
144	Cl₄	Tetraiodomethane	T_d
ED, <i>ab initio</i>		Carbon tetraiodide	Cl ₄
calculations			

r_g	\AA^a
C–I	2.157(10)

The ED intensities were compatible with 16...17% of either of the monomeric free radicals, Cl₃ or Cl₂, beside I₂ (18...21%) and Cl₄. No appreciable amount of C₂I₄ (and C₂I₆) molecules was detected by ED, in spite of the suggestion of thermodynamics.
The nozzle temperature was 123 °C.

^a) Estimated total error.

Hargittai, M., Schultz, G., Schwerdtfeger, P., Seth, M.: Struct. Chem. **12** (2001) 377.