EPA Laboratory Management System
(51) VOA - PP Scan (GCMS)

Sample: 91130156
Method: EP2-624 GC/MS Purge and Trap Scan
Project: HWD-127A RIDGEFIELD BRICK AND TILE
Station: _____ Source: (23) Well (Test/Observati

Matrix: (10) Water-Total
Officer: Bailey, Marsha
Account: AGDD3A
Field Prep: (__) Unknown

Collected: 91/ 03/ 27
Received: 91/ 03/ 29
Comments: _____

Extracted: 91/04/09 Extractor: _____ Weight/Volume Extracted: _____
Analyzed: 91/04/09 14:45 Analyst: SVP Percent Solids: _____
Reviewed: 91/07/01 By: SVP Final Review: 7/11/91 By: JMS
IBM Report: __/__/__ By: _____

Sample Volume (ml): 10
Volume Water Aliquated (ml): —
Dilution Factor: —
Tape Identification: 9-1991-5100E1
Tape File Number: 9

Standard Run: AVW1099
Std. Stock Solution #: —
Background Run: ABW1099
Calibration Run: ABF1099
Extraction Solvent: —

Initial Vol. Extraction Solv. (ml): —
Volume Extract Aliquated (ul): —
Total Volume Purged (ml): 510

Dilution Factor: —

Purge Temp. (deg. C): Ambient-H2O
Purge Flow (ml/min): 40
Purge Time (min): 11

Desorb Temp. (deg. C): 220
Desorb Flow (ml/min): 12
Desorb Time (min): 4

Cryo Trap Temp. (deg. C): -150
Cryo Trap Time (min): 4

Instrument: Finnigan
Carrier Gas: Helium
Gas Flow Rate (ml/min): 2
Run Time (min): 20

Column Coating, Film Thickness: DB-624, 1.8 u
Column Inside Diameter (mm): 0.32
Column Length (M): 30
Column Tubing Material: Fused Silica

Start Mass (AMU): 35
AMU/sec: 240
Stop Mass (AMU): 300

Temperature 1,2 (deg. C): 10 , 102
Time 1,2 (min): 2 , 11.5
Ramp Rate 1,2 (deg. C/min): Hold , 8
Temperature 3,4 (deg. C): 120 , 180
Time 3,4 (min): 1 , 5.3
Ramp Rate 3,4 (deg. C/min): 60 , Hold

Injection Port Temp. (deg. C): 200
GC/MS Ionization Mode: E I
Data Acquisition Mode: Acquire
Mass Analyzer (deg. C): 100
Beam Energy (EV): 70
Vacuum (Torr): 0.00001 (10^-5)

(End of Form) 1-APR-91 11:06 91130156

USEPA RCRA
3057916

Sample Number
A91130156

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: MANCHESTER LAB
Case No: HWD-127A/1011
Lab Sample ID No:
QC Report No:
Sample Matrix: WATER
Contract No: AGDD3A
Data Release Authorized By:
Date Sample Received: 03/27/91

VOLATILE COMPOUNDS

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 04/09/91
Conc Factor: 5.000000 pH
Percent Moisture: (Not Decanted)

CAS Number		ug/L	CAS Number		ug/L
74-87-3	Chloromethane	0.1J	127-18-4	Tetrachloroethene	1 U
75-71-8	Dichlorodifluoromethane	1 U	79-34-5	1,1,2,2-Tetrachloroethane	1 U
74-83-9	Bromomethane	1 U	630-20-6	1,1,1,2-Tetrachloroethane	1 U
75-01-4	Vinyl Chloride	1 U	108-88-3	Toluene	1 U ~~0.07J~~
75-00-3	Chloroethane	1 U	108-90-7	Chlorobenzene	1 U
75-69-4	Trichlorofluoromethane	1 U	100-41-4	Ethylbenzene	1 U
75-09-2	Methylene Chloride	1 U ~~0.8J~~	100-42-5	Styrene	1 U
67-64-1	Acetone	1 U	108-86-1	Bromobenzene	1 U
75-15-0	Carbon Disulfide	1 U ~~0.2J~~	96-18-4	1,2,3-Trichloropropane	1 U
75-35-4	1,1-Dichloroethene	1 U	95-49-8	2-Chlorotoluene	1 U
75-34-3	1,1-Dichloroethane	1 U	106-43-4	4-Chlorotoluene	1 U
156-60-5	Trans-1,2-Dichloroethene	1 U	1330-20-7	Total Xylenes	~~0.02~~ U 1U
156-59-2	Cis-1,2-Dichloroethene	1 U	95-63-6	1,2,4-Trimethylbenzene	1U ~~0.03~~ U
590-20-7	2,2-Dichloropropane	1 U	98-06-6	Tert-Butylbenzene	1 U
74-97-5	Bromochloromethane	1 U	108-67-8	1,3,5-Trimethylbenzene	1 U
67-66-3	Chloroform	0.1J	135-98-8	Sec-Butylbenzene	1 U
107-06-2	1,2-Dichloroethane	0.5J	99-87-6	p-Isopropyltoluene	1 U
78-93-3	2-Butanone	10 U ~~1UC~~	104-51-8	Butylbenzene	1 U
71-55-6	1,1,1-Trichloroethane	1 U	96-12-8	1,2-Dibromo-3-chloropropane	1 U
56-23-5	Carbon Tetrachloride	1 U	87-61-6	1,2,3-Trichlorobenzene	1 U
563-58-6	1,1-Dichloropropene	1 U	98-82-8	Isopropylbenzene	1 U
75-27-4	Bromodichloromethane	1 U	103-65-1	Propylbenzene	1 U
78-87-5	1,2-Dichloropropane	1 U		~~Total Xylenes~~	~~0.02J~~
74-95-3	Dibromomethane	1 U	541-73-1	1,3-Dichlorobenzene	1 U
10061-02-6	Trans-1,3-Dichloropropene	1 U	106-46-7	1,4-Dichlorobenzene	1 U
79-01-6	Trichloroethene	1 U	95-50-1	1,2-Dichlorobenzene	1 U
124-48-1	Dibromochloromethane	1 U	120-82-1	1,2,4-Trichlorobenzene	1 U
106-93-4	1,2-Dibromoethane	1 U	91-20-3	Naphthalene	1 U
79-00-5	1,1,2-Trichloroethane	1 U	87-68-3	Hexachlorobutadiene	1 U
142-28-9	1,3-Dichloropropane	1 U			%
71-43-2	Benzene	1 U	-762492	1-Bromo-2-Fluoroethane (SS)	118
10061-01-5	cis-1,3-Dichloropropene	1 U	2747-58-2	Toluene (d8) (SS)	101
75-25-2	Bromoform	1 U	-460-00-4	p-Bromofluorobenzene (SS)	101
591-78-6	2-Hexanone	1 U	17070-07-0	1,2-Dichloroethane-d4 (SS)	111
108-10-1	4-Methyl-2-Pentanone	1 U	2199-69-1	~~1,2-Dichlorobenzene (SS~~	NAF

J - The numerical value is an estimated quantity.
U - Compound analyzed for but not detected. The reported value is the minimum sample PQL.

Form I

Laboratory Name: MANCHESTER LAB
Case No: HWD-127A/1011

Sample Number
A91130156

TENTATIVELY IDENTIFIED COMPOUNDS
(Page 4)

	CAS Number	Compound Name	Fraction	Scan Num	Estimated Conc ug/L	
1		CI10 1,4-DIFLUOROBENZENE (INTERNAL STANDARD)	VOA		10	J
2		CI20 CHLOROBENZENE-D5 (INTERNAL STANDARD)	VOA		10	J
3		CI30 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)	VOA		10	J

No semi-volatile compounds found.

See page 1A for complete definitions of the data reporting qualifiers.

Form I

4/9/91 14:45:08 SCAN 1 OF 1900
Acquisition started

Acquire
04/09/91 14:45:00 + 0:02
Sample: A130156, 10ML+IS+SS,
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: -
Submitted by: RGX-WDOE

Run 2:A130156
Free sectors: 3122
RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
Instrument: 5100
Analyst: SVP

Acquiring
Scan: 3 of 1900
Weight: 0.000
Acct. No: AVW1099

*** GC descriptor: V1 ***

GC temperature: 10 DegC
Elapsed time : 0: 3 min

Injector: 200 DegC
Interface: 180 DegC

Seq. #	Temp (DegC)	Rate (C/min)	Time (minutes) period	total
1	10- 10	-	2.0	2.0
2	10-102	8.0	11.5	13.5
3	102-180	60.0	1.2	14.7
4	180-180	-	5.8	20.5

Valve times (minutes)

	Open	Close
Sweep/Split	20.5	0.0
Divert	20.5	0.0

*** Scan Parameters ***

MODE: EI (+) Centroid + Temp - Sequence: V1 (2 time windows.)

Reviewed, 92
7-1-91, SVP

Window # 1

Number of cycles: 270
Filament is ON
Multiplier is uncontrolled
Multiplier is OFF

MID scan Desc: V1 Mass intervals: 1 Positive ion mode.
Scan time: 0.600 s Samp. int.: 0.200 ms Master rate: 64

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	49.515	105.531	0.465	2	80	2	1	0

Window # 2

Number of cycles: 1980
Filament is ON
Multiplier is uncontrolled
Multiplier is ON and set to -0. volts

MID scan Desc: V2 Mass intervals: 1 Positive ion mode.
Scan time: 0.600 s Samp. int.: 0.200 ms Master rate: 64

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	34.510	300.590	0.553	2	80	10	1	0

Interface number	0	
Sub-interface number	0	
# of acqu buffers	24	
Instrument type	Q	
Full scale mass	812	u
Zero scale mass	1	u
Intensity/ion	2	
Peak width	1000.	mmu
Offset at low mass	0	mmu
Offset at high mass	0	mmu
Voltage settling time(ms)	4	

Final Review
7/11/91
JMS

Current instrument parameters.

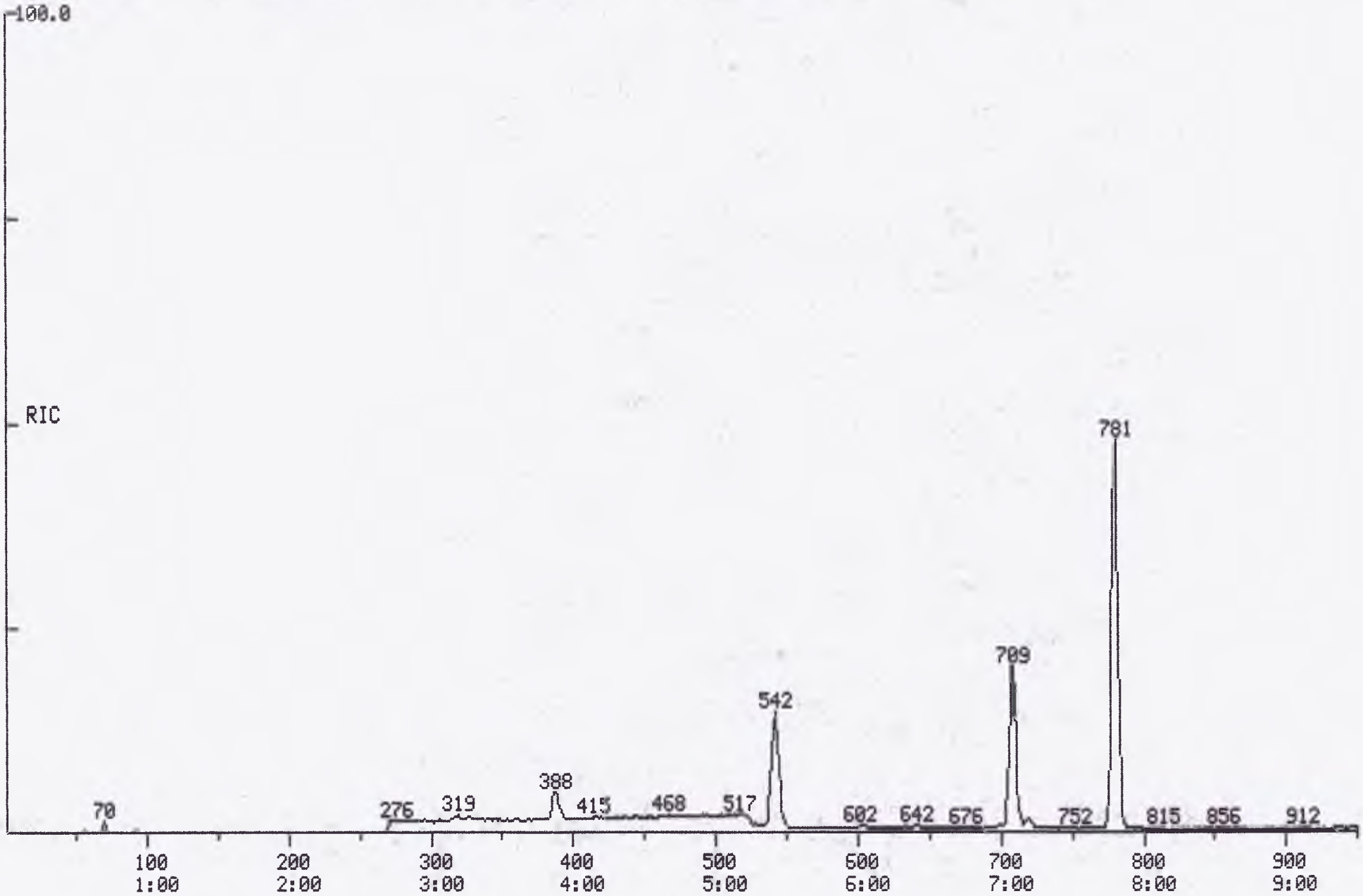
	Positive ion mode	Negative ion mode
Resolution (high)	127.00	128.00
Resolution (low)	128.00	128.00
Ion energy	4.00	-4.00
Ion programming	6.51	-4.00
Lens voltage	-40.00	50.20
Extractor voltage	0.00	not used

Electron multiplier voltage: -1459.
Electrometer Range: 10 ^-7
Electrometer zero: -0.3

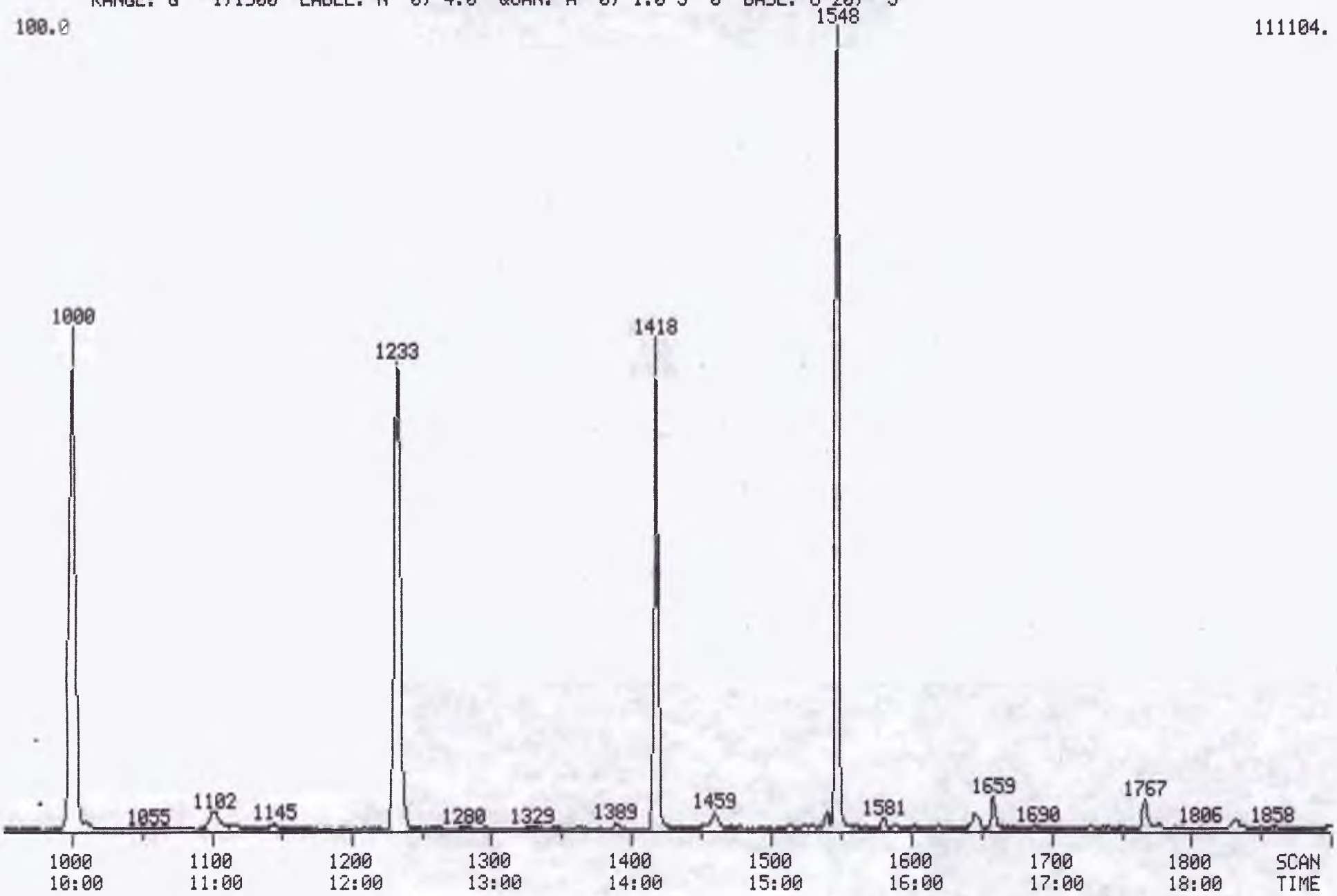
4/9/91 15:04:08
Acquisition completed
Scans 1 to 1900 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second	
Centroid	1900	15.0	1140.0	1.3	24154.	13.	21.

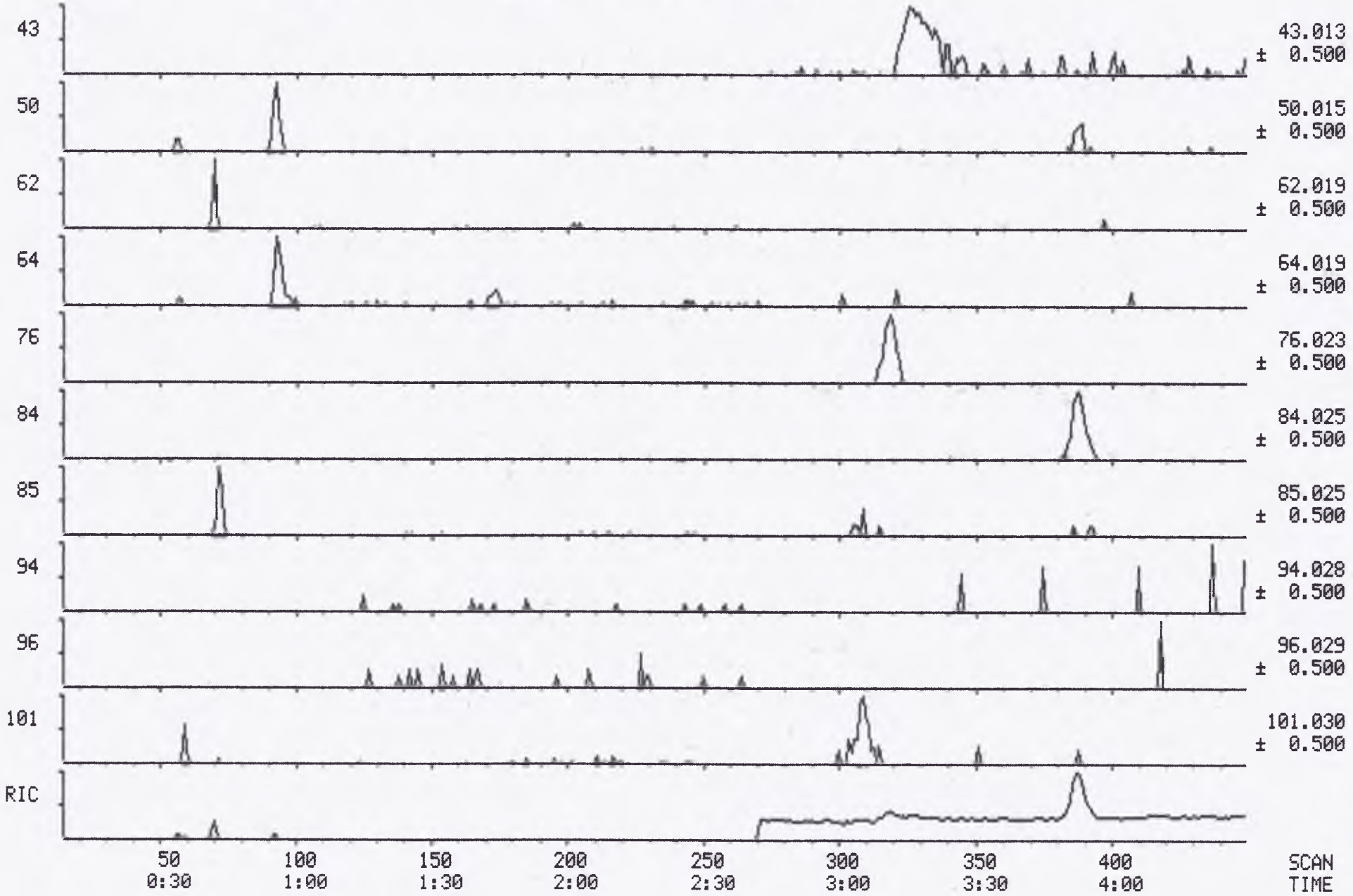
MIDRIC DATA: A130156 #1 SCANS 1 TO 951
04/09/91 14:45:00 CALI: A130156 #4 OUT OF 1 TO 1900
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



