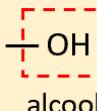
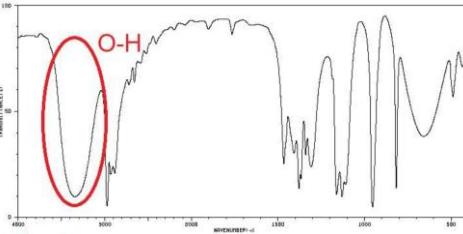
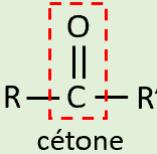
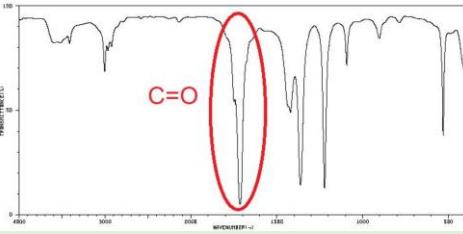
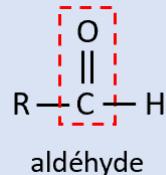
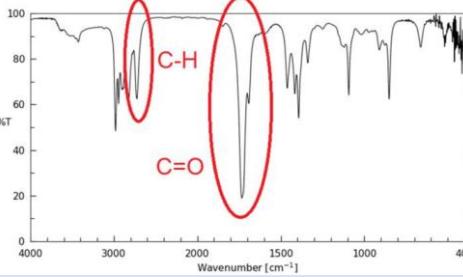
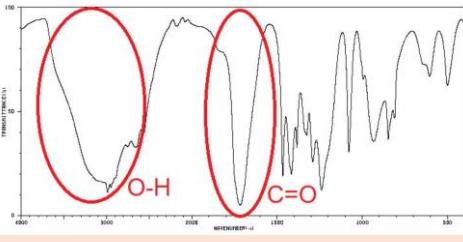
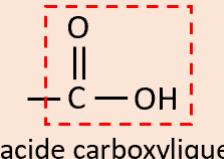
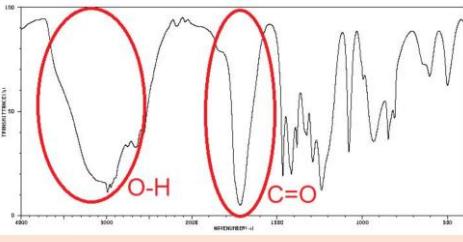
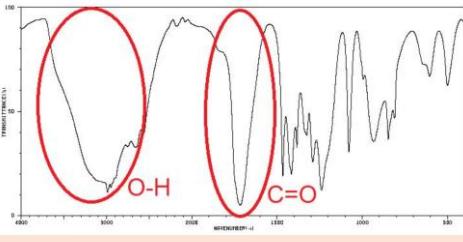
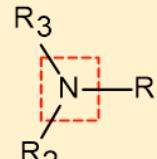
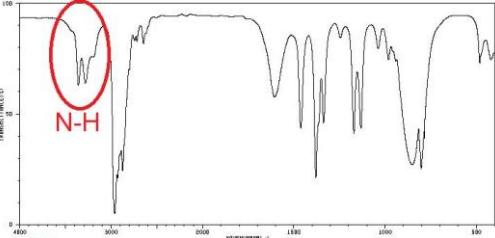
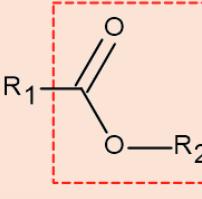
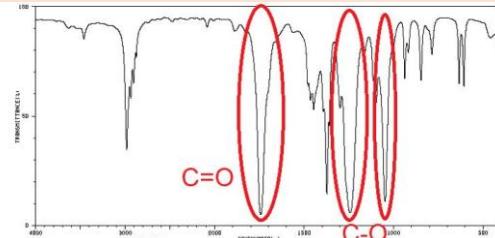
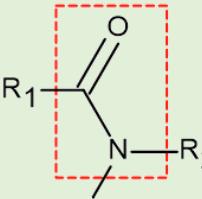
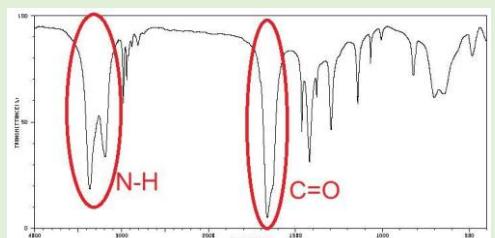
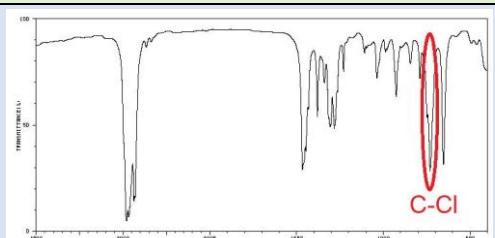
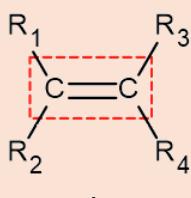


Famille	Liaison	Nombre d'onde $\sigma$	Caractéristiques de la bande	Spectre
 alcool	O-H	3200 cm <sup>-1</sup> - 3600 cm <sup>-1</sup>	Forte et large	
 cétone	C=O	1700 cm <sup>-1</sup> - 1720 cm <sup>-1</sup>	Forte et fine	
 aldéhyde	C=O	1720 cm <sup>-1</sup> - 1740 cm <sup>-1</sup>	Forte et fine	
	C-H	2650 cm <sup>-1</sup> - 2850 cm <sup>-1</sup>	Moyenne et fine	
 acide carboxylique	C=O	1680 cm <sup>-1</sup> - 1720 cm <sup>-1</sup>	Forte et fine	
	O-H	2500 cm <sup>-1</sup> - 3200 cm <sup>-1</sup>	Forte et large	

Famille	Liaison	Nombre d'onde $\sigma$	Caractéristiques de la bande	Spectre
 Amine	N-H	3100 cm <sup>-1</sup> – 3500 cm <sup>-1</sup>	Moyenne 1 bande par liaison	
	C-N	Dans l'empreinte digitale	Peu caractéristique	
 Ester	C=O	1700 cm <sup>-1</sup> - 1740 cm <sup>-1</sup>	Forte et fine	
	C-O	1000 cm <sup>-1</sup> – 1300 cm <sup>-1</sup>	2 bandes fortes et fines, dans l'empreinte digitale	
 Amide	N-H	3100 cm <sup>-1</sup> – 3500 cm <sup>-1</sup>	Moyenne à forte 1 bande par liaison	
	C=O	1650 cm <sup>-1</sup> - 1700 cm <sup>-1</sup>	Forte et fine	
	C-N	Dans l'empreinte digitale	Peu caractéristique	
Halogénoalcane $R-X$	C-X	700 cm <sup>-1</sup> – 900 cm <sup>-1</sup>	Moyenne et fine, difficile à identifier	
 Alcènes	C=C	1600 cm <sup>-1</sup> – 1700 cm <sup>-1</sup>	Forte et fine	