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

Sample: 91130162
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/ 28
Received: 91/ 03/ 29
Comments: _____

Extracted: 91/04/10 Extractor: _____ Weight/Volume Extracted: _____
Analyzed: 91/04/10 13:52 Analyst: SVP Percent Solids: _____
Reviewed: 91/07/01 By: SVP Final Review: 7/11/91 By: JMB
IBM Report: __/__/__ By: _____

Sample Volume (ml): 10
Volume Water Aliquated (ml): —
Dilution Factor: —
Tape Identification: 9-1991-500E1
Tape File Number: 16

Standard Run: AVW1100
Std. Stock Solution #: —
Background Run: ABW1100
Calibration Run: ABF1100
Extraction Solvent: —

Initial Vol. Extraction Solv.(ml): —
Volume Extract Aliquated (ul): —
Total Volume Purged (ml): 810

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 91130162

USEPA RCRA
3057920

Sample Number
A91130162

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: 03/28/91

VOLATILE COMPOUNDS

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 04/10/91
Conc Factor: 5.000000 pH
Percent Moisture: (Not Decanted)

CAS Number		ug/L	CAS Number		ug/L
74-87-3	Chloromethane	~~0.1U~~ 1u	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
75-00-3	Chloroethane	0.1J	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	100-42-5	Styrene	1 U
67-64-1	Acetone	1 U	108-86-1	Bromobenzene	1 U
75-15-0	Carbon Disulfide	~~0.2U~~ 1u	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	0.2J	106-43-4	4-Chlorotoluene	1 U
156-60-5	Trans-1,2-Dichloroethene	1 U	1330-20-7	Total Xylenes	1 U
156-59-2	Cis-1,2-Dichloroethene	1 U	95-63-6	1,2,4-Trimethylbenzene	1 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	1 U	135-98-8	Sec-Butylbenzene	1 U
107-06-2	1,2-Dichloroethane	1.4	99-87-6	p-Isopropyltoluene	1 U
78-93-3	2-Butanone	~~21.5U~~ 1.5u	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~~	~~1 U~~
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	~~0.5U~~ 1u
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)	111
10061-01-5	cis-1,3-Dichloropropene	1 U	2747-58-2	Toluene (d8). (SS)	92
75-25-2	Bromoform	1 U	-460-00-4	p-Bromofluorobenzene. (SS)	93
591-78-6	2-Hexanone	1 U	17070-07-0	1,2-Dichloroethane-d4 (SS)	104
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
A91130162

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.

4/10/91 13:51:28 SCAN 1 OF 1900
' Acquisition started

Acquire
04/10/91 13:51:00 + 0:02
Sample: A130162, 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:A130162
Free sectors: 1281
RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
Instrument: 5100
Analyst: SVP

Acquiring
Scan: 3 of 1900
Weight: 0.000
Acct. No: AVW1100

*** GC descriptor: V1 ***

GC temperature: 5 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 7-1-91, SVP 92

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 JMB

Current instrument parameters.

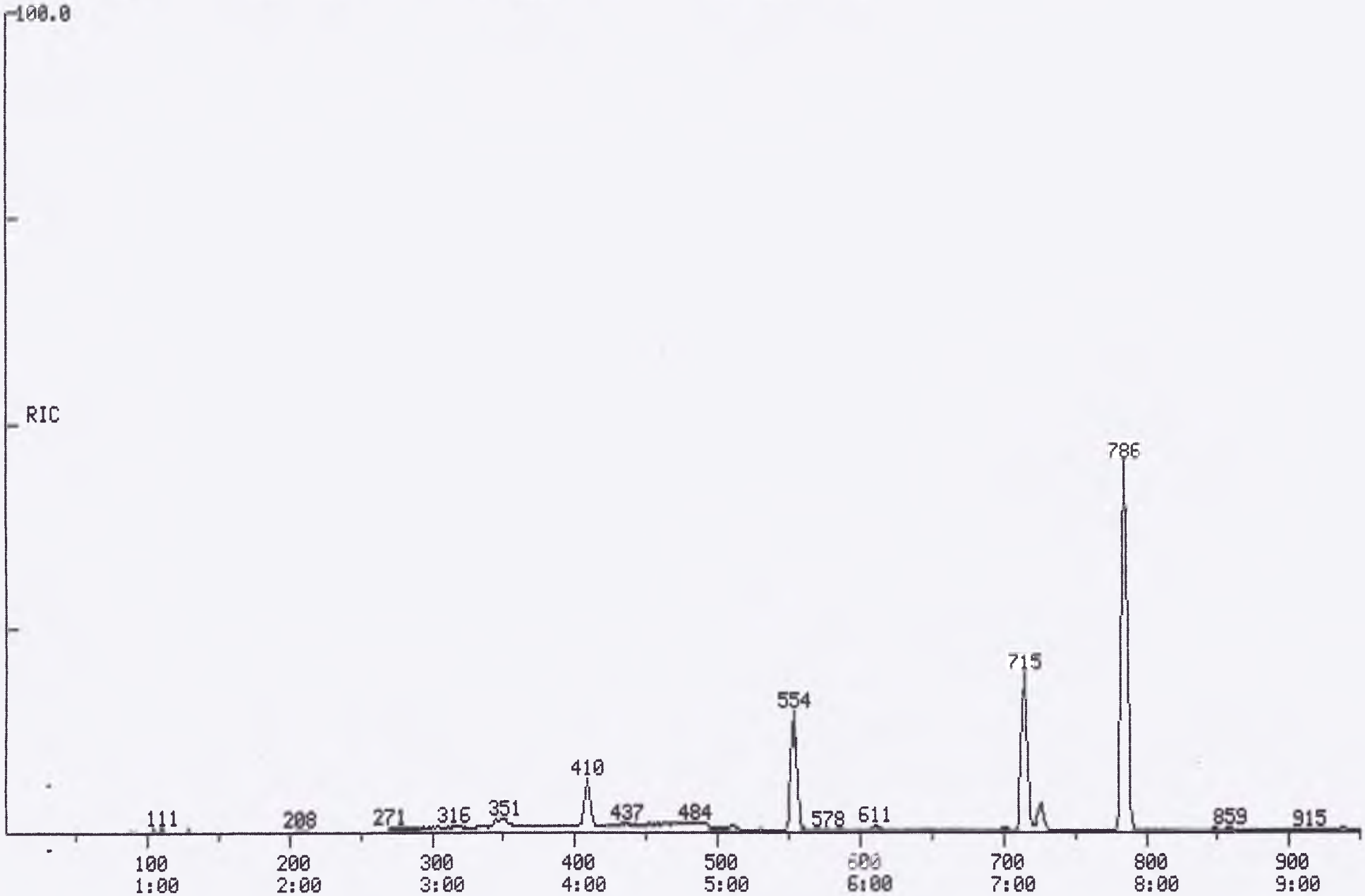
	Positive ion mode	Negative ion mode
Resolution (high)	127.00	128.00
Resolution (low)	128.00	128.00
Ion energy	4.00	-4.00
Ion programming	6.51	-4.00
Lens voltage	-40.00	50.20
Extractor voltage	0.00	not used

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

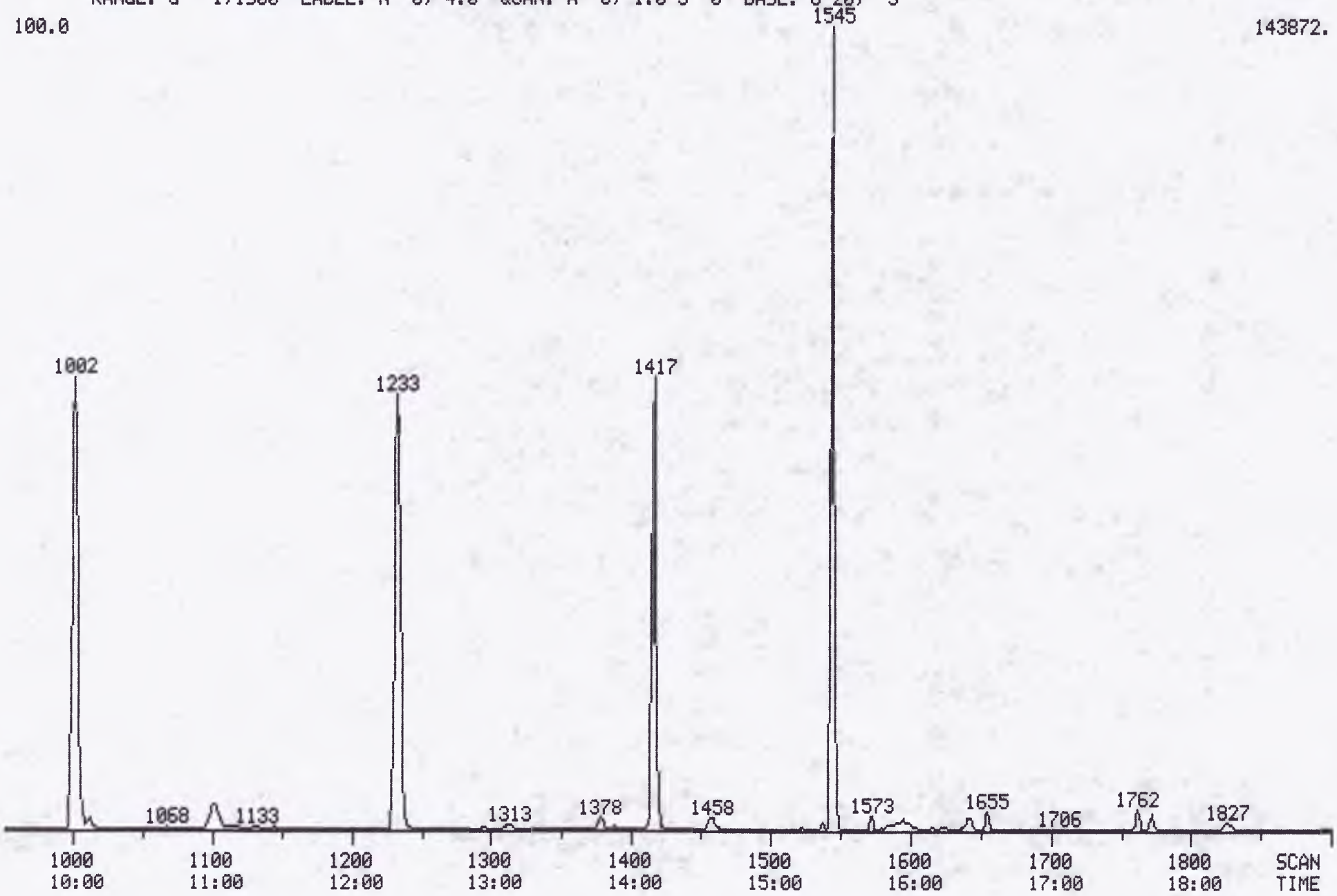
4/10/91 14:10:28
Acquisition completed
Scans 1 to 1900 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per second	
Centroid	1900	6.7	1140.0	0.6	13939.	7.	12.

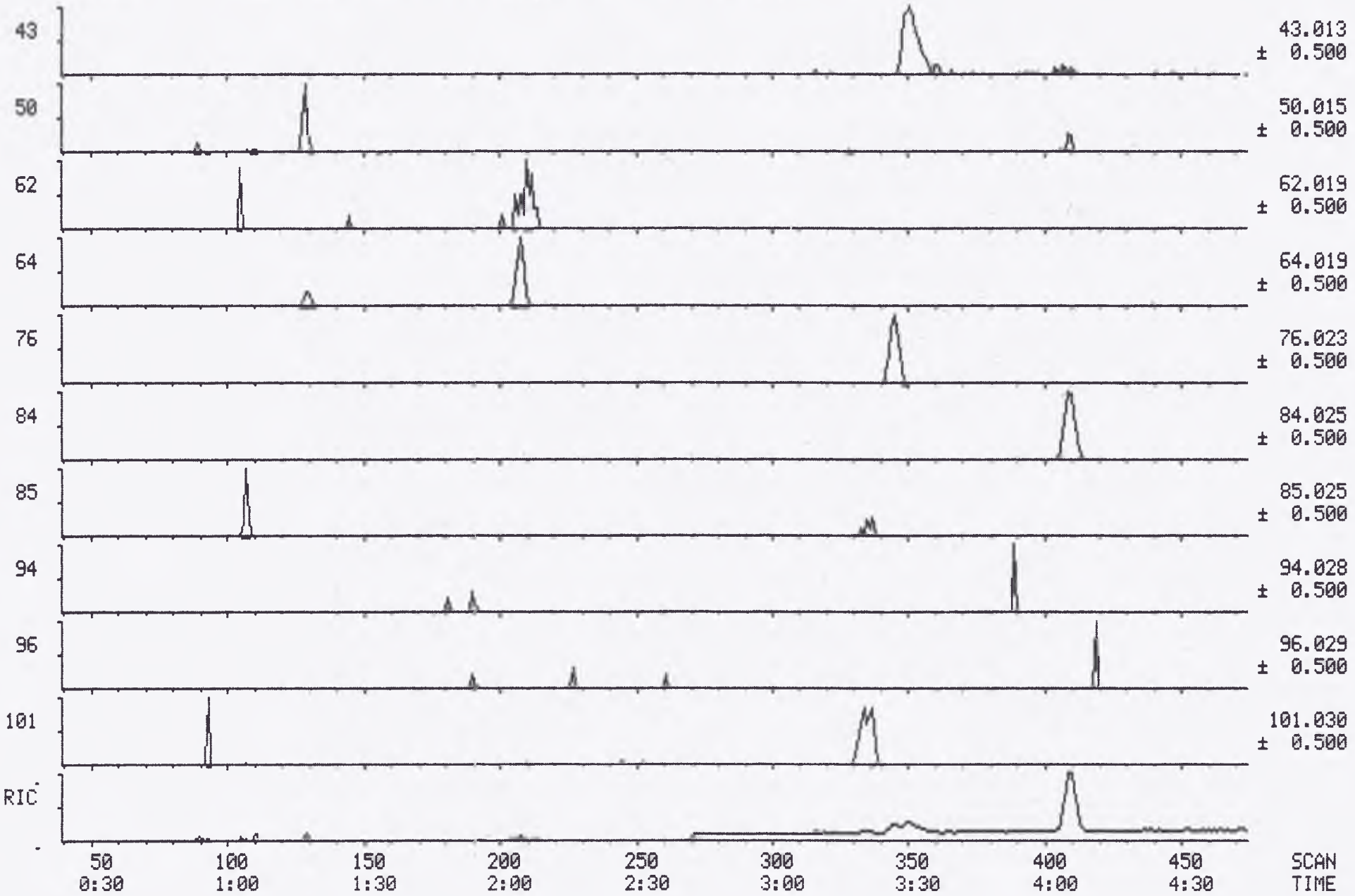
MIDRIC DATA: A130162 #1 SCANS 1 TO 951
04/10/91 13:51:00 CALI: A130162 #9 OUT OF 1 TO 1900
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



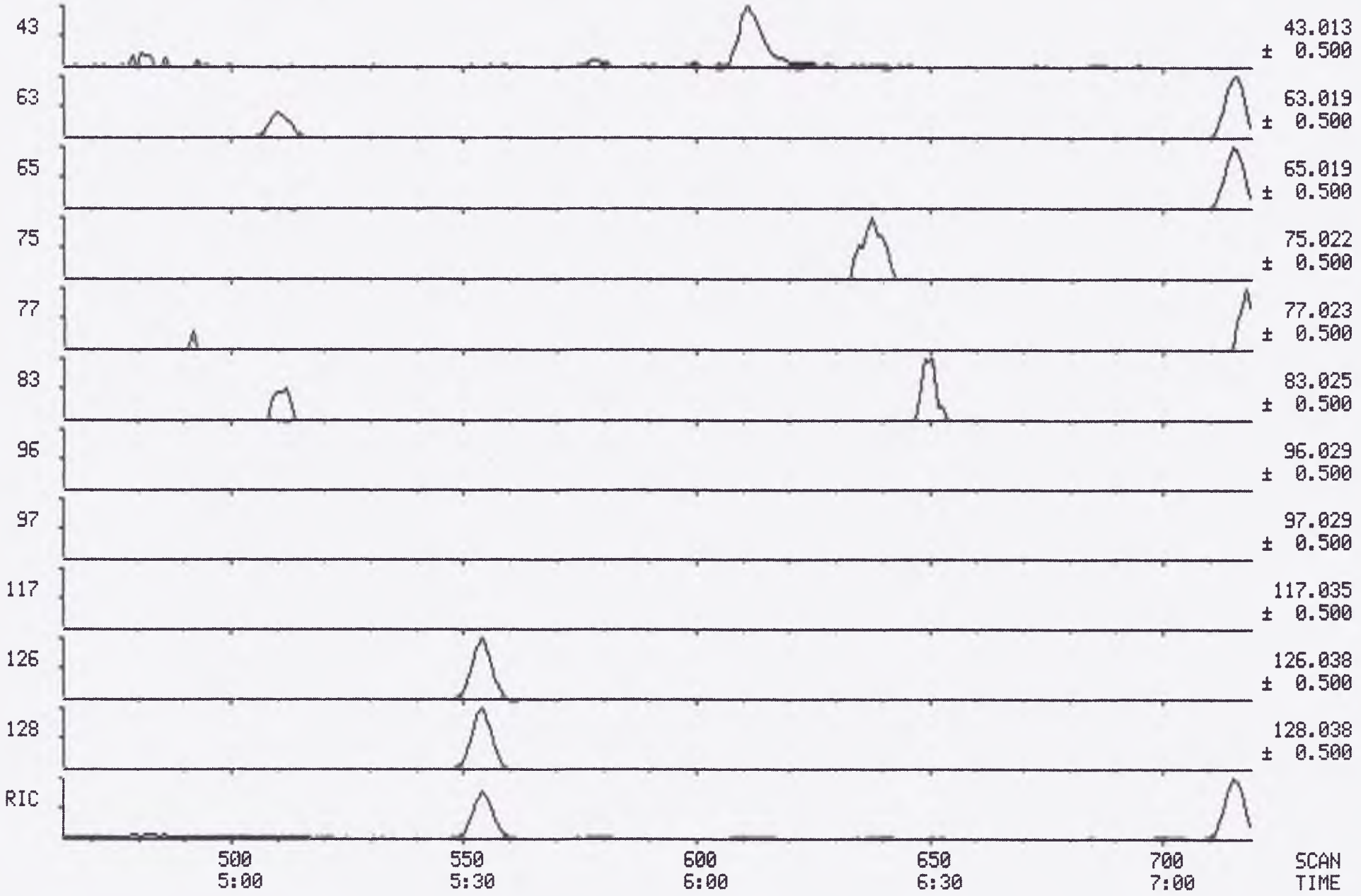
MIDRIC DATA: A130162 #1 SCANS 951 TO 1900
04/10/91 13:51:00 CALI: A130162 #9 OUT OF 1 TO 1900
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