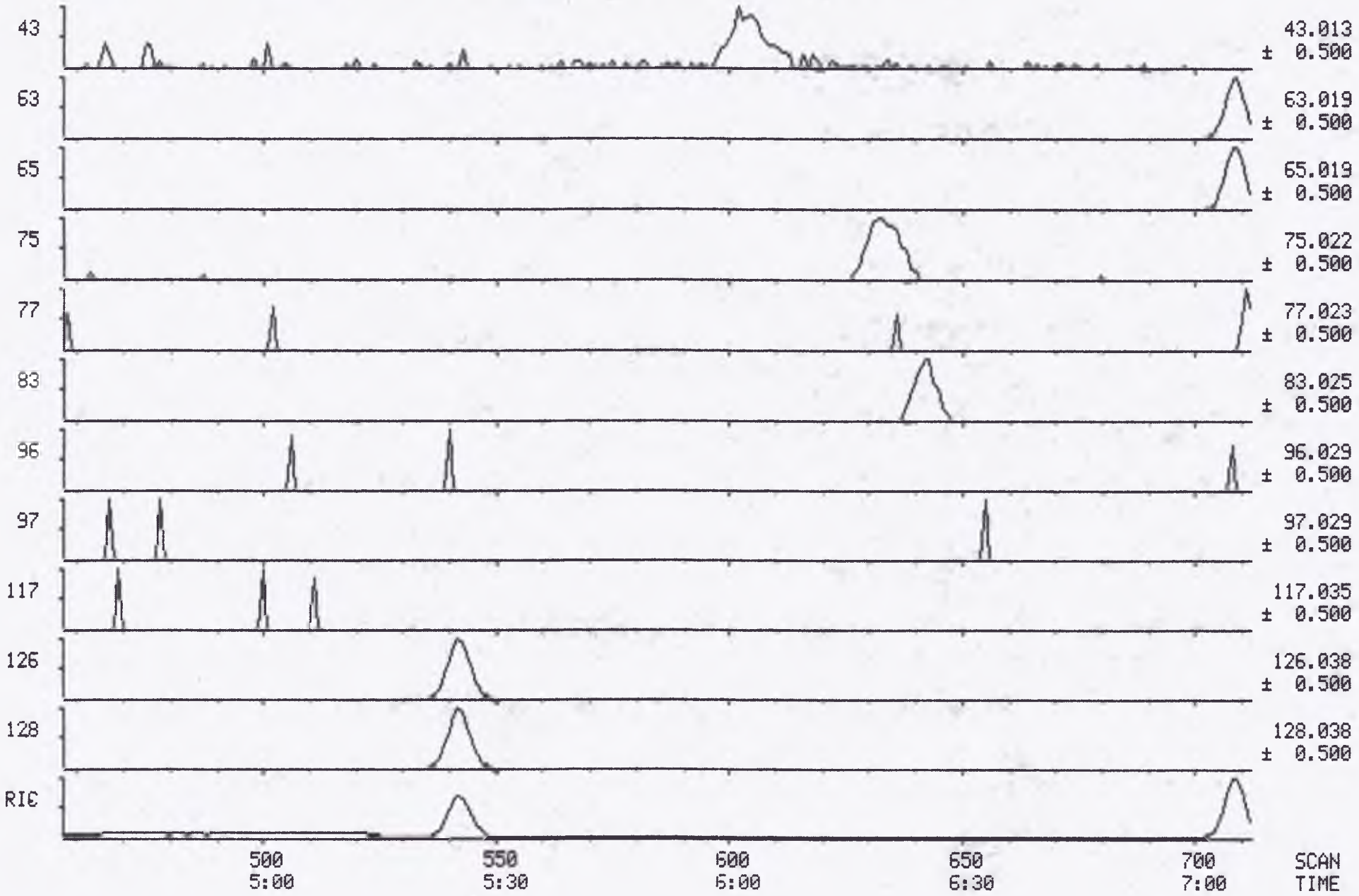
MIDRIC DATA: A130156 #1 SCANS 951 TO 1900
04/09/91 14:45:00 CALI: A130156 #4 OUT OF 1 TO 1900
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



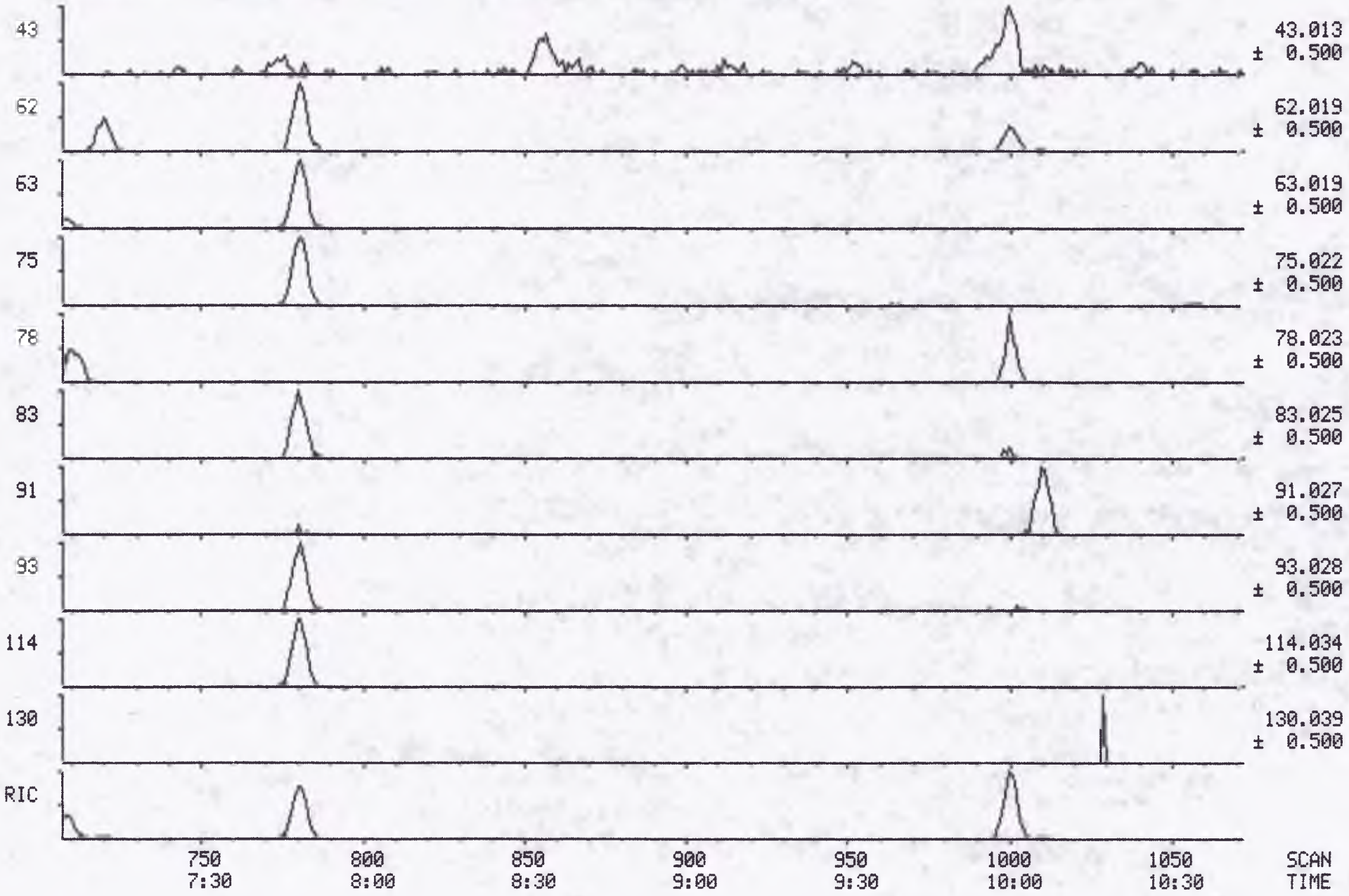
MIDRIC+MASS CHROMATOGRAMS DATA: A130156 #224 SCANS 14 TO 449
04/09/91 14:45:00 CALI: A130156 #4
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



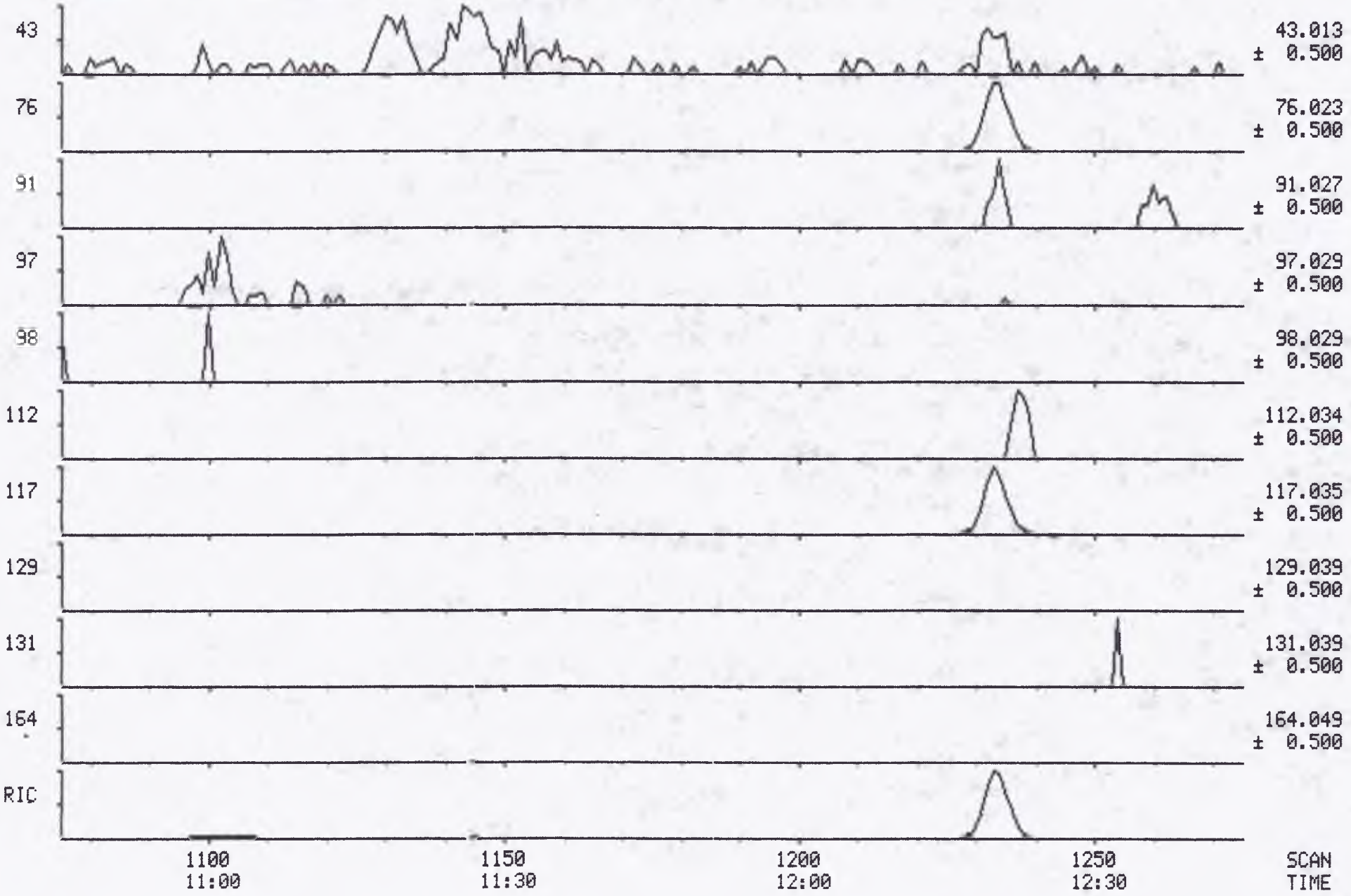
MIDRIC+MASS CHROMATOGRAMS DATA: A130156 #627 SCANS 457 TO 712
04/09/91 14:45:00 CALI: A130156 #4
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



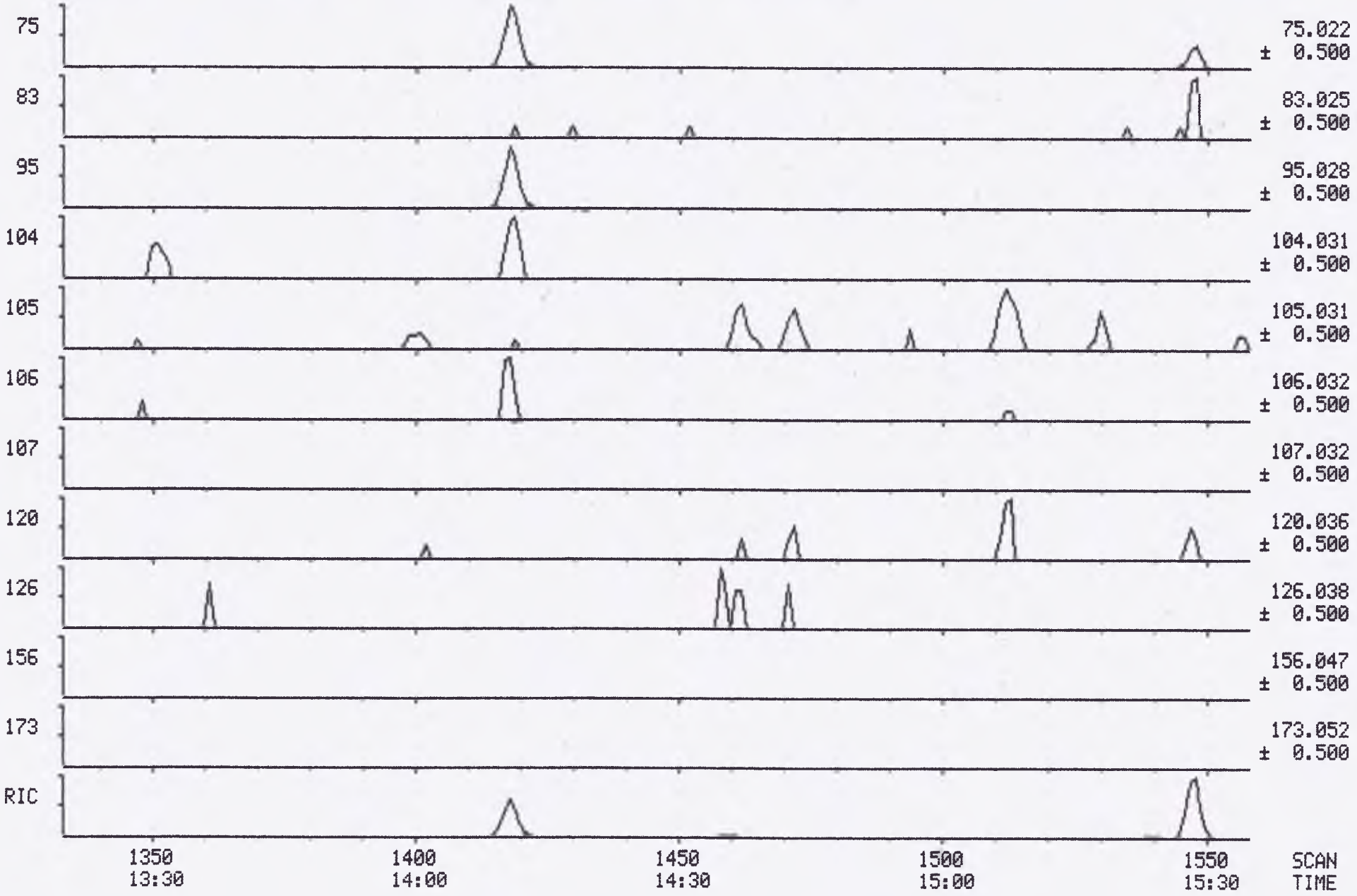
MIDRIC+MASS CHROMATOGRAMS DATA: A130156 #967 SCANS 707 TO 1072
04/09/91 14:45:00 CALI: A130156 #4
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



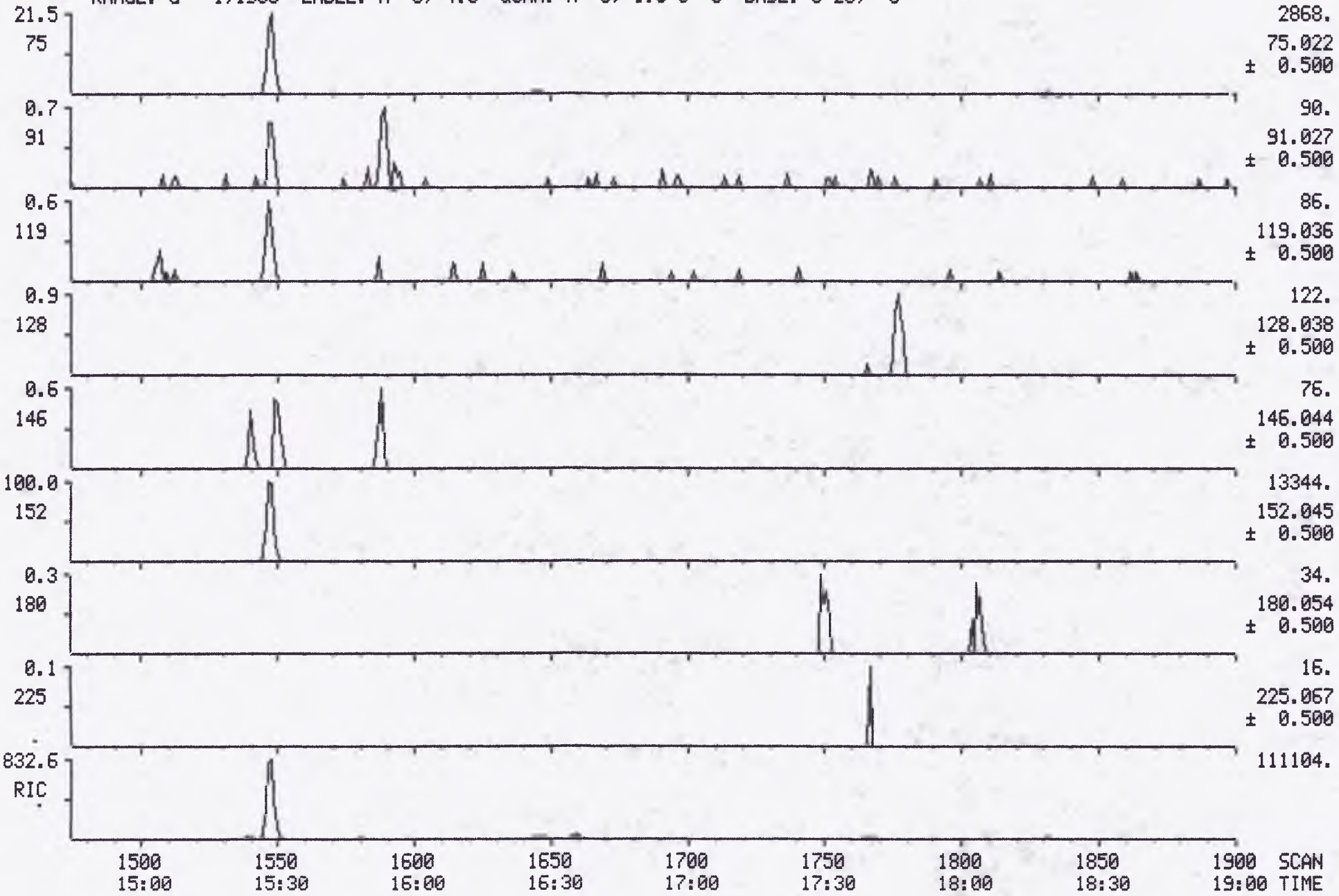
MIDRIC+MASS CHROMATOGRAMS DATA: A130156 #1145 SCANS 1075 TO 1275
04/09/91 14:45:00 CALI: A130156 #4
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



MIDRIC+MASS CHROMATOGRAMS DATA: A130156 #1473 SCANS 1333 TO 1558
04/09/91 14:45:00 CALI: A130156 #4
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

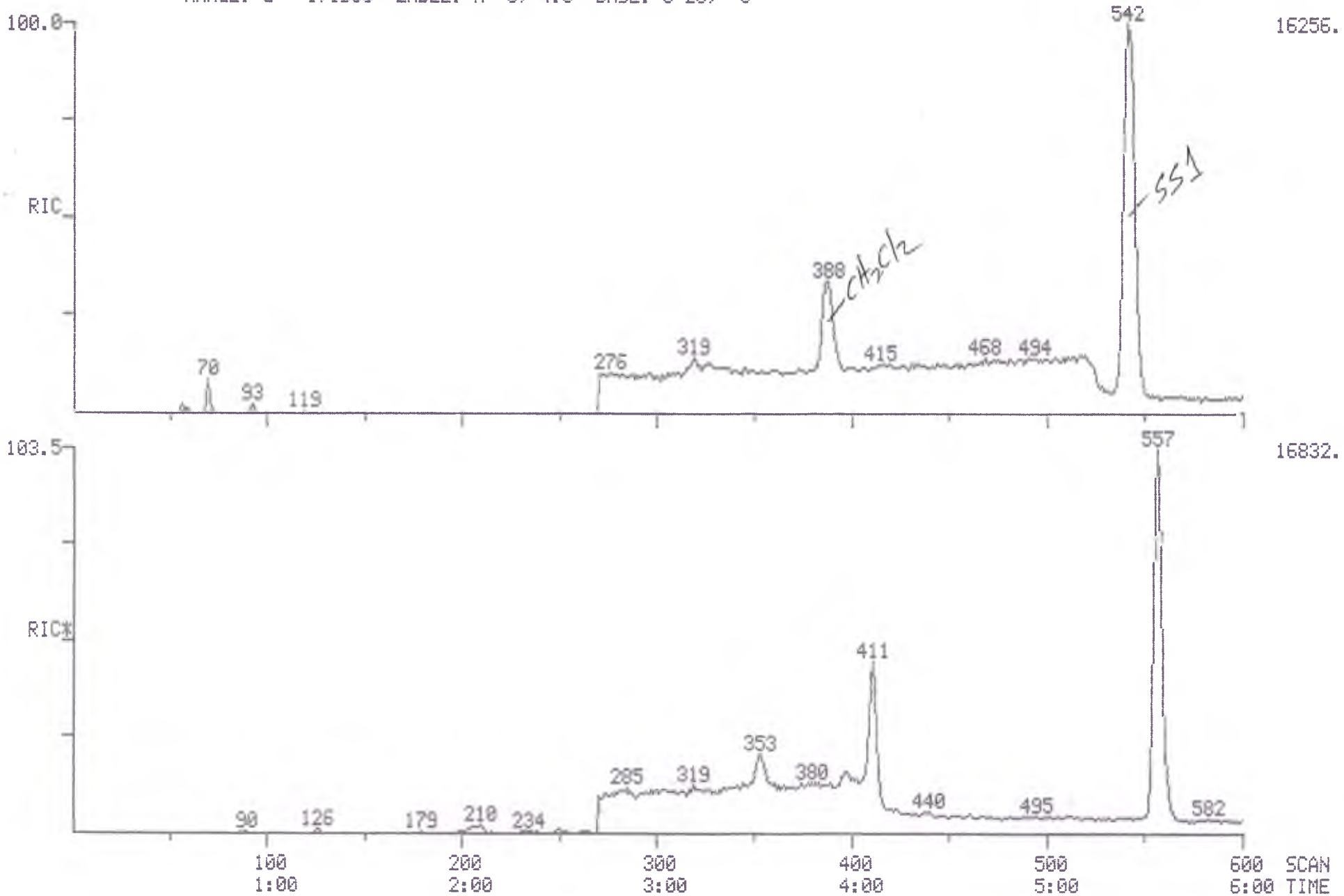


MIDRIC+MASS CHROMATOGRAMS DATA: A130156 #1749 SCANS 1474 TO 1900
04/09/91 14:45:00 CALI: A130156 #4
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

