

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\  
 Data File : VX010989.D  
 Acq On : 19 Jul 2019 03:48  
 Operator : JC/SP  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 19 04:13:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 19 03:27:28 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.02  | 128  | 38187    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.86  | 114  | 207848   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 189041   | 30.00 | ug/l  | 0.00     |

System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.06   | 65    | 74972    | 28.96    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 96.53%  |
| 60) 4-Bromofluorobenzene  | 11.13  | 95    | 89891    | 28.89    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 96.30%  |
| 63) Toluene-d8            | 8.71   | 98    | 254579   | 30.64    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 102.13% |

Target Compounds

|                               |      |     |        |         | Ovalue    |
|-------------------------------|------|-----|--------|---------|-----------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 51314  | 20.325  | ug/l 96   |
| 3) Chloromethane              | 1.33 | 50  | 43822  | 19.739  | ug/l 99   |
| 4) Vinyl Chloride             | 1.41 | 62  | 47853  | 20.670  | ug/l 97   |
| 5) Bromomethane               | 1.64 | 94  | 20126  | 15.792  | ug/l 95   |
| 6) Chloroethane               | 1.73 | 64  | 31550  | 23.035  | ug/l 91   |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 77303  | 20.105  | ug/l 94   |
| 8) Diethyl Ether              | 2.19 | 74  | 25117  | 19.892  | ug/l 99   |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 42088  | 19.805  | ug/l 98   |
| 10) 1,1-Dichloroethene        | 2.37 | 96  | 41612  | 19.484  | ug/l 98   |
| 11) Methyl Iodide             | 2.51 | 142 | 29974  | 10.451  | ug/l 95   |
| 12) Methyl Acetate            | 2.78 | 43  | 91993  | 30.669  | ug/l 99   |
| 13) Acrolein                  | 2.29 | 56  | 22707  | 63.137  | ug/l 96   |
| 14) Acrylonitrile             | 3.14 | 53  | 119628 | 101.901 | ug/l 100  |
| 15) Acetone                   | 2.44 | 58  | 33688  | 103.051 | ug/l 98   |
| 16) Carbon Disulfide          | 2.57 | 76  | 109792 | 20.007  | ug/l 99   |
| 17) Allyl chloride            | 2.73 | 41  | 59946  | 19.389  | ug/l 99   |
| 18) Methylene Chloride        | 2.85 | 84  | 47936  | 20.158  | ug/l 95   |
| 19) trans-1,2-Dichloroethene  | 3.17 | 96  | 44524  | 19.735  | ug/l 99   |
| 20) Diisopropyl ether         | 3.85 | 45  | 127812 | 19.582  | ug/l 93   |
| 21) 1,1-Dichloroethane        | 3.70 | 63  | 74573  | 19.854  | ug/l 99   |
| 22) cis-1,2-Dichloroethene    | 4.60 | 96  | 51225  | 19.742  | ug/l 98   |
| 23) tert-Butyl Alcohol        | 3.04 | 59  | 61002  | 99.523  | ug/l 100  |
| 24) Methyl tert-Butyl Ether   | 3.20 | 73  | 135110 | 19.707  | ug/l 100  |
| 25) Chloroform                | 5.21 | 83  | 79637  | 19.358  | ug/l 100  |
| 26) Cyclohexane               | 5.58 | 56  | 67193  | 19.549  | ug/l # 96 |
| 29) 1,1-Dichloropropene       | 5.80 | 75  | 58134  | 19.889  | ug/l 100  |
| 30) 2-Butanone                | 4.67 | 43  | 160360 | 101.636 | ug/l 100  |
| 31) 2,2-Dichloropropane       | 4.59 | 77  | 41977  | 16.452  | ug/l 98   |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 67809  | 19.237  | ug/l 99   |
| 33) Carbon Tetrachloride      | 5.78 | 117 | 59076  | 19.276  | ug/l 95   |
| 34) Benzene                   | 6.14 | 78  | 179810 | 20.507  | ug/l 99   |
| 35) Methacrylonitrile         | 5.04 | 41  | 33048  | 20.120  | ug/l 98   |
| 36) 1,2-Dichloroethane        | 6.20 | 62  | 62363  | 19.892  | ug/l # 88 |
| 37) Trichloroethene           | 7.21 | 130 | 52851  | 20.589  | ug/l 96   |
| 38) Methylcyclohexane         | 7.46 | 83  | 71845  | 19.476  | ug/l 100  |
| 39) 1,2-Dichloropropane       | 7.51 | 63  | 45678  | 20.842  | ug/l 95   |
| 40) Dibromomethane            | 7.66 | 93  | 32530  | 20.181  | ug/l 99   |

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 ALS Vial : 46 Sample Multiplier: 1

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 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 19 04:13:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 19 03:27:28 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Bromodichloromethane       | 7.90  | 83   | 56892    | 19.391  | ug/l  | 100      |
| 42) Vinyl Acetate              | 3.81  | 43   | 419061   | 80.615  | ug/l  | 99       |
| 43) Ethyl Acetate              | 4.84  | 43   | 55276    | 18.251  | ug/l  | 98       |
| 44) Isopropyl Acetate          | 6.45  | 43   | 87044    | 17.645  | ug/l  | 98       |
| 45) 1,4-Dioxane                | 7.74  | 88   | 26095    | 406.419 | ug/l  | 97       |
| 46) Methyl methacrylate        | 7.77  | 41   | 47181    | 19.705  | ug/l  | 99       |
| 47) n-amyl Acetate             | 10.90 | 43   | 70050    | 15.833  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene      | 9.04  | 75   | 55438    | 17.929  | ug/l  | 97       |
| 49) cis-1,3-Dichloropropene    | 8.43  | 75   | 64298    | 19.055  | ug/l  | 99       |
| 50) 1,1,2-Trichloroethane      | 9.21  | 97   | 47896    | 20.303  | ug/l  | 99       |
| 51) Ethyl methacrylate         | 9.18  | 69   | 71556    | 19.613  | ug/l  | 97       |
| 52) 1,3-Dichloropropane        | 9.37  | 76   | 76254    | 20.115  | ug/l  | 98       |
| 53) Dibromochloromethane       | 9.58  | 129  | 47755    | 18.744  | ug/l  | 97       |
| 54) 1,2-Dibromoethane          | 9.67  | 107  | 51609    | 20.131  | ug/l  | 96       |
| 55) 2-Chloroethyl vinyl ether  | 8.31  | 63   | 148079   | 95.842  | ug/l  | 99       |
| 56) Bromoform                  | 10.85 | 173  | 33421    | 17.613  | ug/l  | 100      |
| 58) 4-Methyl-2-Pentanone       | 8.64  | 43   | 321593   | 100.732 | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 249000   | 101.924 | ug/l  | 99       |
| 61) Tetrachloroethene          | 9.34  | 164  | 51766    | 20.740  | ug/l  | 95       |
| 62) Toluene                    | 8.78  | 91   | 203446   | 20.258  | ug/l  | 99       |
| 64) Chlorobenzene              | 10.14 | 112  | 130128   | 20.224  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 44838    | 19.174  | ug/l  | 97       |
| 66) Ethyl Benzene              | 10.25 | 91   | 225053   | 19.907  | ug/l  | 97       |
| 67) m/p-Xylenes                | 10.36 | 106  | 172026   | 39.771  | ug/l  | 99       |
| 68) o-Xylene                   | 10.69 | 106  | 83822    | 19.778  | ug/l  | 99       |
| 69) Styrene                    | 10.71 | 104  | 141457   | 19.856  | ug/l  | 99       |
| 70) Isopropylbenzene           | 11.02 | 105  | 224352   | 19.879  | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 74385    | 20.441  | ug/l  | 100      |
| 72) 1,2,3-Trichloropropane     | 11.29 | 75   | 71389    | 23.503  | ug/l  | 86       |
| 73) Bromobenzene               | 11.26 | 156  | 60687    | 19.930  | ug/l  | 98       |
| 74) n-propylbenzene            | 11.36 | 91   | 249032   | 19.606  | ug/l  | 100      |
| 75) 2-Chlorotoluene            | 11.42 | 91   | 149863   | 19.810  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 187107   | 19.587  | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene    | 11.07 | 75   | 12594    | 12.566  | ug/l  | 97       |
| 78) 4-Chlorotoluene            | 11.51 | 91   | 170742   | 19.652  | ug/l  | 99       |
| 79) tert-butylbenzene          | 11.77 | 119  | 182470   | 19.693  | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 188575   | 19.603  | ug/l  | 100      |
| 81) sec-Butylbenzene           | 11.94 | 105  | 215645   | 19.744  | ug/l  | 99       |
| 82) p-Isopropyltoluene         | 12.06 | 119  | 199360   | 19.670  | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene        | 12.02 | 146  | 105424   | 19.612  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene        | 12.10 | 146  | 104706   | 19.597  | ug/l  | 99       |
| 85) n-Butylbenzene             | 12.38 | 91   | 164933   | 19.110  | ug/l  | 99       |
| 86) Hexachloroethane           | 12.60 | 117  | 25956    | 16.238  | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene        | 12.39 | 146  | 104961   | 19.943  | ug/l  | 98       |
| 88) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 14307    | 17.858  | ug/l  | 99       |
| 89) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 70675    | 19.469  | ug/l  | 97       |
| 90) Hexachlorobutadiene        | 13.78 | 225  | 33182    | 18.905  | ug/l  | 98       |
| 91) Naphthalene                | 13.83 | 128  | 220187   | 19.879  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene     | 14.02 | 180  | 71761    | 19.723  | ug/l  | 100      |

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Sample : VSTDCCC020  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jul 19 04:13:01 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Jul 19 03:27:28 2019  
Response via : Initial Calibration

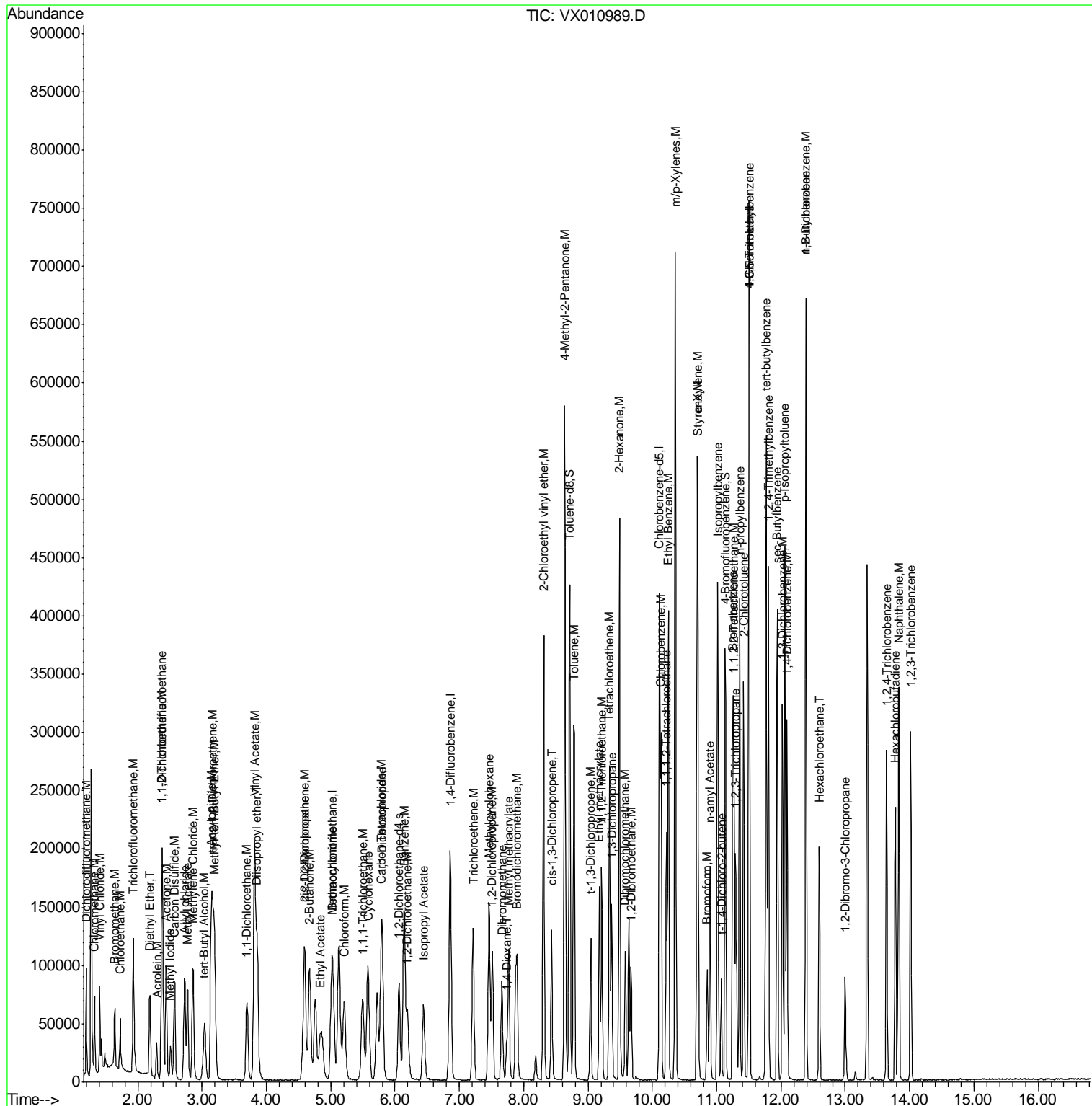
| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

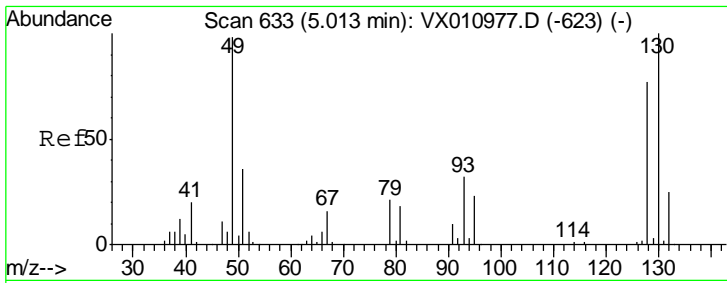
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 MSVOA\_X  
 Client Sampled :

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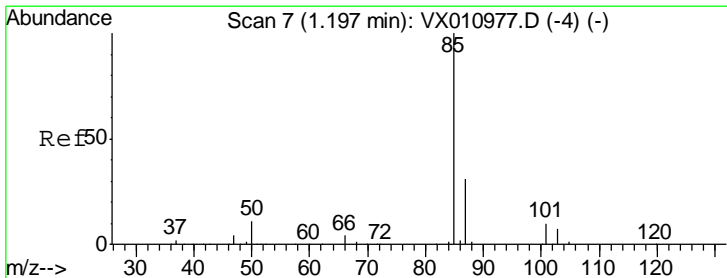
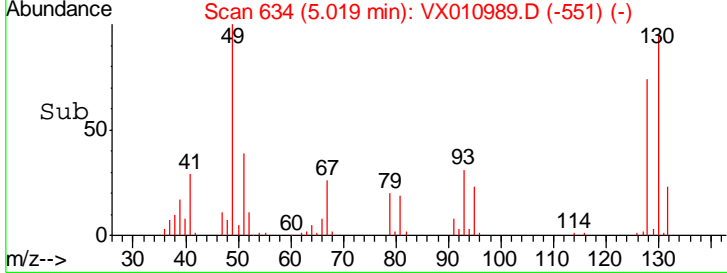
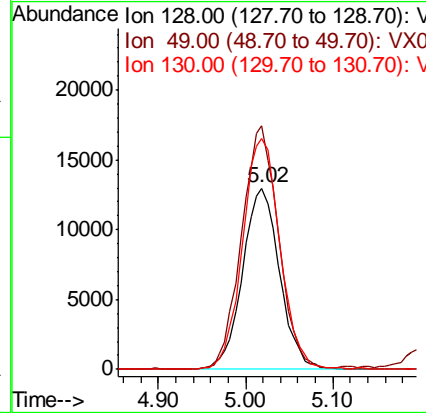
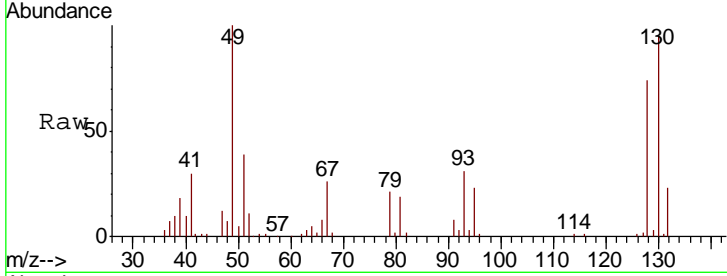




#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. 0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

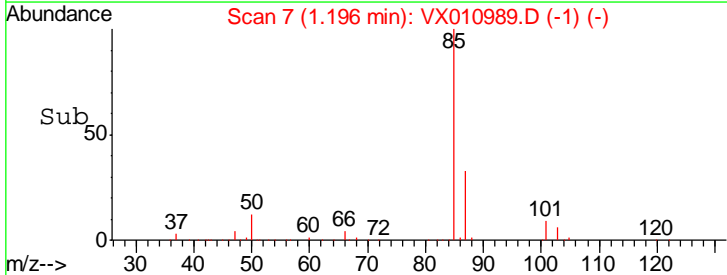
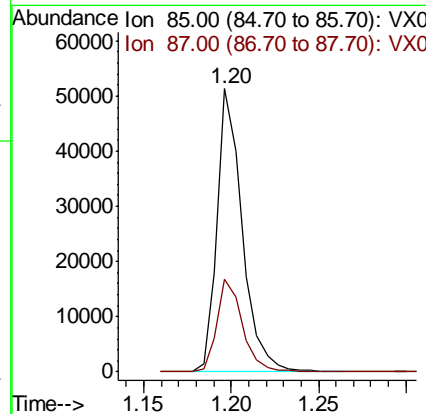
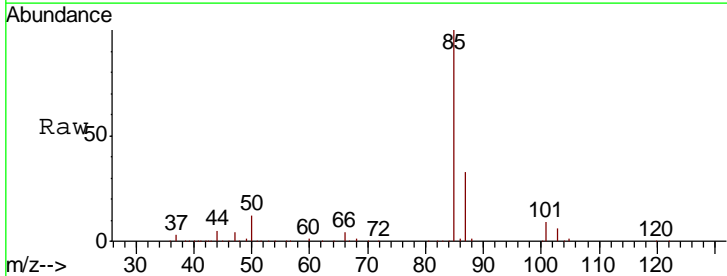
Instrument :  
 MSVOA\_X  
 ClientSampled :

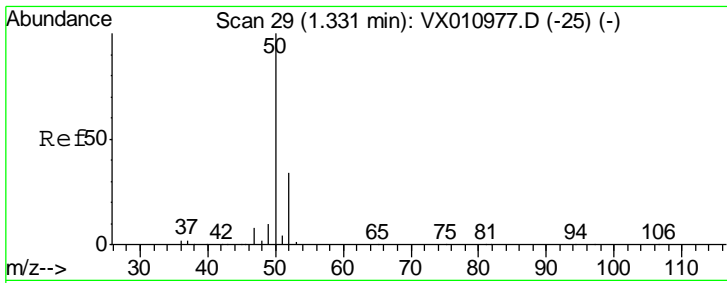
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 38187 |       |       |
| 49      | 134.2 | 0.0   | 343.5 |
| 130     | 128.5 | 0.0   | 324.7 |



#2  
 Dichlorodifluoromethane  
 Concen: 20.325 ug/l  
 RT: 1.20 min Scan# 7  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 51314 |       |       |
| 87      | 32.8  | 15.4  | 46.1  |

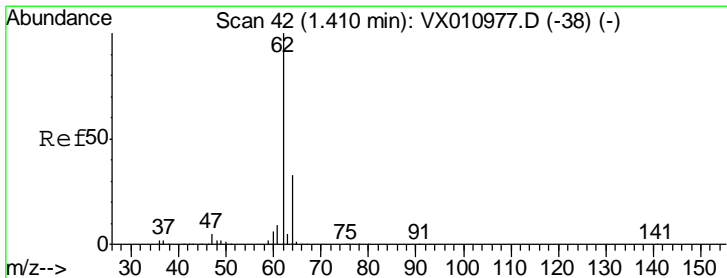
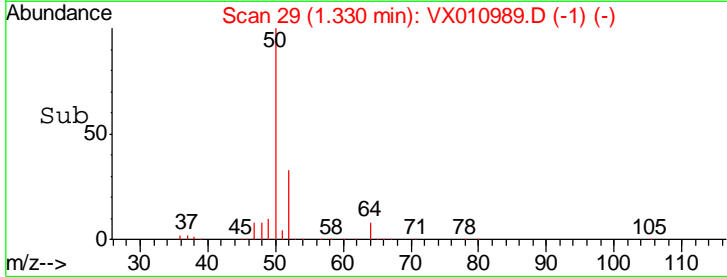
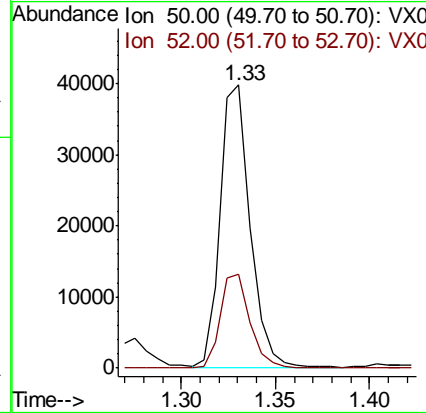
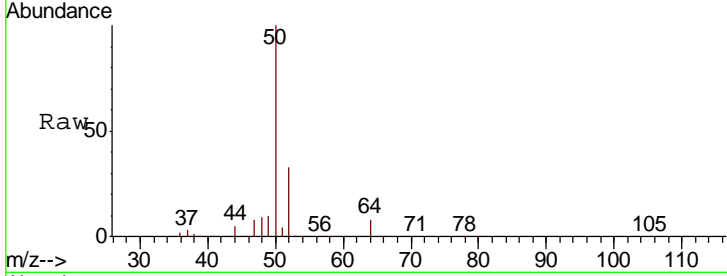




#3  
 Chloromethane  
 Concen: 19.739 ug/l  
 RT: 1.33 min Scan# 29  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

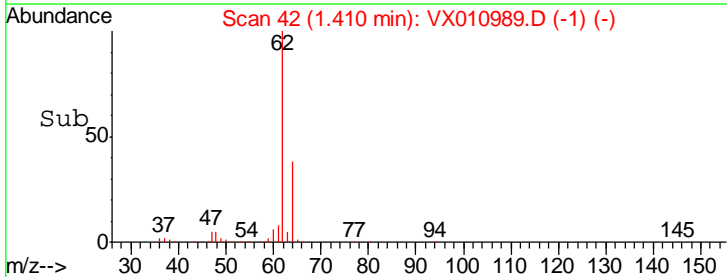
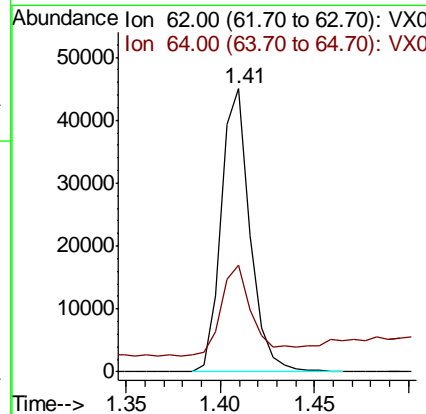
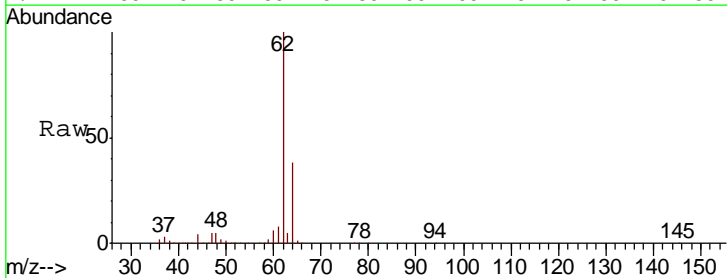
Instrument :  
 MSVOA\_X  
 ClientSampled :

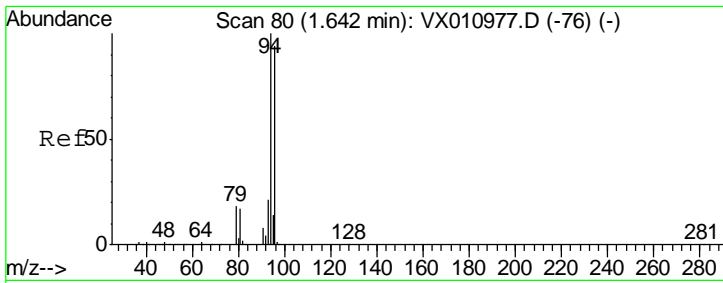
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 43822 |       |       |
| 52      | 33.3  | 27.3  | 40.9  |



#4  
 Vinyl Chloride  
 Concen: 20.670 ug/l  
 RT: 1.41 min Scan# 42  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 47853 |       |       |
| 64      | 31.6  | 26.8  | 40.2  |

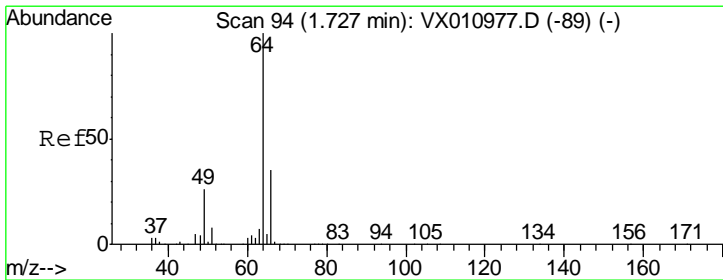
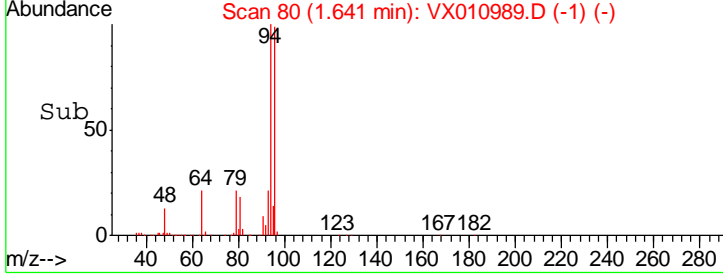
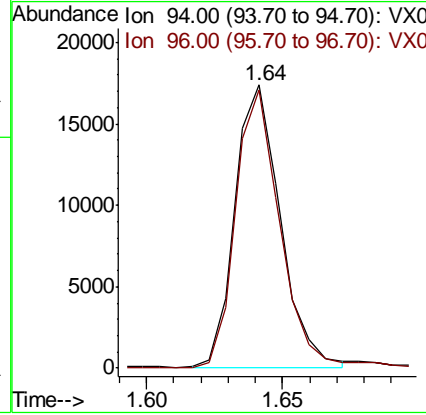
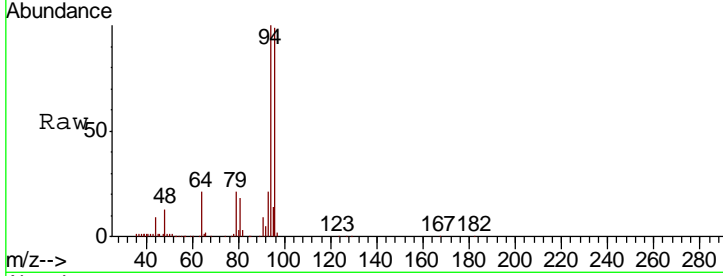




#5  
 Bromomethane  
 Concen: 15.792 ug/l  
 RT: 1.64 min Scan# 80  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

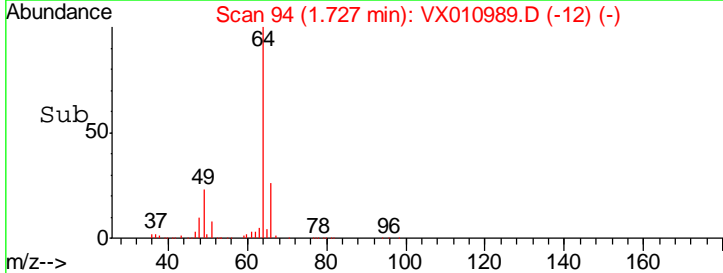
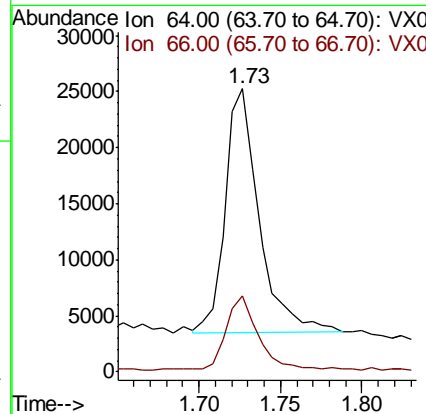
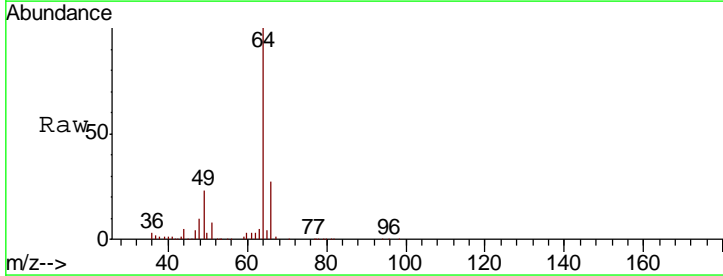
Instrument :  
 MSVOA\_X  
 ClientSampled :

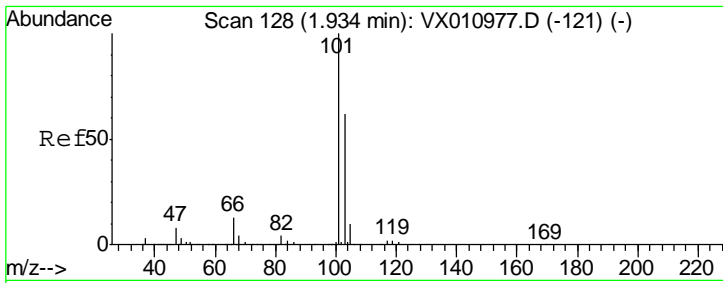
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 94      | 100  |       |       |
| 96      | 98.8 | 75.4  | 113.2 |



#6  
 Chloroethane  
 Concen: 23.035 ug/l  
 RT: 1.73 min Scan# 94  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 64      | 100  |       |       |
| 66      | 30.1 | 28.1  | 42.1  |

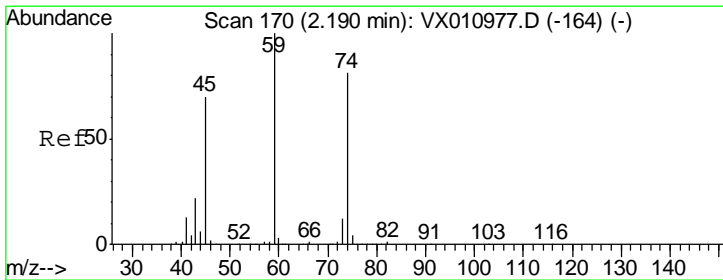
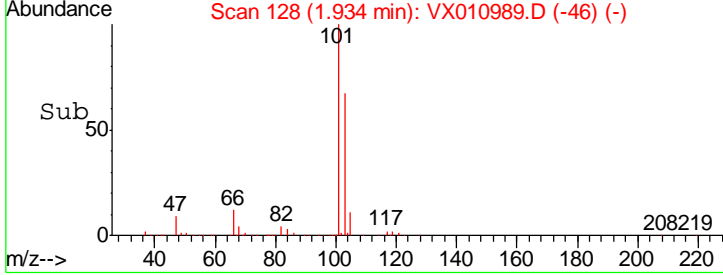
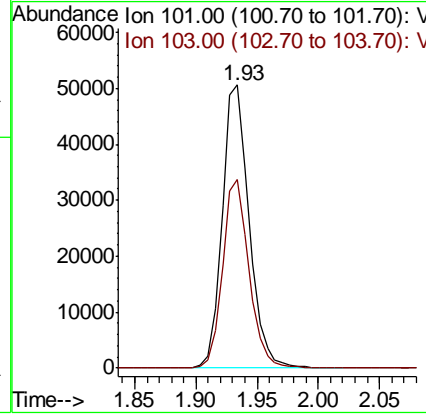
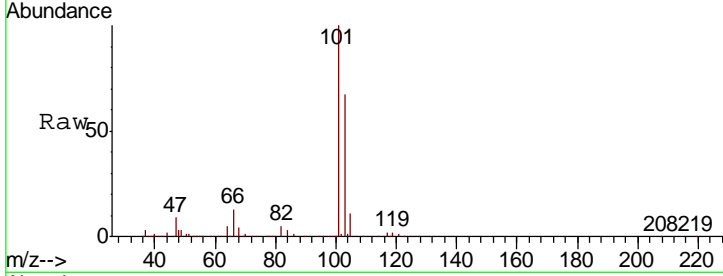




#7  
 Trichlorofluoromethane  
 Concen: 20.105 ug/l  
 RT: 1.93 min Scan# 128  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