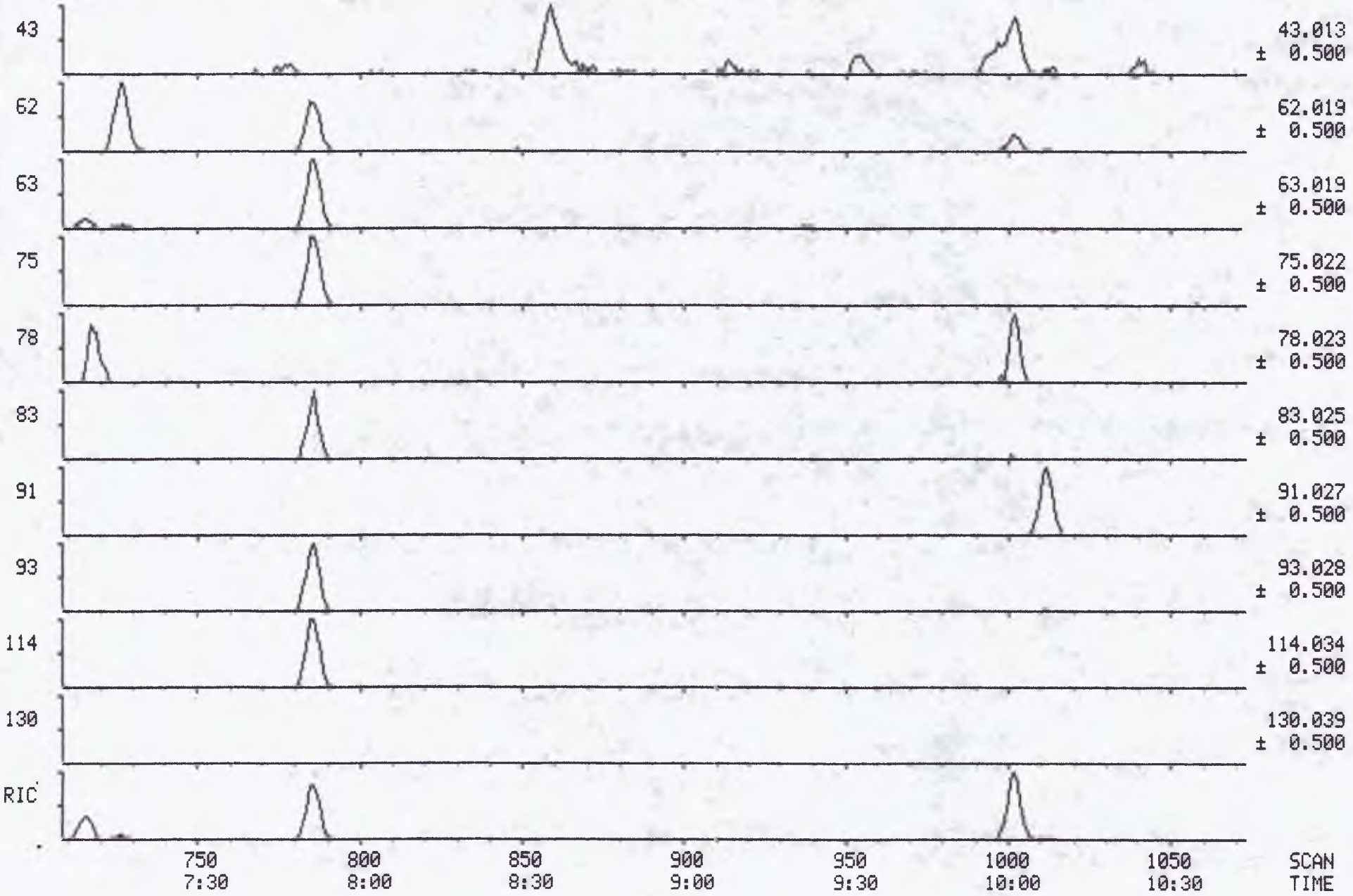
MIDRIC+MASS CHROMATOGRAMS DATA: A130162 #249 SCANS 39 TO 474
04/10/91 13:51:00 CALI: A130162 #9
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



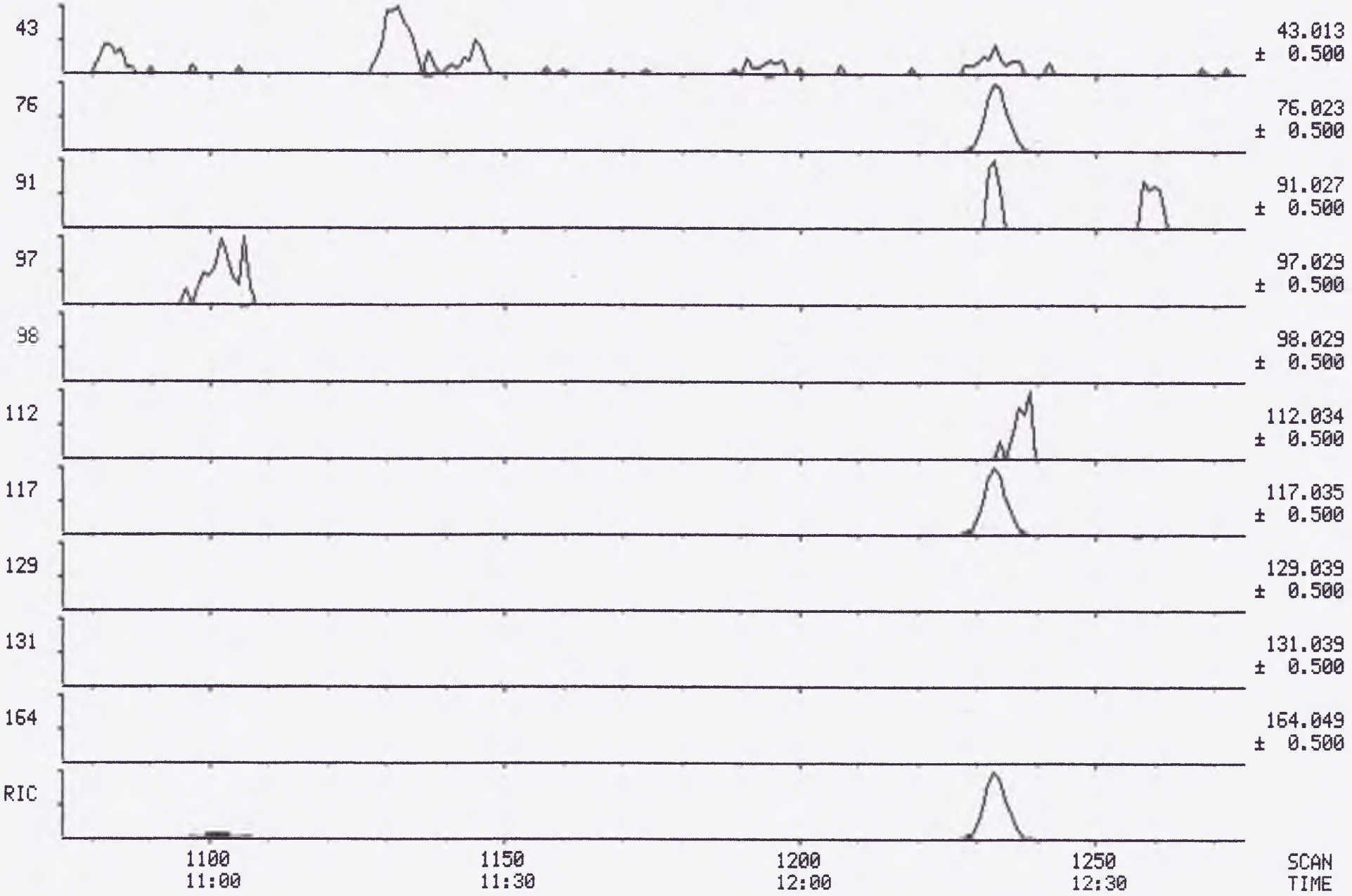
MIDRIC+MASS CHROMATOGRAMS DATA: A130162 #634 SCANS 464 TO 719
04/10/91 13:51:00 CALI: A130162 #9
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



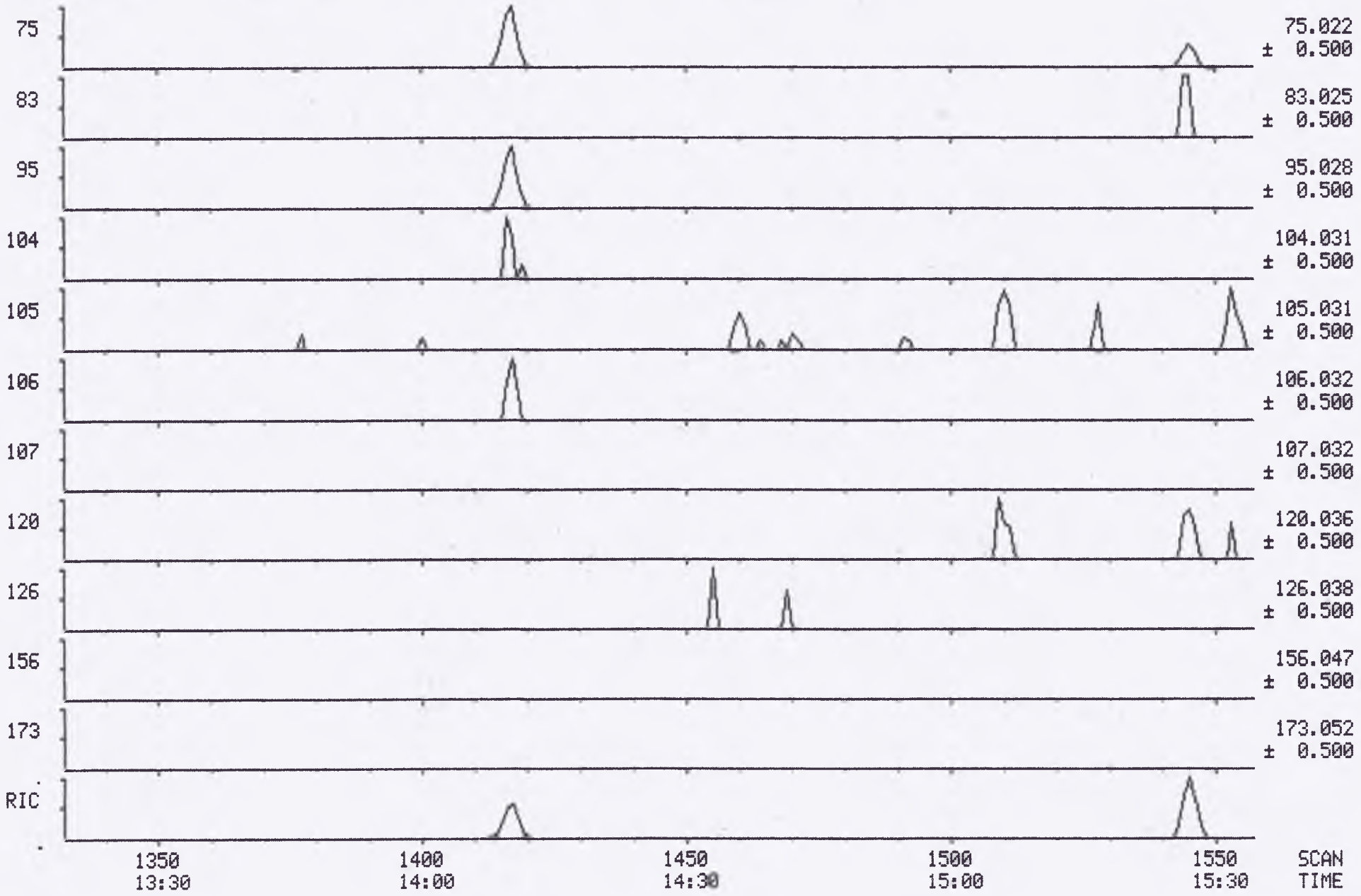
MIDRIC+MASS CHROMATOGRAMS DATA: A130162 #968 SCANS 708 TO 1073
04/10/91 13:51:00 CALI: A130162 #9
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



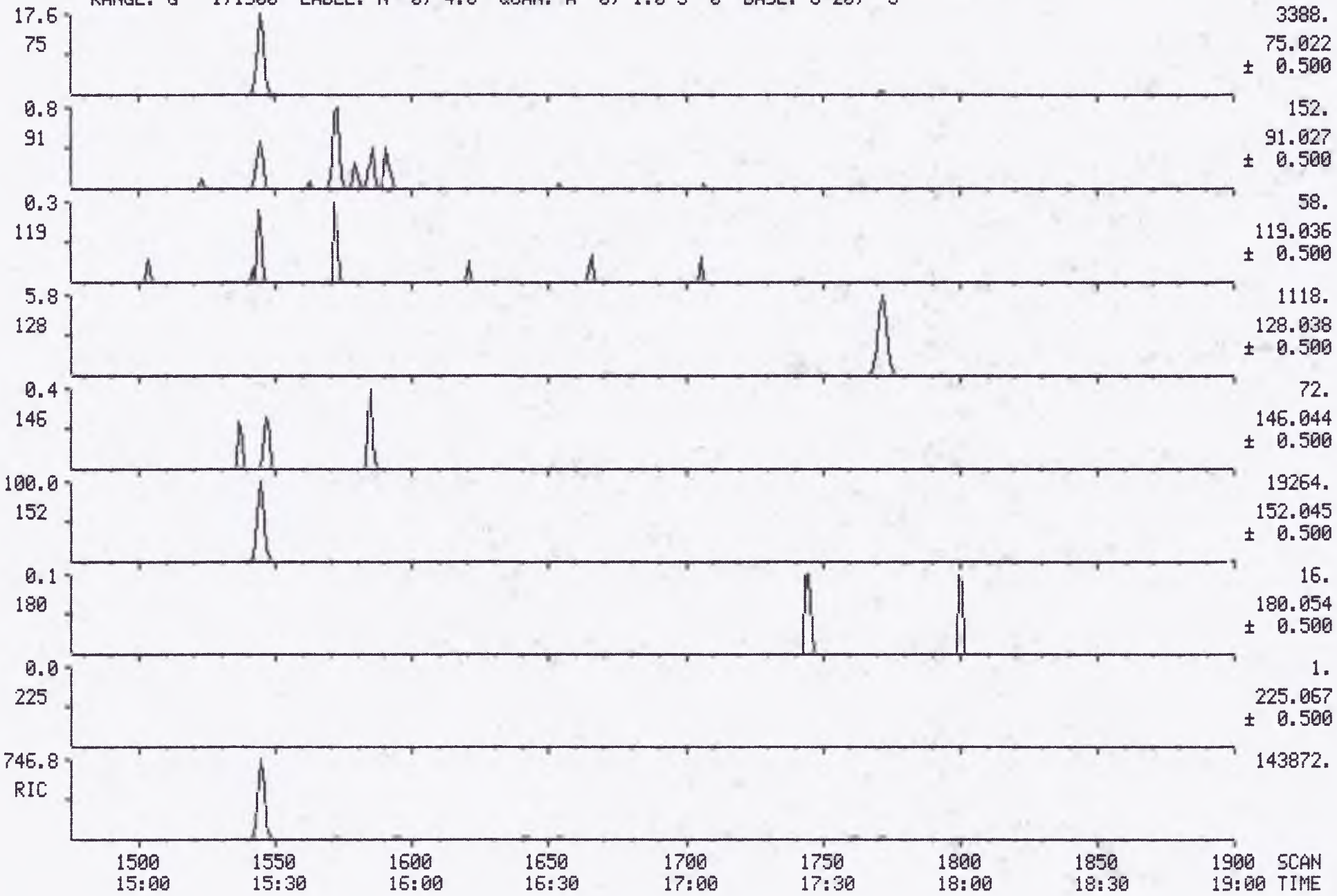
MIDRIC+MASS CHROMATOGRAMS DATA: A130162 #1145 SCANS 1075 TO 1275
04/10/91 13:51:00 CALI: A130162 #9
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



MIDRIC+MASS CHROMATOGRAMS DATA: A130162 #1472 SCANS 1332 TO 1557
04/10/91 13:51:00 CALI: A130162 #9
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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: A130162 #1750 SCANS 1475 TO 1900
04/10/91 13:51:00 CALI: A130162 #9
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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



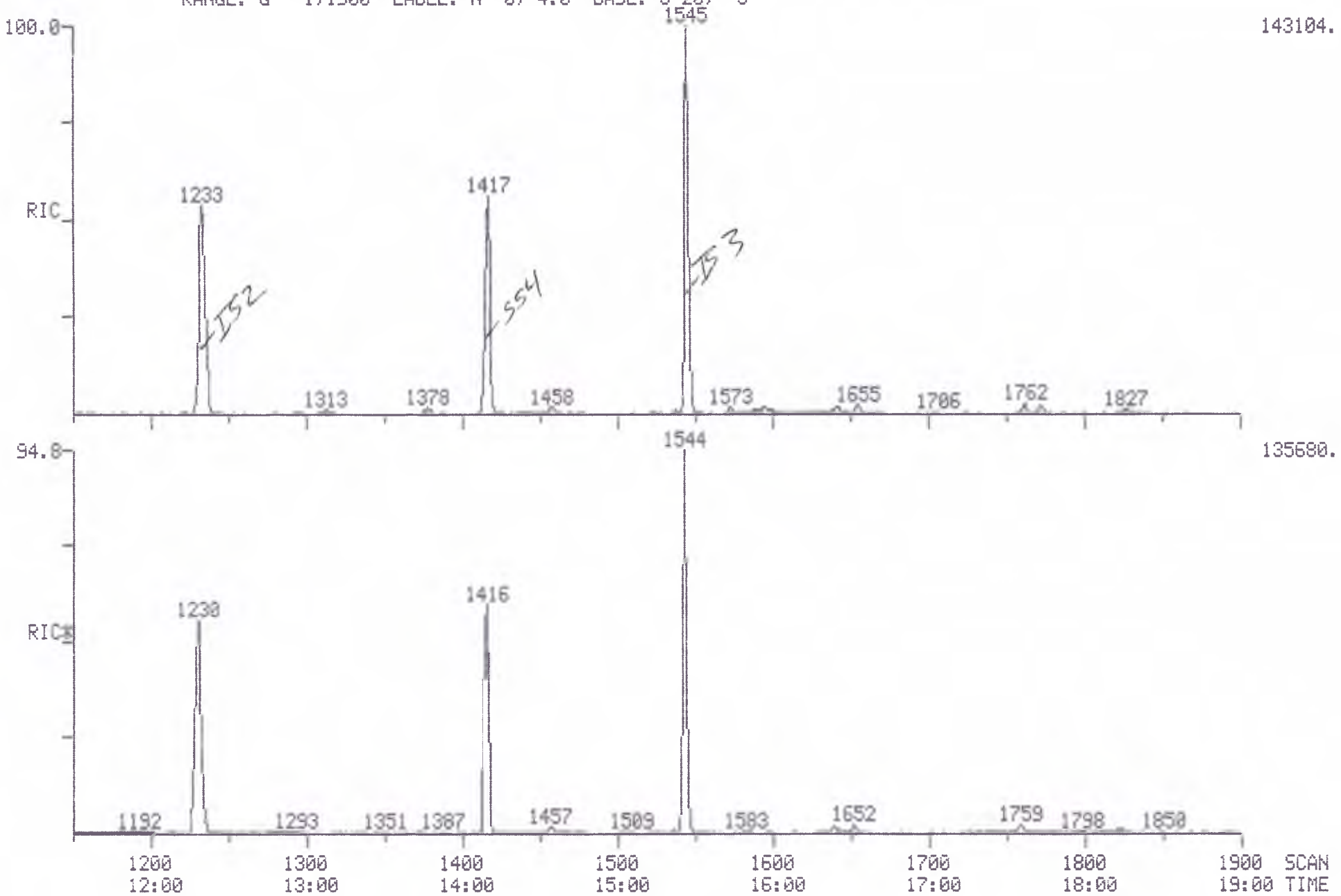
Quantitation Report File: A130162

Data: A130162.MI
04/10/91 13:51:00
Sample: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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.: AVW1100

