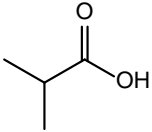
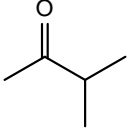
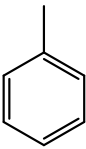
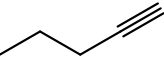
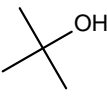
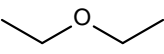
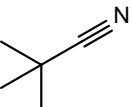
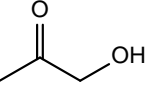
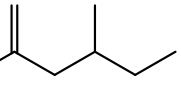
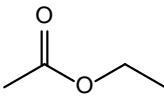
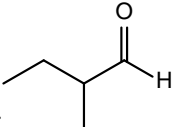
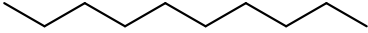


Name: _____

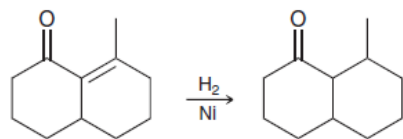
Sec: _____

IR Spectroscopy Homework

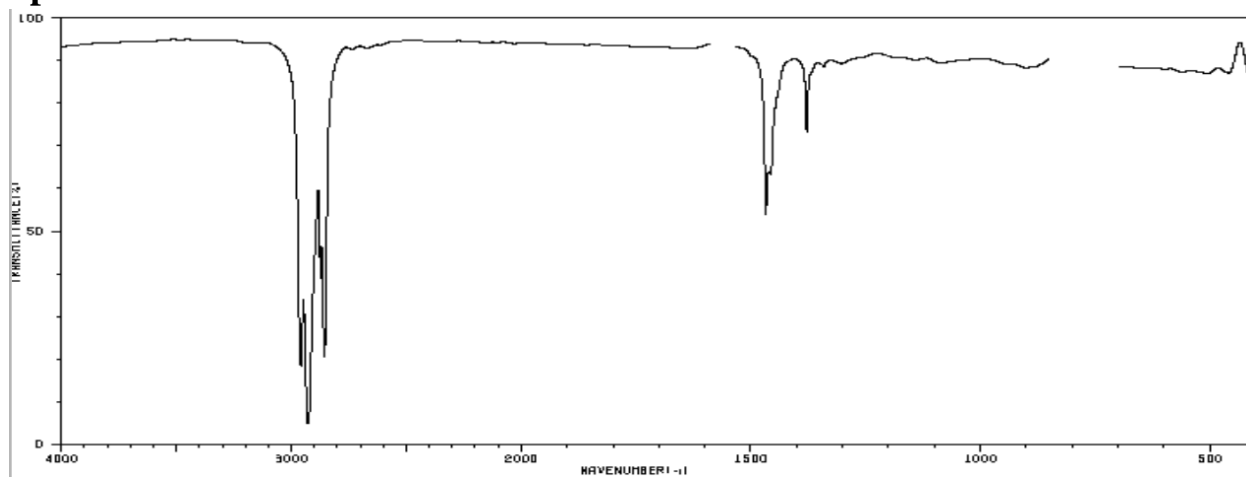
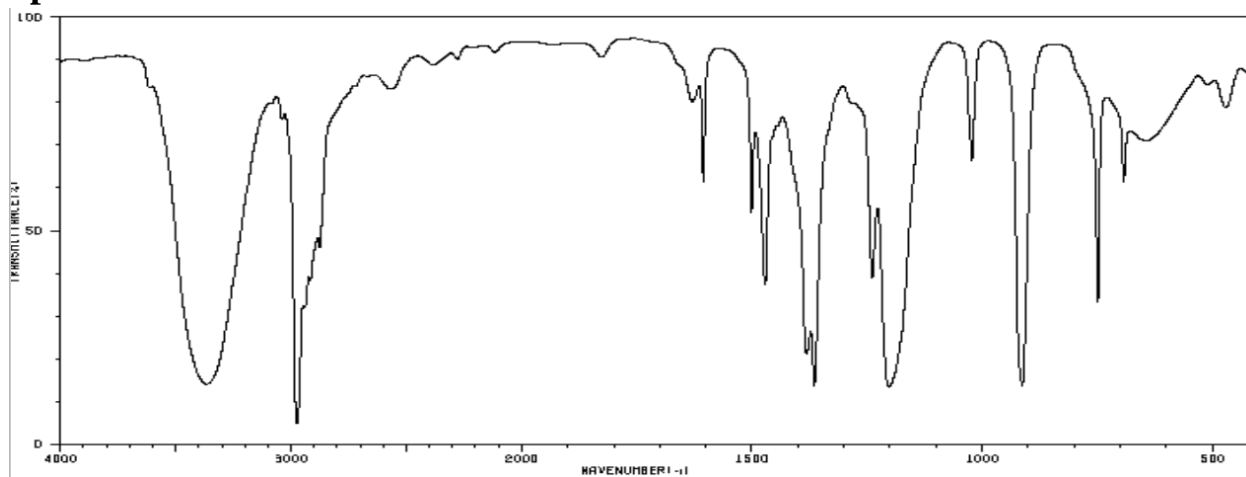
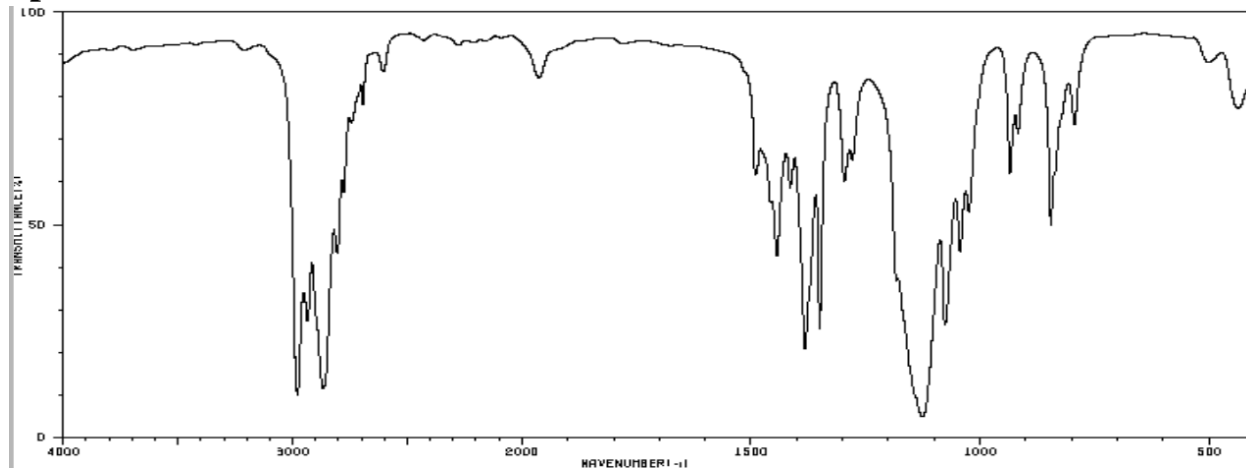
Match each spectrum to its corresponding chemical structure.

