

Esercizi

Dati gli spettri di massa (ottenuti per impatto elettronico: EI) e le formule brute indicare la possibile struttura chimica delle molecola organiche.

Numero di Insaturazioni (NI)

Formula che permette, conoscendo la formula bruta di una molecola organica, di ricavare il numero di insaturazioni:



w = numero di atomi tetraivalenti

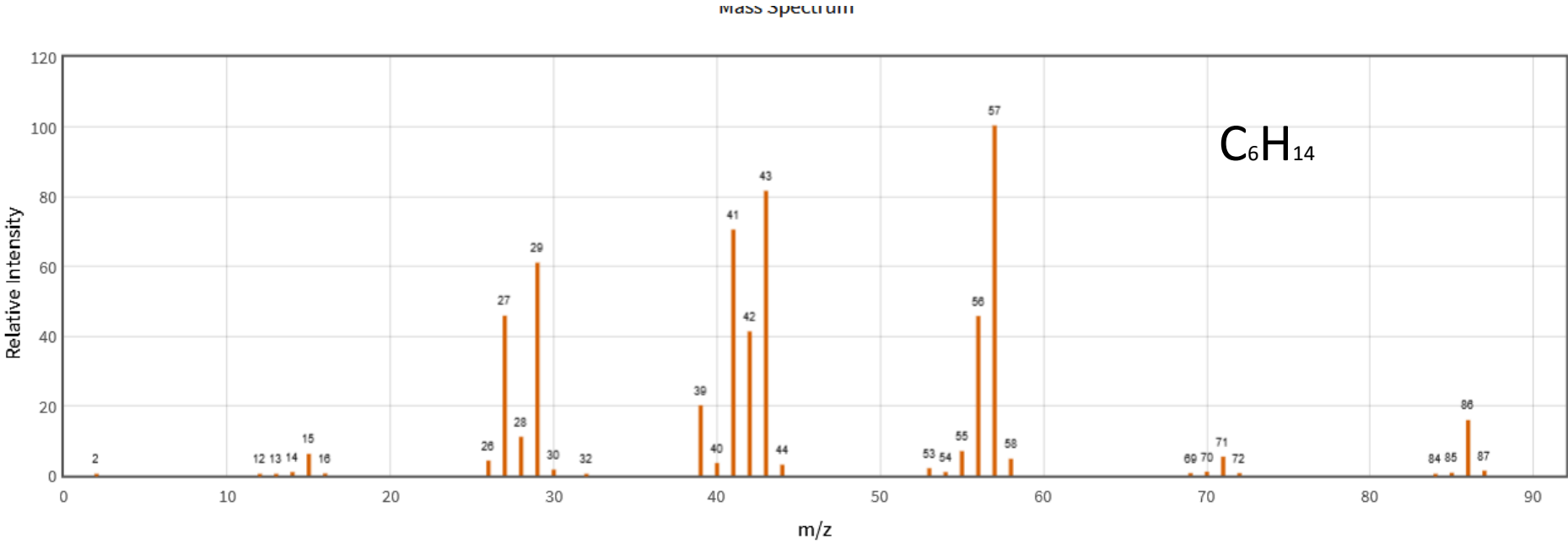
x = numero di atomi monovalenti

