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

Sample: 91130168
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 15:54 Analyst: SVP Percent Solids: _____

Reviewed: 91/07/02 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: 19

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): 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 91130168

USEPA RCRA
3057923

Sample Number
A91130168

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	~~0.08J~~ 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	0.5J	
75-00-3	Chloroethane	1	U	108-90-7	Chlorobenzene	1	U
75-69-4	Trichlorofluoromethane	~~0.05J~~ 1U		100-41-4	Ethylbenzene	1	U
75-09-2	Methylene Chloride	1	U	100-42-5	Styrene	1	U
67-64-1	Acetone	8.5U		108-86-1	Bromobenzene	1	U
75-15-0	Carbon Disulfide	~~0.5U~~ 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	1	U	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	0.6J		99-87-6	p-Isopropyltoluene	1	U
78-93-3	2-Butanone	~~22.9U~~ 2.9U		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	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)	108	
10061-01-5	cis-1,3-Dichloropropene	1	U	2747-58-2	Toluene (d8). (SS)	93	
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)	96	
108-10-1	4-Methyl-2-Pentanone	1	U	~~2199-69-1~~	~~1,2-Dichlorobenzene-d4 (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
A91130168

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

4/10/91 , 15:54:08 SCAN 1 OF 1900
Acquisition started

Acquire
04/10/91 15:54:00 + 0:02
Sample: A130168, 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 3:A130168
Free sectors: 10409
RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
Instrument: 5100
Analyst: SVP

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

*** GC descriptor: V1 ***

GC temperature: 5 DegC Injector: 200 DegC
Elapsed time : 0: 3 min 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
7-2-91, 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
JMB

Current instrument parameters.

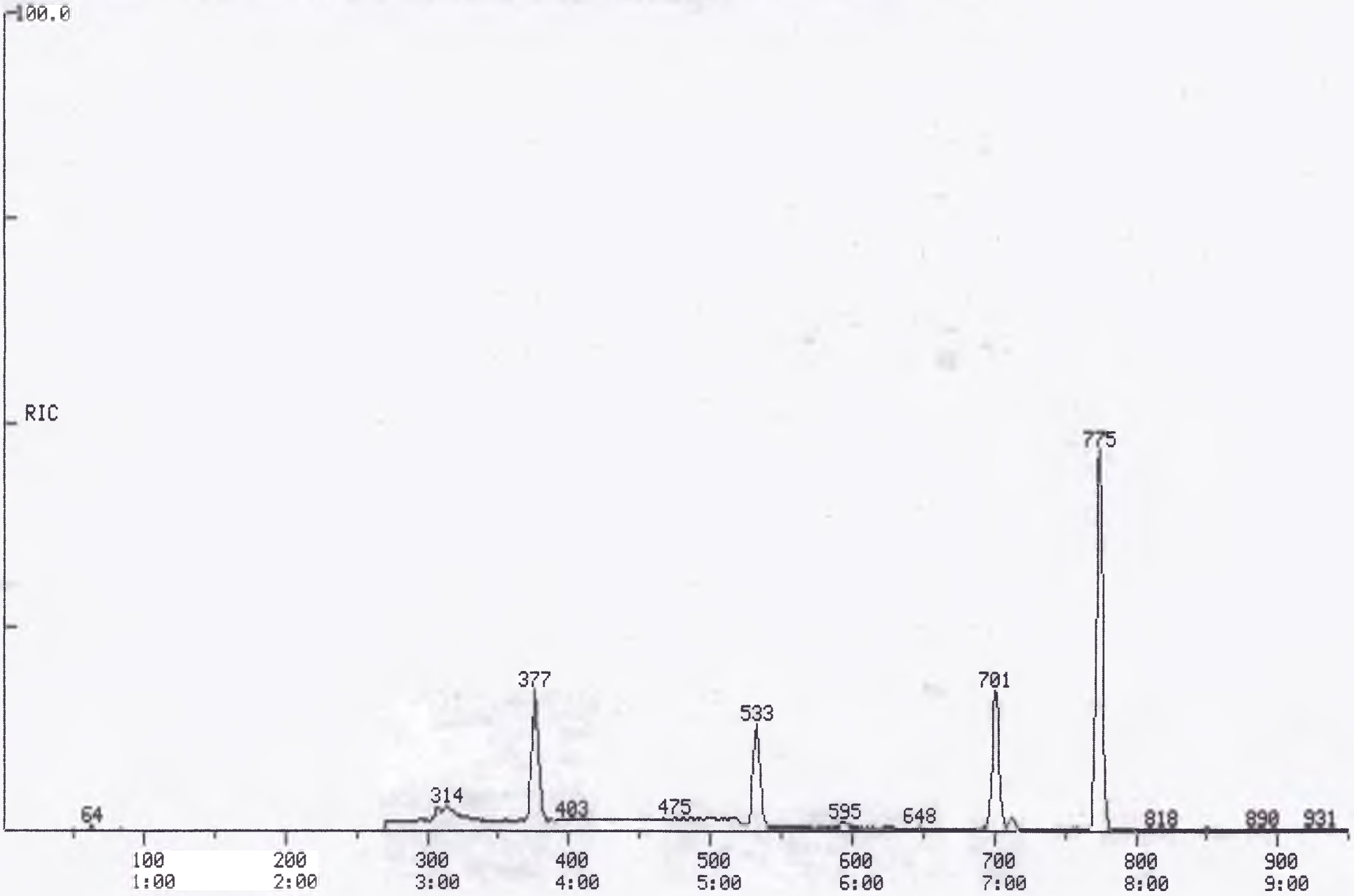
	Positive ion mode	Negative ion mode
Resolution (high)	127.00	128.00
Resolution (low)	128.00	128.00
Ion energy	4.00	-4.00
Ion programming	6.51	-4.00
Lens voltage	-40.00	50.20
Extractor voltage	0.00	not used