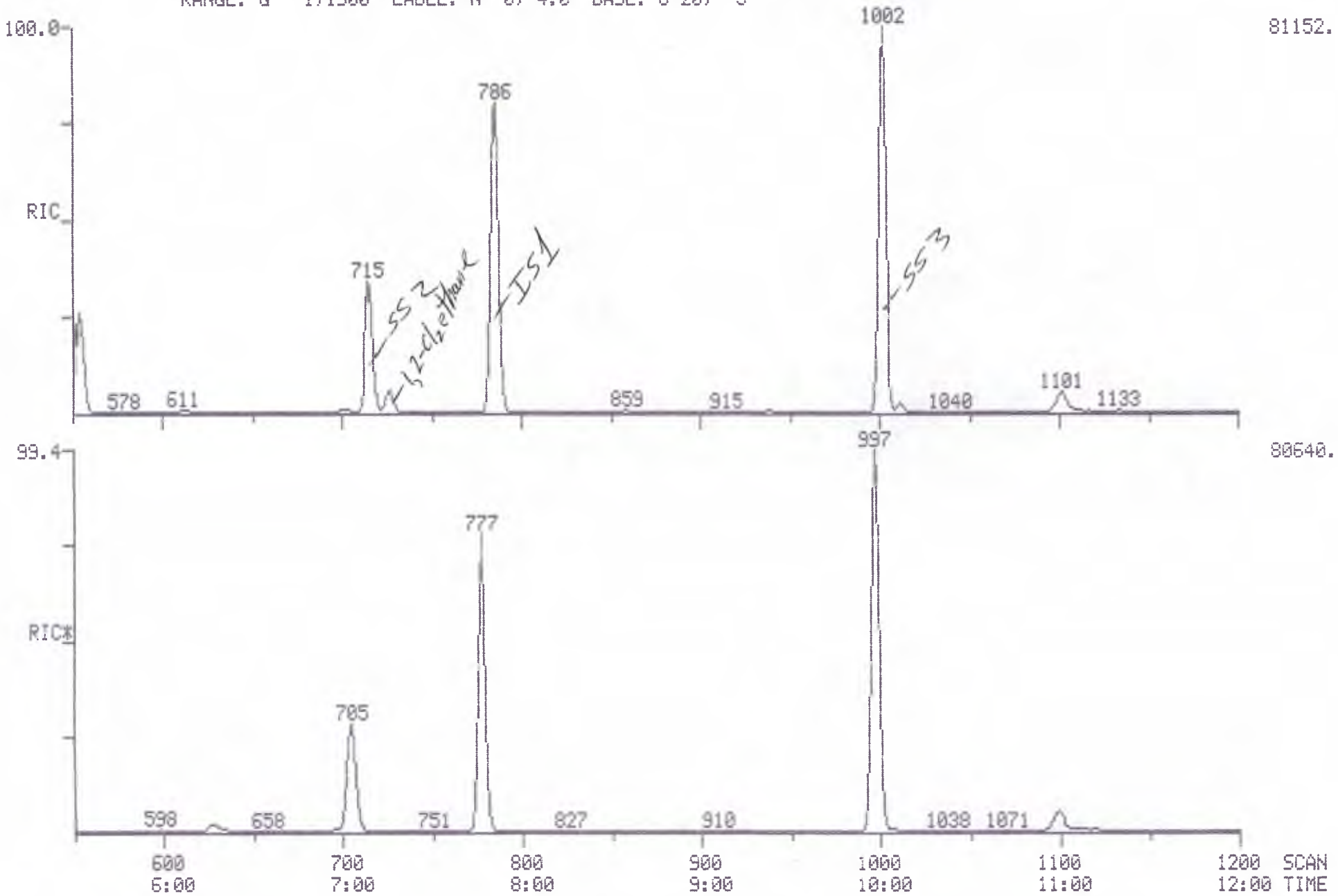
AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

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)

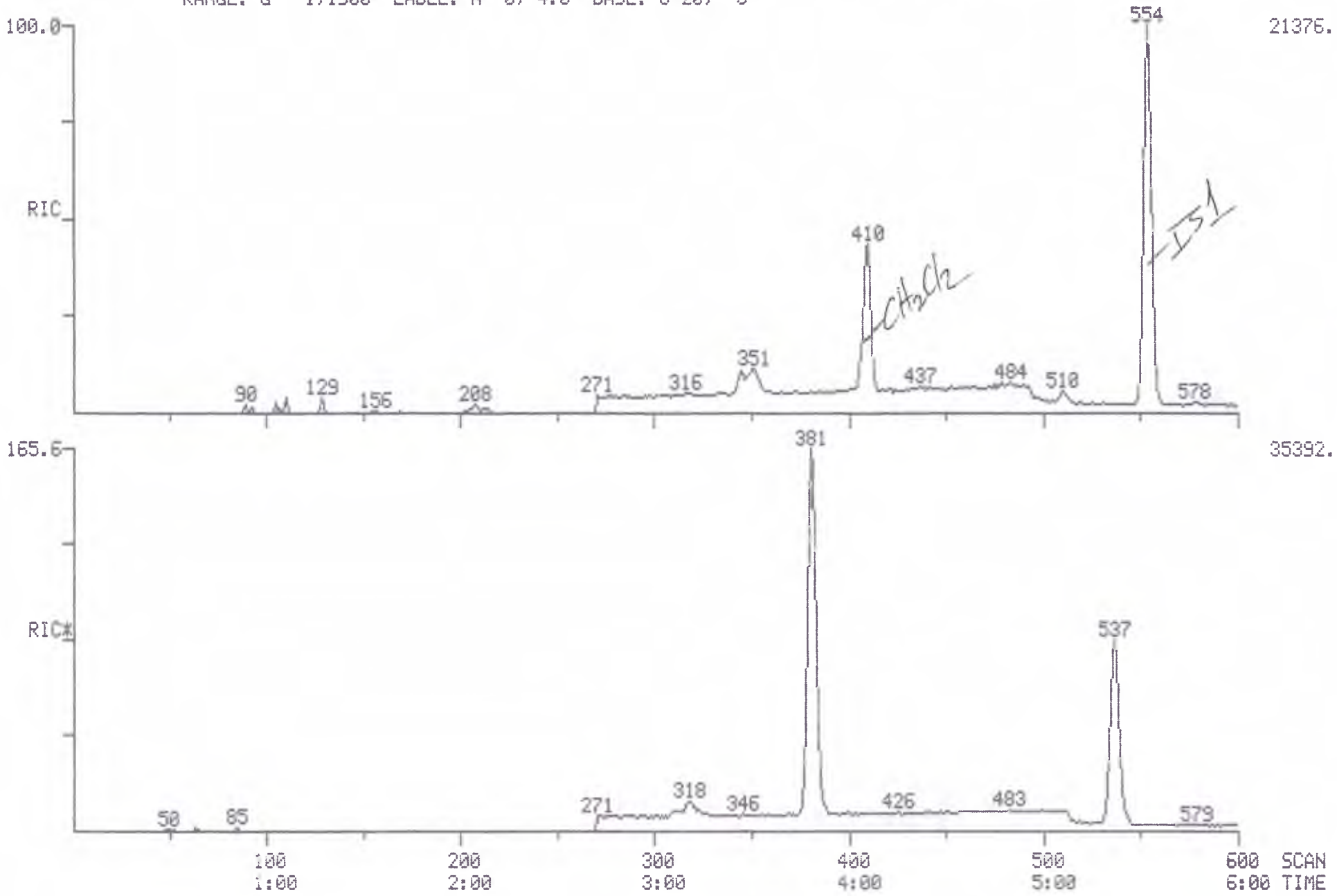
RIC DATA: A130162 #1,ABW1100
04/10/91 13:51:00 SCANS 1150 TO 1900
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 BASE: U 20, 3



RIC DATA: A130162 #1,ABW1100
04/10/91 13:51:00 SCANS 550 TO 1200
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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 DATA: A130162 #1,ABW1100
04/10/91 13:51:00 SCANS 1 TO 600
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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



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	786	7:52	1	1.000	A BB	116704.	100.000 NG	13.51
2	117	1233	12:20	2	1.000	A BB	93490.	100.000 NG	13.51
3	152	1545	15:27	3	1.000	A BB	54793.	100.000 NG	13.51
4	126	554	5:32	1	0.705	A BB	13847.	110.543 NG	14.93
5	65	715	7:09	1	0.910	A BV	47220.	104.205 NG	14.07
6	98	1002	10:01	2	0.813	A BB	127315.	92.208 NG	12.45
7	95	1417	14:10	2	1.149	A BB	59324.	92.779 NG	12.53
8	NOT FOUND								
~~9~~	~~50~~	~~129~~	~~1:17~~	~~1~~	~~0.164~~	~~A BB~~	3x>BK ~~1152.~~	~~[illegible] NG~~	~~0.20~~ u
10	NOT FOUND								
11	NOT FOUND								
12	64	208	2:05	1	0.265	A BB	610.	1.397 NG	0.19 J
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
~~17~~	~~76~~	~~345~~	~~3:27~~	~~1~~	~~0.43[illegible]~~	2x>BK ~~[illegible]~~	~~[illegible]~~	~~[illegible]255 NG~~	~~0.30~~ u
18	NOT FOUND								
19	63	510	5:06	1	0.649	A BB	2026.	1.806 NG	0.24 J
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	62	727	7:16	1	0.925	A BB	8980.	13.650 NG	1.84
~~25~~	~~43~~	~~611~~	~~6:07~~	~~1~~	~~0.777~~	~~M XX~~	~~3134~~	~~14.9[illegible] NG~~	~~2.02~~ 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	NOT FOUND								
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	NOT FOUND								
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	7:53	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
4	5:35	0.99	0.708	1.00	110.54	100.00	0.119	0.107	1.11
5	7:11	1.00	0.911	1.00	104.21	100.00	0.405	0.388	1.04
6	10:02	1.00	0.813	1.00	92.21	100.00	1.362	1.477	0.92
7	14:11	1.00	1.149	1.00	92.78	100.00	0.635	0.684	0.93
8	1:04		0.135						
9	1:17	1.01	0.162	1.01	1.46	115.00	0.009	0.677	0.01
10	1:26		0.183						
11	1:54		0.241						
12	2:05	1.00	0.265	1.00	1.40	105.00	0.005	0.374	0.01
13	2:29		0.316						
14	3:17		0.418						
15	3:34		0.452						
16	4:07		0.523						
17	3:29	0.99	0.442	0.99	2.26	100.00	0.030	1.348	0.02
18	4:31		0.572						
19	5:08	0.99	0.652	0.99	1.81	100.00	0.017	0.961	0.02
20	5:58		0.756						
21	6:01		0.763						
22	6:20		0.805						
23	6:32		0.829						
24	7:18	1.00	0.926	1.00	13.65	100.00	0.077	0.564	0.14
25	6:08	1.00	0.779	1.00	14.95	100.00	0.027	0.180	0.15
26	6:40		0.539						
27	6:53		0.558						
28	6:55		0.560						
29	7:13		0.584						
30	8:12		0.664						
31	8:31		0.690						
32	8:43		0.705						
33	9:00		0.729						
34	9:41		0.784						
35	10:35		0.857						
36	9:59		0.808						
37	10:08		0.821						
38	10:52		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	12:34		1.018						
46	12:37		1.022						
47	12:49		1.038						
48	13:29		1.091						
49	13:31		1.095						
50	11:34		0.937						

Quantitation Report File: A130162

Data: A130162.MI
04/10/91 13:51:00
Sample: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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.: AVW1100

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	NOT FOUND								
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	128	1772	17:43	3	1.147	A BB	6x > BK 4092	5.256 NG	3.71 J
71	NOT FOUND								

Nd	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		0.942						
57	14:43		0.950						
58	14:43		0.951						
59	15:04		0.974						
60	15:08		0.977						
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	17:30		1.130						
69	17:41		1.143						
70	17:47	1.00	1.149	1.00	5.28	100.00	0.075	1.416	0.05
71	18:04		1.167						

Quantitation Report File: A130162

Data: A130162.TI
04/10/91 13:51:00
Sample: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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.: AVW1100

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	786	7:52	1	1.000	A BB	116704.	100.000 NG	12.80	
2	126	554	5:32	1	0.705	A BB	13841.	110.589 NG	14.15	
3	65	715	7:09	1	0.910	A BV	47220.	104.186 NG	13.33	
4	85	107	1:04	1	0.136	A BB	~~263.~~	~~0.219 NG~~	~~0.03~~	VZ,8
5	50	129	1:17	1	0.164	A BB	1152.	1.457 NG	0.19	u
6	NOT FOUND									
7	NOT FOUND									
8	64	208	2:05	1	0.265	A BB	610.	1.397 NG	0.18	J
9	NOT FOUND									
10	NOT FOUND									
11	43	351	3:31	1	0.447	A BB	~~6532.~~	~~27.777 NG~~	~~3.55~~	VZ,15
12	84	409	4:05	1	0.520	A BB	~~6998.~~	~~10.827 NG~~	~~1.39~~	VZ,16
13	76	345	3:27	1	0.439	A BB	3548.	2.255 NG	0.29	u
14	NOT FOUND									
15	63	510	5:06	1	0.649	A BB	2026.	1.806 NG	0.23	J
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	83	651	6:31	1	0.828	A BB	~~180.~~	~~0.190 NG~~	~~0.02~~	VZ,23
20	62	727	7:16	1	0.925	A BB	8980.	13.644 NG	1.75	
21	43	611	6:07	1	0.777	A BB	2743.	11.701 NG	1.50	u
22	117	1233	12:20	22	1.000	A BB	93490.	100.000 NG	12.80	
23	98	1002	10:01	22	0.813	A BB	127315.	92.108 NG	11.79	
24	95	1417	14:10	22	1.149	A BB	59324.	92.792 NG	11.87	
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	78	717	7:10	22	0.582	A BB	~~636.~~	~~0.296 NG~~	~~0.04~~	VZ,30
29	NOT FOUND									
30	63	849	8:29	22	0.689	A BB	~~194.~~	~~0.285 NG~~	~~0.04~~	VZ,32
31	NOT FOUND									
32	NOT FOUND									
33	75	966	9:40	22	0.783	A BB	~~40.~~	~~0.050 NG~~	~~0.01~~	VZ,35
34	75	1058	10:35	22	0.858	A BB	~~142.~~	~~0.229 NG~~	~~0.03~~	VZ,34
35	NOT FOUND									
36	91	1012	10:07	22	0.821	A BB	~~2687.~~	~~1.313 NG~~	~~0.17~~	VZ,38
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	43	1132	11:19	22	0.918	A BB	~~718.~~	~~2.091 NG~~	~~0.27~~	VZ,42
41	NOT FOUND									
42	NOT FOUND									
43	112	1239	12:23	22	1.005	A BB	~~102.~~	~~0.096 NG~~	~~0.01~~	VZ,45
44	NOT FOUND									
45	91	1258	12:35	22	1.020	A BB	~~104.~~	~~0.046 NG~~	~~0.01~~	VZ,47
46	106	1281	12:49	22	1.039	A BB	~~36.~~	~~0.055 NG~~	~~0.01~~	VZ,48
47	NOT FOUND									
48	NOT FOUND									
49	NOT FOUND									
50	152	1545	15:27	50	1.000	A BB	54796.	100.000 NG	12.80	

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	7:53	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
2	5:35	0.99	0.708	1.00	110.59	100.00	0.119	0.107	1.11
3	7:11	1.00	0.911	1.00	104.19	100.00	0.405	0.388	1.04
4	1:04	1.01	0.135	1.01	0.22	100.00	0.002	1.031	0.00
5	1:17	1.01	0.162	1.01	1.46	115.00	0.009	0.677	0.01
6	1:26		0.183						
7	1:54		0.241						
8	2:05	1.00	0.265	1.00	1.40	105.00	0.005	0.374	0.01
9	2:29		0.316						
10	3:17		0.418						
11	3:34	0.99	0.452	0.99	27.78	100.00	0.056	0.202	0.28
12	4:07	0.99	0.523	1.00	10.83	100.00	0.060	0.554	0.11
13	3:29	0.99	0.442	0.99	2.26	100.00	0.030	1.348	0.02
14	4:31		0.572						
15	5:08	0.99	0.652	0.99	1.81	100.00	0.017	0.961	0.02
16	5:58		0.756						
17	6:01		0.763						
18	6:20		0.805						
19	6:32	1.00	0.829	1.00	0.19	100.00	0.002	0.814	0.00
20	7:18	1.00	0.926	1.00	13.64	100.00	0.077	0.564	0.14
21	6:08	1.00	0.779	1.00	11.72	100.00	0.024	0.201	0.12
22	12:21	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
23	10:02	1.00	0.813	1.00	92.11	100.00	1.362	1.478	0.92
24	14:11	1.00	1.149	1.00	92.79	100.00	0.635	0.684	0.93
25	6:40		0.539						
26	6:53		0.558						
27	6:55		0.560						
28	7:13	0.99	0.584	1.00	0.30	100.00	0.007	2.299	0.00
29	8:12		0.664						
30	8:31	1.00	0.690	1.00	0.28	100.00	0.002	0.729	0.00
31	8:43		0.705						
32	9:00		0.729						
33	9:41	1.00	0.784	1.00	0.05	100.00	0.000	0.854	0.00
34	10:35	1.00	0.857	1.00	0.23	100.00	0.002	0.664	0.00
35	9:59		0.808						
36	10:08	1.00	0.821	1.00	1.31	100.00	0.029	2.189	0.01
37	10:52		0.879						
38	10:59		0.889						
39	11:05		0.898						
40	11:19	1.00	0.917	1.00	2.09	100.00	0.008	0.367	0.02
41	11:27		0.927						
42	14:26		1.169						
43	12:24	1.00	1.004	1.00	0.10	100.00	0.001	1.131	0.00
44	12:34		1.018						
45	12:37	1.00	1.022	1.00	0.05	100.00	0.001	2.393	0.00
46	12:49	1.00	1.038	1.00	0.05	200.00	0.000	0.706	0.00
47	13:29		1.091						
48	13:31		1.095						
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: A130162

Data: A130162.TI
04/10/91 13:51:00
Sample: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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.: AVW1100

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~~	105	1470	14:42	50	0.951	A BB	~~26.~~	~~0.017 NG~~	~~0.00~~	VZ,59
~~59~~	119	1504	15:02	50	0.973	A BB	~~28.~~	~~0.020 NG~~	~~0.00~~	VZ,60
~~60~~	105	1510	15:06	50	0.977	A BB	~~160.~~	~~0.107 NG~~	~~0.01~~	VZ,61
~~61~~	105	1528	15:17	50	0.989	A BB	~~74.~~	~~0.037 NG~~	~~0.00~~	VZ,62
~~62~~	146	1537	15:22	50	0.995	A BB	~~70.~~	~~0.091 NG~~	~~0.01~~	VZ,63
~~63~~	119	1544	15:26	50	0.999	A BB	~~96.~~	~~0.059 NG~~	~~0.01~~	VZ,64
~~64~~	146	1547	15:28	50	1.001	A BB	~~108.~~	~~0.131 NG~~	~~0.02~~	VZ,65
~~65~~	146	1585	15:51	50	1.026	A BB	~~142.~~	~~0.194 NG~~	~~0.02~~	VZ,66
~~66~~	91	1586	15:52	50	1.027	A BB	~~160.~~	~~0.077 NG~~	~~0.01~~	VZ,67
67	NOT FOUND									
~~68~~	180	1745	17:27	50	1.129	A BB	42.	~~0.080 NG~~	~~0.01~~	VZ,69
69	NOT FOUND									
70	128	1772	17:43	50	1.147	A BB	4092.	5.275 NG	0.67	J
~~71~~	180	1800	18:00	50	1.165	A BB	~~30.~~	~~0.070 NG~~	~~0.01~~	VZ,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		0.905						
53	14:20		0.926						
54	14:27		0.933						
55	14:31		0.937						
56	14:35		0.942						
57	14:43		0.950						
58	14:43	1.00	0.951	1.00	0.02	100.00	0.000	2.821	0.00
59	15:04	1.00	0.974	1.00	0.02	100.00	0.001	2.617	0.00
60	15:08	1.00	0.977	1.00	0.11	100.00	0.003	2.731	0.00
61	15:19	1.00	0.989	1.00	0.04	100.00	0.001	3.689	0.00
62	15:25	1.00	0.995	1.00	0.09	100.00	0.001	1.407	0.00
63	15:28	1.00	0.999	1.00	0.06	100.00	0.002	2.970	0.00
64	15:30	1.00	1.001	1.00	0.13	100.00	0.002	1.500	0.00
65	15:53	1.00	1.026	1.00	0.19	100.00	0.003	1.334	0.00
66	15:53	1.00	1.026	1.00	0.08	100.00	0.003	3.787	0.00
67	16:41		1.078						
68	17:30	1.00	1.130	1.00	0.08	100.00	0.001	0.960	0.00
69	17:41		1.143						
70	17:47	1.00	1.149	1.00	5.27	100.00	0.075	1.416	0.05
71	18:04	1.00	1.167	1.00	0.07	100.00	0.001	0.781	0.00

PROCEDURE: TCA DIAGNOSTIC REPORT 4/10/91 16:33:04
DATA FILE: A130162
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	143	XZ1/ZZ1
1	1	1	0	8	5	1	170	XZ1/ZZ2
1	1	1	0	7	3	1	53	XZ1/ZZ3
1	1	1	0	8	3	1	0	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	2	1	0	XZ3/ZZ10