y = numero di atomi trivalenti

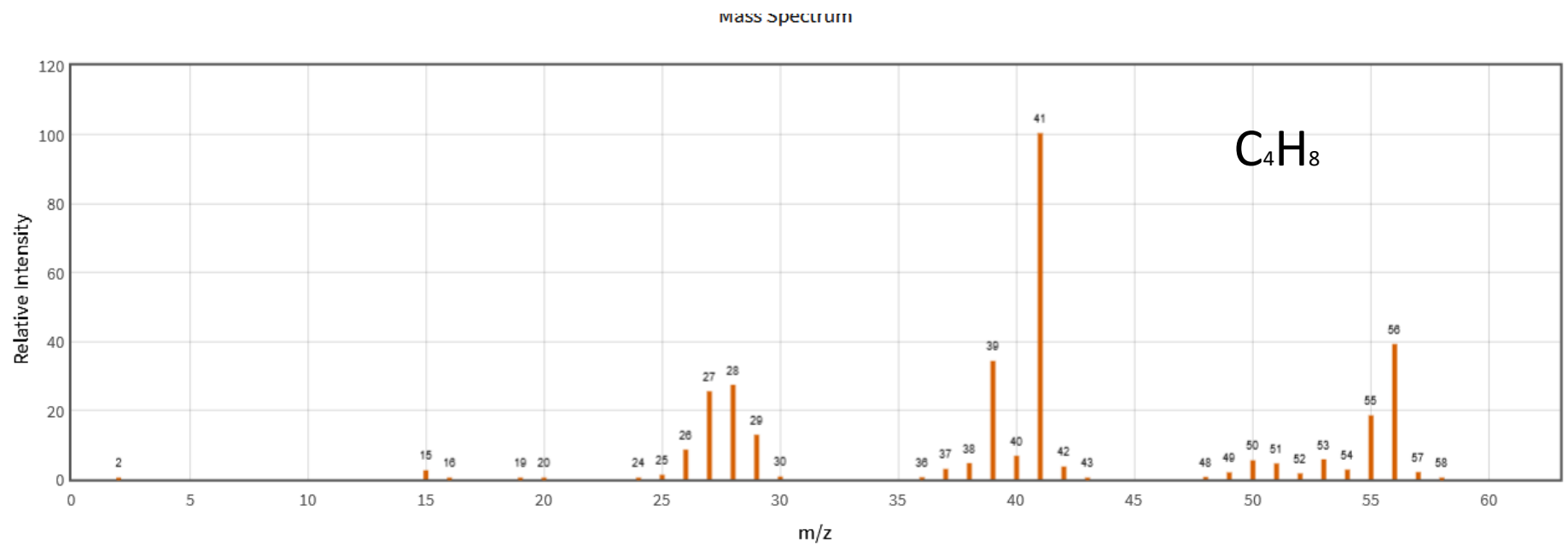
z = numero di atomi bivalenti

$$\text{NI} = w - \frac{1}{2}x + \frac{1}{2}y + 0z + 1$$

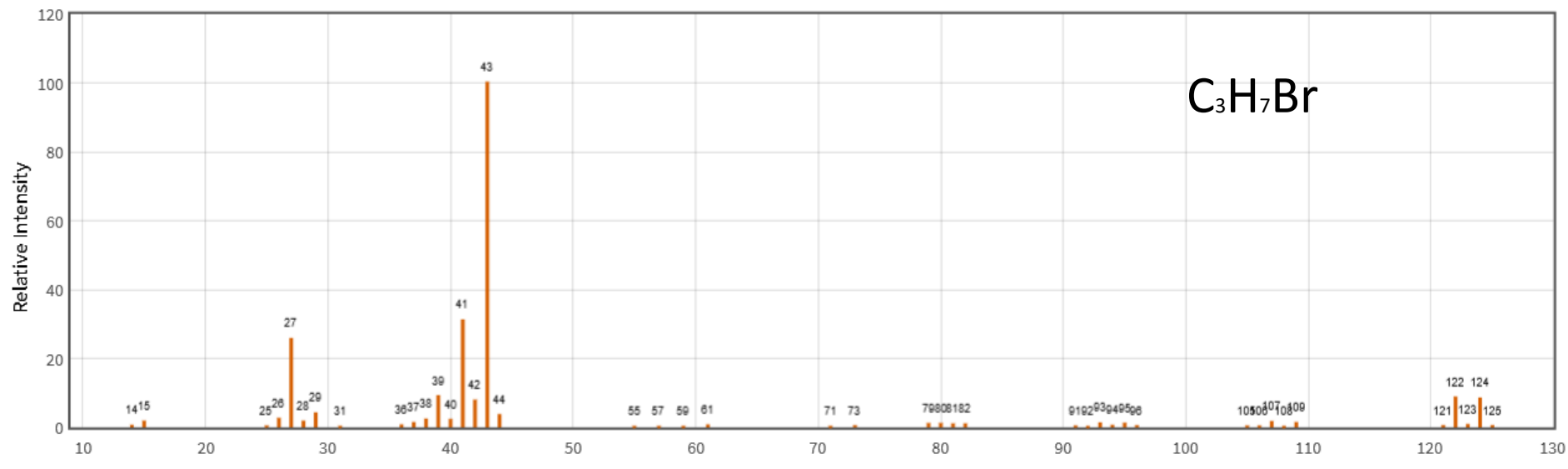
ESERCIZIO 1



