

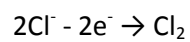
*Question#47284 – Chemistry – Inorganic Chemistry*

**Question:**

The black compound which on heating with concentrated Hydrochloric acid gives a greenish yellow gas

**Answer:**

Greenish yellow gas is probably  $\text{Cl}_2$ . It is released as the result of oxidation half-reaction:



The black compound is a black  $\text{MnO}_2$  oxide. The equation of redox reaction:

