

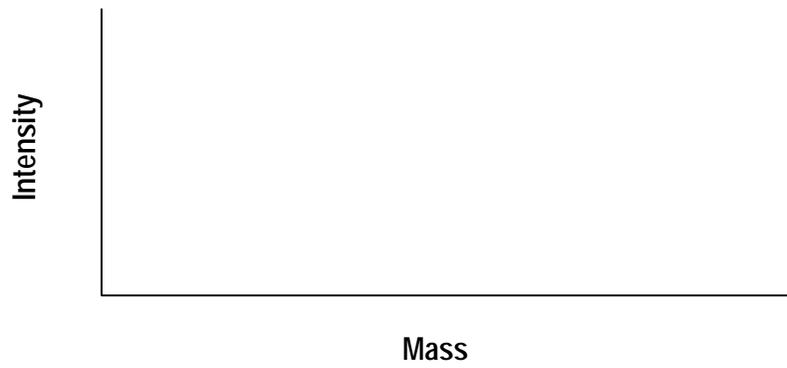
**The Sun and Solar Wind:  
A Search for the Beginning**

**Analyzing Tiny Samples Using  
Mass Spectrometry**

REPORTING/DATA SHEET

PART 1

Figure 1



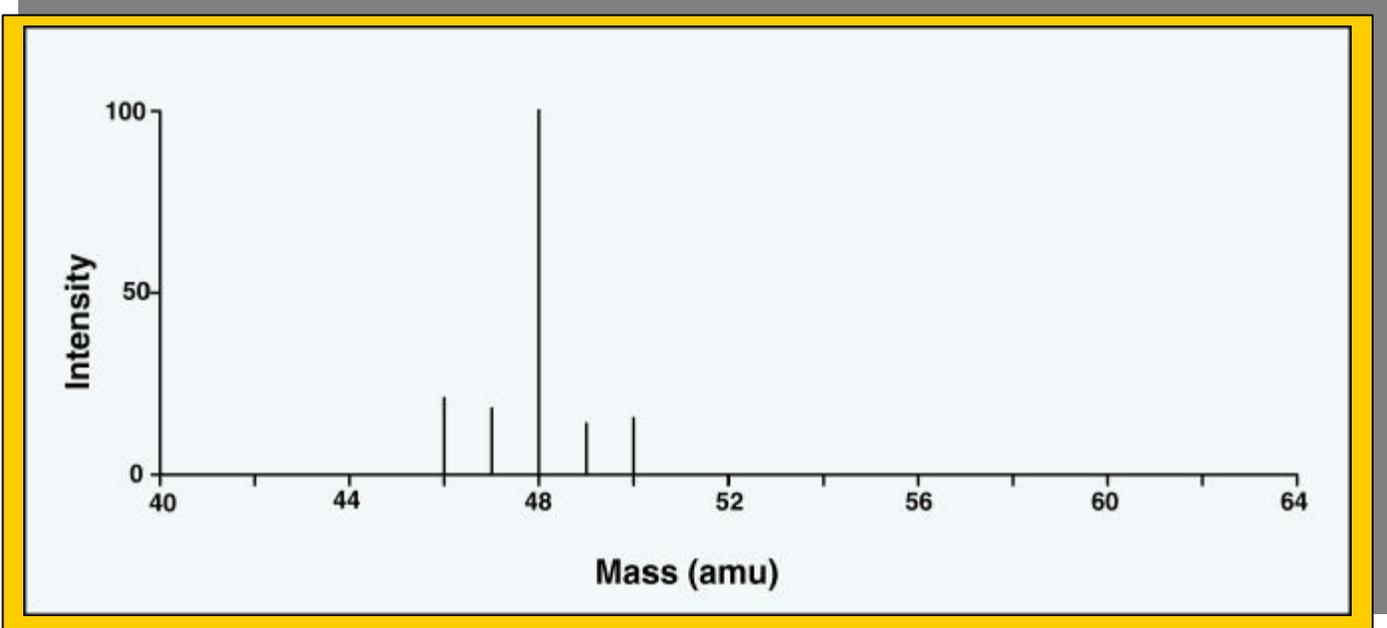
PART 2

Figure 2

Isotope	Mass number	Actual Mass	% Natural Abundance	Relative Abundance