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

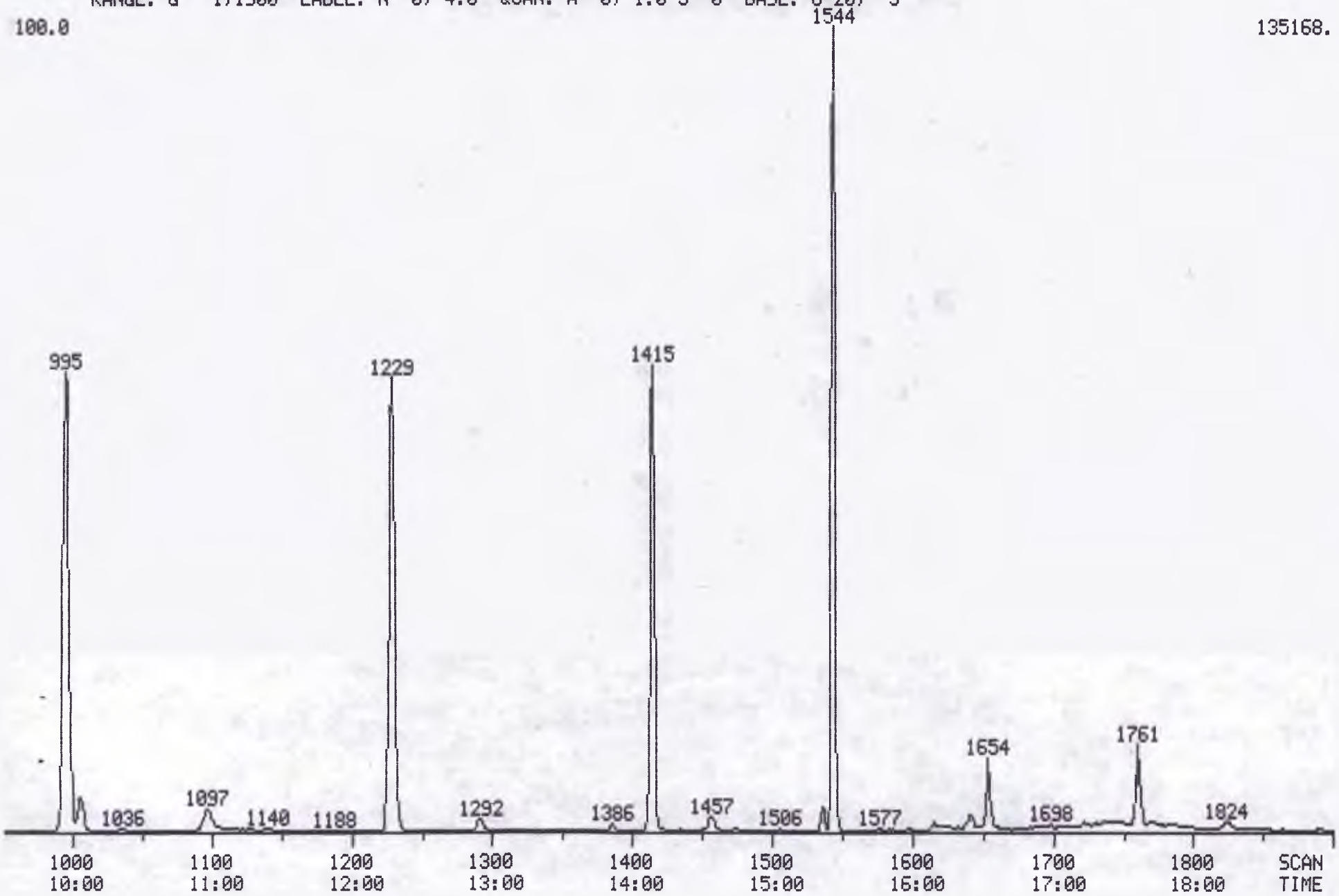
4/10/91 16:13:09
Acquisition completed
Scans 1 to 1900 centroid

