

MS/MS Parameters of Pesticides

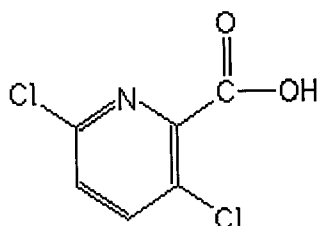
Analyte: Clopyralid

CAS No.: 1702-17-6

Formula: C₆H₃Cl₂NO₂

Molecular mass (lowest isotopes): 190,95 amu

Structure:



Ionisation: ESI +

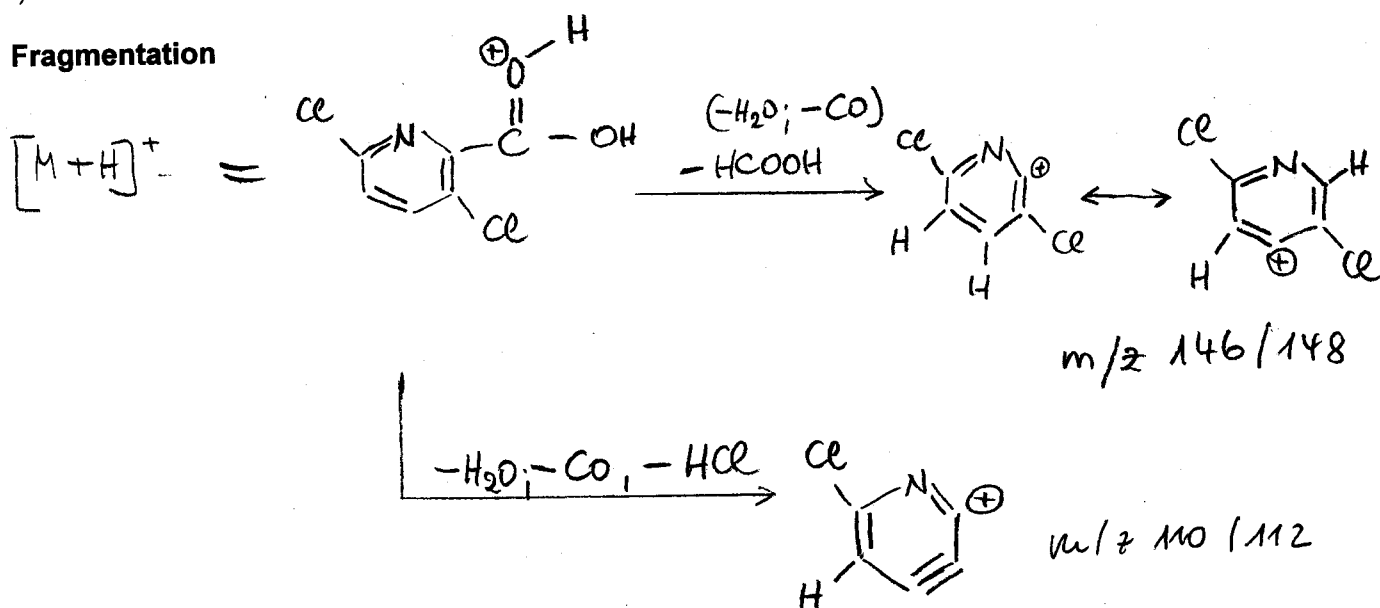
Quasimolecular ion: 191,9 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	191,9 → 146,0	191,9 → 110,1
Declustering potential (DP) ^{*)}	34 V	34 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	29 V	47 V
Collision cell exit potential (CXP)	8 V	6 V

