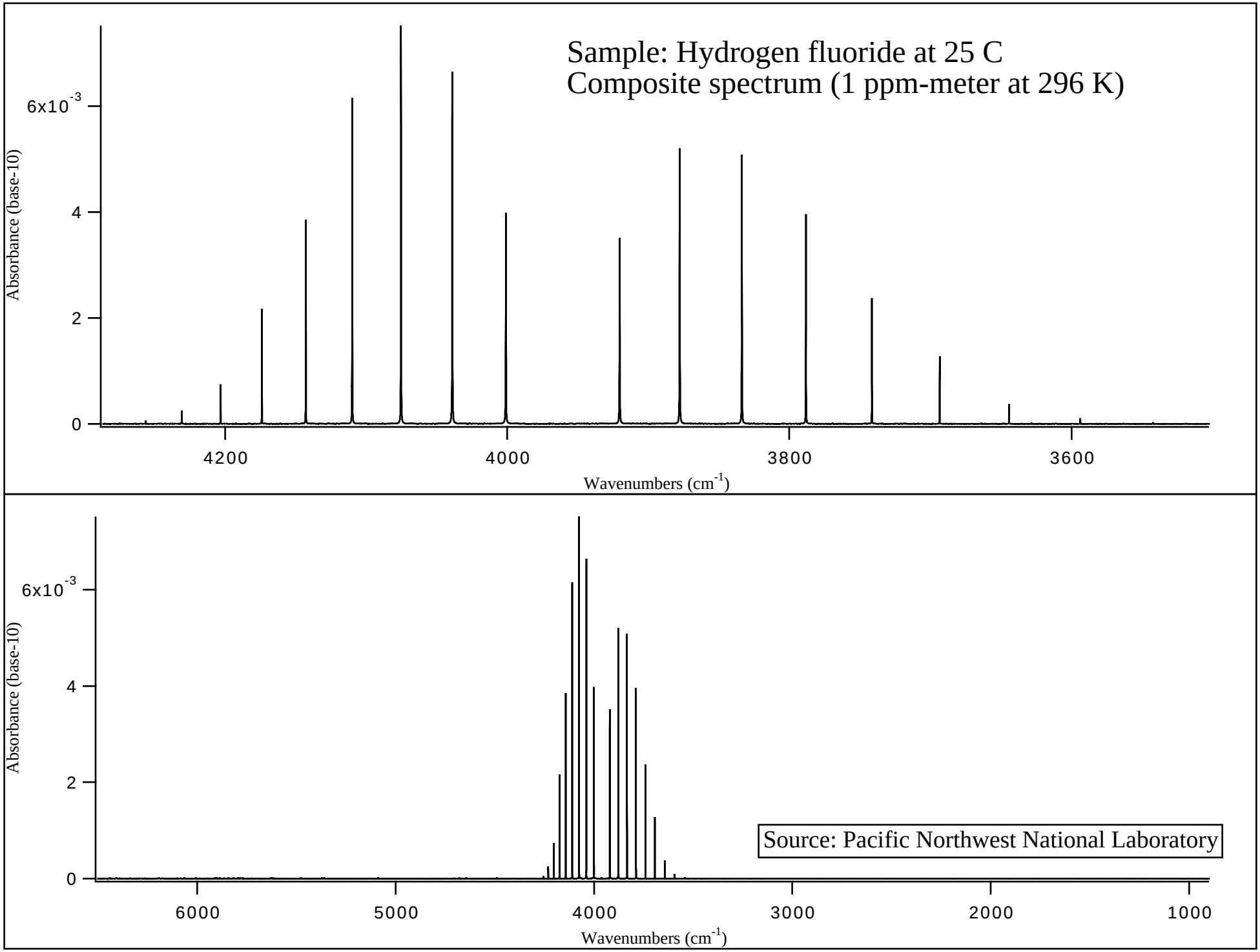
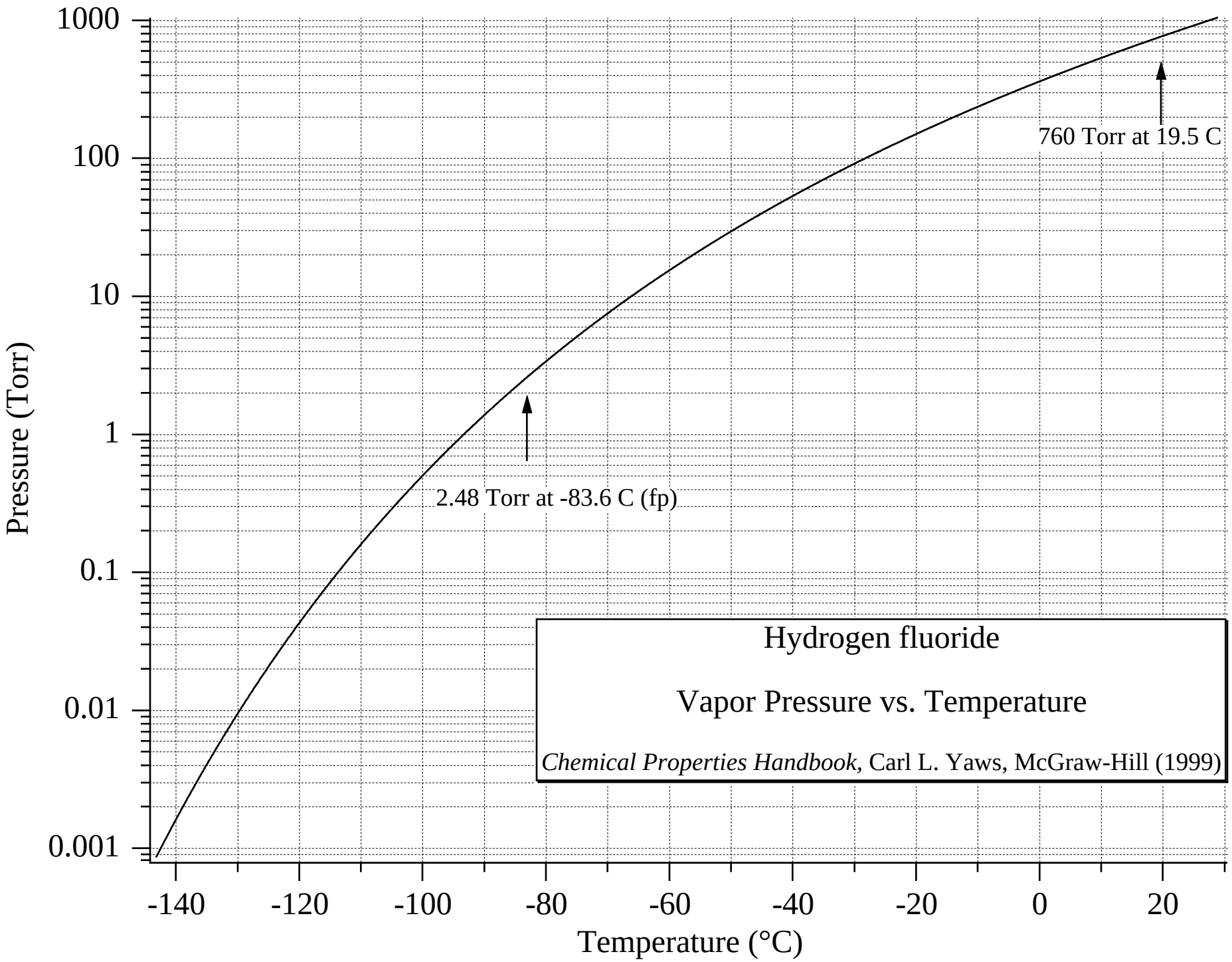

Sample: Hydrogen fluoride at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
6x10-3
4
2
0
4200
4000
3800
3600
Wavenumbers (cm-1)
Absorbance (base-10)
6x10-3
4
2
0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
Source: Pacific Northwest National Laboratory


1000
100
10
1
0.1
0.01
0.001
Pressure (Torr)
-140
-120
-100
-80
-60
-40
-20
0
20
Temperature (°C)
760 Torr at 19.5 C
2.48 Torr at -83.6 C (fp)
Hydrogen fluoride
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)