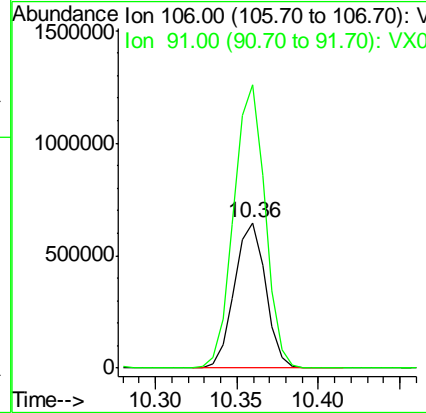
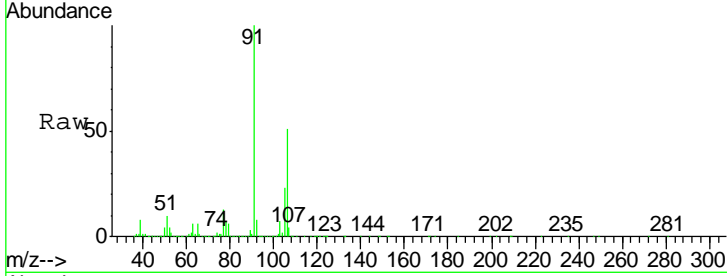




#67  
 m/p-Xylenes  
 Concen: 105.331 ug/l  
 RT: 10.36 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

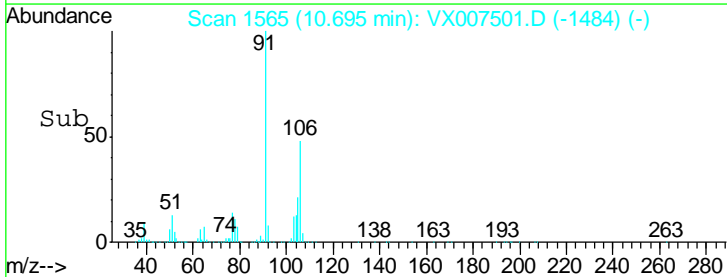
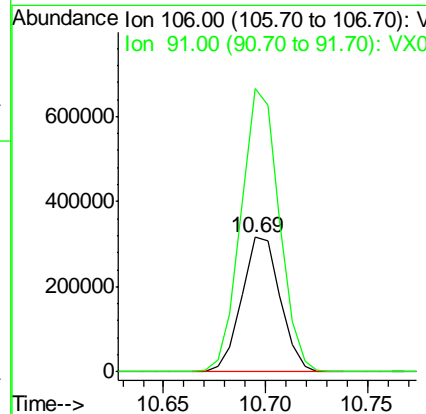
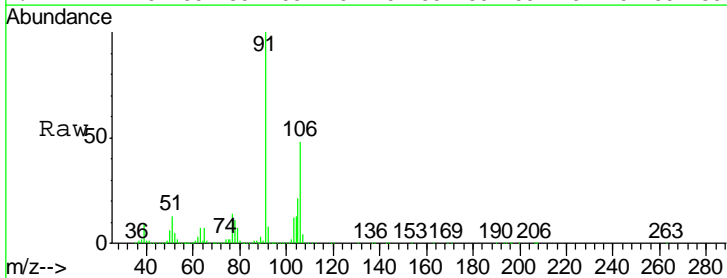
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

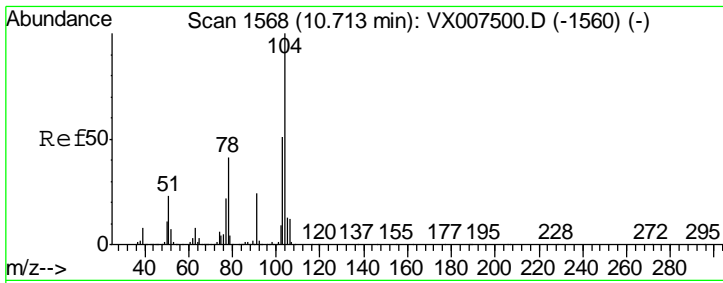
Tgt Ion:106 Resp: 861460  
 Ion Ratio Lower Upper  
 106 100  
 91 195.3 157.0 235.4



#68  
 o-Xylene  
 Concen: 51.957 ug/l  
 RT: 10.69 min Scan# 1565  
 Delta R.T. -0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion:106 Resp: 416406  
 Ion Ratio Lower Upper  
 106 100  
 91 207.6 104.4 313.2

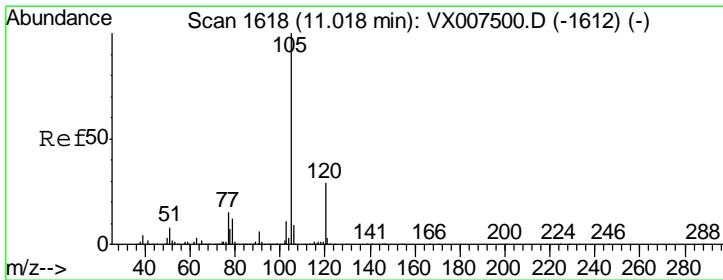
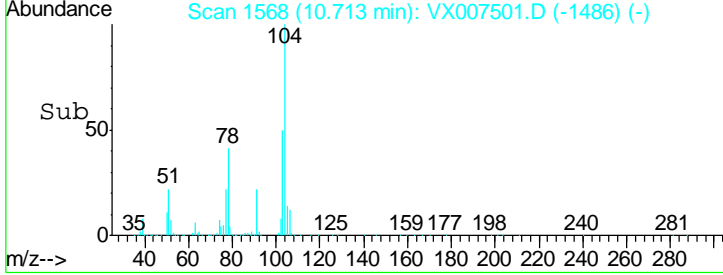
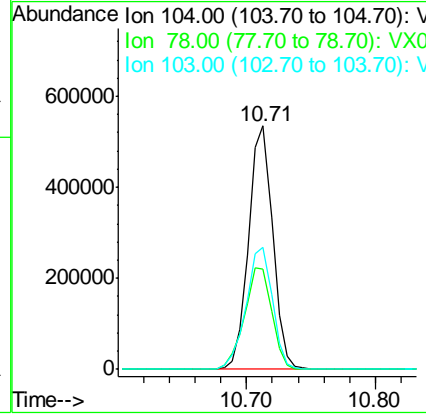
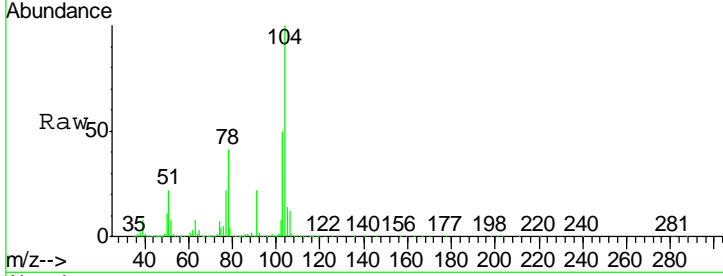




#69  
 Styrene  
 Concen: 53.050 ug/l  
 RT: 10.71 min Scan# 1568  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

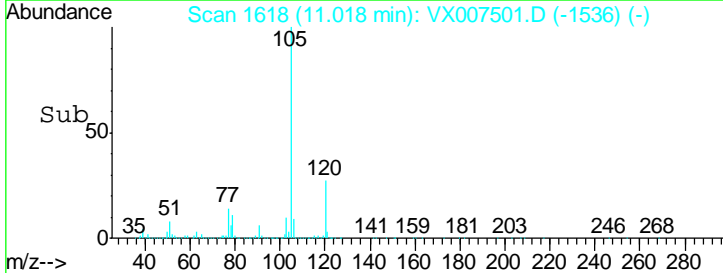
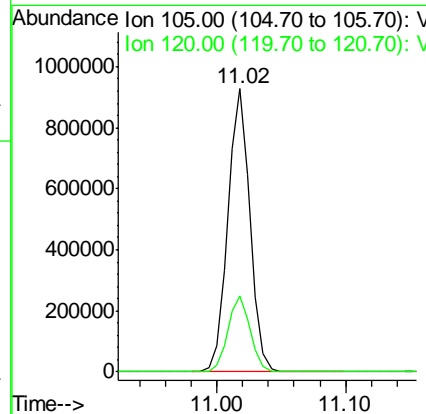
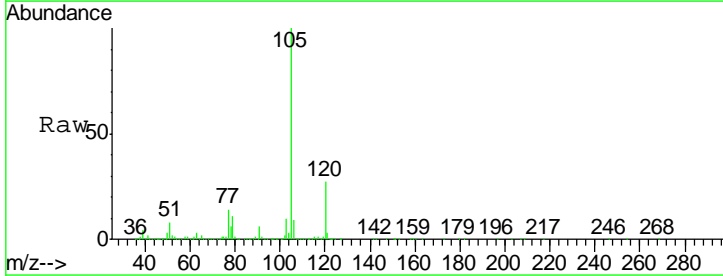
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