	Spectra #		Spectra #
1. 	_____	7. 	_____
2. 	_____	8. 	_____
3. 	_____	9. 	_____
4. 	_____	10. 	_____
5. 	_____	11. 	_____
6. 	_____	12. 	_____

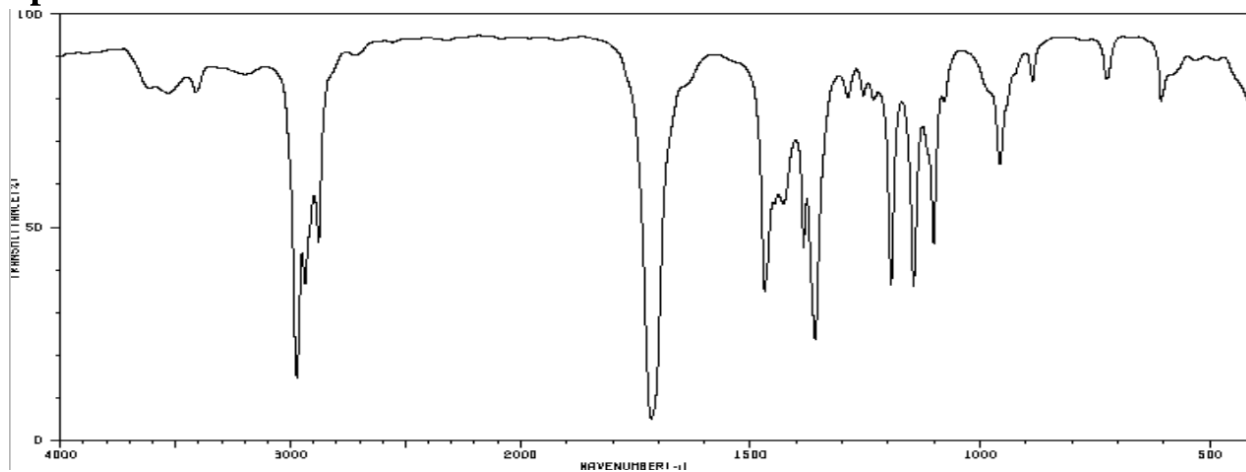
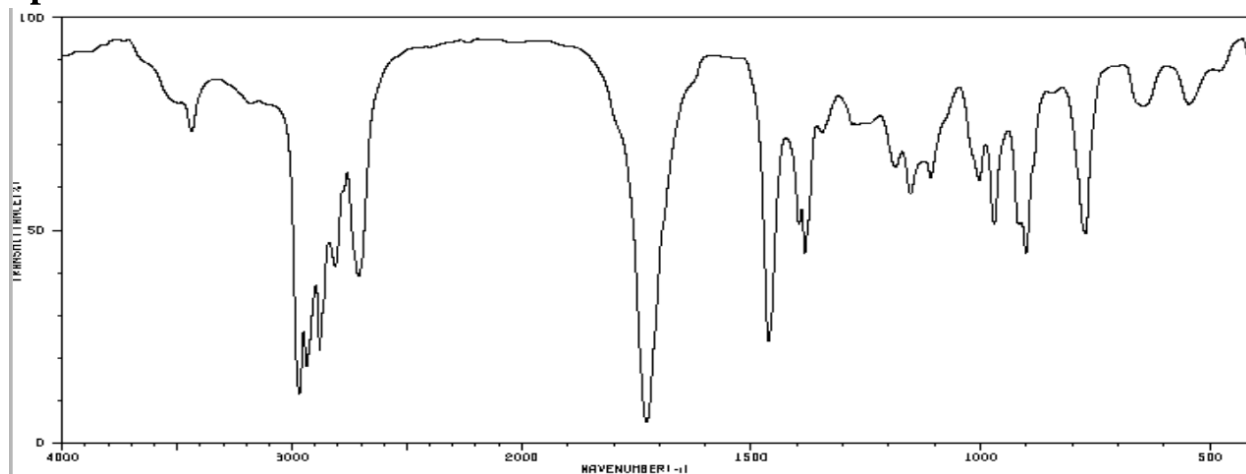
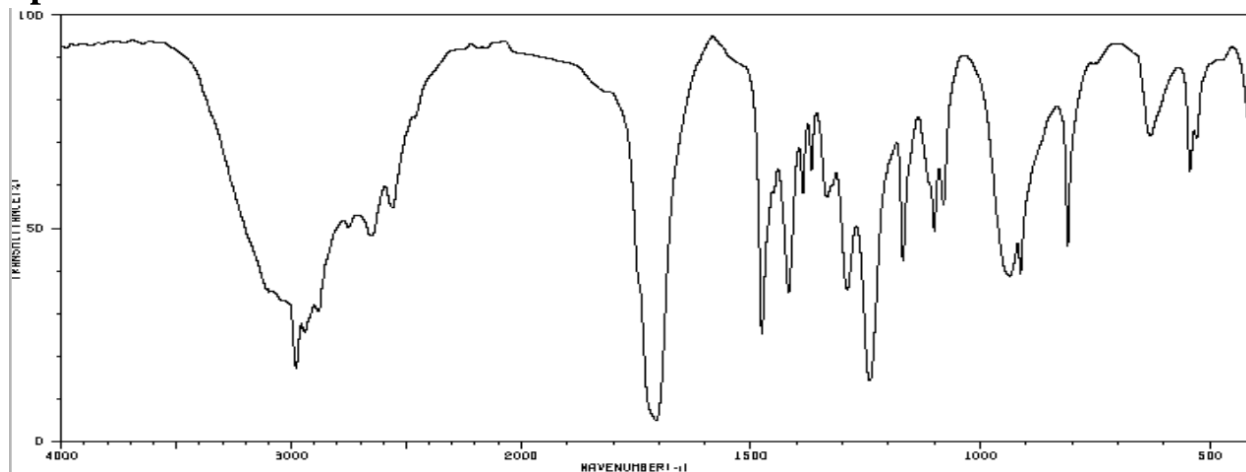
13. Describe how IR spectroscopy might be used to monitor the progress of the following reaction. Be sure to include the range in which you expect each type of functional group peaks to appear or disappear.