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

Fragmentation



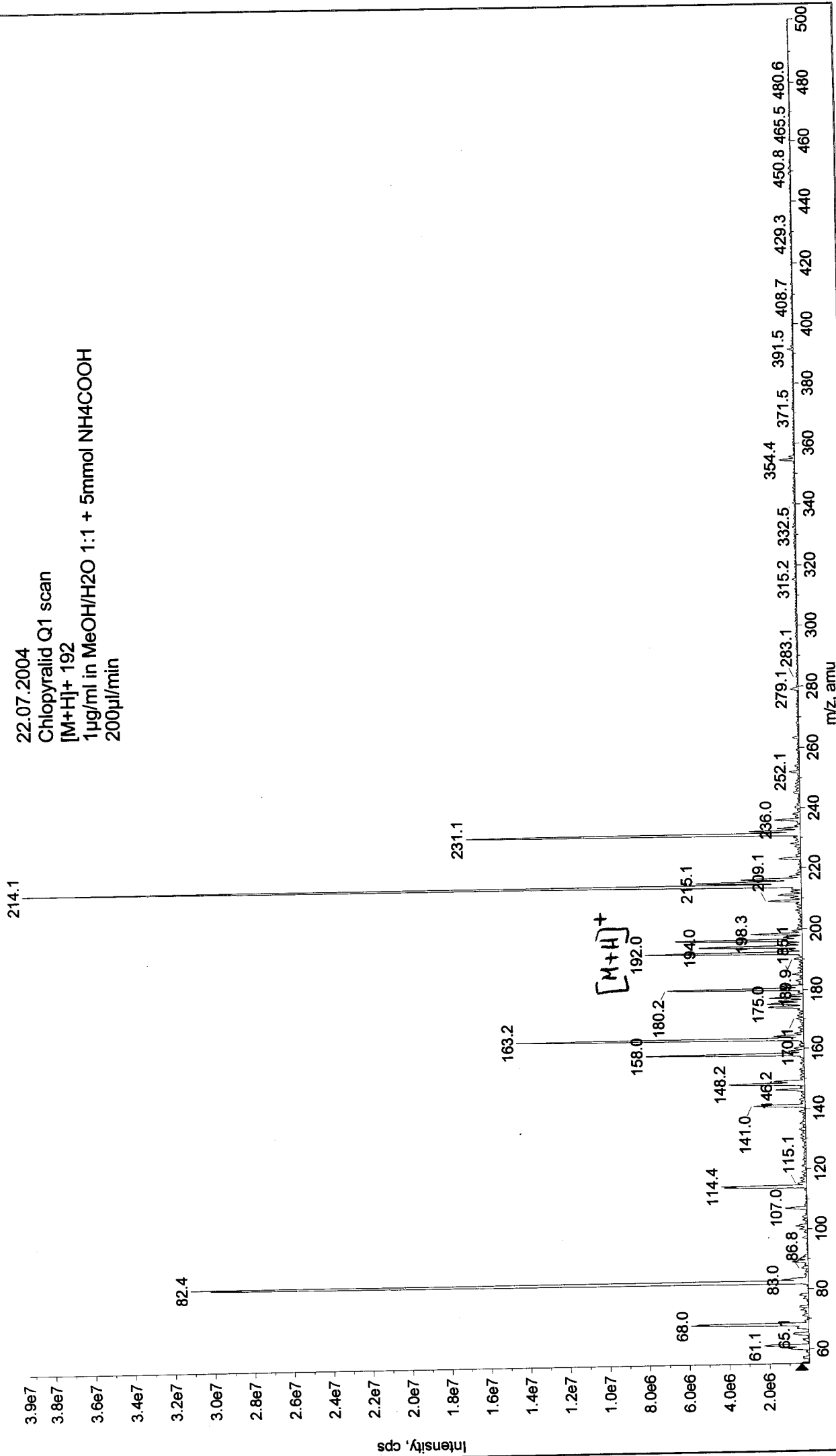
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

Acq Time: 08:34
Acq Date: Thursday, July 22, 2004
Acq File: MT20040722083450.wiff