Mode	Scans	Secs	out of	%	Peaks per scan per second		
Centroid	1900	6.9	1140.0	0.6	17432.	9.	15.

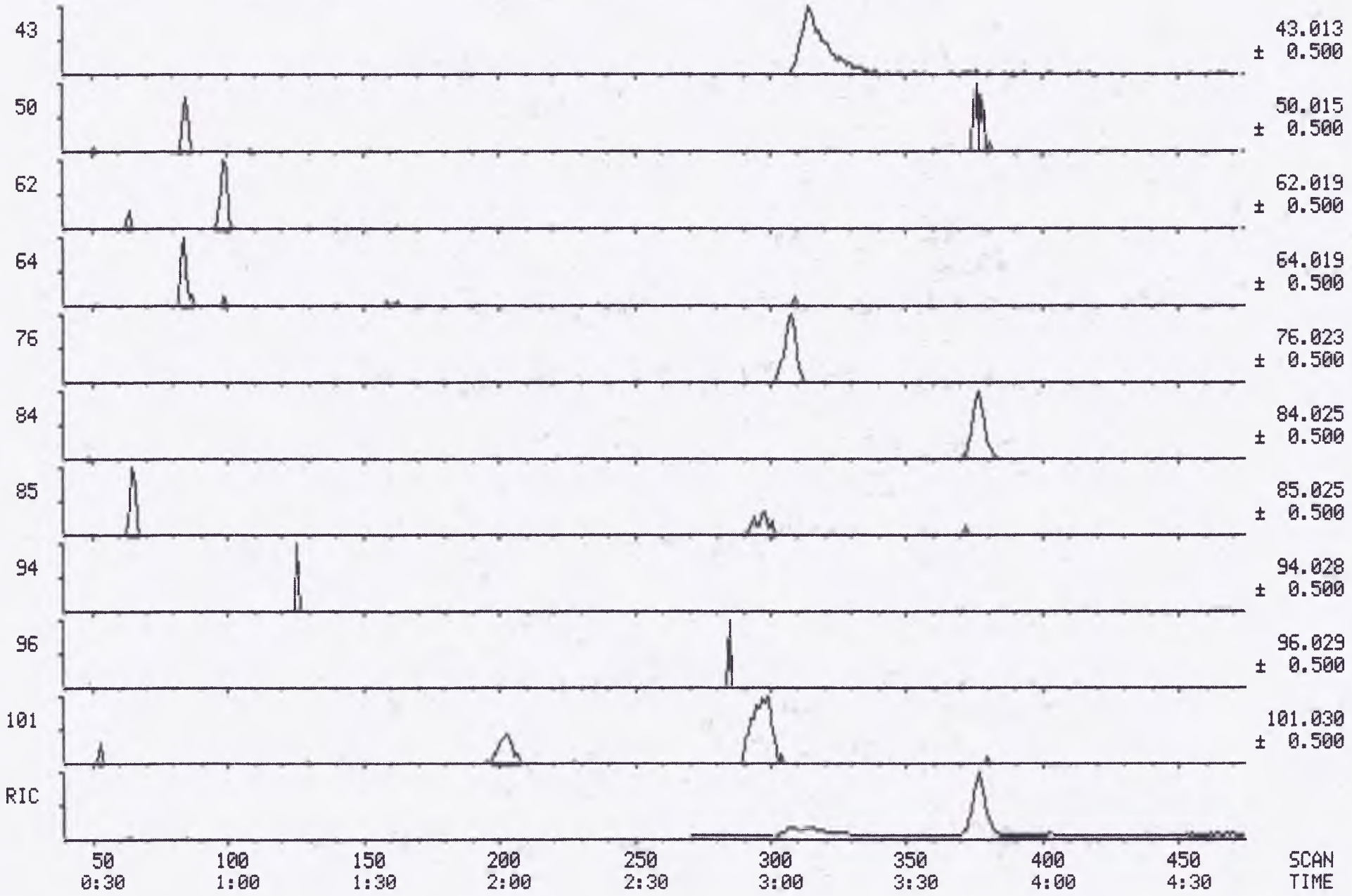
MIDRIC DATA: A130168 #1 SCANS 1 TO 951
04/10/91 15:54:00 CALI: A130168 #9 OUT OF 1 TO 1900
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