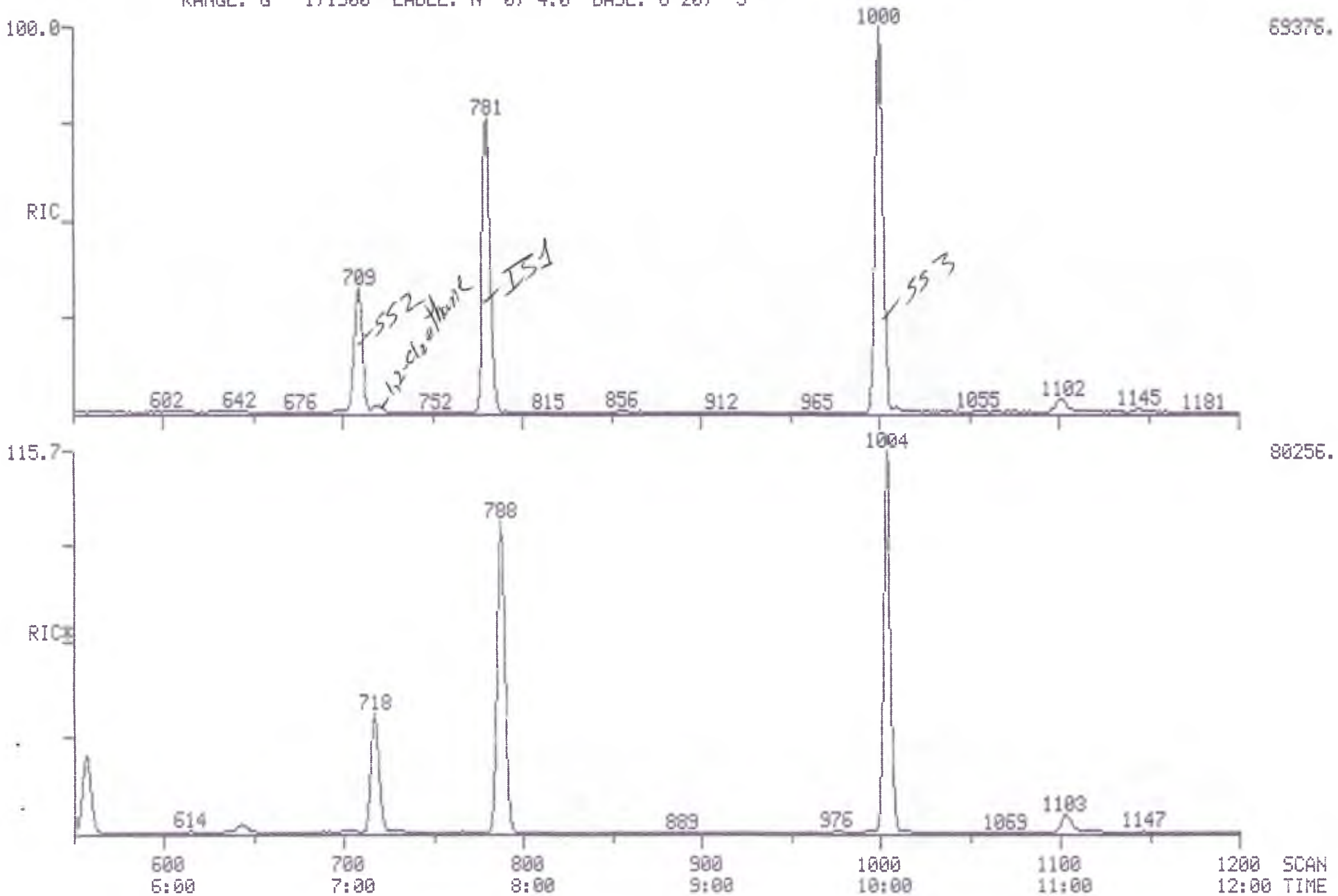


RIC
04/09/91 14:45:00
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 BASE: U 20, 3

DATA: A130156 #1,ABW1099
SCANS 1 TO 600

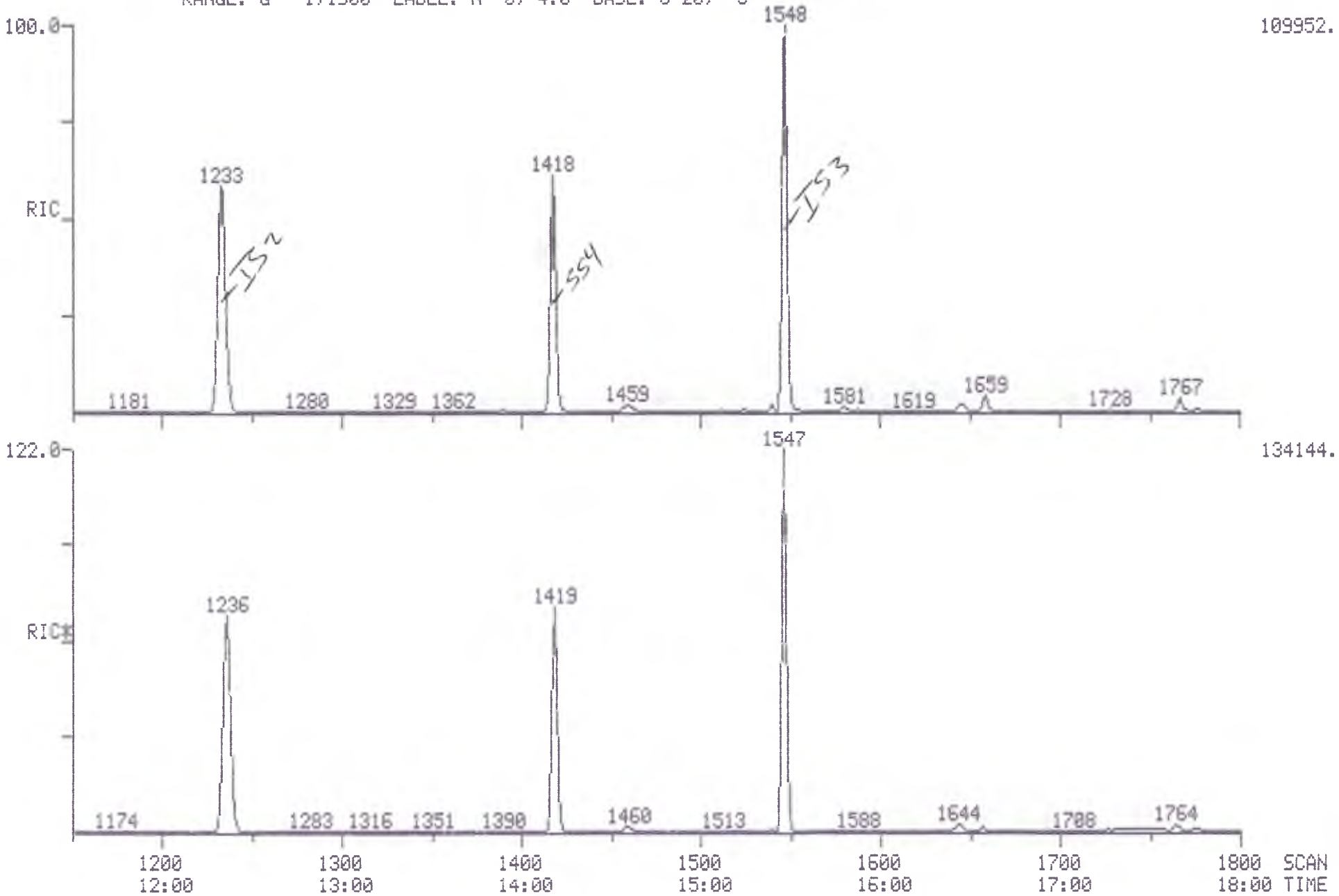


RIC DATA: A130156 #1,ABW1099
04/09/91 14:45:00 SCANS 550 TO 1200
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 BASE: U 20, 3



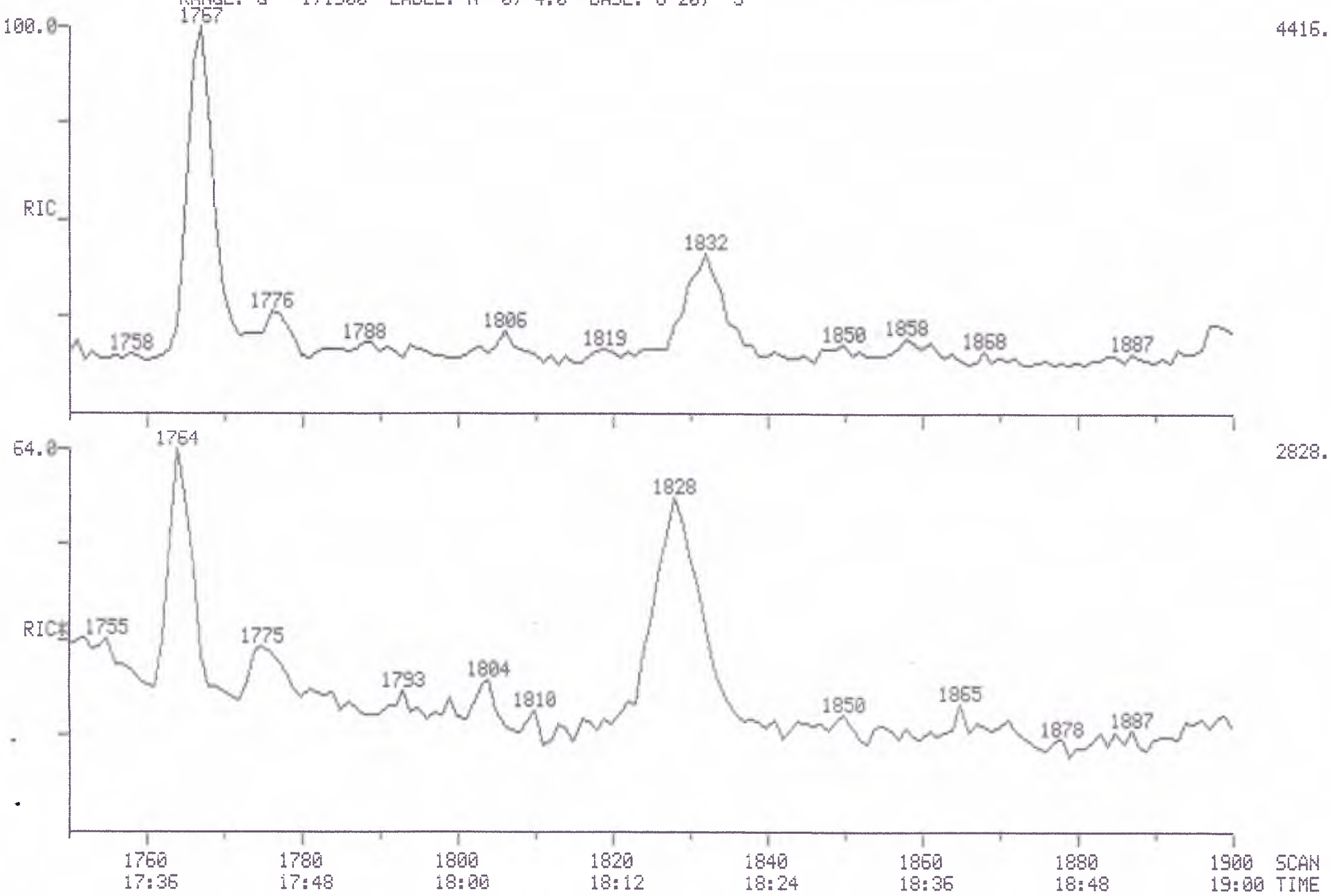
RIC
04/09/91 14:45:00
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 BASE: U 20, 3

DATA: A130156 #1,ABW1099
SCANS 1150 TO 1800



RIC
04/09/91 14:45:00
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 BASE: U 20, 3

DATA: A130156 #1,ABW1099
SCANS 1750 TO 1900



Quantitation Report File: A130156

Data: A130156.MI
04/09/91 14:45:00
Sample: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: - Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: SVP Acct. No.: AVW1099

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI10 1,4-DIFLUOROBENZENE (INTERNAL STANDARD)
2	CI20 CHLOROBENZENE-D5 (INTERNAL STANDARD)
3	CI30 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)
4	CS02 1-BROMO-2-FLUOROETHANE (SURROGATE STANDARD)
5	CS15 1,2-DICHLOROETHANE-D4 (SURROGATE SPIKE)
6	CS05 TOLUENE-D8 (SURROGATE SPIKE)
7	CS10 4-BROMOFLUOROBENZENE (SURROGATE SPIKE)
8	C011 DICHLORODIFLUOROMETHANE
9	C010 CHLOROMETHANE
10	C020 VINYL CHLORIDE
11	C015 BROMOMETHANE
12	C025 CHLOROETHANE
13	C026 TRICHLOROFLUOROMETHANE
14	C045 1,1-DICHLOROETHENE
15	C035 ACETONE
16	C030 METHYLENE CHLORIDE
17	C040 CARBON DISULFIDE
18	C055 TRANS-1,2-DICHLOROETHENE (E-)
19	C050 1,1-DICHLOROETHANE
20	C057 2,2-DICHLOROPROPANE
21	C056 CIS-1,2-DICHLOROETHENE (Z-)
22	C058 BROMOCHLOROMETHANE
23	C060 CHLOROFORM
24	C065 1,2-DICHLOROETHANE
25	C110 2-BUTANONE
26	C115 1,1,1-TRICHLOROETHANE
27	C120 CARBON TETRACHLORIDE
28	C121 1,1-DICHLOROPROPENE
29	C165 BENZENE
30	C150 TRICHLOROETHENE
31	C140 1,2-DICHLOROPROPANE
32	C141 DIBROMOMETHANE
33	C130 BROMODICHLOROMETHANE
34	C170 CIS-1,3-DICHLOROPROPENE
35	C145 TRANS-1,3-DICHLOROPROPENE
36	C215 4-METHYL-2-PENTANONE
37	C230 TOLUENE
38	C160 1,1,2-TRICHLOROETHANE
39	C220 TETRACHLOROETHENE
40	C161 1,3-DICHLOROPROPANE
41	C210 2-HEXANONE
42	C155 DIBROMOCHLOROMETHANE
43	C225 1,1,2,2-TETRACHLOROETHANE
44	C235 CHLOROBENZENE
45	C226 1,1,1,2-TETRACHLOROETHANE
46	C240 ETHYLBENZENE
47	C261 TOTAL XYLENES (META & PARA)

No	Name
48	C250 TOTAL XYLENES (ORTHO)
49	C245 STYRENE (ETHENYLBENZENE)
50	C156 1,2-DIBROMOETHANE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	114	780	7:48	1	1.000	A BB	90582.	100.000 NG	13.15
2	117	1233	12:20	2	1.000	A BB	72242.	100.000 NG	13.15
3	152	1547	15:28	3	1.000	A BB	41154.	100.000 NG	13.15
4	126	542	5:25	1	0.695	A BB	11127.	117.745 NG	15.48
5	65	709	7:05	1	0.909	A BB	39738.	110.583 NG	14.54
6	98	1000	10:00	2	0.811	A BB	107182.	100.726 NG	13.25
7	95	1418	14:11	2	1.150	A BB	49225.	101.499 NG	13.35
8	NOT FOUND								
9	50	93	0:56	1	0.119	A BB	599.	1.144 NG	0.15 J
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
~~16~~	~~84~~	~~388~~	~~3:53~~	~~1~~	~~0.497~~	~~A BB~~	~~4128.~~	~~7.923 NG~~	~~1.04 U~~
~~17~~	~~76~~	~~319~~	~~3:11~~	~~1~~	~~0.409~~	~~A BB~~	~~2362.~~	~~3.779 NG~~	~~0.30 J~~
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	83	643	6:26	1	0.824	A BB	796.	1.044 NG	0.14 J
24	62	720	7:12	1	0.923	A BB	2762.	5.206 NG	0.68 J
~~25~~	~~43~~	~~602~~	~~6:01~~	~~1~~	~~0.772~~	~~A BB~~	~~2062.~~	~~11.170 NG~~	~~1.47 U~~
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
~~37~~	~~91~~	~~1010~~	~~10:06~~	~~2~~	~~0.819~~	~~A BB~~	~~1120.~~	~~6.897 NG~~	~~0.09 U~~
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
~~47~~	~~106~~	~~1282~~	~~12:49~~	~~2~~	~~1.040~~	~~A BB~~	~~1[illegible]~~	~~0.215 NG~~	~~0.03 U~~
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	7:50	0.99	1.000	1.00	100.00	100.00	1.000	1.000	1.00
2	12:21	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
3	15:29	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
4	5:29	0.99	0.699	0.99	117.74	100.00	0.123	0.104	1.18
5	7:08	0.99	0.909	1.00	110.58	100.00	0.439	0.397	1.11
6	10:02	1.00	0.812	1.00	100.73	100.00	1.484	1.473	1.01
7	14:11	1.00	1.149	1.00	101.50	100.00	0.681	0.671	1.01
8	0:48		0.102						
9	1:01	0.91	0.130	0.92	1.14	115.00	0.006	0.578	0.01
10	1:11		0.151						
11	1:38		0.208						
12	1:49		0.232						
13	2:14		0.286						
14	3:05		0.394						
15	3:24		0.434						
16	3:58	0.98	0.505	0.98	7.92	100.00	0.045	0.574	0.08
17	3:16	0.98	0.417	0.98	2.28	100.00	0.026	1.144	0.02
18	4:22		0.557						
19	5:02		0.642						
20	5:52		0.747						
21	5:55		0.755						
22	6:16		0.800						
23	6:28	0.99	0.825	1.00	1.04	100.00	0.009	0.841	0.01
24	7:14	0.99	0.923	1.00	5.21	100.00	0.030	0.586	0.05
25	6:04	0.99	0.773	1.00	11.17	100.00	0.023	0.204	0.11
26	6:36		0.534						
27	6:50		0.553						
28	6:52		0.555						
29	7:09		0.579						
30	8:10		0.661						
31	8:29		0.687						
32	8:41		0.703						
33	8:59		0.728						
34	9:40		0.783						
35	10:35		0.857						
36	9:58		0.807						
37	10:08	1.00	0.820	1.00	0.70	100.00	0.016	2.225	0.01
38	10:51		0.879						
39	10:59		0.889						
40	11:05		0.898						
41	11:19		0.917						
42	11:27		0.927						
43	14:26		1.169						
44	12:24		1.004						
45	12:35		1.019						
46	12:37		1.022						
47	12:50	1.00	1.039	1.00	0.21	200.00	0.001	0.709	0.00
48	13:29		1.092						
49	13:32		1.096						
50	11:34		0.937						

Quantitation Report File: A130156

Data: A130156.MI
04/09/91 14:45:00
Sample: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: - Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: SVP Acct. No.: AVW1099

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
51	C180 BROMOFORM
52	C259 ISOPROPYLBENZENE
53	C246 BROMOBENZENE
54	C247 1,2,3-TRICHLOROPROPANE
55	C260 PROPYLBENZENE
56	C248 2-CHLOROTOLUENE
57	C249 4-CHLOROTOLUENE
58	C253 1,3,5-TRIMETHYLBENZENE
59	C252 TERT-BUTYLBENZENE
60	C251 1,2,4-TRIMETHYLBENZENE
61	C254 SEC-BUTYLBENZENE
62	C336 1,3-DICHLOROBENZENE
63	C255 P-ISOPROPYLTOLUENE
64	C341 1,4-DICHLOROBENZENE
65	C351 1,2-DICHLOROBENZENE
66	C256 BUTYLBENZENE
67	C257 1,2-DIBROMO-3-CHLOROPROPANE
68	C446 1,2,4-TRICHLOROBENZENE
69	C461 HEXACHLOROBUTADIENE
70	C451 NAPHTHALENE
71	C258 1,2,3-TRICHLOROBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
~~60~~	~~105~~	~~1512~~	~~15:07~~	~~3~~	~~0.977~~	~~A~~	~~[illegible]~~	~~NG~~	~~0.04~~
61	NOT FOUND								
62	NOT FOUND								
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	NOT FOUND								
67	NOT FOUND								
68	NOT FOUND								
69	NOT FOUND								
70	NOT FOUND								
71	NOT FOUND								

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	13:46		0.889						
52	14:01		0.905						
53	14:20		0.926						
54	14:27		0.933						
55	14:31		0.937						
56	14:35		0.943						
57	14:43		0.951						
58	14:44		0.952						
59	15:04		0.974						
60	15:08	1.00	0.977	1.00	0.33	100.00	0.010	2.923	0.00
61	15:19		0.989						
62	15:25		0.995						
63	15:28		0.999						
64	15:30		1.001						
65	15:53		1.026						
66	15:53		1.026						
67	16:41		1.078						
68	17:29		1.130						
69	17:41		1.142						
70	17:46		1.147						
71	18:03		1.166						

Quantitation Report File: A130156

Data: A130156.TI
04/09/91 14:45:00
Sample: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: - Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: SVP Acct. No.: AVW1099