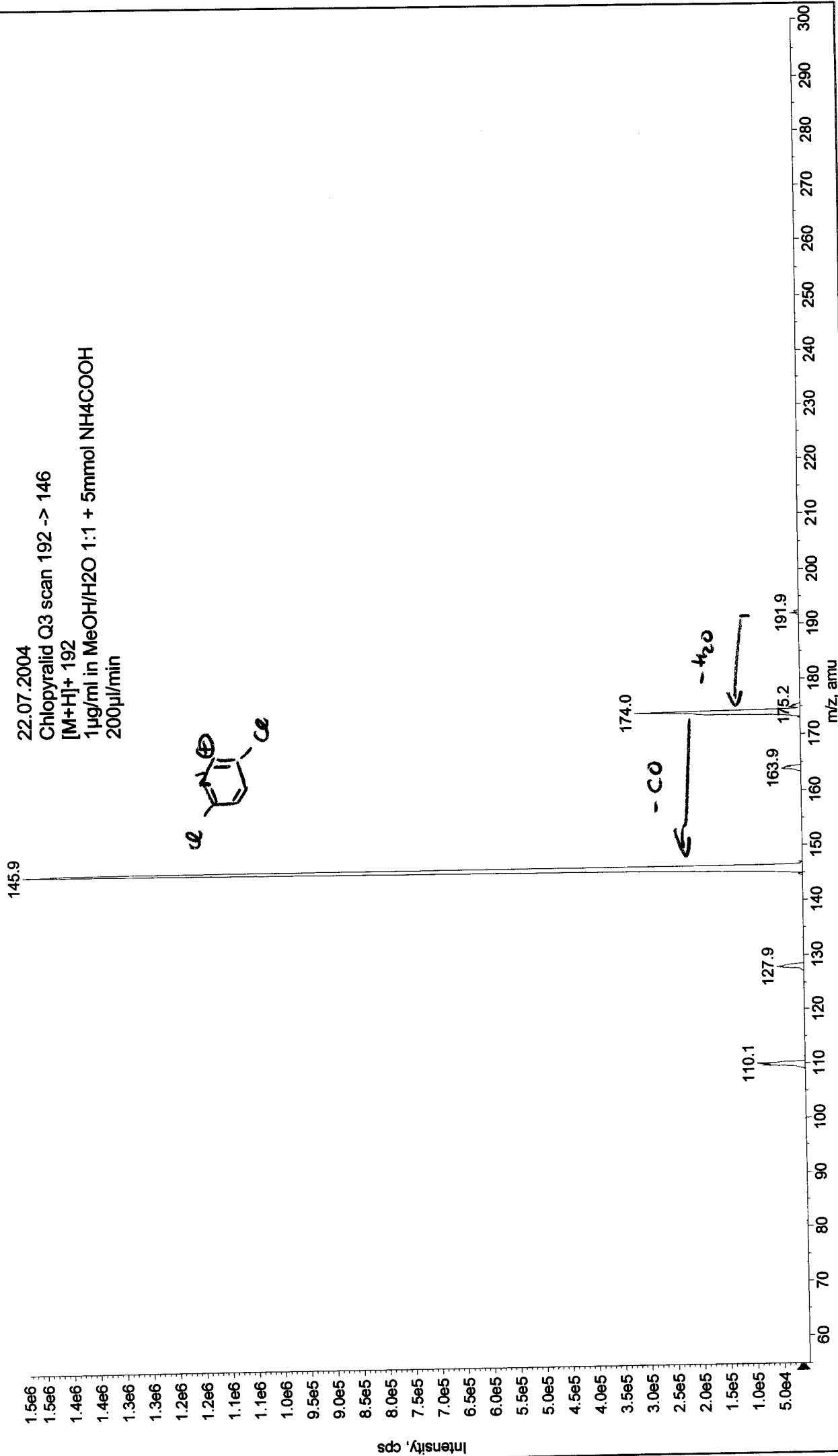
Printing Time: 8:36:48
Printing Date: Thursday, July 22, 2004

Max. 3.9e7 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722083450.wiff (Turbo Spray)