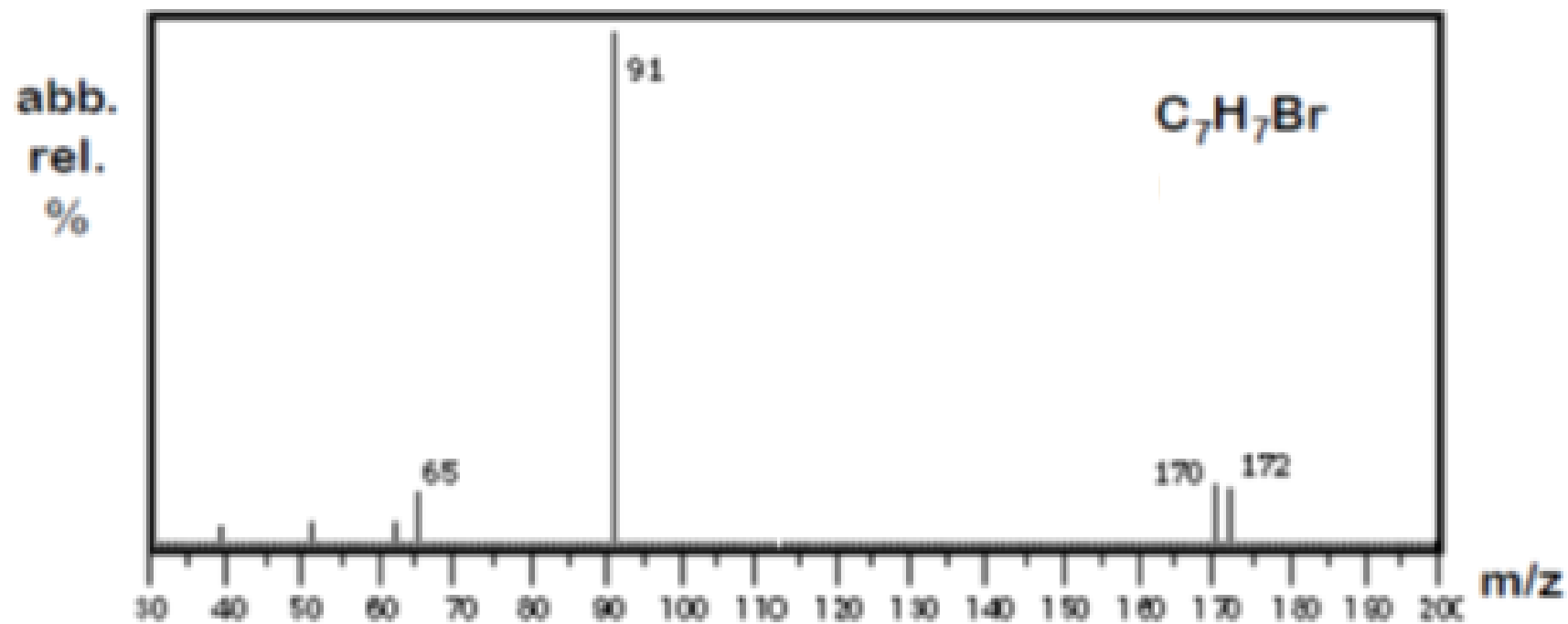
ESERCIZIO 2



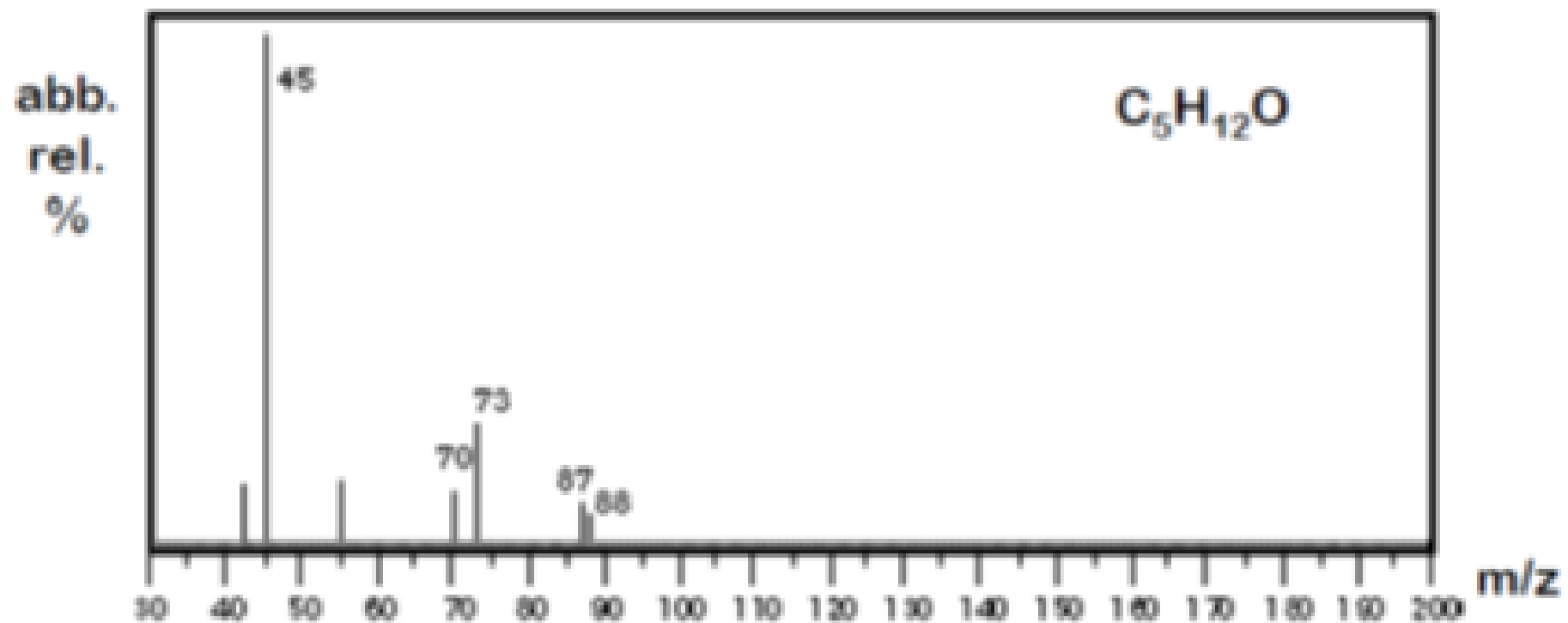
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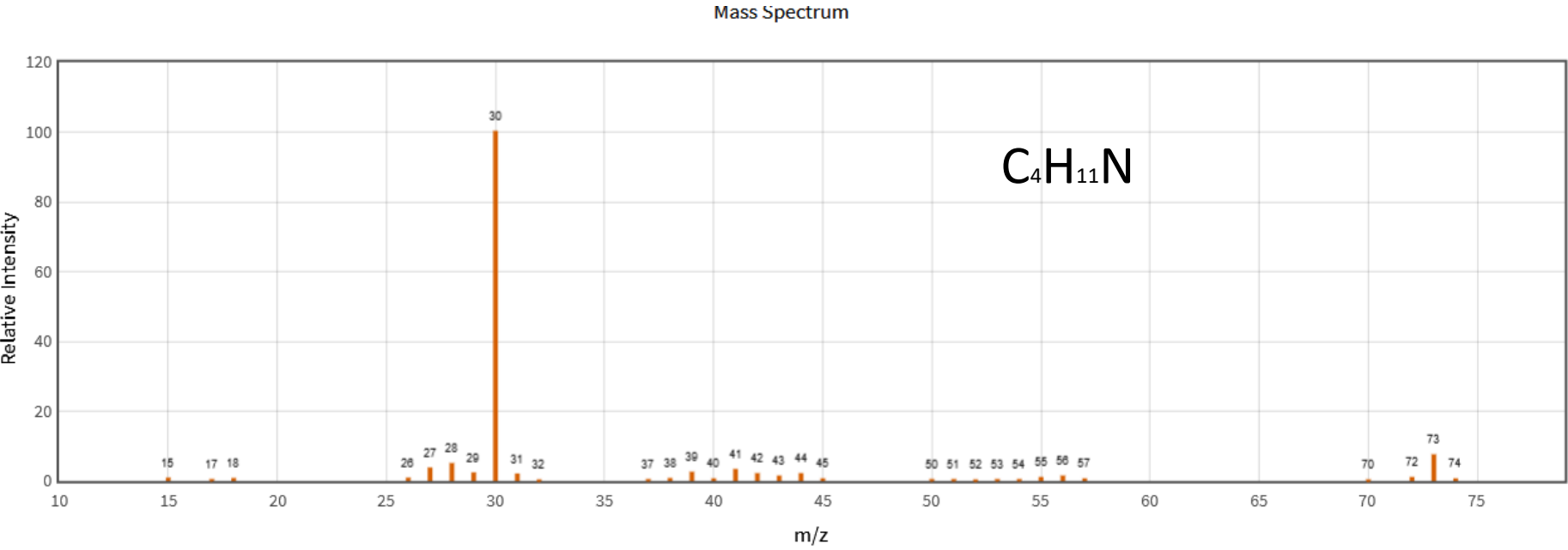
ESERCIZIO 4



