

Chemical Information:

Name: 2,3-Dichlorophenol

Date of Analysis: 4 Apr 2007

CAS No.: 576-24-9

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_200909

Lot No.: 09626CQ

NTP_CID No.: 137

MW: 163.00 g/mol

Purity and Identity Results:

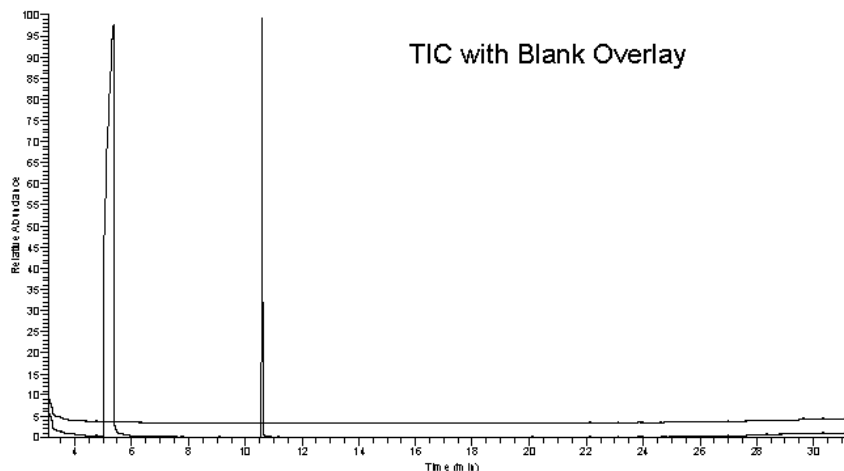
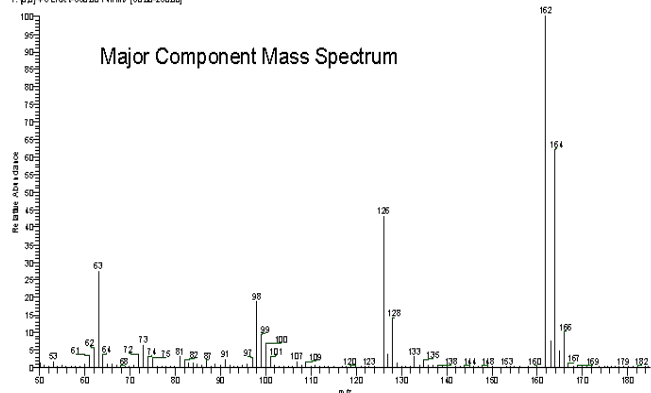
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.36	Not applicable
2,3-Dichlorophenol	10.59	99.79

^a Peaks comprising ≥ 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-μm 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 μL / 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: 3G


07-04-18-0909 RT: 10.59 AV: 1 SE: 2.1055, 10.63 NL: 2.5665
T: (p2) +c Elide +350.00 Full MS (50.00-250.00)


NIST Reference Mass Spectrum