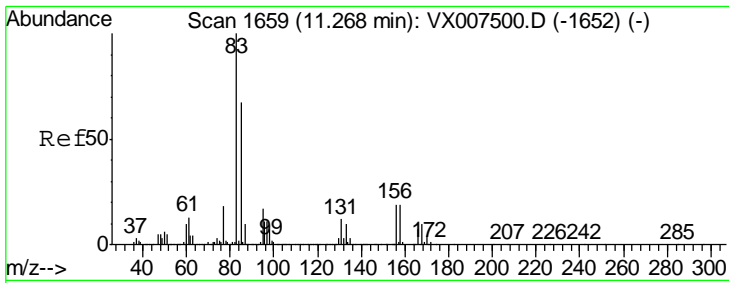
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 104     | 686178 |       |       |
| 78      | 47.8   | 38.2  | 57.2  |
| 103     | 55.2   | 45.0  | 67.4  |



#70  
 Isopropylbenzene  
 Concen: 52.785 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp    | Lower | Upper |
|---------|---------|-------|-------|
| 105     | 1117821 |       |       |
| 120     | 27.2    | 19.8  | 36.8  |

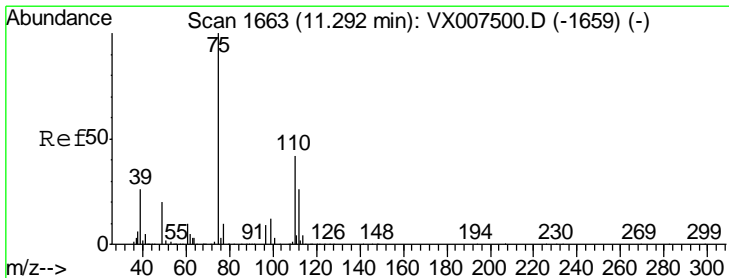
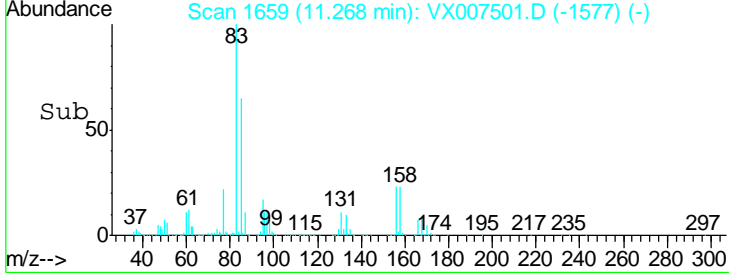
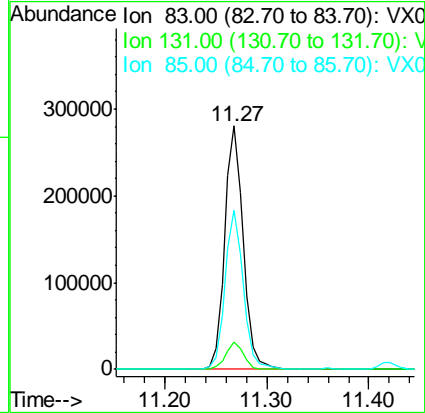
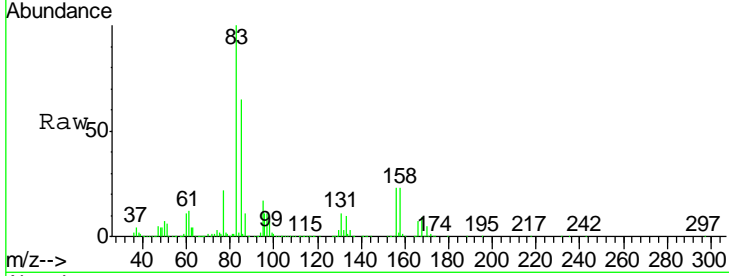




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 51.732 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

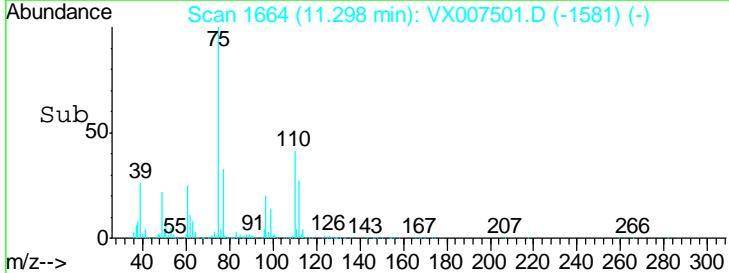
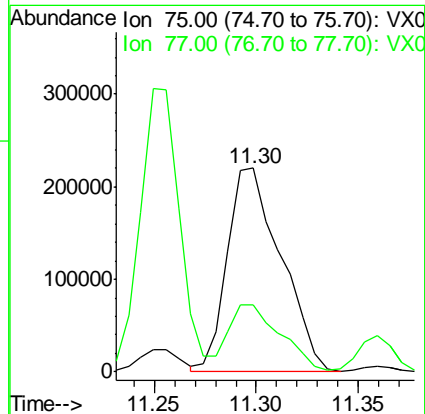
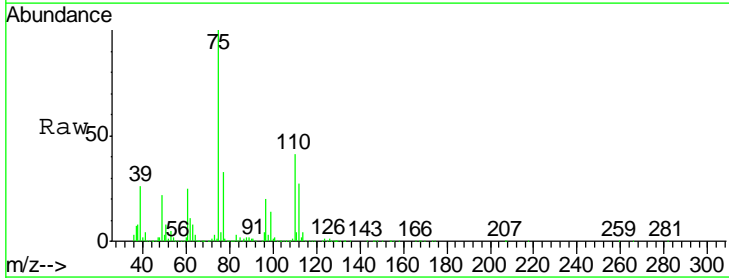
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 83      | 354687 |       |       |
| 131     | 10.9   | 5.4   | 16.2  |
| 85      | 64.4   | 32.8  | 98.4  |

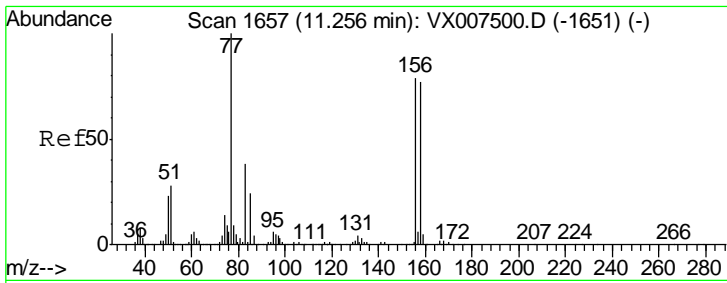


#72  
 1,2,3-Trichloropropane  
 Concen: 63.196 ug/l  
 RT: 11.30 min Scan# 1664  
 Delta R.T. 0.01 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 75      | 403988 |       |       |
| 77      | 32.7   | 0.0   | 76.4  |



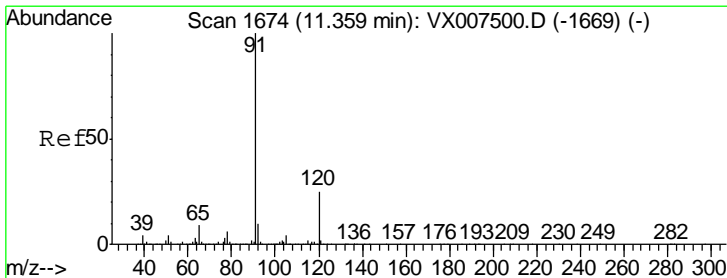
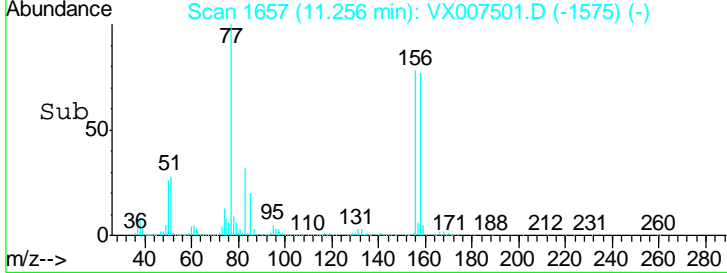
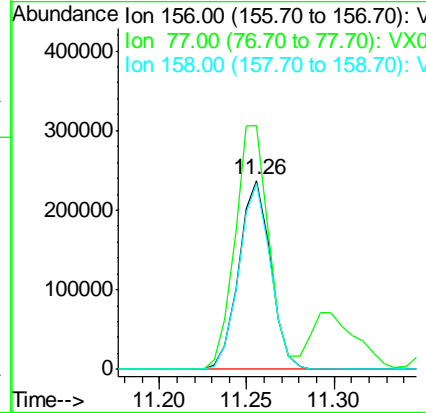
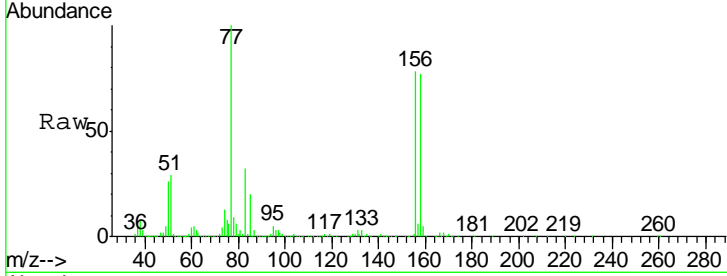