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI10 1,4-DIFLUOROBENZENE (INTERNAL STANDARD)
2	CS02 1-BROMO-2-FLUOROETHANE (SURROGATE STANDARD)
3	CS15 1,2-DICHLOROETHANE-D4 (SURROGATE SPIKE)
4	C011 DICHLORODIFLUOROMETHANE
5	C010 CHLOROMETHANE
6	C020 VINYL CHLORIDE
7	C015 BROMOMETHANE
8	C025 CHLOROETHANE
9	C026 TRICHLOROFLUOROMETHANE
10	C045 1,1-DICHLOROETHENE
11	C035 ACETONE
12	C030 METHYLENE CHLORIDE
13	C040 CARBON DISULFIDE
14	C055 TRANS-1,2-DICHLOROETHENE (E-)
15	C050 1,1-DICHLOROETHANE
16	C057 2,2-DICHLOROPROPANE
17	C056 CIS-1,2-DICHLOROETHENE (Z-)
18	C058 BROMOCHLOROMETHANE
19	C060 CHLOROFORM
20	C065 1,2-DICHLOROETHANE
21	C110 2-BUTANONE
22	CI20 CHLOROBENZENE-D5 (INTERNAL STANDARD)
23	CS05 TOLUENE-D8 (SURROGATE SPIKE)
24	CS10 4-BROMOFLUOROBENZENE (SURROGATE SPIKE)
25	C115 1,1,1-TRICHLOROETHANE
26	C120 CARBON TETRACHLORIDE
27	C121 1,1-DICHLOROPROPENE
28	C165 BENZENE
29	C150 TRICHLOROETHENE
30	C140 1,2-DICHLOROPROPANE
31	C141 DIBROMOMETHANE
32	C130 BROMODICHLOROMETHANE
33	C170 CIS-1,3-DICHLOROPROPENE
34	C145 TRANS-1,3-DICHLOROPROPENE
35	C215 4-METHYL-2-PENTANONE
36	C230 TOLUENE
37	C160 1,1,2-TRICHLOROETHANE
38	C220 TETRACHLOROETHENE
39	C161 1,3-DICHLOROPROPANE
40	C210 2-HEXANONE
41	C155 DIBROMOCHLOROMETHANE
42	C225 1,1,2,2-TETRACHLOROETHANE
43	C235 CHLOROBENZENE
44	C226 1,1,1,2-TETRACHLOROETHANE
45	C240 ETHYLBENZENE
46	C261 TOTAL XYLENES (META & PARA)
47	C250 TOTAL XYLENES (ORTHO)

No	Name
48	C245 STYRENE (ETHENYLBENZENE)
49	C156 1,2-DIBROMOETHANE
50	CI01 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot	
1	114	780	7:48	1	1.000	A BB	90582.	100.000 NG	13.08	
2	126	542	5:25	1	0.695	A BB	11132.	117.776 NG	15.41	
3	65	709	7:05	1	0.909	A BB	39738.	110.518 NG	14.46	
~~4~~	~~85~~	~~72~~	~~0:43~~	~~1~~	~~0.092~~	~~A BB~~	~~183.~~	~~0.330 NG~~	~~0.04~~	VZ,8
5	50	93	0:56	1	0.119	A BB	599.	1.133 NG	0.15	J
6	NOT FOUND									
7	NOT FOUND									
~~8~~	~~64~~	~~174~~	~~1:44~~	~~1~~	~~0.223~~	~~A BB~~	~~53.~~	~~0.179 NG~~	~~0.02~~	VZ,12
~~9~~	~~101~~	~~217~~	~~2:10~~	~~1~~	~~0.278~~	~~A*BB~~	~~14.~~	~~0.035 NG~~	~~0.00~~	VZ,13
10	NOT FOUND									
~~11~~	43 ~~NOT FOUND~~						~~4372~~	33,360		
12	84	388	3:53	1	0.497	A BB	4120.	7.924 NG	1.04	u
13	76	319	3:11	1	0.409	A BB	2362.	2.279 NG	0.30	J
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	83	643	6:26	1	0.824	A BB	796.	1.045 NG	0.14	J
20	62	720	7:12	1	0.923	A BB	2762.	5.146 NG	0.67	J
21	43	602	6:01	1	0.772	A BB	2062.	10.425 NG	1.36	u
22	117	1233	12:20	22	1.000	A BB	72242.	100.000 NG	13.08	
23	98	1000	10:00	22	0.811	A BB	107182.	100.774 NG	13.19	
24	95	1418	14:11	22	1.150	A BB	49225.	101.475 NG	13.28	
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
~~28~~	~~78~~	~~710~~	~~7:06~~	~~22~~	~~0.576~~	~~A BB~~	~~588.~~	~~0.352 NG~~	~~0.05~~	VZ,30
29	NOT FOUND									
~~30~~	~~63~~	~~845~~	~~8:27~~	~~22~~	~~0.685~~	~~A BB~~	~~60.~~	~~0.108 NG~~	~~0.01~~	VZ,32
31	NOT FOUND									
32	NOT FOUND									
~~33~~	~~75~~	~~964~~	~~9:38~~	~~22~~	~~0.782~~	~~A BB~~	~~80.~~	~~0.122 NG~~	~~0.02~~	VZ,35
34	NOT FOUND									
35	NOT FOUND									
36	91	1010	10:06	22	0.819	A BB	1120.	0.696 NG	0.09	u
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									
~~43~~	~~112~~	~~1237~~	~~12:22~~	~~22~~	~~1.003~~	~~A BB~~	~~70.~~	~~0.084 NG~~	~~0.01~~	VZ,45
44	NOT FOUND									
~~45~~	~~91~~	~~1260~~	~~12:36~~	~~22~~	~~1.022~~	~~A BB~~	~~168.~~	~~0.094 NG~~	~~0.01~~	VZ,47
46	106	1282	12:49	22	1.040	A BB	110.	0.215 NG	0.03	u
47	NOT FOUND									
~~48~~	~~104~~	~~1351~~	~~13:31~~	~~22~~	~~1.096~~	~~A BB~~	~~76.~~	~~0.091 NG~~	~~0.01~~	VZ,50
49	NOT FOUND									
50	152	1547	15:28	50	1.000	A BB	41138.	100.000 NG	13.08	

No	Ret(L).	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	7:50	0.99	1.000	1.00	100.00	100.00	1.000	1.000	1.00
2	5:29	0.99	0.699	0.99	117.78	100.00	0.123	0.104	1.18
3	7:08	0.99	0.909	1.00	110.52	100.00	0.439	0.397	1.11
4	0:48	0.90	0.102	0.90	0.33	100.00	0.002	0.612	0.00
5	1:01	0.91	0.130	0.92	1.13	115.00	0.006	0.584	0.01
6	1:11		0.151						
7	1:38		0.208						
8	1:49	0.96	0.232	0.96	0.18	105.00	0.001	0.327	0.00
9	2:14	0.97	0.286	0.97	0.04	100.00	0.000	0.437	0.00
10	3:05		0.394						
11	3:24		0.434						
12	3:58	0.98	0.505	0.98	7.92	100.00	0.045	0.574	0.08
13	3:16	0.98	0.417	0.98	2.28	100.00	0.026	1.144	0.02
14	4:22		0.557						
15	5:02		0.642						
16	5:52		0.747						
17	5:55		0.755						
18	6:16		0.800						
19	6:28	0.99	0.825	1.00	1.04	100.00	0.009	0.841	0.01
20	7:14	0.99	0.923	1.00	5.15	100.00	0.030	0.593	0.05
21	6:04	0.99	0.773	1.00	10.43	100.00	0.023	0.218	0.10
22	12:21	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
23	10:02	1.00	0.812	1.00	100.77	100.00	1.484	1.472	1.01
24	14:11	1.00	1.149	1.00	101.48	100.00	0.681	0.671	1.01
25	6:36		0.534						
26	6:50		0.553						
27	6:52		0.555						
28	7:09	0.99	0.579	0.99	0.35	100.00	0.008	2.309	0.00
29	8:10		0.661						
30	8:29	1.00	0.687	1.00	0.11	100.00	0.001	0.767	0.00
31	8:41		0.703						
32	8:59		0.728						
33	9:40	1.00	0.783	1.00	0.12	100.00	0.001	0.911	0.00
34	10:35		0.857						
35	9:58		0.807						
36	10:08	1.00	0.820	1.00	0.70	100.00	0.016	2.228	0.01
37	10:51		0.879						
38	10:59		0.889						
39	11:05		0.898						
40	11:19		0.917						
41	11:27		0.927						
42	14:26		1.169						
43	12:24	1.00	1.004	1.00	0.08	100.00	0.001	1.150	0.00
44	12:35		1.019						
45	12:37	1.00	1.022	1.00	0.09	100.00	0.002	2.481	0.00
46	12:50	1.00	1.039	1.00	0.21	200.00	0.001	0.710	0.00
47	13:29		1.092						
48	13:32	1.00	1.096	1.00	0.09	100.00	0.001	1.156	0.00
49	11:34		0.937						
50	15:29	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00

Quantitation Report File: A130156

Data: A130156.TI
04/09/91 14:45:00
Sample: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: - Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: SVP Acct. No.: AVW1099

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
51	C180 BROMOFORM
52	C259 ISOPROPYLBENZENE
53	C246 BROMOBENZENE
54	C247 1,2,3-TRICHLOROPROPANE
55	C260 PROPYLBENZENE
56	C248 2-CHLOROTOLUENE
57	C249 4-CHLOROTOLUENE
58	C253 1,3,5-TRIMETHYLBENZENE
59	C252 TERT-BUTYLBENZENE
60	C251 1,2,4-TRIMETHYLBENZENE
61	C254 SEC-BUTYLBENZENE
62	C336 1,3-DICHLOROBENZENE
63	C255 P-ISOPROPYLTOLUENE
64	C341 1,4-DICHLOROBENZENE
65	C351 1,2-DICHLOROBENZENE
66	C256 BUTYLBENZENE
67	C257 1,2-DIBROMO-3-CHLOROPROPANE
68	C446 1,2,4-TRICHLOROBENZENE
69	C461 HEXACHLOROBUTADIENE
70	C451 NAPHTHALENE
71	C258 1,2,3-TRICHLOROBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot	
51	NOT FOUND									
~~52~~	~~105~~	~~1401~~	~~14:01~~	~~50~~	~~0.906~~	~~A BB~~	~~100.~~	~~0.062 NG~~	~~0.01~~	V2,53
53	NOT FOUND									
54	NOT FOUND									
55	NOT FOUND									
~~56~~	~~126~~	~~1458~~	~~14:35~~	~~50~~	~~0.942~~	~~A BB~~	~~28.~~	~~0.083 NG~~	~~0.01~~	V2,57
57	NOT FOUND									
~~58~~	~~105~~	~~1472~~	~~14:43~~	~~50~~	~~0.952~~	~~A BB~~	~~190.~~	~~0.148 NG~~	~~0.02~~	V2,59
~~59~~	~~119~~	~~1507~~	~~15:04~~	~~50~~	~~0.974~~	~~A BB~~	~~70.~~	~~0.057 NG~~	~~0.01~~	V2,60
60	105	1512	15:07	50	0.977	A BB	400.	0.333 NG	0.04	u
~~61~~	~~105~~	~~1530~~	~~15:18~~	~~50~~	~~0.989~~	~~A BB~~	~~128.~~	~~0.074 NG~~	~~0.01~~	V2,62
~~62~~	~~146~~	~~1540~~	~~15:24~~	~~50~~	~~0.995~~	~~A BB~~	~~104.~~	~~0.165 NG~~	~~0.02~~	V2,63
~~63~~	~~119~~	~~1547~~	~~15:28~~	~~50~~	~~1.000~~	~~A BB~~	~~236.~~	~~0.187 NG~~	~~0.02~~	V2,64
~~64~~	~~146~~	~~1549~~	~~15:29~~	~~50~~	~~1.001~~	~~A BB~~	~~182.~~	~~0.285 NG~~	~~0.04~~	V2,65
65	146	1588	15:53	50	1.027	A BB	166.	0.277 NG	0.04	J
~~66~~	~~91~~	~~1589~~	~~15:53~~	~~50~~	~~1.027~~	~~A BB~~	~~254.~~	~~0.176 NG~~	~~0.02~~	V2,67
67	NOT FOUND									
~~68~~	~~180~~	~~1749~~	~~17:29~~	~~50~~	~~1.131~~	~~A BB~~	~~96.~~	~~0.311 NG~~	~~0.04~~	V2,69
69	NOT FOUND									
~~70~~	~~128~~	~~1777~~	~~17:46~~	~~50~~	~~1.149~~	~~A BB~~	~~390.~~	~~1.142 NG~~	~~0.15~~	V2,71
~~71~~	~~180~~	~~1806~~	~~18:04~~	~~50~~	~~1.167~~	~~A BB~~	~~64.~~	~~0.276 NG~~	~~0.04~~	V2,72

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:46		0.889						
52	14:01	1.00	0.905	1.00	0.06	100.00	0.002	3.914	0.00
53	14:20		0.926						
54	14:27		0.933						
55	14:31		0.937						
56	14:35	1.00	0.943	1.00	0.08	100.00	0.001	0.819	0.00
57	14:43		0.951						
58	14:44	1.00	0.952	1.00	0.15	100.00	0.005	3.246	0.00
59	15:04	1.00	0.974	1.00	0.06	100.00	0.002	2.977	0.00
60	15:08	1.00	0.977	1.00	0.33	100.00	0.010	2.924	0.00
61	15:19	1.00	0.989	1.00	0.07	100.00	0.003	4.215	0.00
62	15:25	1.00	0.995	1.00	0.16	100.00	0.003	1.532	0.00
63	15:28	1.00	0.999	1.00	0.19	100.00	0.006	3.067	0.00
64	15:30	1.00	1.001	1.00	0.28	100.00	0.004	1.554	0.00
65	15:53	1.00	1.026	1.00	0.28	100.00	0.004	1.456	0.00
66	15:53	1.00	1.026	1.00	0.18	100.00	0.006	3.512	0.00
67	16:41		1.078						
68	17:29	1.00	1.130	1.00	0.31	100.00	0.002	0.751	0.00
69	17:41		1.142						
70	17:46	1.00	1.147	1.00	1.14	100.00	0.009	0.830	0.01
71	18:03	1.00	1.166	1.00	0.28	100.00	0.002	0.564	0.00

PROCEDURE: TCA DIAGNOSTIC REPORT 4/09/91 15:49:27
DATA FILE: A130156
REFERENCE: VOZ11
NAME LIST: KZ INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: XZ1

< ---- STANDARDS ----- >				< --- PLUS UNKNOWNS --- >				< - LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
1	1	1	0	8	5	1	84	XZ1/ZZ1
1	1	1	0	8	3	3	244	XZ1/ZZ2
1	1	1	0	7	4	2	71	XZ1/ZZ3
1	1	1	0	8	3	1	9	XZ2/ZZ4
1	1	1	0	8	2	1	0	XZ2/ZZ5
1	1	1	0	8	1	1	0	XZ2/ZZ6
1	1	1	0	7	1	1	0	XZ2/ZZ7
1	1	1	0	8	1	1	0	XZ3/ZZ8
1	1	1	0	8	1	1	0	XZ3/ZZ9
1	1	1	0	8	1	1	0	XZ3/ZZ10

71 COMPOUNDS PROCESSED, 15 FOUND

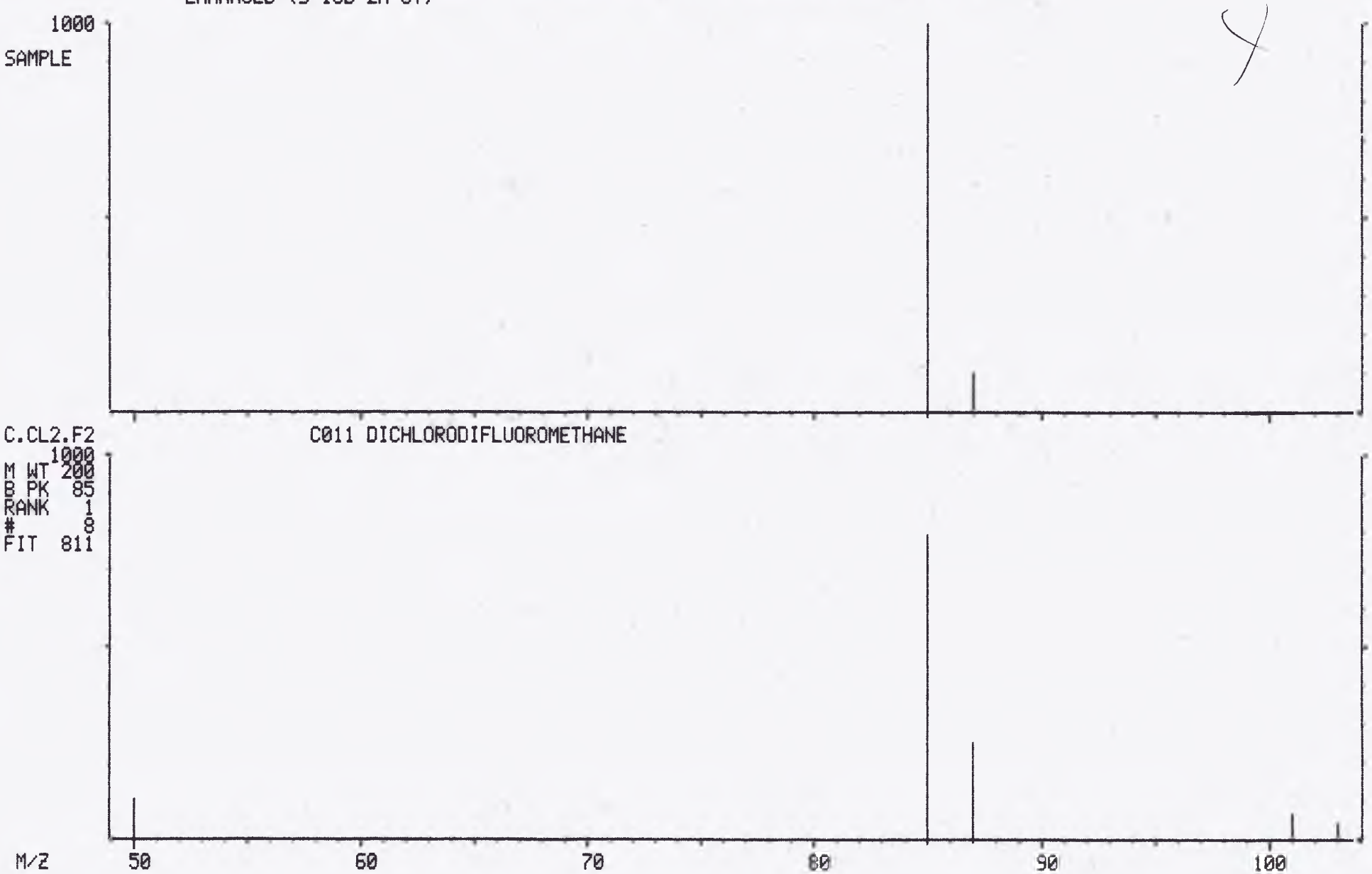
< COMPOUND >				< ---------- SEARCH ---------- >				< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VZ	1	-784	781	781	.	1	983	.	114	780	-1	1
2	VZ	4	-548	542	542	.	1	989	.	126	542	.	1
3	VZ	5	-713	709	708	-1	1	970	.	65	709	1	1
4	VZ	8	-80	71	72	1	1	856	.	85	72	.	1
5	VZ	9	-102	93	93	.	1	997	.	50	93	.	1
6	VZ	10	-118	110	.	.	.	.	.	62	.	.	.
7	VZ	11	-163	155	.	.	.	.	.	94	.	.	.
8	VZ	12	-182	174	.	.	.	.	.	64	174	.	1
9	VZ	13	-224	217	.	.	.	.	.	101	217	.	2
10	VZ	14	-309	302	.	.	.	.	.	96	.	.	.
11	VZ	15	-340	333	335	2	3	991	.	43	.	.	.
12	VZ	16	-396	390	388	-2	1	971	.	84	388	.	1
13	VZ	17	-327	320	.	.	.	.	.	76	319	.	1
14	VZ	18	-437	431	.	.	.	.	.	96	.	.	.
15	VZ	19	-503	498	.	.	.	.	.	63	.	.	.
16	VZ	20	-586	581	.	.	.	.	.	77	.	.	.
17	VZ	21	-592	587	.	.	.	.	.	96	.	.	.
18	VZ	22	-627	623	.	.	.	.	.	128	.	.	.
19	VZ	23	-647	643	642	-1	1	881	.	83	643	1	1
20	VZ	24	-724	720	720	.	1	958	.	62	720	.	1
21	VZ	26	-606	601	602	1	2	993	.	43	602	.	1
22	VZ	2	-1235	1233	1233	.	1	951	.	117	1233	.	1
23	VZ	6	-1003	1000	1000	.	1	977	.	98	1000	.	1
24	VZ	7	-1419	1418	1418	.	1	985	.	95	1418	.	1
25	VZ	27	-660	655	.	.	.	.	.	97	.	.	.
26	VZ	28	-683	678	.	.	.	.	.	117	.	.	.
27	VZ	29	-686	681	.	.	.	.	.	75	.	.	.
28	VZ	30	-715	711	.	.	.	.	.	78	710	.	1
29	VZ	31	-816	812	.	.	.	.	.	130	.	.	.
30	VZ	32	-849	845	.	.	.	.	.	63	845	.	1
31	VZ	33	-868	864	.	.	.	.	.	93	.	.	.
32	VZ	34	-899	895	.	.	.	.	.	83	.	.	.
33	VZ	35	-967	964	.	.	.	.	.	75	964	.	1
34	VZ	36	-1058	1055	.	.	.	.	.	75	.	.	.
35	VZ	37	-997	994	.	.	.	.	.	43	.	.	.
36	VZ	38	-1013	1010	1010	.	1	944	.	91	1010	.	1
37	VZ	39	-1085	1083	.	.	.	.	.	97	.	.	.
38	VZ	40	-1098	1096	.	.	.	.	.	164	.	.	.
39	VZ	41	-1109	1107	.	.	.	.	.	76	.	.	.
40	VZ	42	-1132	1130	.	.	.	.	.	43	.	.	.
41	VZ	43	-1145	1143	.	.	.	.	.	129	.	.	.
42	VZ	44	-1444	1442	.	.	.			83	.		

