

Chemical Information:

Name: 1,2,3,5-Tetrachlorobenzene
CAS No.: 634-90-2 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200673 Lot No.: 3134X
NTP_CID No.: 17 MW: 215.89 g/mol

Date of Analysis: 16 February 2007

Purity and Identity Results:

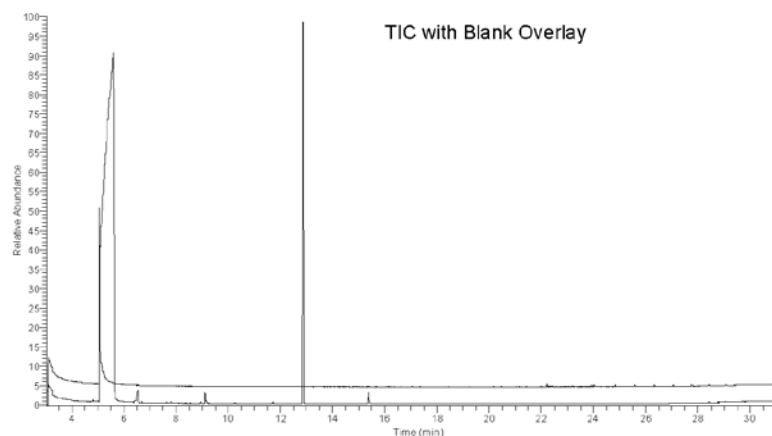
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.60	Not applicable
1,2,3,5-Tetrachlorobenzene	12.87	96.69
unknown	15.39	2.74

^a Peaks comprising $\geq 0.5\%$ of total area.

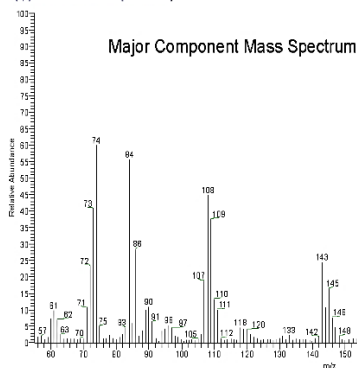
GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (50 mM in DMSO, diluted 1/500 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	50 – 350 amu
Injector Temperature	280°C
Injection Volume / Mode	2 μ L / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05 - 31.49 SM 3G



3761807 #1167 RT: 12.89 AU: 1 NL 3.95E4
T: (1.0) + E der360 (0 Full ms) (50.00-350.00)



NIST Reference Mass Spectrum