#73  
 Bromobenzene  
 Concen: 51.258 ug/l  
 RT: 11.26 min Scan# 1657  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

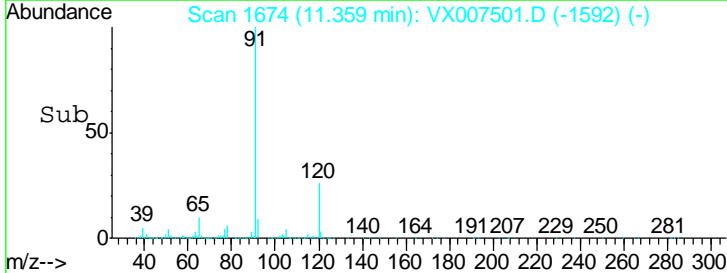
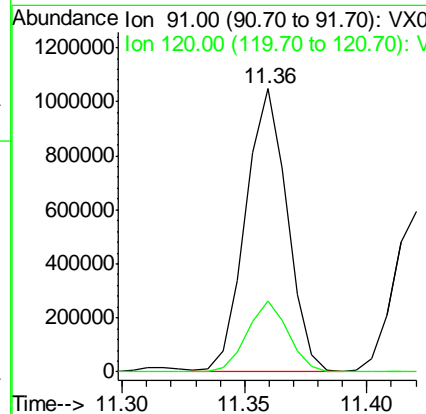
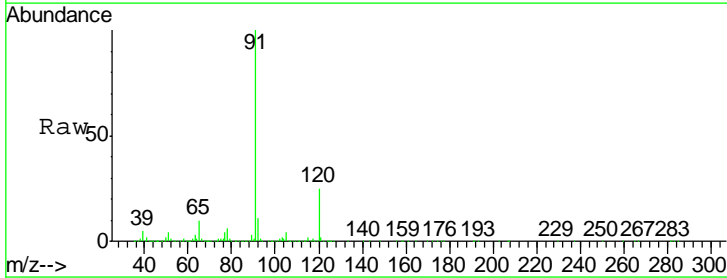
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

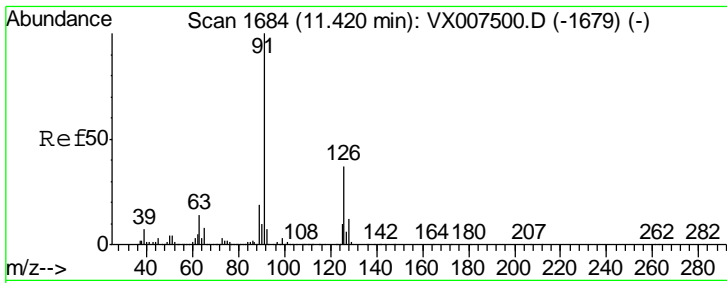
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 156     | 300346 |       |       |
| 77      | 135.5  | 0.0   | 271.4 |
| 158     | 97.8   | 0.0   | 194.0 |



#74  
 n-propylbenzene  
 Concen: 52.398 ug/l  
 RT: 11.36 min Scan# 1674  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp    | Lower | Upper |
|---------|---------|-------|-------|
| 91      | 1244893 |       |       |
| 120     | 24.4    | 0.0   | 48.6  |

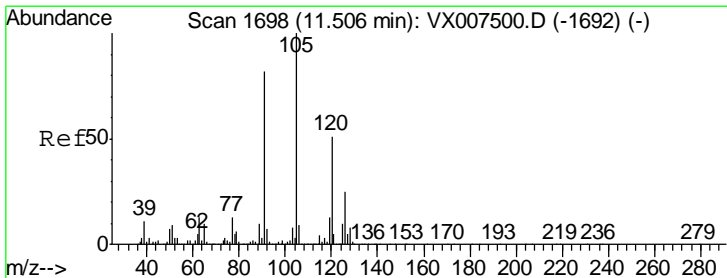
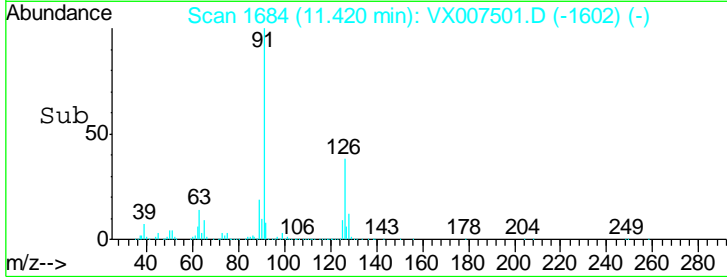
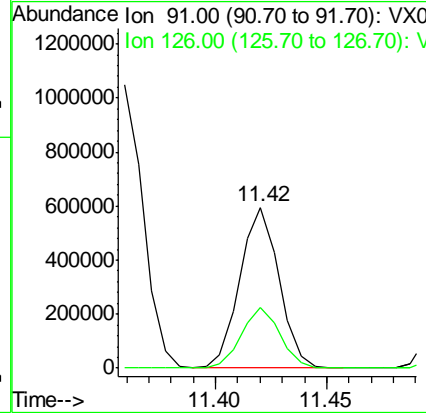
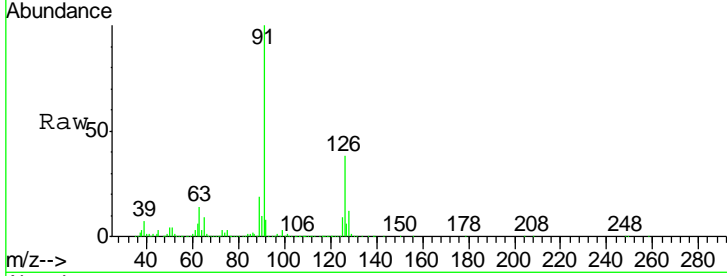




#75  
 2-Chlorotoluene  
 Concen: 51.952 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

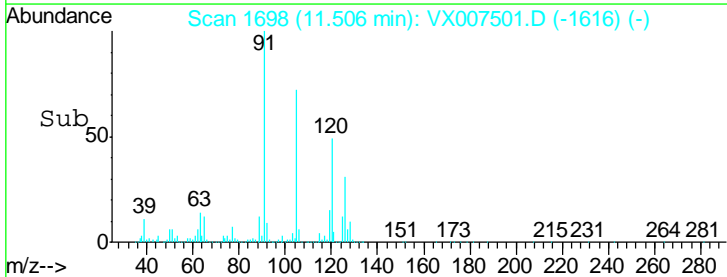
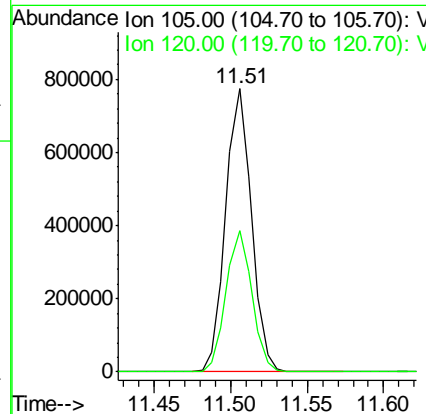
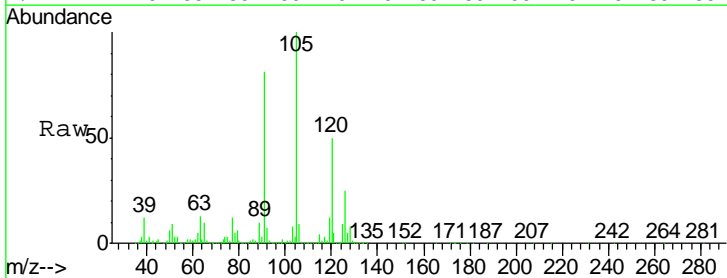
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