44	VZ	46	-1258	1256	.	.	.	.	.	131	.	.	.
45	VZ	47	-1262	1260	.	.	.	.	.	91	1260	.	1
46	VZ	48	-1283	1281	.	.	.	.	.	106	1282	.	1
47	VZ	49	-1349	1347	.	.	.	.	.	106	.	.	.
48	VZ	50	-1353	1351	.	.	.	.	.	104	1351	.	1
49	VZ	51	-1157	1155	.	.	.	.	.	107	.	.	.
50	VZ	3	-1548	1548	1548	.	1	958	.	152	1547	-1	1
51	VZ	52	-1376	1376	.	.	.	.	.	173	.	.	.
52	VZ	53	-1401	1401	.	.	.	.	.	105	1401	.	1
53	VZ	54	-1434	1434	.	.	.	.	.	156	.	.	.
54	VZ	55	-1445	1445	.	.	.	.	.	75	.	.	.
55	VZ	56	-1451	1451	.	.	.	.	.	120	.	.	.
56	VZ	57	-1459	1459	.	.	.	.	.	126	1458	.	1
57	VZ	58	-1472	1472	.	.	.	.	.	126	.	.	.
58	VZ	59	-1473	1473	.	.	.	.	.	105	1472	.	1
59	VZ	60	-1507	1507	.	.	.	.	.	119	1507	.	1
60	VZ	61	-1513	1513	.	.	.	.	.	105	1512	.	1
61	VZ	62	-1531	1531	.	.	.	.	.	105	1530	.	1
62	VZ	63	-1541	1541	.	.	.	.	.	146	1540	.	1
63	VZ	64	-1547	1547	.	.	.	.	.	119	1547	.	1
64	VZ	65	-1550	1550	.	.	.	.	.	146	1549	.	1
65	VZ	66	-1588	1588	.	.	.	.	.	146	1588	.	1
66	VZ	67	-1589	1589	.	.	.	.	.	91	1589	.	1
67	VZ	68	-1668	1668	.	.	.	.	.	75	.	.	.
68	VZ	69	-1749	1749	.	.	.	.	.	180	1749	.	1
69	VZ	70	-1768	1768	.	.	.	.	.	225	.	.	.
70	VZ	71	-1776	1776	.	.	.	.	.	128	1777	.	1
71	VZ	72	-1805	1805	.	.	.	.	.	180	1806	.	1

MID LIBRARY SEARCH
04/09/91 14:45:00 + 0:43
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 # 72
CALI: A130156 # 4

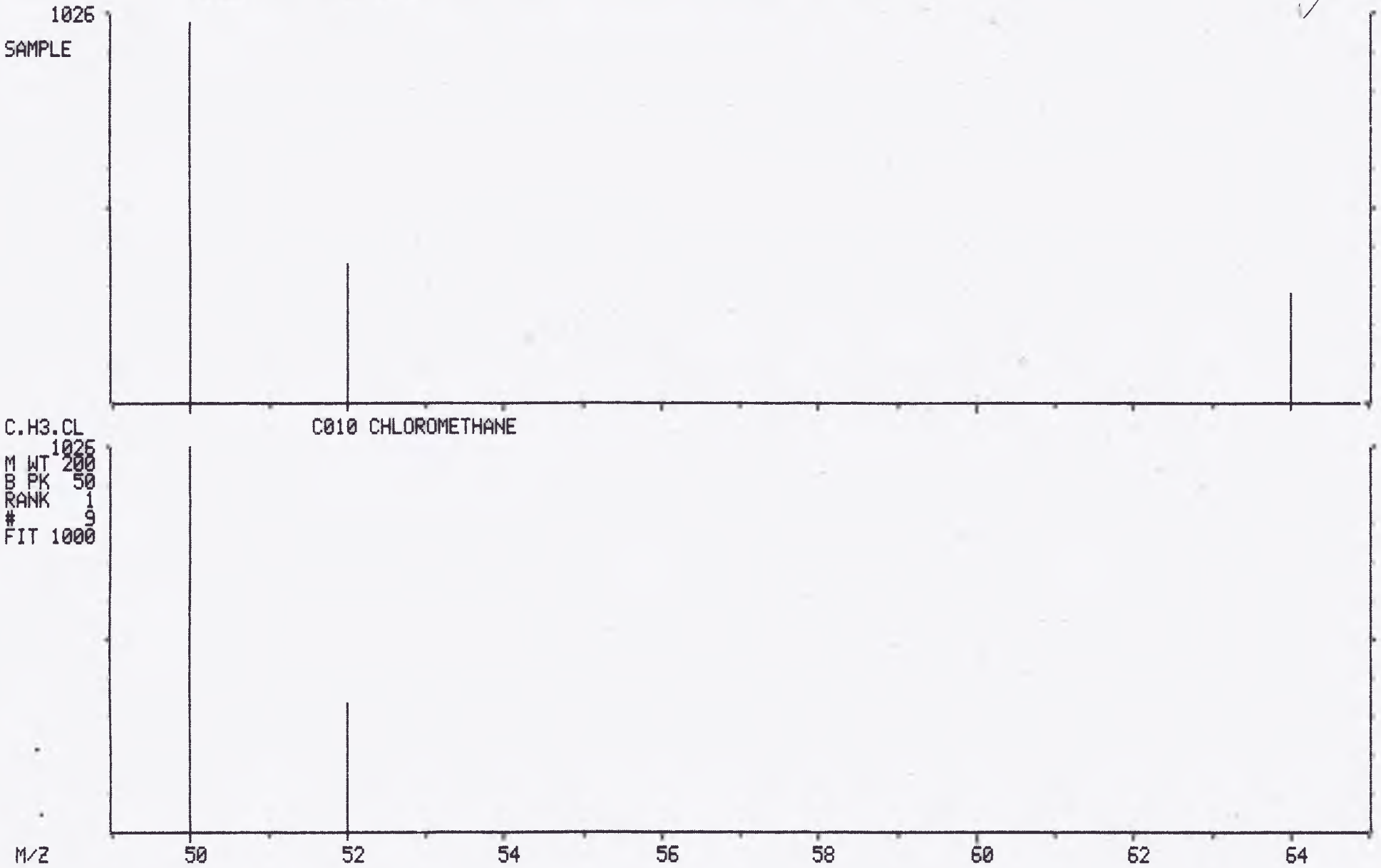
BASE M/Z: 85
RIC: 75.



MID LIBRARY SEARCH
04/09/91 14:45:00 + 0:56
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 # 93
CALI: A130156 # 4

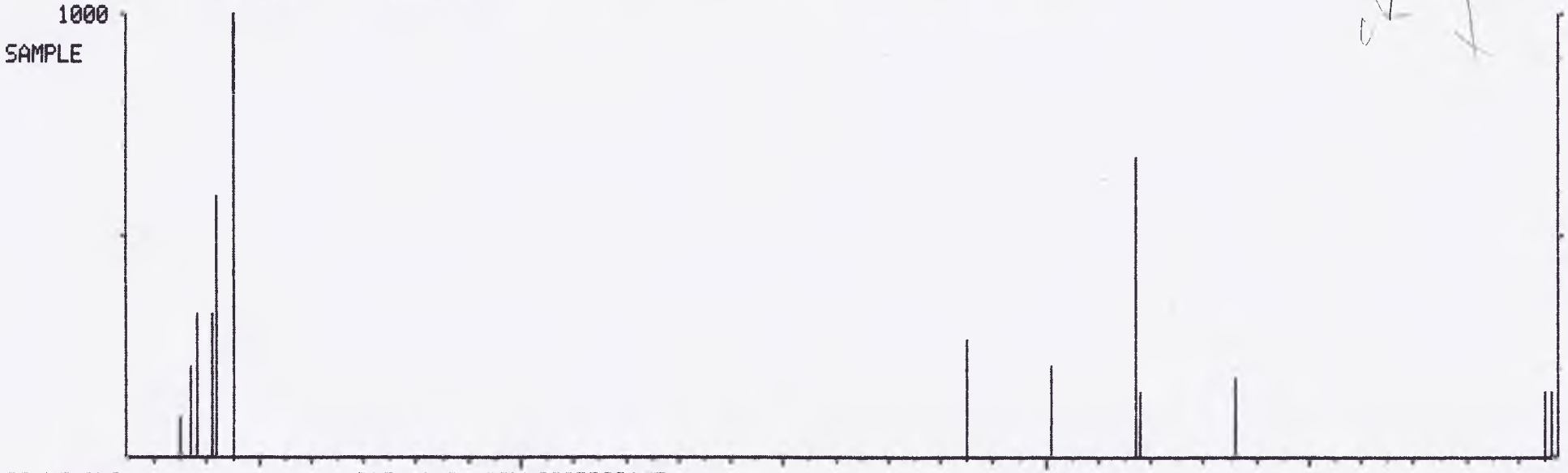
BASE M/Z: 50
RIC: 315.



MID LIBRARY SEARCH
04/09/91 14:45:00 + 3:21
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

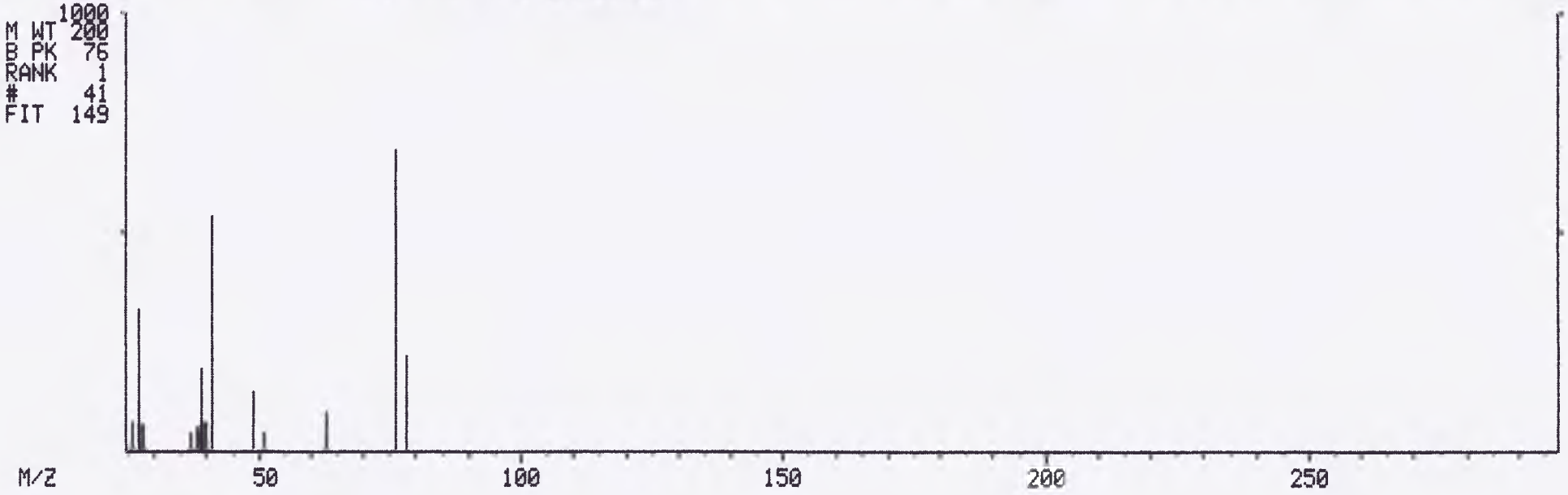
DATA: A130156 # 335
CALI: A130156 # 4

BASE M/Z: 45
RIC: 145.



C3.H6.CL2 C161 1,3-DICHLOROPROPANE

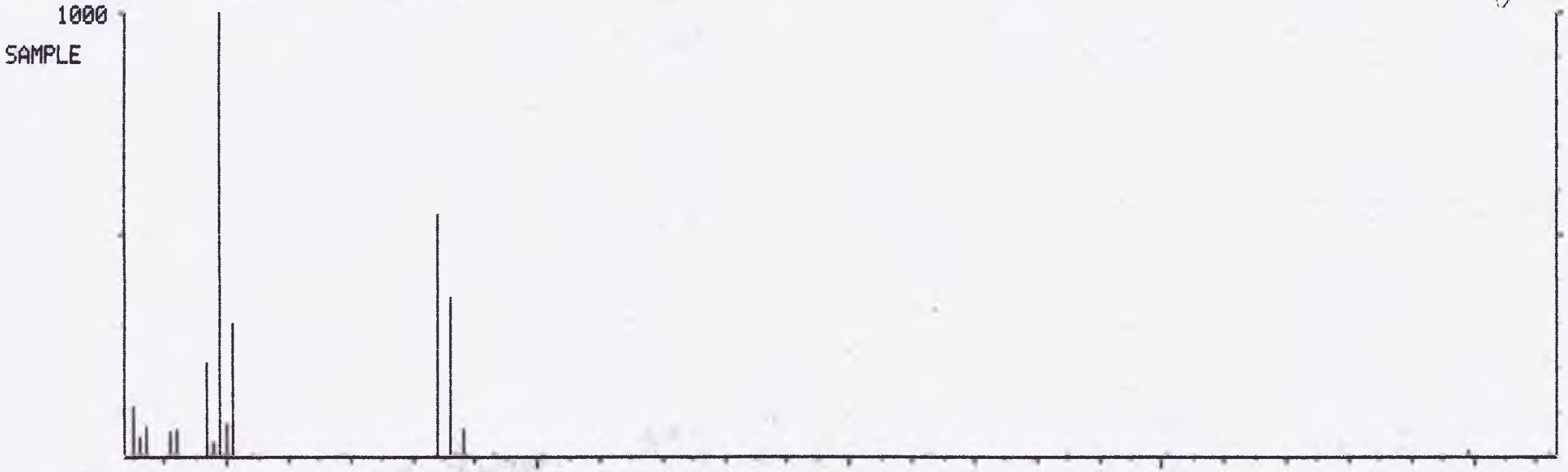
M WT 200
B PK 76
RANK 1
41
FIT 149



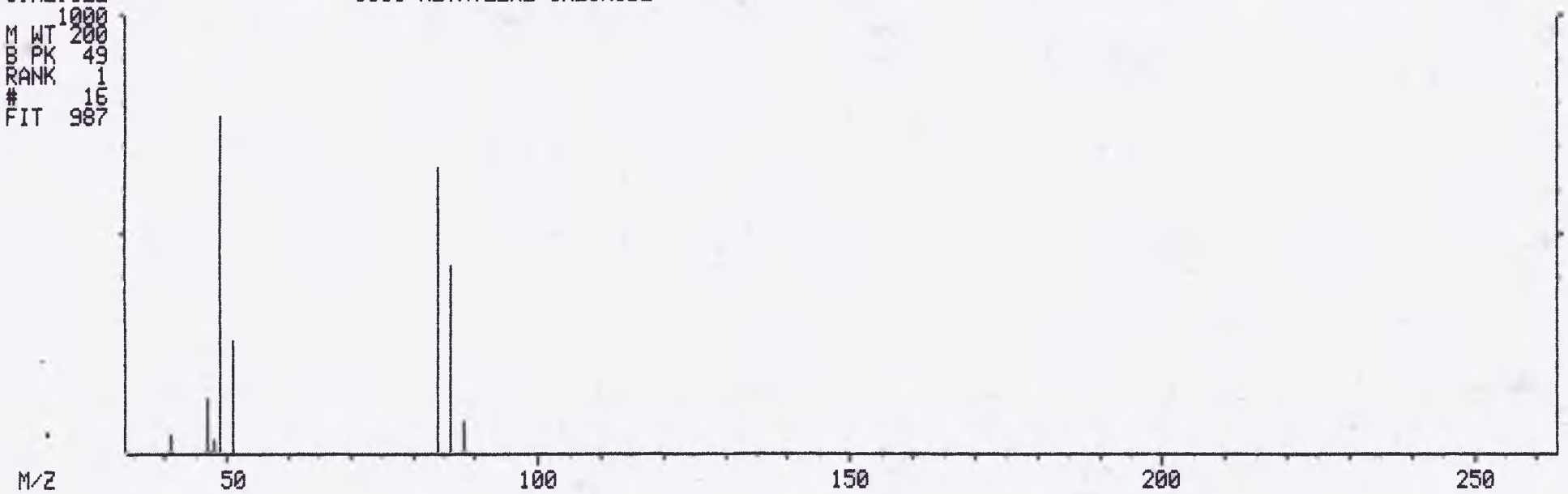
MID LIBRARY SEARCH
04/09/91 14:45:00 + 3:53
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 # 388
CALI: A130156 # 4

BASE M/Z: 49
RIC: 3719.



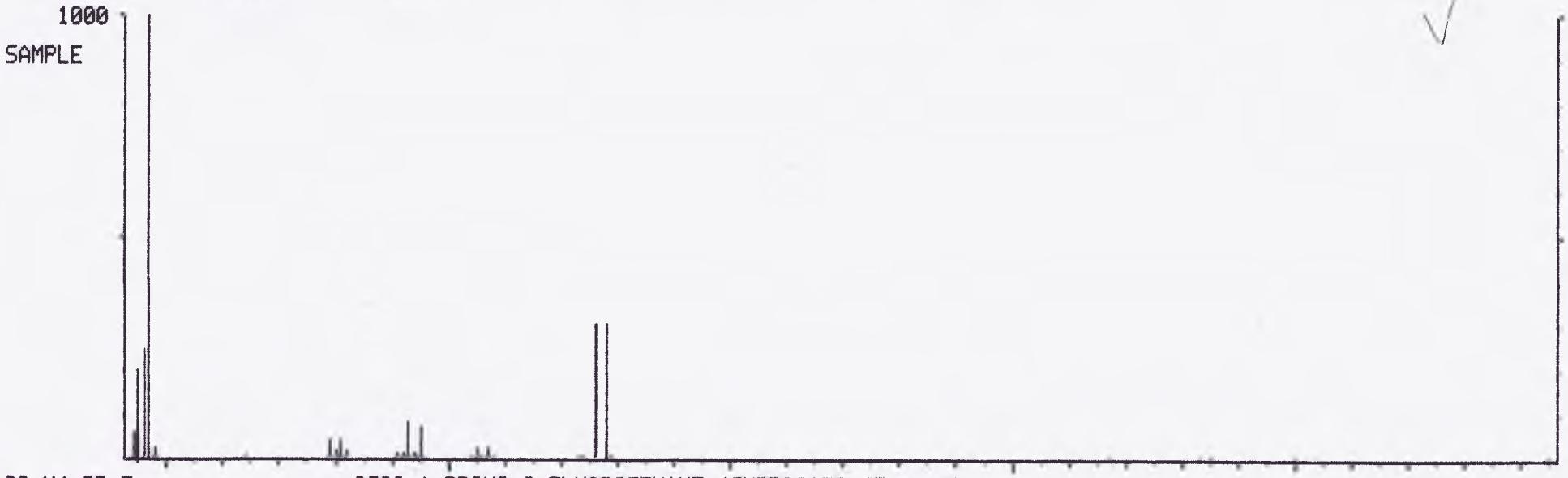
C.H2.CL2 C030 METHYLENE CHLORIDE



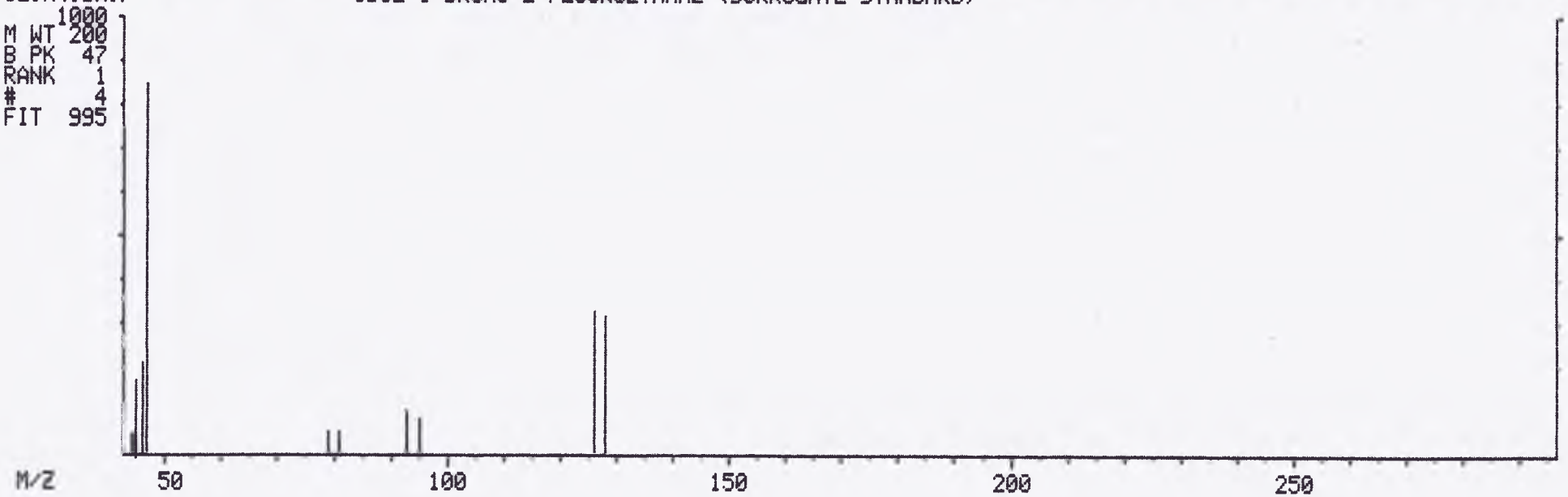
MID LIBRARY SEARCH
04/09/91 14:45:00 + 5:25
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 # 542
CALI: A130156 # 4

BASE M/Z: 47
RIC: 15023.



