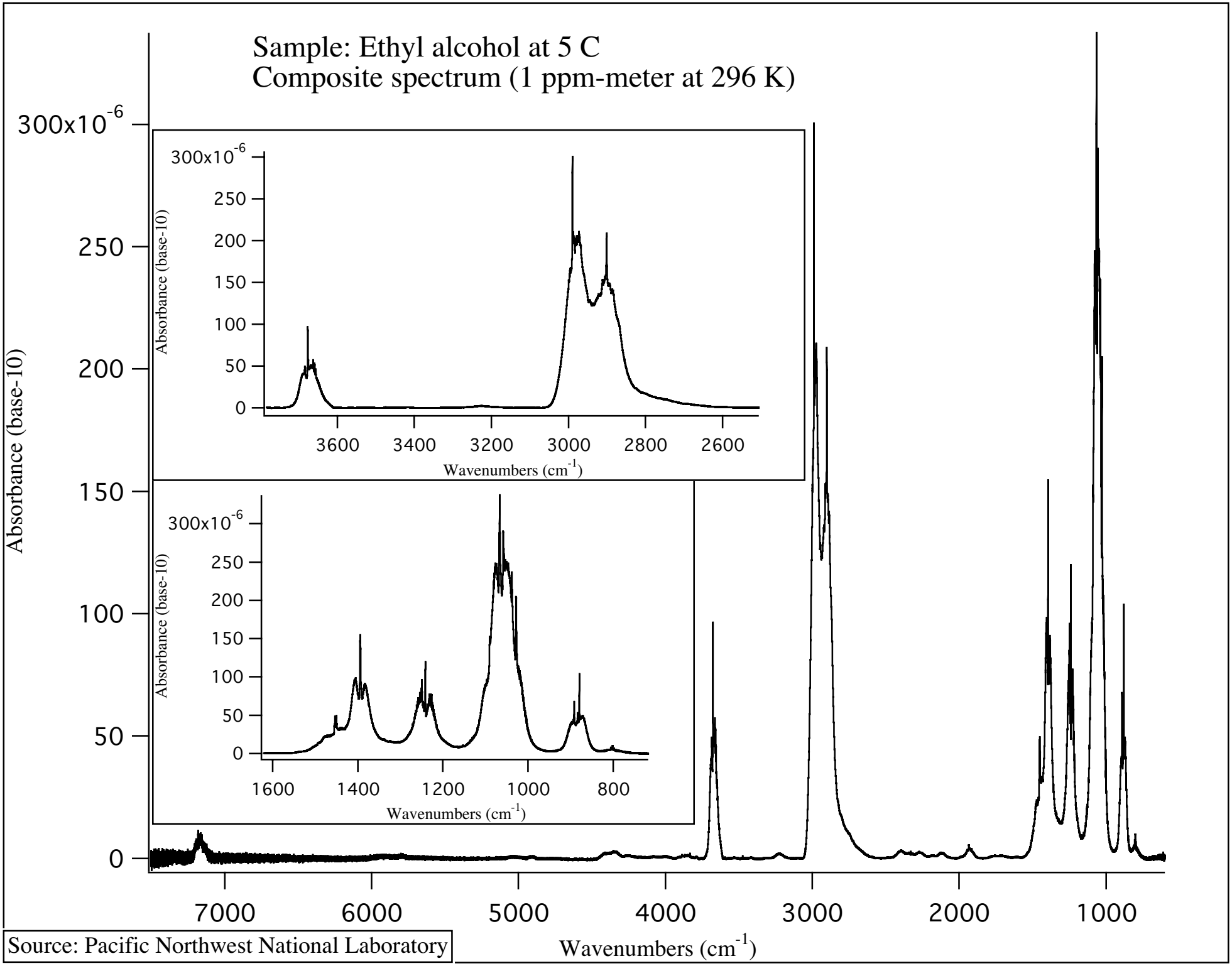
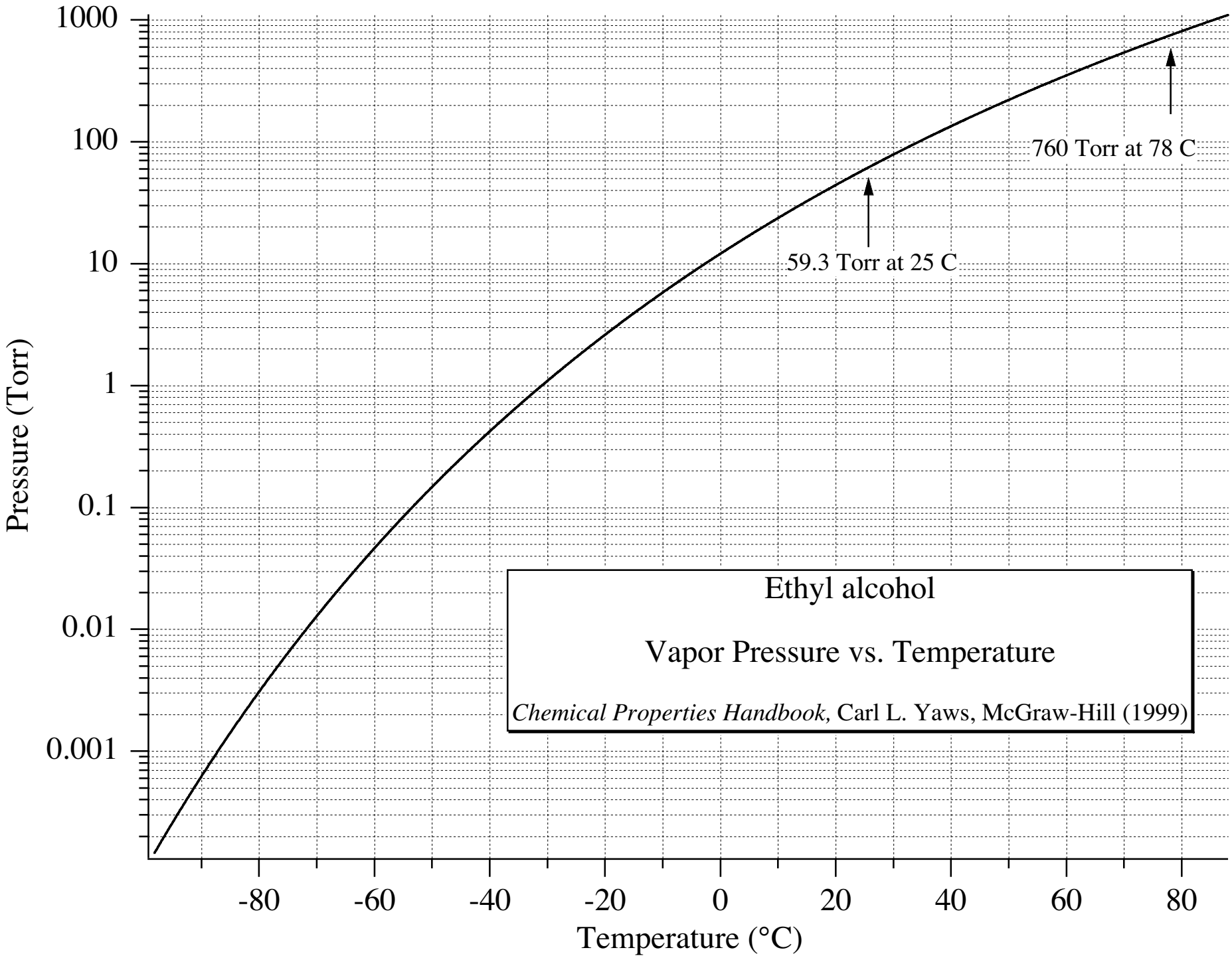

Sample: Ethyl alcohol at 5 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
300x10-6
250
200
150
100
50
0
7000
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
3600
3400
3200
3000
2800
2600
1600
1400
1200
1000
800
Source: Pacific Northwest National Laboratory


1000
100
10
1
0.1
0.01
0.001
Pressure (Torr)
-80
-60
-40
-20
0
20
40
60
80
Temperature (°C)
760 Torr at 78 C
59.3 Torr at 25 C
Ethyl alcohol
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)