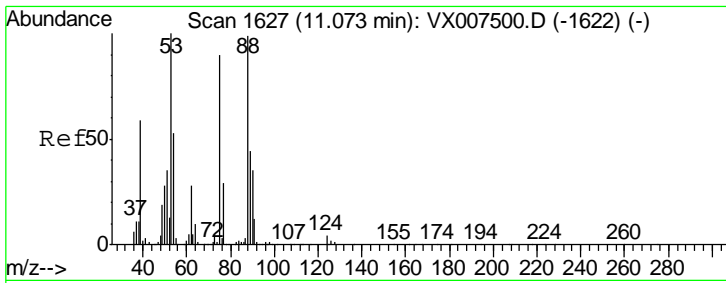
Tgt Ion: 91 Resp: 733044  
 Ion Ratio Lower Upper  
 91 100  
 126 37.0 0.0 75.2



#76  
 1,3,5-Trimethylbenzene  
 Concen: 51.491 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Tgt Ion: 105 Resp: 906218  
 Ion Ratio Lower Upper  
 105 100  
 120 49.8 0.0 101.0

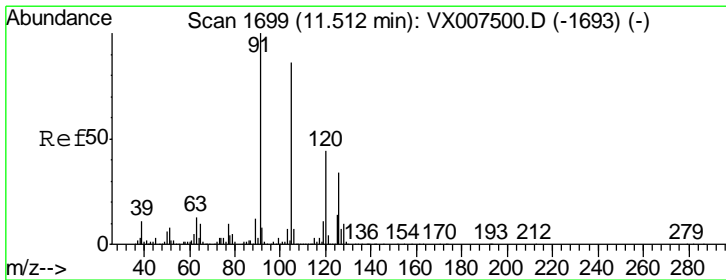
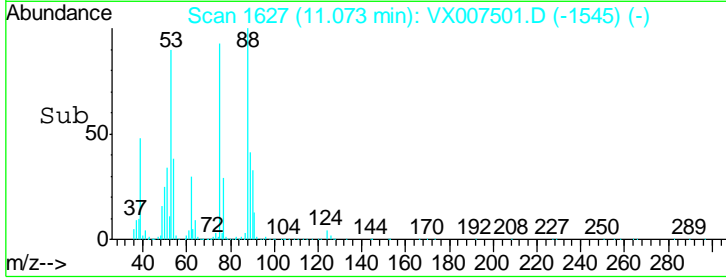
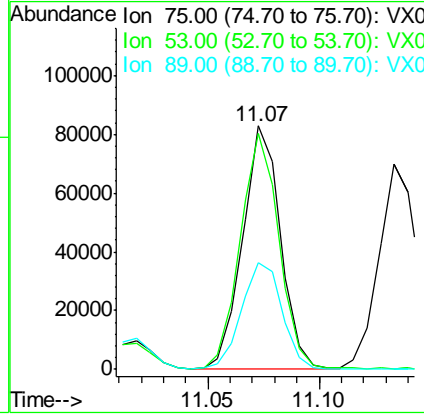
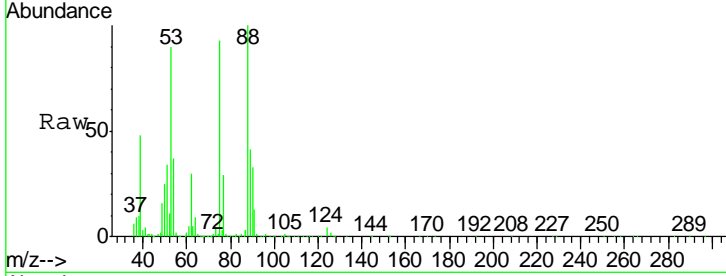




#77  
 t-1,4-Dichloro-2-butene  
 Concen: 52.605 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

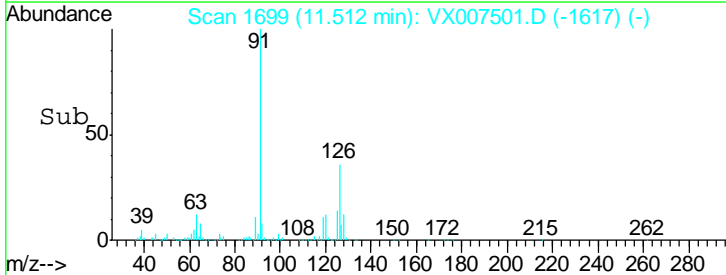
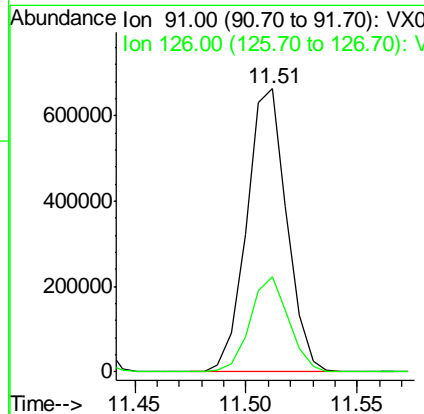
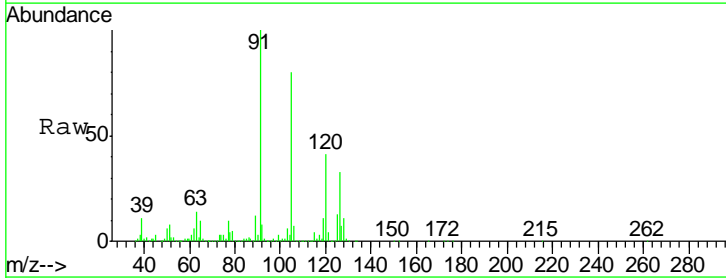
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

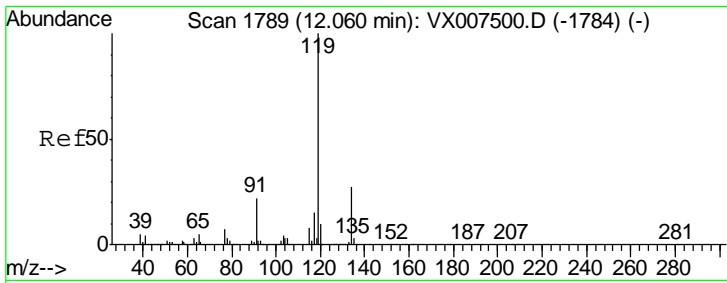
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 98435 |       |       |
| 75      | 100   |       |       |
| 53      | 96.7  | 55.5  | 166.7 |
| 89      | 43.8  | 24.4  | 73.2  |



#78  
 4-Chlorotoluene  
 Concen: 50.913 ug/l  
 RT: 11.51 min Scan# 1699  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 831525 |       |       |
| 91      | 100    |       |       |
| 126     | 32.5   | 0.0   | 66.2  |

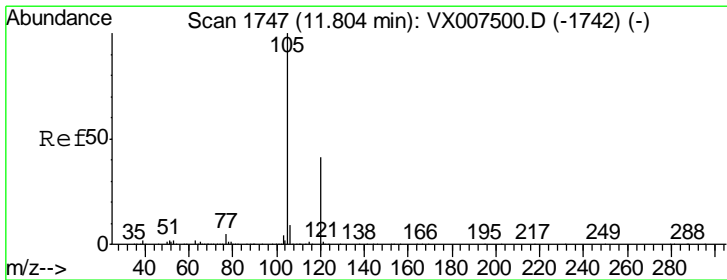
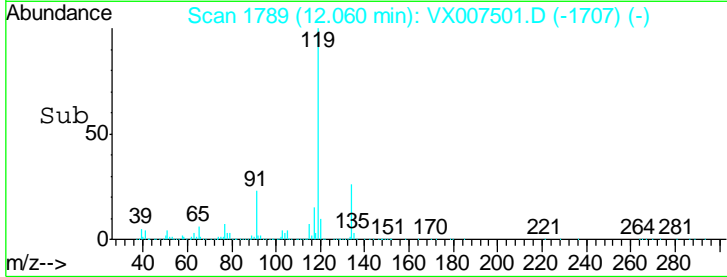
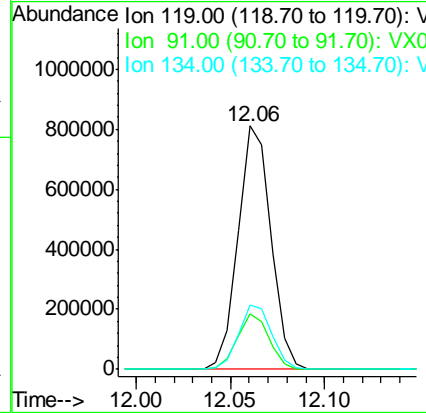
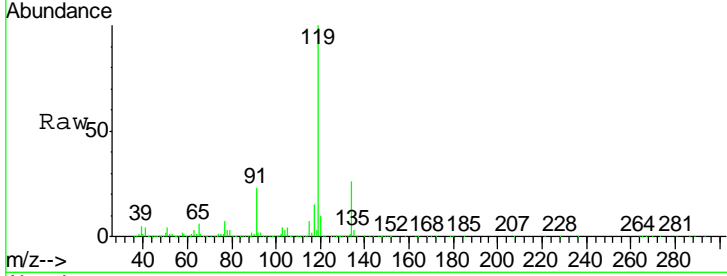