71 COMPOUNDS PROCESSED, 17 FOUND

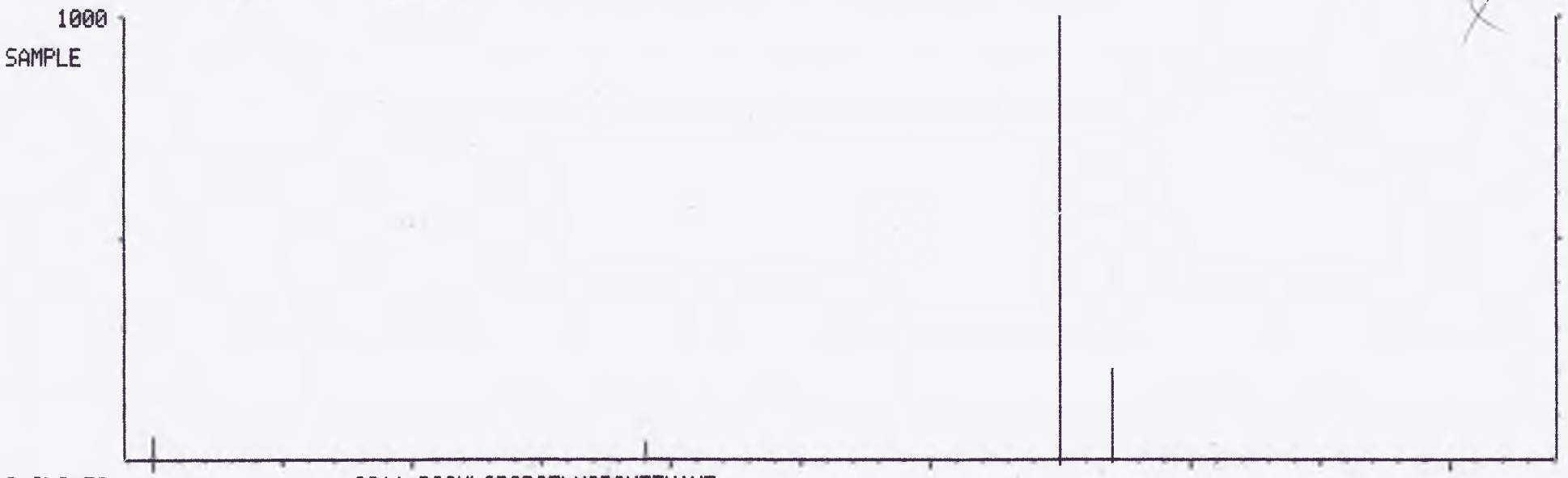
< COMPOUND ><				---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >									
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VZ	1	-788	786	786	.	1	991	.	114	786	.	1
2	VZ	4	-558	556	554	-2	1	995	.	126	554	.	1
3	VZ	5	-718	715	715	.	1	973	.	65	715	.	1
4	VZ	8	-106	107	107	.	1	868	.	85	107	.	1
5	VZ	9	-128	129	129	.	1	999	.	50	129	.	1
6	VZ	10	-144	144	.	.	.	.	.	62	.	.	.
7	VZ	11	-190	190	.	.	.	.	.	94	.	.	.
8	VZ	12	-209	209	207	.	.	.	.	64	208	.	1
9	VZ	13	-249	245	.	.	.	.	.	101	.	.	.
10	VZ	14	-329	325	.	.	.	.	.	96	.	.	.
11	VZ	15	-356	352	350	-2	1	989	.	43	351	1	1
12	VZ	16	-412	408	410	2	1	971	.	84	409	-1	1
13	VZ	17	-348	344	345	1	1	871	.	76	345	.	1
14	VZ	18	-451	447	.	.	.	.	.	96	.	.	.
15	VZ	19	-514	511	510	-1	1	888	.	63	510	.	1
16	VZ	20	-596	593	.	.	.	.	.	77	.	.	.
17	VZ	21	-601	598	.	.	.	.	.	96	.	.	.
18	VZ	22	-634	631	.	.	.	.	.	128	.	.	.
19	VZ	23	-653	650	.	.	.	.	.	83	651	.	1
20	VZ	24	-730	727	727	.	1	962	.	62	727	.	1
21	VZ	26	-614	611	611	.	1	948	.	43	611	.	1
22	VZ	2	-1235	1233	1233	.	1	960	.	117	1233	.	1
23	VZ	6	-1004	1002	1002	.	1	981	.	98	1002	.	1
24	VZ	7	-1419	1417	1417	.	1	988	.	95	1417	.	1
25	VZ	27	-666	664	.	.	.	.	.	97	.	.	.
26	VZ	28	-689	687	.	.	.	.	.	117	.	.	.
27	VZ	29	-692	690	.	.	.	.	.	75	.	.	.
28	VZ	30	-721	719	.	.	.	.	.	78	717	.	1
29	VZ	31	-820	818	.	.	.	.	.	130	.	.	.
30	VZ	32	-852	850	.	.	.	.	.	63	849	.	1
31	VZ	33	-871	869	.	.	.	.	.	93	.	.	.
32	VZ	34	-900	898	.	.	.	.	.	83	.	.	.
33	VZ	35	-968	966	.	.	.	.	.	75	966	.	1
34	VZ	36	-1059	1057	.	.	.	.	.	75	1058	.	1
35	VZ	37	-998	996	.	.	.	.	.	43	.	.	.
36	VZ	38	-1014	1012	1012	.	1	980	.	91	1012	.	1
37	VZ	39	-1086	1084	.	.	.	.	.	97	.	.	.
38	VZ	40	-1098	1096	.	.	.	.	.	164	.	.	.
39	VZ	41	-1109	1107	.	.	.	.	.	76	.	.	.
40	VZ	42	-1132	1130	.	.	.	.	.	43	1132	.	1
41	VZ	43	-1145	1143	.	.	.	.	.	129	.	.	.
42	VZ	44	-1444	1442					.	83	.	.	.

44	VZ	46	-1257	1255	.	.	.	.	.	131	.	.	.
45	VZ	47	-1262	1260	.	.	.	.	.	91	1258	.	1
46	VZ	48	-1282	1280	.	.	.	.	.	106	1281	.	1
47	VZ	49	-1348	1346	.	.	.	.	.	106	.	.	.
48	VZ	50	-1352	1350	.	.	.	.	.	104	.	.	.
49	VZ	51	-1157	1155	.	.	.	.	.	107	.	.	.
50	VZ	3	-1548	1545	1545	.	1	948	.	152	1545	.	1
51	VZ	52	-1376	1373	.	.	.	.	.	173	.	.	.
52	VZ	53	-1401	1398	.	.	.	.	.	105	.	.	.
53	VZ	54	-1433	1430	.	.	.	.	.	156	.	.	.
54	VZ	55	-1445	1442	.	.	.	.	.	75	.	.	.
55	VZ	56	-1451	1448	.	.	.	.	.	120	.	.	.
56	VZ	57	-1458	1455	.	.	.	.	.	126	.	.	.
57	VZ	58	-1471	1468	.	.	.	.	.	126	.	.	.
58	VZ	59	-1472	1469	.	.	.	.	.	105	1470	.	1
59	VZ	60	-1507	1504	.	.	.	.	.	119	1504	.	1
60	VZ	61	-1513	1510	.	.	.	.	.	105	1510	.	1
61	VZ	62	-1531	1528	.	.	.	.	.	105	1528	.	1
62	VZ	63	-1541	1538	.	.	.	.	.	146	1537	.	1
63	VZ	64	-1547	1544	.	.	.	.	.	119	1544	.	1
64	VZ	65	-1550	1547	.	.	.	.	.	146	1547	.	1
65	VZ	66	-1588	1584	.	.	.	.	.	146	1585	.	1
66	VZ	67	-1589	1585	.	.	.	.	.	91	1586	.	1
67	VZ	68	-1669	1664	.	.	.	.	.	75	.	.	.
68	VZ	69	-1750	1744	.	.	.	.	.	180	1745	.	1
69	VZ	70	-1769	1763	.	.	.	.	.	225	.	.	.
70	VZ	71	-1778	1772	1772	.	1	993	.	128	1772	.	1
71	VZ	72	-1807	1801	.	.	.	.	.	180	1800	.	1

MID LIBRARY SEARCH
04/10/91 13:51:00 + 1:04
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

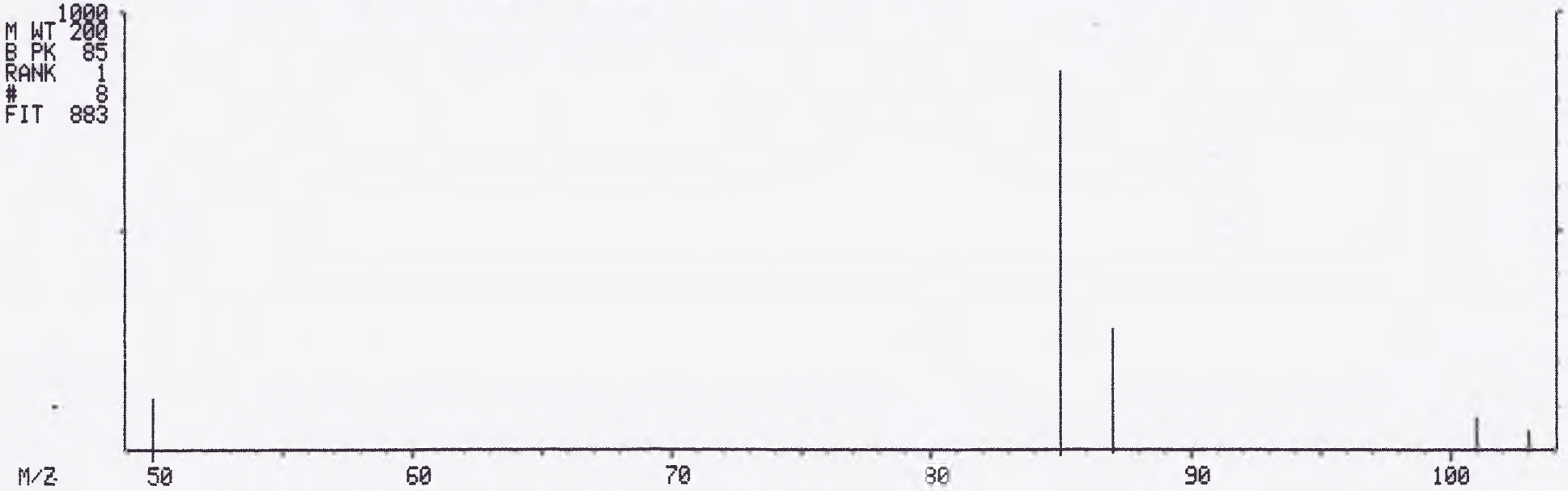
DATA: A130162 # 107
CALI: A130162 # 9

BASE M/Z: 85
RIC: 143.



C.CL2.F2 C011 DICHLORODIFLUOROMETHANE

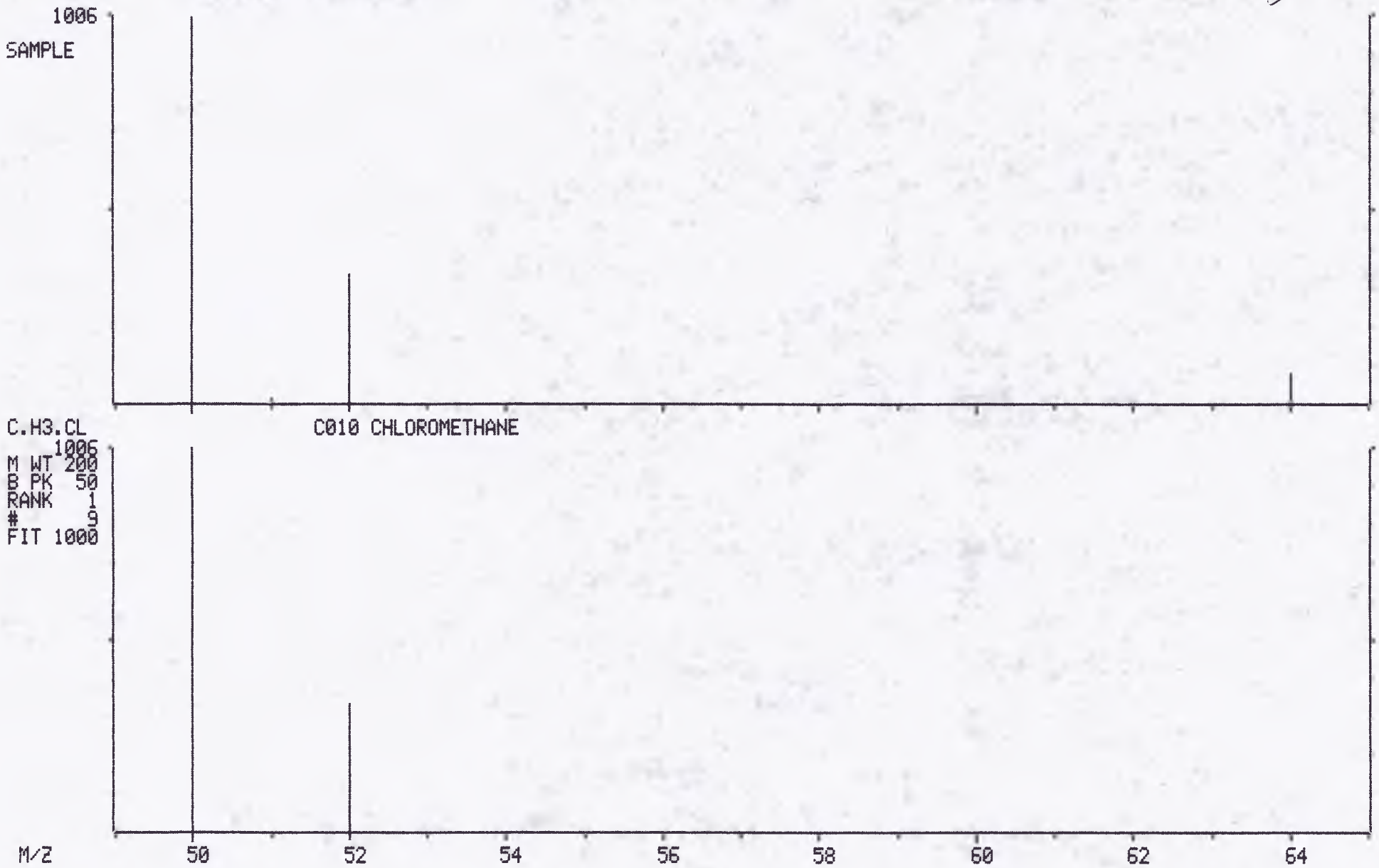
M WT 200
B PK 85
RANK 1
8
FIT 883



MID LIBRARY SEARCH
04/10/91 13:51:00 + 1:17
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 129
CALI: A130162 # 9

BASE M/Z: 50
RIC: 681.

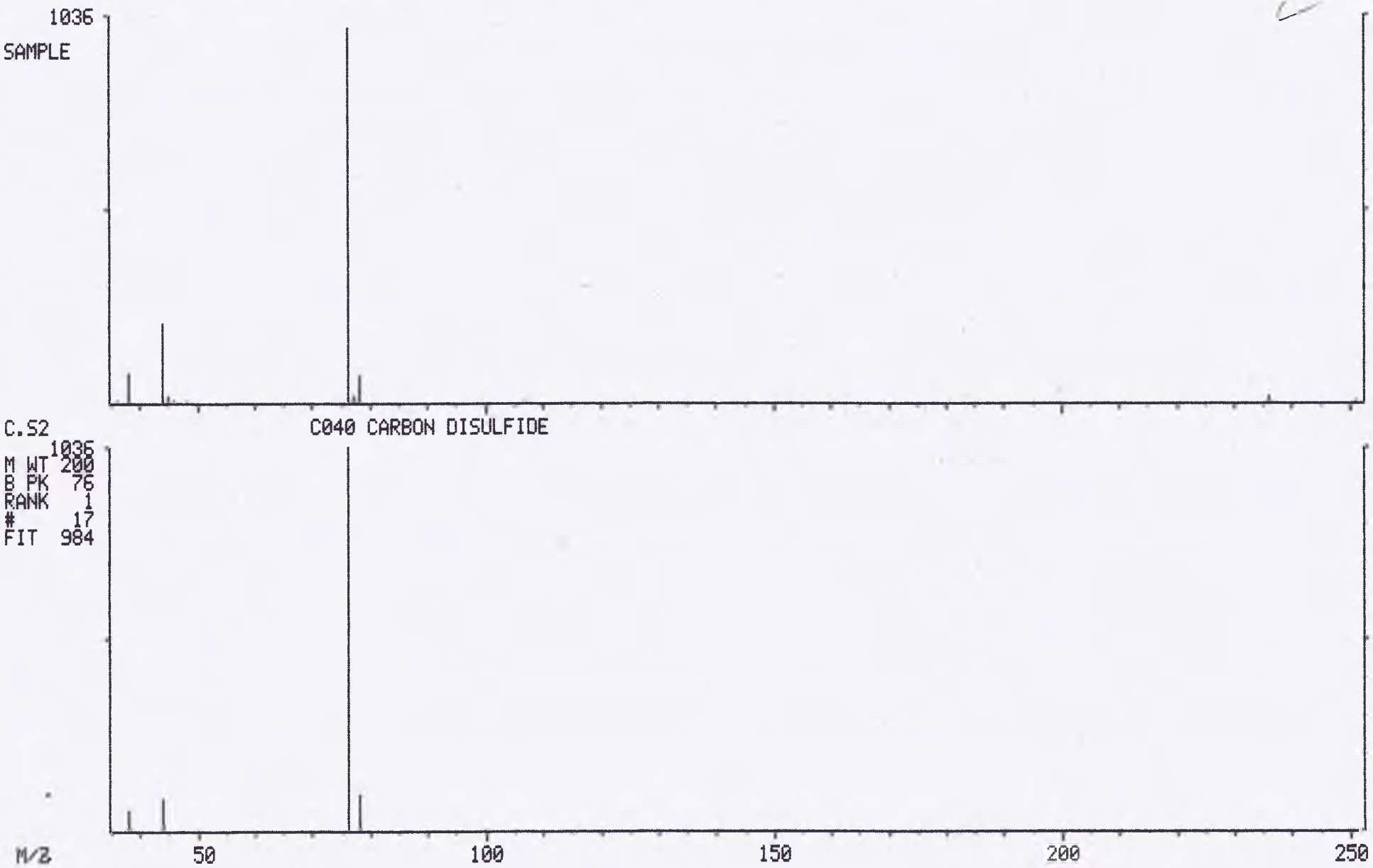


MID LIBRARY SEARCH
04/10/91 13:51:00 + 3:27

DATA: A130162 # 345
CALI: A130162 # 9

BASE M/Z: 76
RIC: 1309.