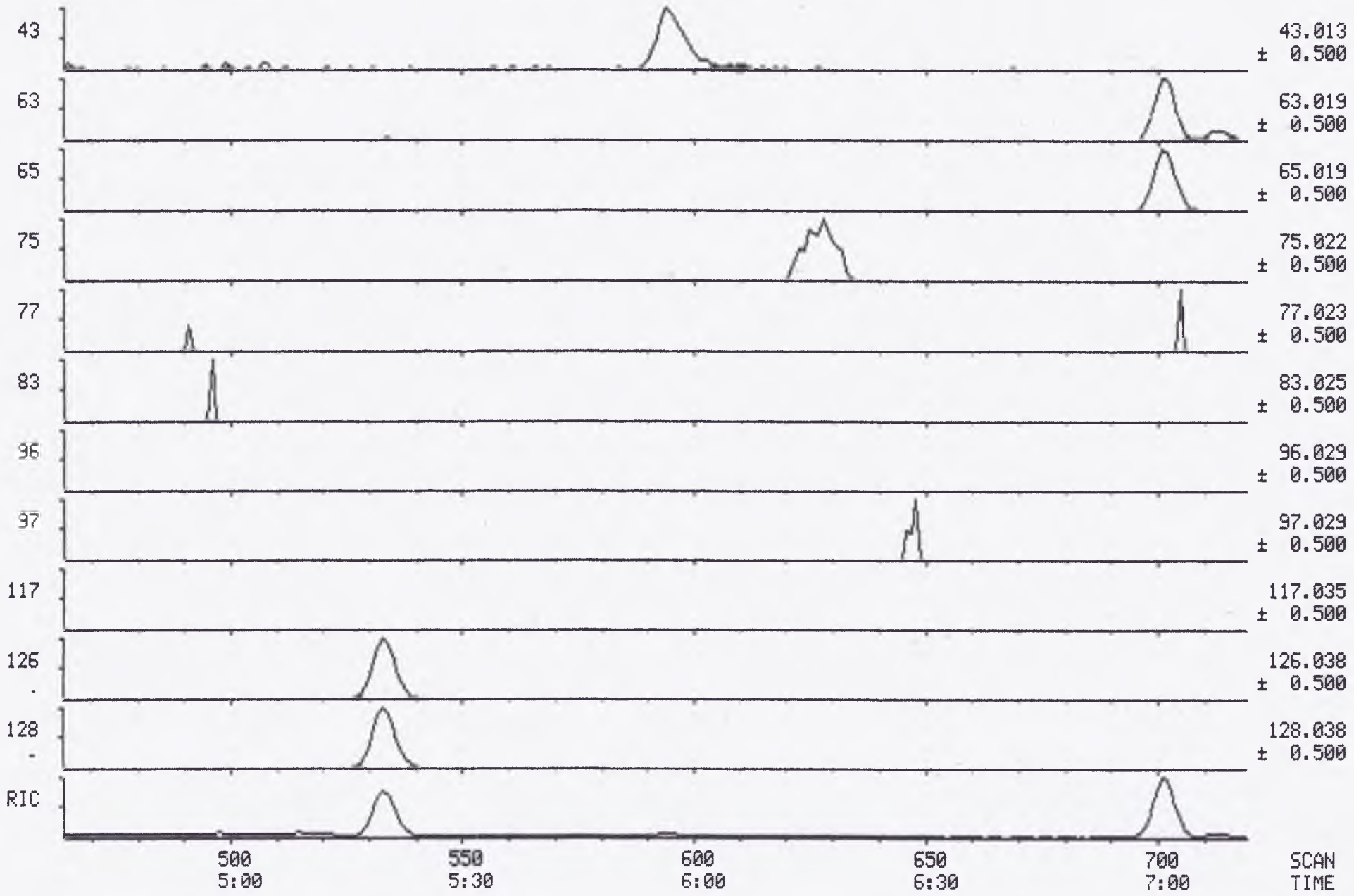
MIDRIC DATA: A130168 #1 SCANS 951 TO 1900
04/10/91 15:54:00 CALI: A130168 #9 OUT OF 1 TO 1900
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