1. What would be the units on relative abundance?
2. Design your histogram in this space.

Figure 3

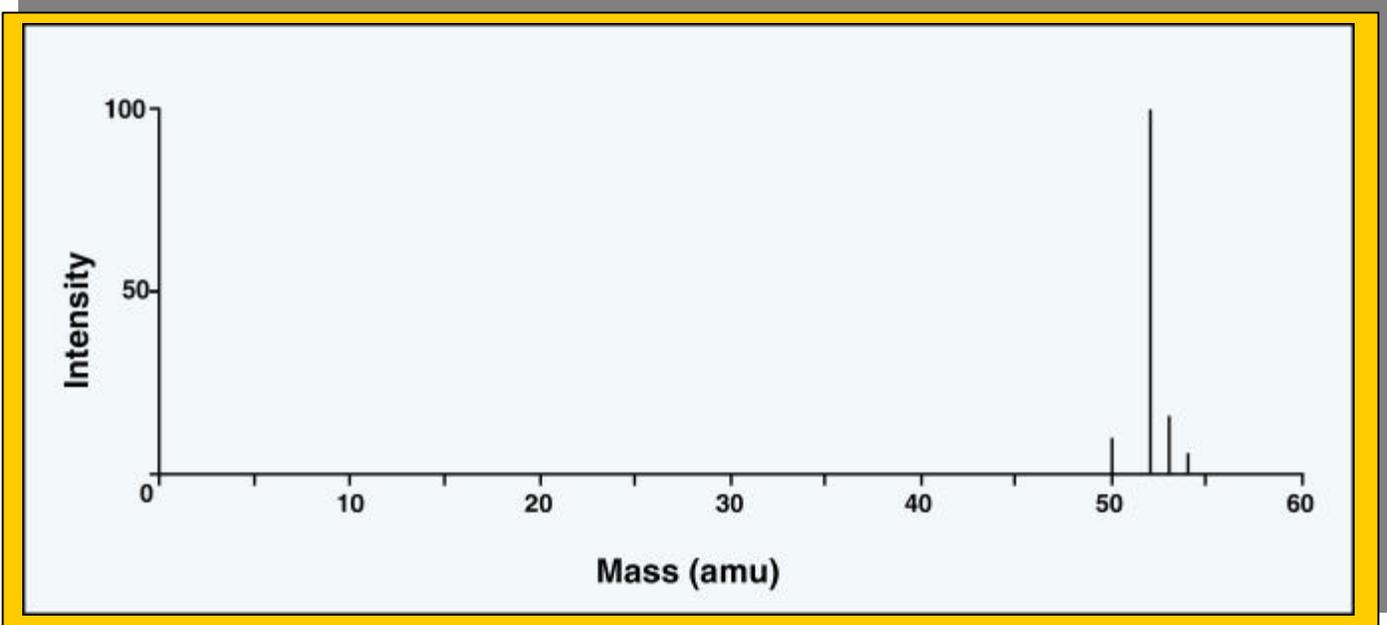


PART 3

1. How many naturally occurring isotopes of Ti exist? \_\_\_\_\_
2. What is the most abundant isotope of Ti? \_\_\_\_\_
3. What is the least abundant isotope of Ti? \_\_\_\_\_