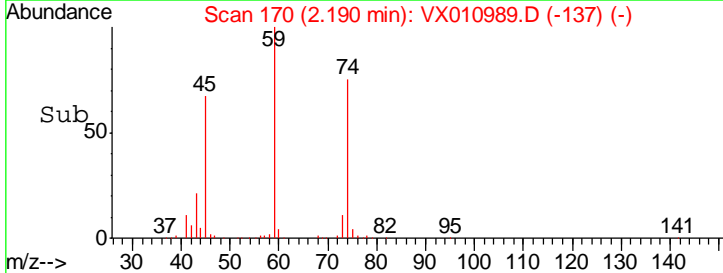
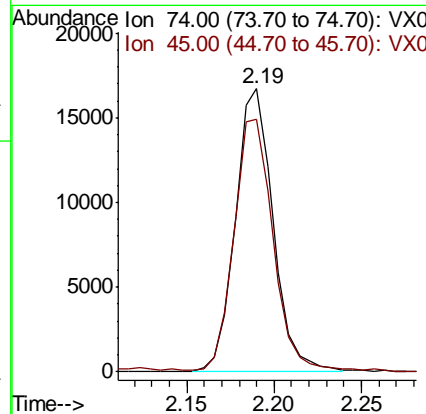
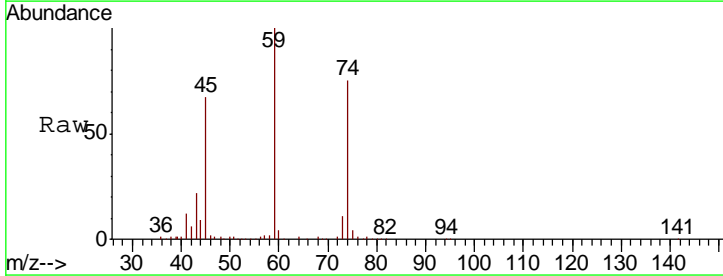
Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 77303 |       |       |
| 103     | 66.9  | 49.6  | 74.4  |

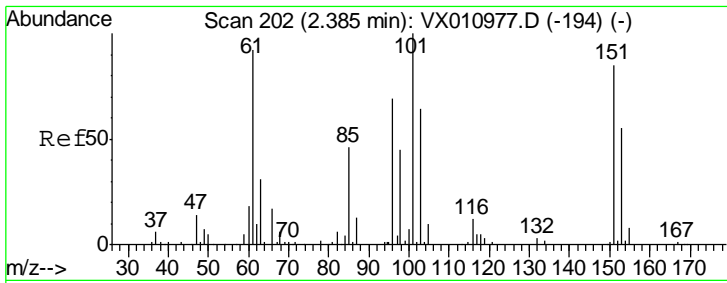


#8  
 Diethyl Ether  
 Concen: 19.892 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 25117 |       |       |
| 45      | 92.1  | 18.3  | 164.3 |



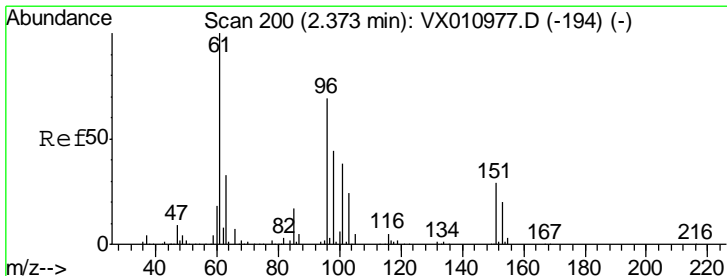
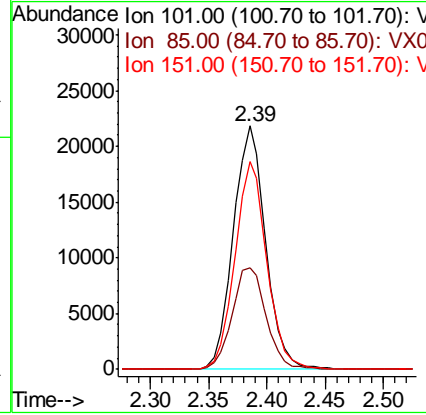
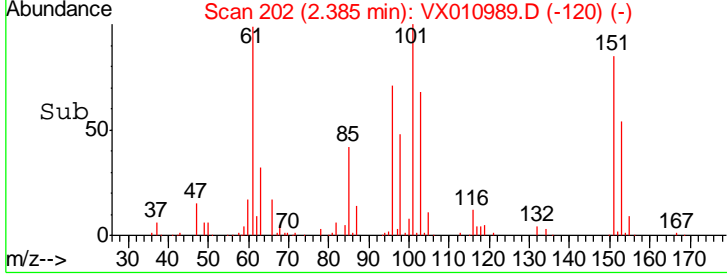
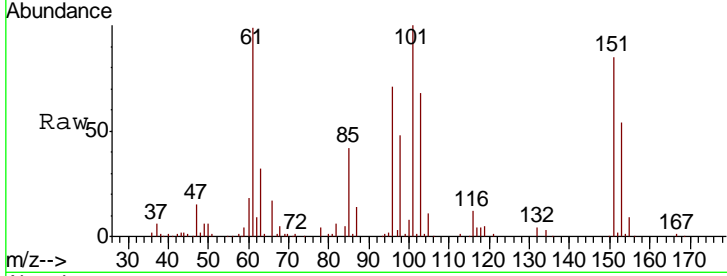




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.805 ug/l  
 RT: 2.39 min Scan# 202  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

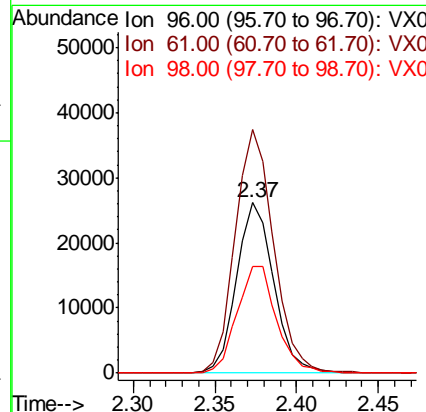
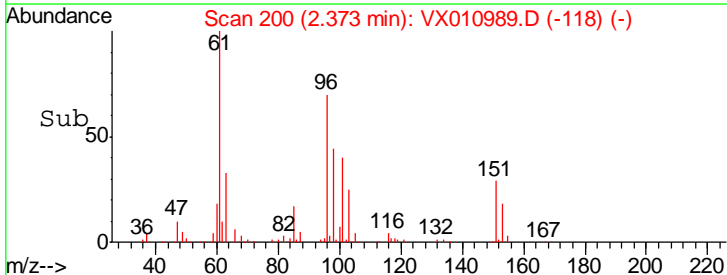
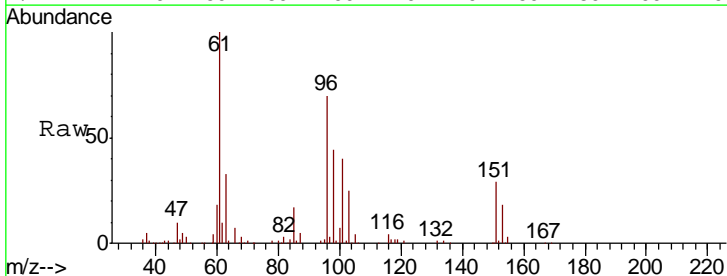
Instrument :  
 MSVOA\_X  
 ClientSampled :

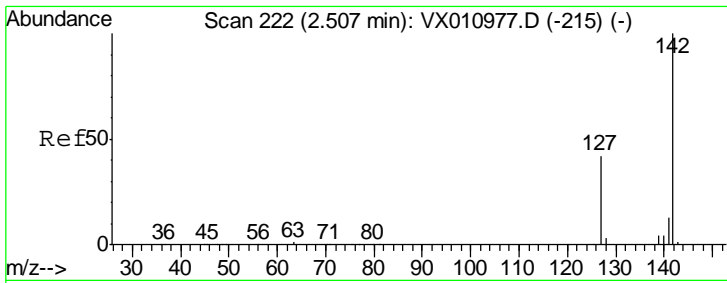
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 42088 |       |       |
| 85      | 43.7  | 0.0   | 89.8  |
| 151     | 84.4  | 0.0   | 172.2 |



#10  
 1,1-Dichloroethene  
 Concen: 19.484 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 41612 |       |       |
| 61      | 142.6 | 115.9 | 173.9 |
| 98      | 62.6  | 50.6  | 75.8  |



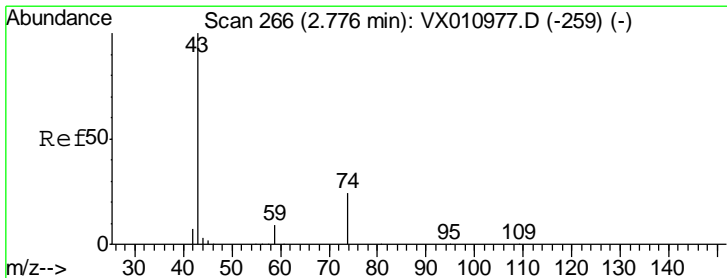
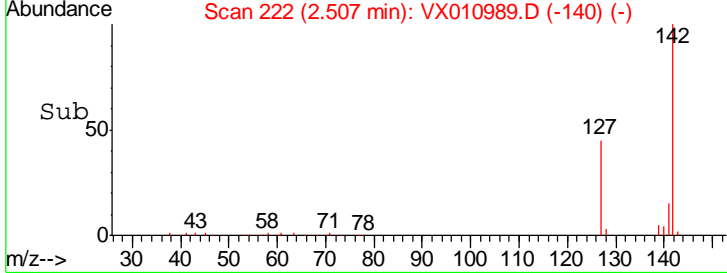
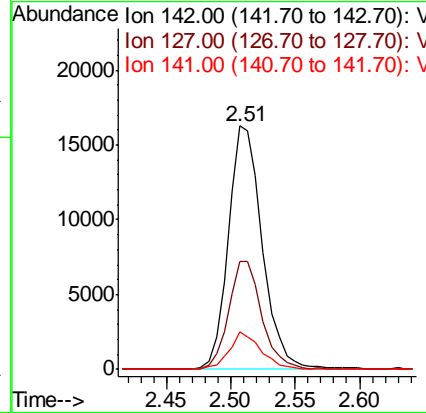
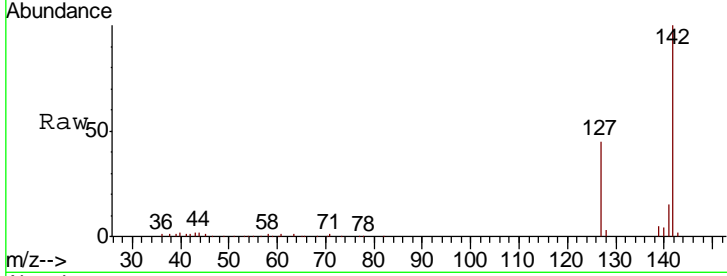


#11  
Methyl Iodide  
Concen: 10.451 ug/l  
RT: 2.51 min Scan# 222  
Delta R.T. -0.00 min  
Lab File: VX010989.D  
Acq: 19 Jul 2019 03:48

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion: 142 Resp: 29974

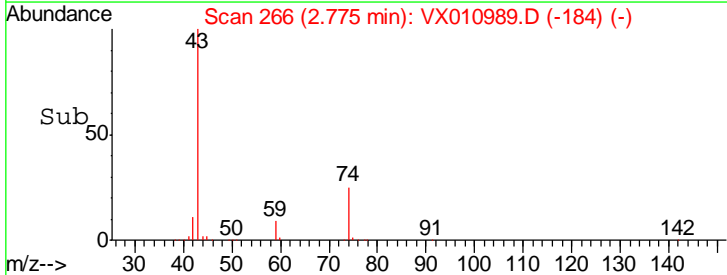
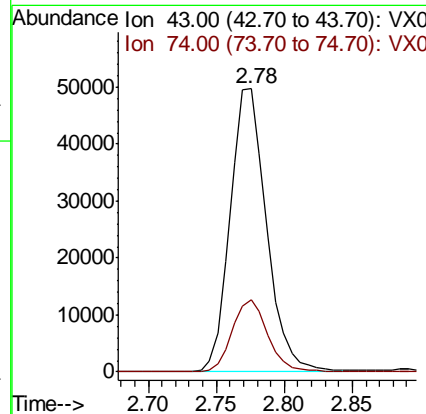
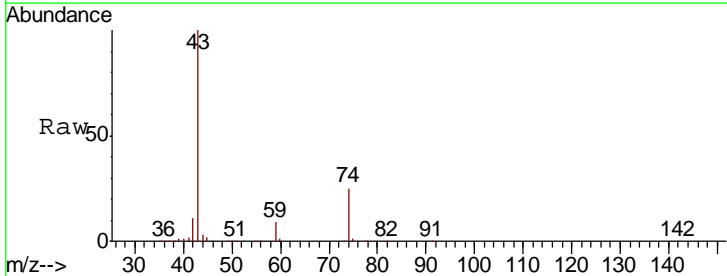
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 44.7  | 20.7  | 62.1  |
| 141 | 15.2  | 6.7   | 20.0  |

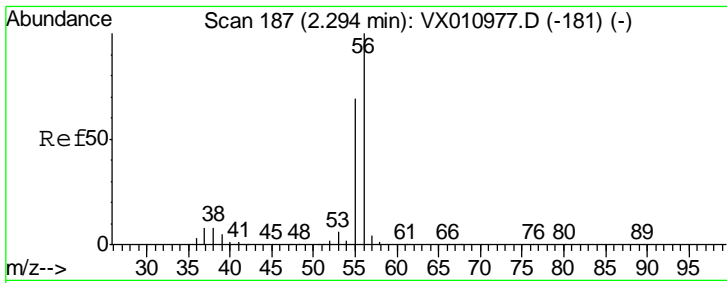


#12  
Methyl Acetate  
Concen: 30.669 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX010989.D  
Acq: 19 Jul 2019 03:48

Tgt Ion: 43 Resp: 91993

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 74  | 25.3  | 19.8  | 29.6  |

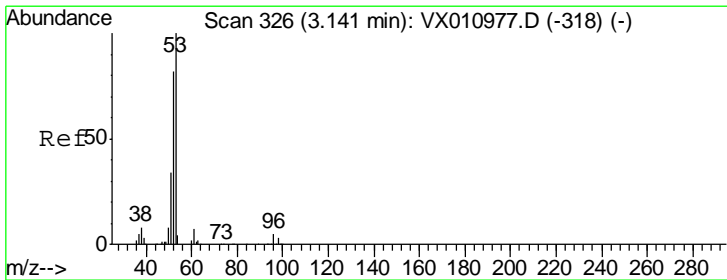
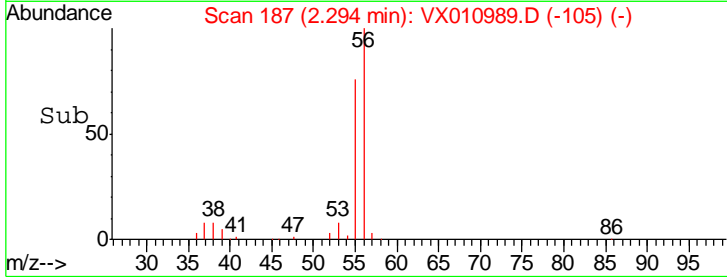
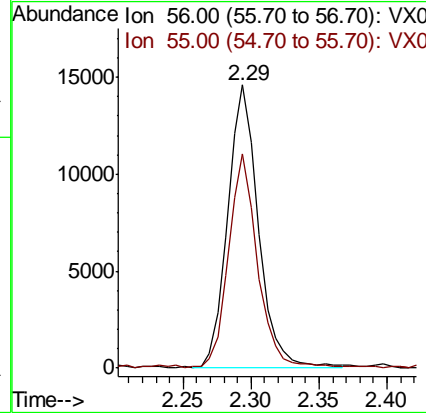
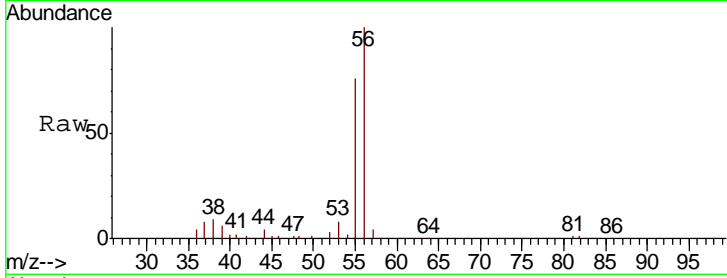




#13  
 Acrolein  
 Concen: 63.137 ug/l  
 RT: 2.29 min Scan# 187  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

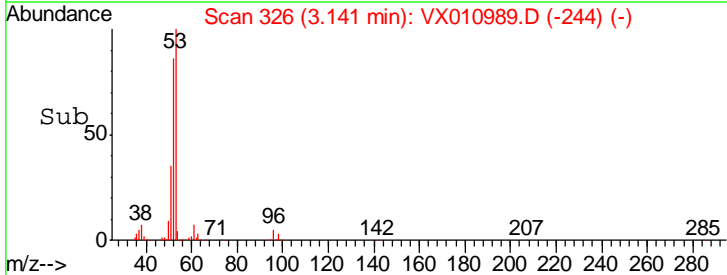
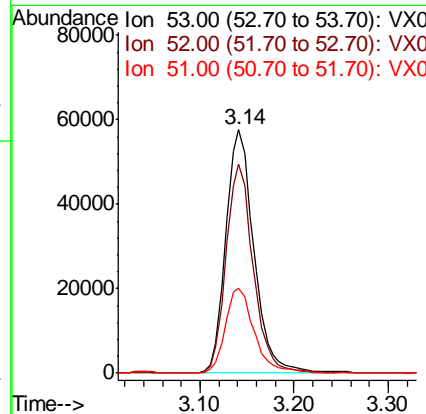
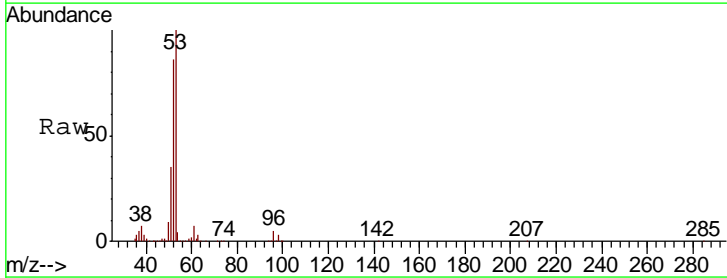
Instrument :  
 MSVOA\_X  
 ClientSampled :

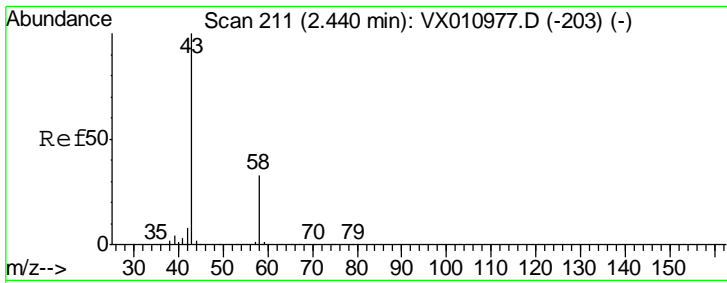
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 22707 |       |       |
| 55      | 73.1  | 56.1  | 84.1  |



#14  
 Acrylonitrile  
 Concen: 101.901 ug/l  
 RT: 3.14 min Scan# 326  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 53      | 119628 |       |       |
| 52      | 82.9   | 41.1  | 123.4 |
| 51      | 35.5   | 17.8  | 53.3  |

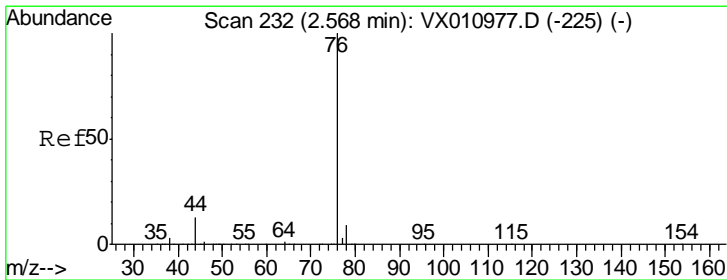
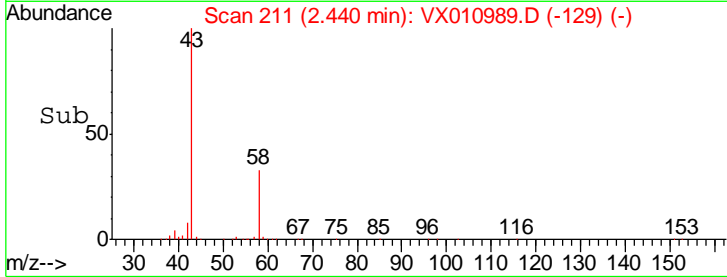
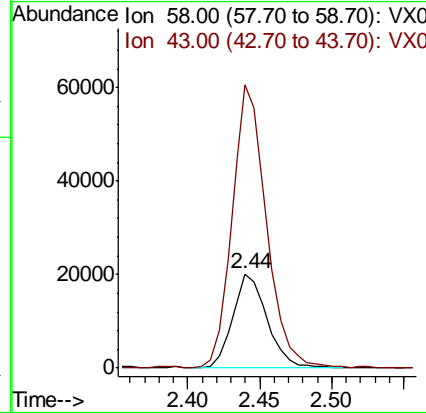
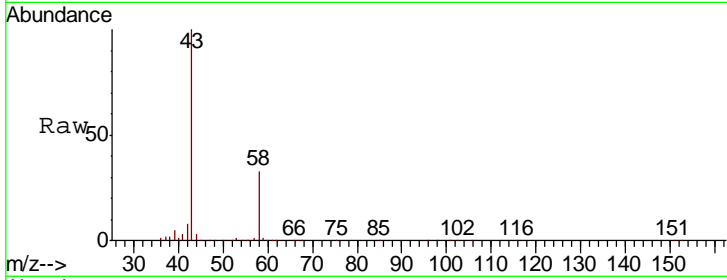




#15  
 Acetone  
 Concen: 103.051 ug/l  
 RT: 2.44 min Scan# 211  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

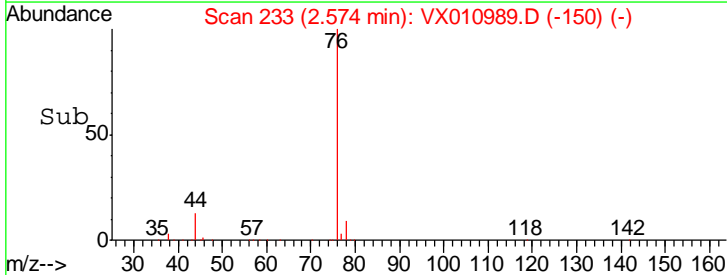
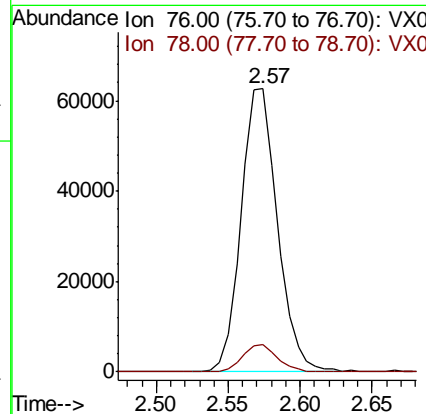
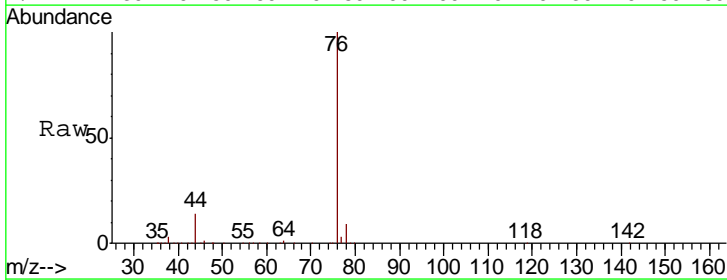
Instrument :  
 MSVOA\_X  
 ClientSampled :

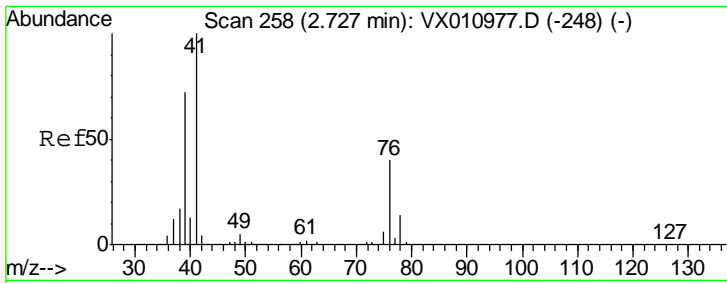
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 58      | 33688 |       |       |
| 58      | 100   |       |       |
| 43      | 300.0 | 243.8 | 365.6 |



#16  
 Carbon Disulfide  
 Concen: 20.007 ug/l  
 RT: 2.57 min Scan# 233  
 Delta R.T. 0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 76      | 109792 |       |       |
| 76      | 100    |       |       |
| 78      | 9.5    | 7.3   | 10.9  |

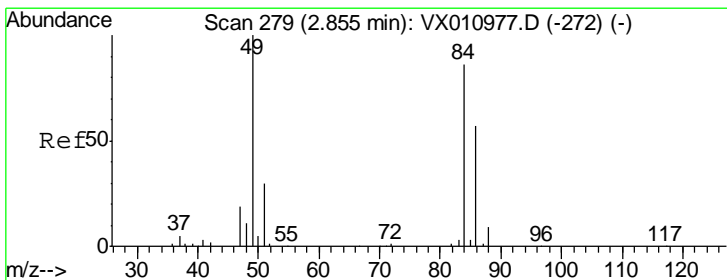
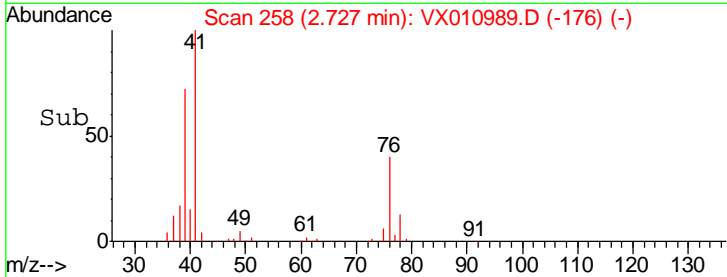
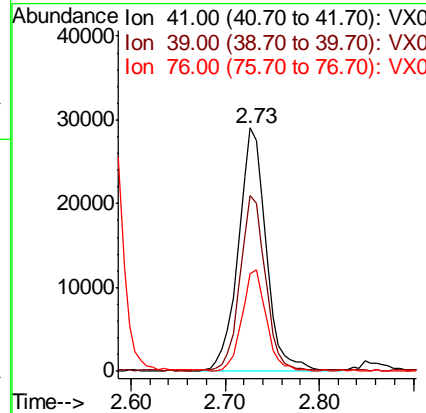
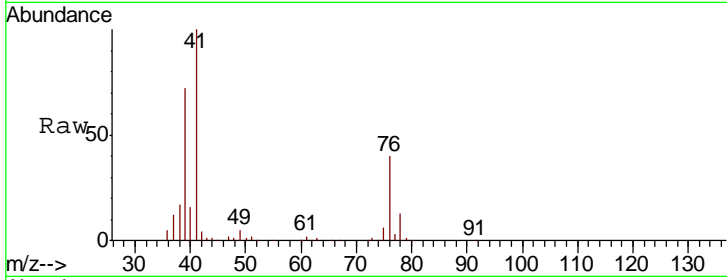




#17  
 Allyl chloride  
 Concen: 19.389 ug/l  
 RT: 2.73 min Scan# 258  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

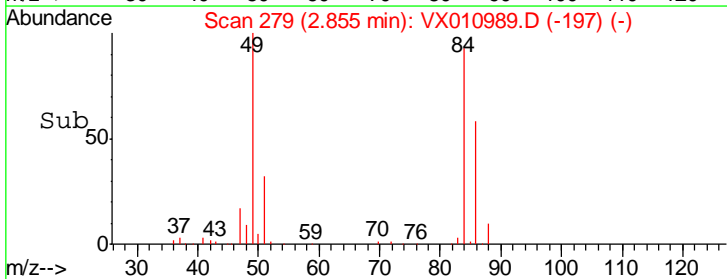
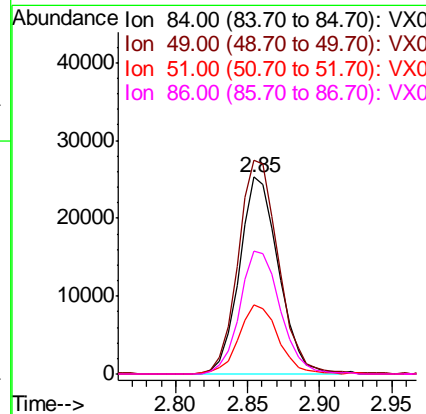
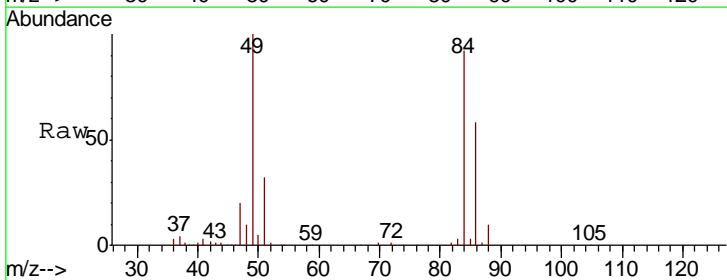
Instrument :  
 MSVOA\_X  
 ClientSampled :

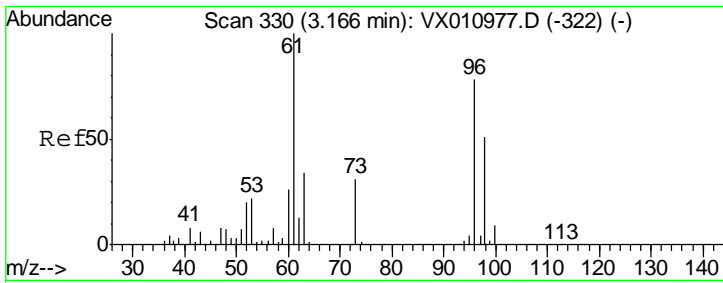
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41      | 100  |       |       |
| 39      | 72.0 | 36.1  | 108.3 |
| 76      | 39.5 | 20.2  | 60.5  |



#18  
 Methylene Chloride  
 Concen: 20.158 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 108.4 | 93.2  | 139.8 |
| 51      | 35.2  | 28.6  | 42.8  |
| 86      | 62.6  | 52.9  | 79.3  |

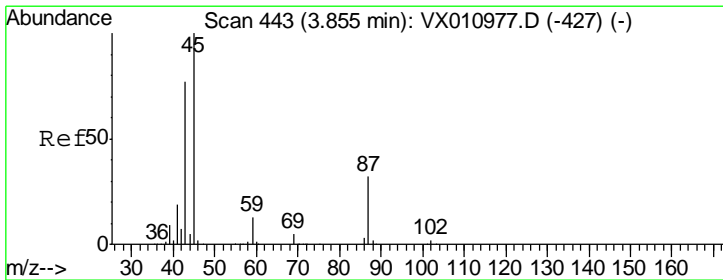
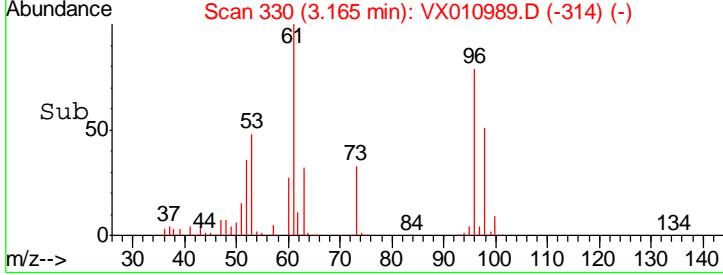
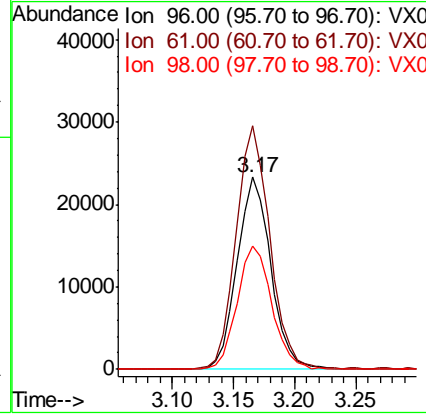
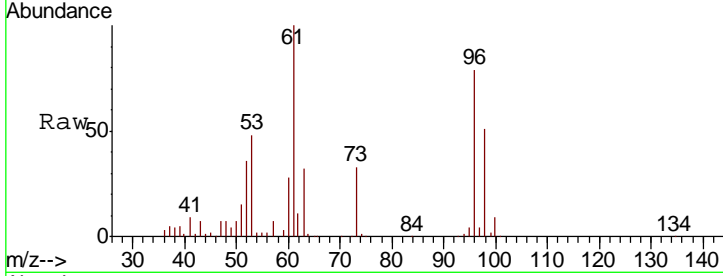




#19  
 trans-1,2-Dichloroethene  
 Concen: 19.735 ug/l  
 RT: 3.17 min Scan# 330  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