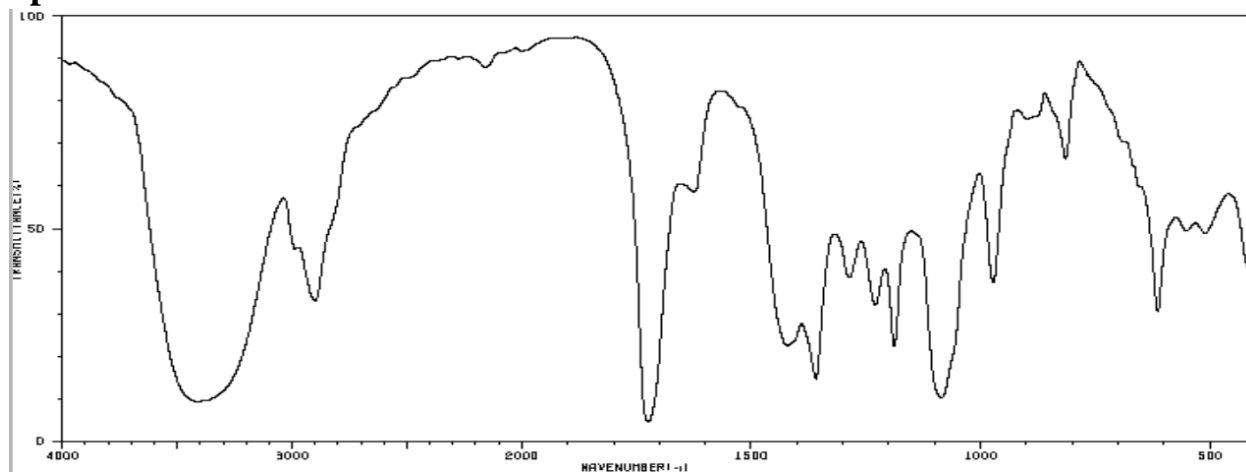
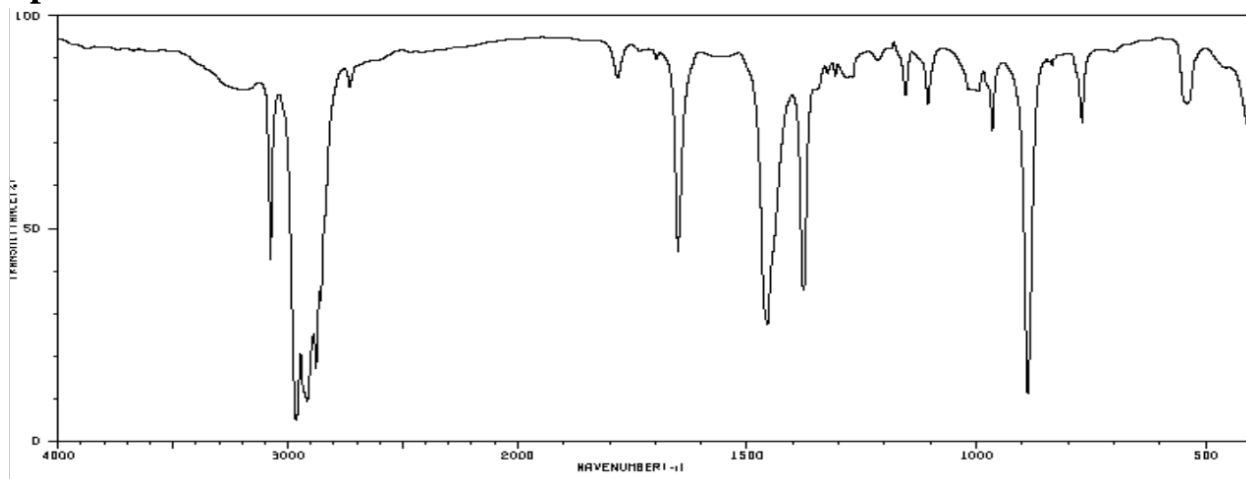
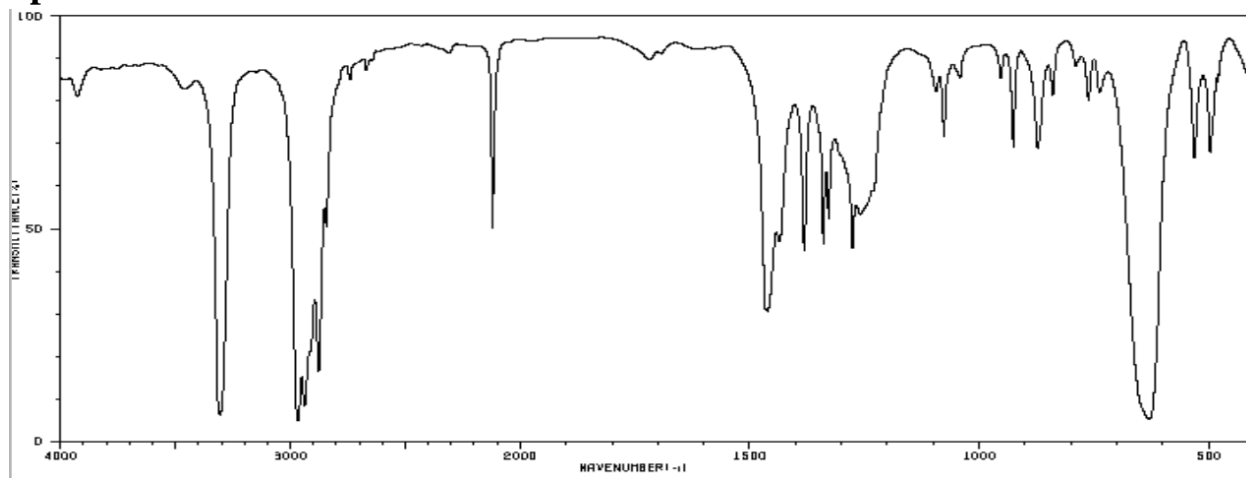
You only need to submit the first page of this assignment for grading.

