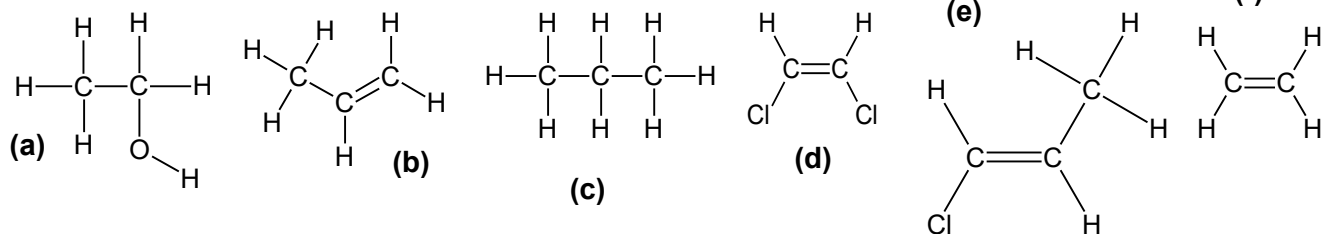


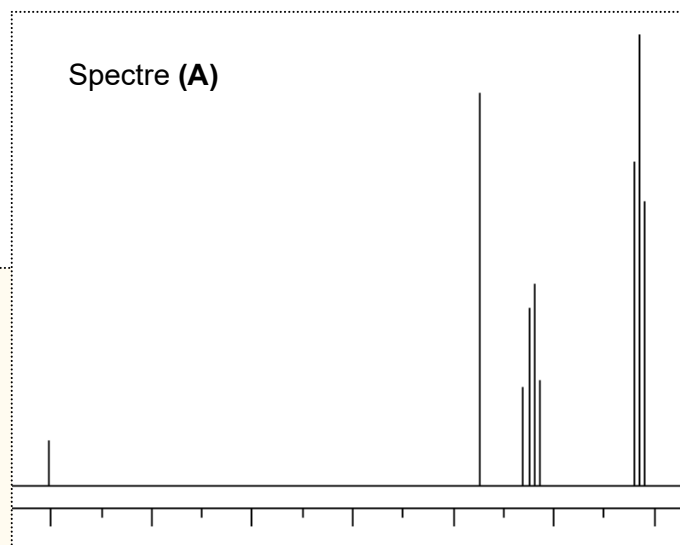
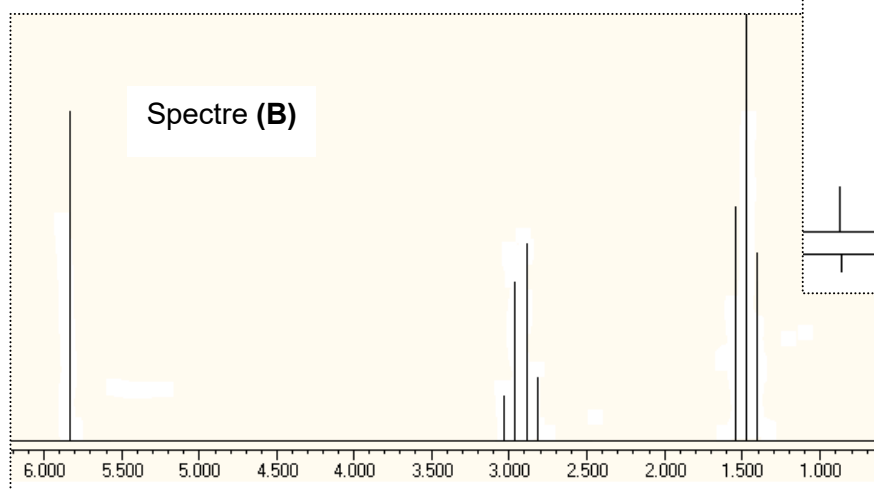
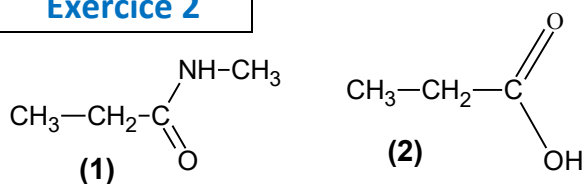
Fiche 12 : Analyse structurale de la matière par spectroscopie RMN