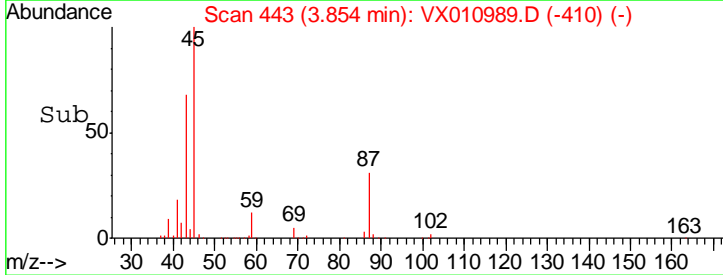
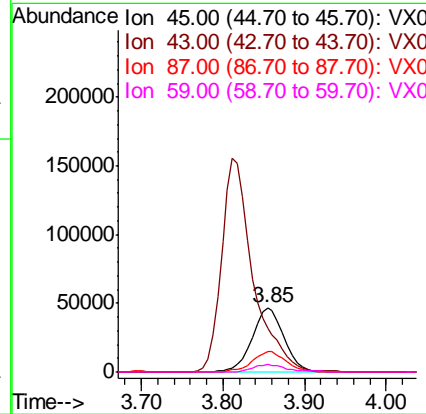
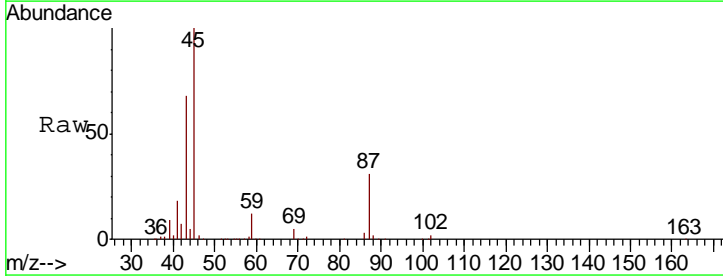
Instrument :  
 MSVOA\_X  
 ClientSampled :

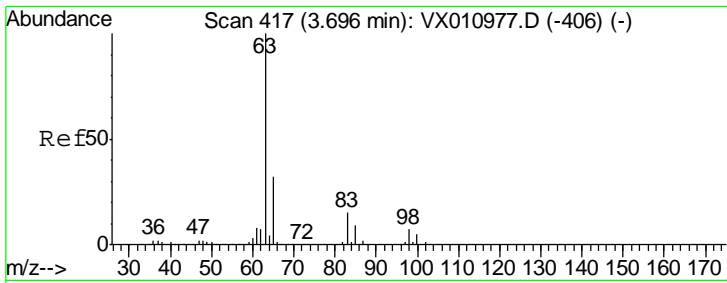
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 44524 |       |       |
| 61      | 126.9 | 102.2 | 153.4 |
| 98      | 64.2  | 52.2  | 78.2  |



#20  
 Diisopropyl ether  
 Concen: 19.582 ug/l  
 RT: 3.85 min Scan# 443  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 45      | 127812 |       |       |
| 43      | 68.1   | 61.5  | 92.3  |
| 87      | 31.3   | 25.4  | 38.2  |
| 59      | 12.1   | 10.2  | 15.2  |

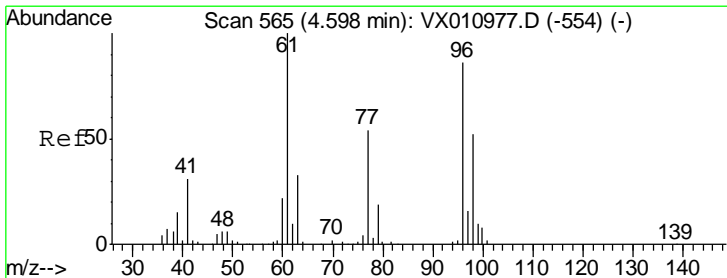
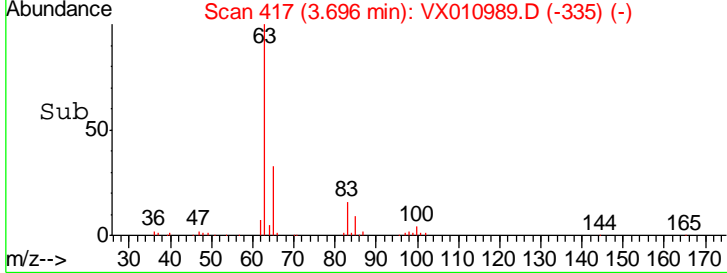
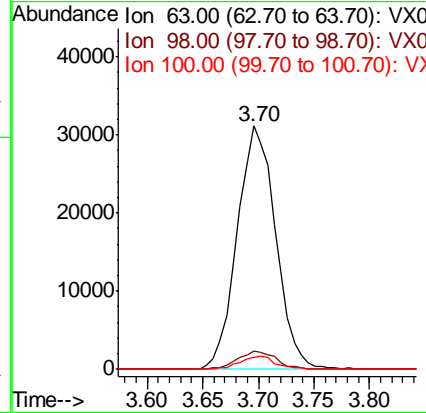
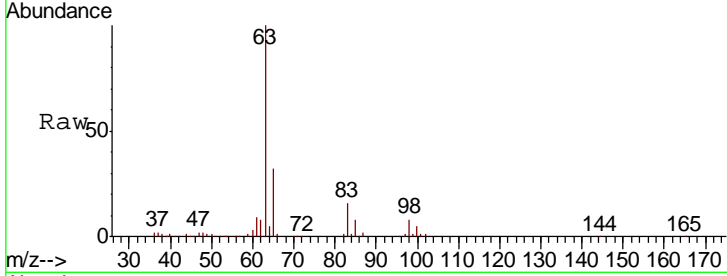




#21  
 1,1-Dichloroethane  
 Concen: 19.854 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

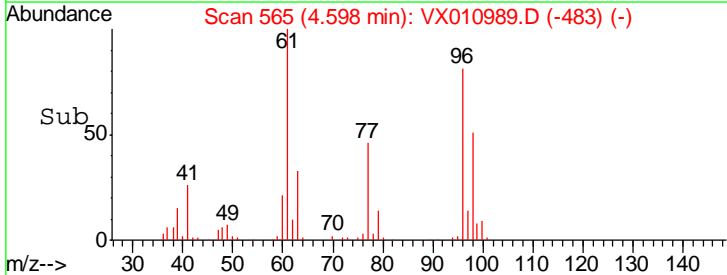
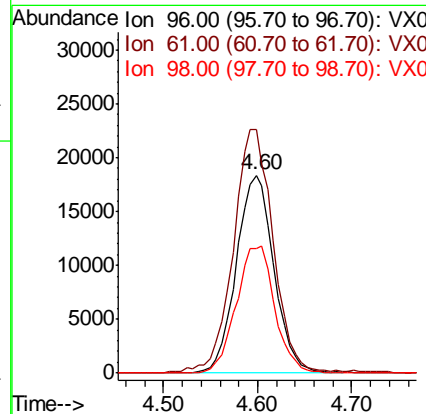
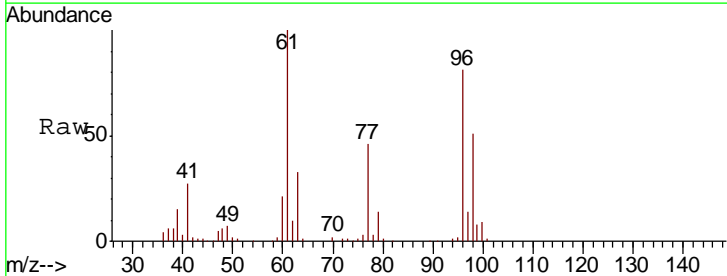
Instrument :  
 MSVOA\_X  
 ClientSampled :

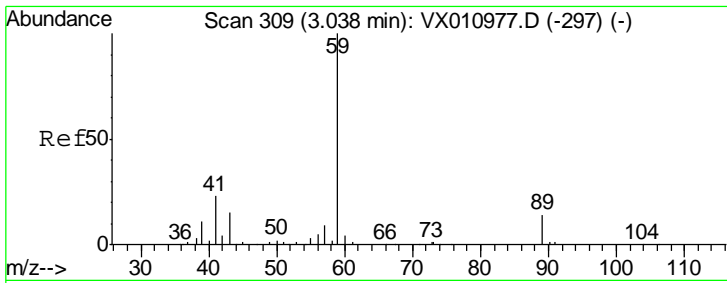
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 63      | 100  |       |       |
| 98      | 7.7  | 3.8   | 11.2  |
| 100     | 4.7  | 2.5   | 7.4   |



#22  
 cis-1,2-Dichloroethene  
 Concen: 19.742 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 129.8 | 102.9 | 154.3 |
| 98      | 65.7  | 50.9  | 76.3  |

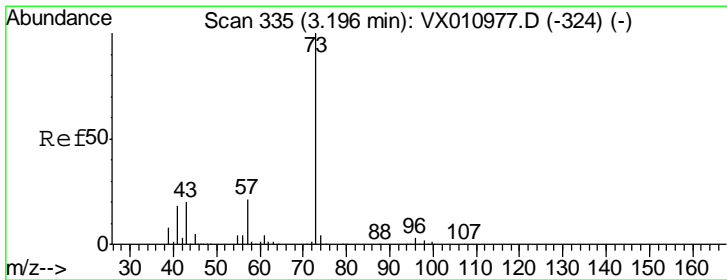
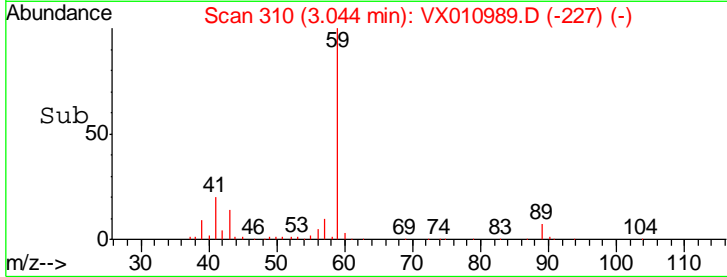
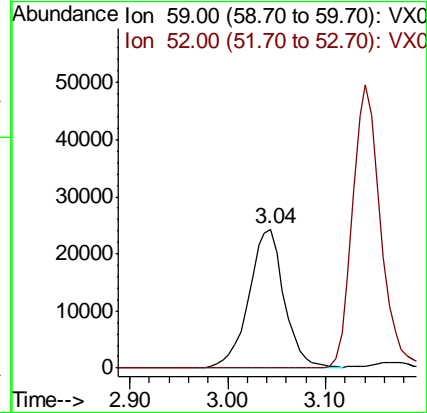
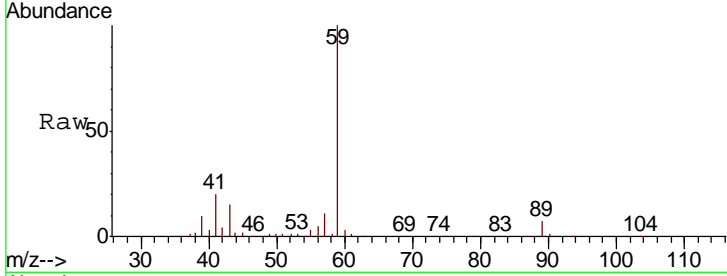




#23  
 tert-Butyl Alcohol  
 Concen: 99.523 ug/l  
 RT: 3.04 min Scan# 310  
 Delta R.T. 0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

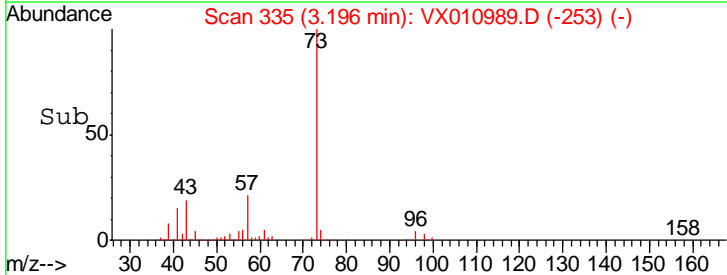
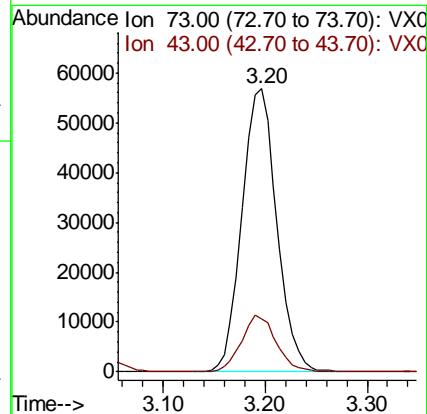
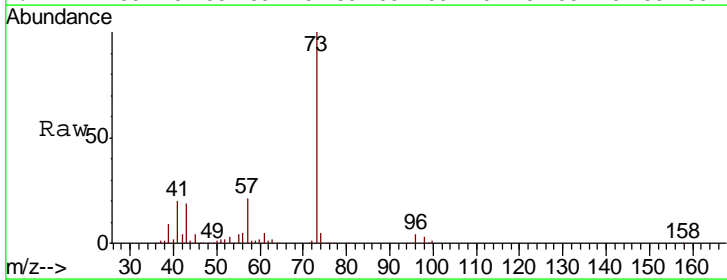
Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 59      | 100  |       |       |
| 52      | 0.3  | 0.2   | 0.4   |

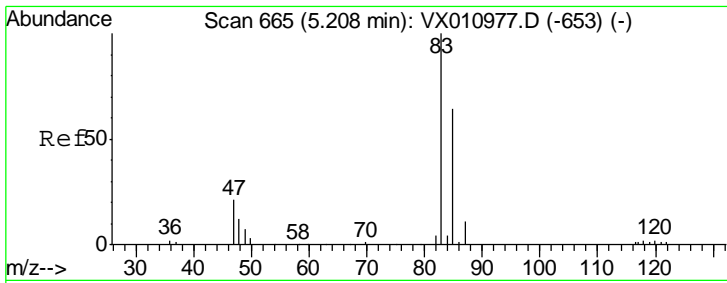


#24  
 Methyl tert-Butyl Ether  
 Concen: 19.707 ug/l  
 RT: 3.20 min Scan# 335  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 73      | 100  |       |       |
| 43      | 19.5 | 15.8  | 23.6  |



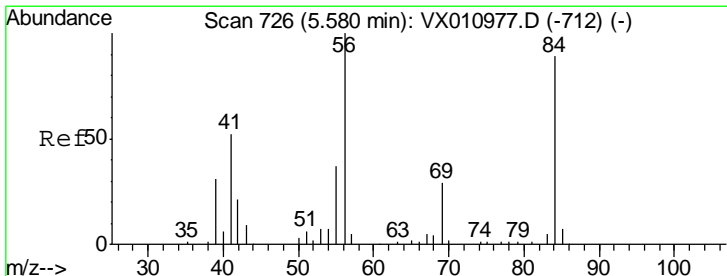
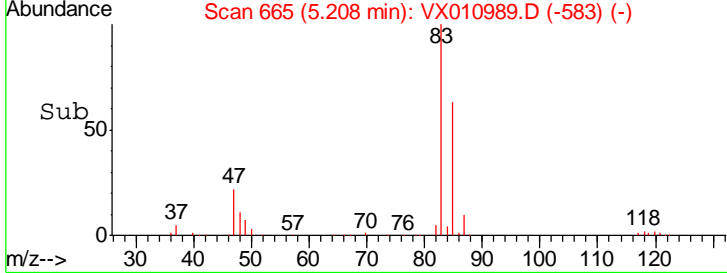
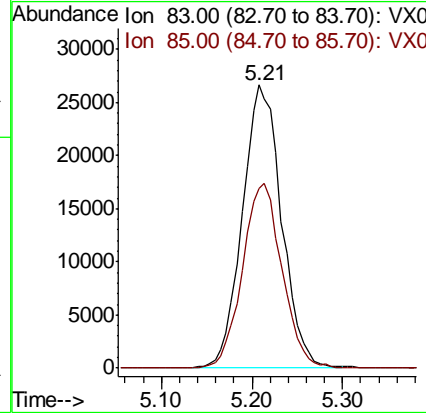
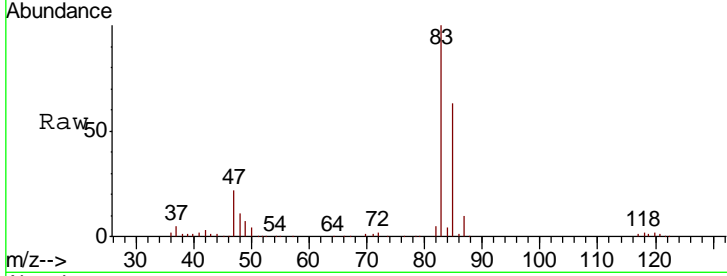




#25  
 Chloroform  
 Concen: 19.358 ug/l  
 RT: 5.21 min Scan# 665  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

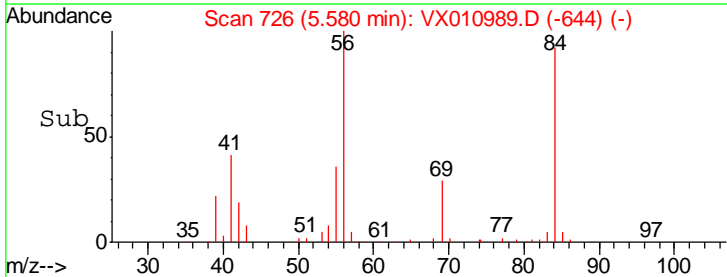
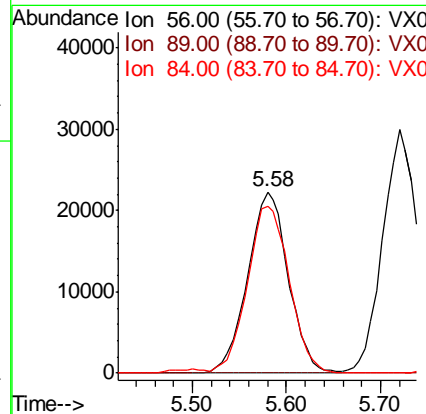
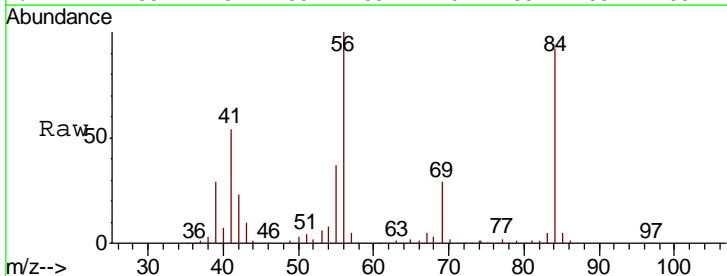
Instrument :  
 MSVOA\_X  
 ClientSampled :

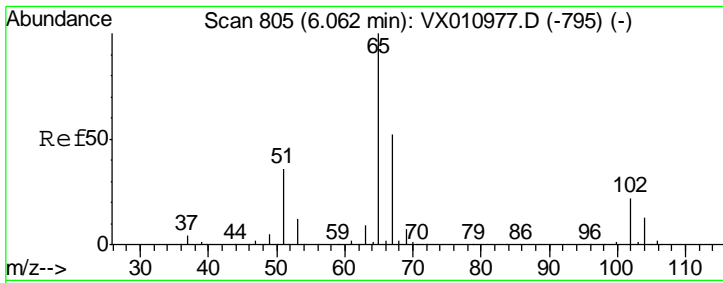
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 79637 |       |       |
| 85      | 63.3  | 50.9  | 76.3  |



#26  
 Cyclohexane  
 Concen: 19.549 ug/l  
 RT: 5.58 min Scan# 726  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 67193 |       |       |
| 89      | 0.0   | 0.0   | 0.0   |
| 84      | 95.2  | 73.0  | 109.4 |



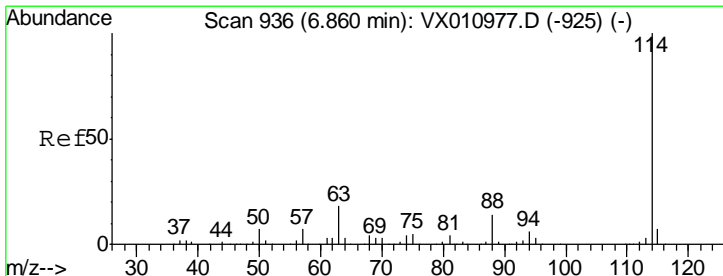
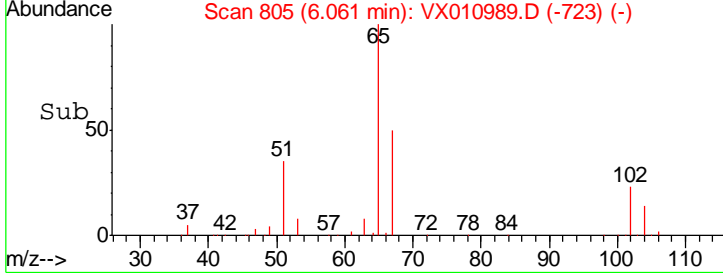
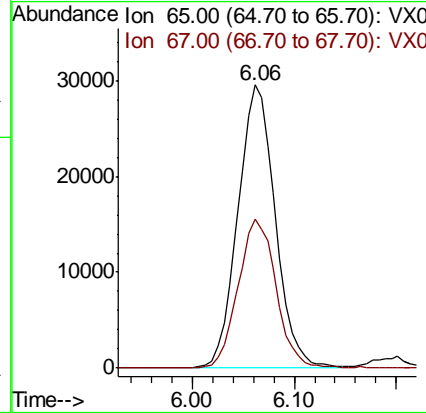
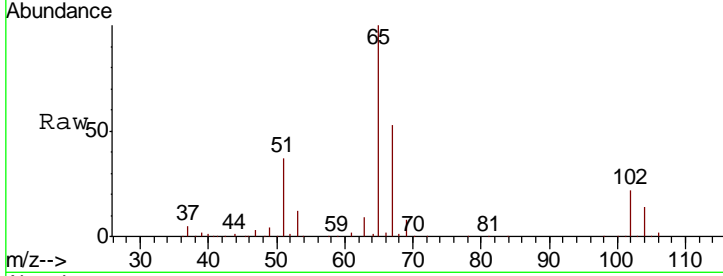


#27  
 1,2-Dichloroethane-d4  
 Concen: 28.959 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Instrument :  
 MSVOA\_X  
 ClientSampled :

Tgt Ion: 65 Resp: 74972

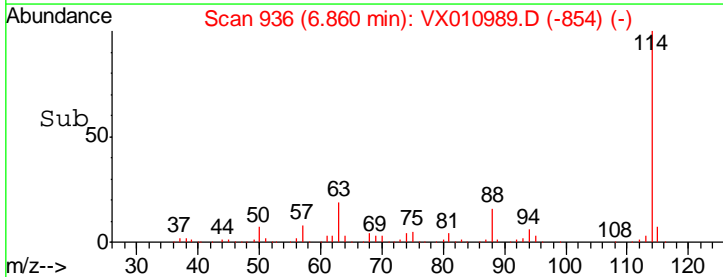
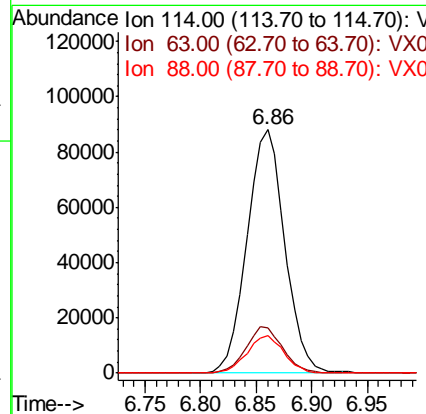
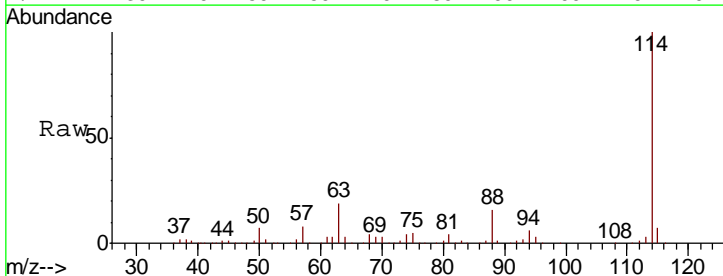
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 53.7  | 41.7  | 62.5  |

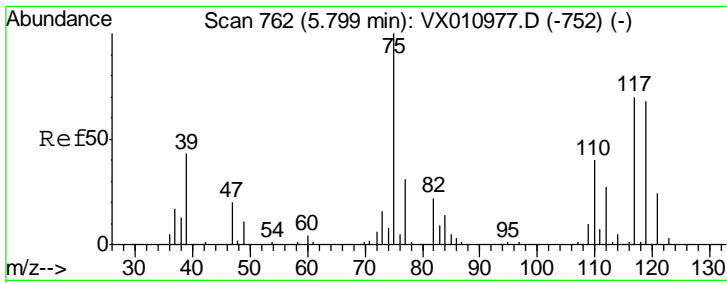


#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Tgt Ion: 114 Resp: 207848

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 18.5  | 14.6  | 22.0  |
| 88  | 15.3  | 11.8  | 17.8  |

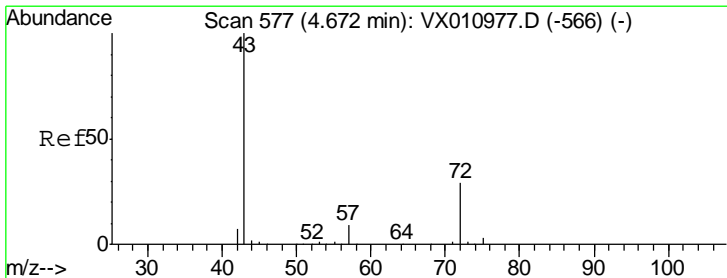
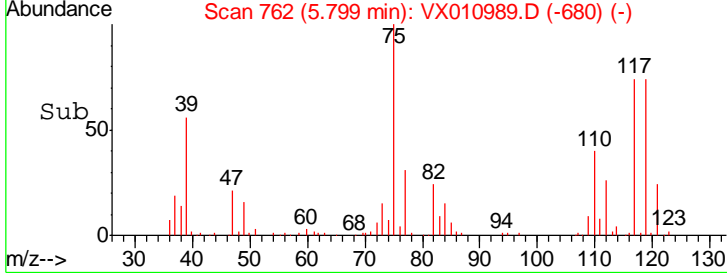
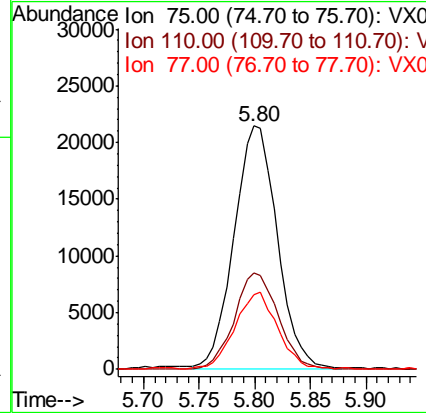
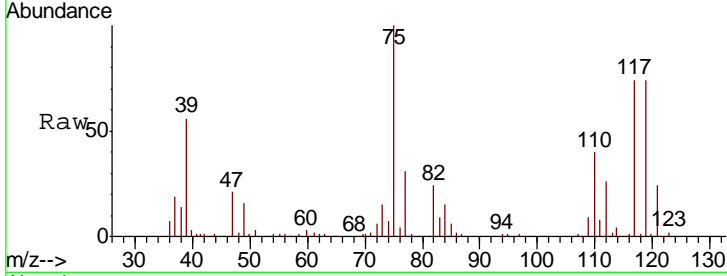




#29  
 1,1-Dichloropropene  
 Concen: 19.889 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

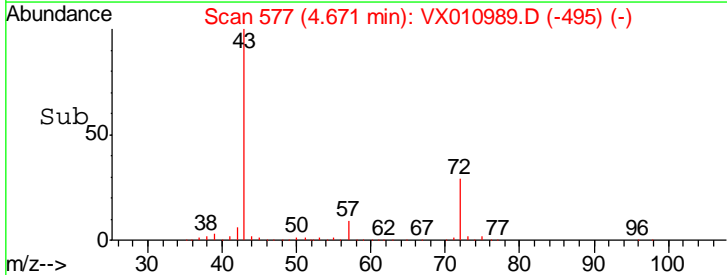
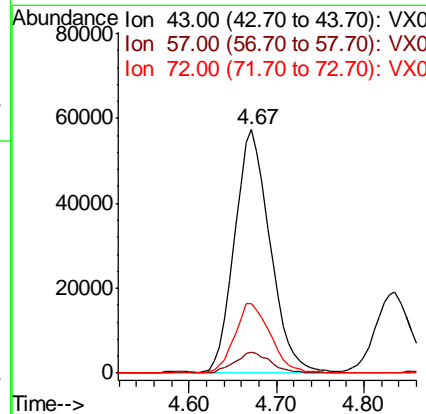
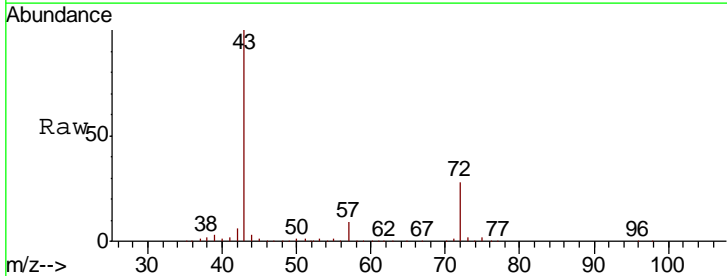
Instrument :  
 MSVOA\_X  
 ClientSampled :

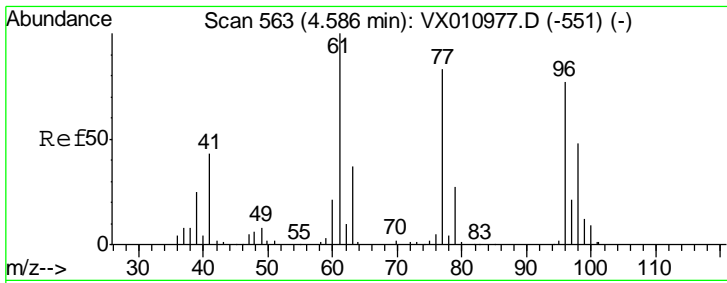
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 58134 |       |       |
| 110     | 40.0  | 0.0   | 79.8  |
| 77      | 31.2  | 0.0   | 62.2  |



#30  
 2-Butanone  
 Concen: 101.636 ug/l  
 RT: 4.67 min Scan# 577  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 43      | 160360 |       |       |
| 57      | 8.8    | 6.8   | 10.2  |
| 72      | 29.1   | 23.2  | 34.8  |

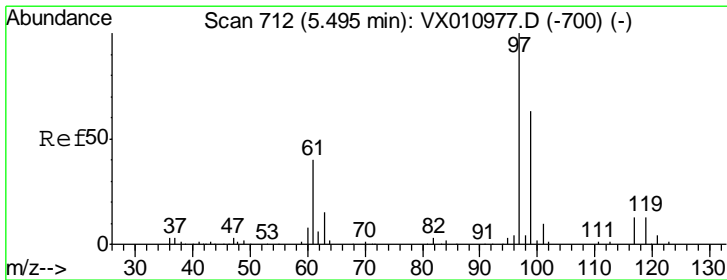
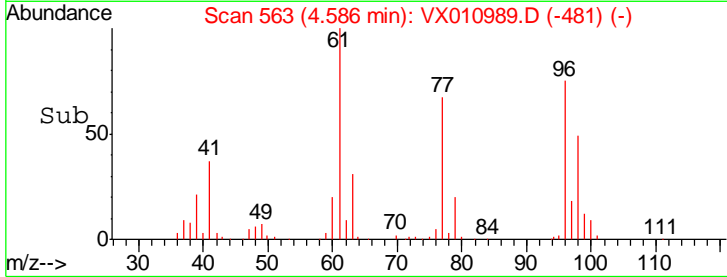
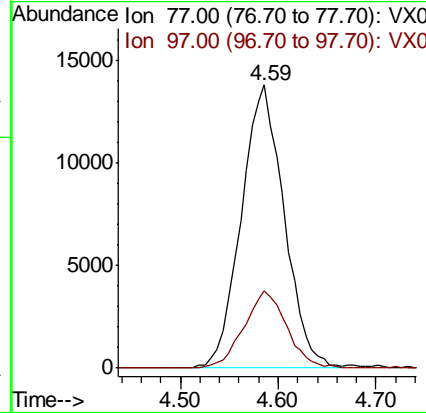
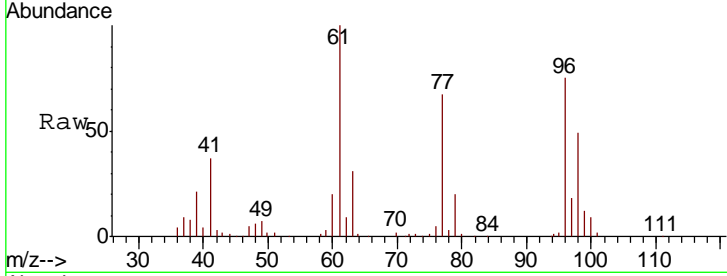




#31  
 2,2-Dichloropropane  
 Concen: 16.452 ug/l  
 RT: 4.59 min Scan# 563  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