Spectra A**Spectra B****Spectra C**

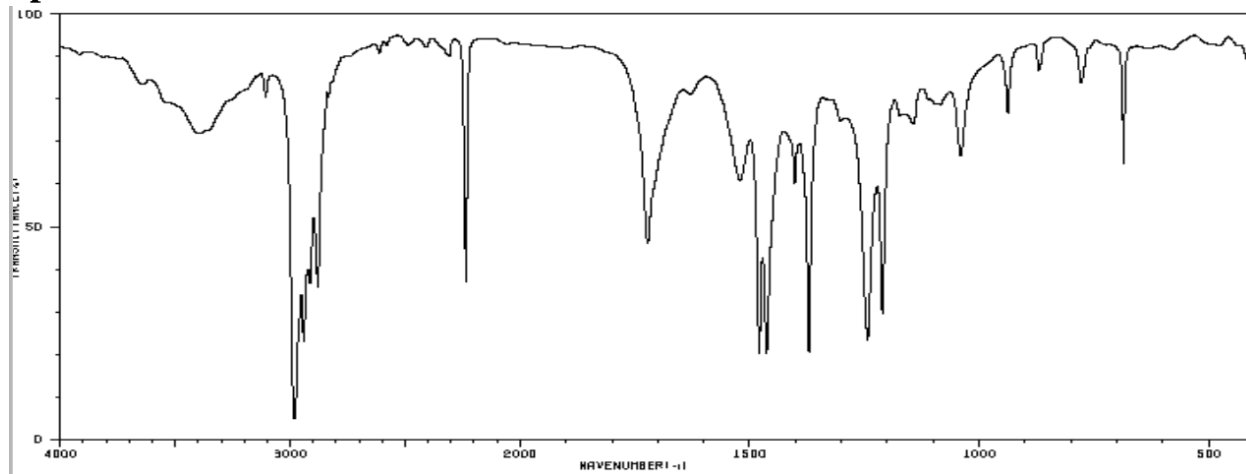
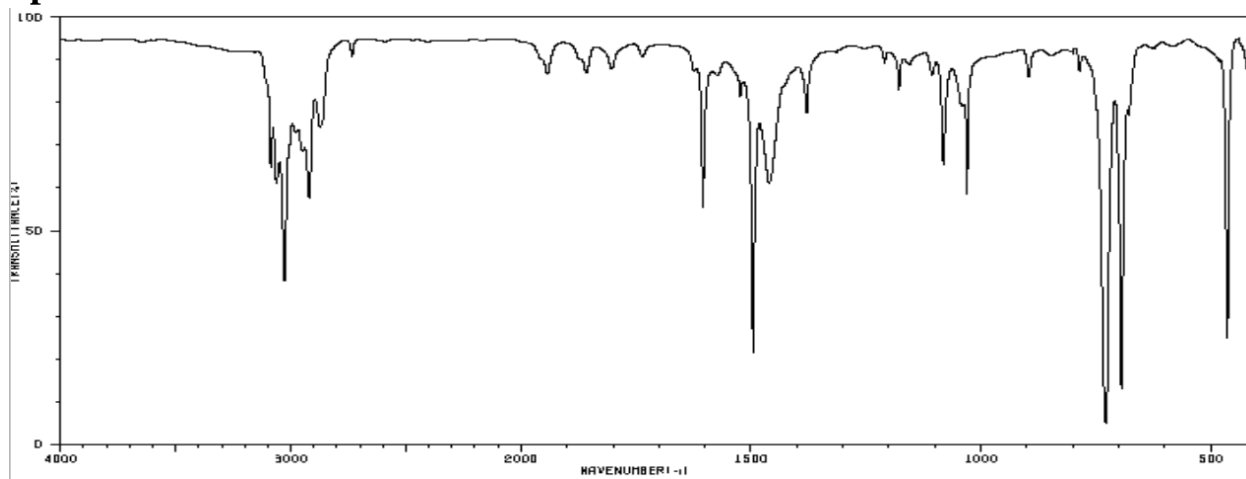
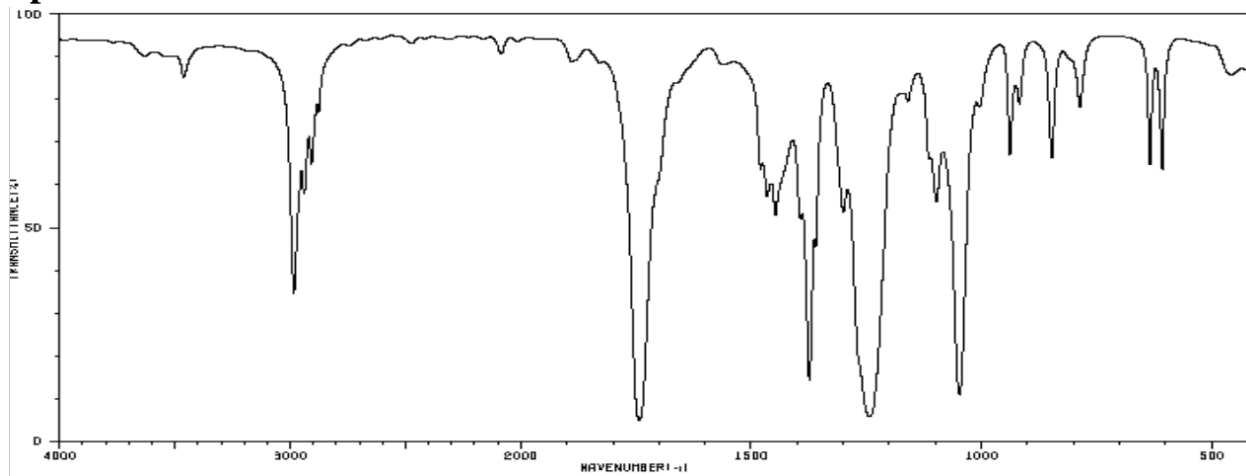
You only need to submit the first page of this assignment for grading.

Spectra D**Spectra E****Spectra F**

You only need to submit the first page of this assignment for grading.

Spectra G**Spectra H****Spectra I**

You only need to submit the first page of this assignment for grading.

Spectra J**Spectra K****Spectra L**

You only need to submit the first page of this assignment for grading.