

MS/MS Parameters of Pesticides

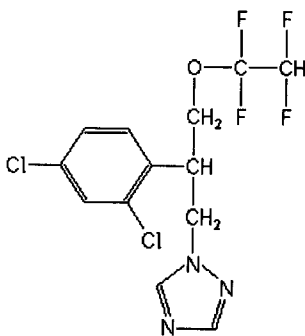
Analyte: Tetraconazole

CAS No.: 112281-77-3

Formula: C₁₃H₁₁Cl₂F₄N₃O

Molecular mass (lowest isotopes): 371,02 amu

Structure:



Ionisation: ESI +

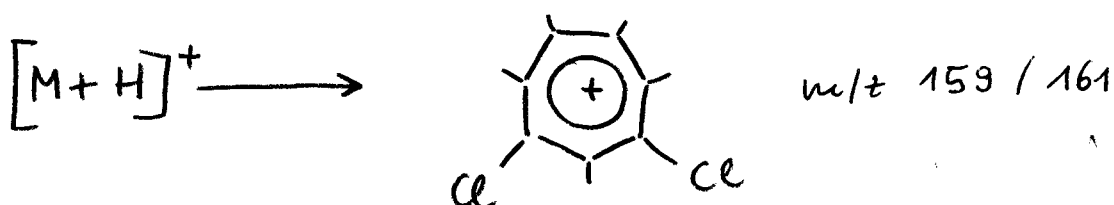
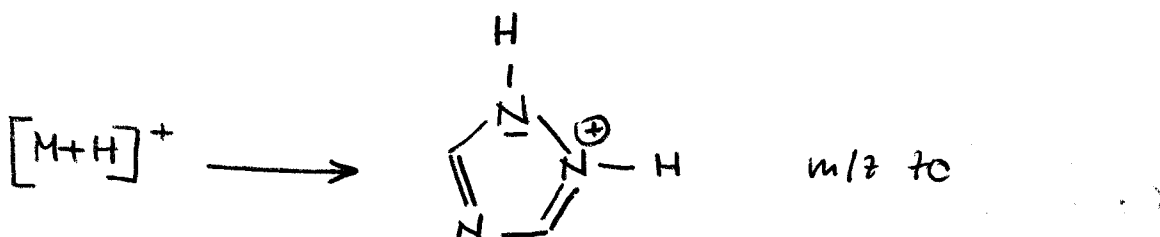
Quasimolecular ion: 372,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	372,0 → 159,0	372,0 → 70,0
Declustering potential (DP)*)	41 V	41 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	10,0 V	10,5 V
Collision cell entrance potential (CEP)	20 V	22 V
Collision energy (CE)	39 V	47 V
Collision cell exit potential (CXP)	8 V	10 V

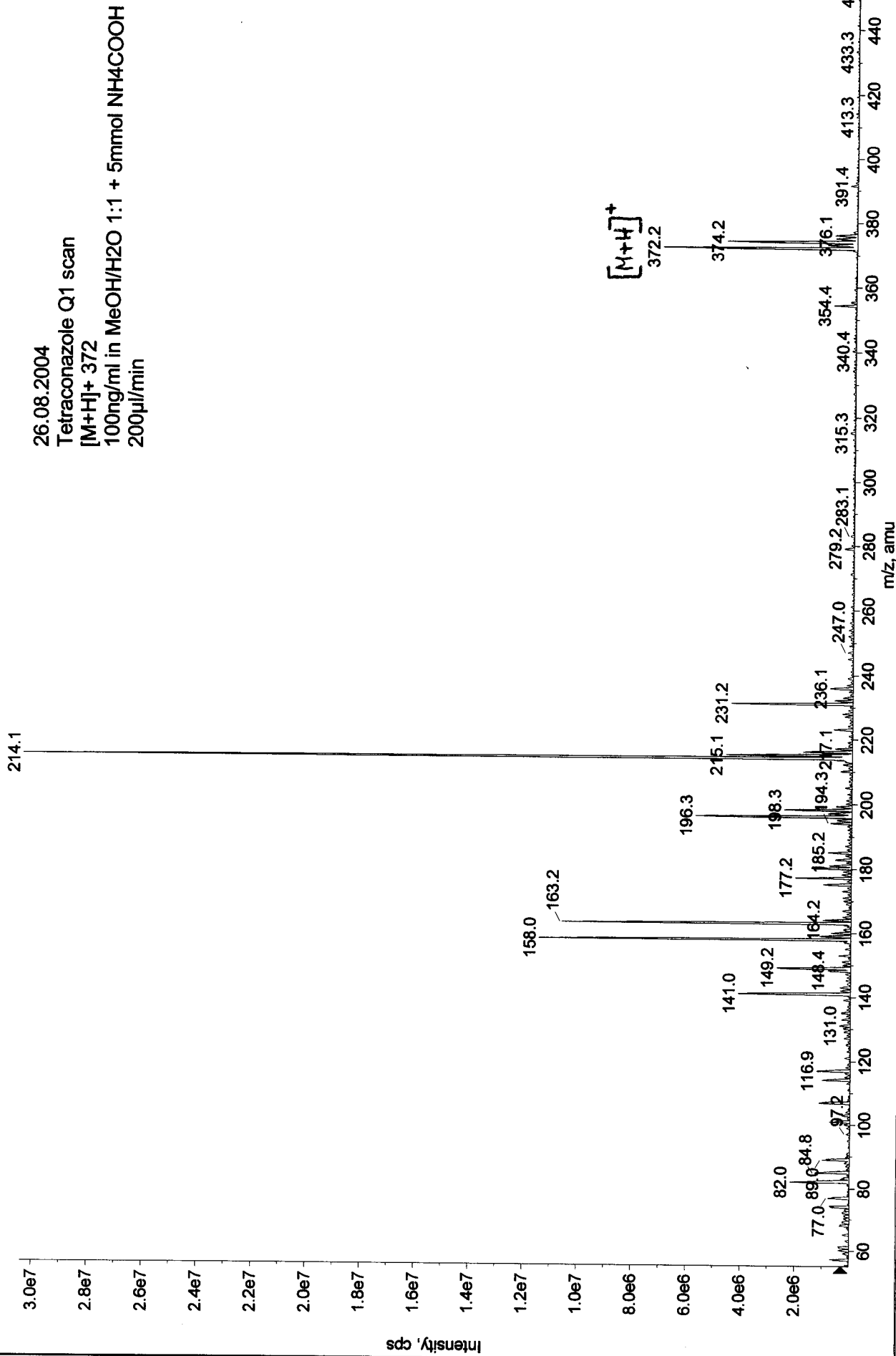
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation