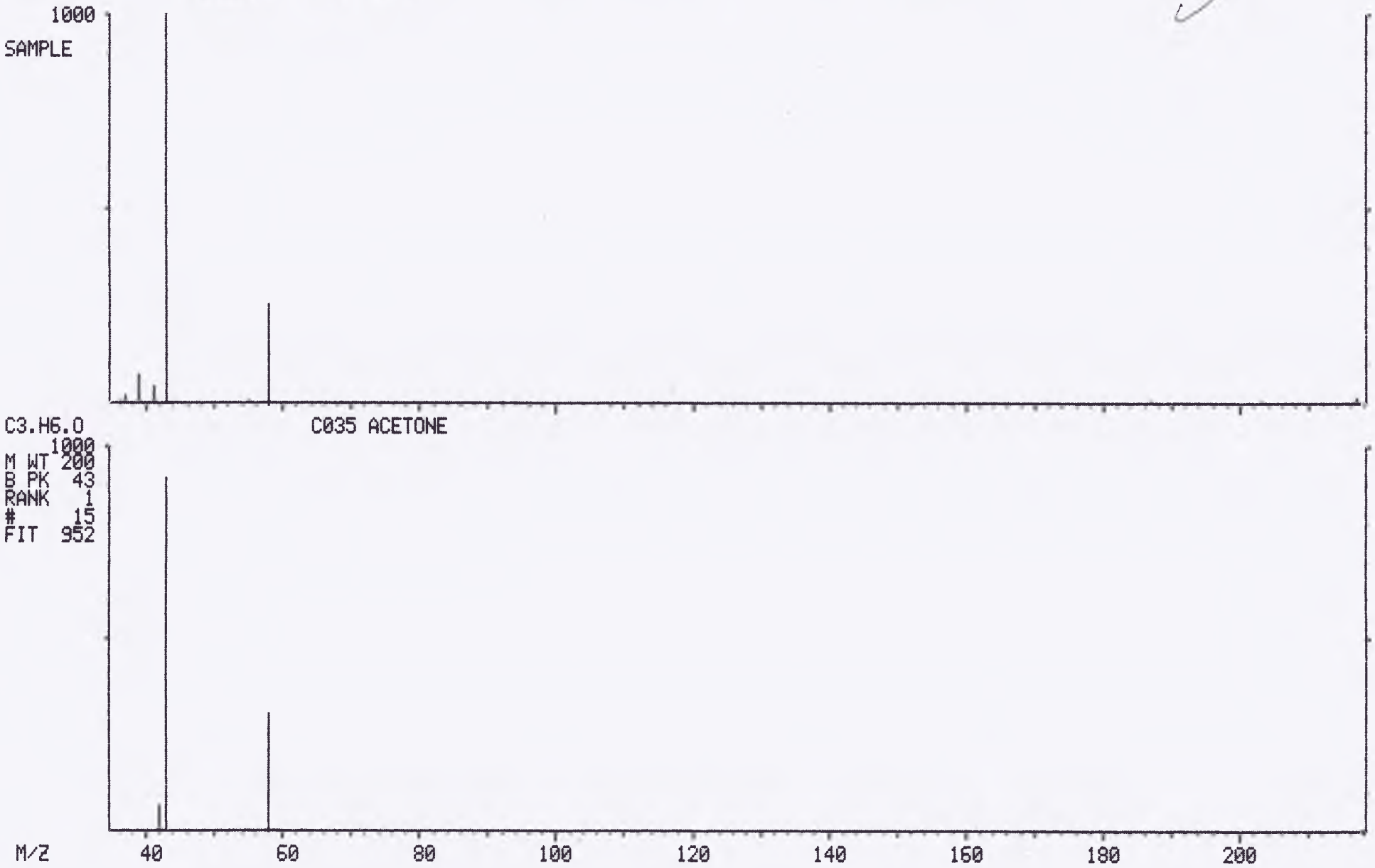
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)



MID LIBRARY SEARCH
04/10/91 13:51:00 + 3:30
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 350
CALI: A130162 # 9

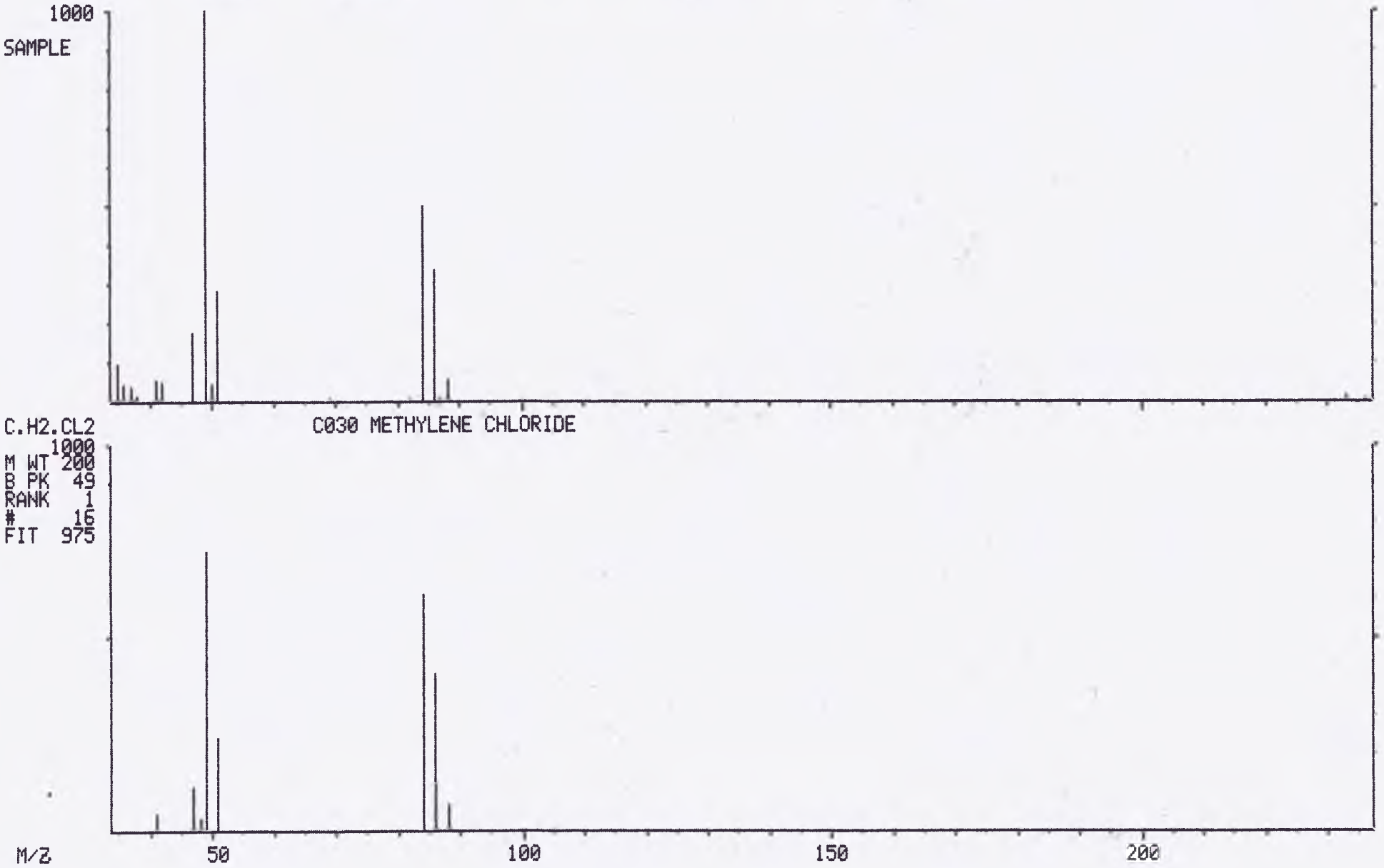
BASE M/Z: 43
RIC: 1251.



MID LIBRARY SEARCH
04/10/91 13:51:00 + 4:06
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 410
CALI: A130162 # 9

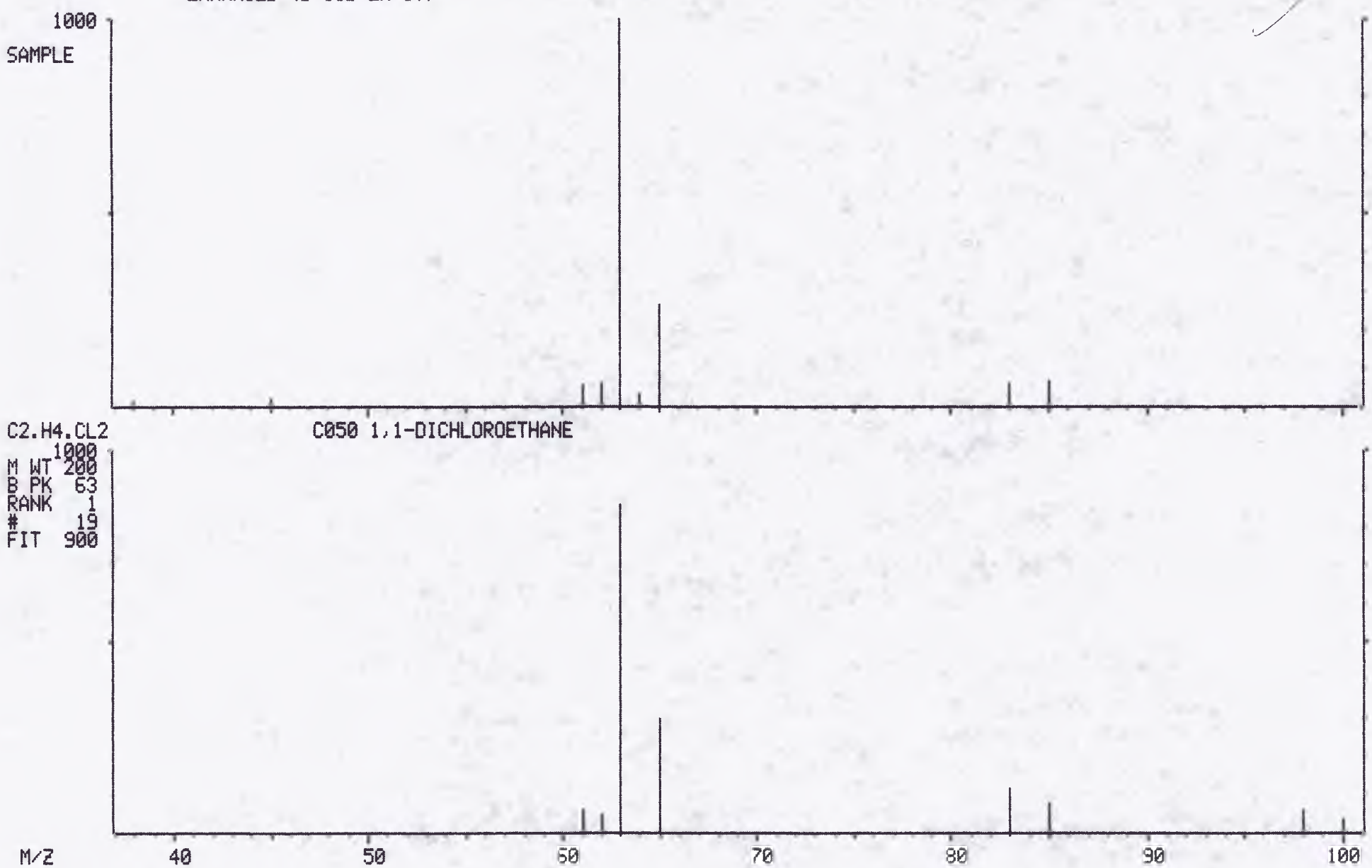
BASE M/Z: 49
RIC: 7935.



MID LIBRARY SEARCH
04/10/91 13:51:00 + 5:06
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 510
CALI: A130162 # 9

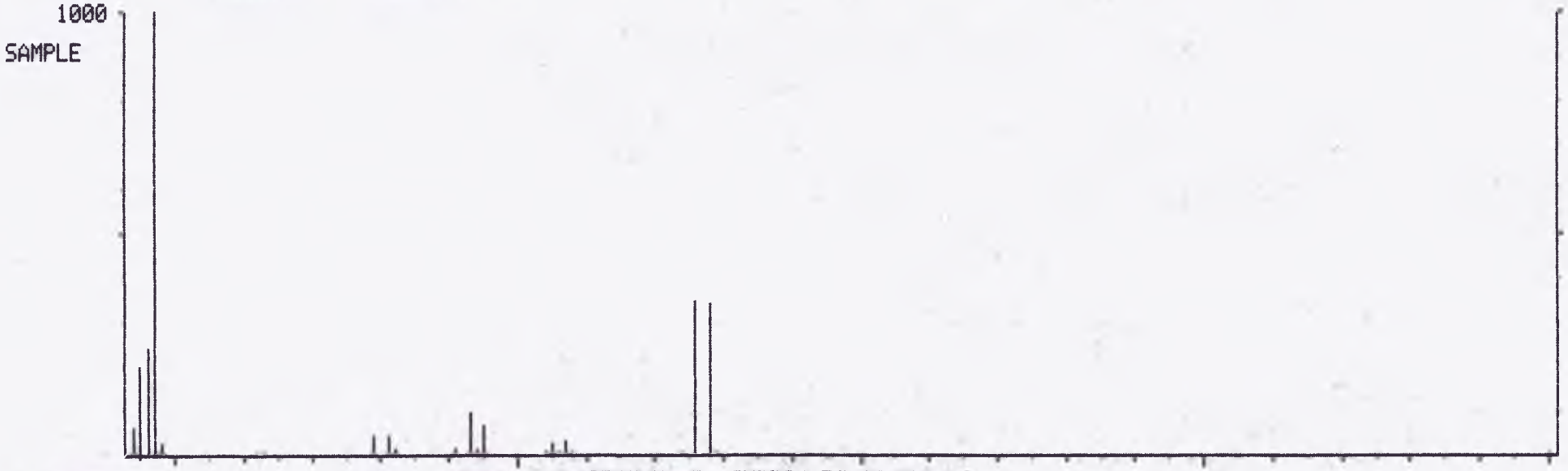
BASE M/Z: 63
RIC: 582.



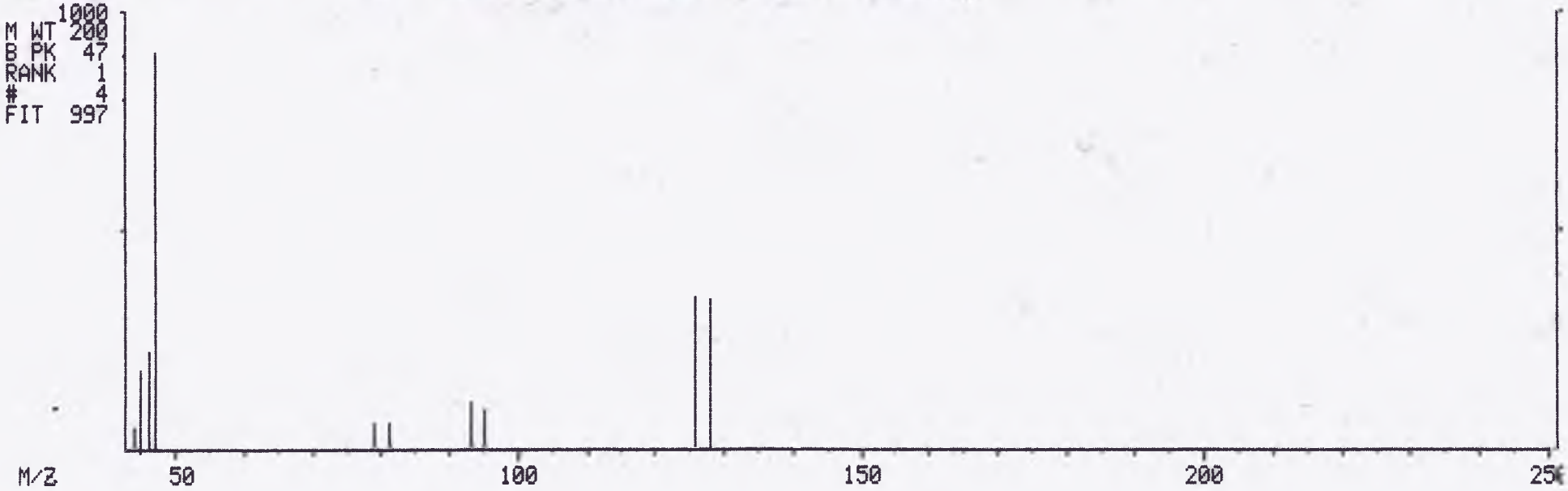
MID LIBRARY SEARCH
04/10/91 13:51:00 + 5:32
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 554
CALI: A130162 # 9

BASE M/Z: 47
RIC: 20479.



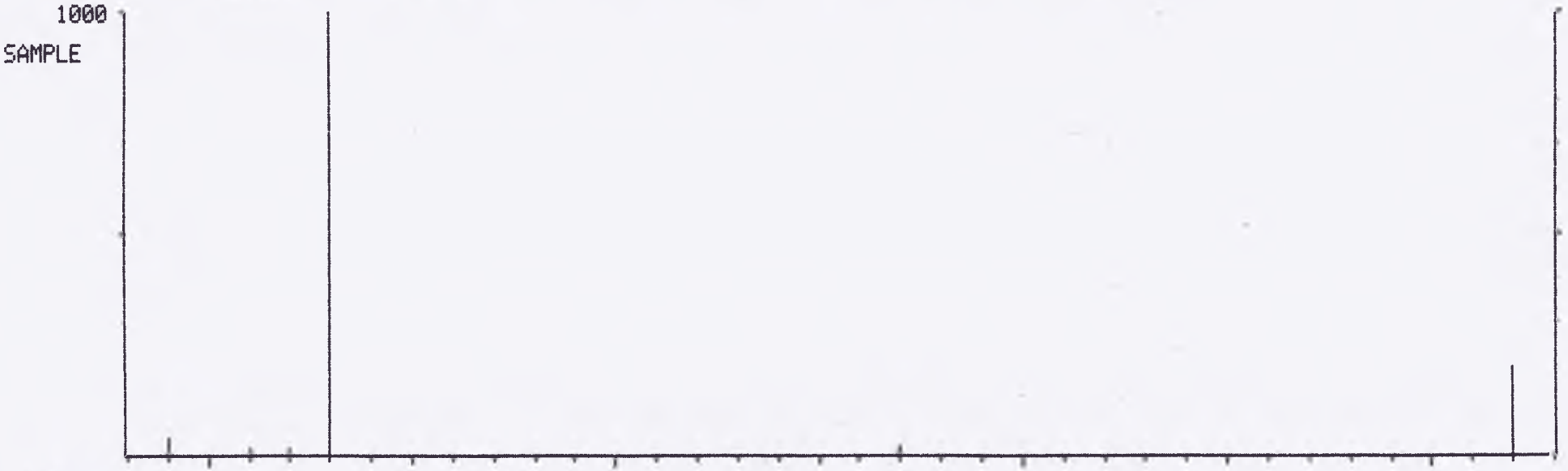
C2.H4.BR.F CS02 1-BROMO-2-FLUOROETHANE (SURROGATE STANDARD)



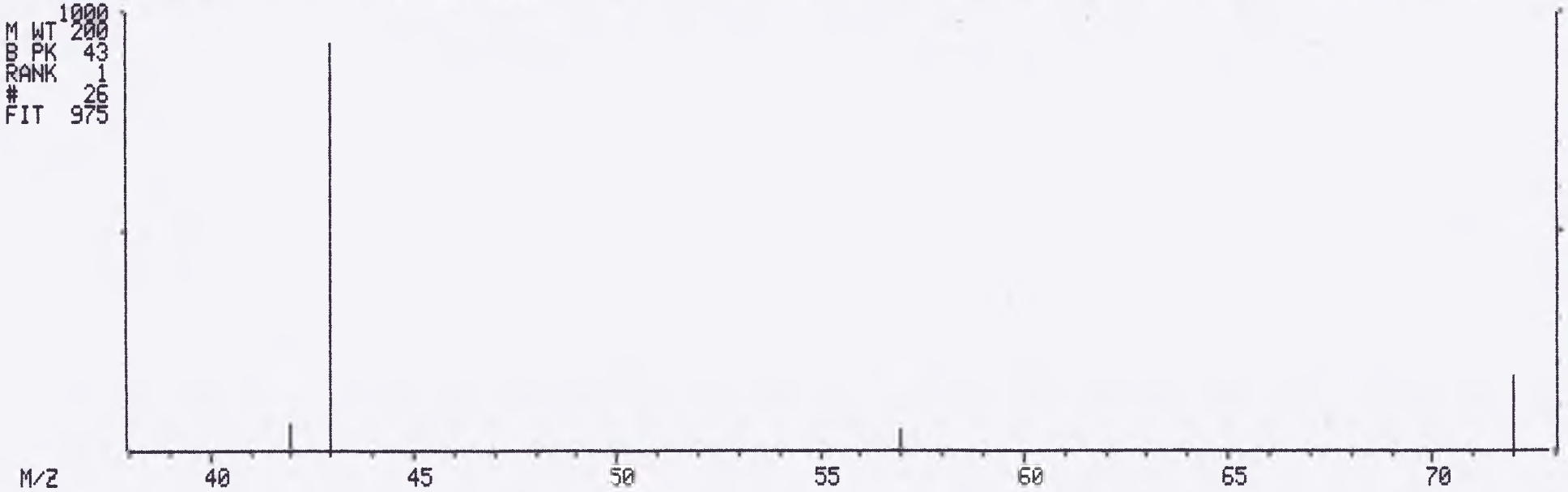
MID LIBRARY SEARCH
04/10/91 13:51:00 + 6:07
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 611
CALI: A130162 # 9

BASE M/Z: 43
RIC: 561.



