

Chemical Information:

Name: 1,4-Bis[2-(3,5-dichloropyridyloxy)]benzene
CAS No.: 76150-91-9 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200168 Lot No.: 021K4607
NTP_CID No.: 4071 MW: 402.06 g/mol

Date of Analysis: 26 May 2015

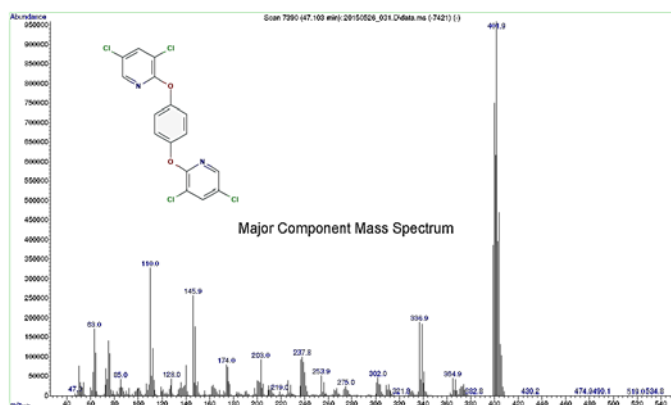
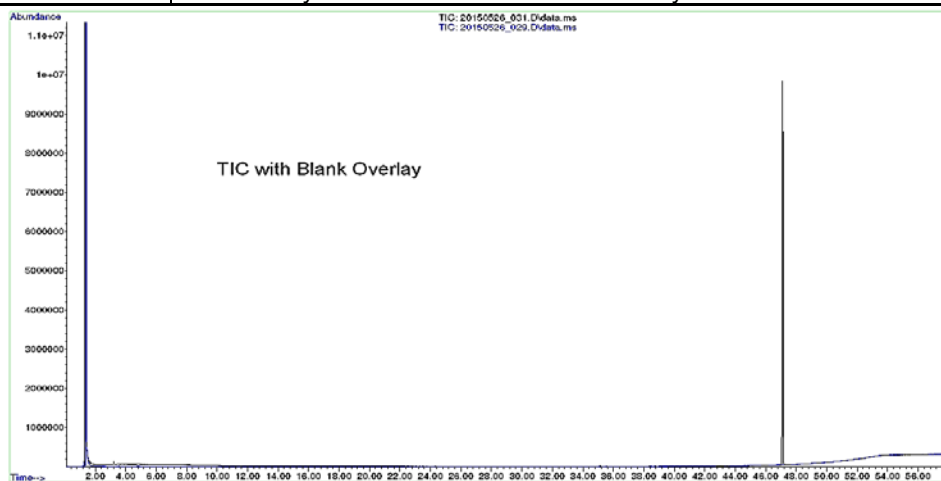
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Acetone/Ethanol	1.40	Not Applicable
Unknown	3.20	0.57
1,4-Bis[2-(3,5-dichloropyridyloxy)]benzene	47.11	99.43

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone/Ethanol (~0.4 mg/mL)
Column	Rxi-5Sil MS, 30 m x 0.25 mm ID, 0.50- μ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 600 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / Chemstation Enhanced Data Analysis F.01.01.2317 / NIST Library Version 2.2 Build 2014



m/z	Molecular Ion / Fragment
402	Mass ion
146	C ₅ H ₂ NCI ₂
110	C ₅ HNCI