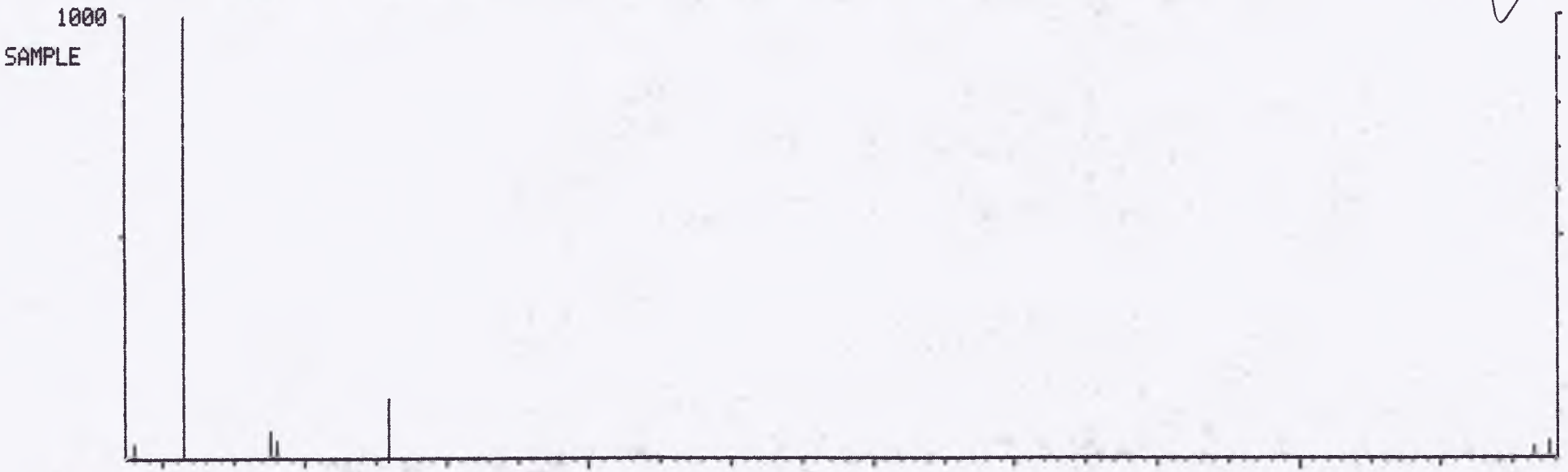
C2.H4.BR.F CS02 1-BROMO-2-FLUOROETHANE (SURROGATE STANDARD)



MID LIBRARY SEARCH
04/09/91 14:45:00 + 6:01
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

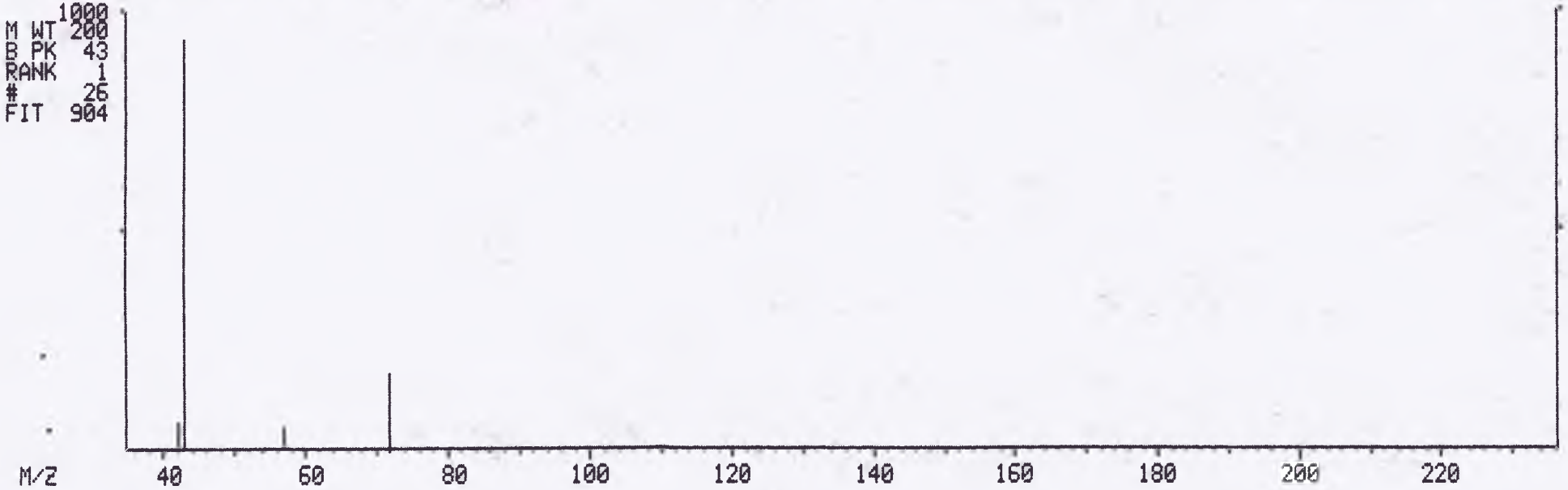
DATA: A130156 # 602
CALI: A130156 # 4

BASE M/Z: 43
RIC: 222.



C4.H8.O

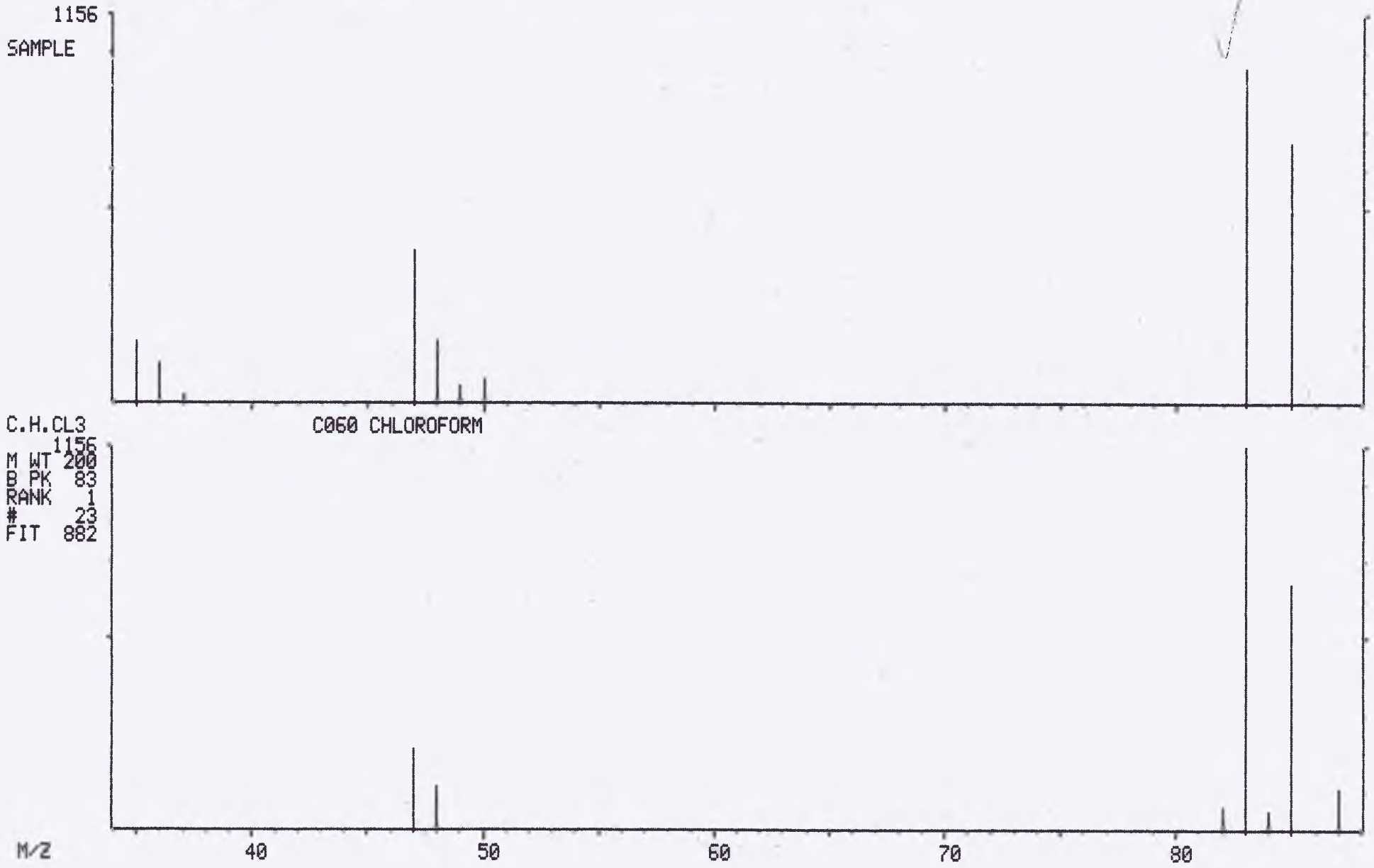
C110 2-BUTANONE



MID LIBRARY SEARCH
04/09/91 14:45:00 + 6:25
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 # 642
CALI: A130156 # 4

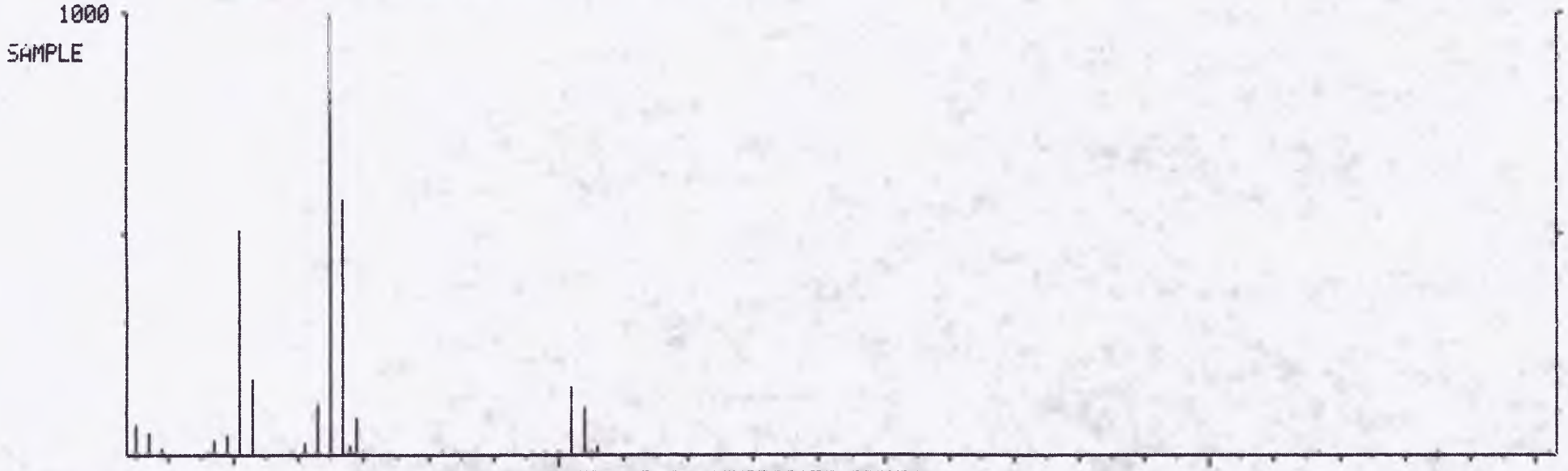
BASE M/Z: 83
RIC: 404.



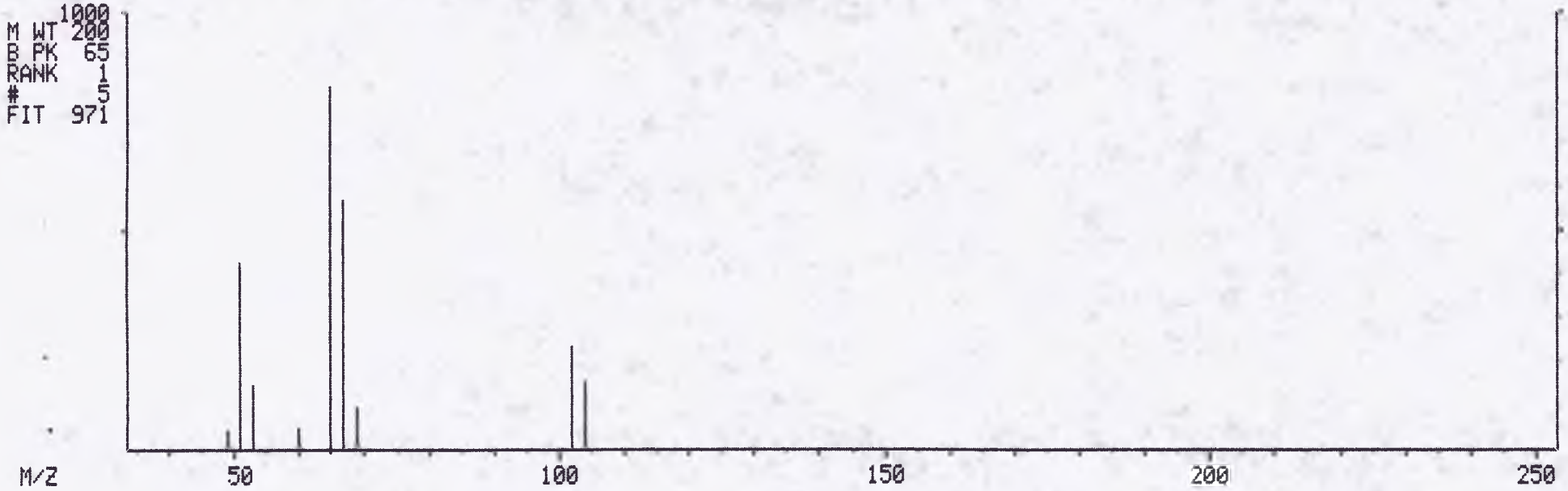
MID LIBRARY SEARCH
04/09/91 14:45:00 + 7:05
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 # 708
CALI: A130156 # 4

BASE M/Z: 65
RIC: 21343.



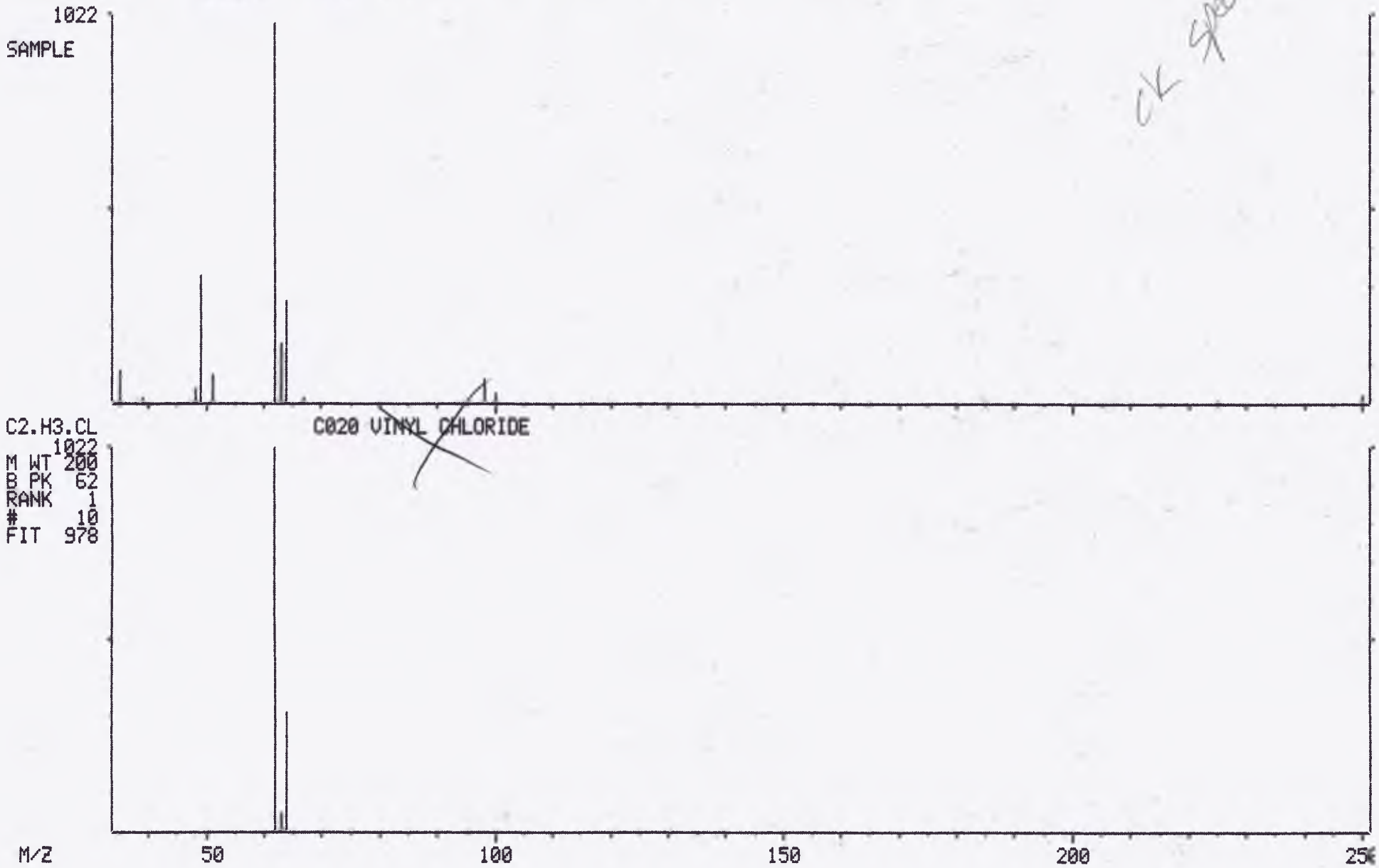
C2.CL2.D4 CS15 1,2-DICHLOROETHANE-D4 (SURROGATE SPIKE)



MID LIBRARY SEARCH
04/09/91 14:45:00 + 7:12
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 # 720
CALI: A130156 # 4

BASE M/Z: 62
RIC: 1055.

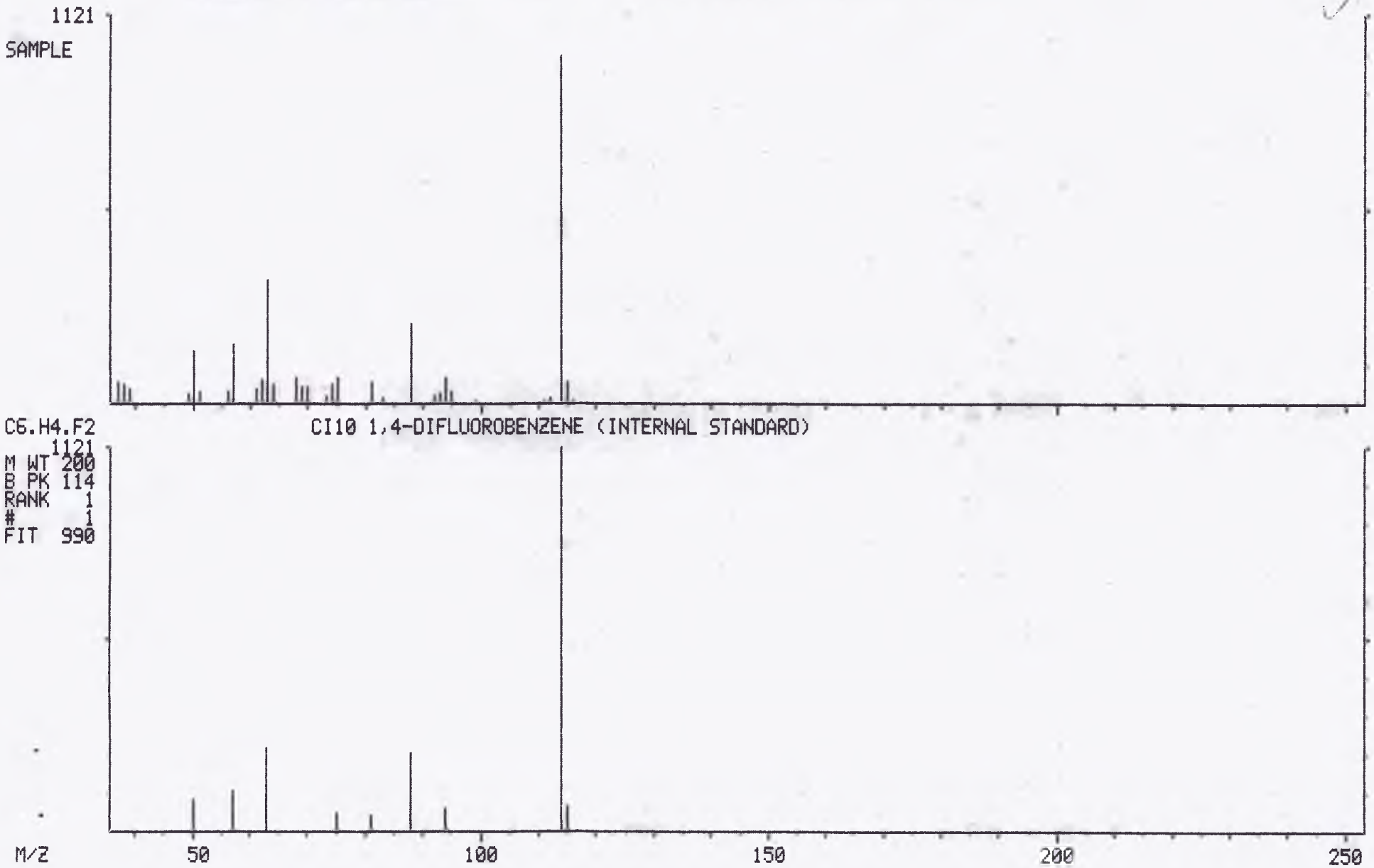


CK Spec

MID LIBRARY SEARCH
04/09/91 14:45:00 + 7:49
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 # 781
CALI: A130156 # 4

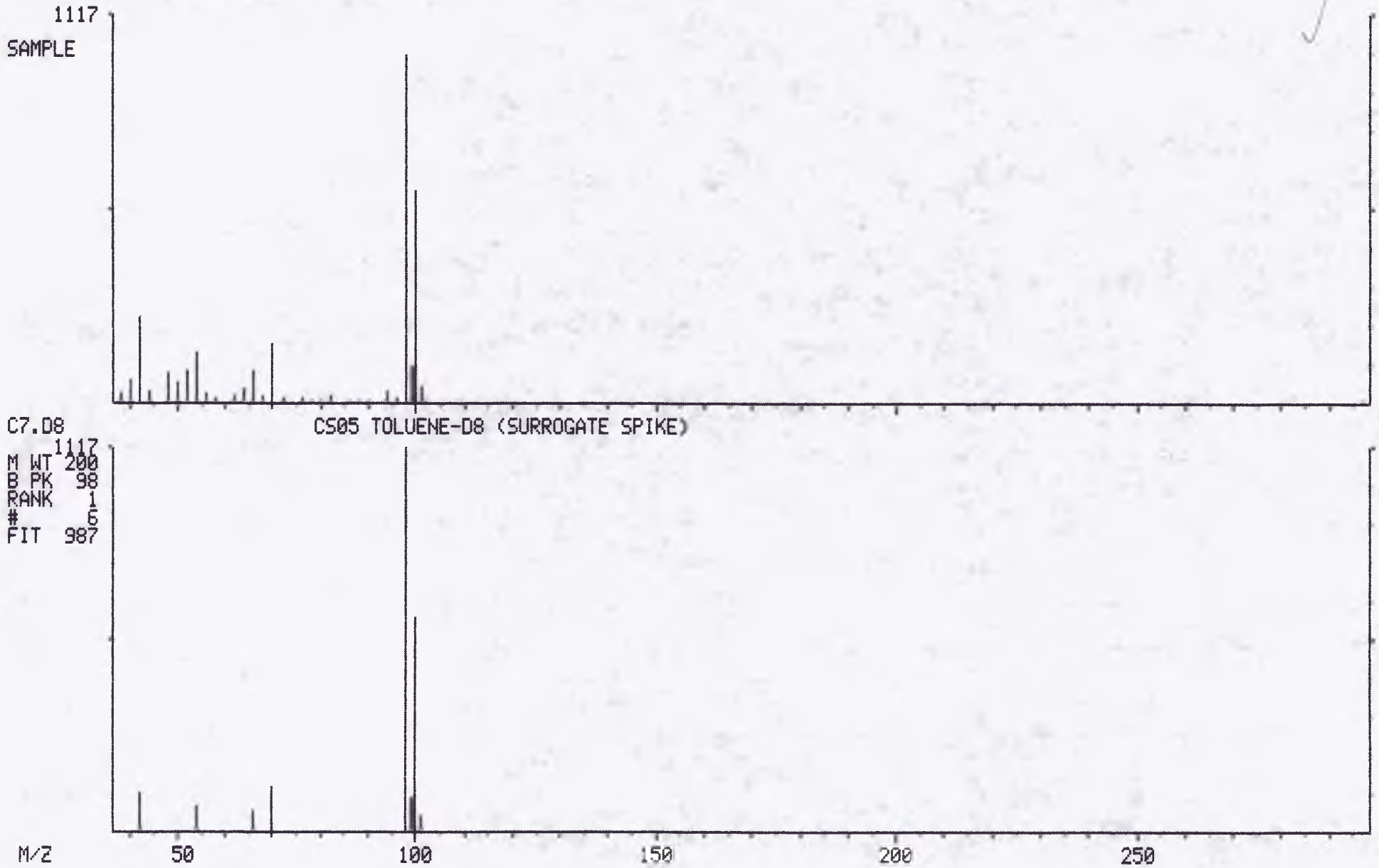
BASE M/Z: 114
RIC: 49919.



