

Chemical Information:

Name: 2,3,6-Trichlorophenol
CAS No.: 933-75-5
Tox21_ID No.: Tox21_201763
NTP_CID No.: 128

Date of Analysis: 4 Apr 2007

Supplier: Sigma-Aldrich
Lot No.: 2199X
MW: 197.45 g/mol

Purity and Identity Results:

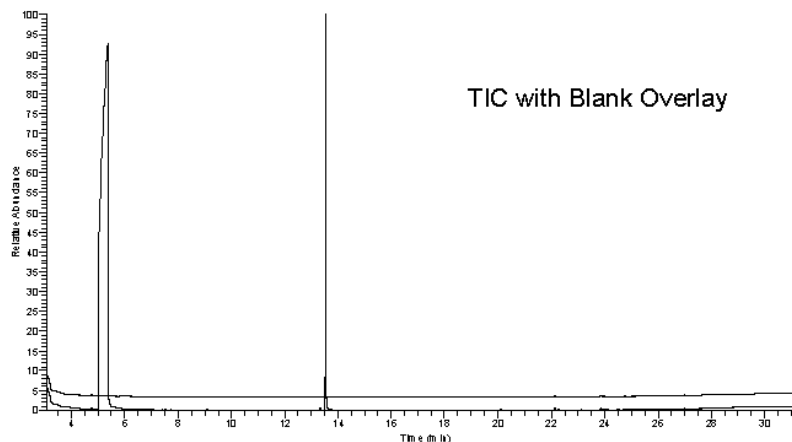
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.35	Not applicable
2,3,6-Trichlorophenol	13.54	99.68

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

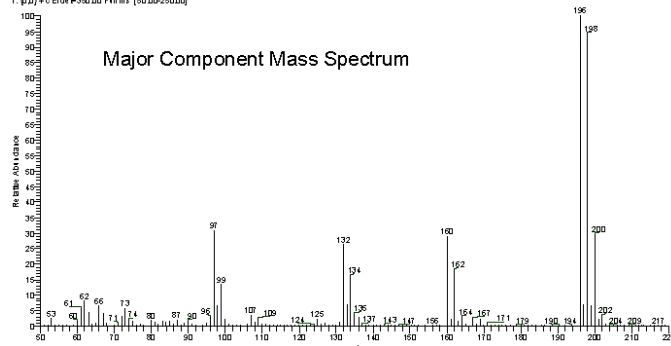
GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 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 – 250 amu
Injector Temperature	250°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 - 31.50 SM: 36



07-04-2007 #1263 RT: 13.53 AM: 1 SE: 2 13.51, 13.58 NL: 247.66
T: (P) +0.000-300.00 F41 ms (60.00-250.00)



NIST Reference Mass Spectrum