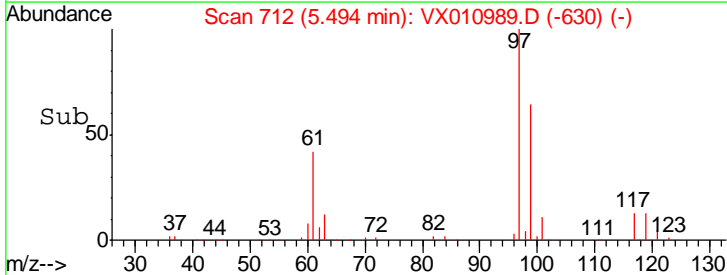
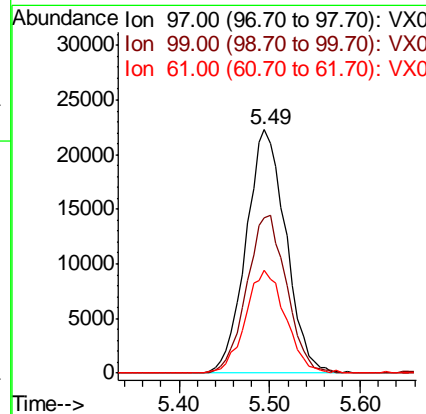
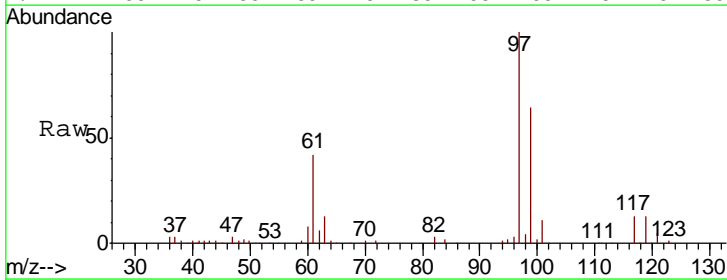
Instrument :  
 MSVOA\_X  
 ClientSampled :

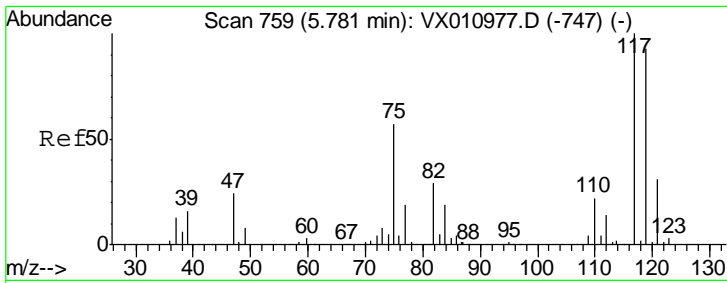
Tgt Ion: 77 Resp: 41977  
 Ion Ratio Lower Upper  
 77 100  
 97 27.1 20.9 31.3



#32  
 1,1,1-Trichloroethane  
 Concen: 19.237 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Tgt Ion: 97 Resp: 67809  
 Ion Ratio Lower Upper  
 97 100  
 99 64.6 51.0 76.6  
 61 42.1 34.3 51.5

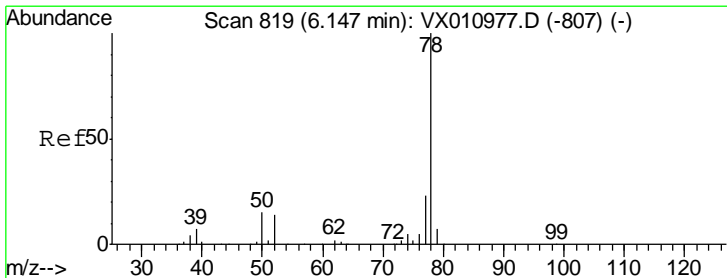
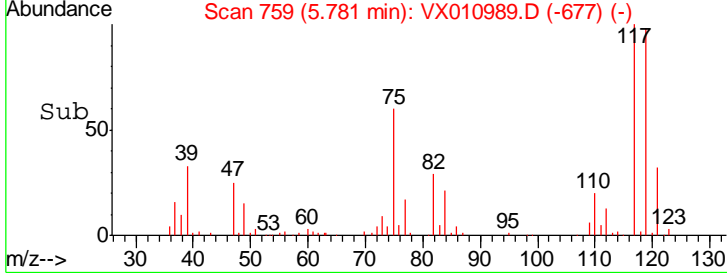
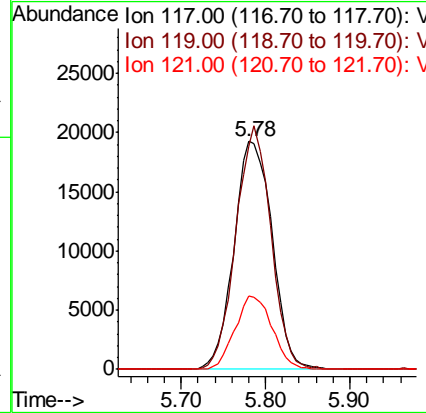
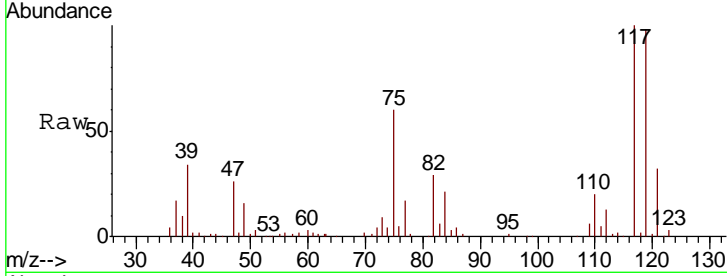




#33  
 Carbon Tetrachloride  
 Concen: 19.276 ug/l  
 RT: 5.78 min Scan# 759  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

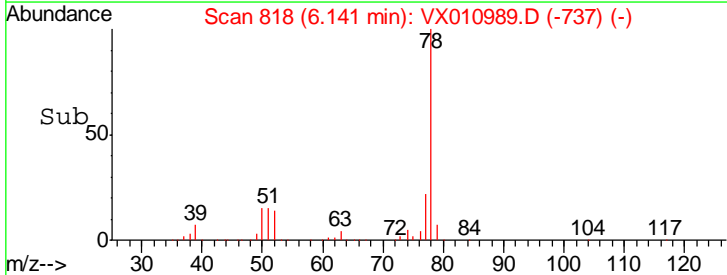
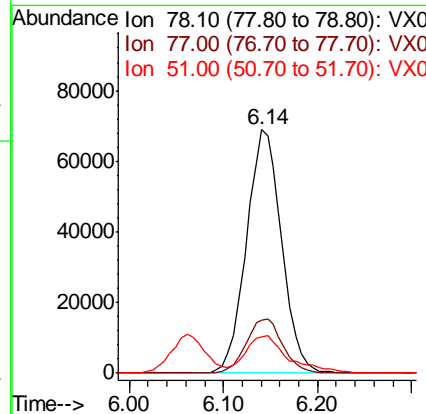
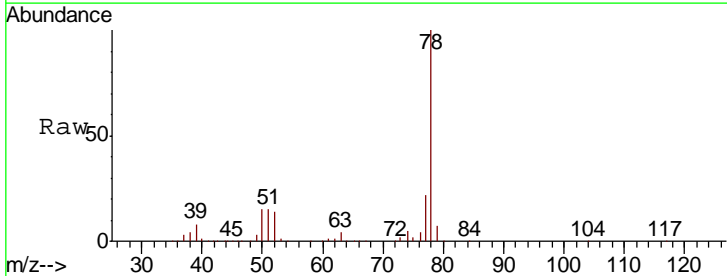
Instrument : MSVOA\_X  
 ClientSampled :

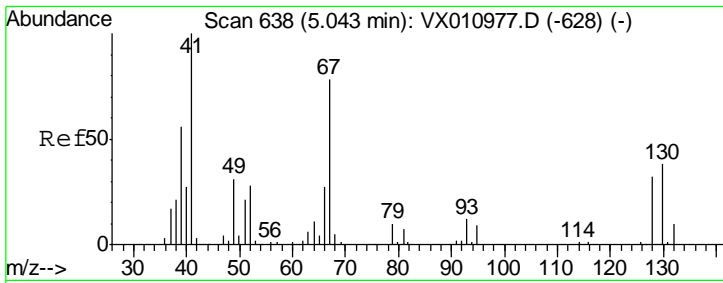
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 59076 |       |       |
| 119     | 97.9  | 74.3  | 111.5 |
| 121     | 32.4  | 24.9  | 37.3  |



#34  
 Benzene  
 Concen: 20.507 ug/l  
 RT: 6.14 min Scan# 818  
 Delta R.T. -0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 78      | 179810 |       |       |
| 77      | 22.0   | 18.2  | 27.4  |
| 51      | 14.2   | 11.4  | 17.2  |

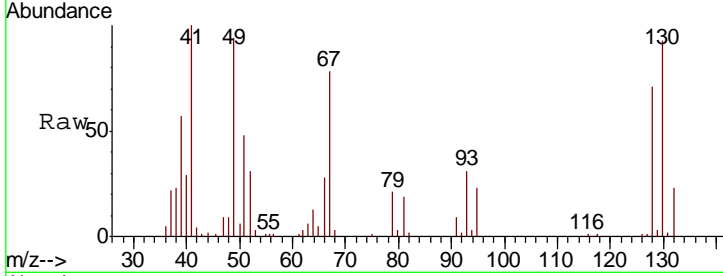




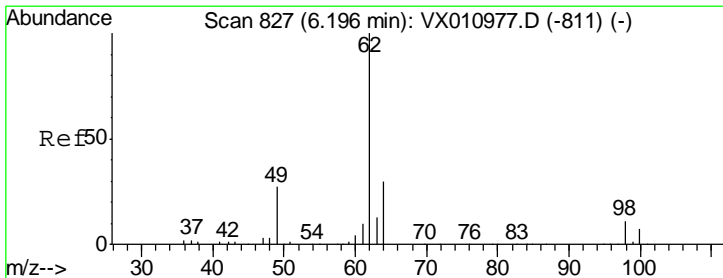
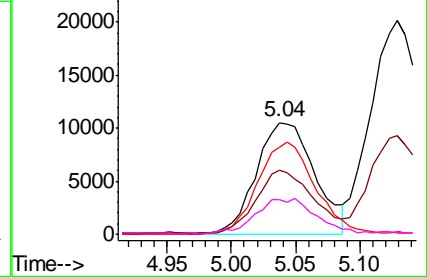
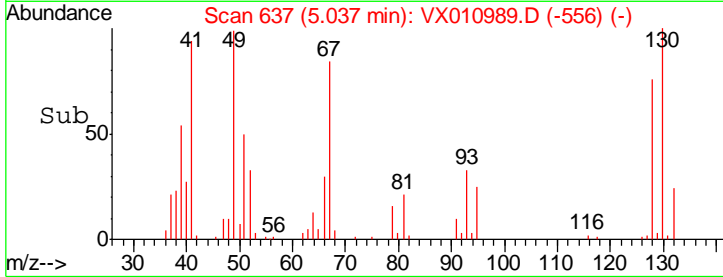
#35  
 Methacrylonitrile  
 Concen: 20.120 ug/l  
 RT: 5.04 min Scan# 637  
 Delta R.T. -0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 33048 |       |       |
| 39      | 56.5  | 27.6  | 82.8  |
| 67      | 78.7  | 39.1  | 117.2 |
| 52      | 30.5  | 14.0  | 42.0  |

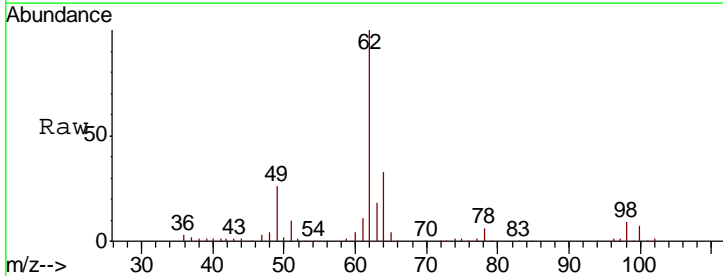


Abundance Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0  
 Ion 67.00 (66.70 to 67.70): VX0  
 Ion 52.00 (51.70 to 52.70): VX0

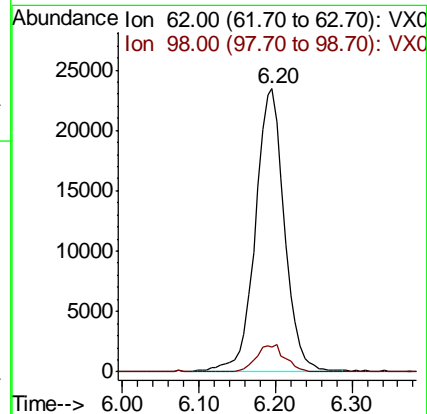
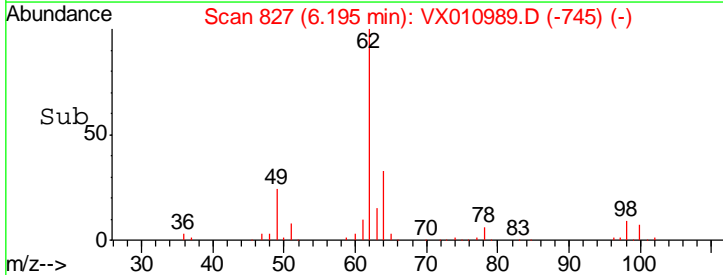


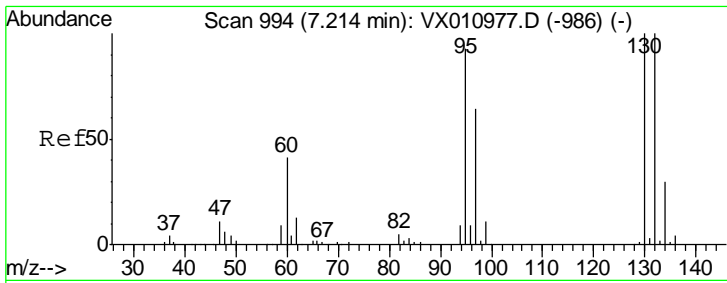
#36  
 1,2-Dichloroethane  
 Concen: 19.892 ug/l  
 RT: 6.20 min Scan# 827  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 62363 |       |       |
| 98      | 5.6   | 8.0   | 12.0# |



Abundance Ion 62.00 (61.70 to 62.70): VX0  
 Ion 98.00 (97.70 to 98.70): VX0

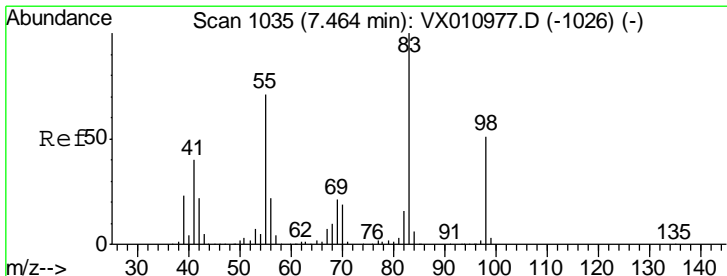
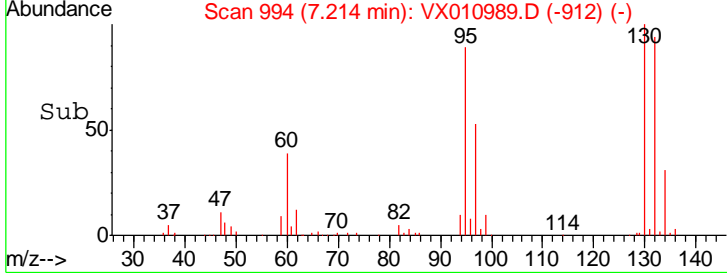
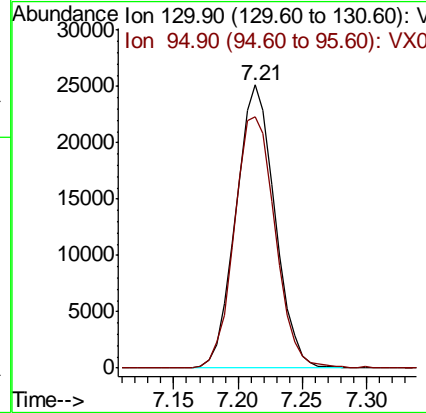
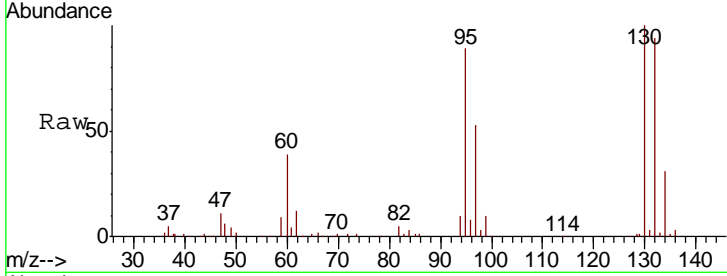




#37  
 Trichloroethene  
 Concen: 20.589 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

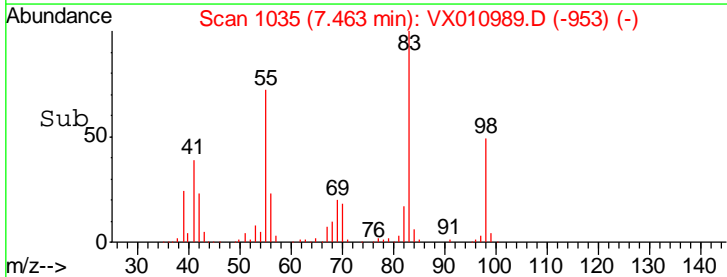
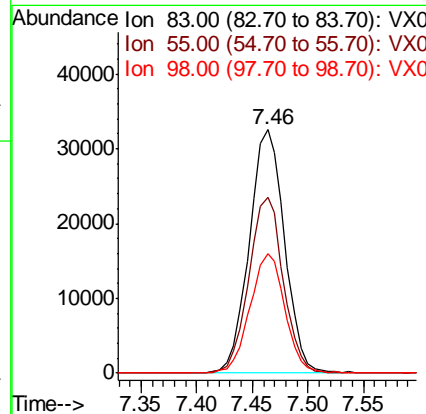
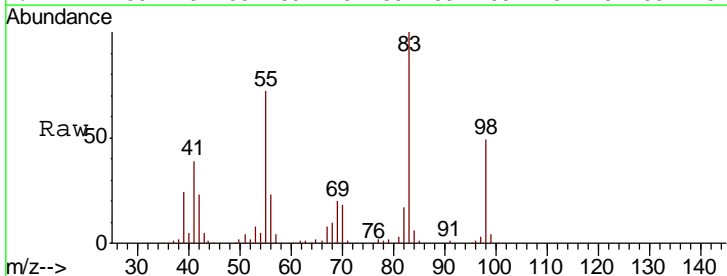
Instrument :  
 MSVOA\_X  
 ClientSampled :

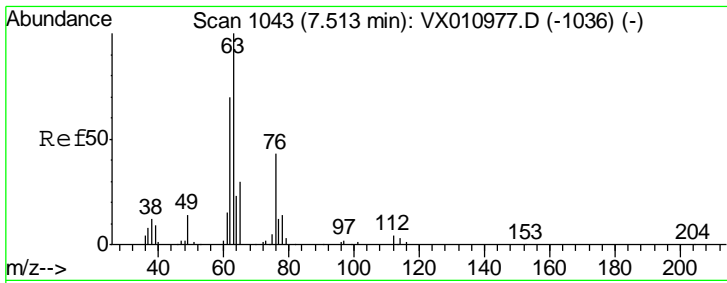
Tgt Ion: 130 Resp: 52851  
 Ion Ratio Lower Upper  
 130 100  
 95 88.7 74.1 111.1



#38  
 Methylcyclohexane  
 Concen: 19.476 ug/l  
 RT: 7.46 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Tgt Ion: 83 Resp: 71845  
 Ion Ratio Lower Upper  
 83 100  
 55 70.5 35.3 105.9  
 98 48.7 24.0 72.0

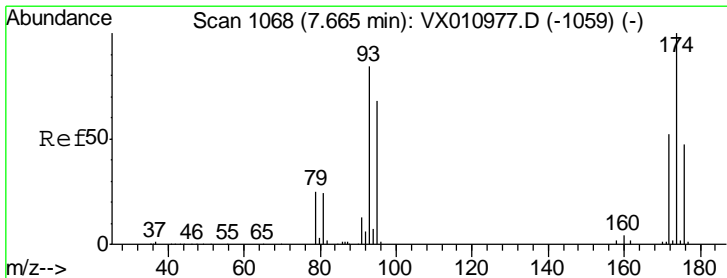
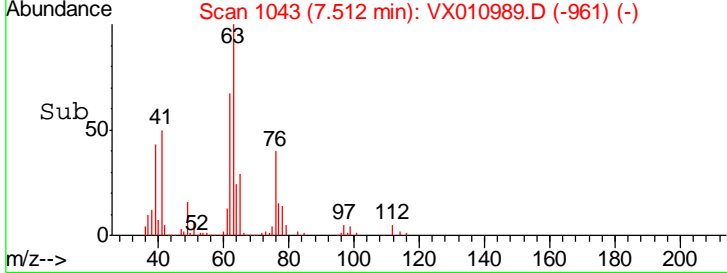
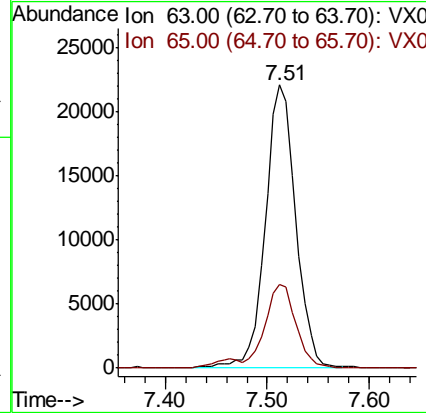
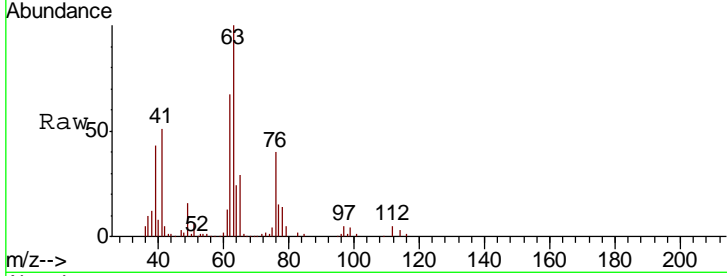




#39  
 1,2-Dichloropropane  
 Concen: 20.842 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

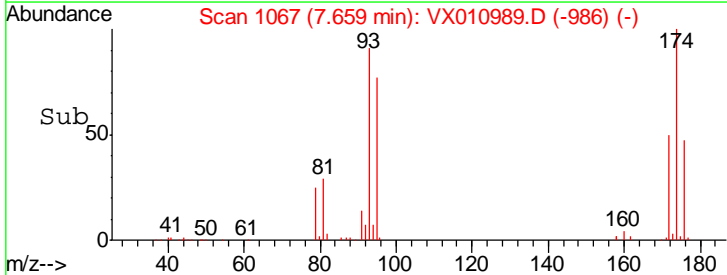
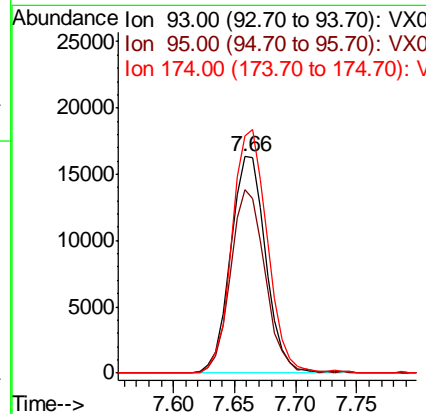
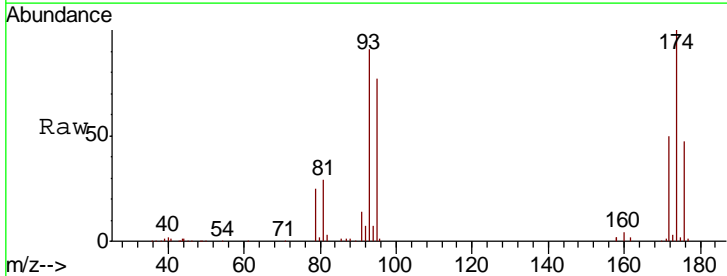
Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 63      | 100  |       |       |
| 65      | 29.4 | 25.6  | 38.4  |

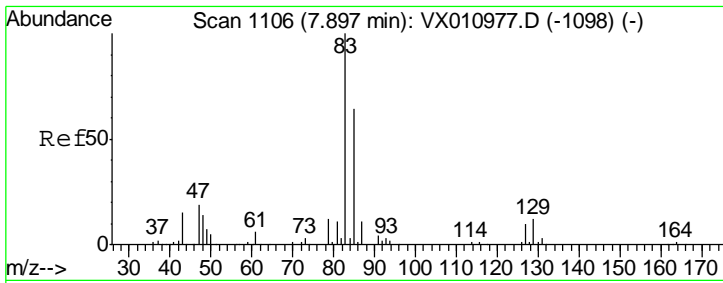


#40  
 Dibromomethane  
 Concen: 20.181 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.4  | 0.0   | 166.0 |
| 174     | 112.3 | 0.0   | 229.2 |



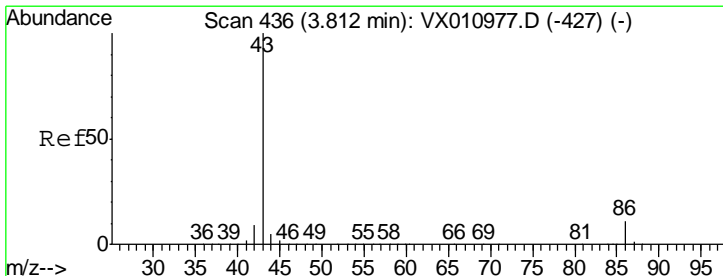
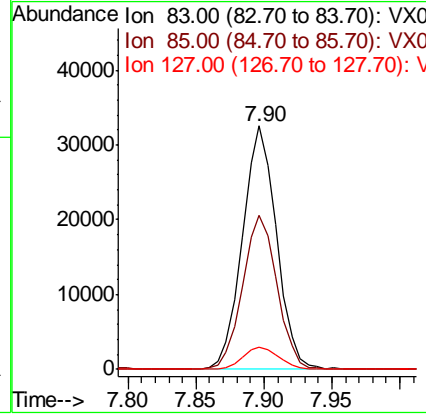
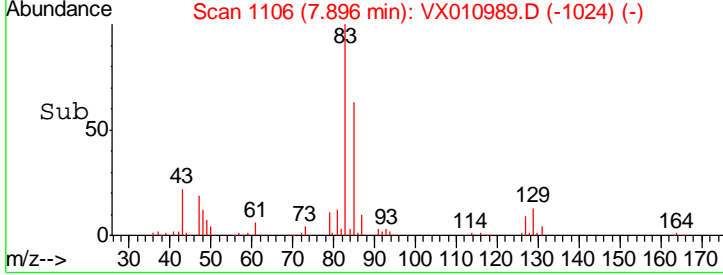
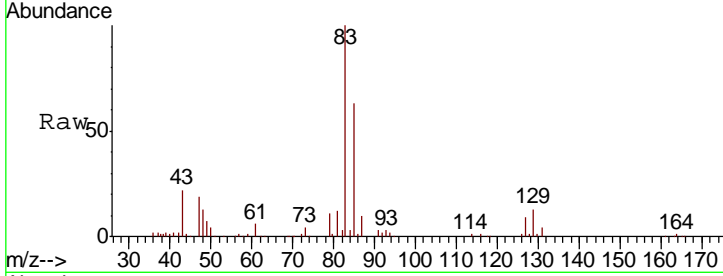




#41  
 Bromodichloromethane  
 Concen: 19.391 ug/l  
 RT: 7.90 min Scan# 1106  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

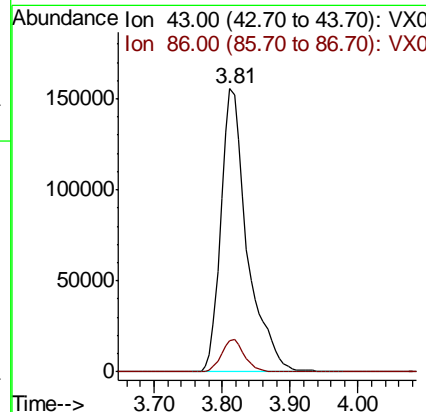
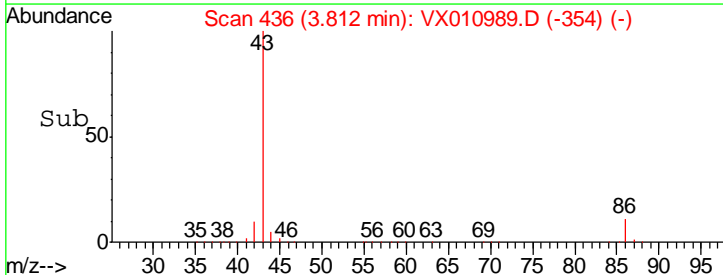
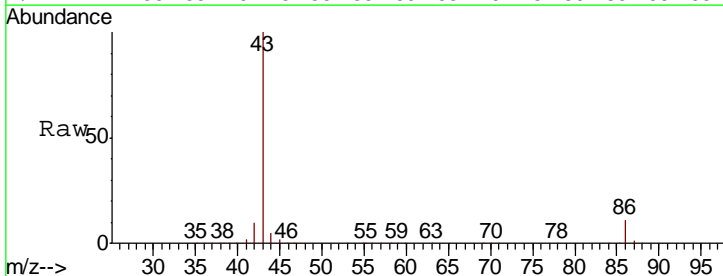
Instrument :  
 MSVOA\_X  
 ClientSampled :

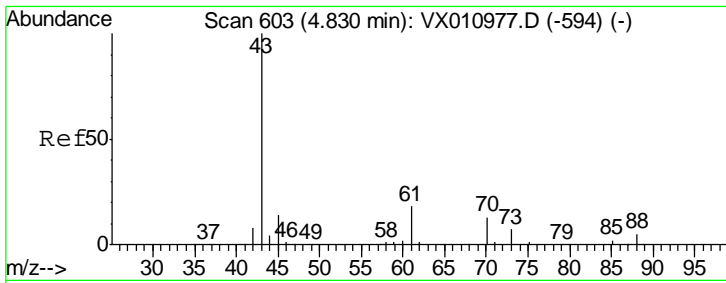
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 56892 |       |       |
| 85      | 63.5  | 50.9  | 76.3  |
| 127     | 9.3   | 7.7   | 11.5  |



#42  
 Vinyl Acetate  
 Concen: 80.615 ug/l  
 RT: 3.81 min Scan# 436  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 43      | 419061 |       |       |
| 86      | 9.9    | 8.2   | 12.2  |

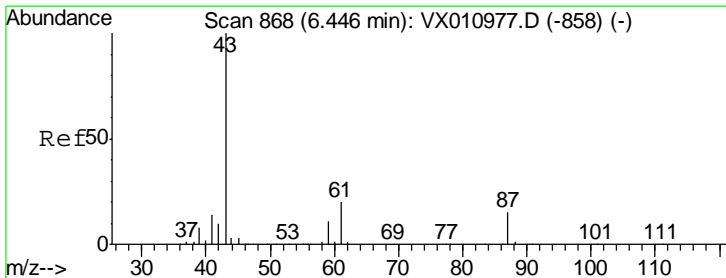
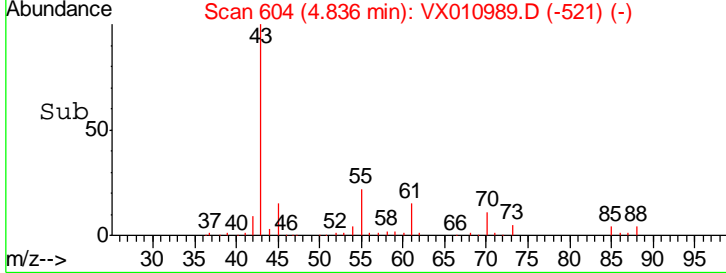
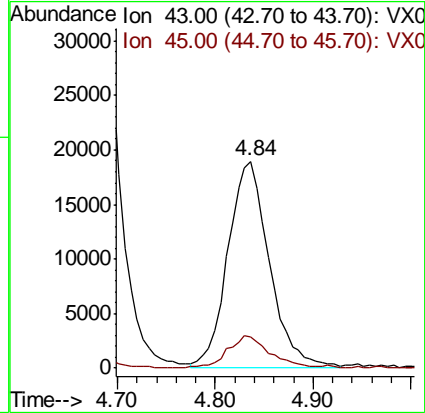
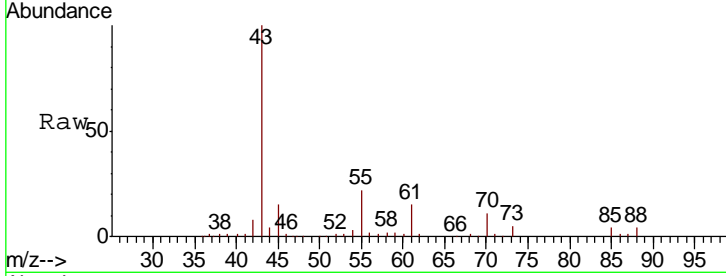




