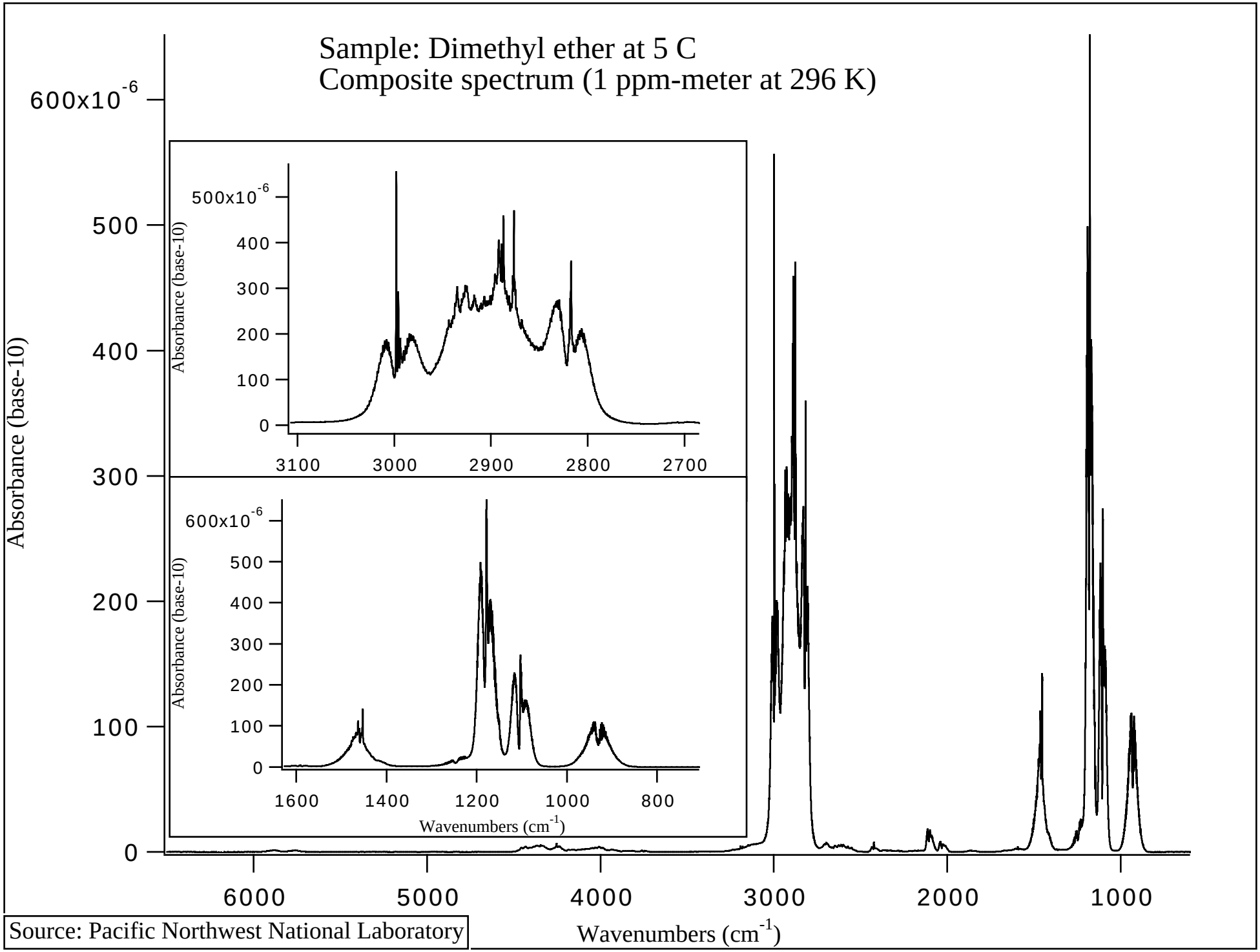
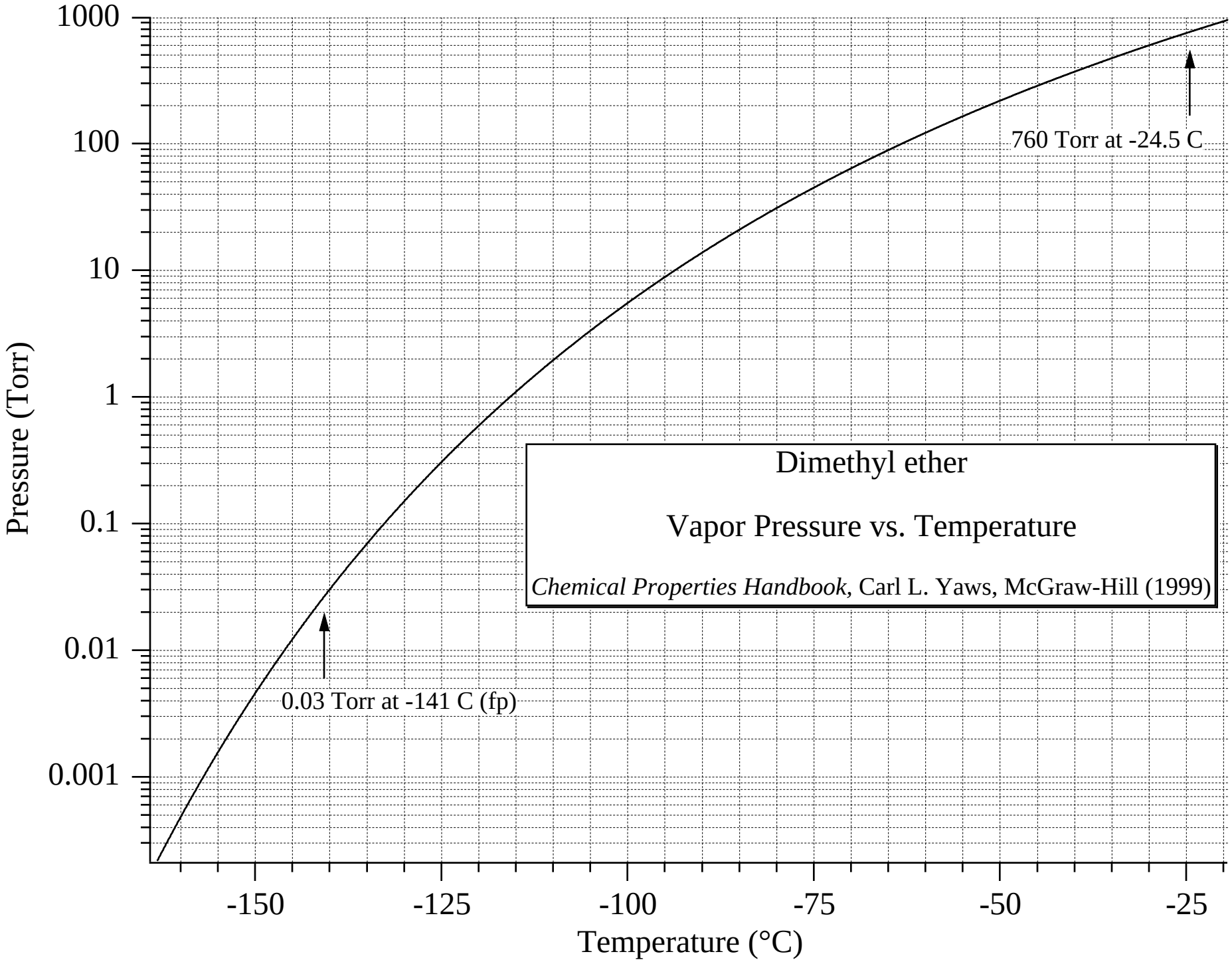

Sample: Dimethyl ether at 5 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
600x10-6
500
400
300
200
100
0
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
500x10-6
3100
3000
2900
2800
2700
1600
1400
1200
1000
800
Source: Pacific Northwest National Laboratory


Dimethyl ether
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)
760 Torr at -24.5 C
0.03 Torr at -141 C (fp)
Pressure (Torr)
1000
100
10
1
0.1
0.01
0.001
-150
-125
-100
-75
-50
-25
Temperature (°C)