MID LIBRARY SEARCH
04/09/91 14:45:00 + 10:00
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 #1000
CALI: A130156 # 4

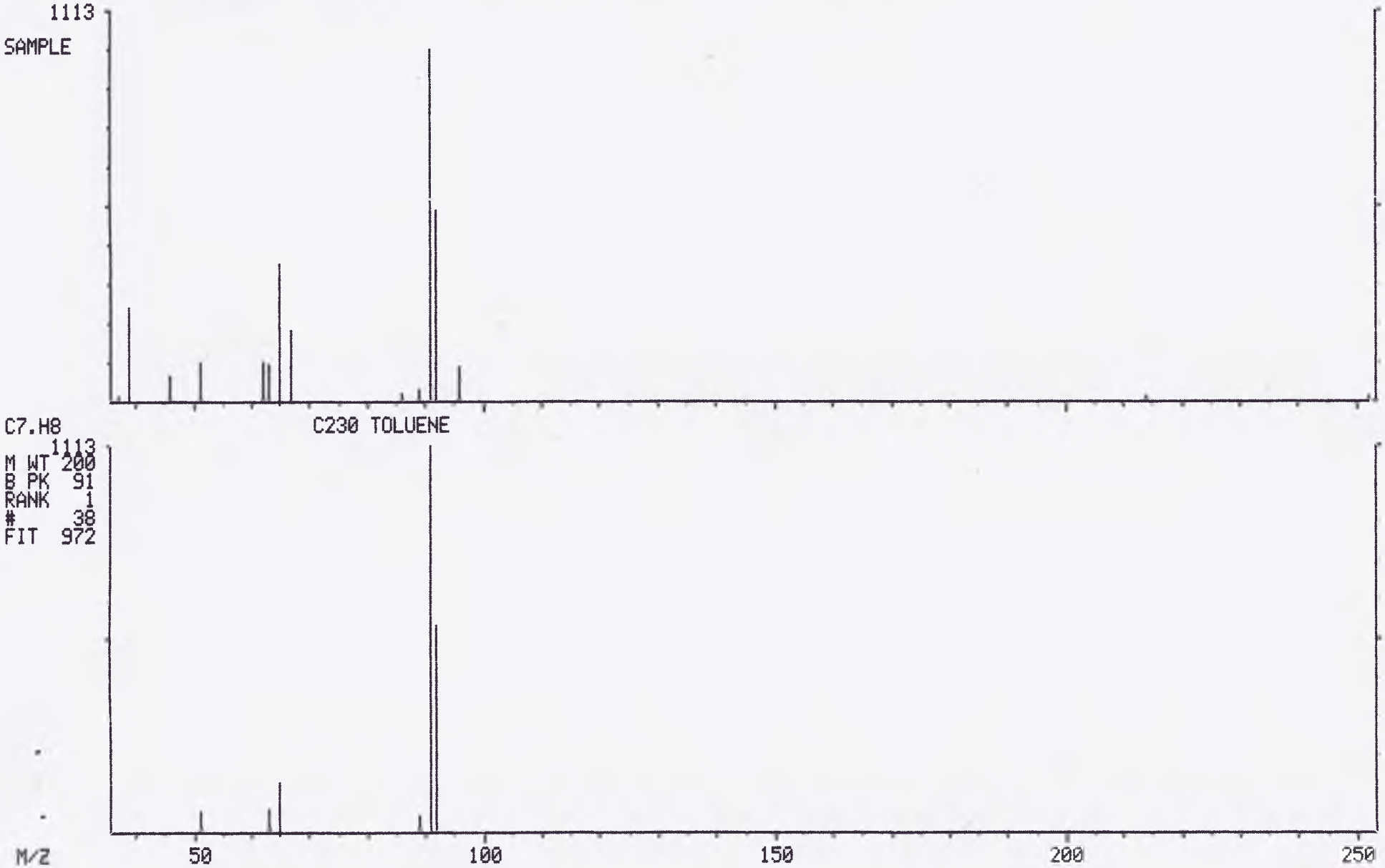
BASE M/Z: 98
RIC: 65663.



MID LIBRARY SEARCH
04/09/91 14:45:00 + 10:06
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 #1010
CALI: A130156 # 4

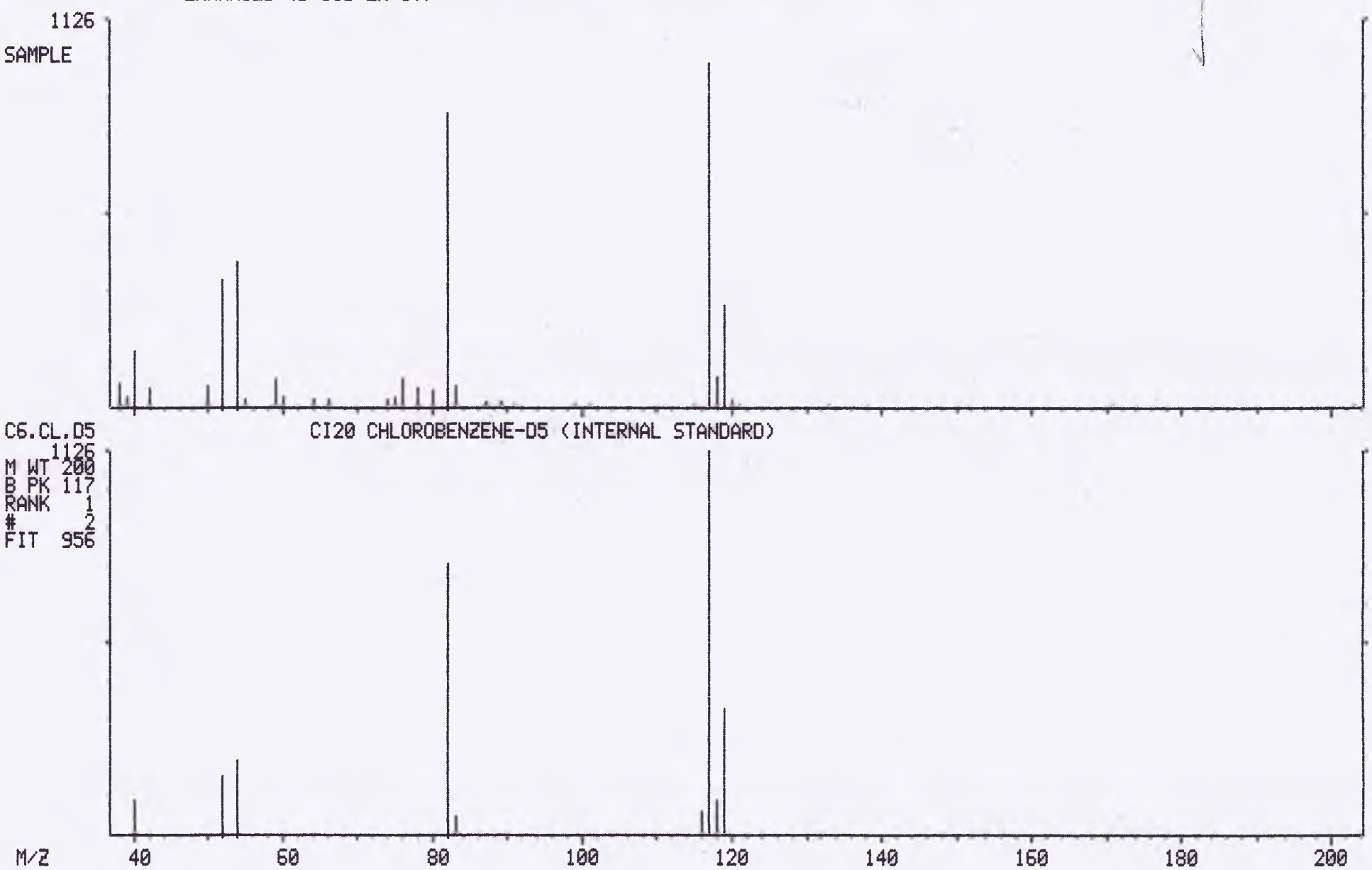
BASE M/Z: 91
RIC: 668.



MID LIBRARY SEARCH
04/09/91 14:45:00 + 12:20
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 #1233
CALI: A130156 # 4

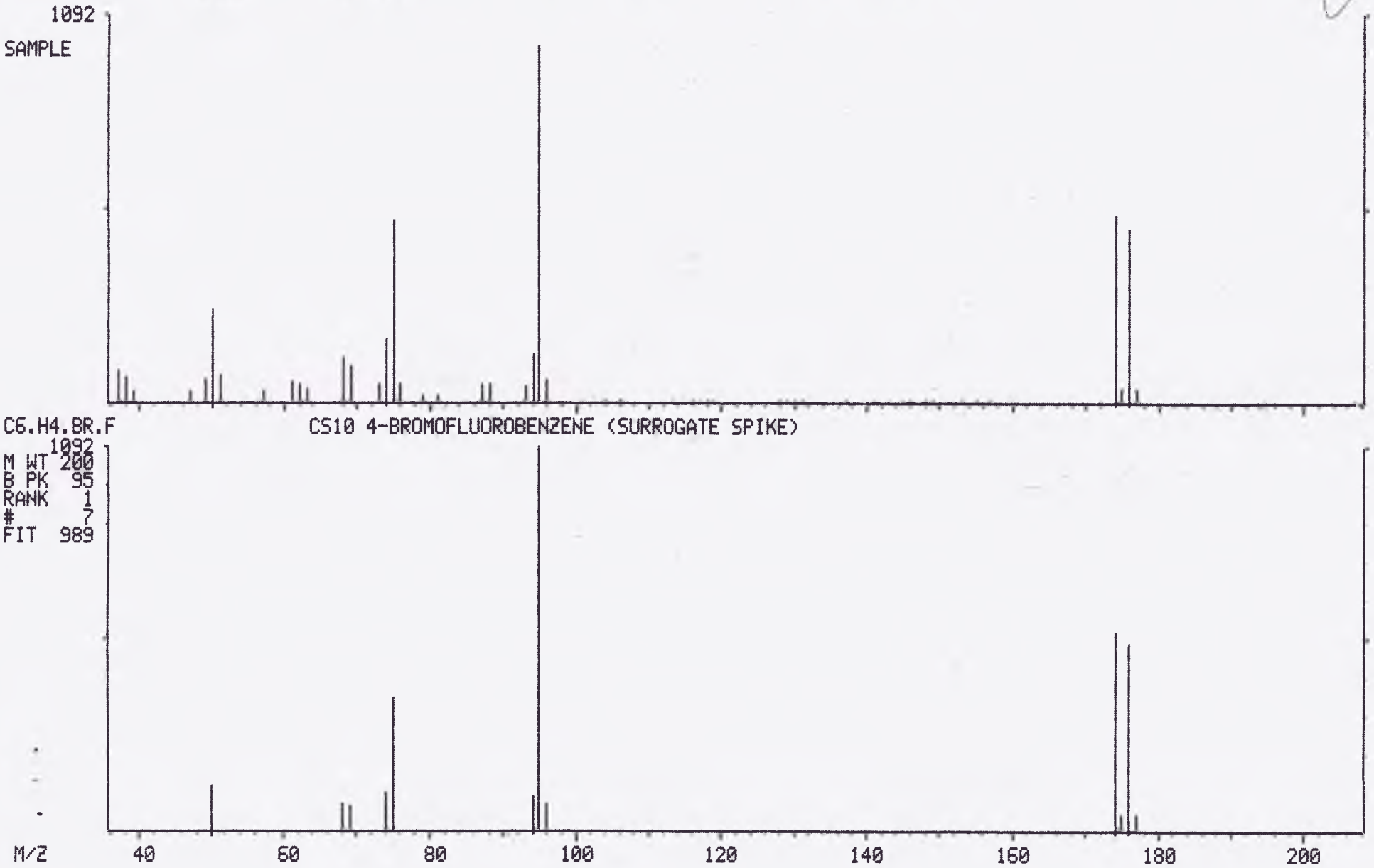
BASE M/Z: 117
RIC: 60287.



MID LIBRARY SEARCH
04/09/91 14:45:00 + 14:11
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 #1418
CALI: A130156 # 4

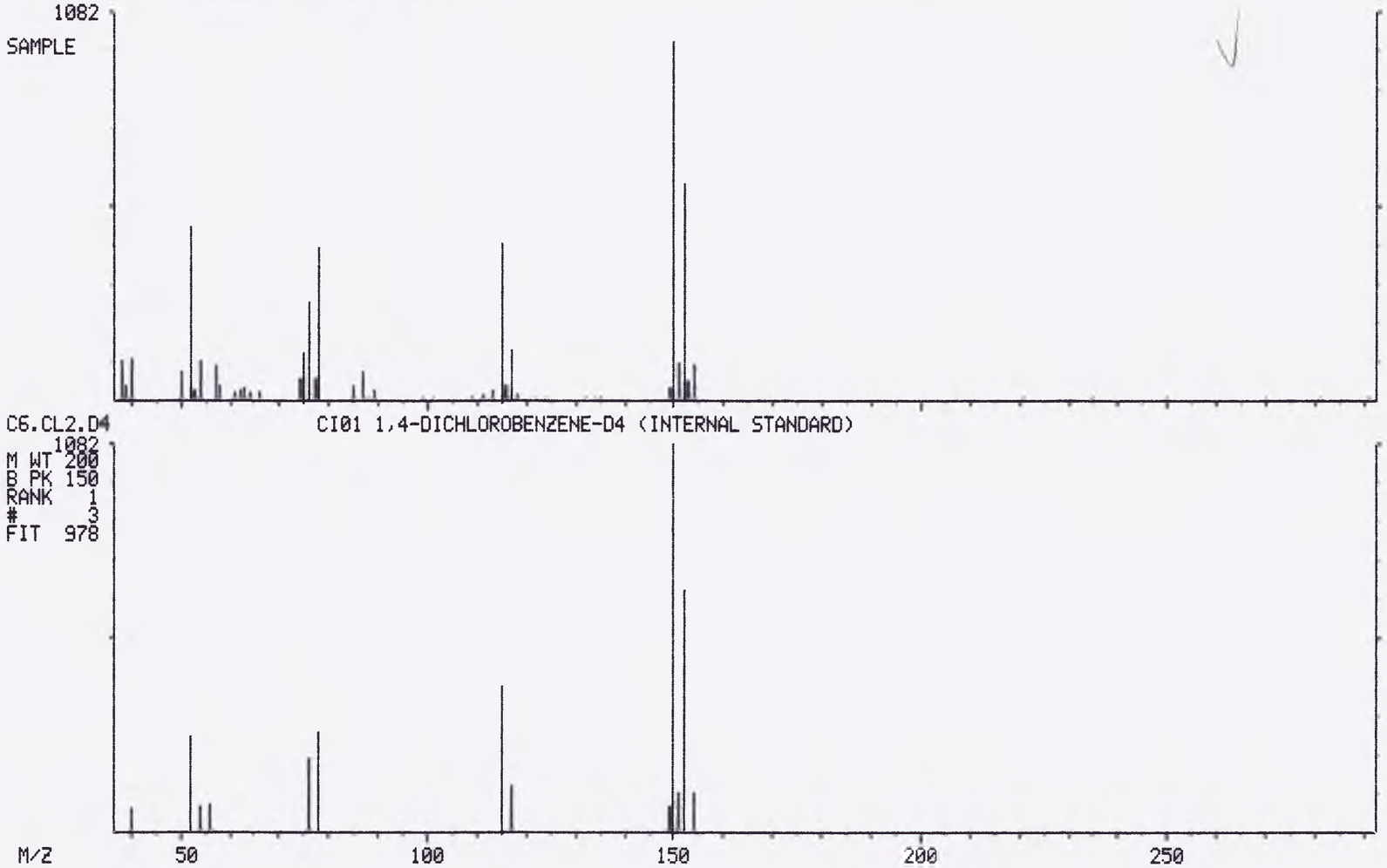
BASE M/Z: 95
RIC: 60927.



MID LIBRARY SEARCH
04/09/91 14:45:00 + 15:29
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130156 #1548
CALI: A130156 # 4

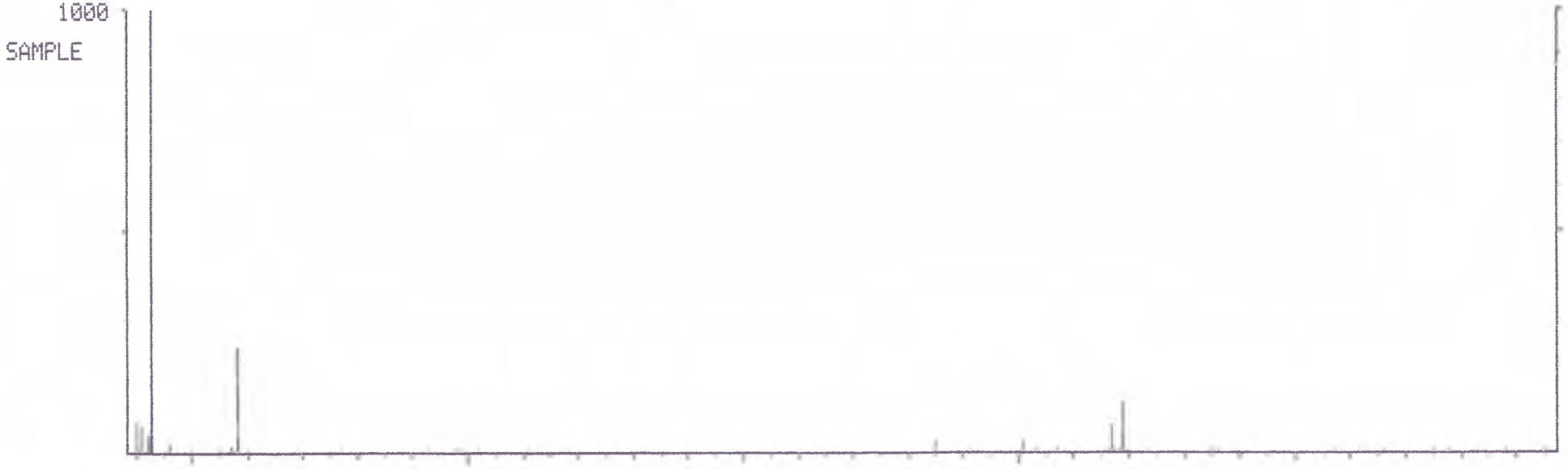
BASE M/Z: 150
RIC: 96511.