#79  
 tert-butylbenzene  
 Concen: 51.543 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

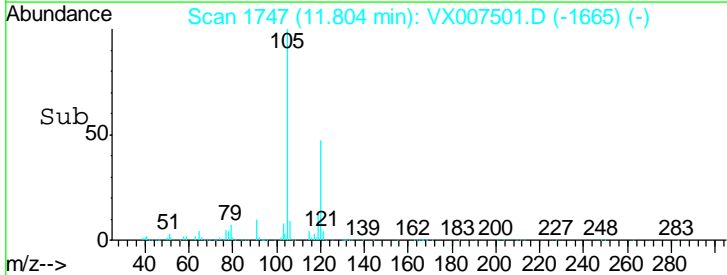
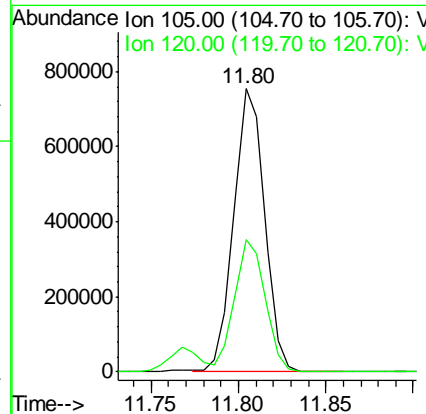
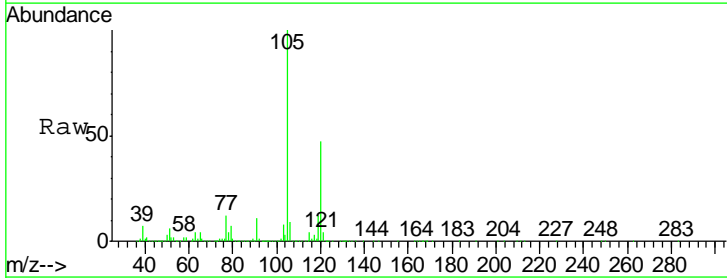
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

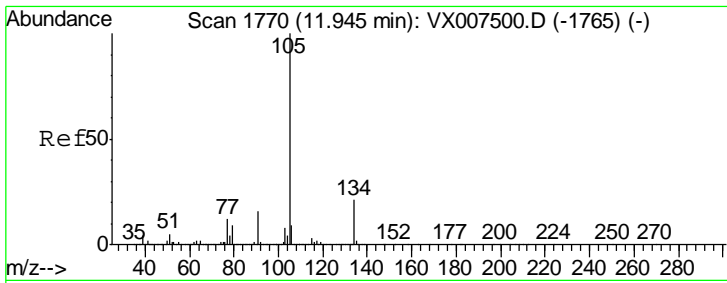
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 119     | 979612 |       |       |
| 91      | 22.2   | 0.0   | 45.0  |
| 134     | 26.7   | 0.0   | 55.4  |



#80  
 1,2,4-Trimethylbenzene  
 Concen: 51.831 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 105     | 923612 |       |       |
| 120     | 46.2   | 0.0   | 94.0  |

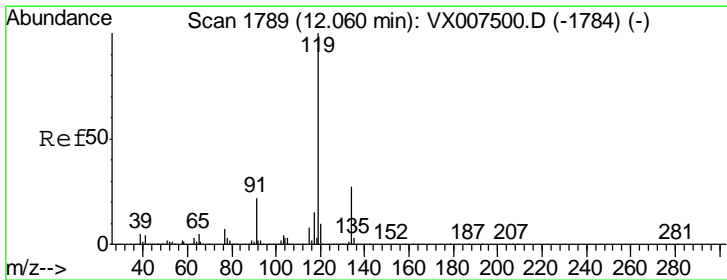
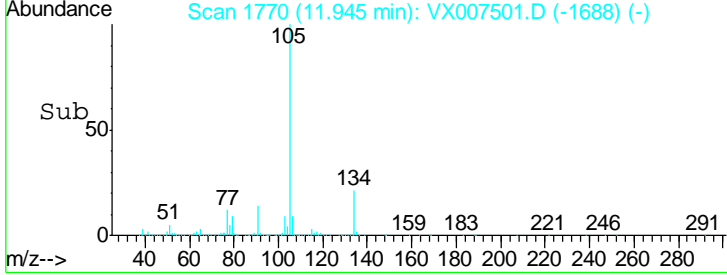
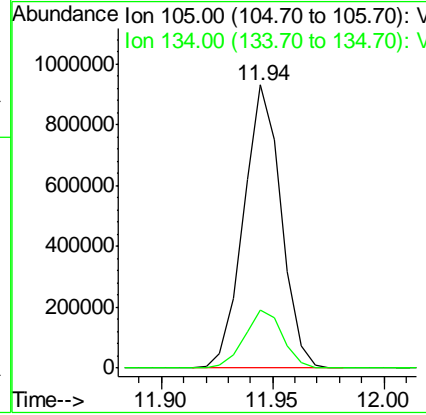
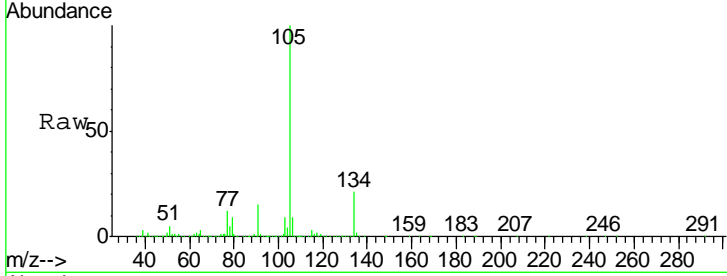




#81  
 sec-Butylbenzene  
 Concen: 51.642 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

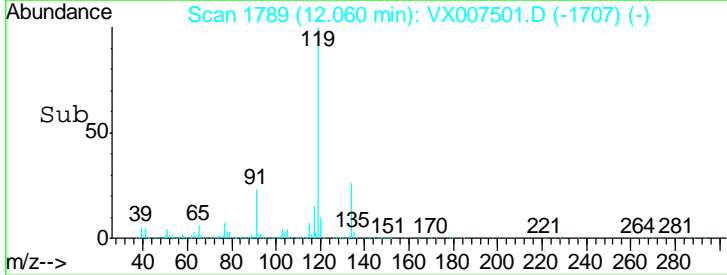
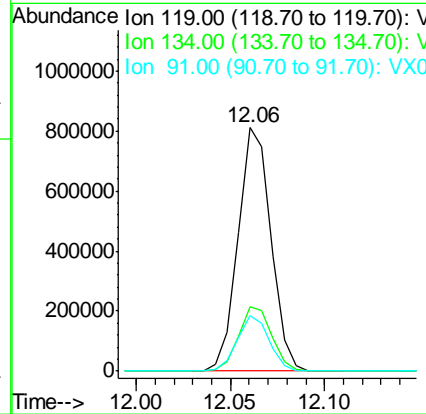
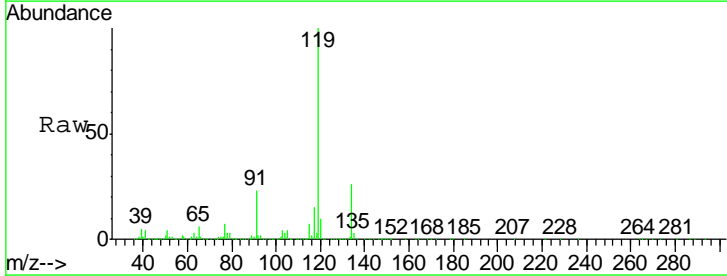
Instrument : MSVOA\_X  
 ClientSampled : VSTDIC050

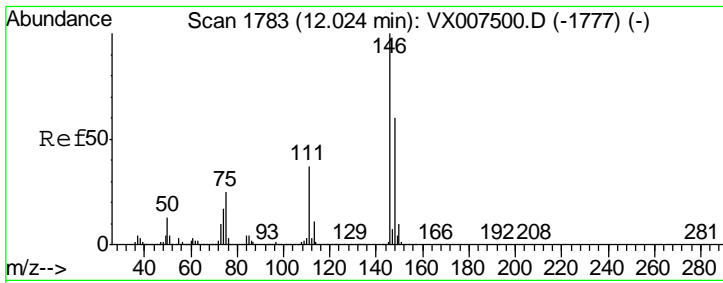
| Tgt Ion | Resp    | Ion Ratio | Lower | Upper |
|---------|---------|-----------|-------|-------|
| 105     | 1092940 | 100       |       |       |
| 134     |         | 21.0      | 0.0   | 41.8  |