#43  
 Ethyl Acetate  
 Concen: 18.251 ug/l  
 RT: 4.84 min Scan# 604  
 Delta R.T. 0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

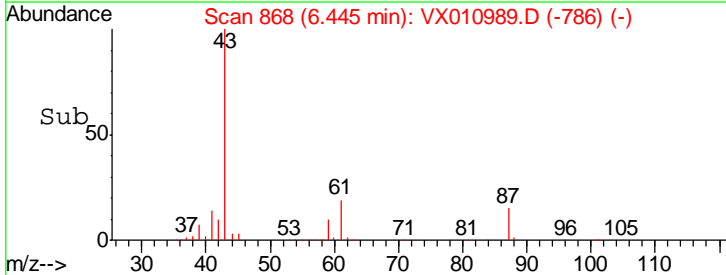
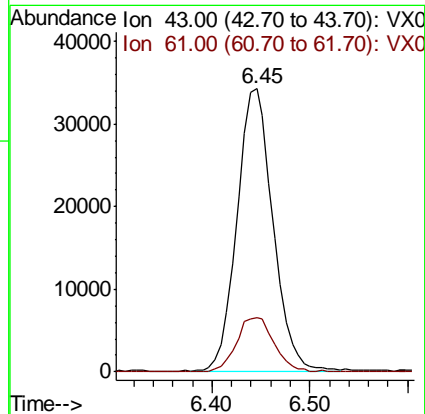
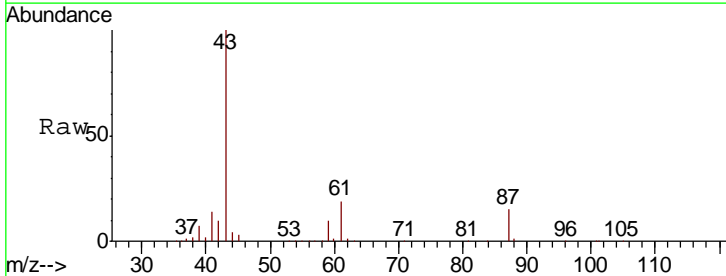
Instrument :  
 MSVOA\_X  
 ClientSampled :

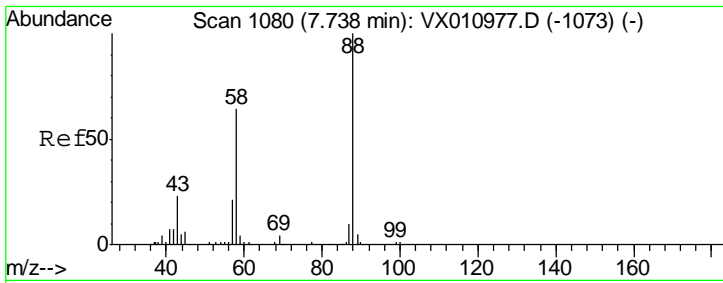
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 45      | 16.1 | 12.1  | 18.1  |



#44  
 Isopropyl Acetate  
 Concen: 17.645 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 61      | 20.1 | 16.7  | 25.1  |

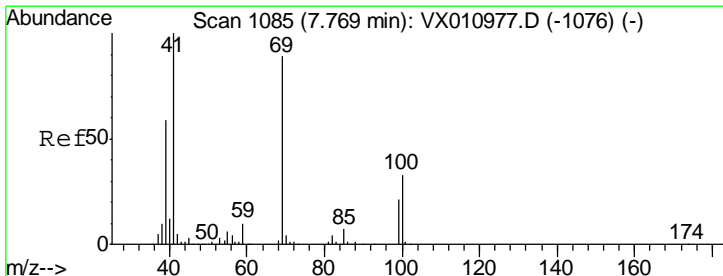
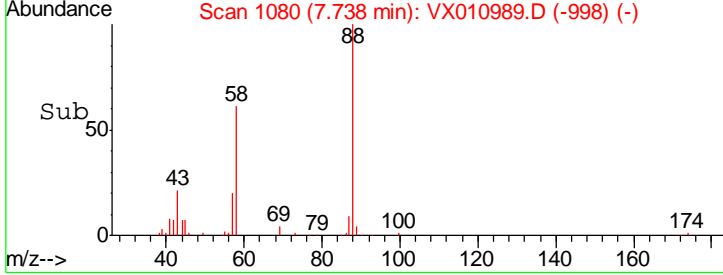
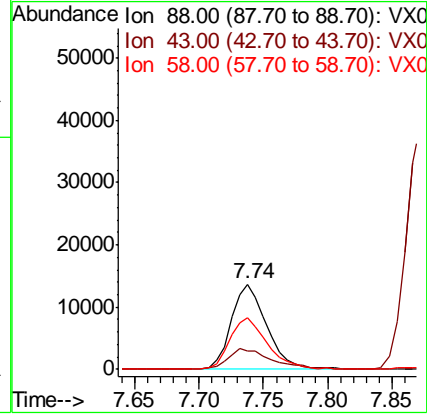
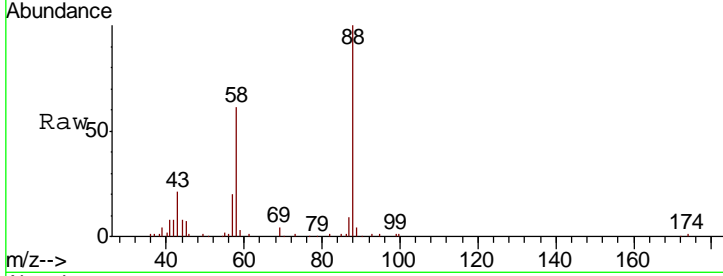




#45  
 1,4-Dioxane  
 Concen: 406.419 ug/l  
 RT: 7.74 min Scan# 1080  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

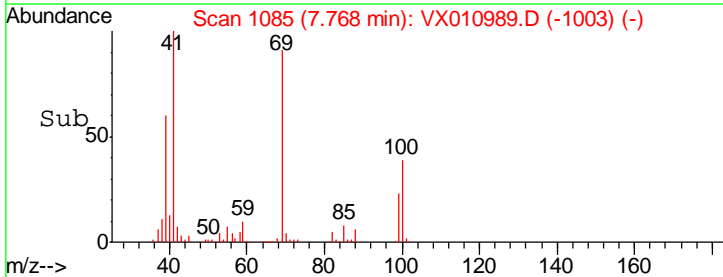
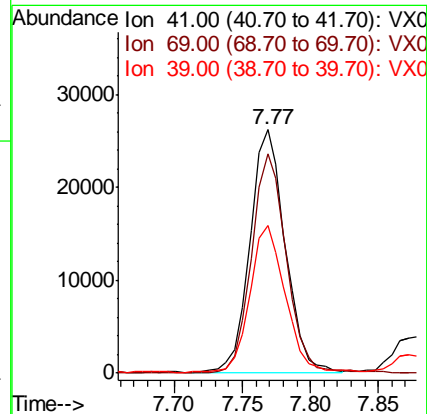
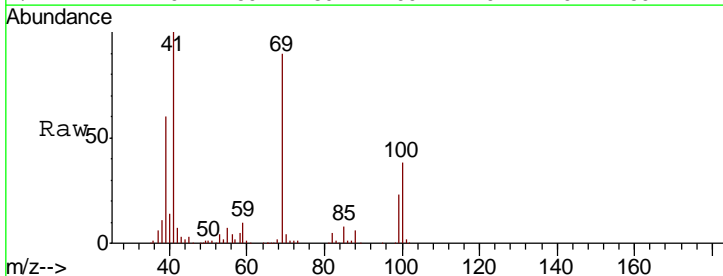
Instrument :  
 MSVOA\_X  
 ClientSampled :

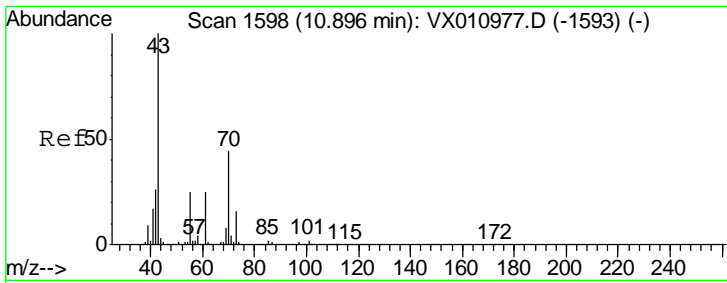
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 26095 |       |       |
| 43      | 30.2  | 21.6  | 32.4  |
| 58      | 64.4  | 52.2  | 78.2  |



#46  
 Methyl methacrylate  
 Concen: 19.705 ug/l  
 RT: 7.77 min Scan# 1085  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 47181 |       |       |
| 69      | 90.6  | 44.7  | 134.1 |
| 39      | 60.0  | 29.4  | 88.2  |

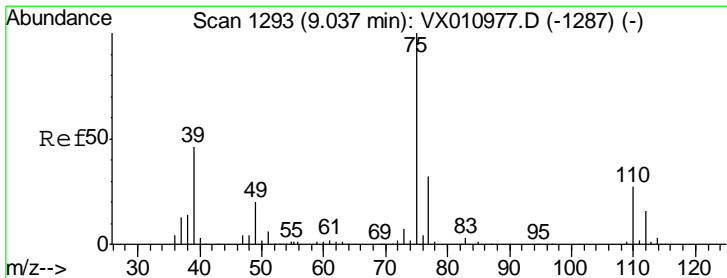
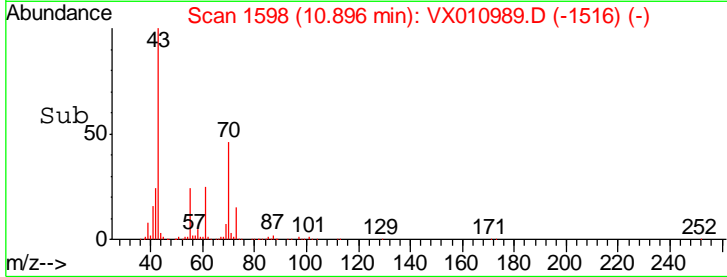
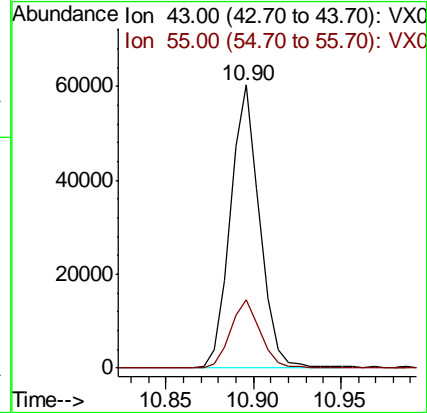
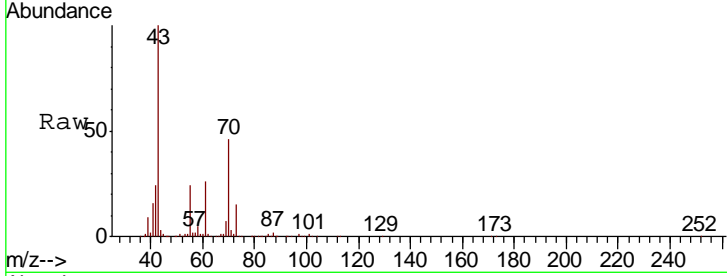




#47  
 n-amyl Acetate  
 Concen: 15.833 ug/l  
 RT: 10.90 min Scan# 1598  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

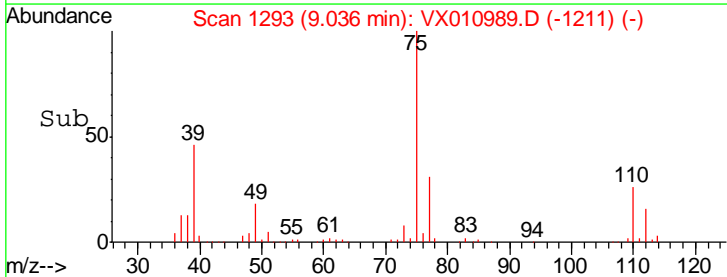
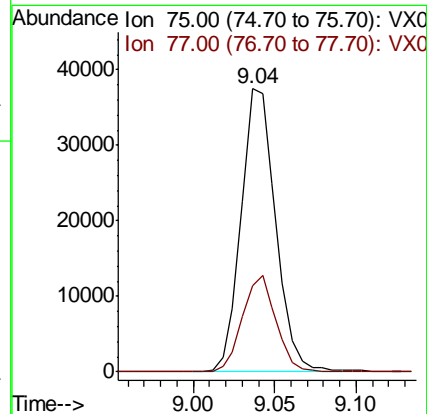
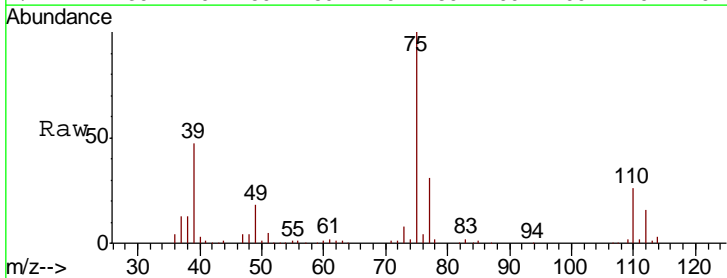
Instrument :  
 MSVOA\_X  
 ClientSampled :

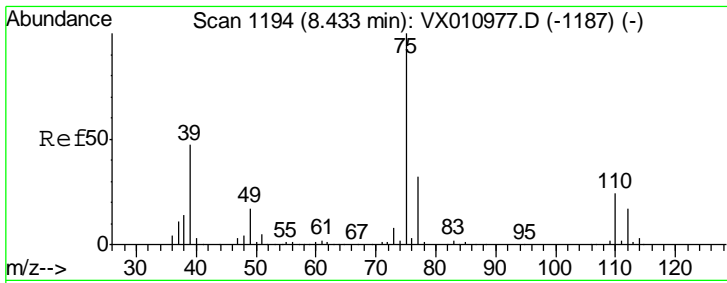
Tgt Ion: 43 Resp: 70050  
 Ion Ratio Lower Upper  
 43 100  
 55 24.7 19.6 29.4



#48  
 t-1,3-Dichloropropene  
 Concen: 17.929 ug/l  
 RT: 9.04 min Scan# 1293  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Tgt Ion: 75 Resp: 55438  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.7 38.5

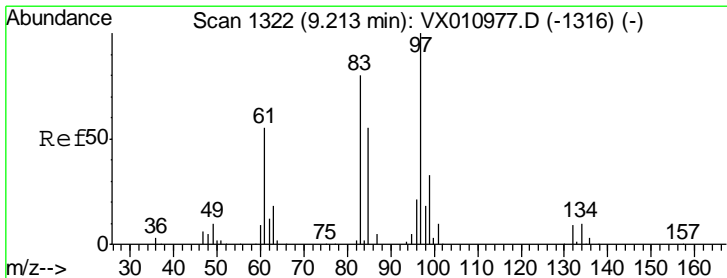
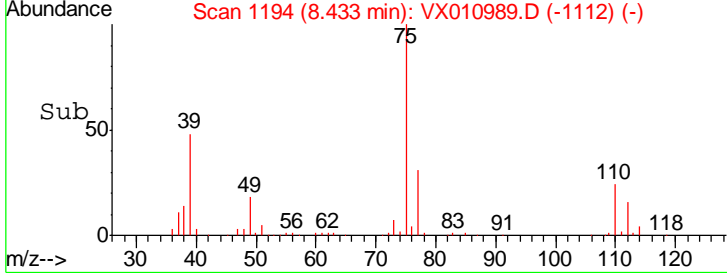
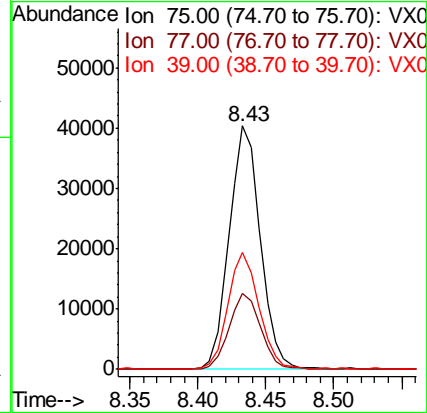
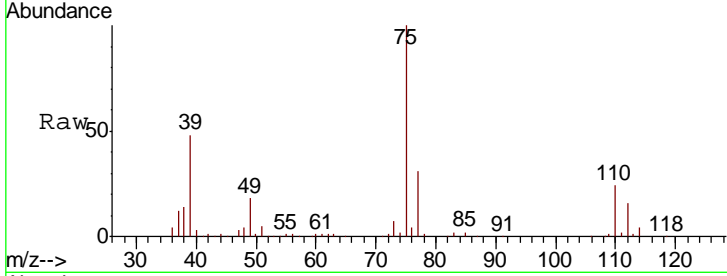




#49  
 cis-1,3-Dichloropropene  
 Concen: 19.055 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

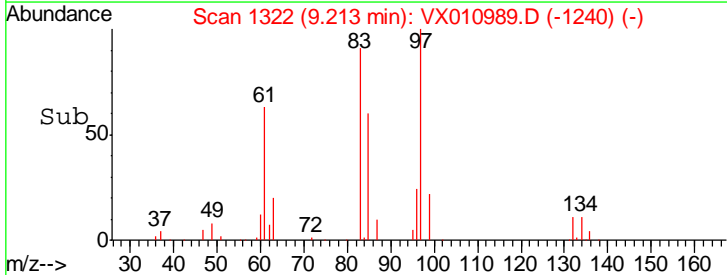
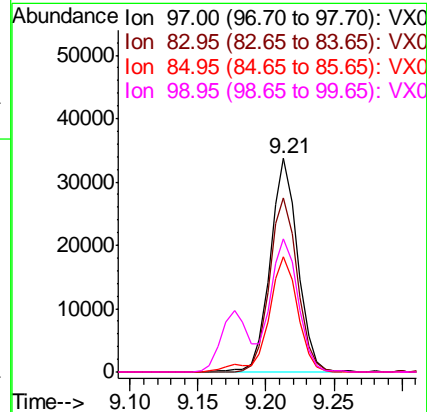
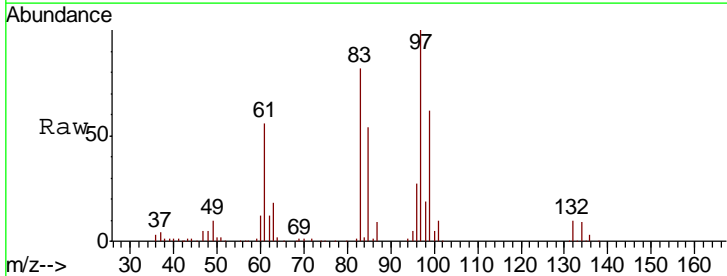
Instrument : MSVOA\_X  
 ClientSampled :

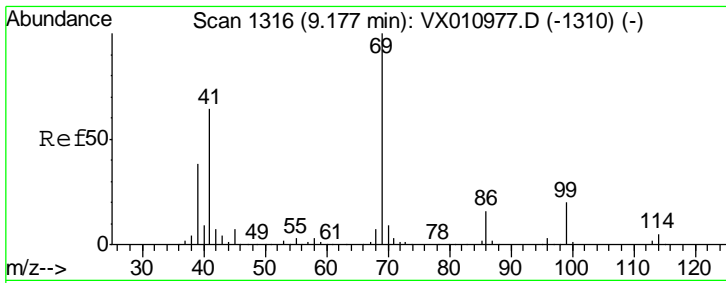
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 64298 |       |       |
| 77      | 30.9  | 25.3  | 37.9  |
| 39      | 47.9  | 37.8  | 56.6  |



#50  
 1,1,2-Trichloroethane  
 Concen: 20.303 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 47896 |       |       |
| 83      | 81.6  | 63.9  | 95.9  |
| 85      | 53.9  | 43.4  | 65.2  |
| 99      | 62.4  | 50.9  | 76.3  |



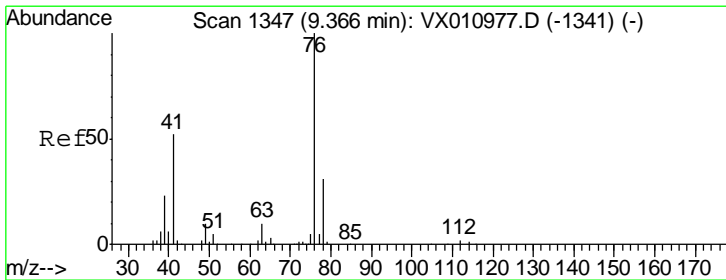
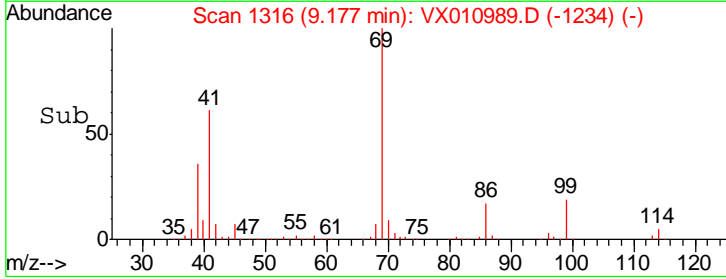
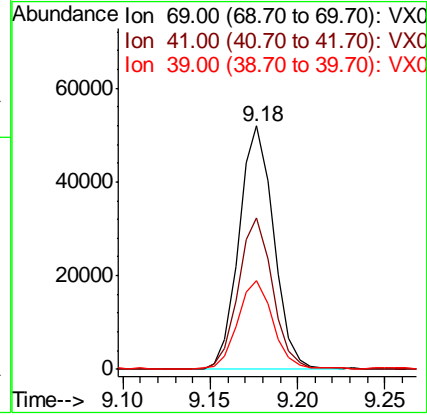
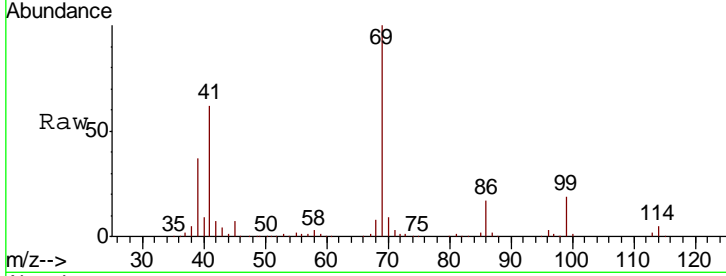


#51

Ethyl methacrylate  
 Concen: 19.613 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Instrument :  
 MSVOA\_X  
 ClientSampled :

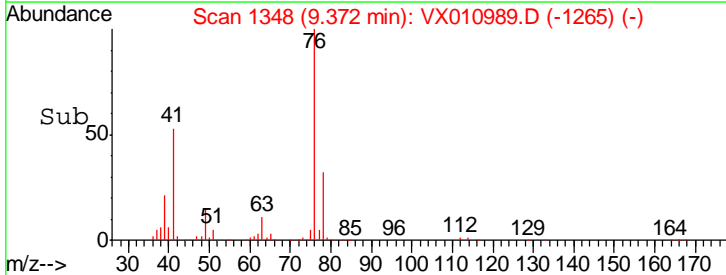
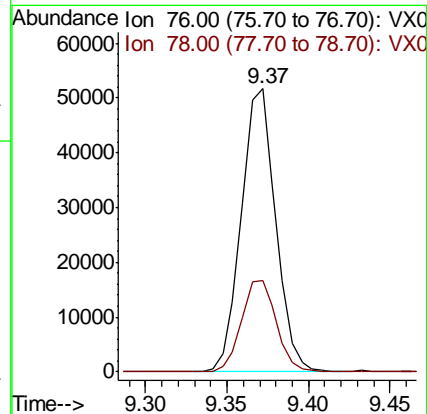
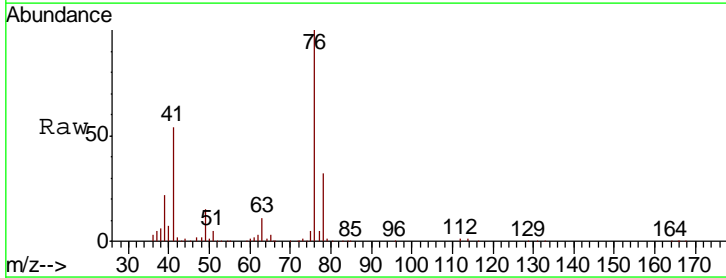
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 71556 |       |       |
| 41      | 61.9  | 32.1  | 96.3  |
| 39      | 36.3  | 19.1  | 57.3  |

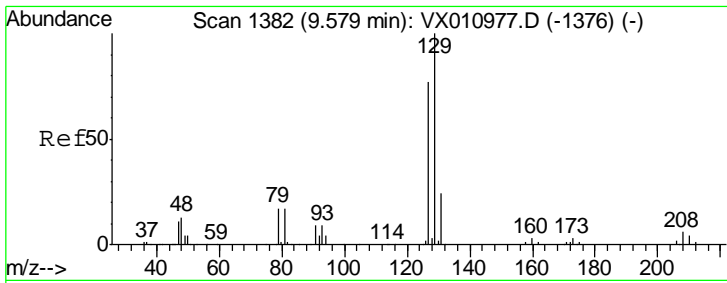


#52

1,3-Dichloropropane  
 Concen: 20.115 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 76254 |       |       |
| 78      | 32.8  | 0.0   | 63.8  |

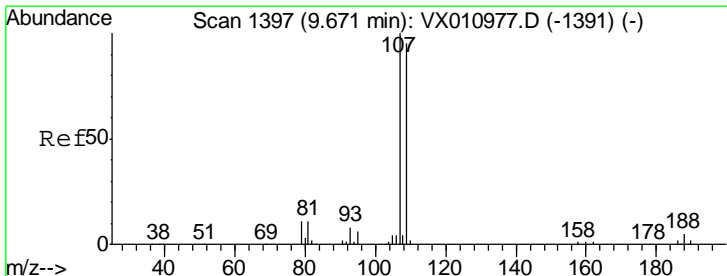
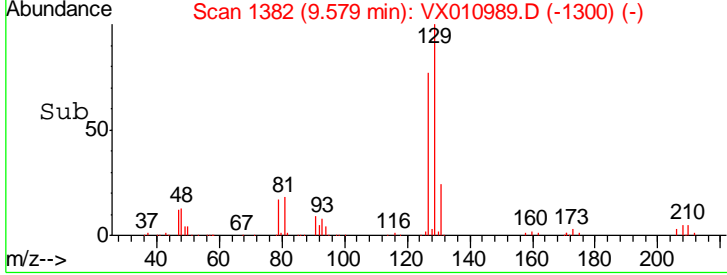
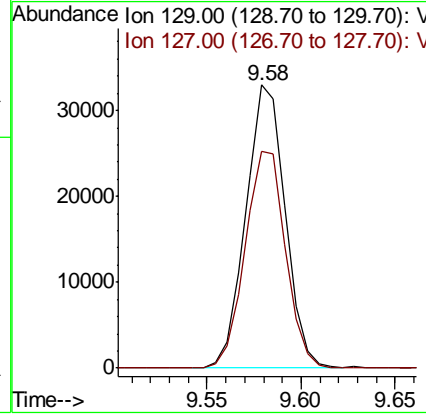
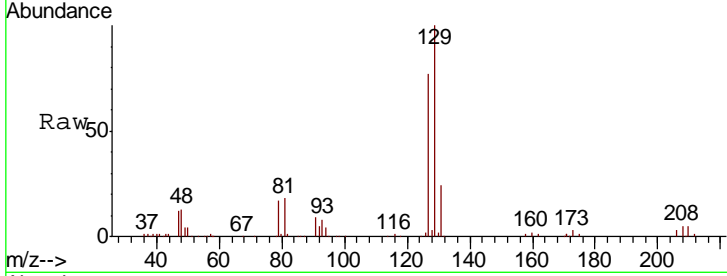




#53  
 Dibromochloromethane  
 Concen: 18.744 ug/l  
 RT: 9.58 min Scan# 1382  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

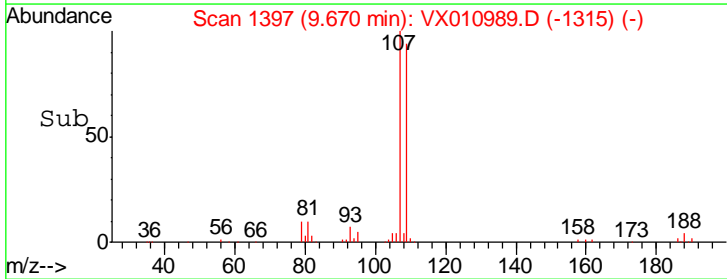
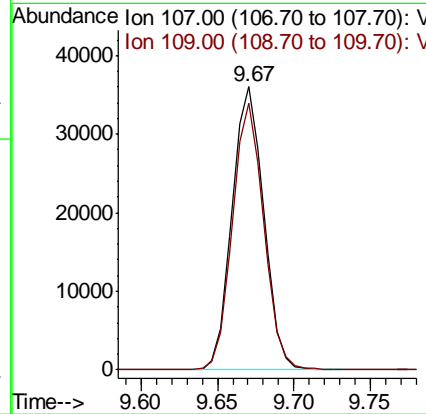
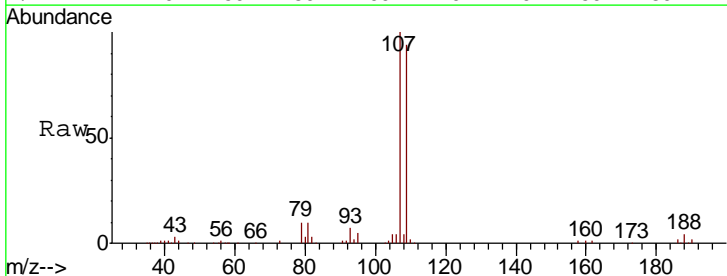
Instrument :  
 MSVOA\_X  
 ClientSampled :

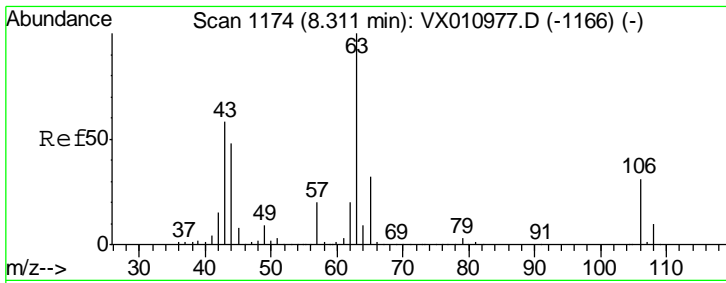
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 47755 |       |       |
| 127     | 78.5  | 38.1  | 114.3 |



#54  
 1,2-Dibromoethane  
 Concen: 20.131 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 51609 |       |       |
| 109     | 92.9  | 77.1  | 115.7 |

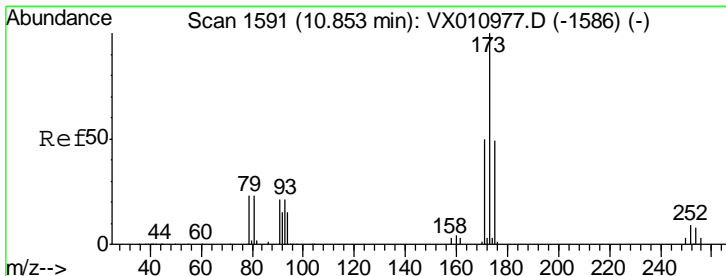
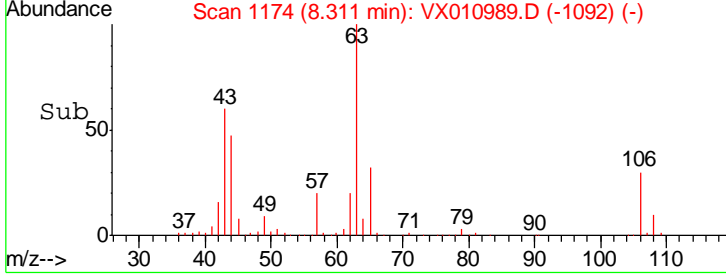
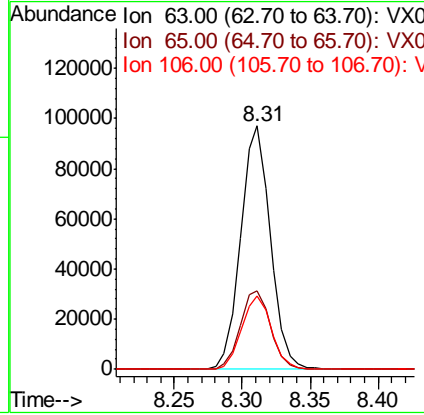
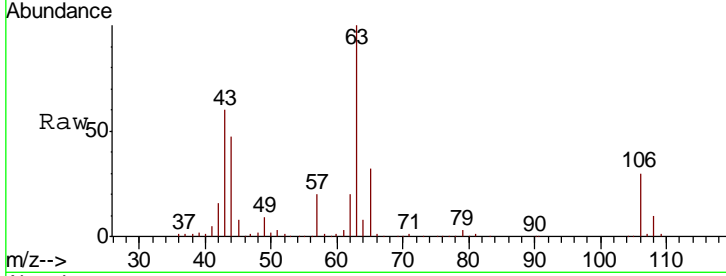




#55  
 2-Chloroethyl vinyl ether  
 Concen: 95.842 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