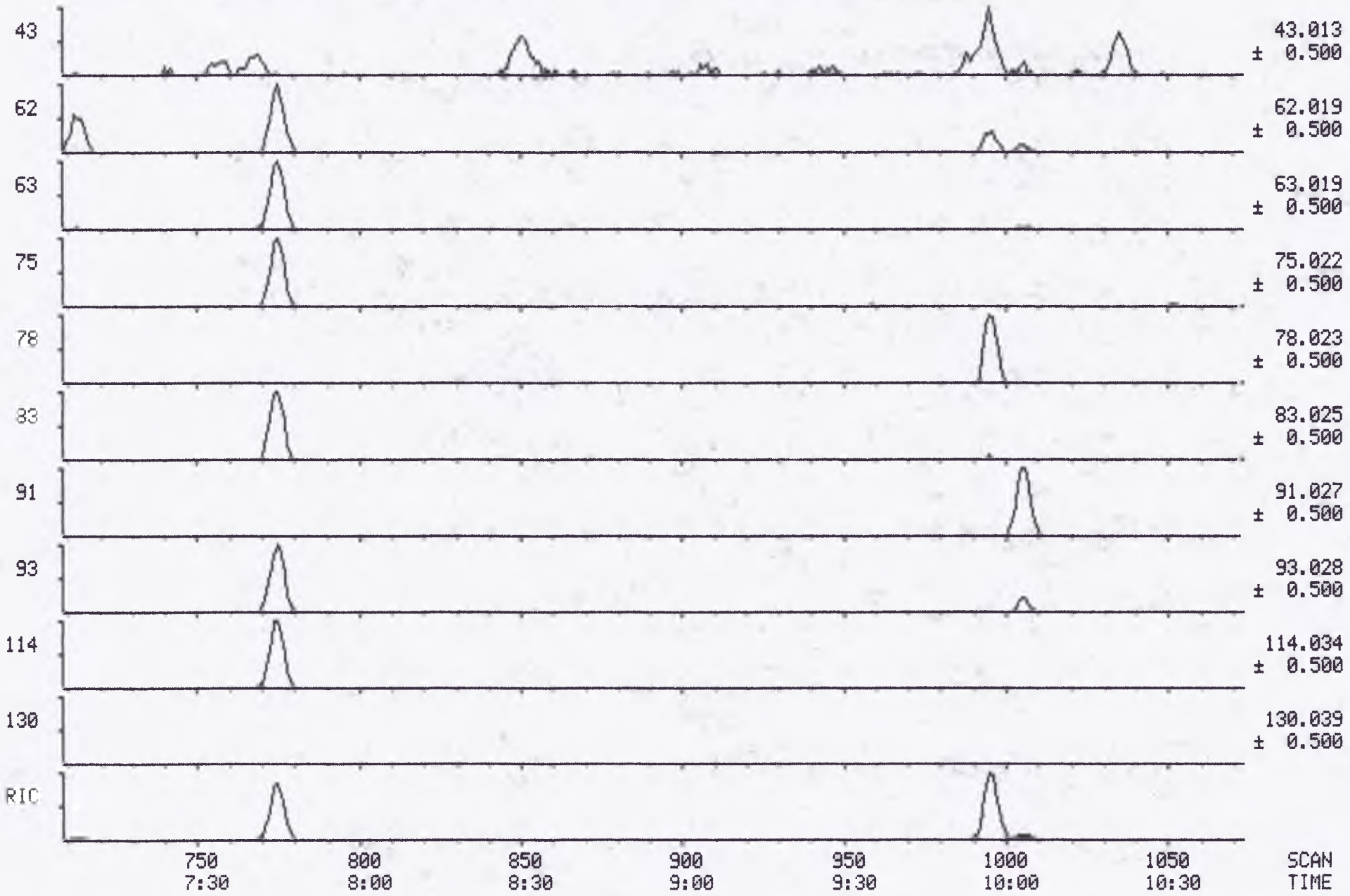
MIDRIC+MASS CHROMATOGRAMS DATA: A130168 #249 SCANS 39 TO 474
04/10/91 15:54:00 CALI: A130168 #9
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