#82  
 p-Isopropyltoluene  
 Concen: 51.543 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Ion Ratio | Lower | Upper |
|---------|--------|-----------|-------|-------|
| 119     | 979612 | 100       |       |       |
| 134     |        | 26.7      | 0.0   | 55.4  |
| 91      |        | 22.2      | 0.0   | 45.0  |

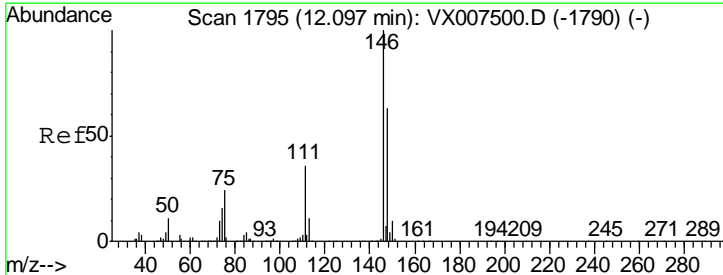
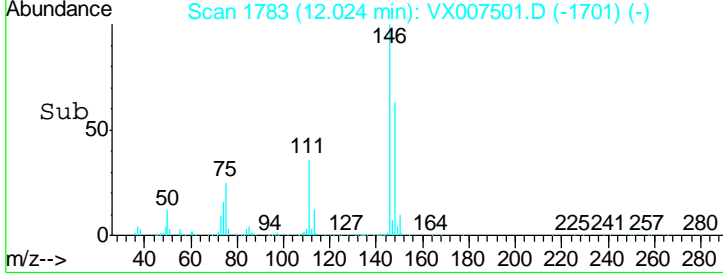
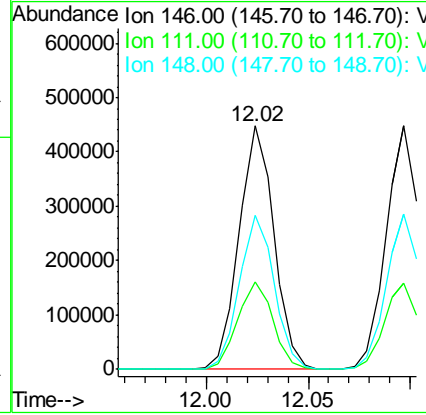
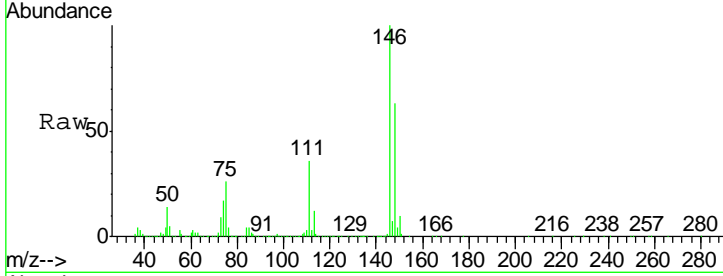




#83  
 1,3-Dichlorobenzene  
 Concen: 50.977 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

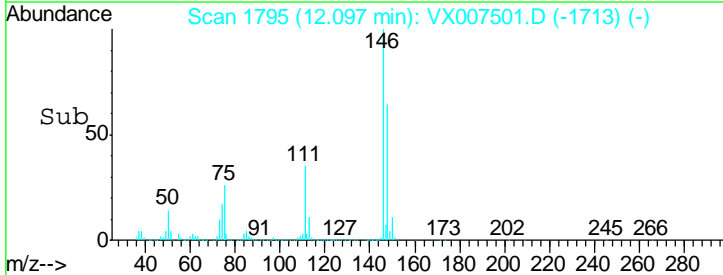
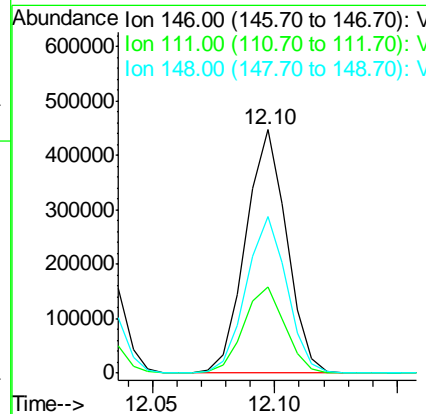
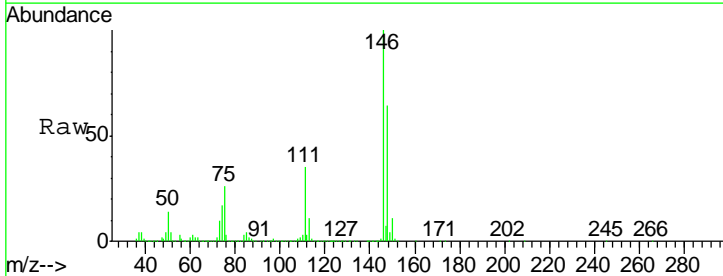
Instrument : MSVOA\_X  
 ClientSampleID : VSTDIC050

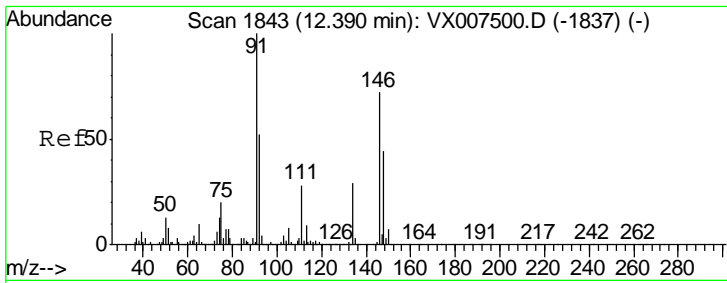
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146     | 100  |       |       |
| 111     | 36.6 | 18.8  | 56.3  |
| 148     | 63.1 | 30.6  | 91.8  |



#84  
 1,4-Dichlorobenzene  
 Concen: 50.110 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146     | 100  |       |       |
| 111     | 35.8 | 17.6  | 52.8  |
| 148     | 64.3 | 31.4  | 94.2  |

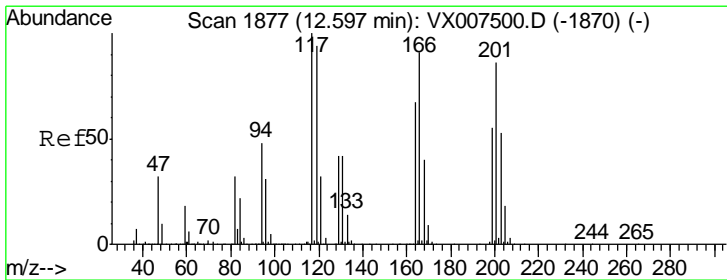
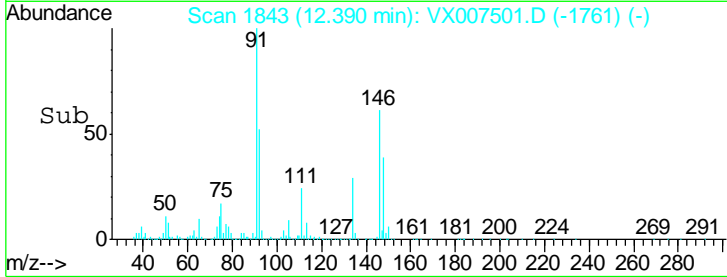
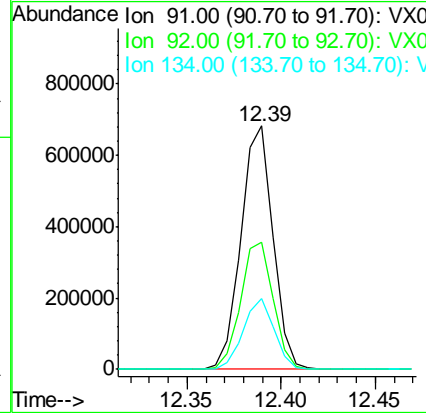
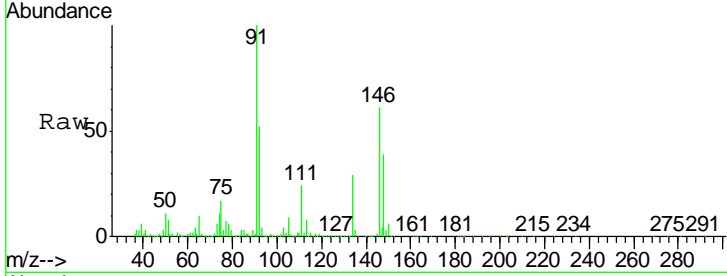