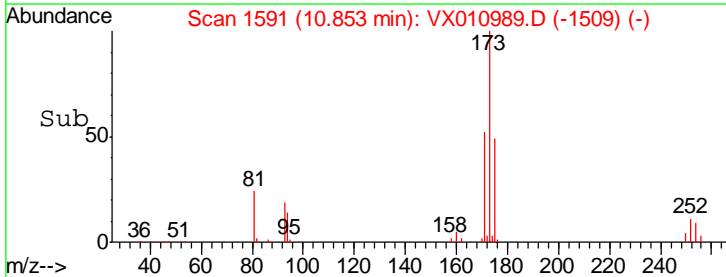
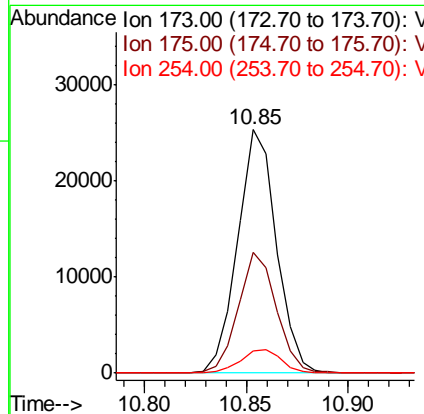
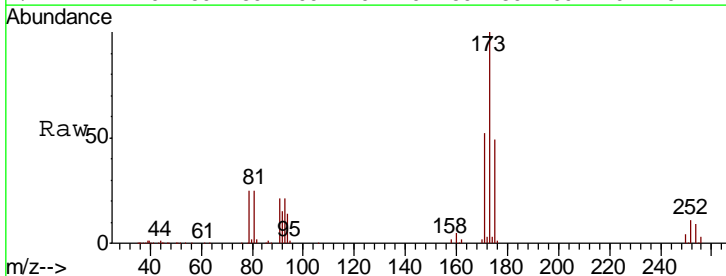
Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 63      | 148079 |       |       |
| 65      | 32.9   | 25.7  | 38.5  |
| 106     | 30.4   | 24.8  | 37.2  |

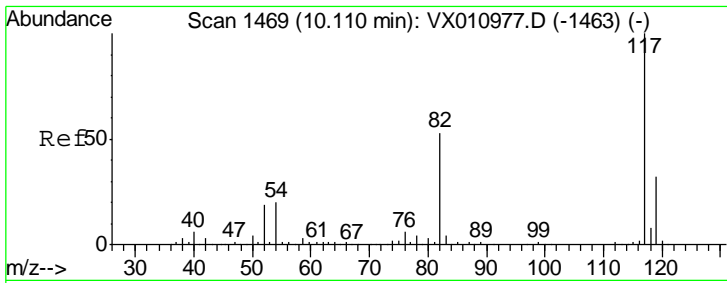


#56  
 Bromoform  
 Concen: 17.613 ug/l  
 RT: 10.85 min Scan# 1591  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 33421 |       |       |
| 175     | 48.6  | 39.0  | 58.6  |
| 254     | 10.2  | 7.9   | 11.9  |



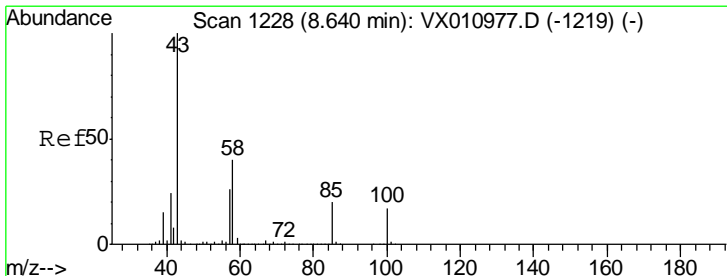
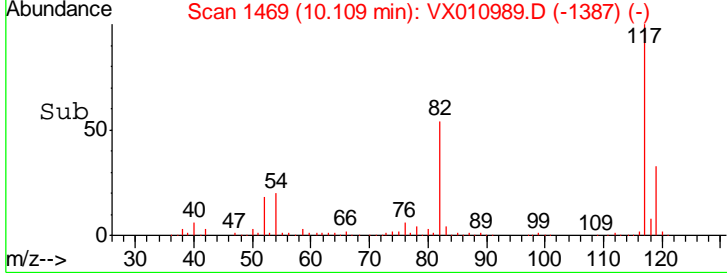
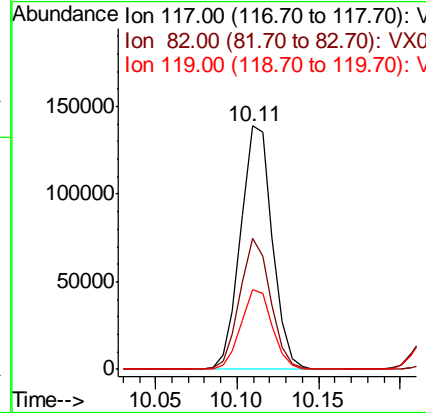
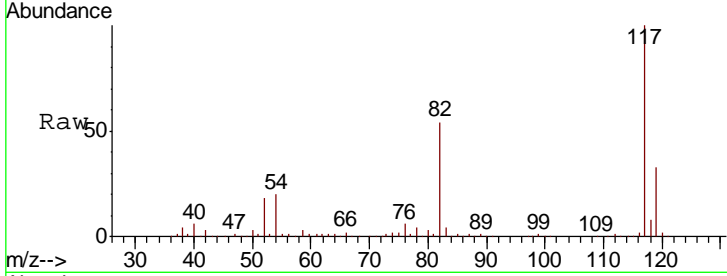




#57  
 Chlorobenzene-d5  
 Concen: 30.000 ug/l  
 RT: 10.11 min Scan# 1469  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

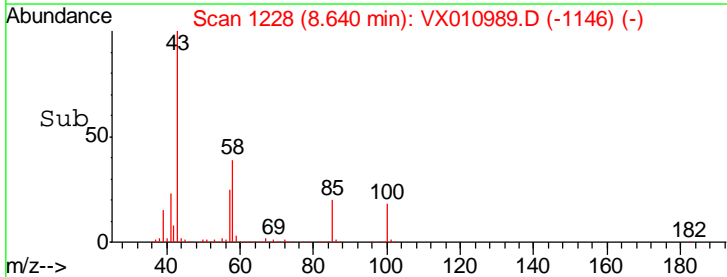
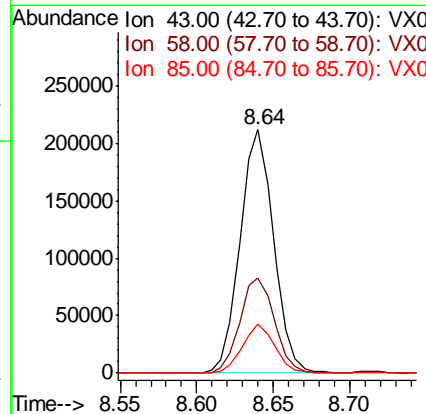
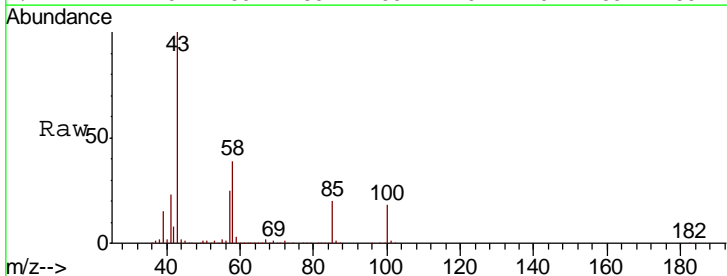
Instrument : MSVOA\_X  
 ClientSampled :

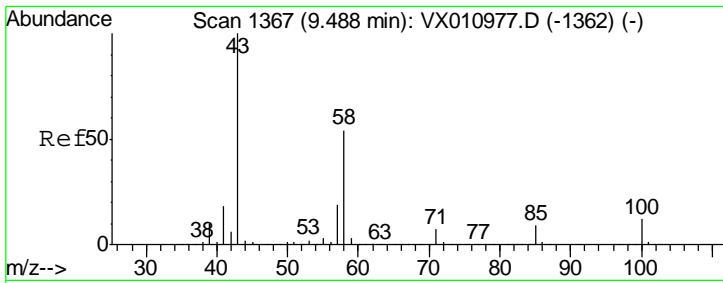
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 117     | 189041 |       |       |
| 82      | 52.2   | 41.6  | 62.4  |
| 119     | 32.5   | 26.0  | 39.0  |



#58  
 4-Methyl-2-Pentanone  
 Concen: 100.732 ug/l  
 RT: 8.64 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 43      | 321593 |       |       |
| 58      | 40.7   | 32.6  | 48.8  |
| 85      | 19.4   | 15.8  | 23.6  |

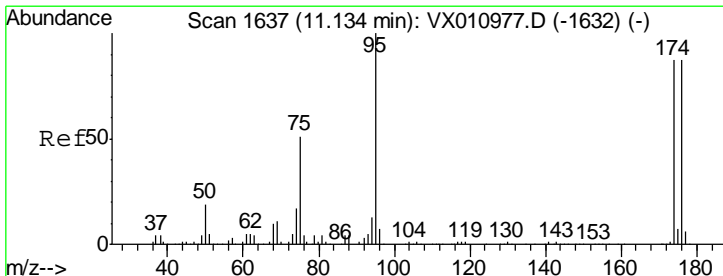
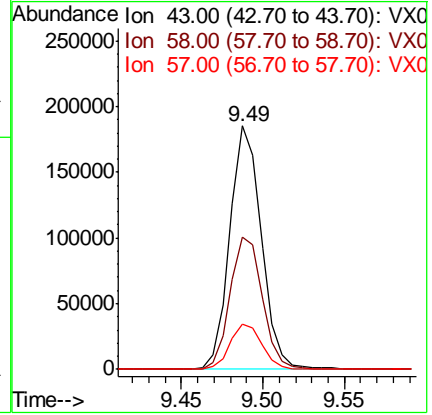
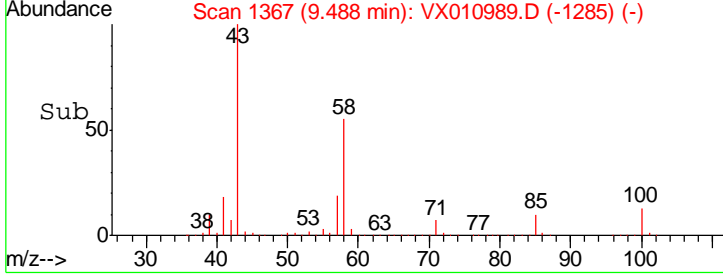
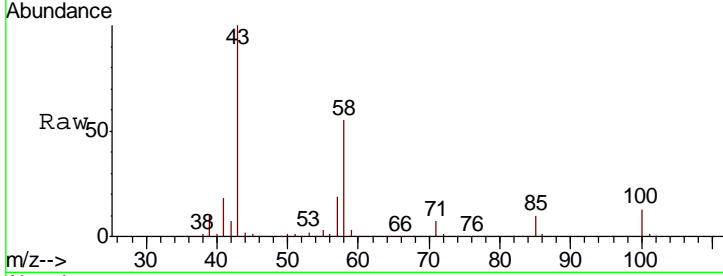




#59  
 2-Hexanone  
 Concen: 101.924 ug/l  
 RT: 9.49 min Scan# 1367  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

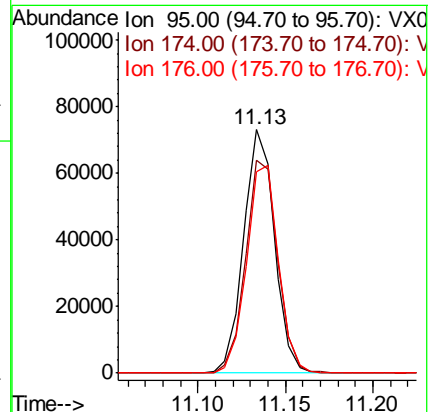
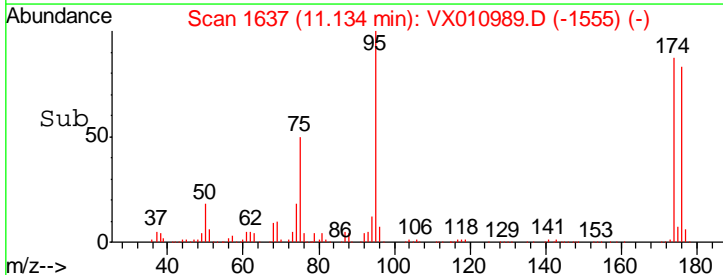
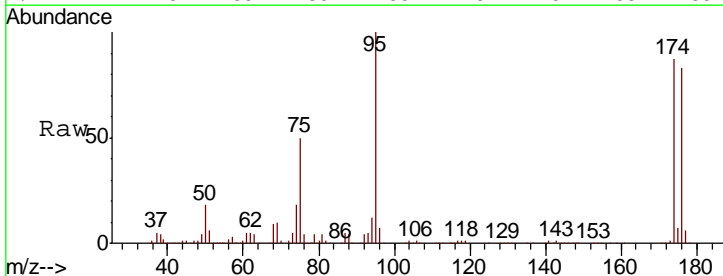
Instrument :  
 MSVOA\_X  
 ClientSampled :

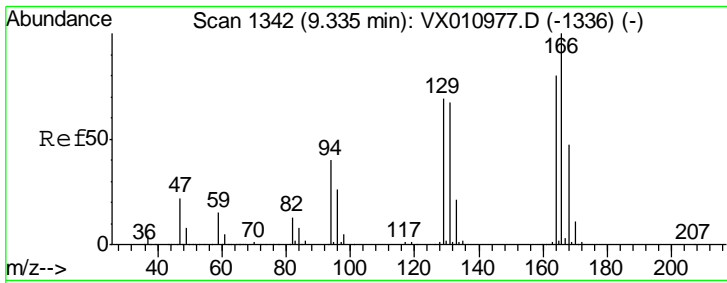
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 43      | 249000 |       |       |
| 58      | 55.5   | 44.7  | 67.1  |
| 57      | 19.0   | 15.4  | 23.2  |



#60  
 4-Bromofluorobenzene  
 Concen: 28.891 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 89891 |       |       |
| 174     | 90.3  | 73.3  | 109.9 |
| 176     | 87.8  | 71.2  | 106.8 |



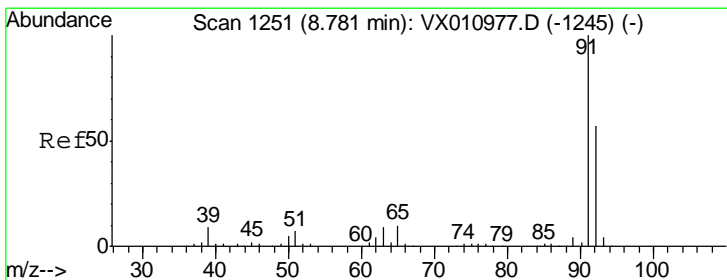
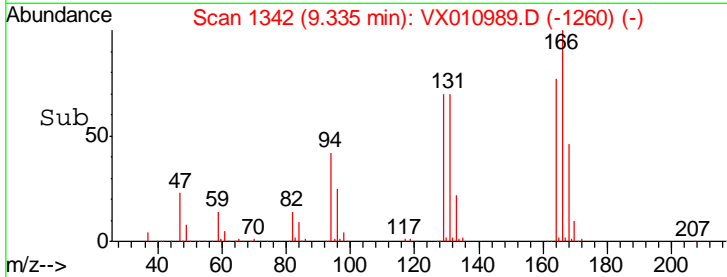
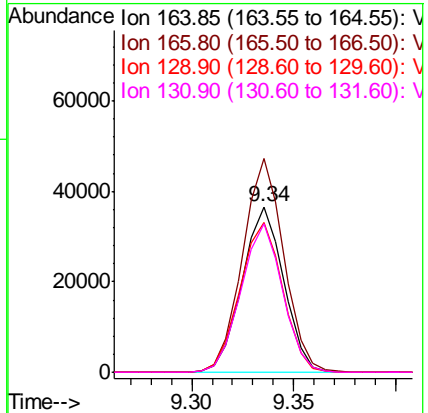
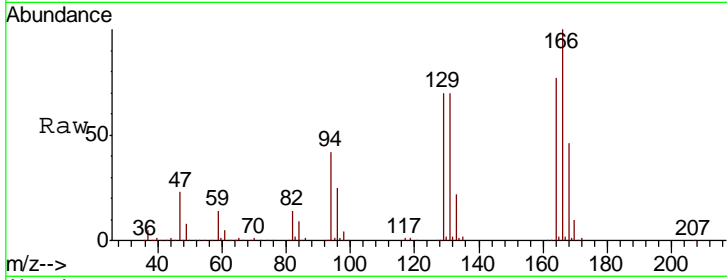


#61  
 Tetrachloroethene  
 Concen: 20.740 ug/l  
 RT: 9.34 min Scan# 1342  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion:164 Resp: 51766

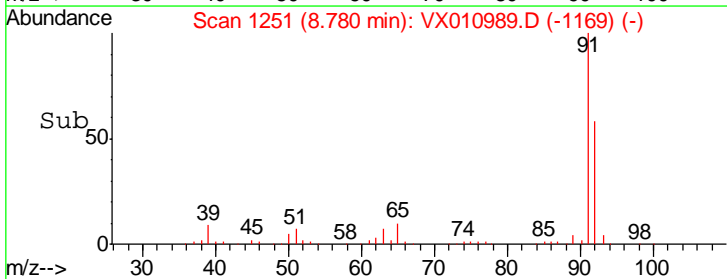
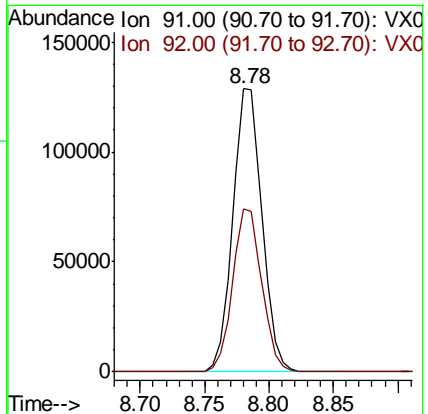
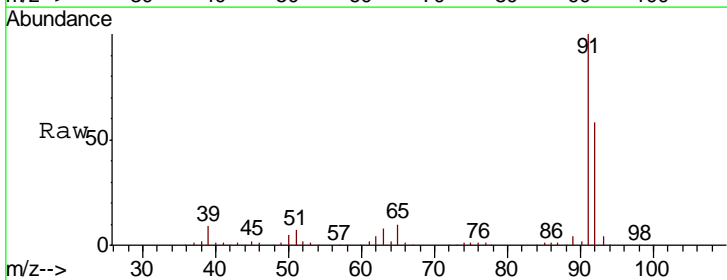
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 128.9 | 100.1 | 150.1 |
| 129 | 90.9  | 69.6  | 104.4 |
| 131 | 90.1  | 67.0  | 100.6 |

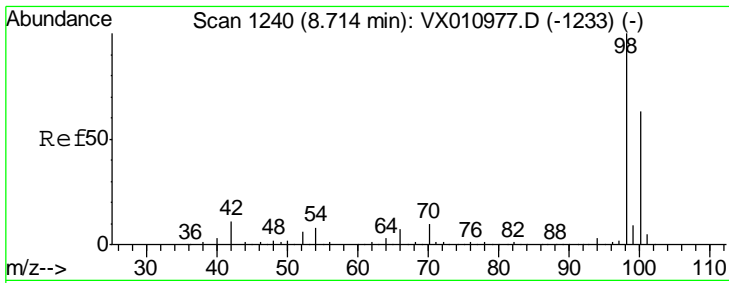


#62  
 Toluene  
 Concen: 20.258 ug/l  
 RT: 8.78 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Tgt Ion: 91 Resp: 203446

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 57.6  | 45.4  | 68.2  |

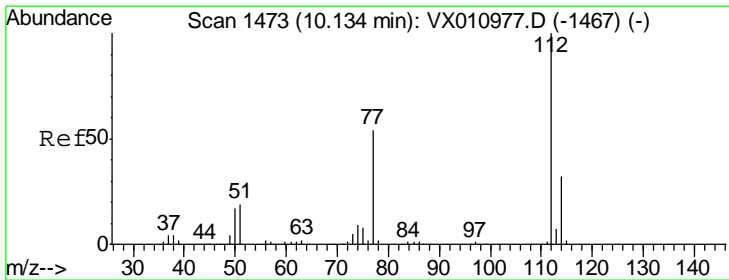
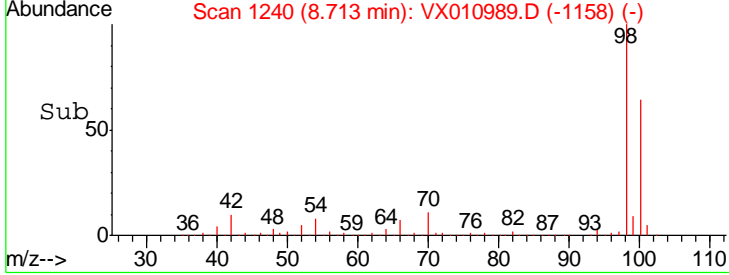
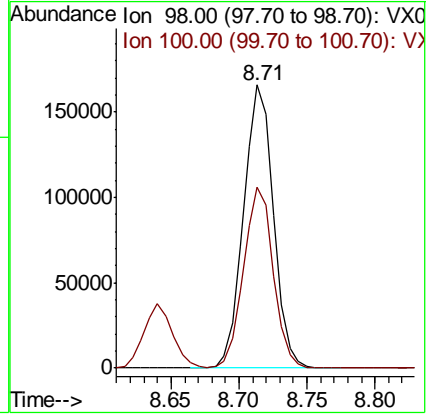
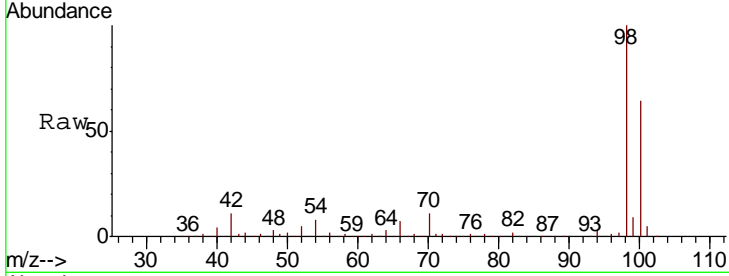




#63  
 Toluene-d8  
 Concen: 30.639 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

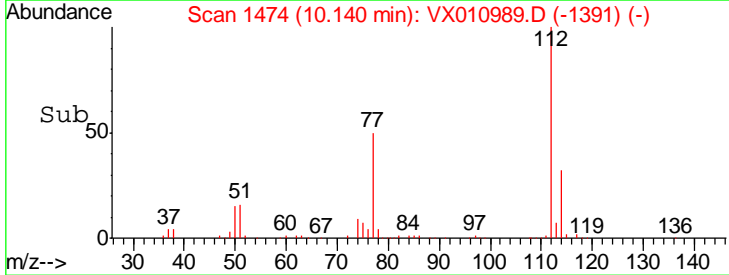
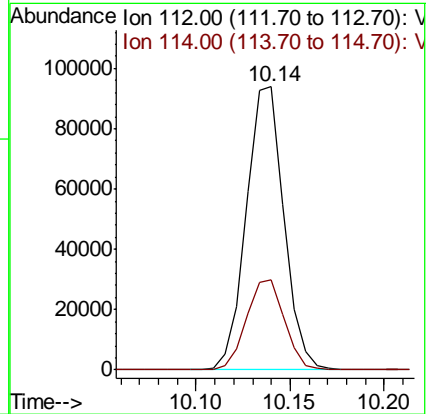
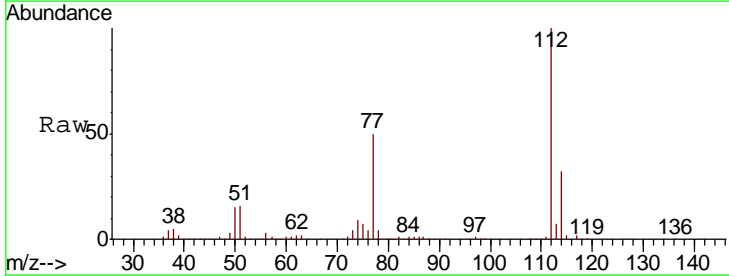
Instrument :  
 MSVOA\_X  
 ClientSampled :

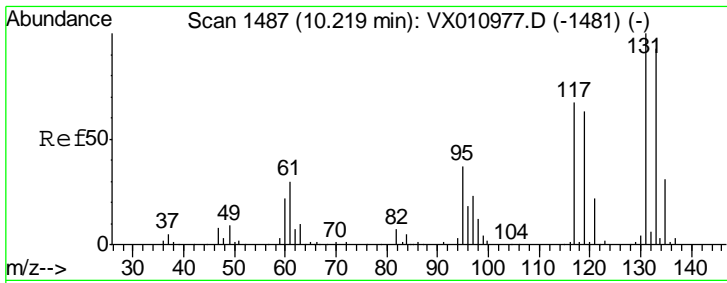
Tgt Ion: 98 Resp: 254579  
 Ion Ratio Lower Upper  
 98 100  
 100 63.0 51.4 77.0



#64  
 Chlorobenzene  
 Concen: 20.224 ug/l  
 RT: 10.14 min Scan# 1474  
 Delta R.T. 0.01 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Tgt Ion: 112 Resp: 130128  
 Ion Ratio Lower Upper  
 112 100  
 114 31.7 25.3 37.9

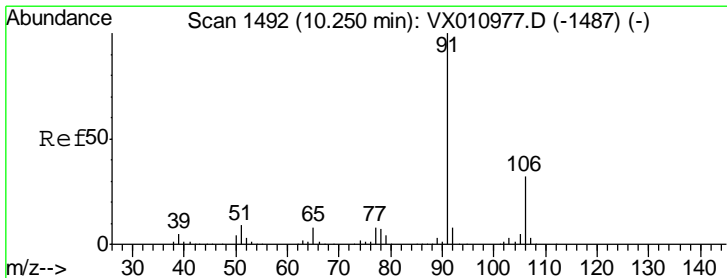
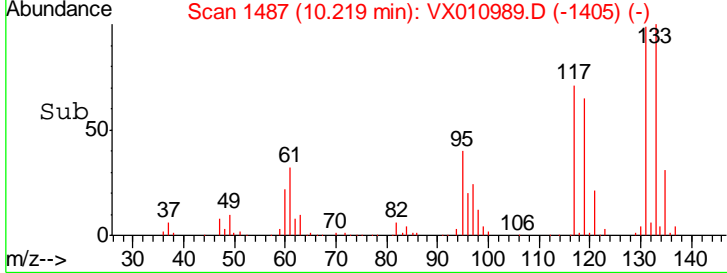
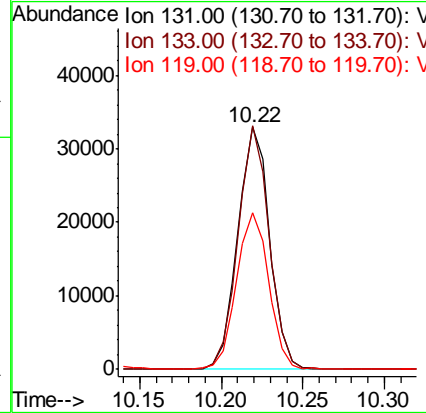
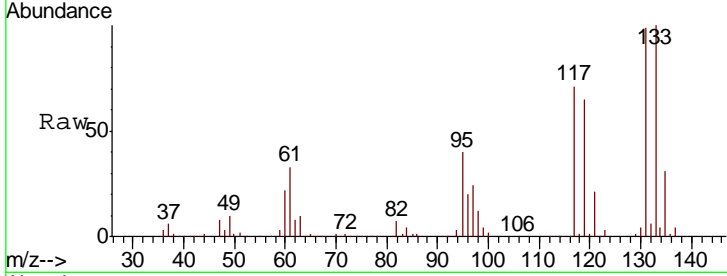




#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.174 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

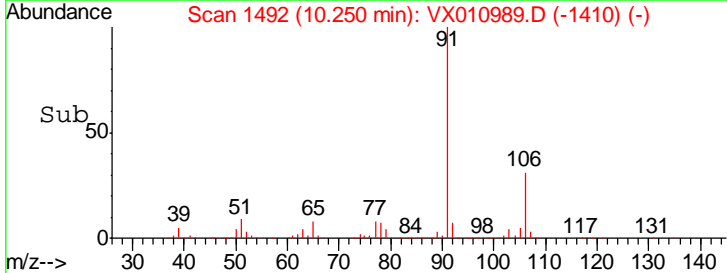
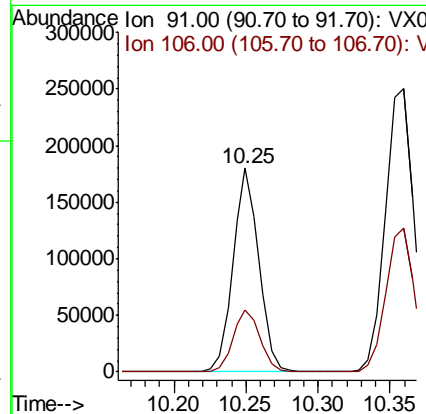
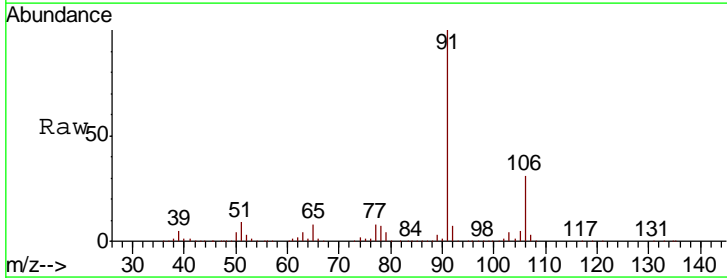
Instrument : MSVOA\_X  
 ClientSampled :

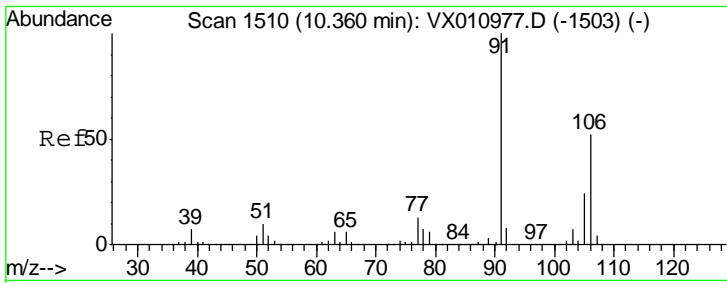
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 44838 |       |       |
| 133     | 97.9  | 0.0   | 190.2 |
| 119     | 65.6  | 0.0   | 127.0 |



#66  
 Ethyl Benzene  
 Concen: 19.907 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 225053 |       |       |
| 106     | 30.7   | 25.8  | 38.8  |

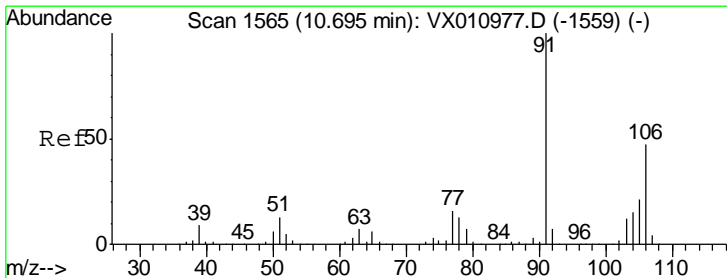
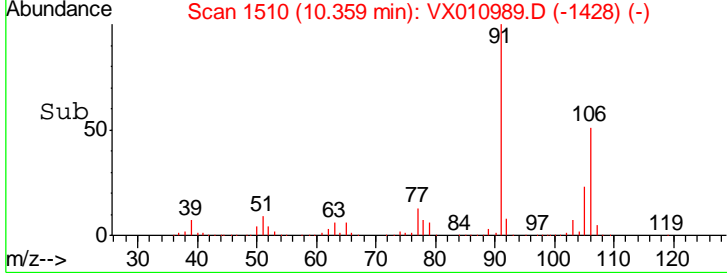
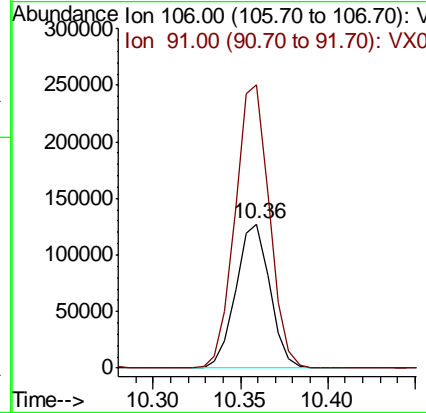
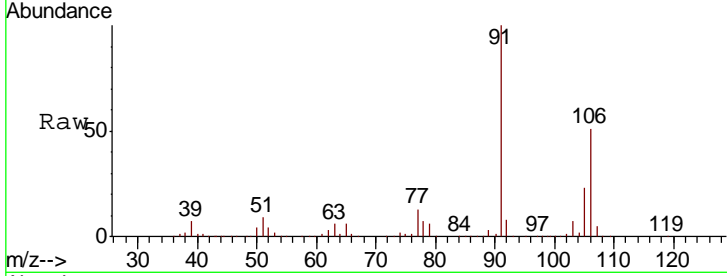