Exercice 1

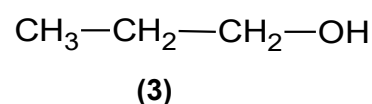
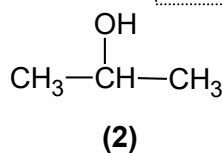
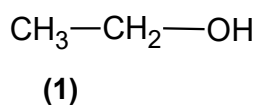
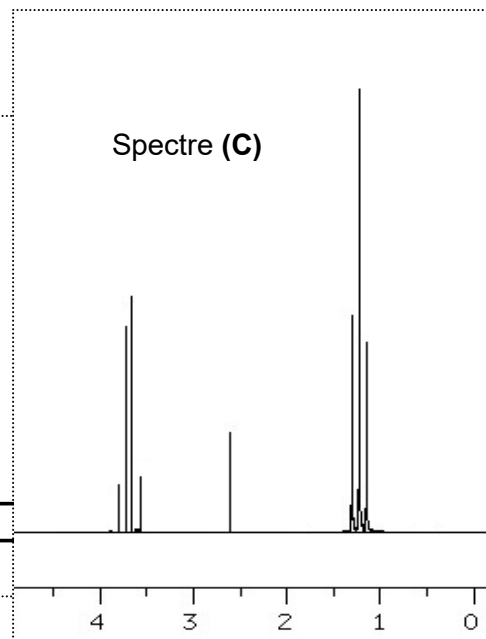
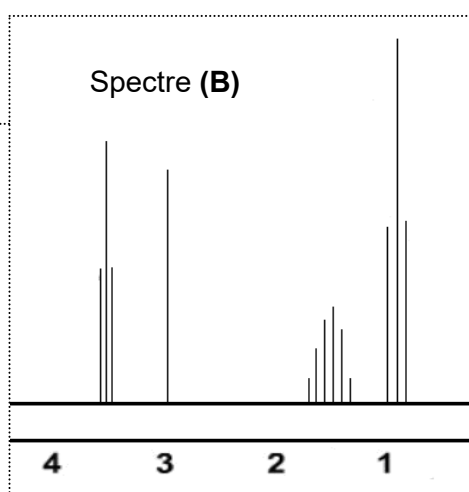
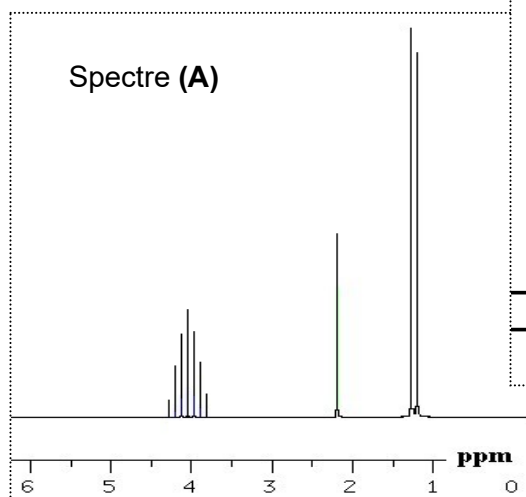
Pour chaque molécule ci-dessous, dénombrer les groupes de protons équivalents



