HC102

The formula suggests Cl is the primary atom that is placed first, aka central.

Additionally, Cl has a larger bond capacity than oxygen b/c it is in the third shell, so it can have a max of 7 bonds based on its valence.

This is because it has unoccupied d-orbitals which allows each of the 7 valence electrons to reside alone in orbitals that are all only half-occupied considering how many of them are available when extending to the d orbitals.

Another molecule that exemplifies this for chlorine is the well known Perchlorate ion: Cl04[-] which clearly goes beyond the maximum 1 bond allowed by the simple valence model of Fluorine for example, which resides in periodic table shell number two and has no such d orbitals to exploit.

$$H - \ddot{O} - \ddot{C}1 - \ddot{O}$$
: $70 - 2(3) = 14$

The molecule is neutral.

See if there is a better arrangement with lesser FC-s.

$$H-O-Ci=0$$
. $fc_{\alpha}=7-4-3=0$