#67  
 m/p-Xylenes  
 Concen: 39.771 ug/l  
 RT: 10.36 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

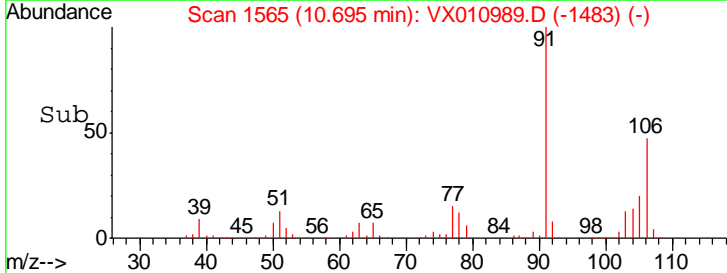
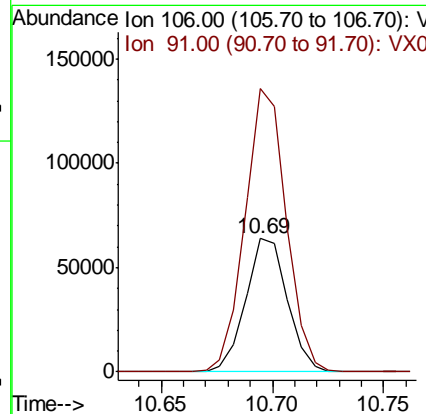
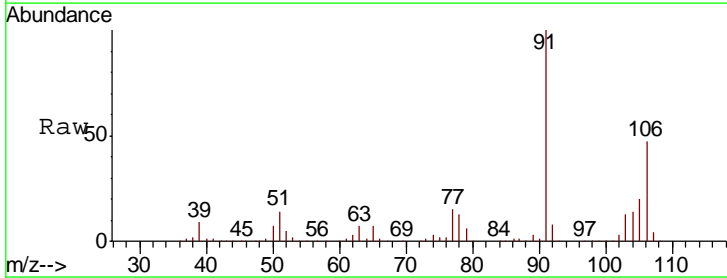
Instrument : MSVOA\_X  
 ClientSampled :

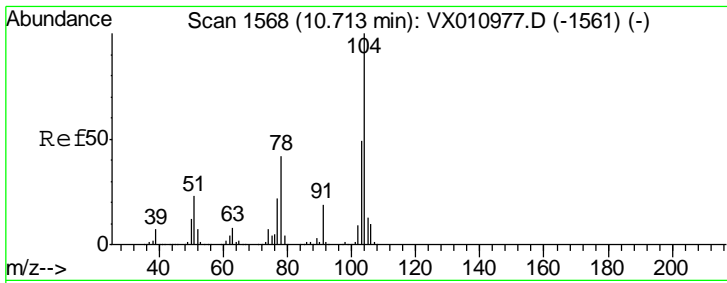
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 106     | 172026 |       |       |
| 91      | 197.6  | 156.6 | 235.0 |



#68  
 o-Xylene  
 Concen: 19.778 ug/l  
 RT: 10.69 min Scan# 1565  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 83822 |       |       |
| 91      | 209.5 | 104.0 | 312.0 |

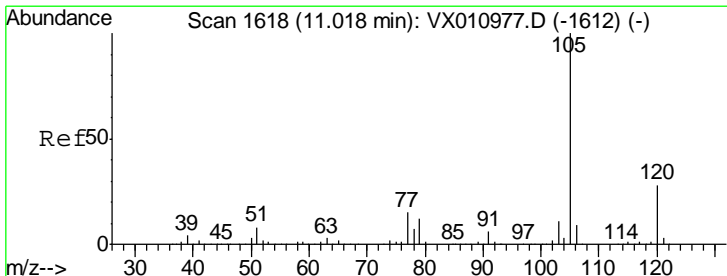
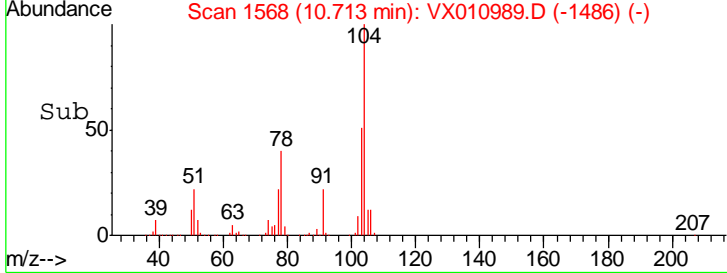
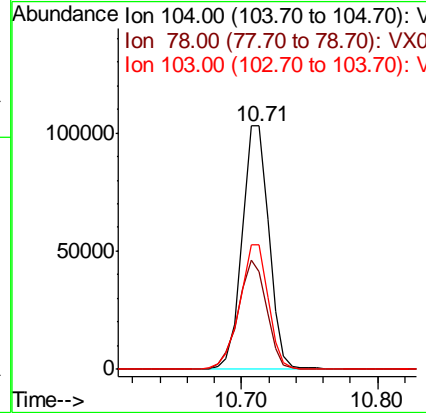
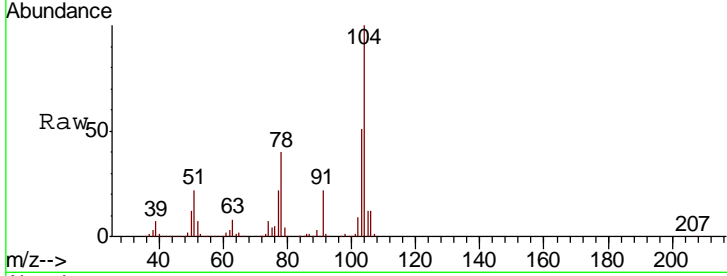




#69  
 Styrene  
 Concen: 19.856 ug/l  
 RT: 10.71 min Scan# 1568  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

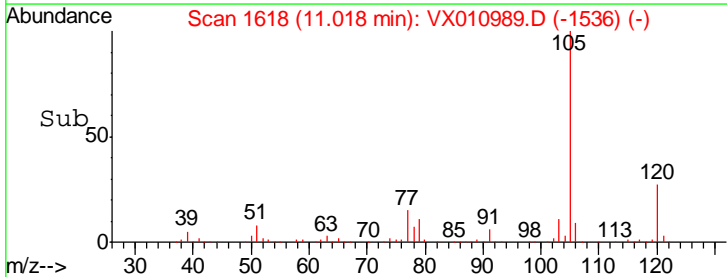
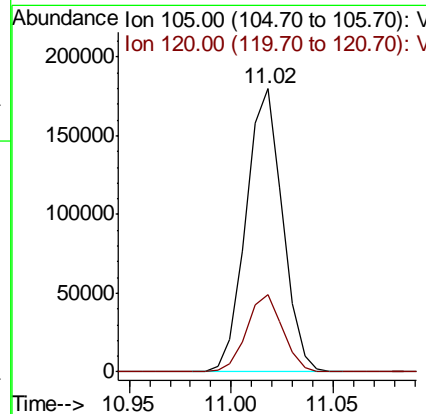
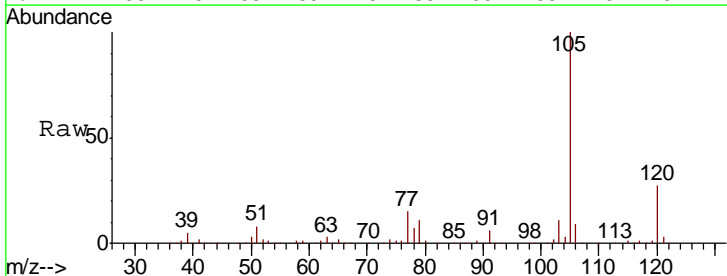
Instrument : MSVOA\_X  
 ClientSampled :

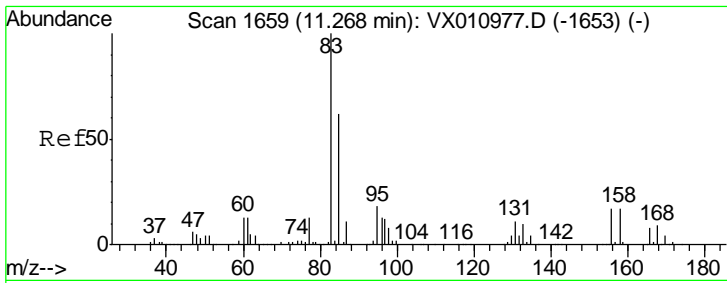
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 104     | 141457 |       |       |
| 78      | 47.6   | 38.5  | 57.7  |
| 103     | 54.6   | 44.6  | 67.0  |



#70  
 Isopropylbenzene  
 Concen: 19.879 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 105     | 224352 |       |       |
| 120     | 27.0   | 19.4  | 36.0  |

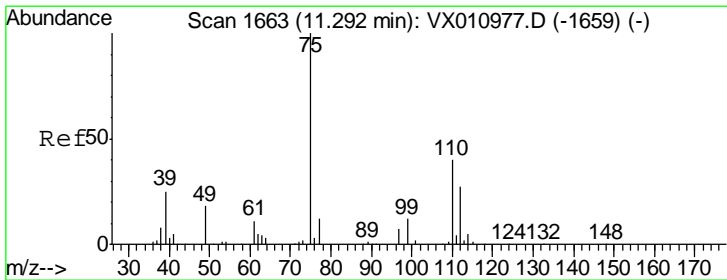
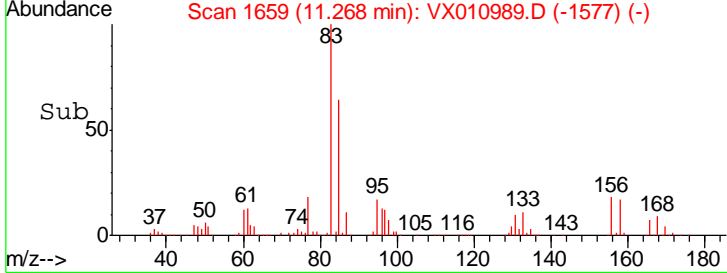
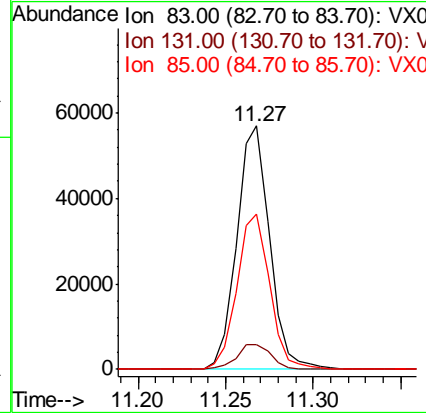
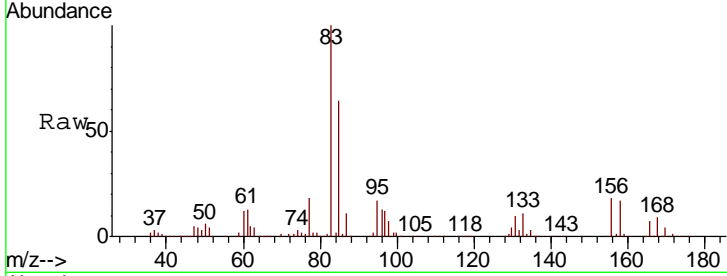




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.441 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

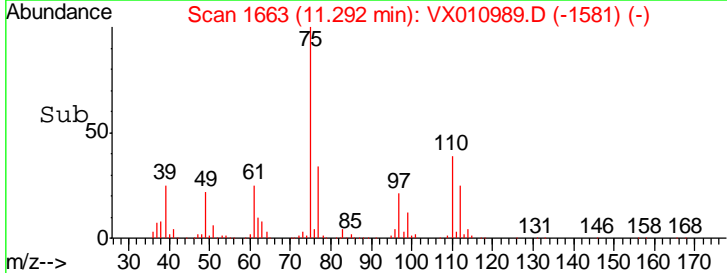
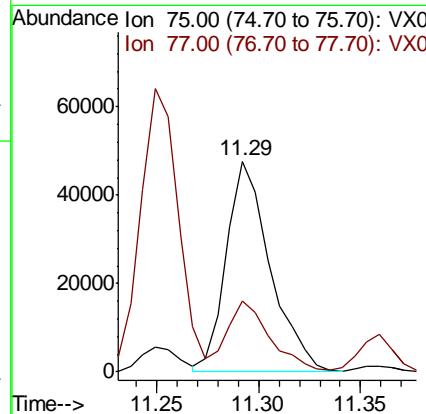
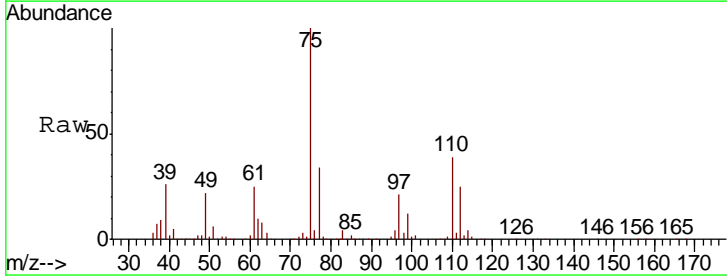
Instrument : MSVOA\_X  
 ClientSampled :

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83      | 100  |       |       |
| 131     | 10.6 | 5.5   | 16.4  |
| 85      | 63.9 | 32.1  | 96.3  |

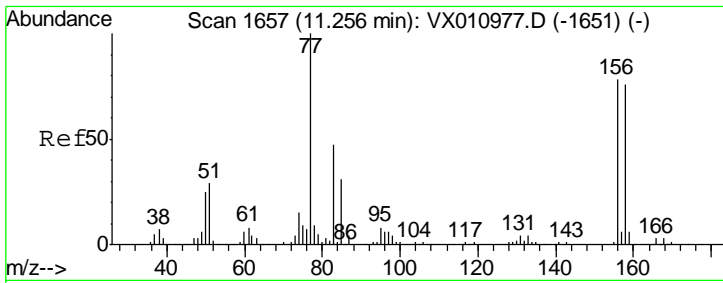


#72  
 1,2,3-Trichloropropane  
 Concen: 23.503 ug/l  
 RT: 11.29 min Scan# 1663  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75      | 100  |       |       |
| 77      | 32.8 | 0.0   | 84.0  |



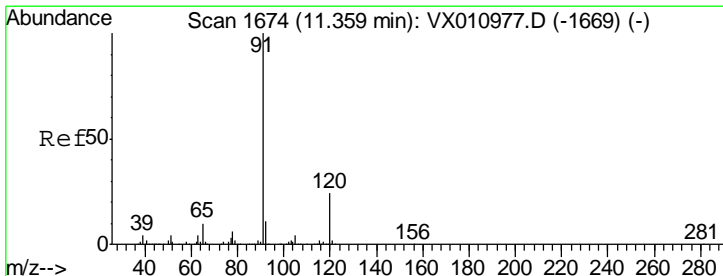
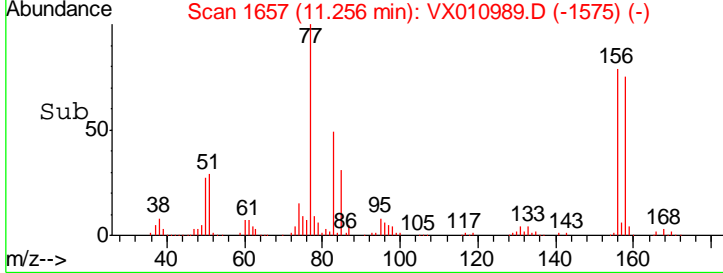
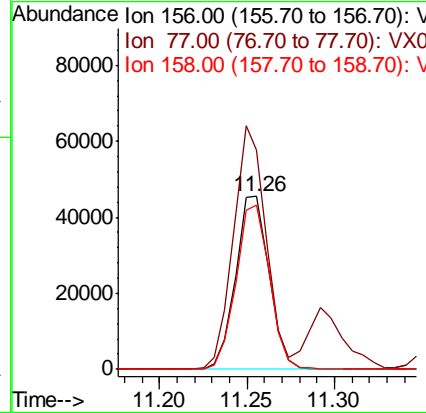
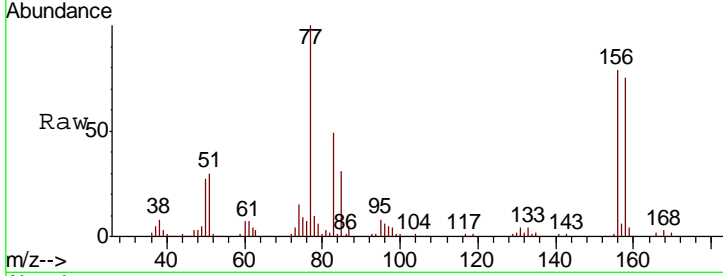




#73  
 Bromobenzene  
 Concen: 19.930 ug/l  
 RT: 11.26 min Scan# 1657  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

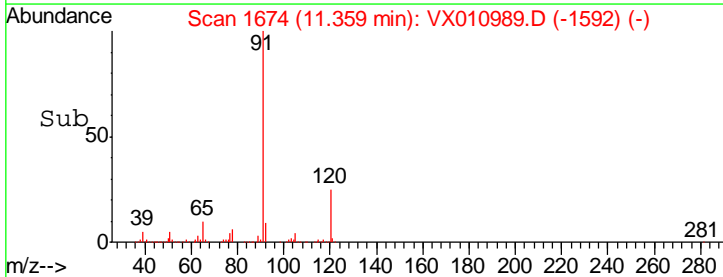
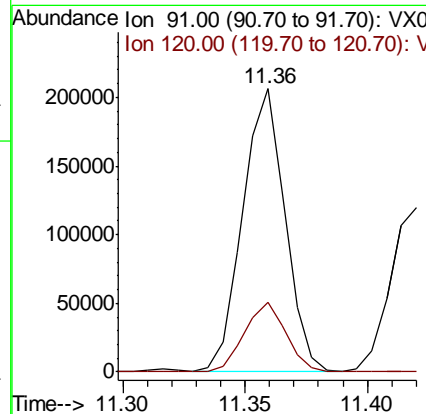
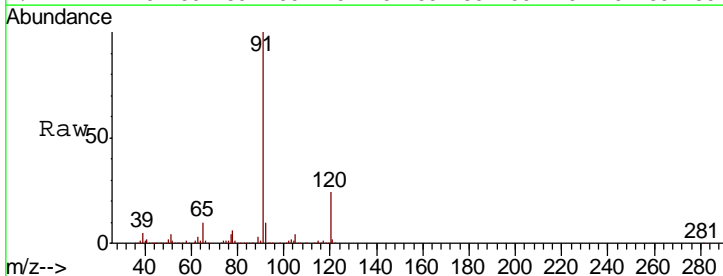
Instrument :  
 MSVOA\_X  
 ClientSampled :

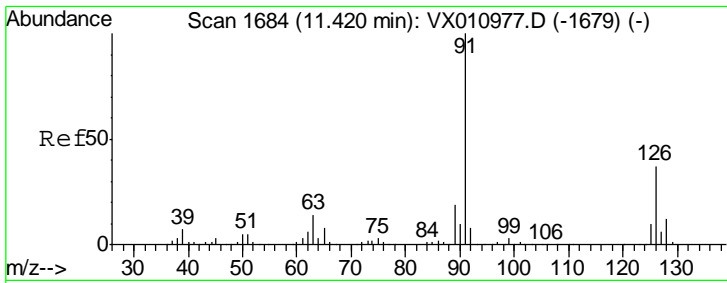
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 60687 |       |       |
| 77      | 135.9 | 0.0   | 275.8 |
| 158     | 94.8  | 0.0   | 195.2 |



#74  
 n-propylbenzene  
 Concen: 19.606 ug/l  
 RT: 11.36 min Scan# 1674  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 249032 |       |       |
| 120     | 24.0   | 0.0   | 47.6  |

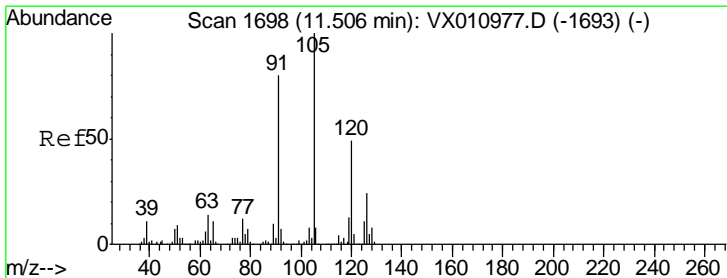
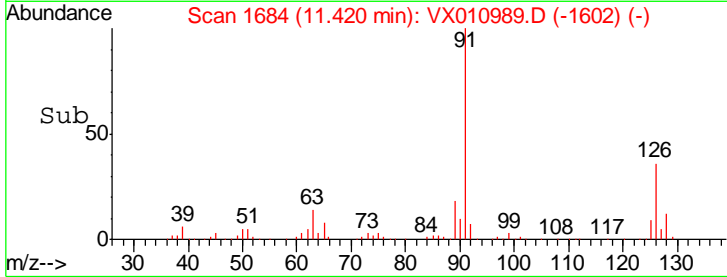
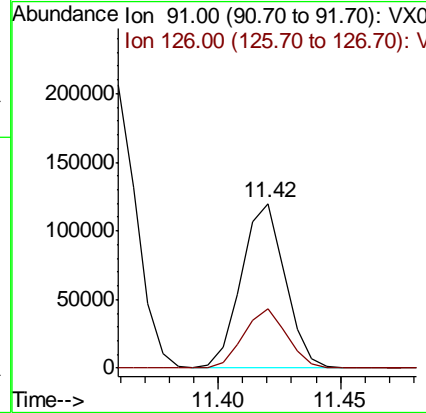
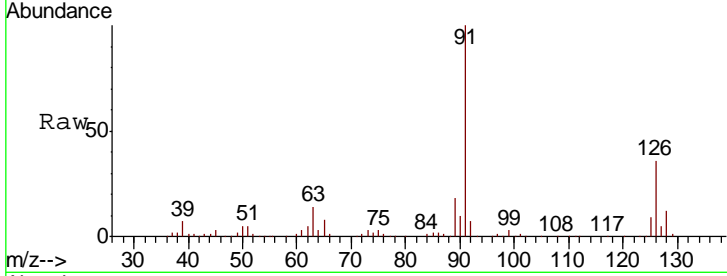




#75  
 2-Chlorotoluene  
 Concen: 19.810 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

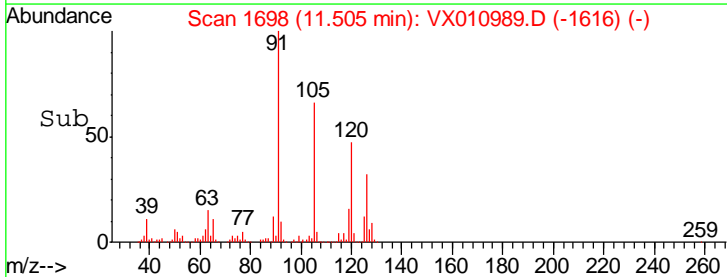
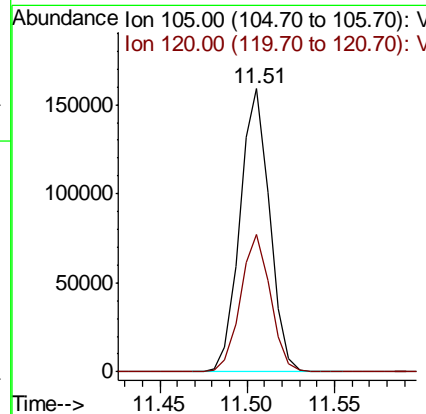
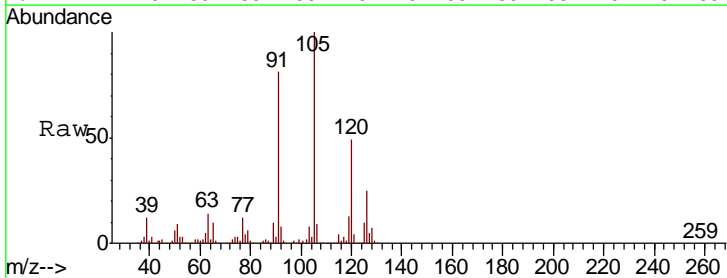
Instrument :  
 MSVOA\_X  
 ClientSampled :

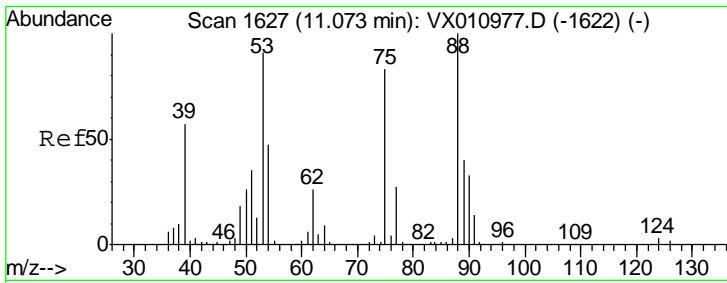
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 149863 |       |       |
| 126     | 35.6   | 0.0   | 72.4  |



#76  
 1,3,5-Trimethylbenzene  
 Concen: 19.587 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 105     | 187107 |       |       |
| 120     | 49.1   | 0.0   | 96.6  |

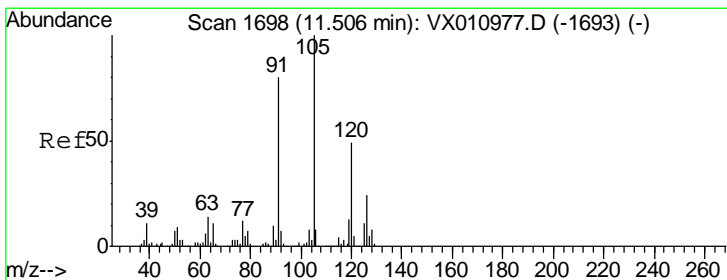
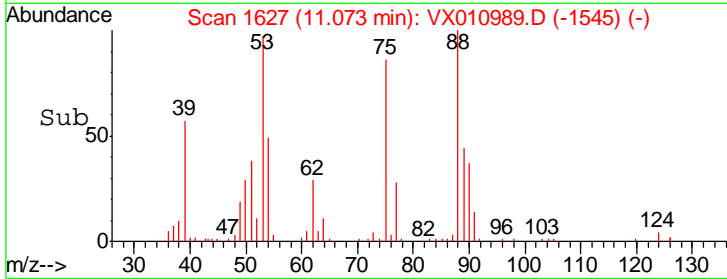
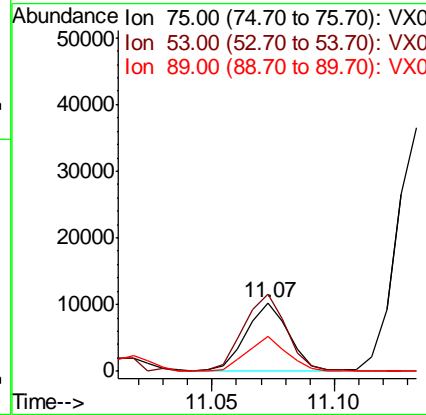
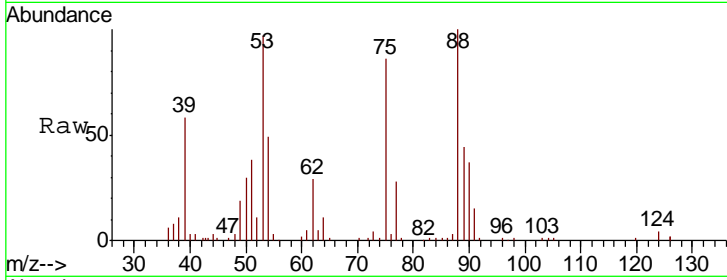




#77  
 t-1,4-Dichloro-2-butene  
 Concen: 12.566 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

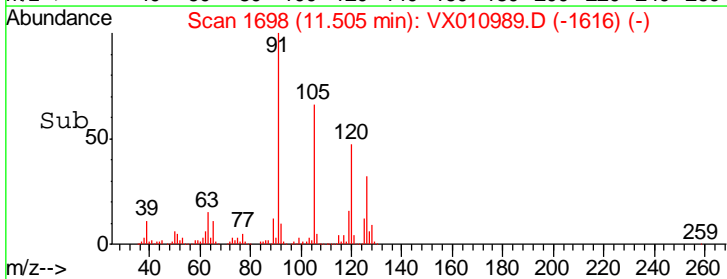
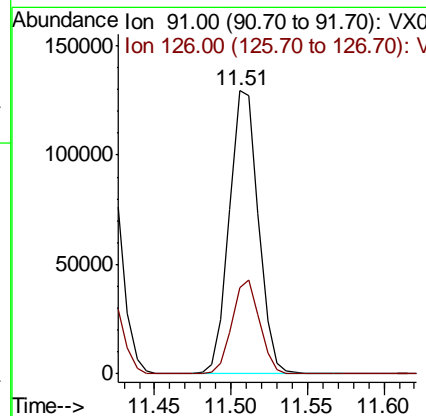
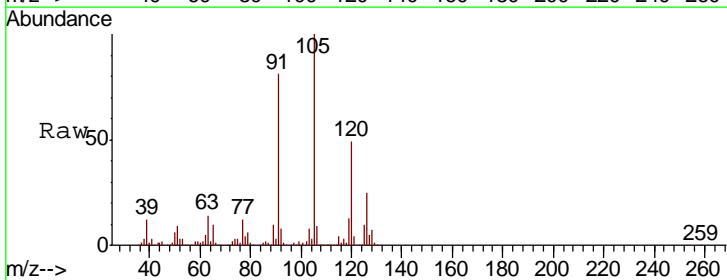
Instrument :  
 MSVOA\_X  
 ClientSampled :

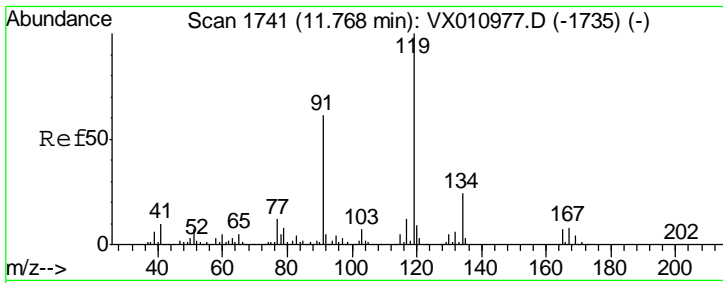
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 12594 |       |       |
| 75      | 100   |       |       |
| 53      | 113.0 | 54.8  | 164.3 |
| 89      | 51.1  | 24.6  | 73.6  |



#78  
 4-Chlorotoluene  
 Concen: 19.652 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 170742 |       |       |
| 91      | 100    |       |       |
| 126     | 31.3   | 0.0   | 63.6  |

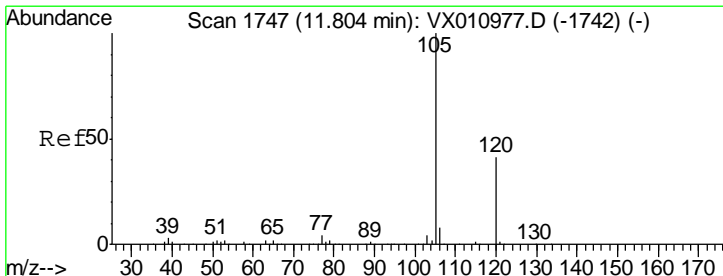
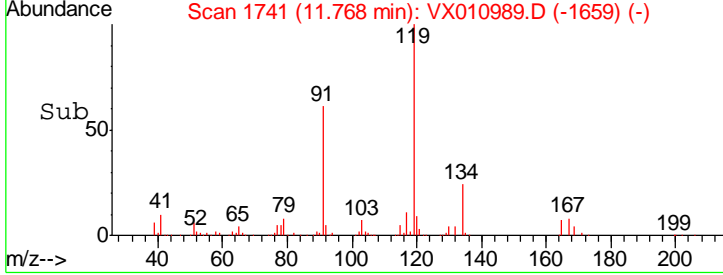
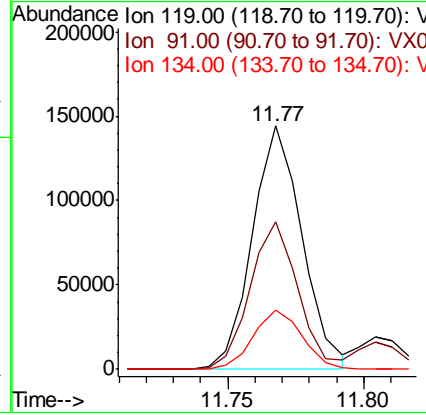
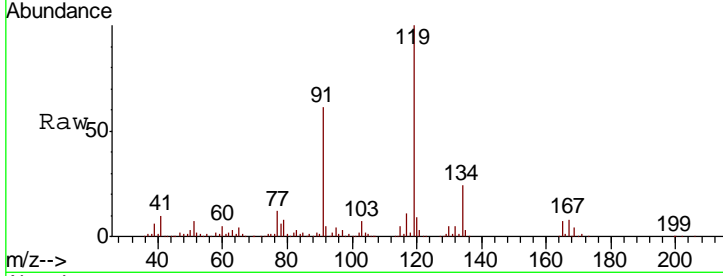




#79  
 tert-butylbenzene  
 Concen: 19.693 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