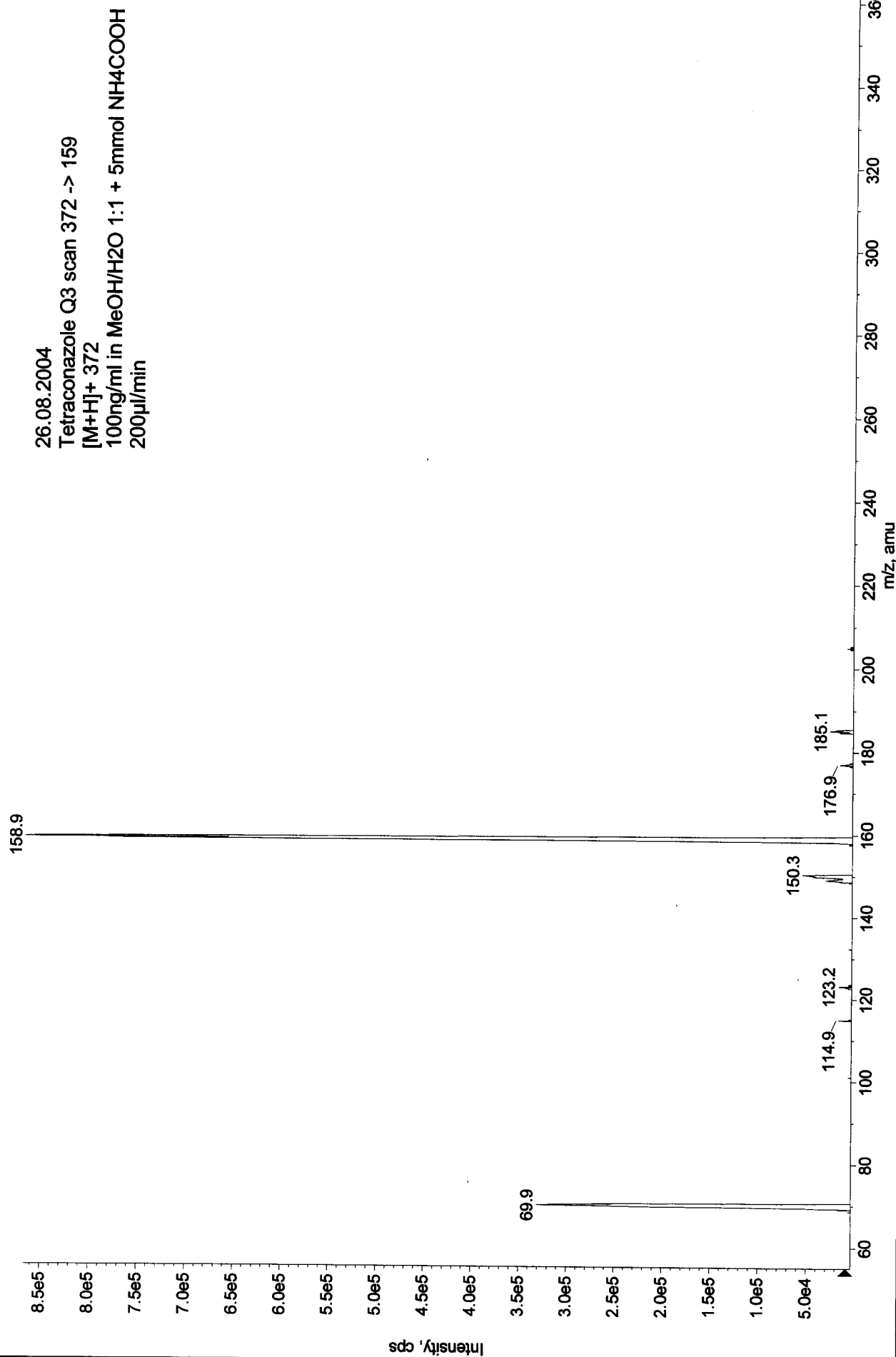


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826133122.wiff (Turbo Spray)