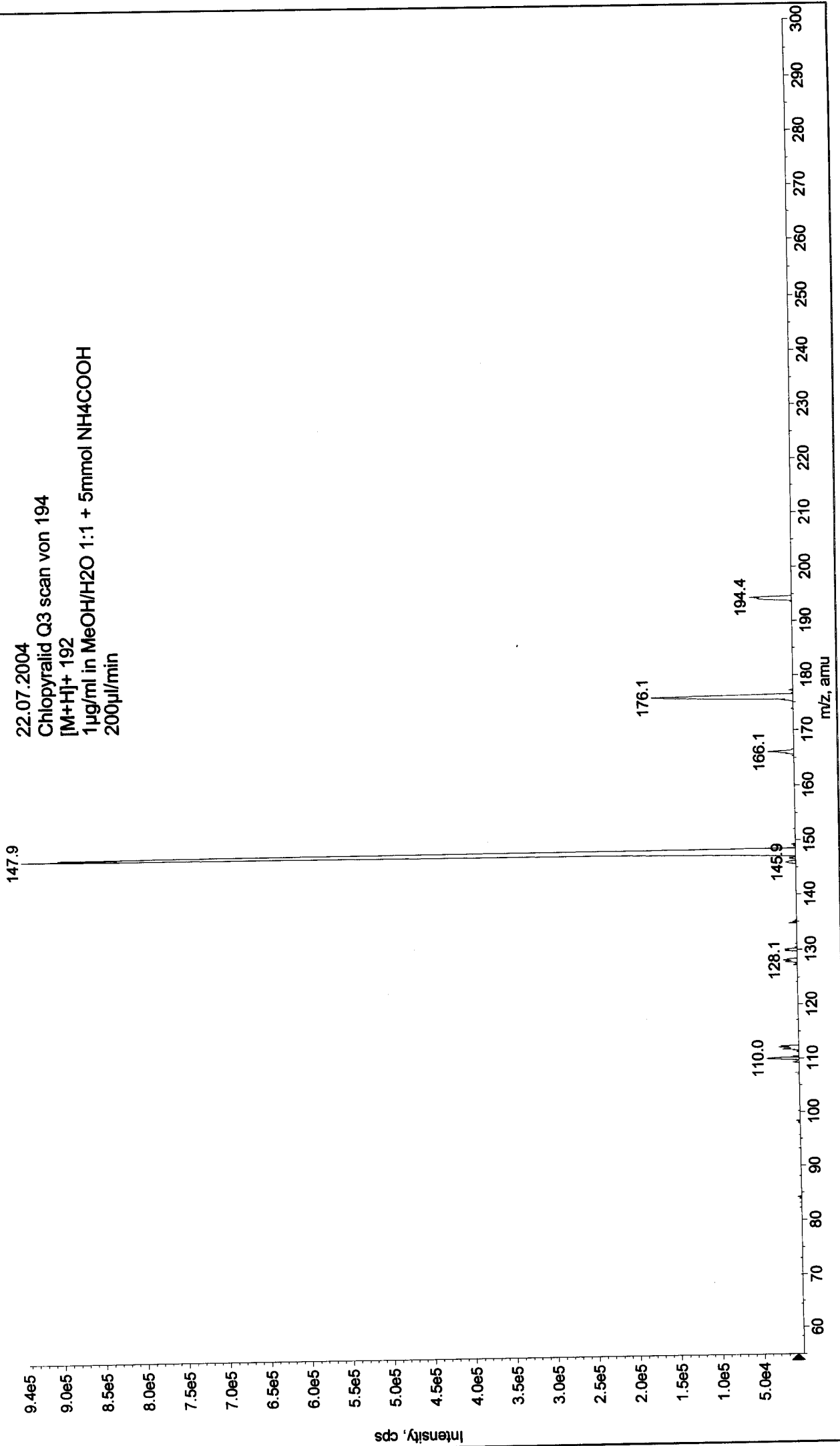


+MS2 (192.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722083741.wiff (Turbo Spray)