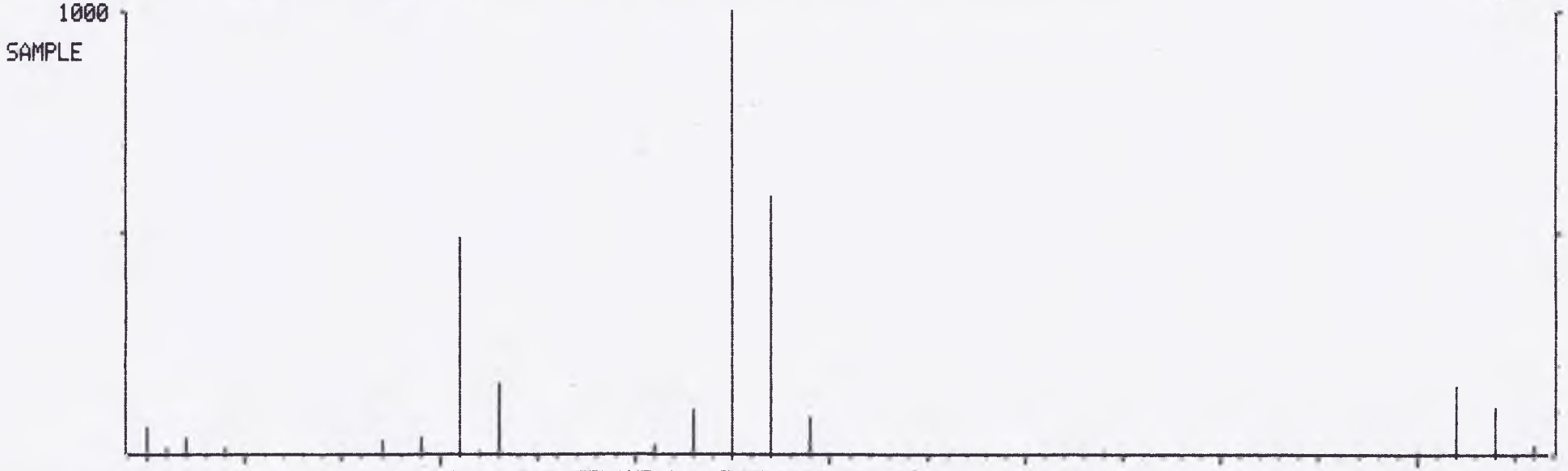
C4.H8.O C110 2-BUTANONE



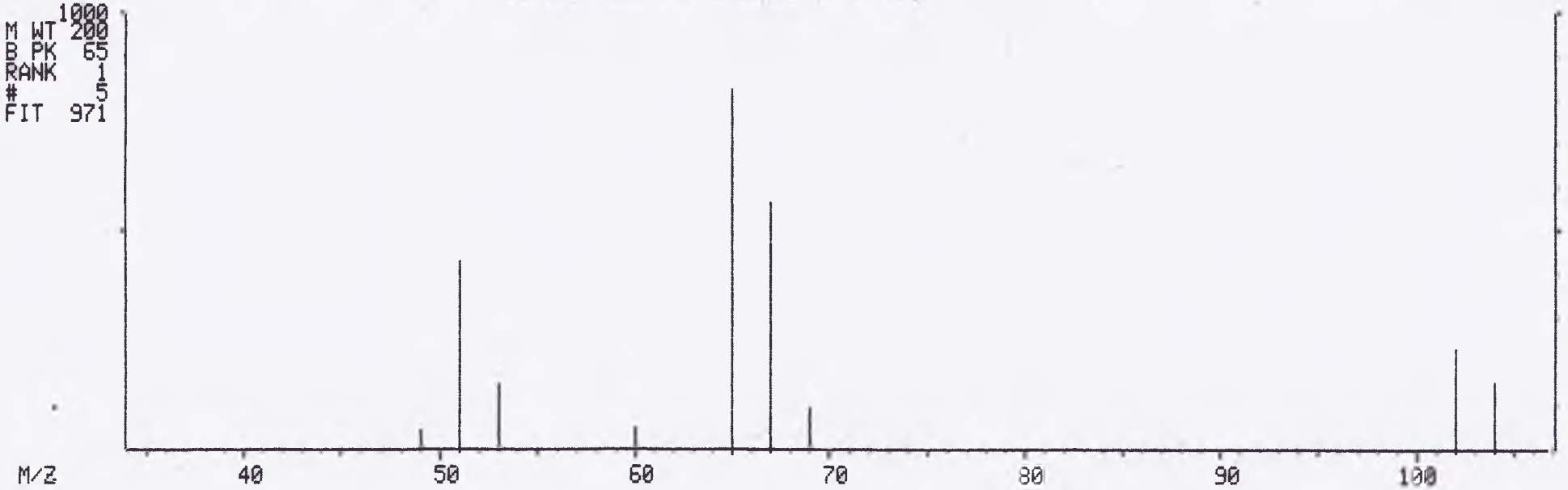
MID LIBRARY SEARCH
04/10/91 13:51:00 + 7:09
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 715
CALI: A130162 # 9

BASE M/Z: 65
RIC: 26591.



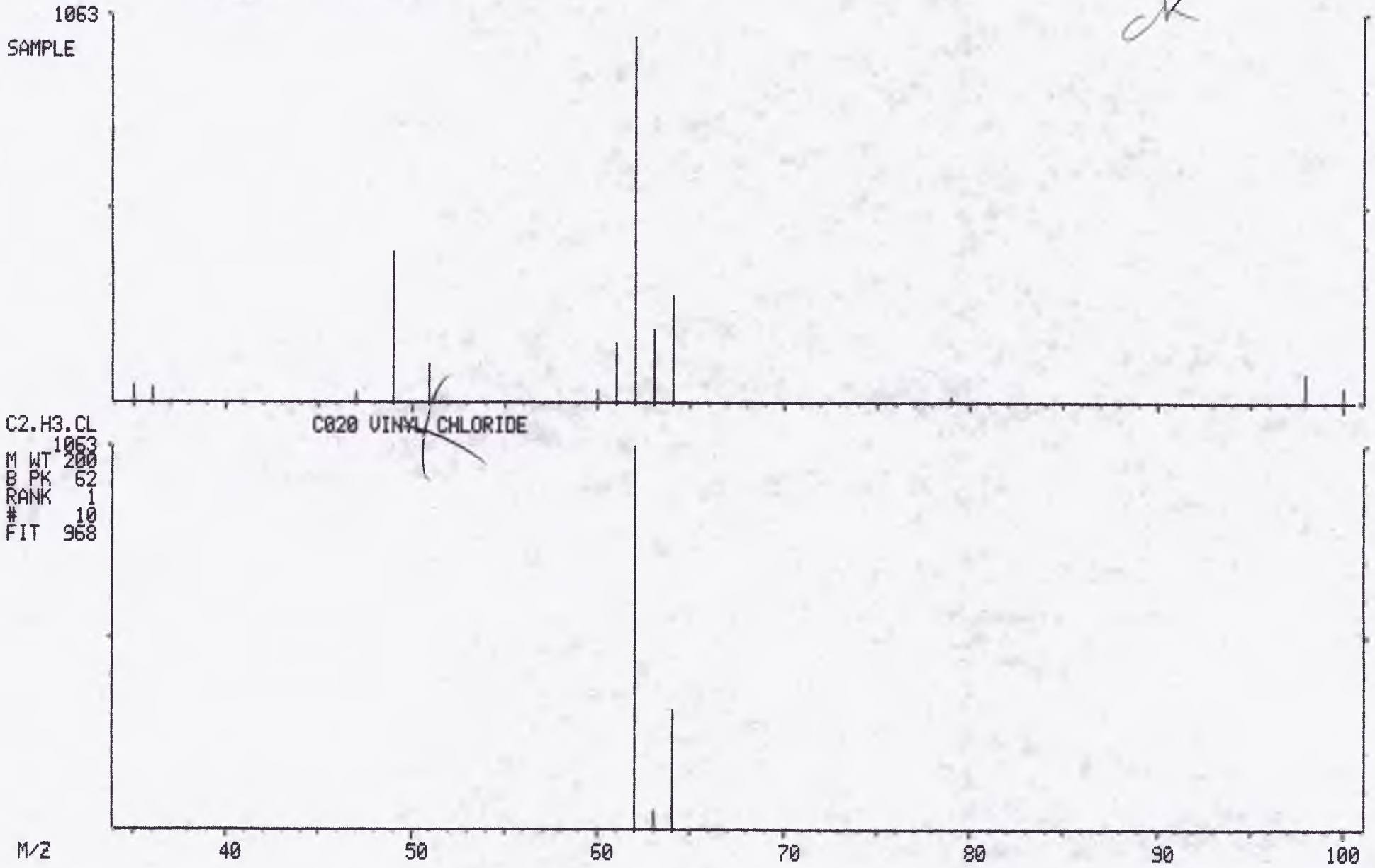
C2.CL2.D4 CS15 1,2-DICHLOROETHANE-D4 (SURROGATE SPIKE)



MID LIBRARY SEARCH
04/10/91 13:51:00 + 7:16
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 727
CALI: A130162 # 9

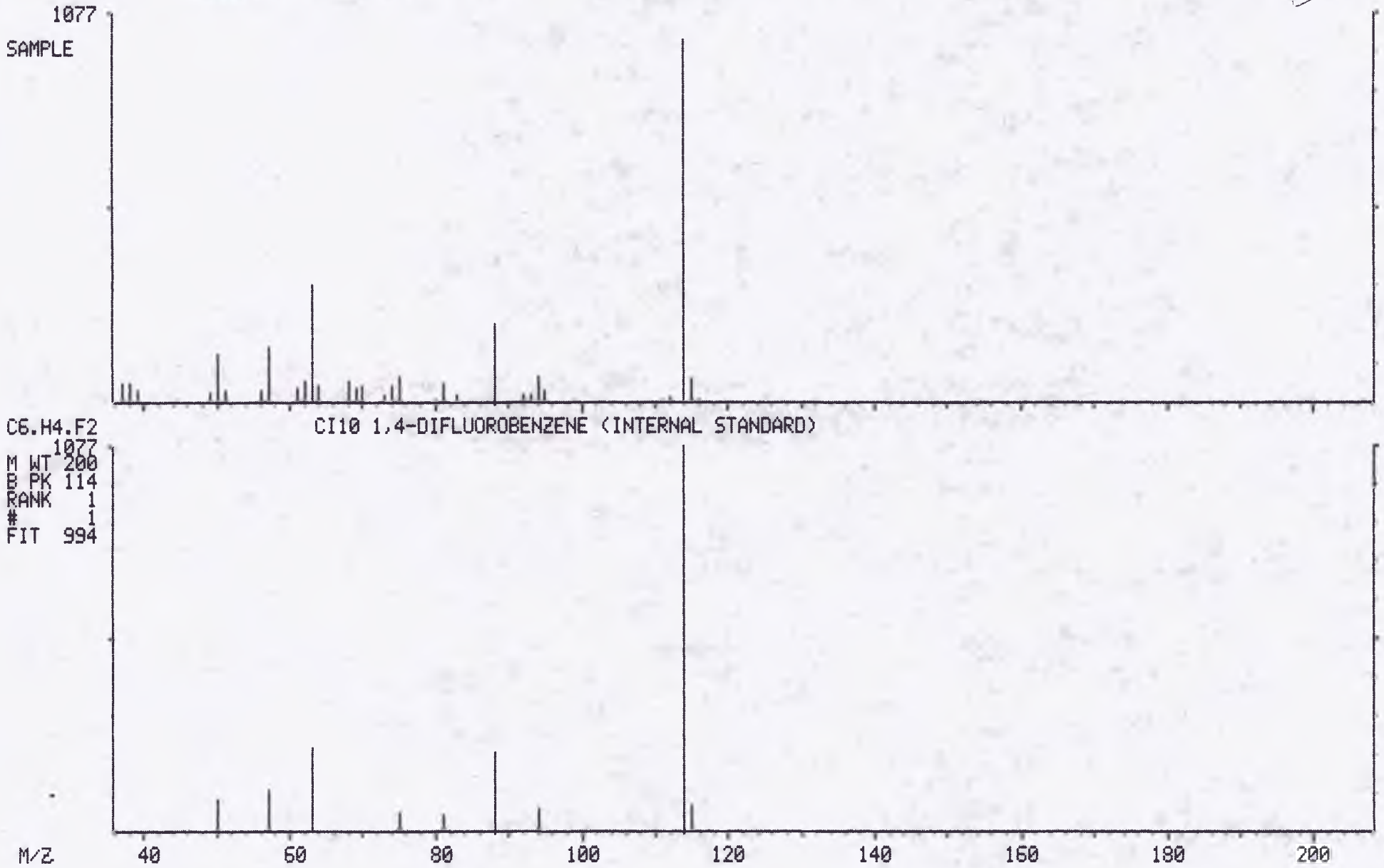
BASE M/Z: 62
RIC: 4311.



MID LIBRARY SEARCH
04/10/91 13:51:00 + 7:52
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 # 786
CALI: A130162 # 9

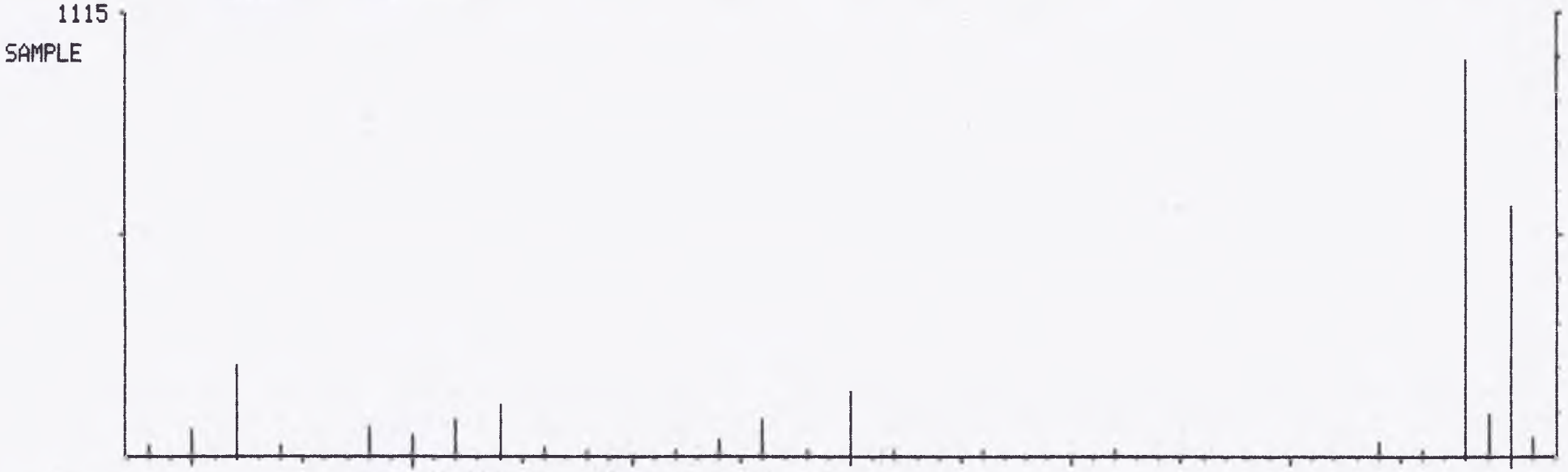
BASE M/Z: 114
RIC: 62399.



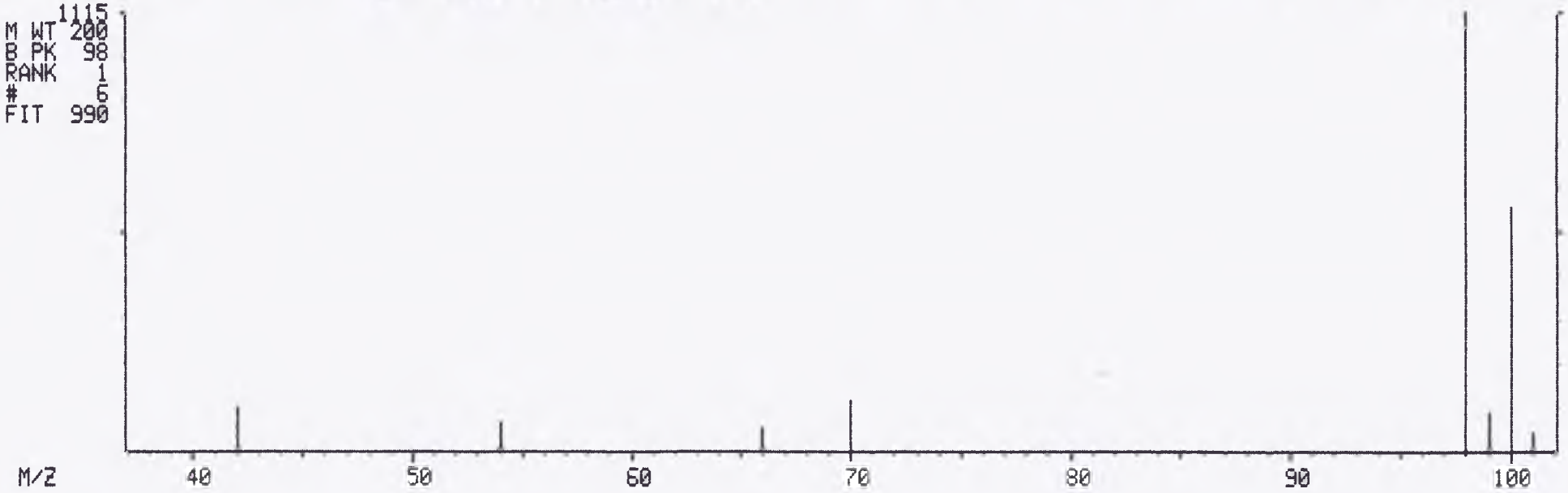
MID LIBRARY SEARCH
04/10/91 13:51:00 + 10:01
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 #1002
CALI: A130162 # 9

BASE M/Z: 98
RIC: 76927.



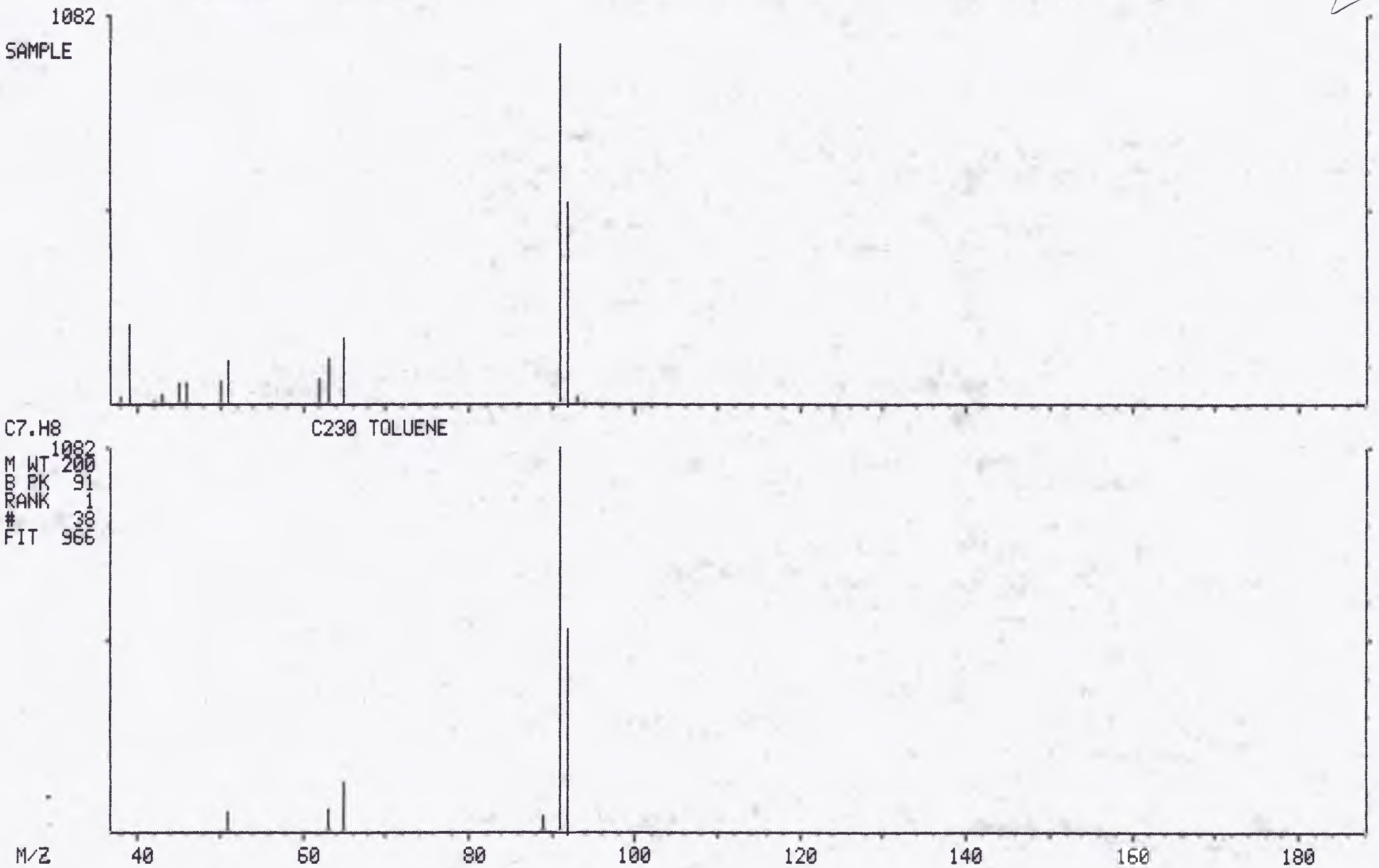
C7.D8 CS05 TOLUENE-D8 (SURROGATE SPIKE)