PART 4

Figure 4

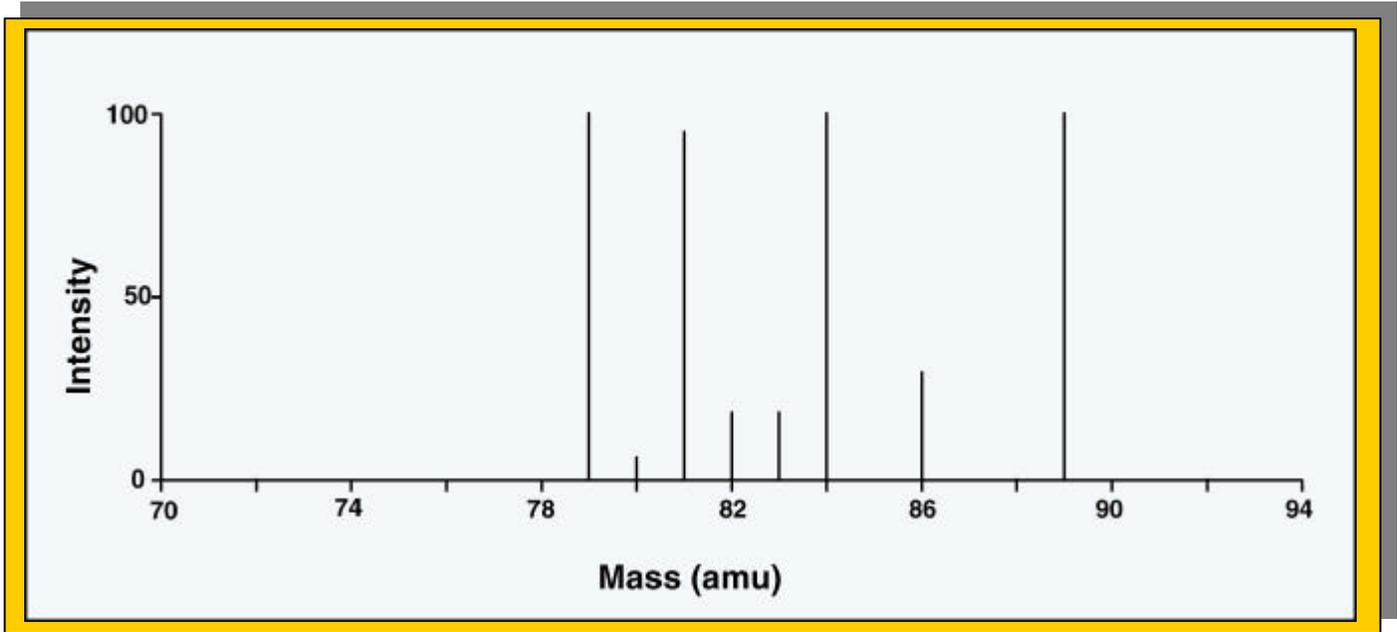


1. List in the space below the steps that you would take in identifying the element.

2. The element is: \_\_\_\_\_

PART 5

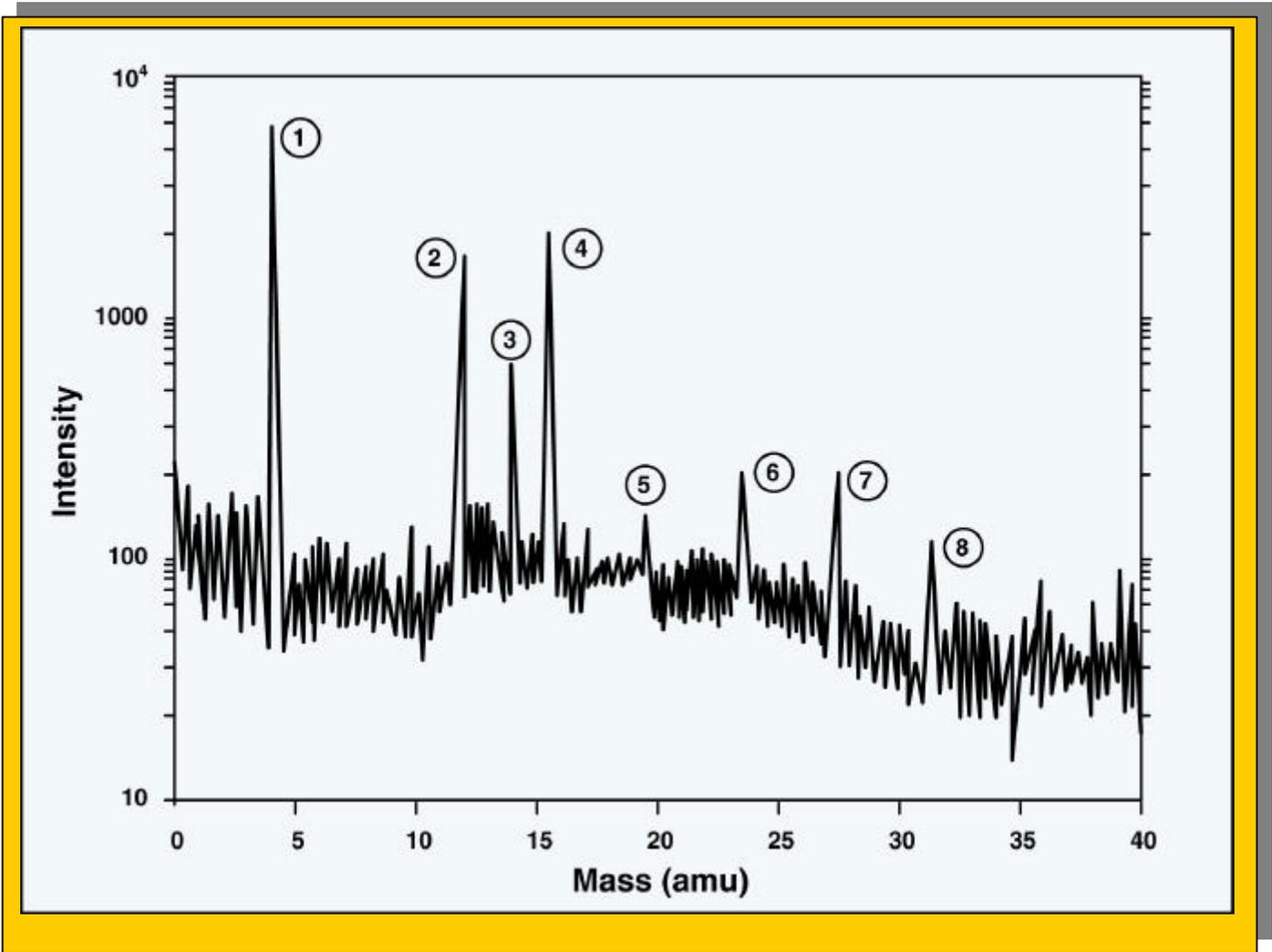
Figure 5



The elements found in the mixture are: \_\_\_\_\_

PART 6

Figure 6



In the space below, write a brief report in which you identify the eight major components of the WIND Spacecraft sample.