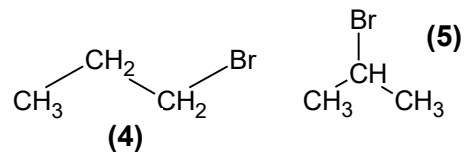
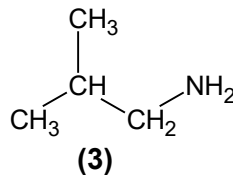
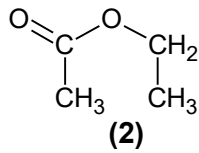
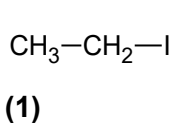
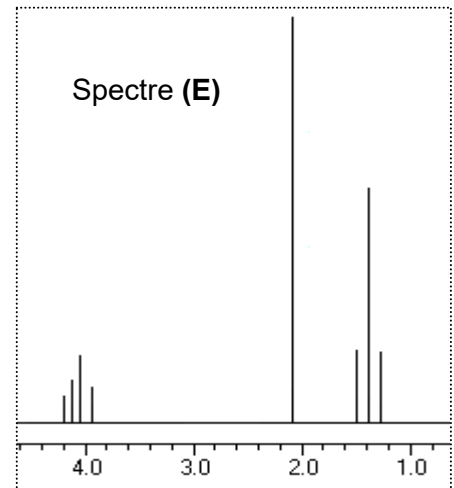
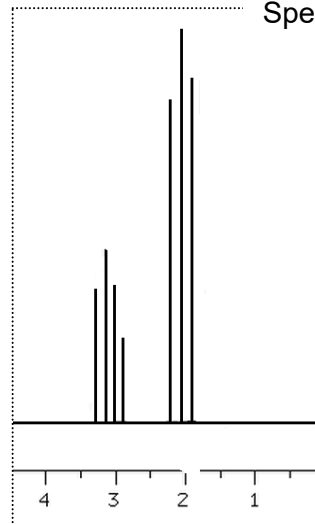
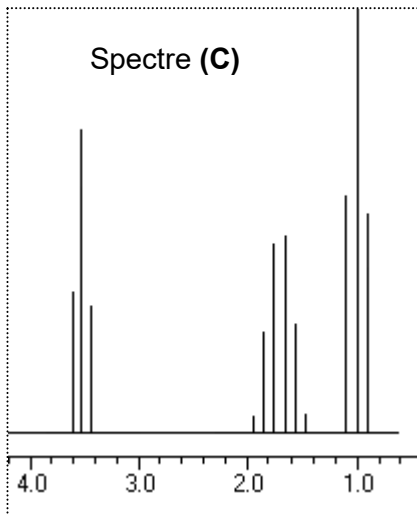
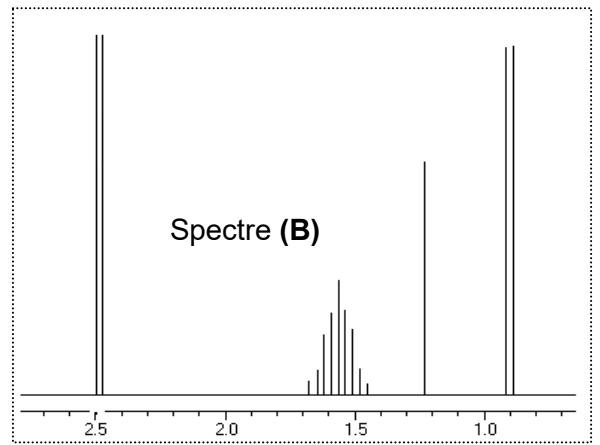
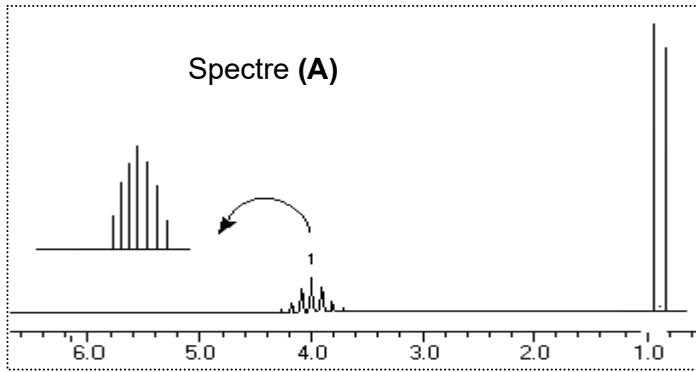
Exercice 2