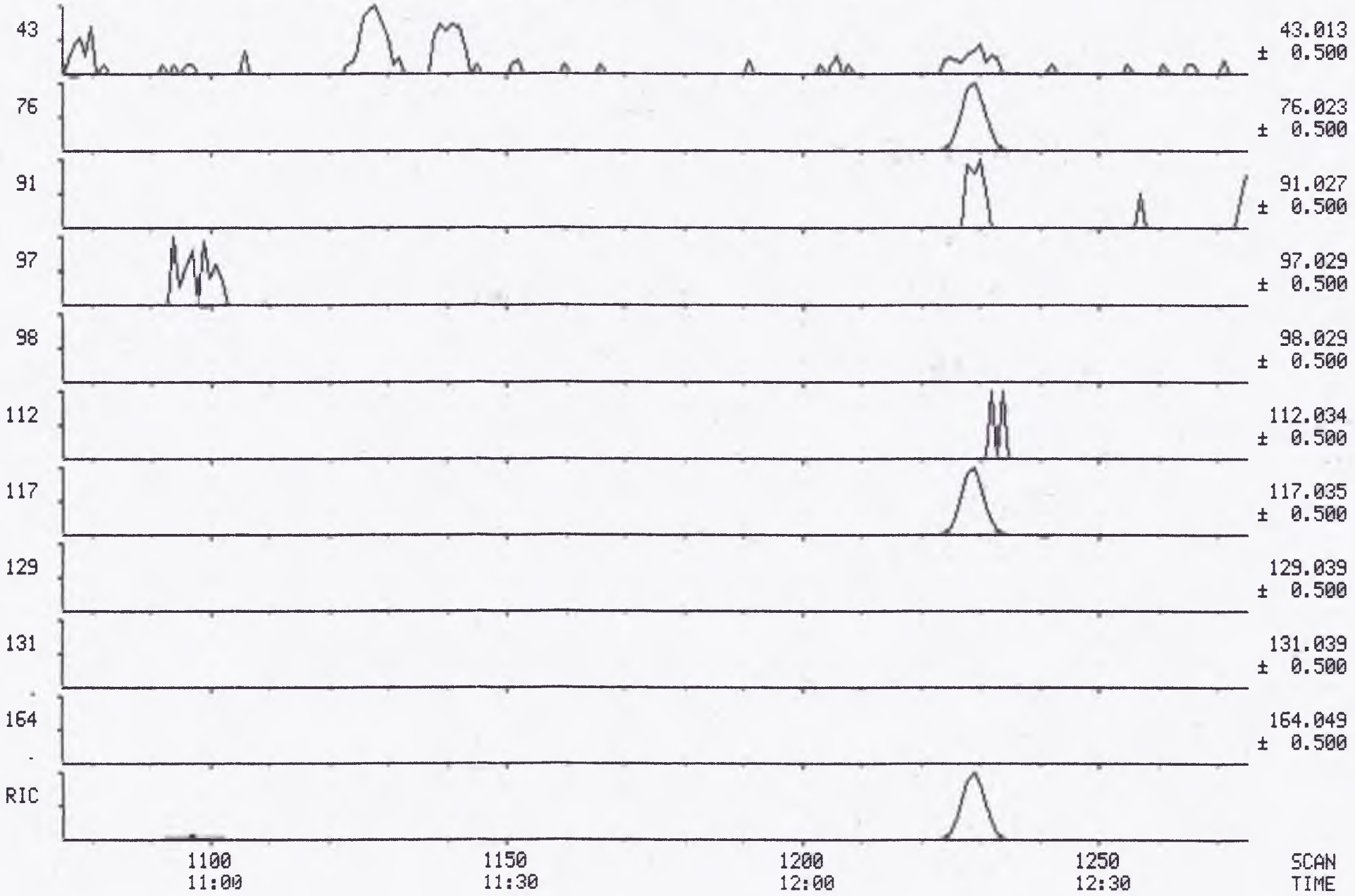
MIDRIC+MASS CHROMATOGRAMS DATA: A130168 #634 SCANS 464 TO 719
04/10/91 15:54:00 CALI: A130158 #9
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



