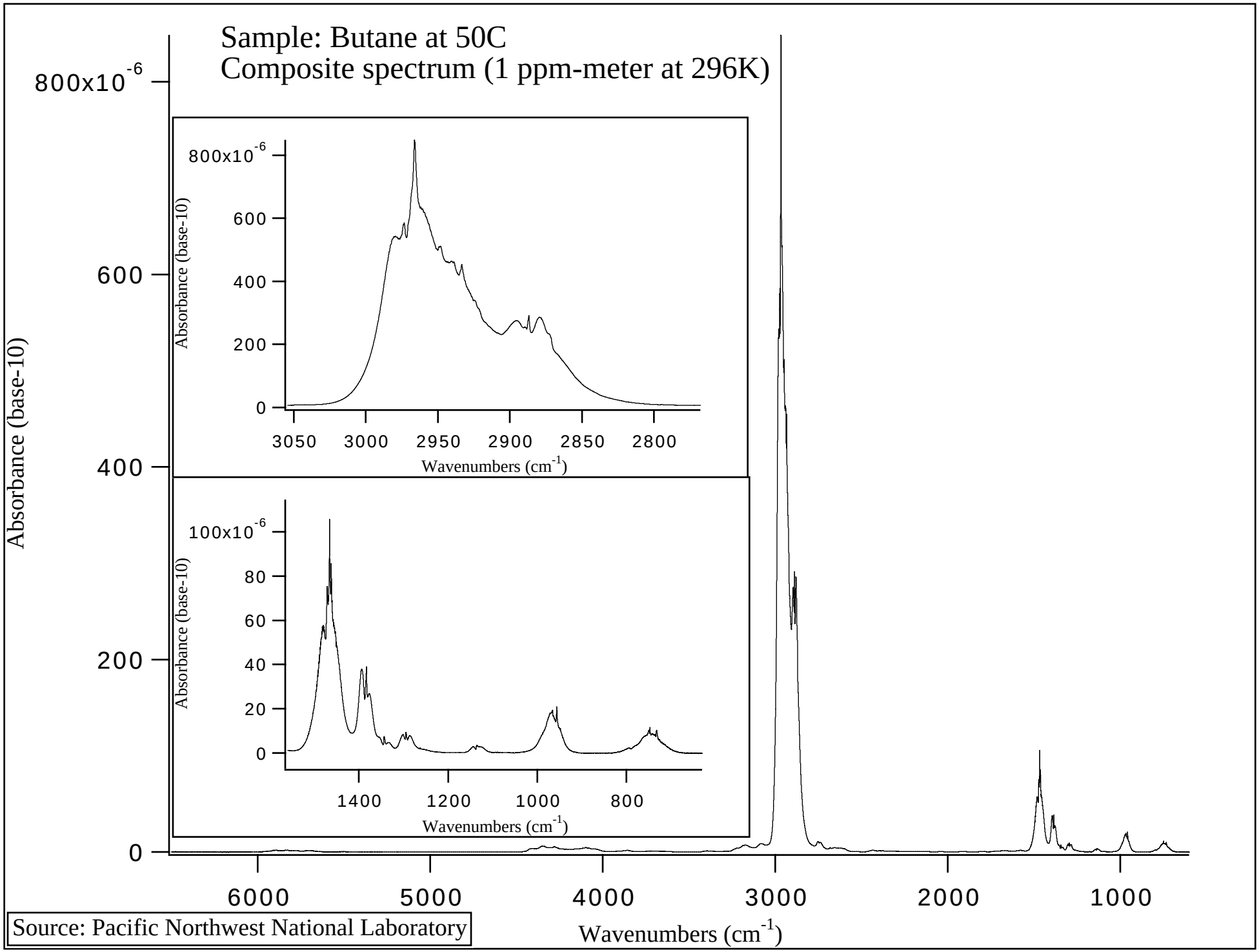
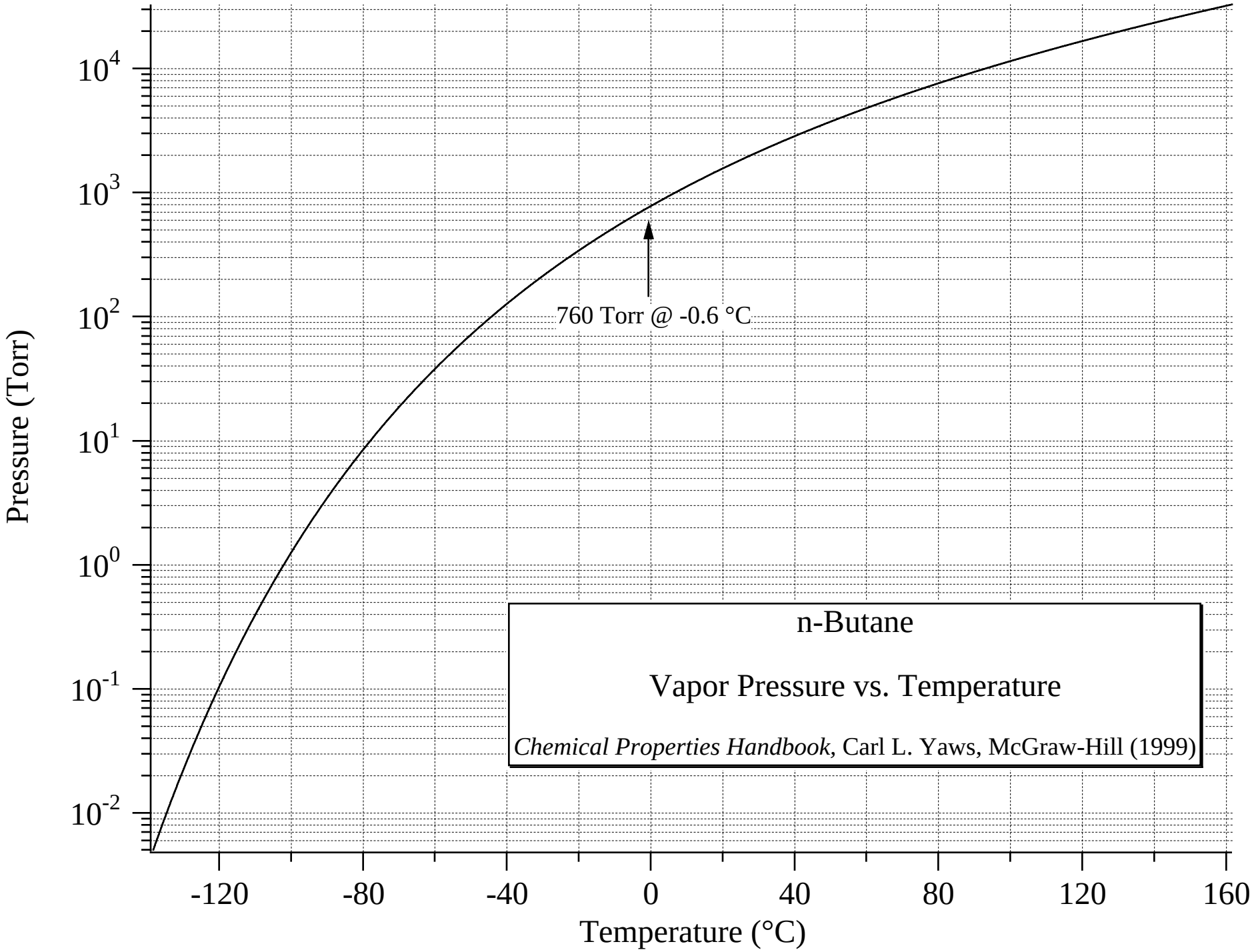

Sample: Butane at 50C
Composite spectrum (1 ppm-meter at 296K)
800x10-6
600
400
200
0
Absorbance (base-10)
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
800x10-6
600
400
200
0
Absorbance (base-10)
3050
3000
2950
2900
2850
2800
Wavenumbers (cm-1)
100x10-6
80
60
40
20
0
Absorbance (base-10)
1400
1200
1000
800
Wavenumbers (cm-1)
Source: Pacific Northwest National Laboratory


n-Butane
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)
760 Torr @ -0.6 °C
Pressure (Torr)
10^4
10^3
10^2
10^1
10^0
10^{-1}
10^{-2}
-120
-80
-40
0
40
80
120
160
Temperature (°C)