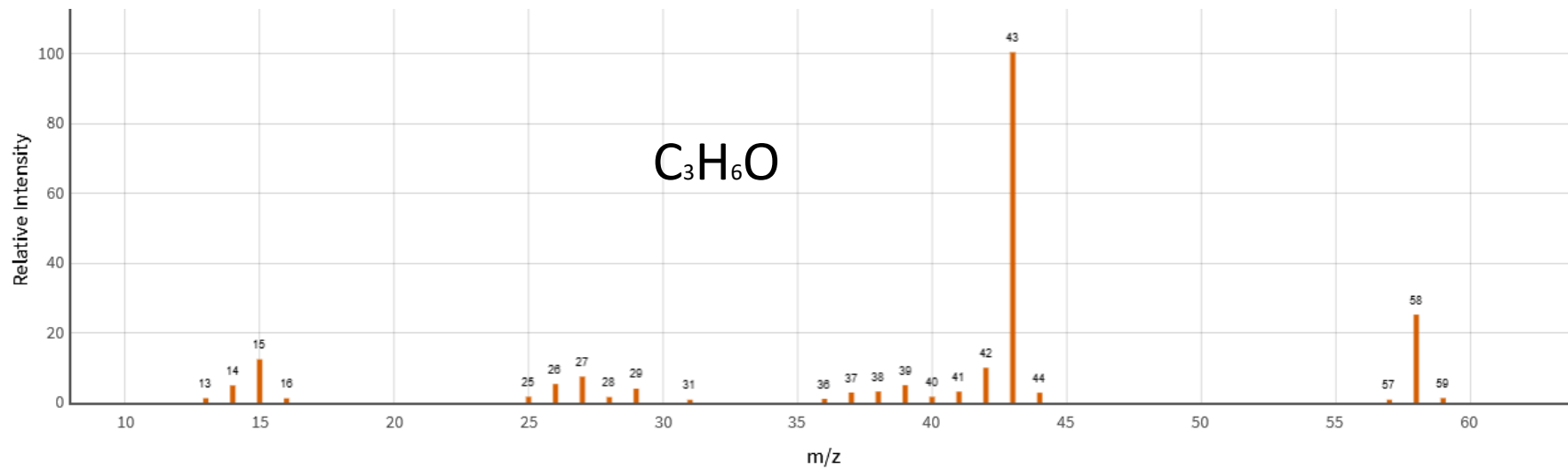
ESERCIZIO 5



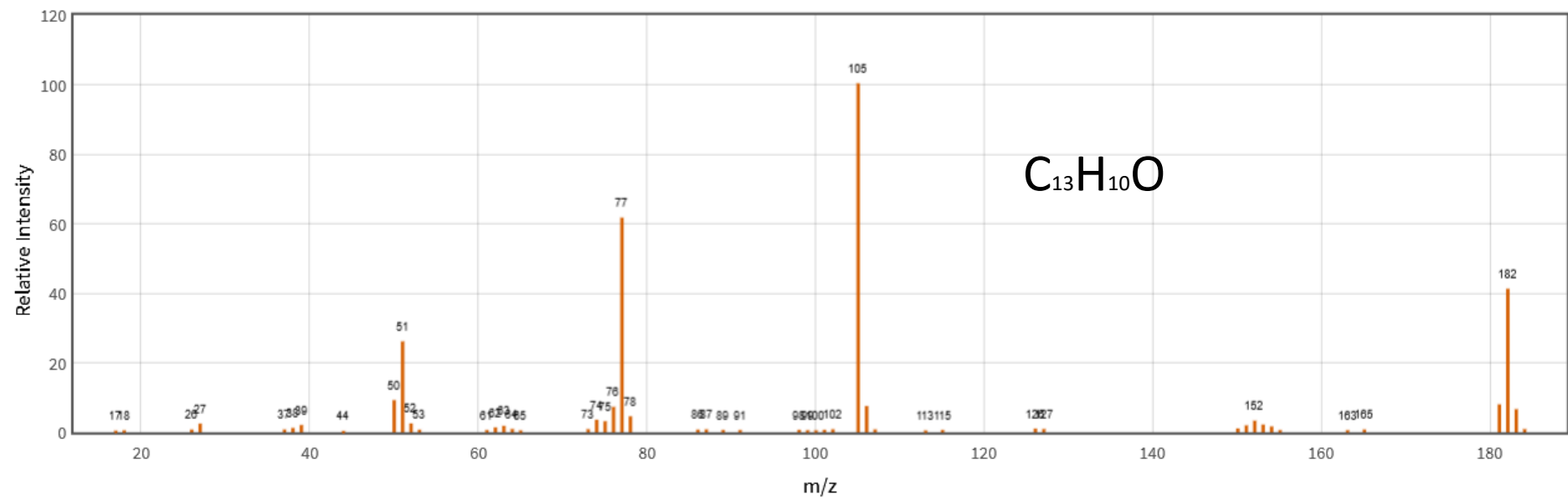
ESERCIZIO 6