#85  
 n-Butylbenzene  
 Concen: 49.587 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

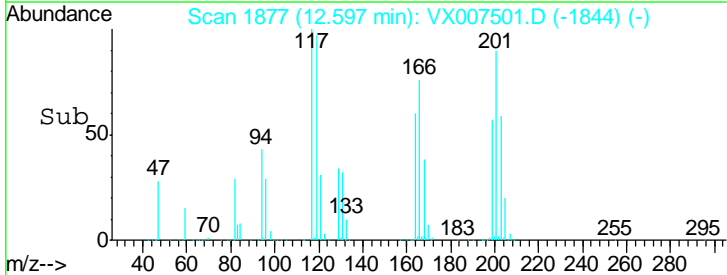
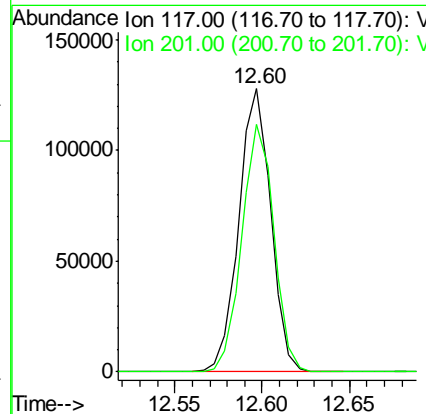
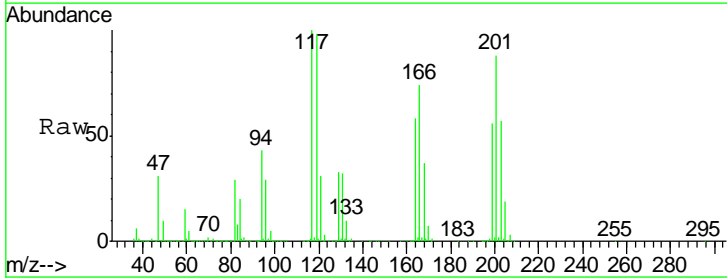
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC050

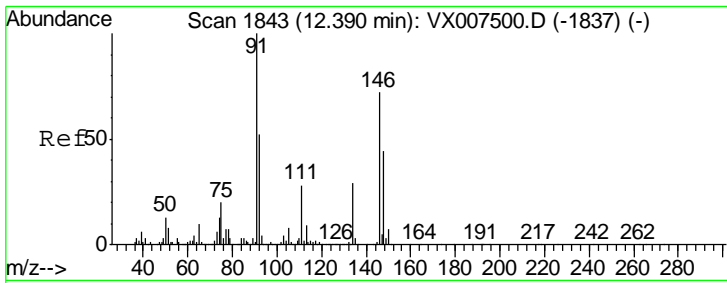
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 92      | 53.0 | 0.0   | 105.2 |
| 134     | 28.2 | 0.0   | 56.4  |



#86  
 Hexachloroethane  
 Concen: 54.000 ug/l  
 RT: 12.60 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 201     | 87.7 | 41.1  | 123.3 |

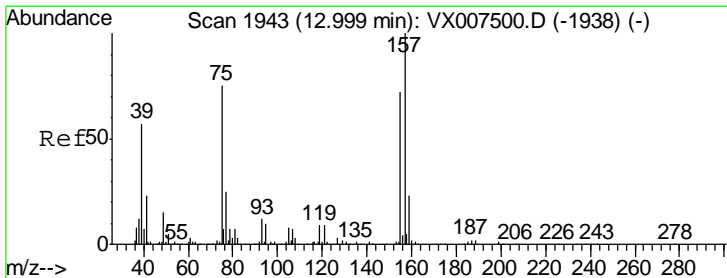
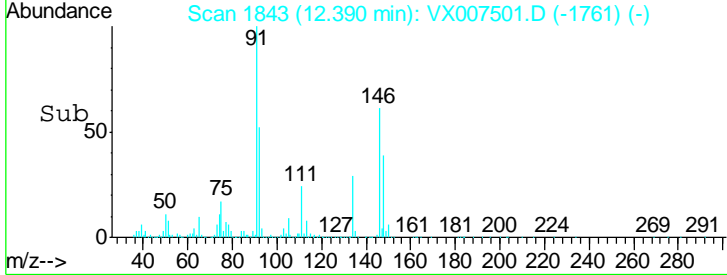
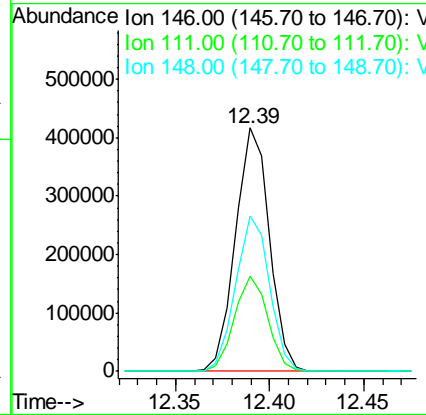
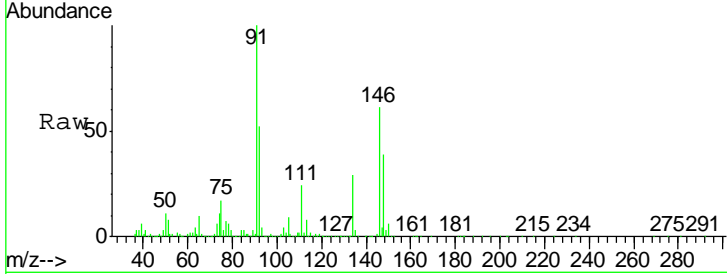




#87  
 1,2-Dichlorobenzene  
 Concen: 50.257 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

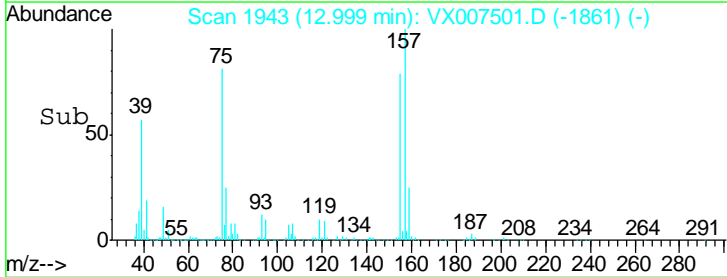
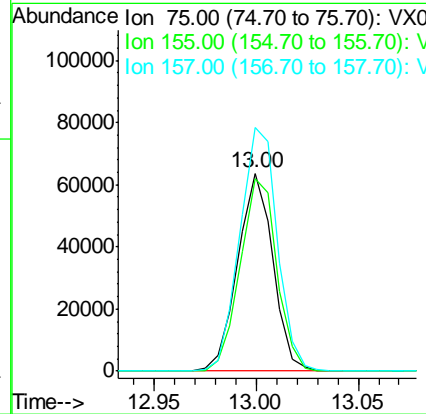
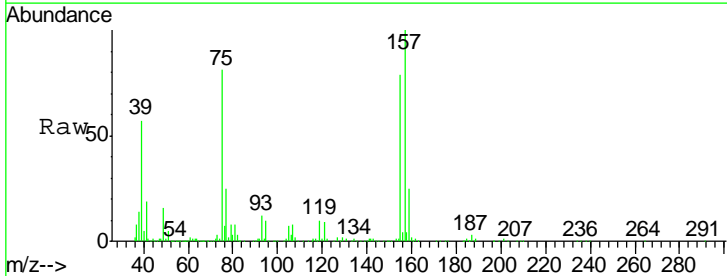
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 146     | 521292 |       |       |
| 111     | 38.4   | 19.3  | 57.8  |
| 148     | 63.6   | 32.1  | 96.3  |

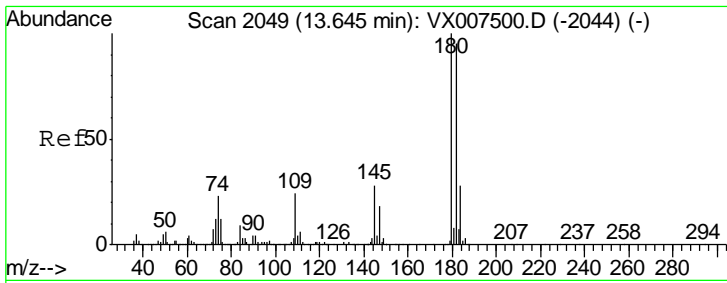


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.194 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 75932 |       |       |
| 155     | 101.6 | 81.0  | 121.6 |
| 157     | 132.1 | 103.2 | 154.8 |