MID LIBRARY SEARCH
04/10/91 13:51:00 + 10:07
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 #1012
CALI: A130162 # 9

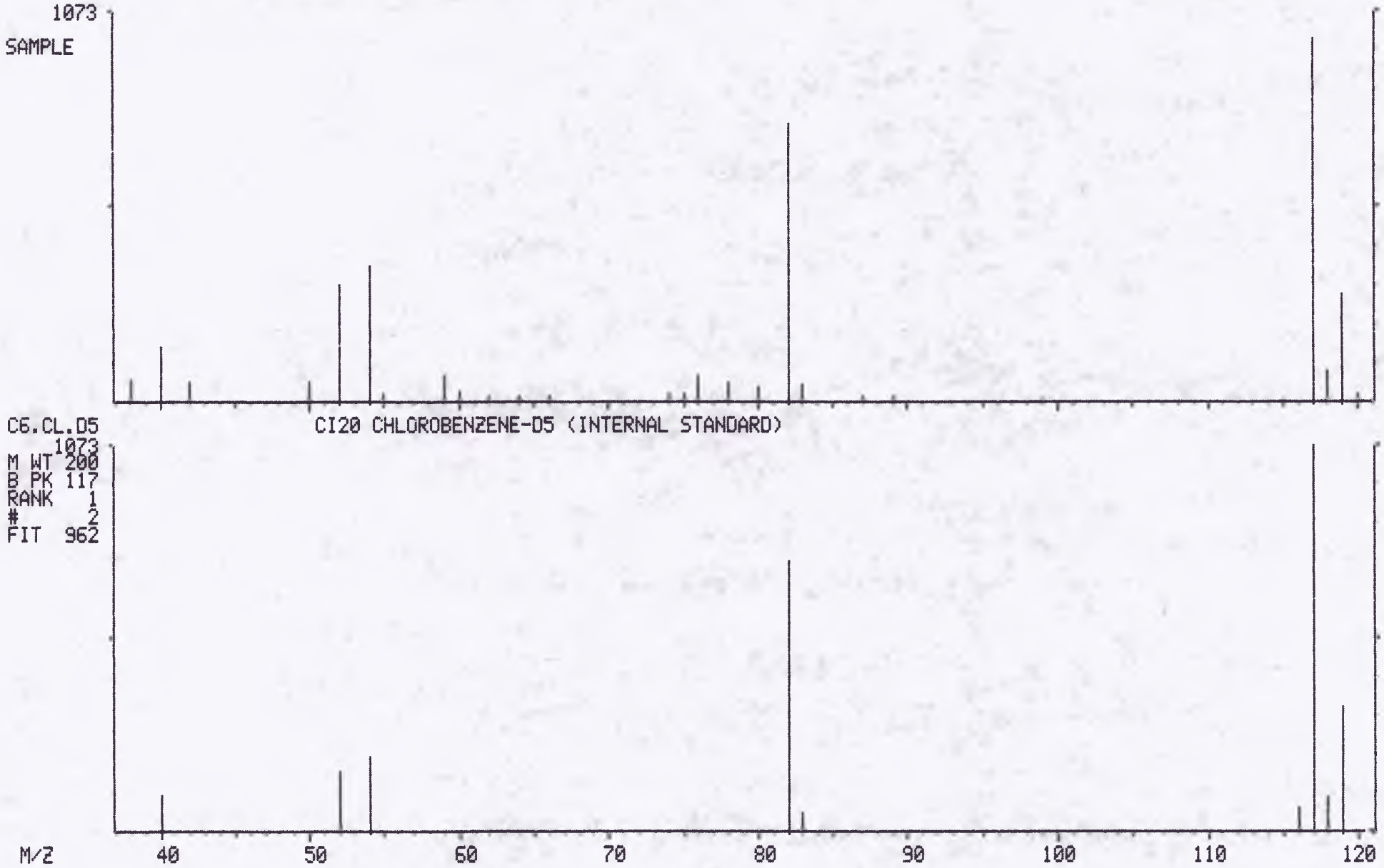
BASE M/Z: 91
RIC: 1469.



MID LIBRARY SEARCH
04/10/91 13:51:00 + 12:20
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 #1233
CALI: A130162 # 9

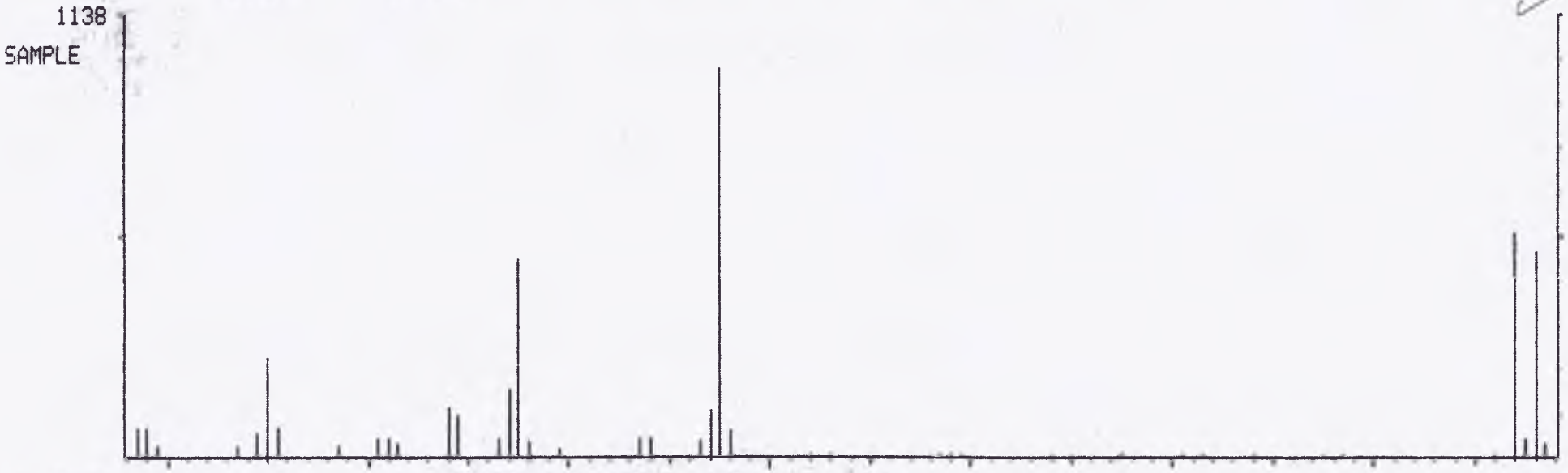
BASE M/Z: 117
RIC: 73727.



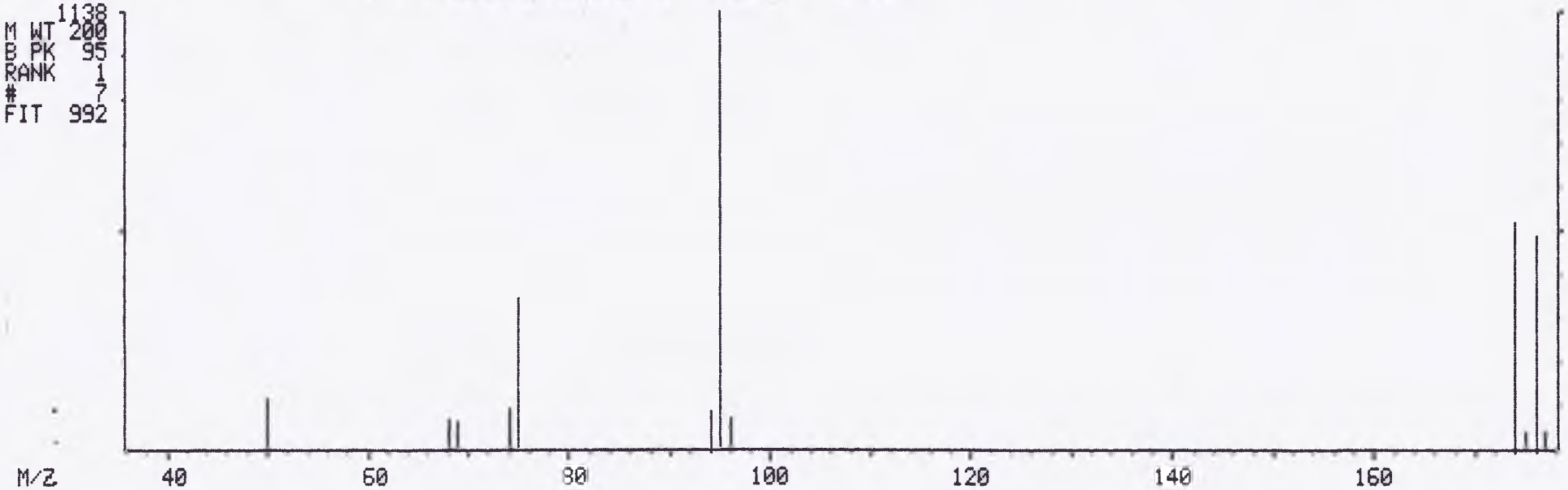
MID LIBRARY SEARCH
04/10/91 13:51:00 + 14:10
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 #1417
CALI: A130162 # 9

BASE M/Z: 95
RIC: 73727.



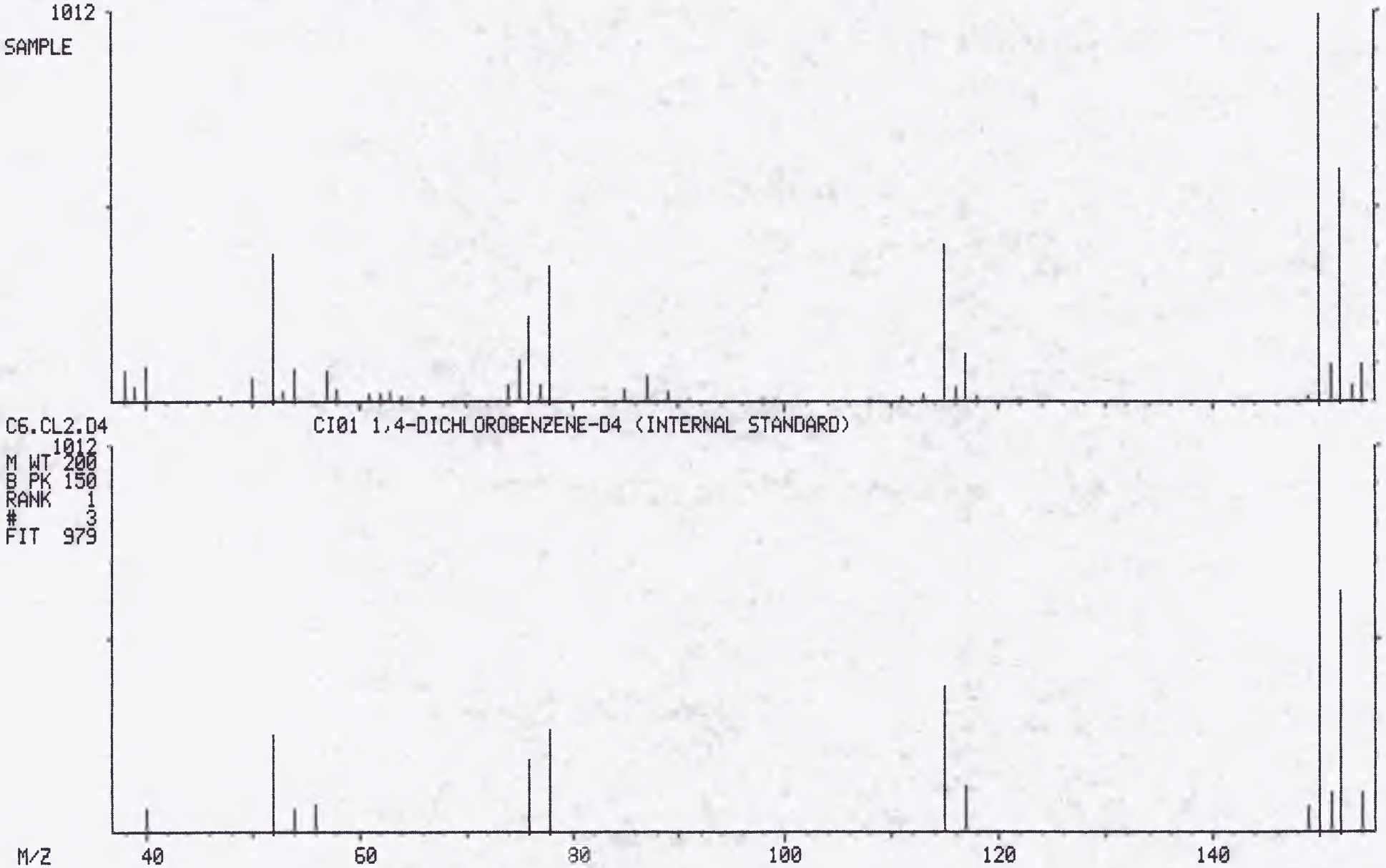
C6.H4.BR.F CS10 4-BROMOFLUOROBENZENE (SURROGATE SPIKE)



MID LIBRARY SEARCH
04/10/91 13:51:00 + 15:27
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 #1545
CALI: A130162 # 9

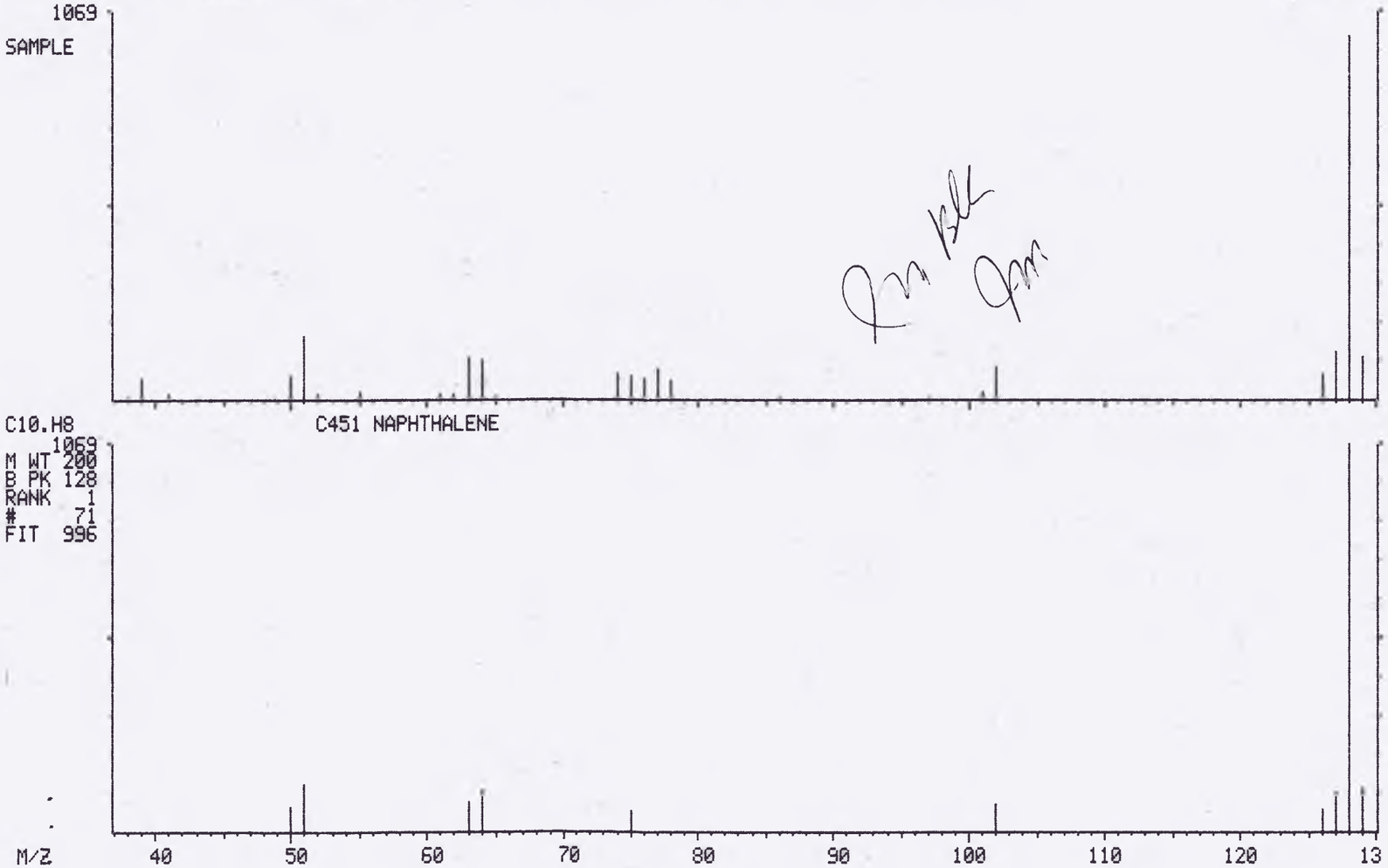
BASE M/Z: 150
RIC: 125567.



MID LIBRARY SEARCH
04/10/91 13:51:00 + 17:43
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

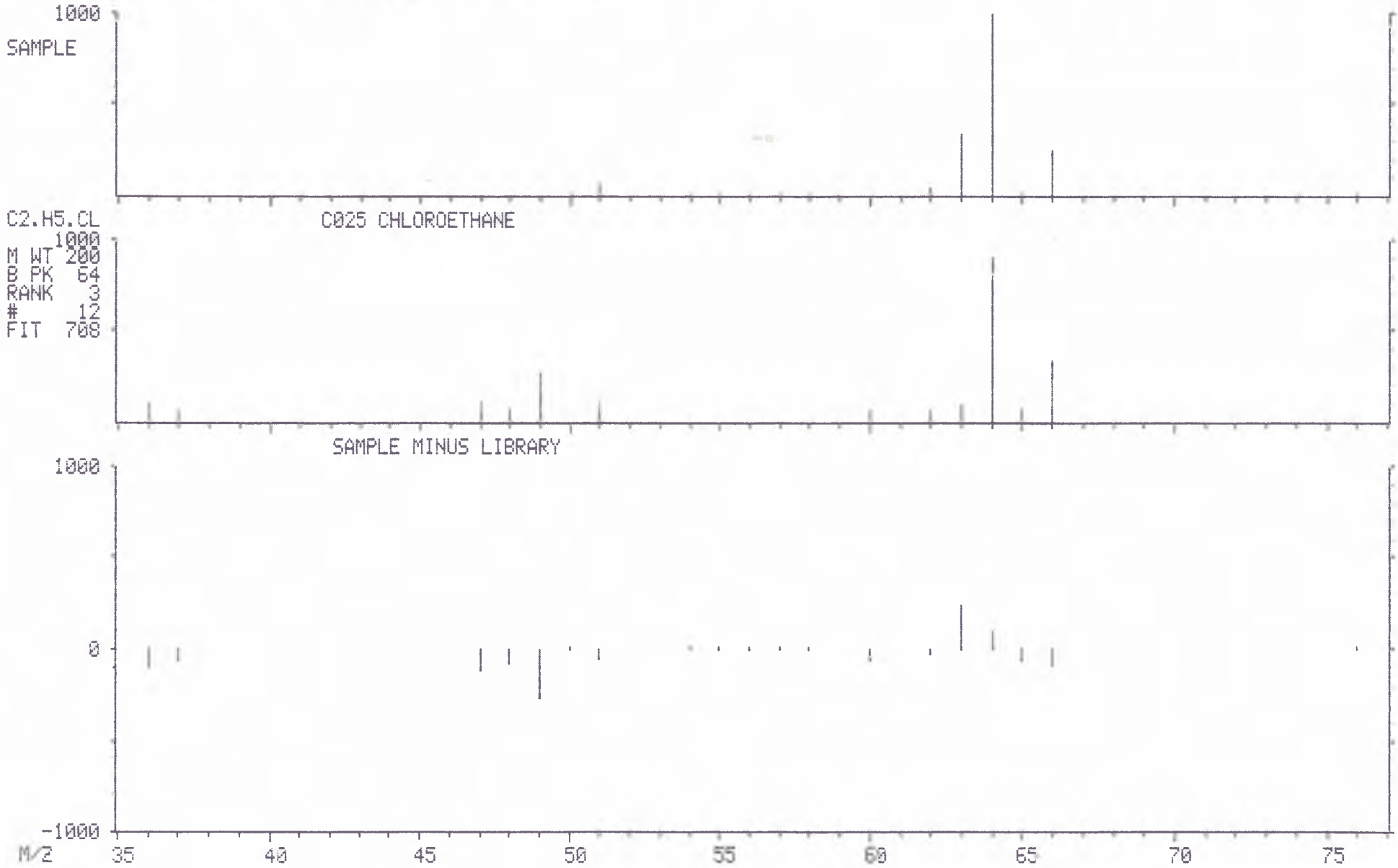
DATA: A130162 #1772
CALI: A130162 # 9

BASE M/Z: 128
RIC: 2603.