Exercice 3

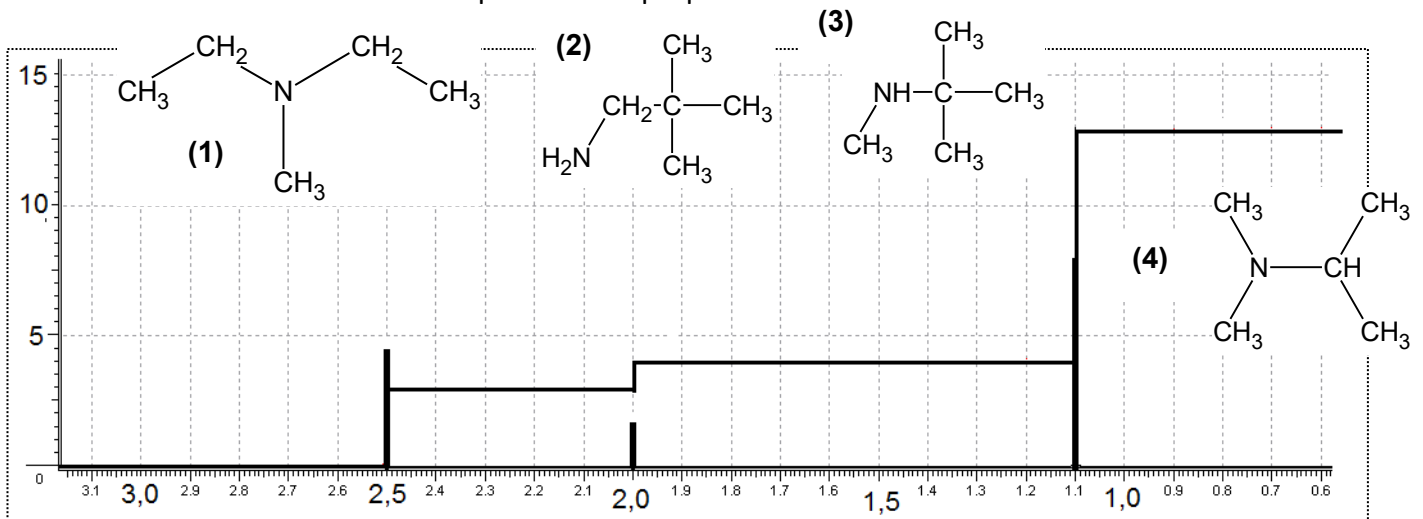


Exercice 4

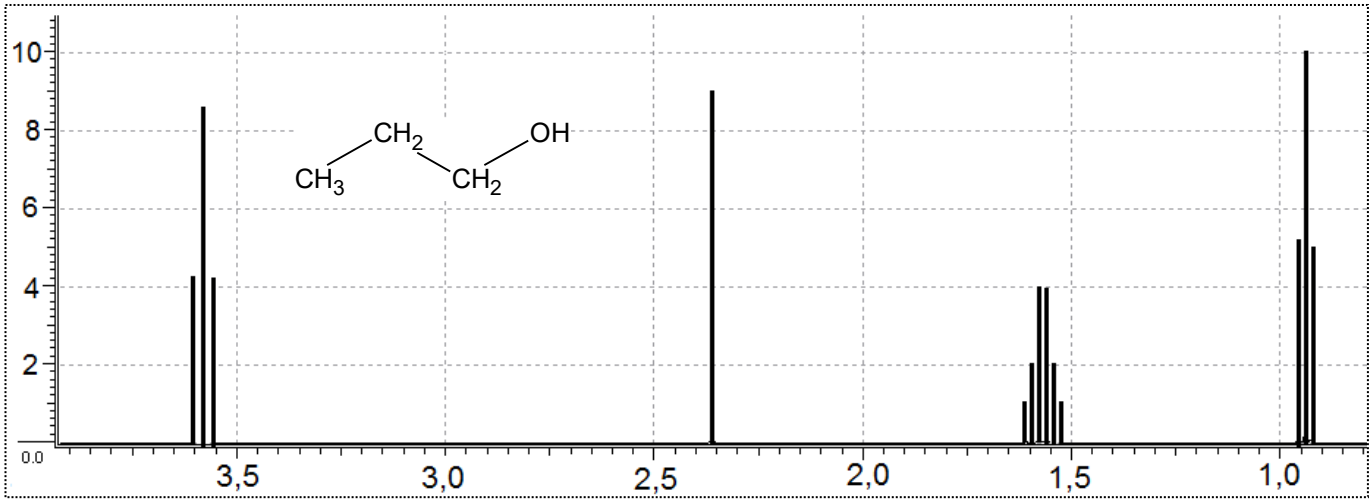


Exercice 5

Pour le spectre suivant, retrouver le nombre de protons équivalents associés à chaque signal, puis en déduire la formule de la molécule parmi celles proposées