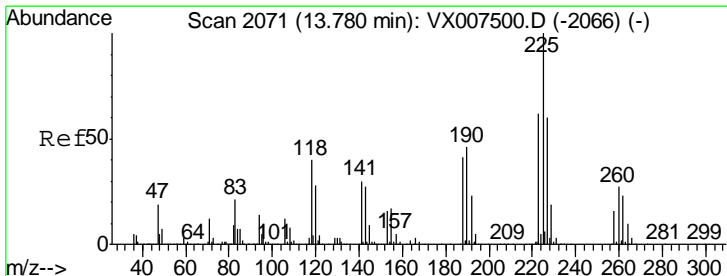
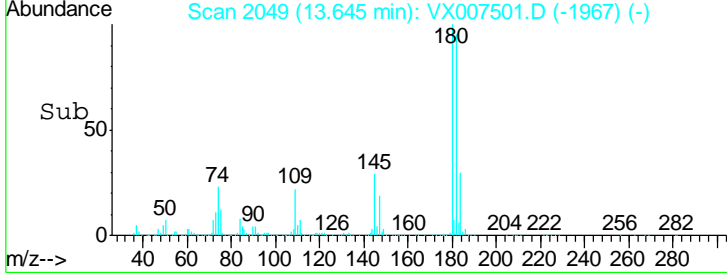
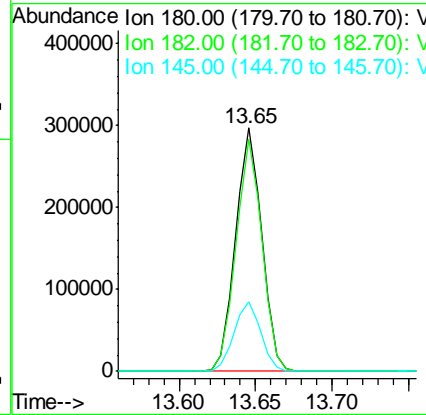
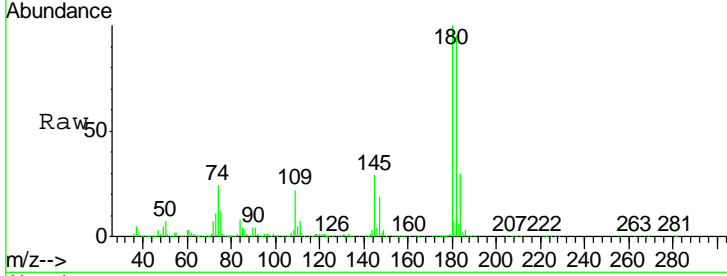




#89  
 1,2,4-Trichlorobenzene  
 Concen: 49.862 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

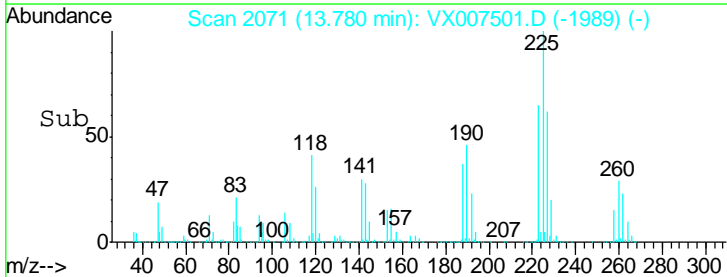
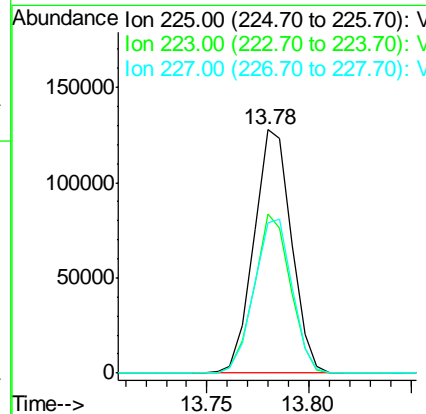
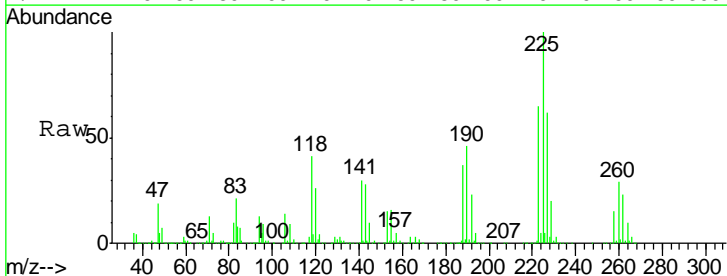
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

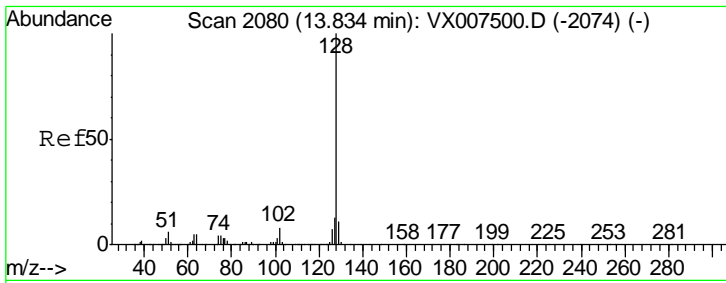
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 180     | 100  |       |       |
| 182     | 94.7 | 75.6  | 113.4 |
| 145     | 29.1 | 23.0  | 34.6  |



#90  
 Hexachlorobutadiene  
 Concen: 48.819 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 225     | 100  |       |       |
| 223     | 63.3 | 0.0   | 123.8 |
| 227     | 64.0 | 0.0   | 124.4 |

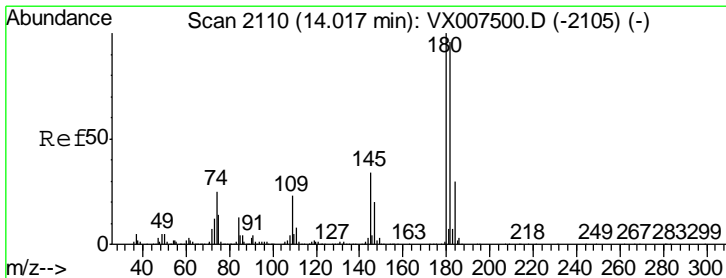
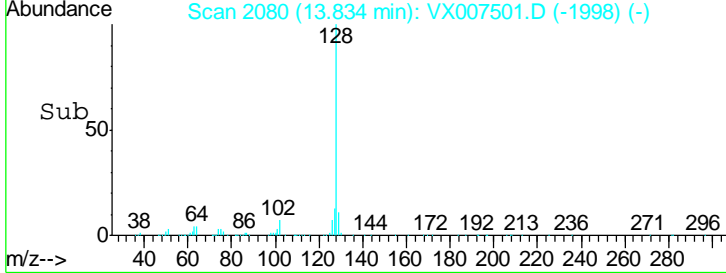
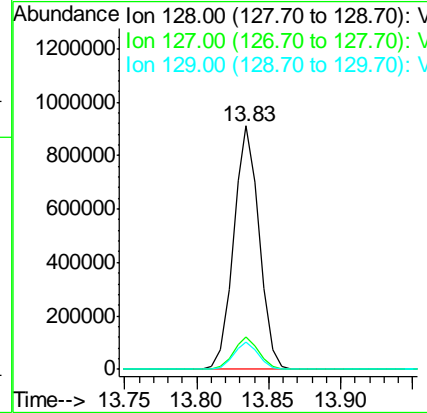
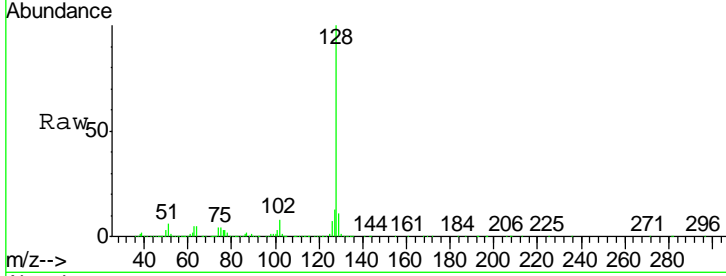




#91  
 Naphthalene  
 Concen: 52.463 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

| Tgt Ion | Resp    | Lower | Upper |
|---------|---------|-------|-------|
| 128     | 1130721 |       |       |
| 127     | 13.0    | 10.5  | 15.7  |
| 129     | 10.9    | 8.9   | 13.3  |



#92  
 1,2,3-Trichlorobenzene  
 Concen: 50.582 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. 0.00 min  
 Lab File: VX007501.D  
 Acq: 12 Feb 2019 23:29

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 180     | 353986 |       |       |
| 182     | 95.3   | 0.0   | 193.0 |
| 145     | 30.3   | 0.0   | 63.0  |

