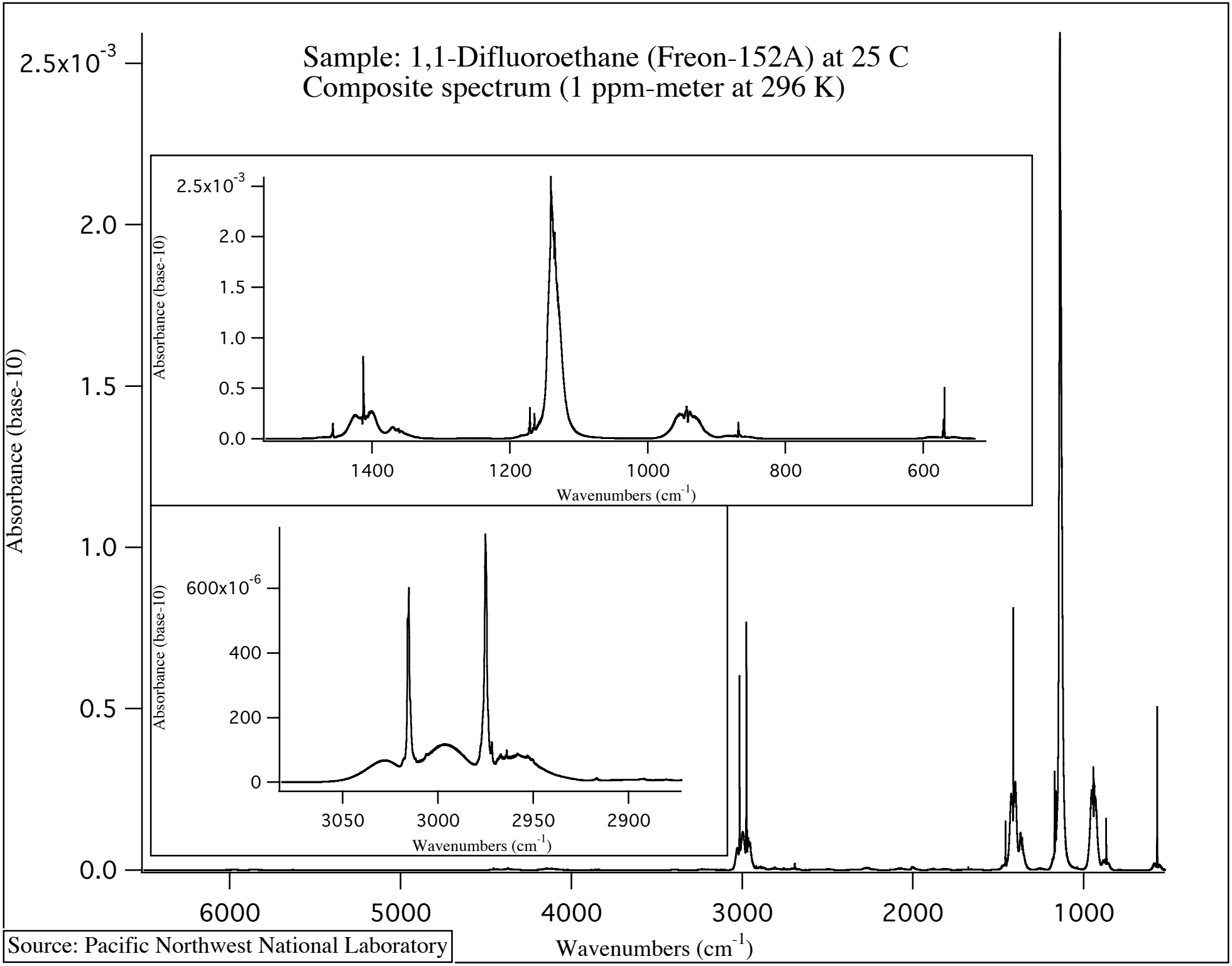
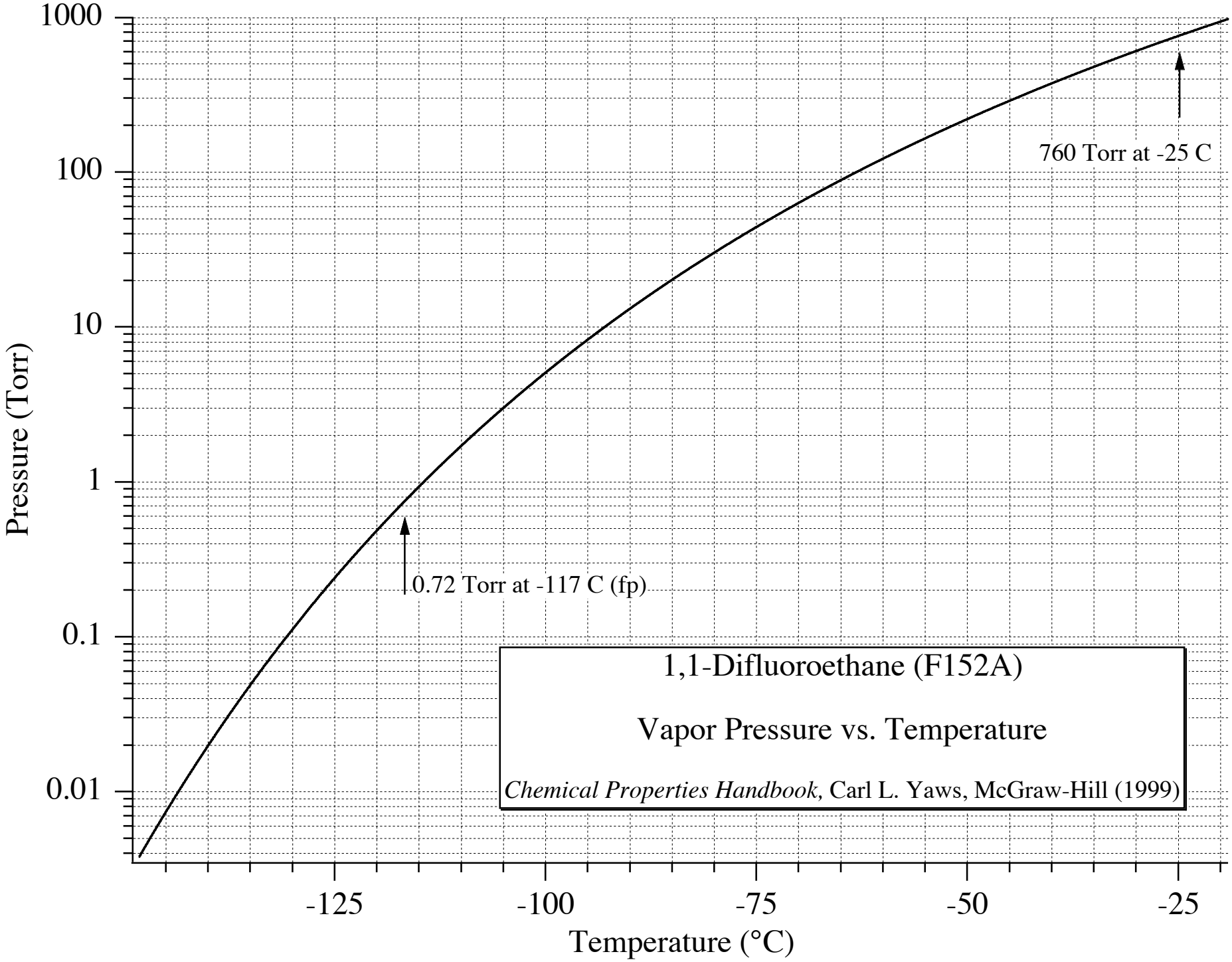

Sample: 1,1-Difluoroethane (Freon-152A) at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
Wavenumbers (cm-1)
2.5x10-3
2.0
1.5
1.0
0.5
0.0
6000
5000
4000
3000
2000
1000
1400
1200
1000
800
600
600x10-6
400
200
0
3050
3000
2950
2900
Source: Pacific Northwest National Laboratory


1000
100
10
1
0.1
0.01
Pressure (Torr)
-125
-100
-75
-50
-25
Temperature (°C)
760 Torr at -25 C
0.72 Torr at -117 C (fp)
1,1-Difluoroethane (F152A)
Vapor Pressure vs. Temperature
Chemical Properties Handbook, Carl L. Yaws, McGraw-Hill (1999)