

## Answer on Question#59440 - Chemistry - General Chemistry

Naturally occurring chlorine comprises of 75.53%  $^{35}\text{Cl}$  and 24.47%  $^{37}\text{Cl}$  while naturally occurring carbon comprises 98.89%  $^{12}\text{C}$  and 1.11%  $^{13}\text{C}$ . Mass spectrometry will give you how many peaks for  $\text{CCl}_4$ ?

**Answer:**  $\text{CCl}_4$  has in overall 18 peaks and 3 of them dominant as described in the table

Total peaks	18
m/z top peak	117
m/z second highest	119
m/z third highest	121