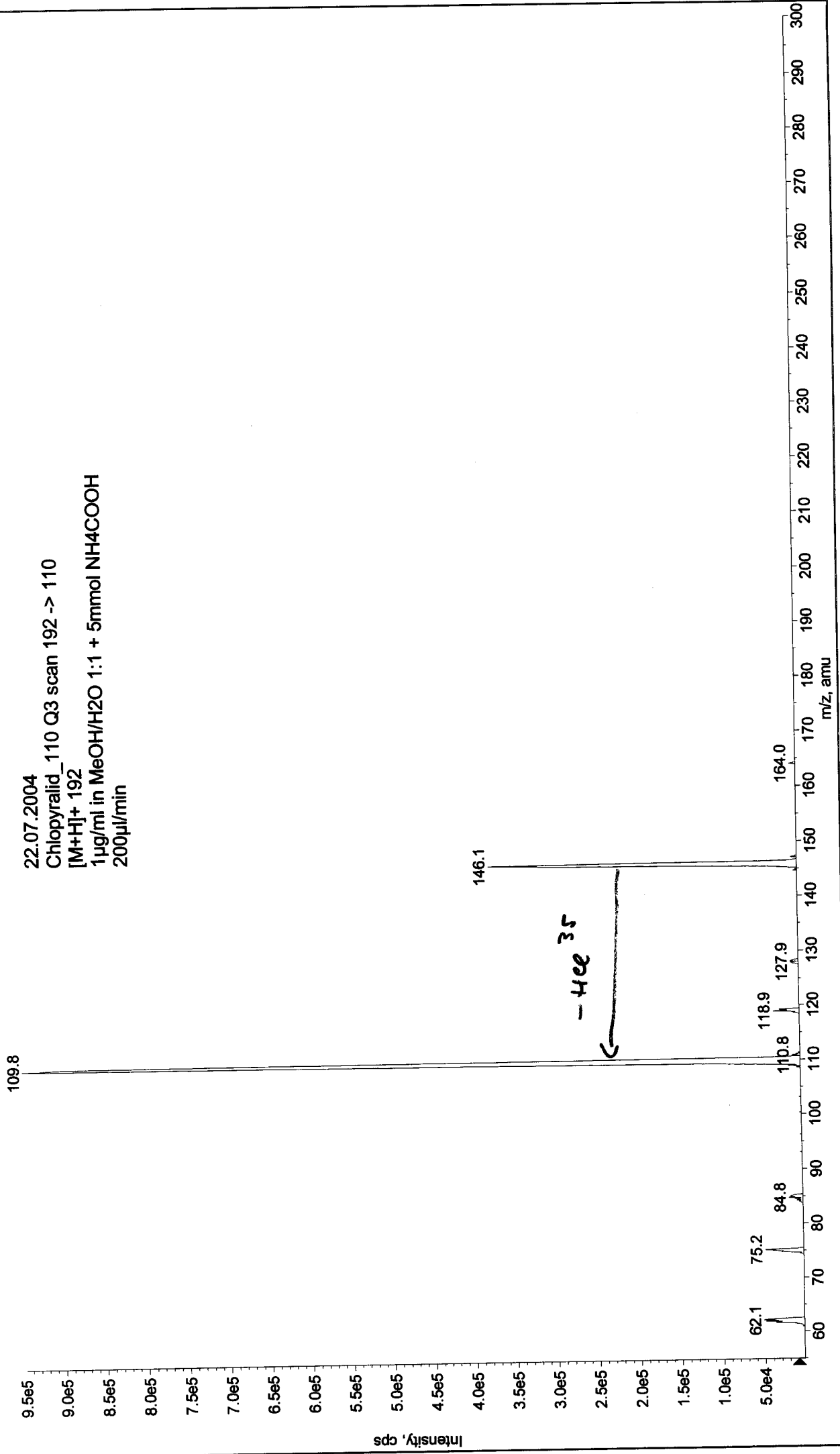


Max. 9.4e5 cps

+MS2 (194.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722084001.wiff (Turbo Spray)



■ +MS2 (192.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722084942.wiff (Turbo Spray)



Max. 2.7e5 cps

■ +MS2 (194.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040722085058.wiff (Turbo Spray)

