I will briefly describe the code "MULTIMODE", developed in collaboration with Stuart Carter and Nicholas Handy, and then present applications to the series of molecules H$_2$O$^+$, H$_3$O$_2^-$ and H$_2$O$_3^+$. I will also describe recent collateral work on developing full dimensional ab initio-based potential energy surfaces for these molecules. Some comparisons with Diffusion Monte Carlo calculations done by Anne McCoy on these molecules will also be presented.