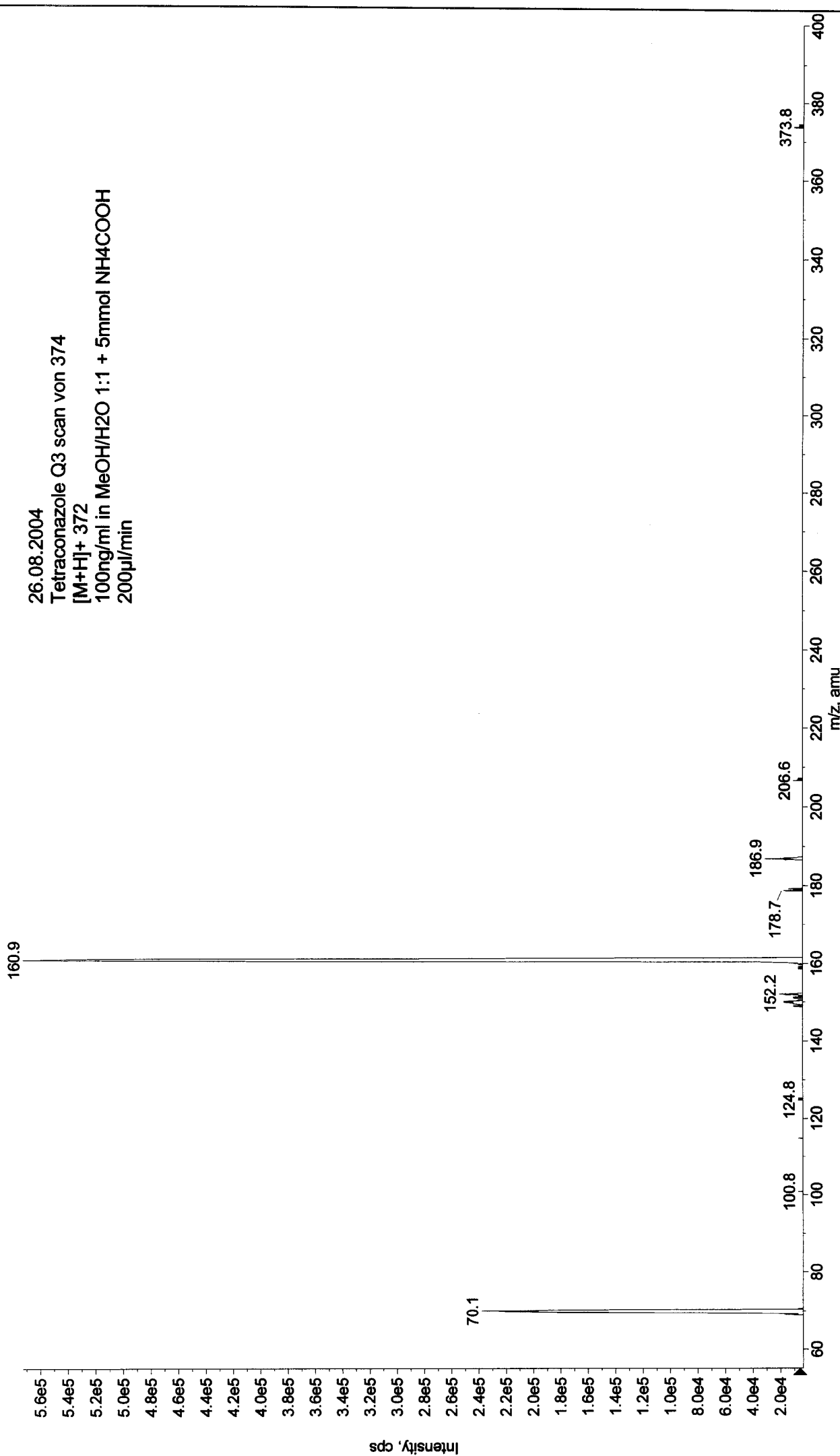
Max. 3.0e7 cps



+MS2 (372.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826133330.wiff (Turbo Spray) Max. 8.7e5 cps



■ +MS2 (374.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826133530.wiff (Turbo Spray) Max. 5.7e5 cps



+MS2 (372.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040826134214.wiff (Turbo Spray) Max. 7.1e5 cps