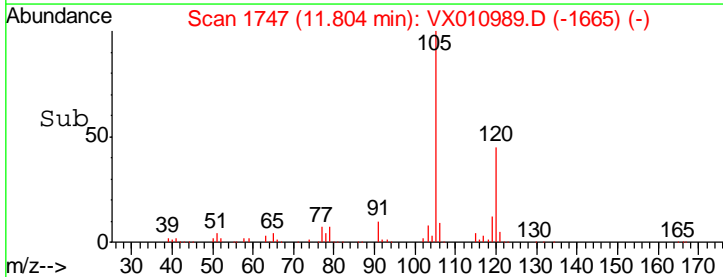
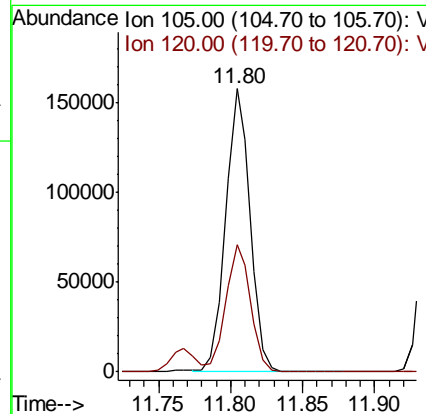
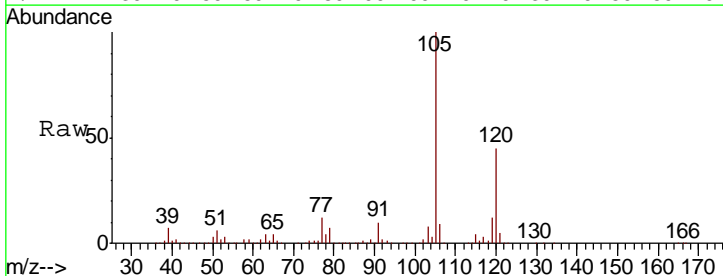
Instrument : MSVOA\_X  
 ClientSampled :

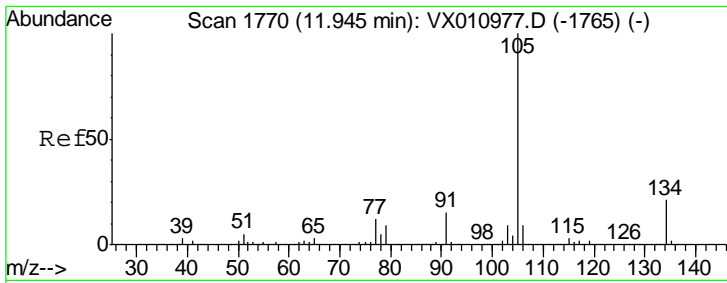
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 119     | 182470 |       |       |
| 91      | 58.7   | 0.0   | 118.4 |
| 134     | 24.1   | 0.0   | 47.4  |



#80  
 1,2,4-Trimethylbenzene  
 Concen: 19.603 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 105     | 188575 |       |       |
| 120     | 45.7   | 0.0   | 91.6  |

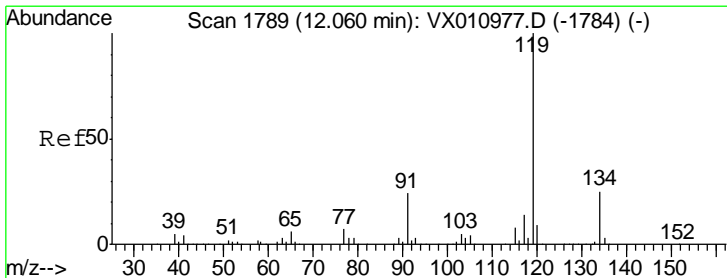
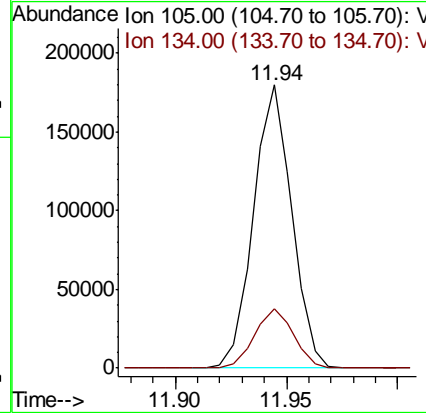
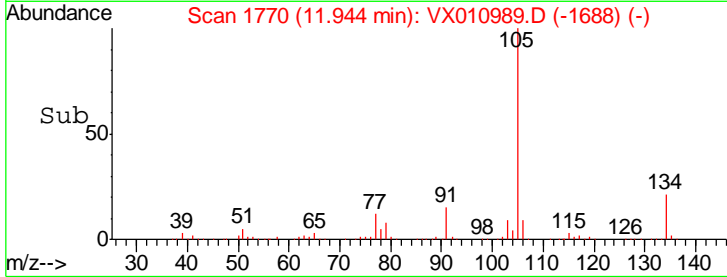
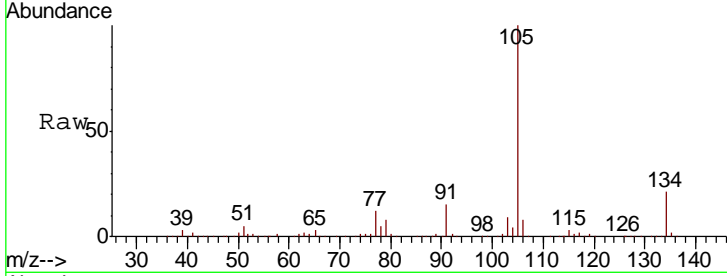




#81  
 sec-Butylbenzene  
 Concen: 19.744 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

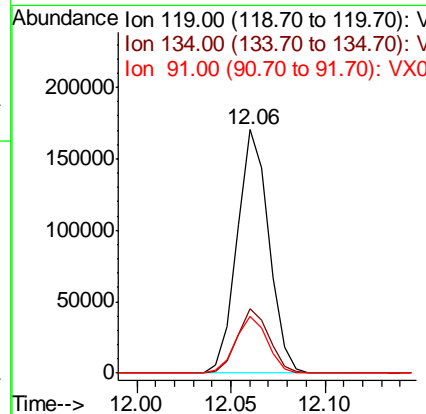
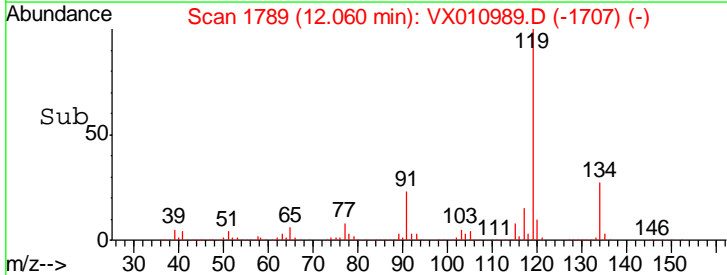
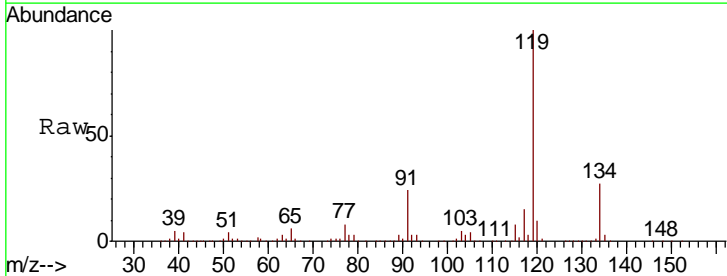
Instrument :  
 MSVOA\_X  
 ClientSampled :

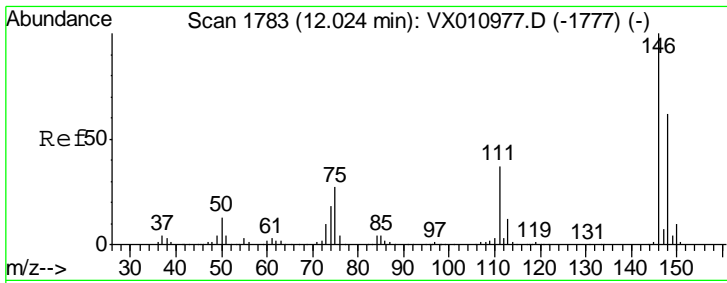
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 134     | 21.2 | 0.0   | 41.8  |



#82  
 p-Isopropyltoluene  
 Concen: 19.670 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 119     | 100  |       |       |
| 134     | 26.5 | 0.0   | 52.8  |
| 91      | 23.4 | 0.0   | 47.0  |

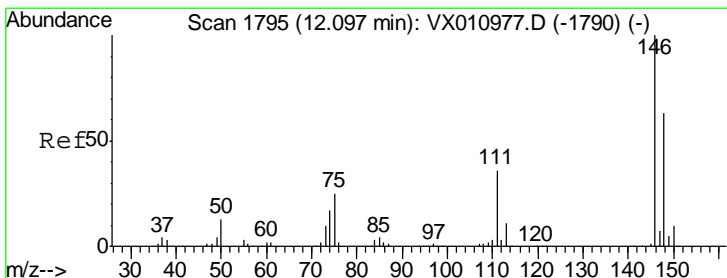
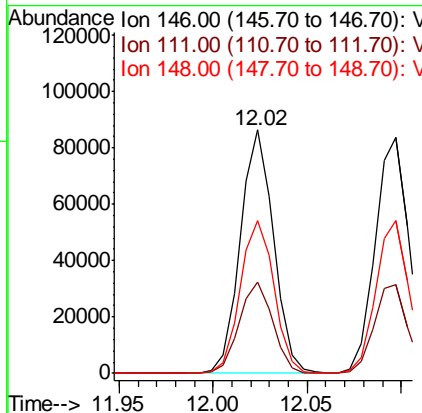
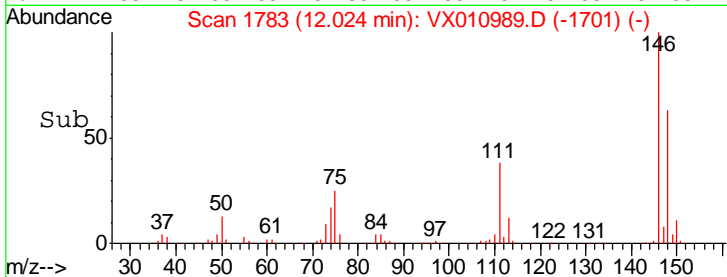
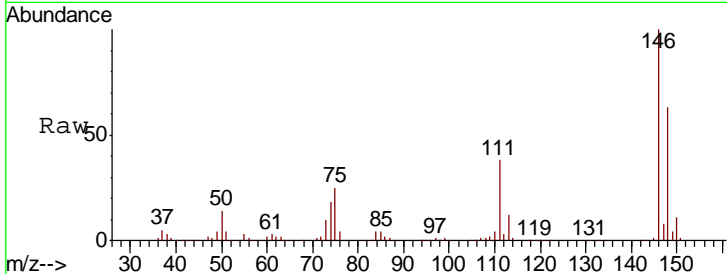




#83  
 1,3-Dichlorobenzene  
 Concen: 19.612 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

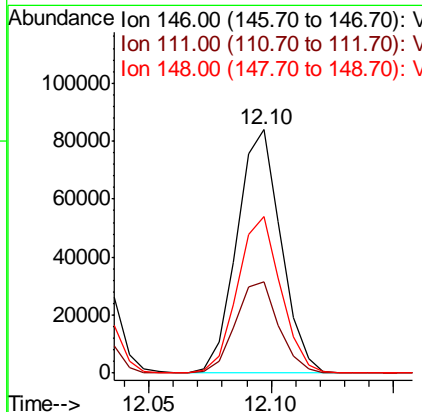
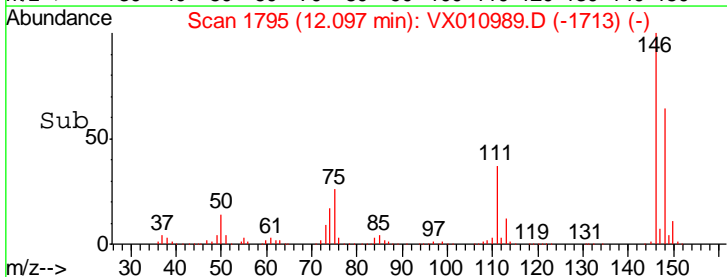
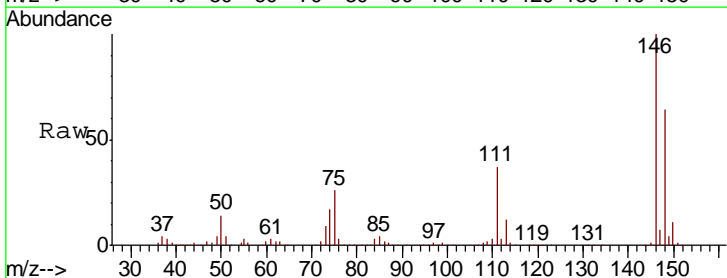
Instrument :  
 MSVOA\_X  
 ClientSampled :

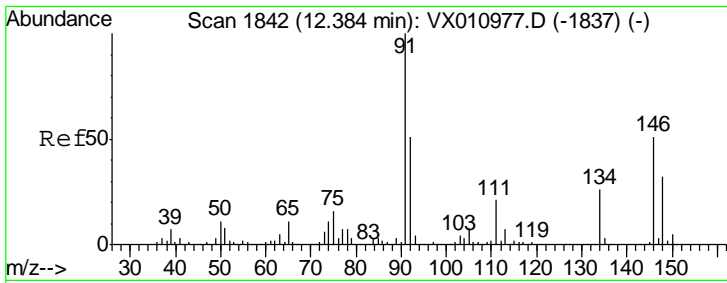
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 146     | 105424 |       |       |
| 111     | 38.2   | 18.9  | 56.9  |
| 148     | 63.8   | 31.4  | 94.0  |



#84  
 1,4-Dichlorobenzene  
 Concen: 19.597 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 146     | 104706 |       |       |
| 111     | 37.0   | 18.5  | 55.5  |
| 148     | 63.3   | 32.0  | 96.0  |

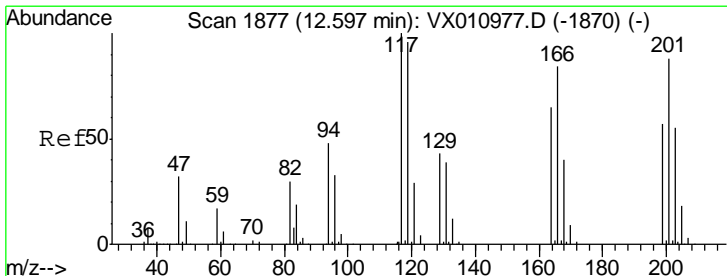
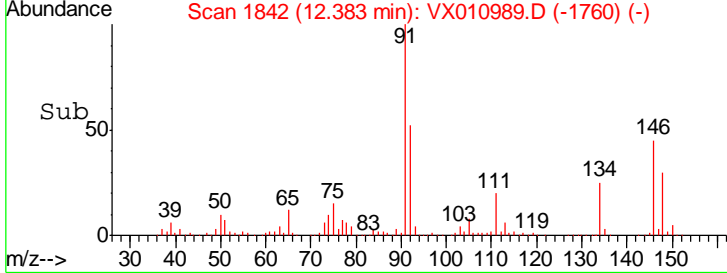
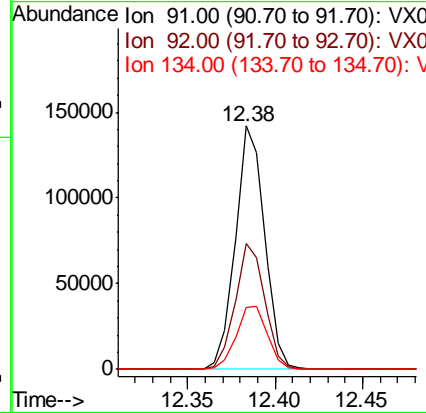
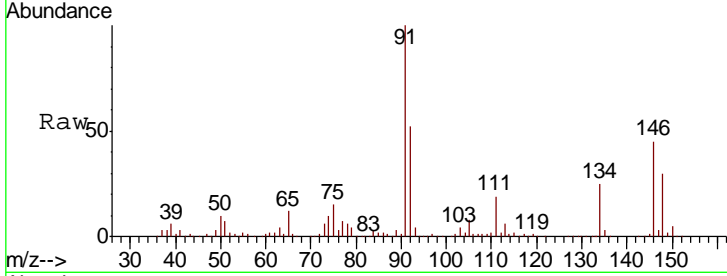




#85  
 n-Butylbenzene  
 Concen: 19.110 ug/l  
 RT: 12.38 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

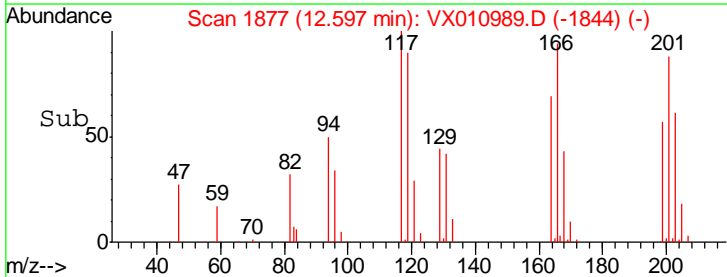
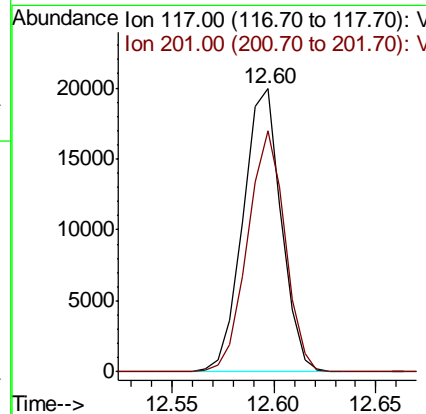
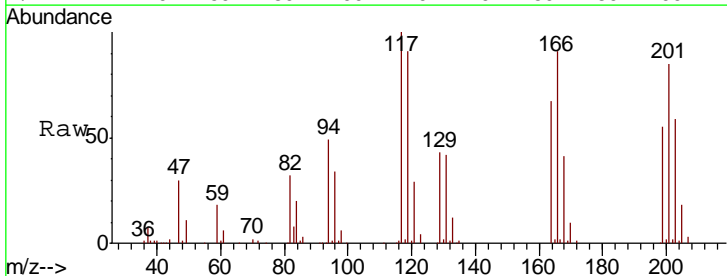
Instrument :  
 MSVOA\_X  
 ClientSampled :

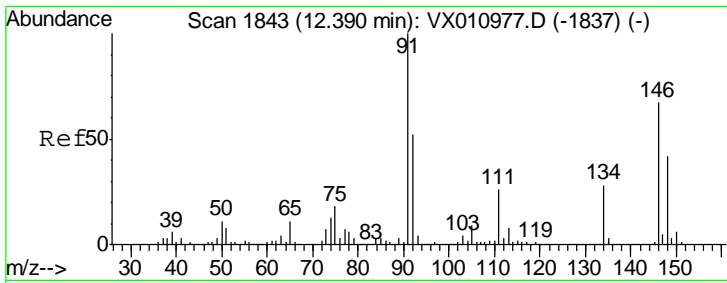
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 164933 |       |       |
| 92      | 52.1   | 0.0   | 103.6 |
| 134     | 27.7   | 0.0   | 54.2  |



#86  
 Hexachloroethane  
 Concen: 16.238 ug/l  
 RT: 12.60 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 25956 |       |       |
| 201     | 83.4  | 42.1  | 126.3 |

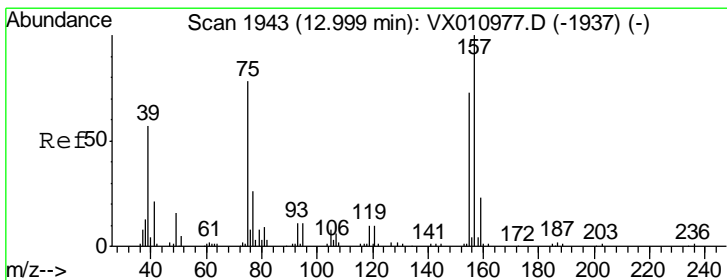
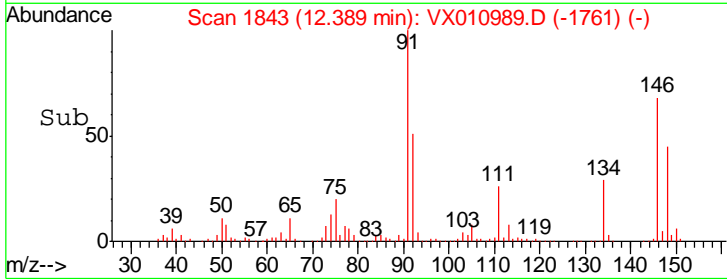
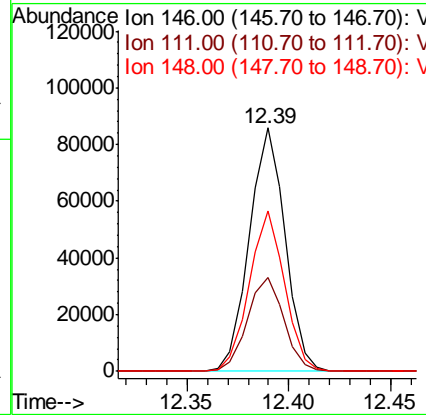
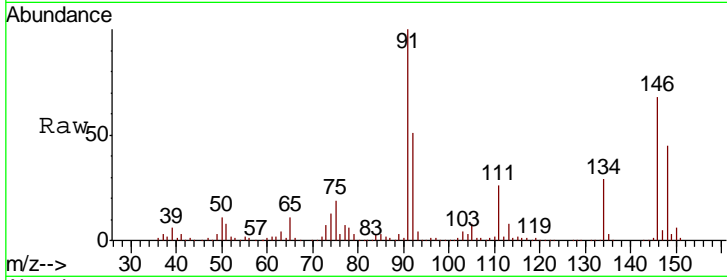




#87  
 1,2-Dichlorobenzene  
 Concen: 19.943 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

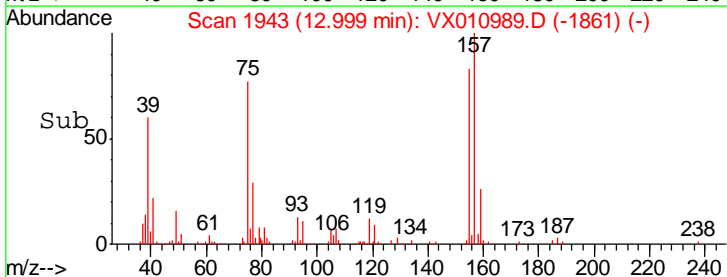
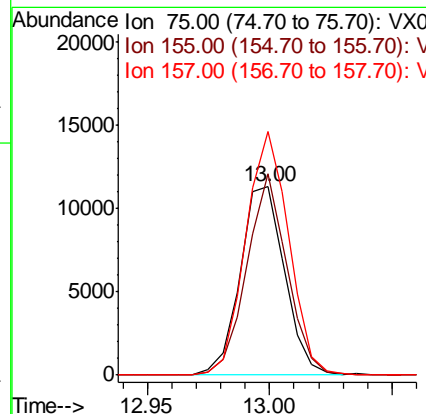
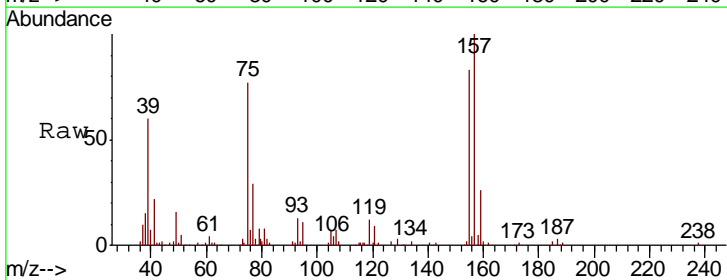
Instrument :  
 MSVOA\_X  
 ClientSampled :

Tgt Ion:146 Resp: 104961  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 19.5 58.5  
 148 64.9 31.5 94.5

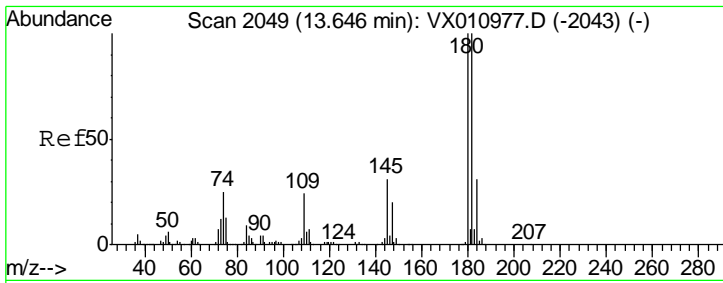


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.858 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Tgt Ion: 75 Resp: 14307  
 Ion Ratio Lower Upper  
 75 100  
 155 97.3 76.6 115.0  
 157 125.1 101.0 151.4



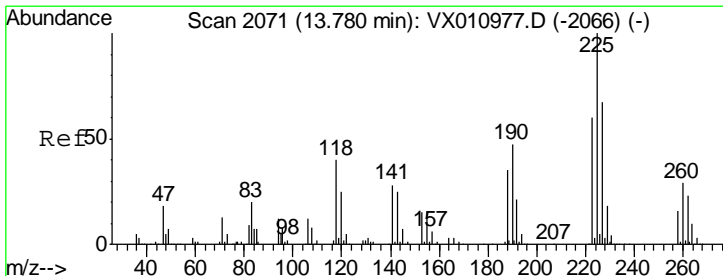
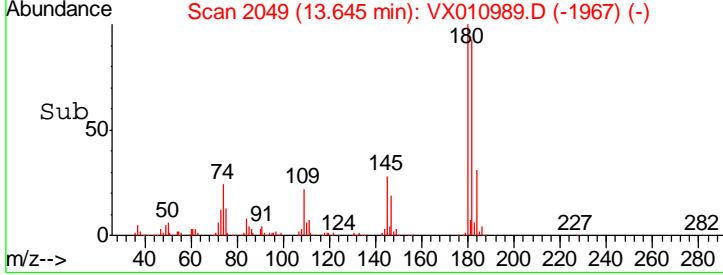
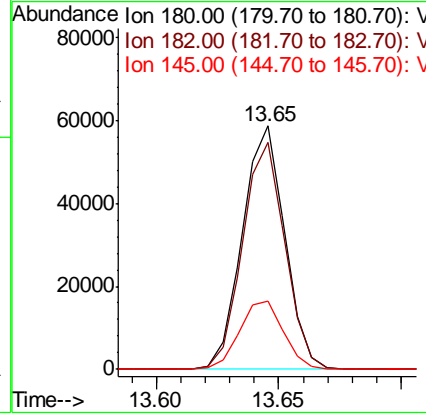
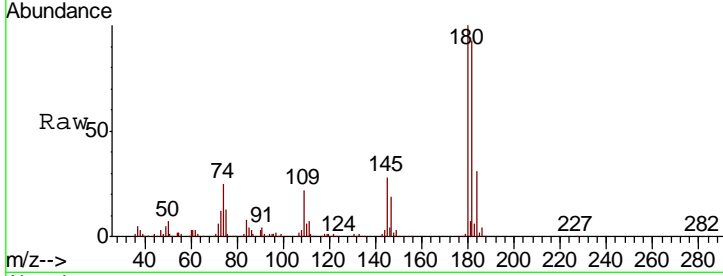




#89  
 1,2,4-Trichlorobenzene  
 Concen: 19.469 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

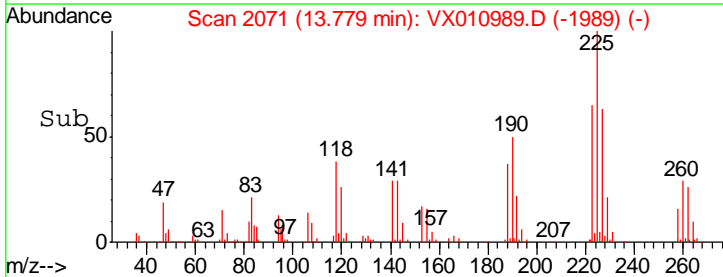
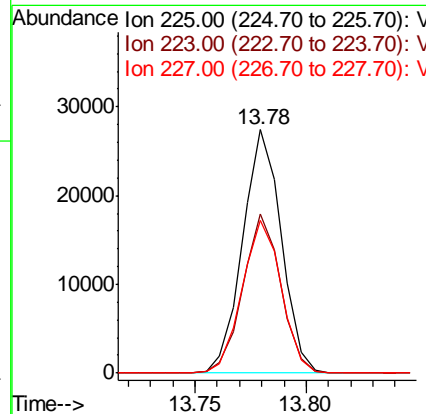
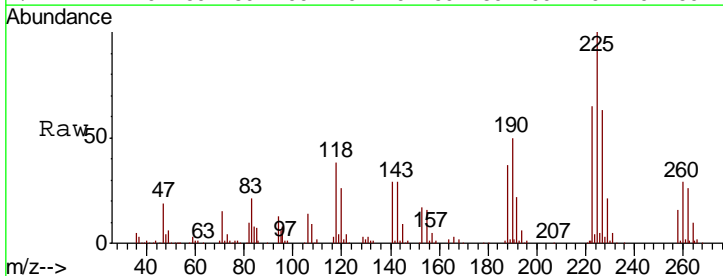
Instrument : MSVOA\_X  
 ClientSampled :

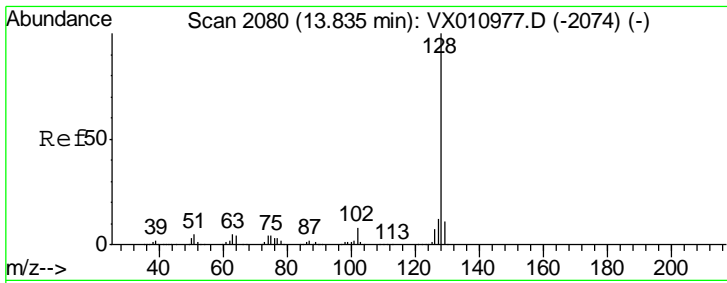
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 70675 |       |       |
| 182     | 93.4  | 77.6  | 116.4 |
| 145     | 29.5  | 23.8  | 35.6  |



#90  
 Hexachlorobutadiene  
 Concen: 18.905 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 33182 |       |       |
| 223     | 64.0  | 0.0   | 121.4 |
| 227     | 63.6  | 0.0   | 126.6 |

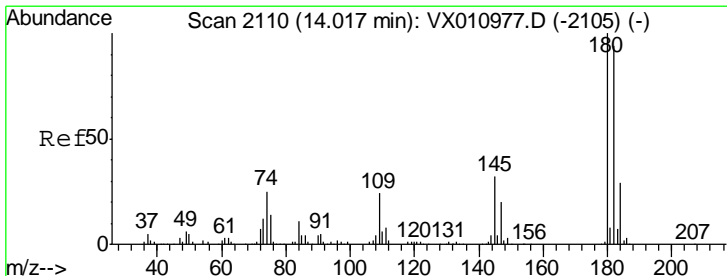
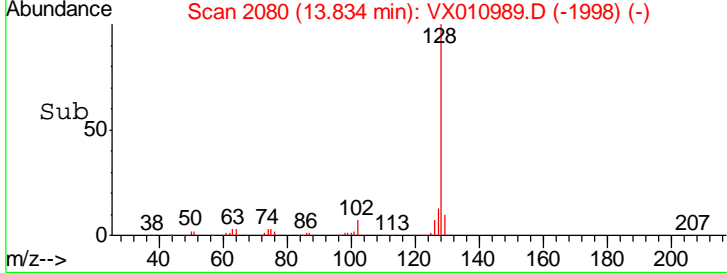
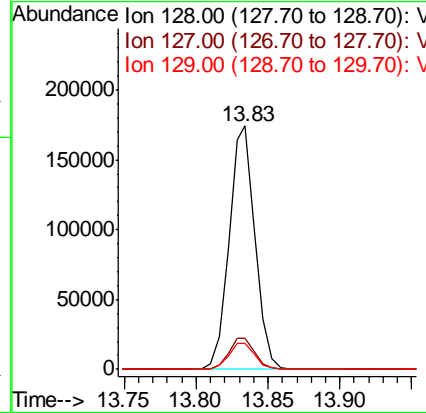
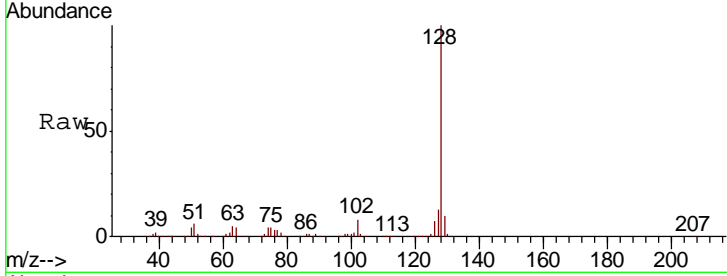




#91  
 Naphthalene  
 Concen: 19.879 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

Instrument : MSVOA\_X  
 ClientSampled :

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 128     | 220187 |       |       |
| 127     | 13.1   | 10.2  | 15.2  |
| 129     | 10.9   | 8.5   | 12.7  |



#92  
 1,2,3-Trichlorobenzene  
 Concen: 19.723 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: VX010989.D  
 Acq: 19 Jul 2019 03:48

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 71761 |       |       |
| 182     | 95.1  | 0.0   | 190.2 |
| 145     | 31.1  | 0.0   | 63.8  |

