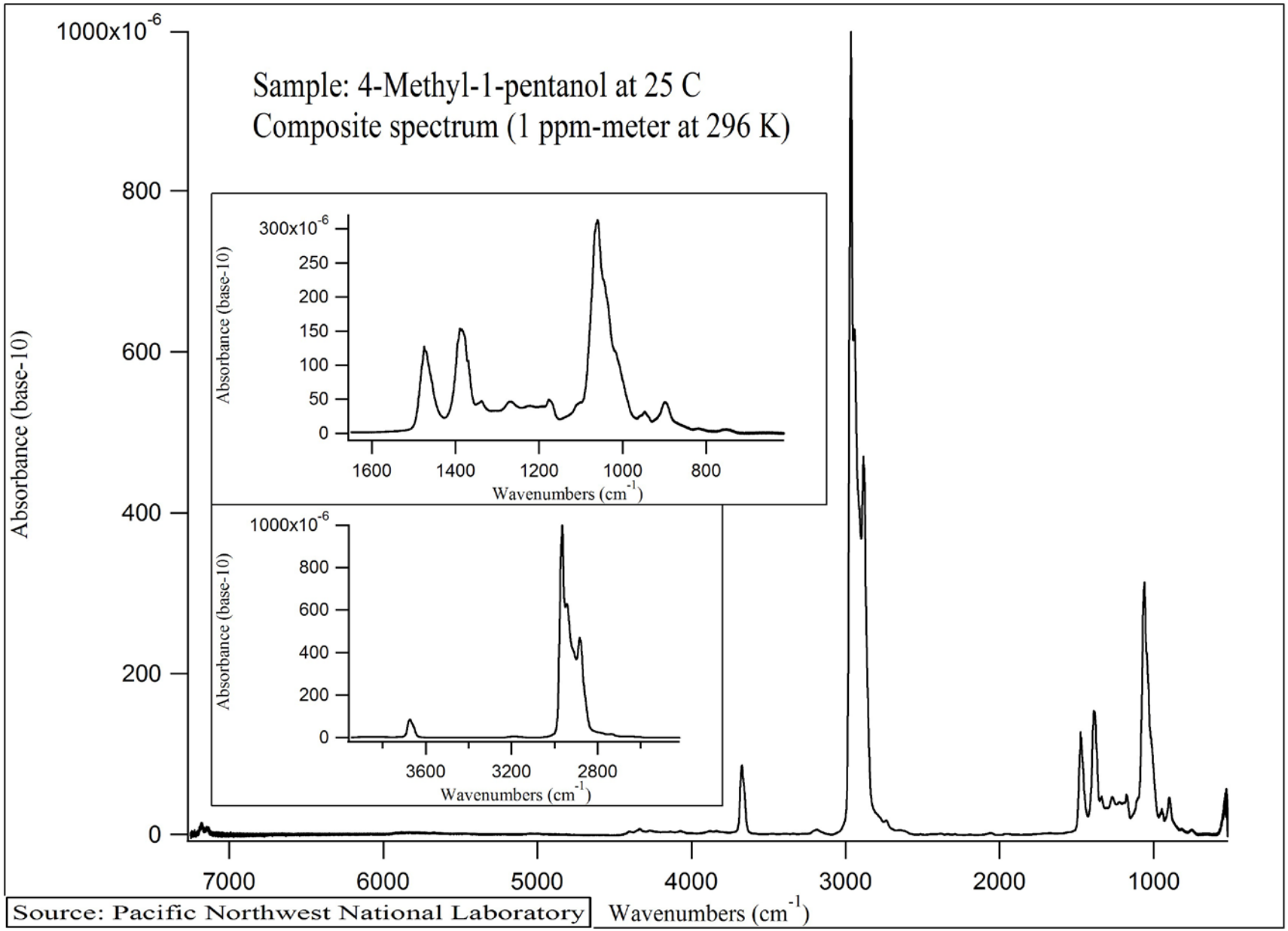
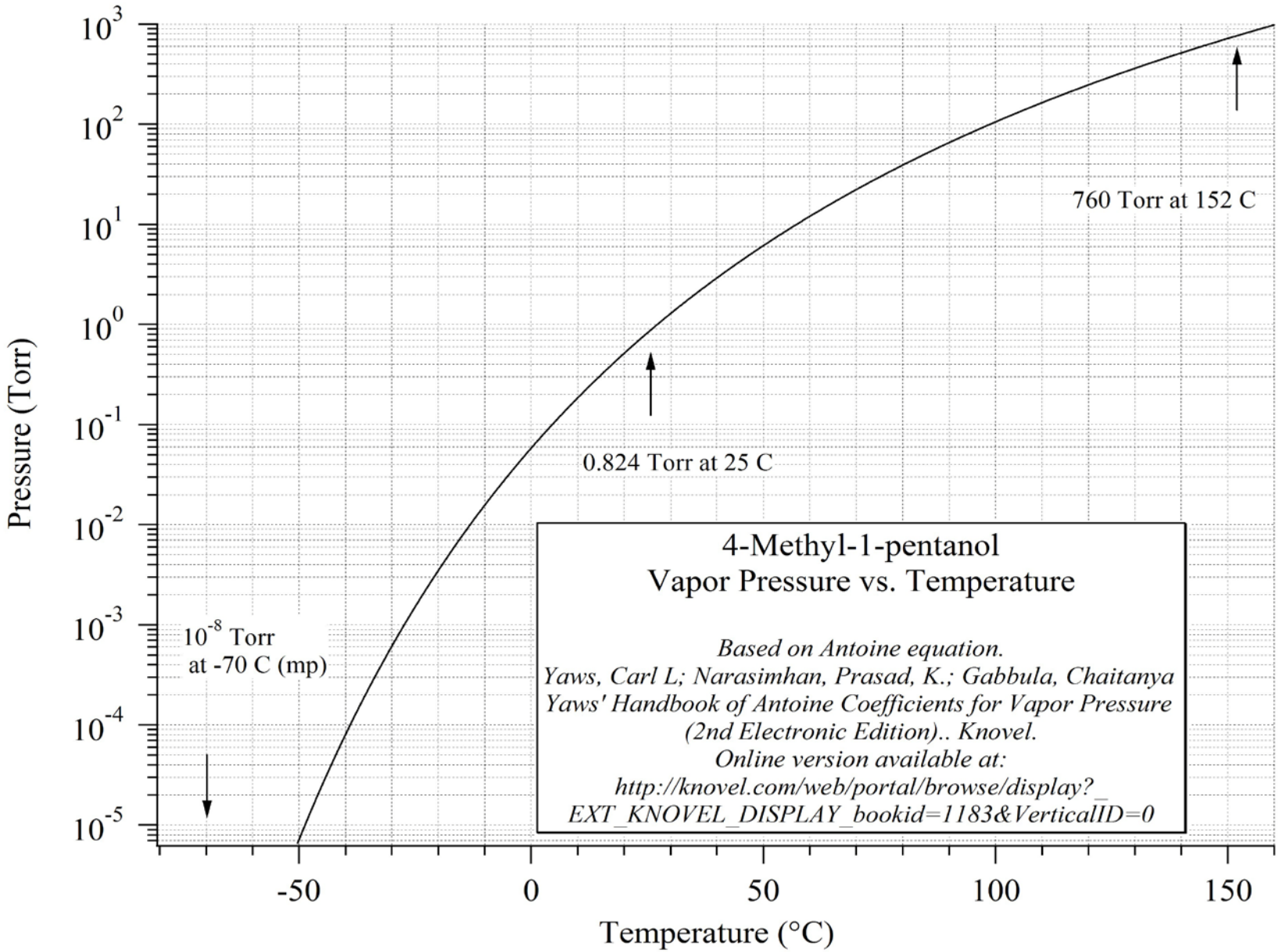

Sample: 4-Methyl-1-pentanol at 25 C
Composite spectrum (1 ppm-meter at 296 K)
Absorbance (base-10)
1000x10-6
800
600
400
200
0
7000
6000
5000
4000
3000
2000
1000
Wavenumbers (cm-1)
300x10-6
250
200
150
100
50
1600
1400
1200
1000
800
1000x10-6
3600
3200
2800
Source: Pacific Northwest National Laboratory


4-Methyl-1-pentanol
Vapor Pressure vs. Temperature
Based on Antoine equation.
Yaws, Carl L; Narasimhan, Prasad, K.; Gabbula, Chaitanya
Yaws' Handbook of Antoine Coefficients for Vapor Pressure
(2nd Electronic Edition).. Knovel.
Online version available at:
http://knovel.com/web/portal/browse/display?_
EXT_KNOVEL_DISPLAY_bookid=1183&VerticalID=0
760 Torr at 152 C
0.824 Torr at 25 C
10^-8 Torr
at -70 C (mp)
Pressure (Torr)
Temperature (°C)
10^3
10^2
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
-50
0
50
100
150