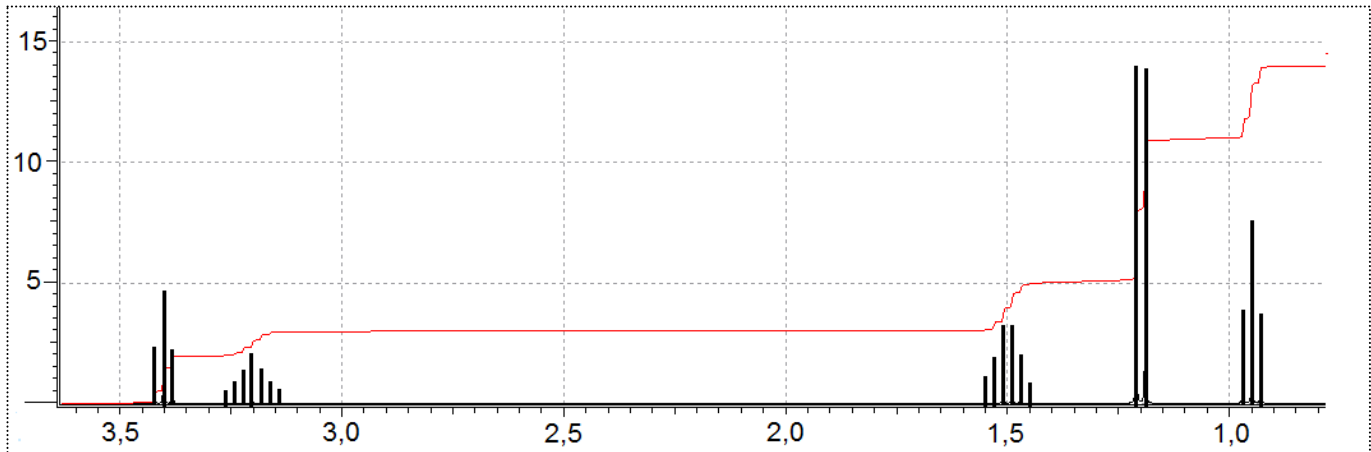
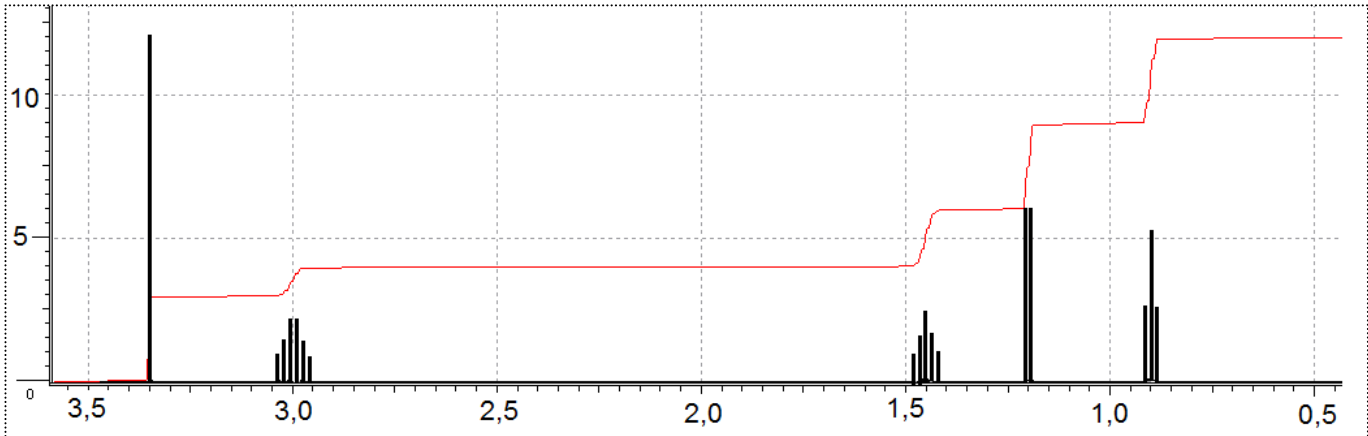
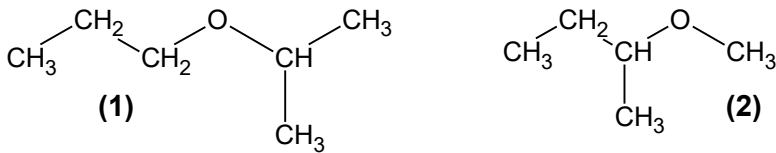
Exercice 6



Associer à chaque groupe de protons équivalents, son signal ; dessiner sur le spectre la courbe d'intégration

Exercice 7

Associer à chaque groupe de protons équivalents, son signal



Exercice 8