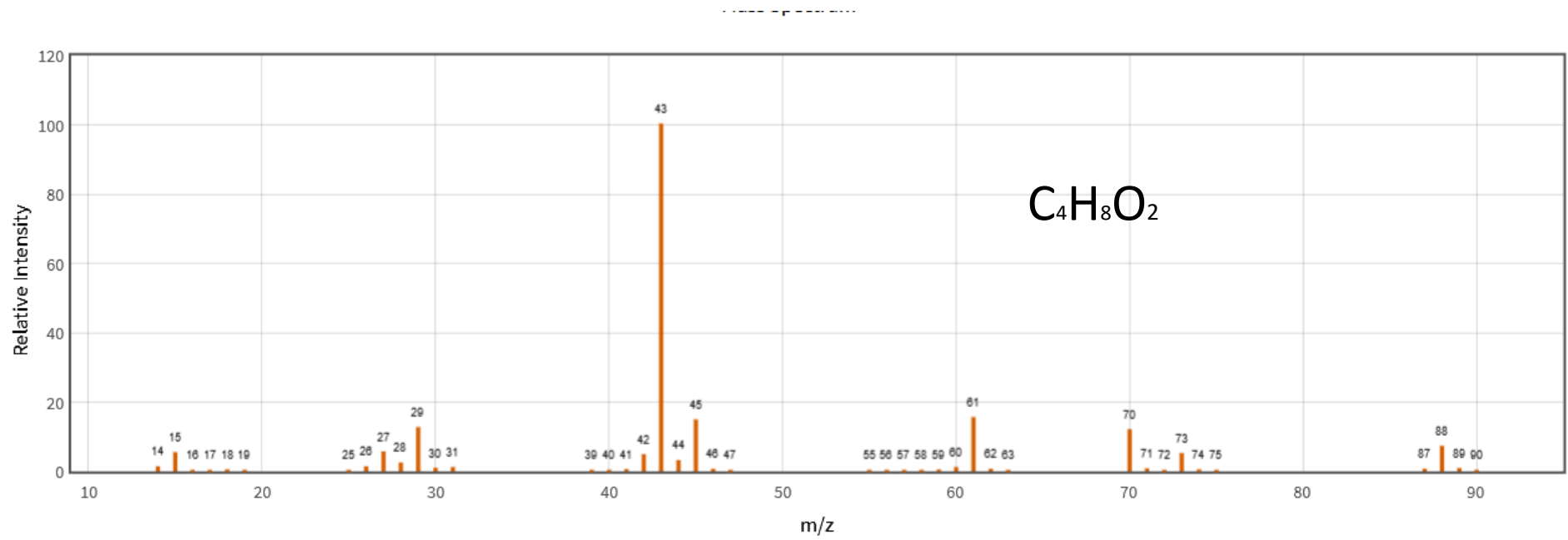
ESERCIZIO 7



ESERCIZIO 8



ESERCIZIO 9



ESERCIZIO 10

