MASS SPECTROMETRY ANALYSIS OF WATER SOLUBLE METAL FULLERENE COMPOUNDS $[Ru(NH_3)_5C_{60}](CF_3SO_3)_2$ AND $[Ru(NH_3)_5C_{60}]Cl_2$

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The recently synthesized water soluble metal fullerene compounds $[Ru(NH_3)_5C_{60}](CF_3SO_3)_2$ and $[Ru(NH_3)_5C_{60}]Cl_2$ have been studied using various ionization techniques. The fragments of the compounds can be clearly observed in EI, Electrospray, and Laser Desorption Mass Spectra. However Matrix Assisted Laser Desorption Ionization Mass Spectrum showed a weak peak which may be assigned as molecular ion.