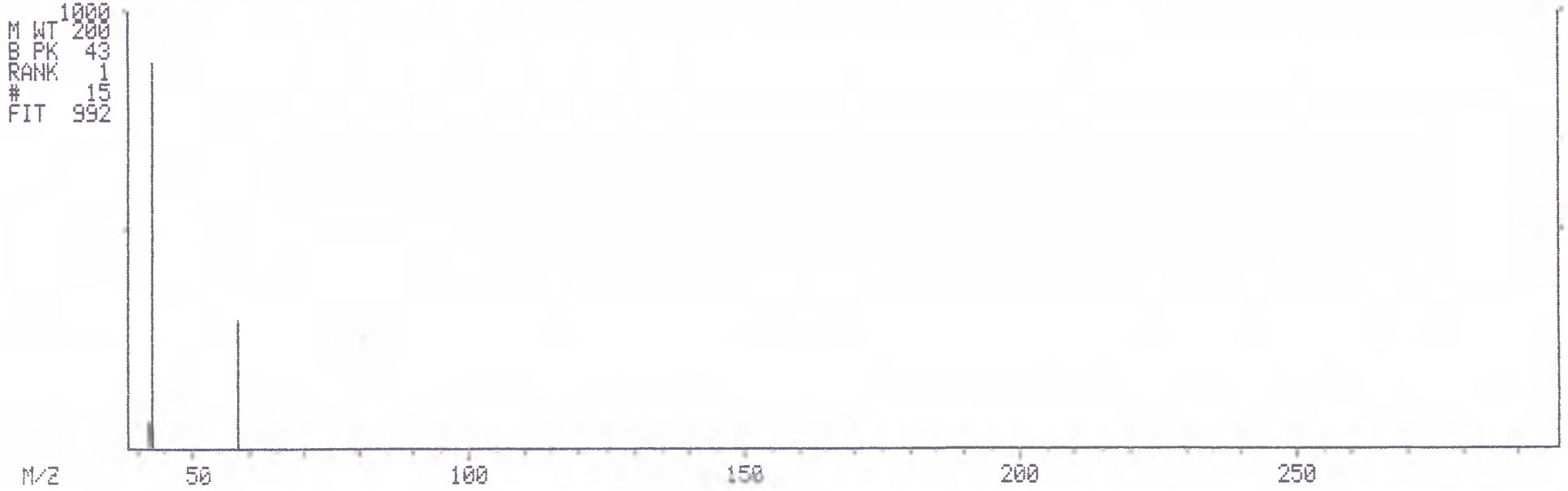
Input file: A130156.SL, Output file: A130156.SL
780, 1459 1547

ISTD
ISTD

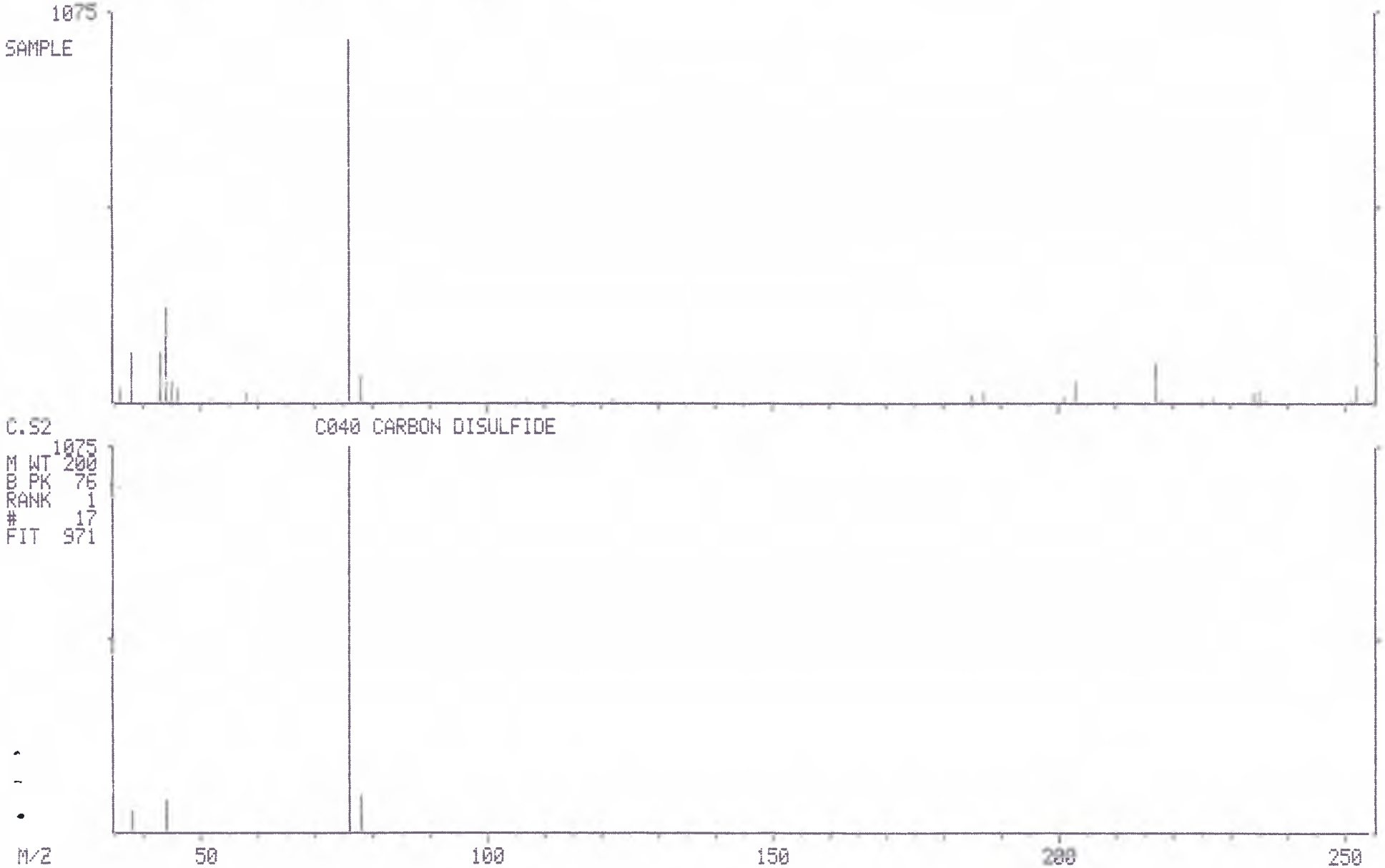
LIBRARY SEARCH DATA: A130156 # 329 BASE M/Z: 43
04/09/91 14:45:00 + 3:17 RIC: 7439.
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
322 TO # 337 SUMMED - # 317 X1.00



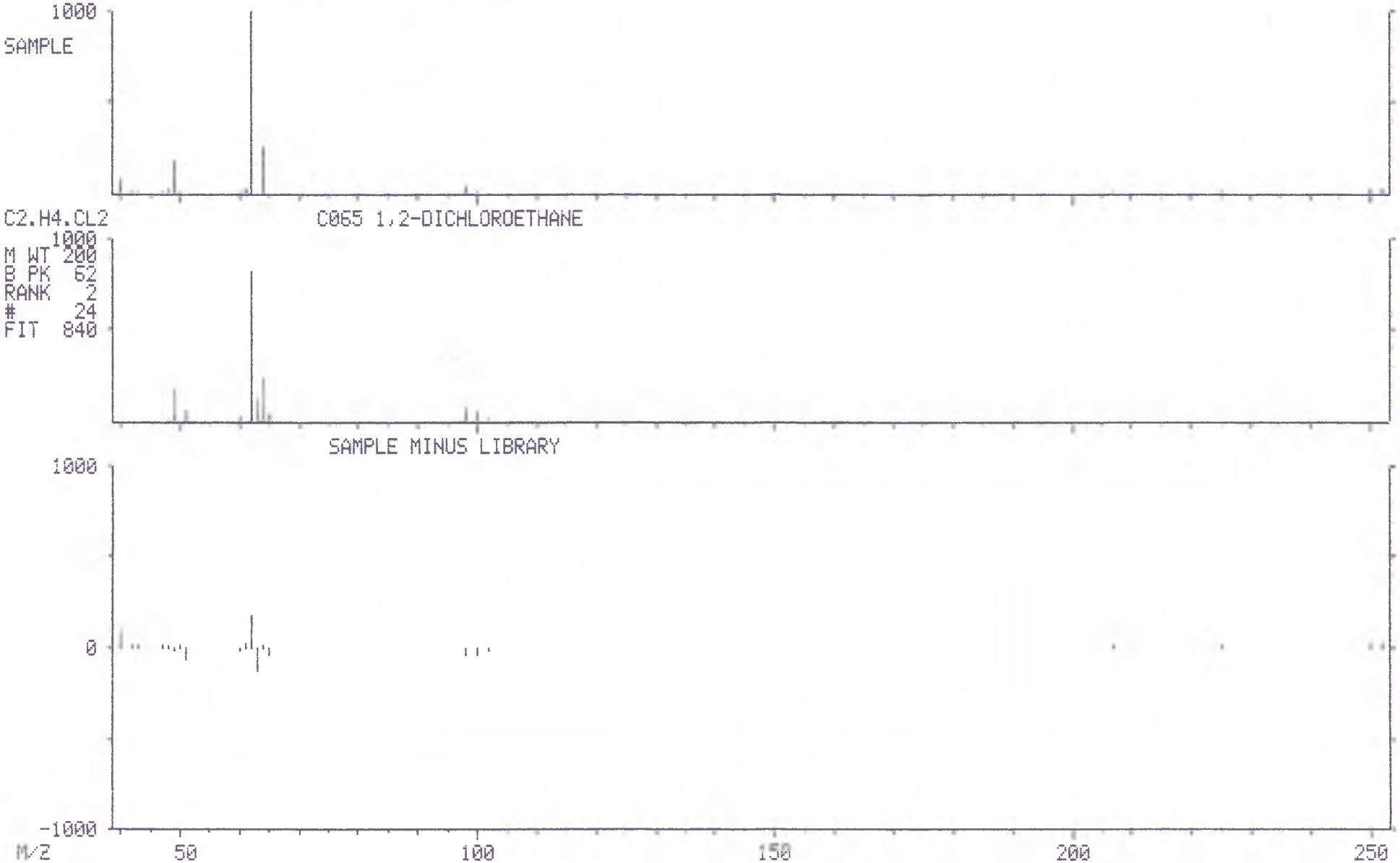
C3.H6.O C035 ACETONE



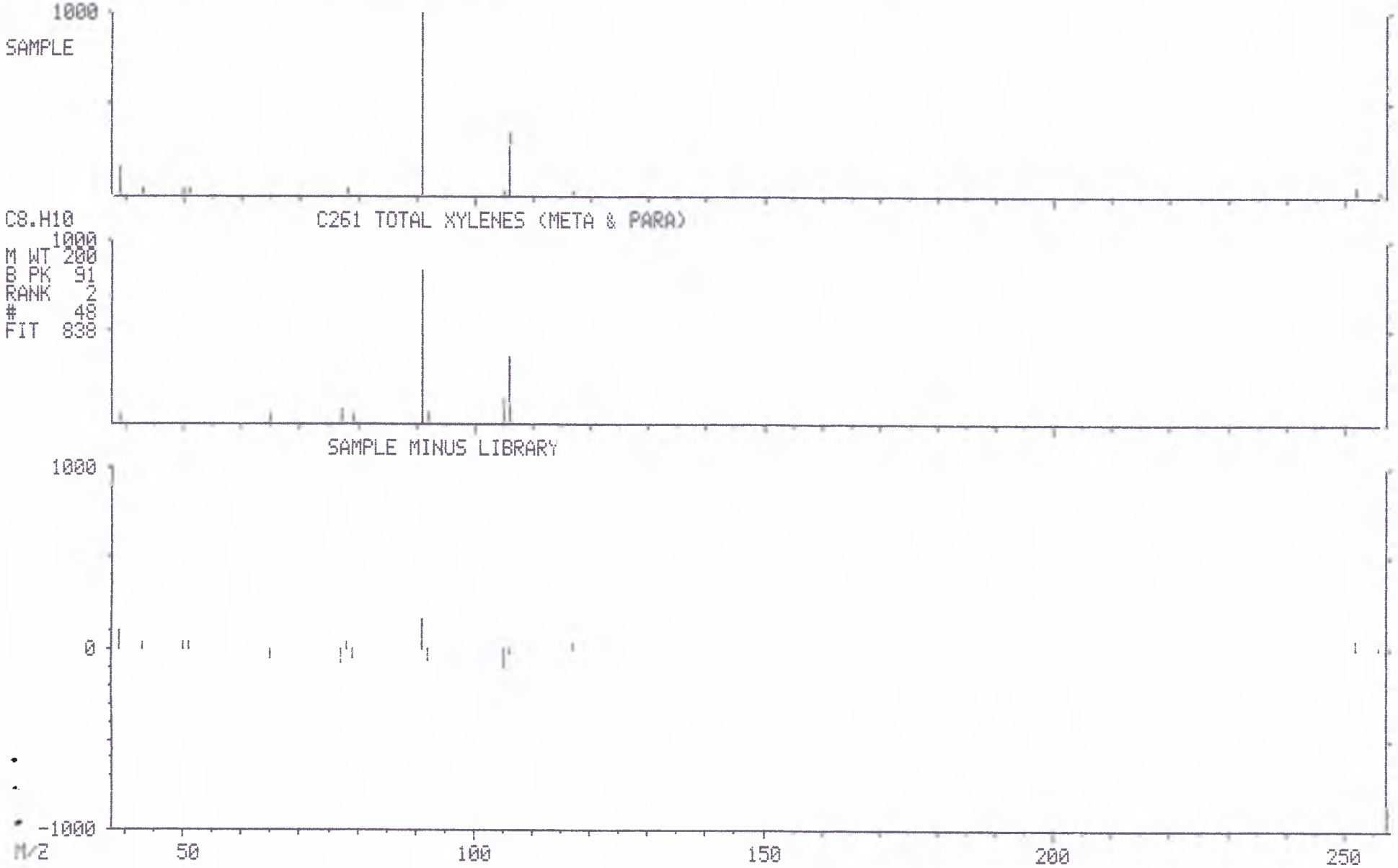
LIBRARY SEARCH DATA: A130156 # 319 BASE M/Z: 76
04/09/91 14:45:00 + 3:11 RIC: 4653.
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
316 TO # 322 SUMMED - # 312 X1.00



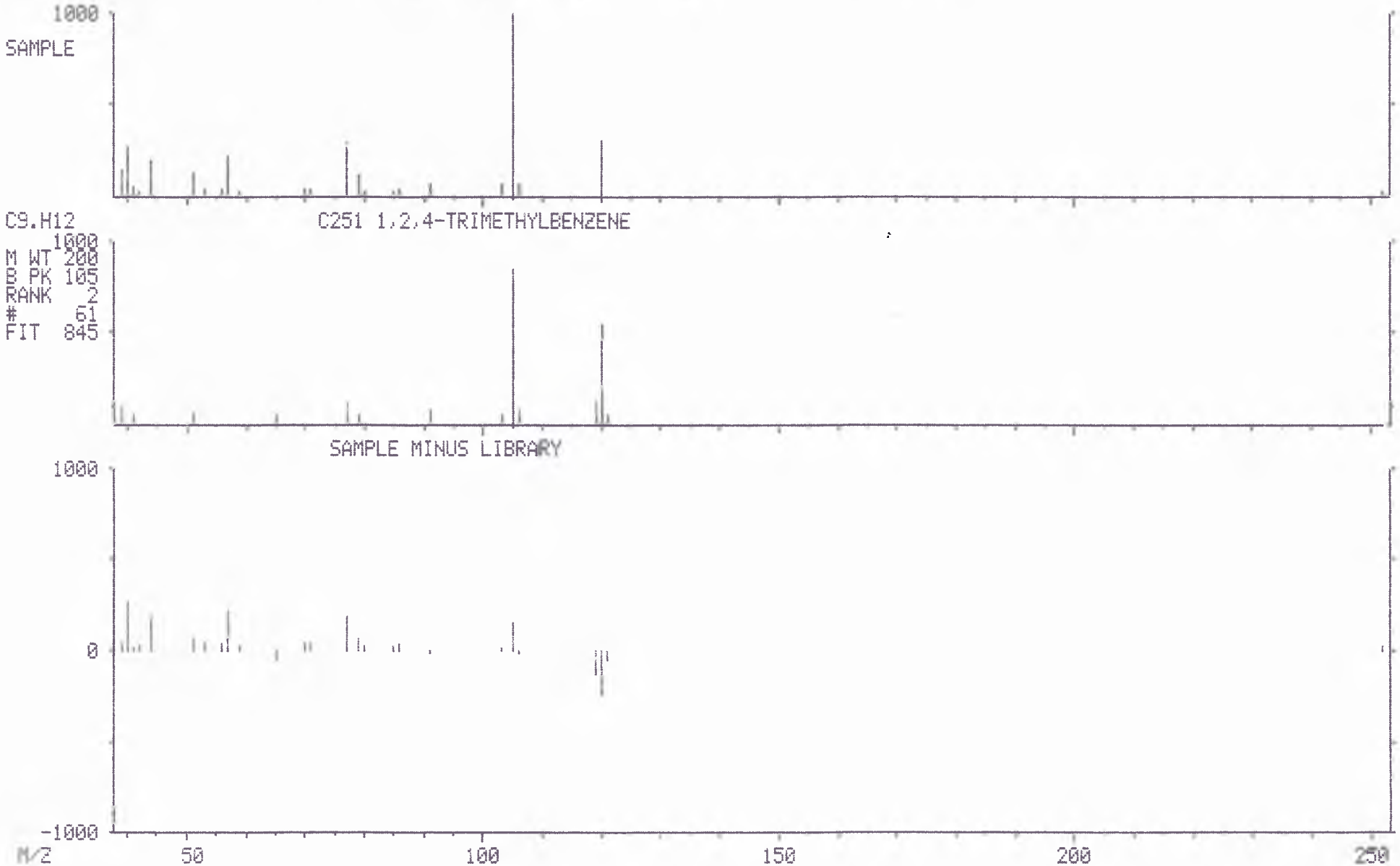
LIBRARY SEARCH DATA: A130156 # 720 BASE M/Z: 62
04/09/91 14:45:00 + 7:12 RIC: 4631.
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
716 TO # 725 SUMMED - # 713 X1.00



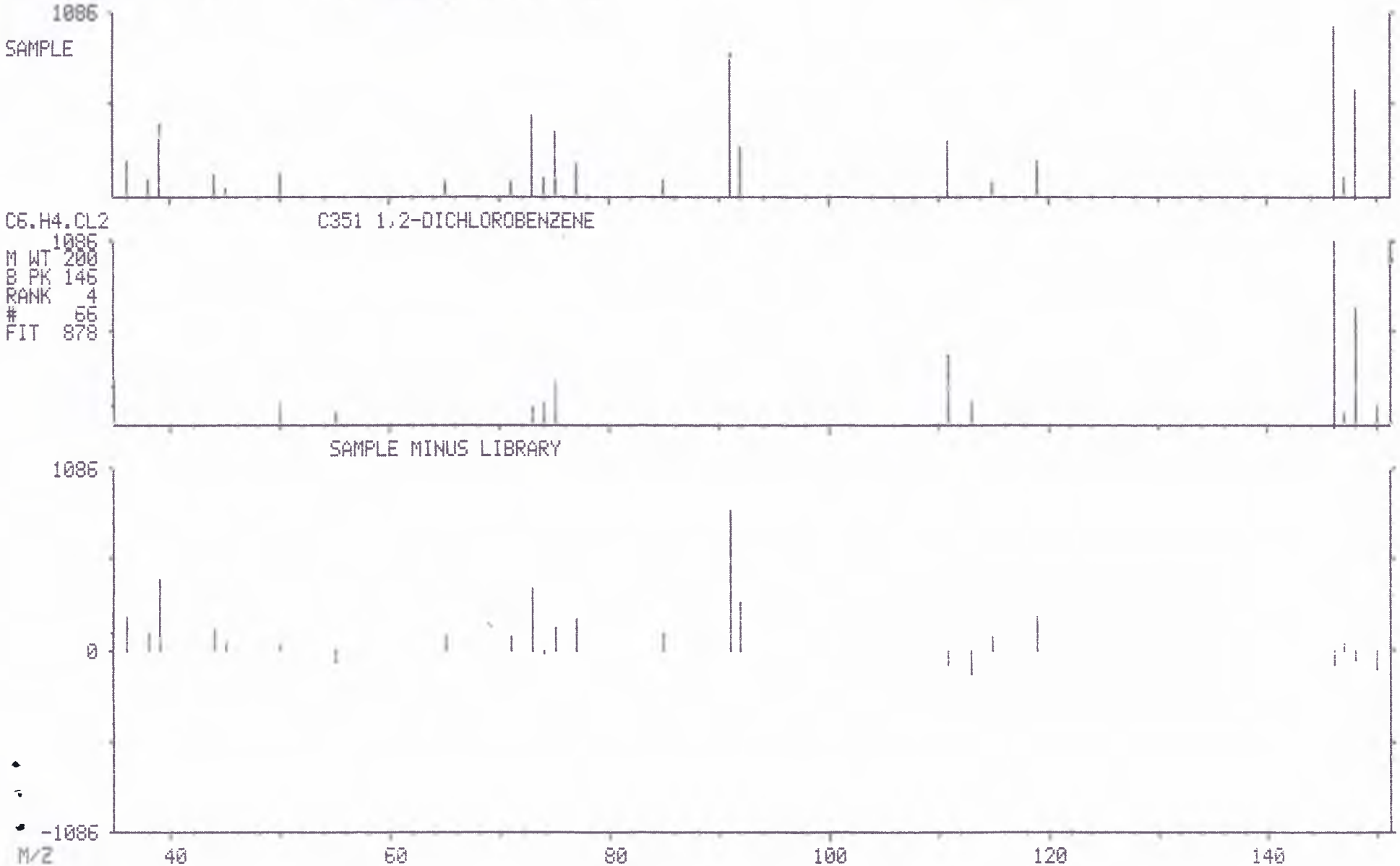
LIBRARY SEARCH DATA: A130156 #1280 BASE M/Z: 91
04/09/91 14:45:00 + 12:48 RIC: 571.
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
#1279 TO #1282 SUMMED - #1277 X1.00



LIBRARY SEARCH DATA: A130156 #1512 BASE M/Z: 105
04/09/91 14:45:00 + 15:07 RIC: 1111.
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
#1511 TO #1514 SUMMED - #1507 - #1516 X1.00



LIBRARY SEARCH DATA: A130156 #1587 BASE M/Z: 146
04/09/91 14:45:00 + 15:52 RIC: 750.
SAMPLE: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
#1587 TO #1588 SUMMED - #1584 X1.00



Quantitation Report File: TENT

Data: A130156.MI
04/09/91 14:45:00
Sample: A130156, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: - Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: SVP Acct. No.: AVW1099

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI10 1,4-DIFLUOROBENZENE (INTERNAL STANDARD)
2	CI20 CHLOROBENZENE-D5 (INTERNAL STANDARD)
3	CI30 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	TOT	781	7:49	1	1.000	M XX	198510.	100.000 NG	33.33
2	TOT	1233	12:20	2	1.000	M XX	241276.	100.000 NG	33.33
3	TOT	1548	15:29	3	1.000	M XX	250666.	100.000 NG	33.33

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	7:50	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
2	12:21	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
3	15:29	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00