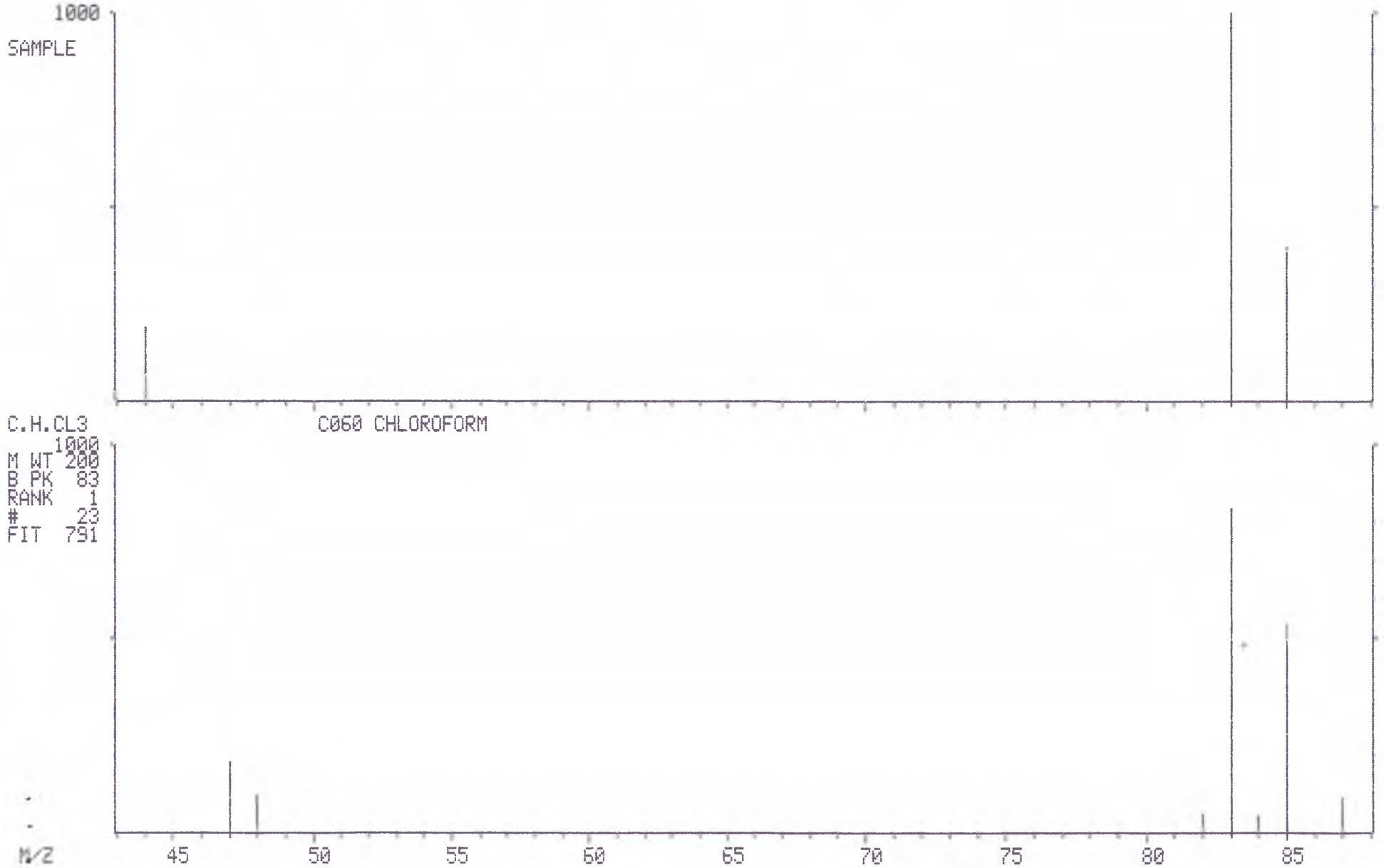


Input file: A130162.SL, Output file: A130162.SL
1378 1458 1572
unident in blank NB# 2963

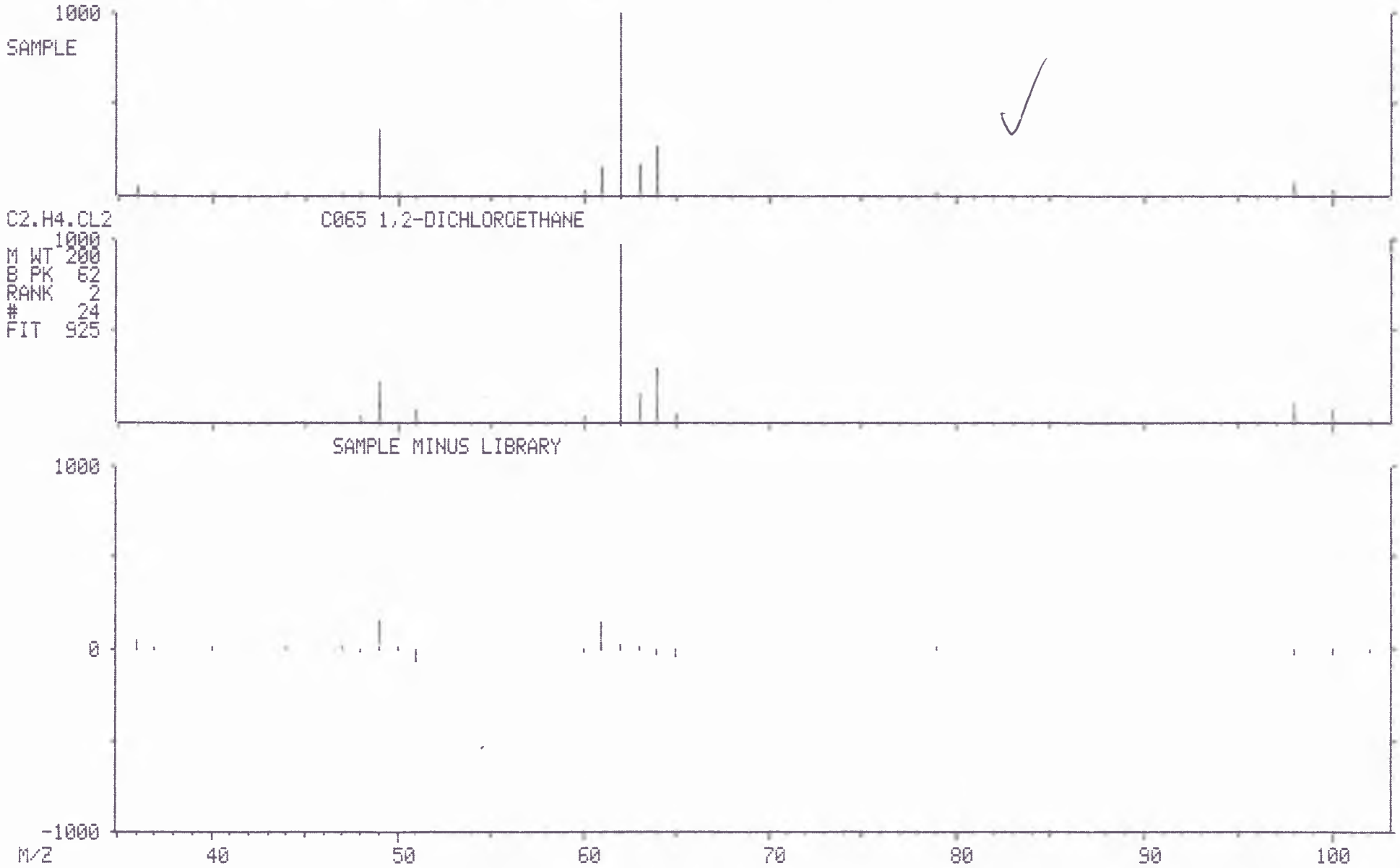
LIBRARY SEARCH DATA: A130162 # 207 BASE M/Z: 64
04/10/91 13:51:00 + 2:04 RIC: 1067.
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
205 TO # 210 SUMMED - # 204 X1.00



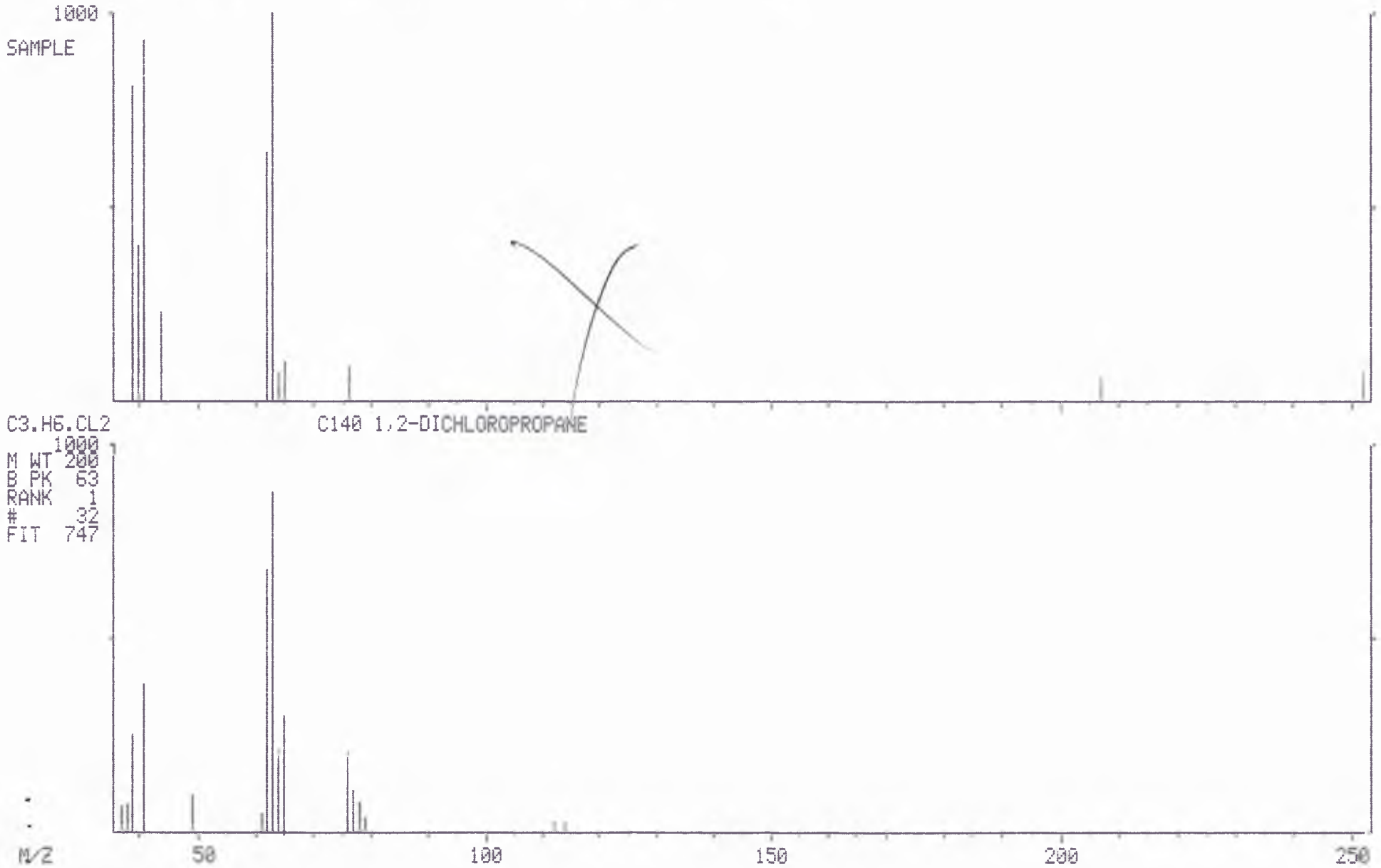
LIBRARY SEARCH DATA: A130162 # 650 BASE M/Z: 83
04/10/91 13:51:00 + 6:30 RIC: 224.
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
649 TO # 651 SUMMED - # 645 - # 654 X1.00



LIBRARY SEARCH DATA: A130162 # 726 BASE M/Z: 62
04/10/91 13:51:00 + 7:16 RIC: 18079.
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
723 TO # 729 SUMMED - # 721 X1.00



LIBRARY SEARCH DATA: A130162 # 849 BASE M/Z: 63
04/10/91 13:51:00 + 8:29 RIC: 615.
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
848 TO # 850 SUMMED - # 845 TO # 846 - # 854 X1.00



Quantitation Report File: TENT

Data: A130162.TI
04/10/91 13:51:00
Sample: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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.: AVW1100

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	CI01 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	TOT	786	7:52	1	1.000	A BB	239334.	100.000 NG	33.33
2	TOT	1233	12:20	2	1.000	A BB	288289.	100.000 NG	33.33
3	TOT	1545	15:27	3	1.000	M BB	315265.	100.000 NG	33.33

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	7:53	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
2	12:22	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
3	15:28	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00

Quantitation Report File: CAS

Data: A130162.TI
04/10/91 13:51:00
Sample: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
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.: AVW1100

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

No	Name
1	1H-INDENE, 2,3-DIHYDRO-

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	TOT	1573	15:44	1	1.000	A BB	7120.	100.000	*100.

DATA FILE: D:A130162.TI LIBRARY SEARCHED: LIBRARYVZ

ENTRY	SCAN	PURITY	FIT	# LIB ENTRIES WITH FIT > 650	# OF SATURATED PEAKS IN SCAN
1	1572	941	962	46	0

HERE ARE THE SCAN NUMBERS OF PEAKS NOT IDENTIFIED BY REVERSE SEARCH
BUT THEY WERE DETECTED BY THE BILLER-BIEMANN MAX-MASS ALGORITHM

THESE SCANS WILL BE FORWARD LIBRARY SEARCHED

Input file: A130162.SL, Output file: A130162.SL
1572

MID Library Search Data: A130162 #1572 Base m/z: 117
04/10/91 13:51:00 + 15:43 Cali: A130162 # 9 RIC: 2243.
Sample: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Enhanced (S 15B 2N OT)

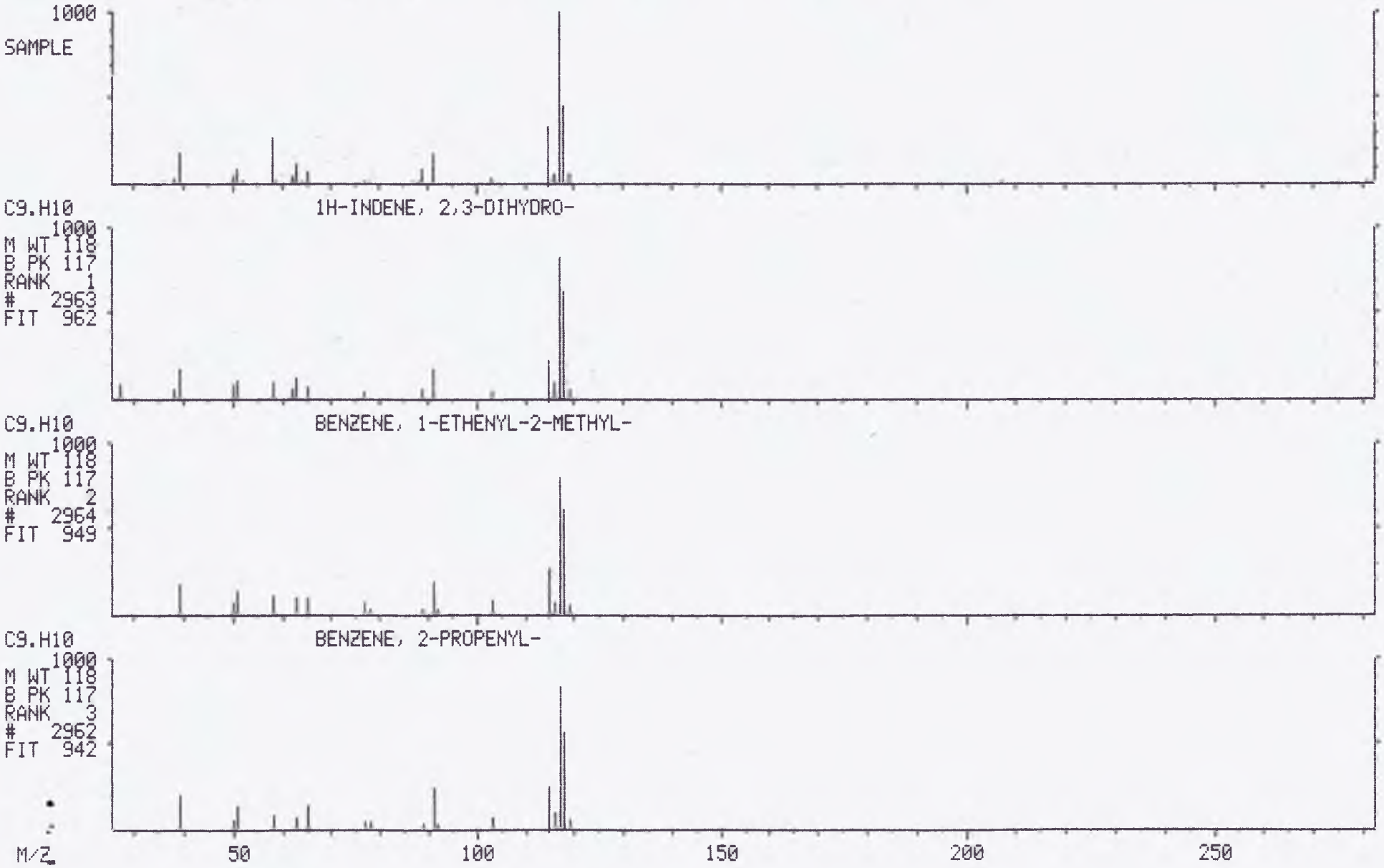
42222 spectra in LIBRARYNB searched for maximum FIT
81 matched at least 6 of the 16 largest peaks in the unknown
46 had Fit at least 650

Rank	In.	Name
1	2963	1H-INDENE, 2,3-DIHYDRO-
2	2964	BENZENE, 1-ETHENYL-2-METHYL-
3	2962	BENZENE, 2-PROPENYL-
4	2968	BENZENE, ETHENYLMETHYL-
5	2967	BENZENE, CYCLOPROPYL-

Rank	Formula	M.Wt	B.Pk	Purity	Fit	RFit
1	C9.H10	118	117	941	962	947
2	C9.H10	118	117	917	949	934
3	C9.H10	118	117	911	942	930
4	C9.H10	118	118	897	929	915
5	C9.H10	118	117	878	927	891

Rank	Ret.Time	B.P. Int.	US.Par.1	US.Par.2	C.A.S. #
1	___	___	___	___	496-11-7
2	___	___	___	___	611-15-4
3	___	___	___	___	300-57-2
4	___	___	___	___	25013-15-4
5	___	___	___	___	873-49-4

MID LIBRARY SEARCH
04/10/91 13:51:00 + 15:43
SAMPLE: A130162, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGGD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130162 #1572
CALI: A130162 # 9

BASE M/Z: 117
RIC: 2243.