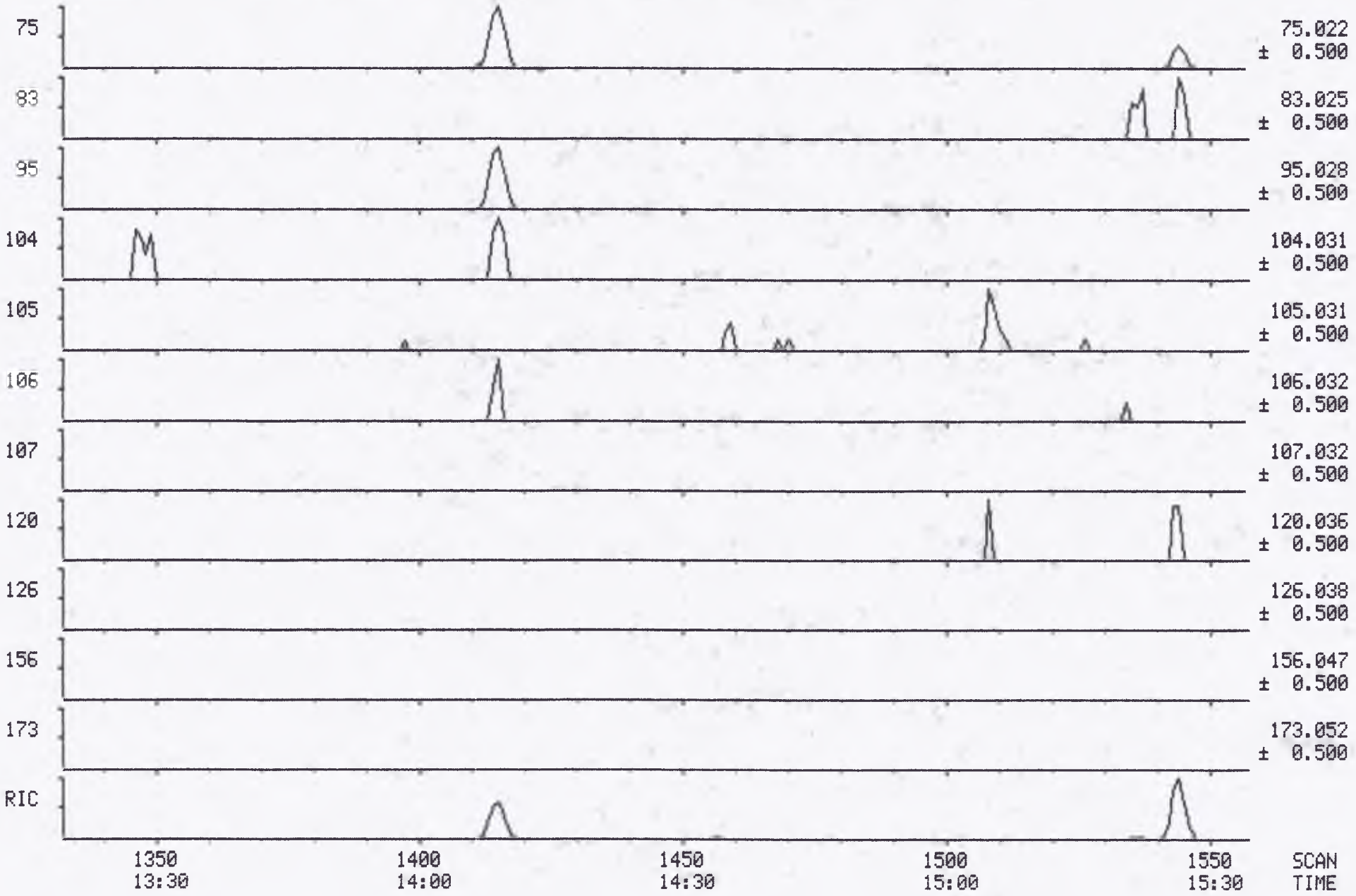
MIDRIC+MASS CHROMATOGRAMS DATA: A130168 #968 SCANS 708 TO 1073
04/10/91 15:54:00 CALI: A130168 #9
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



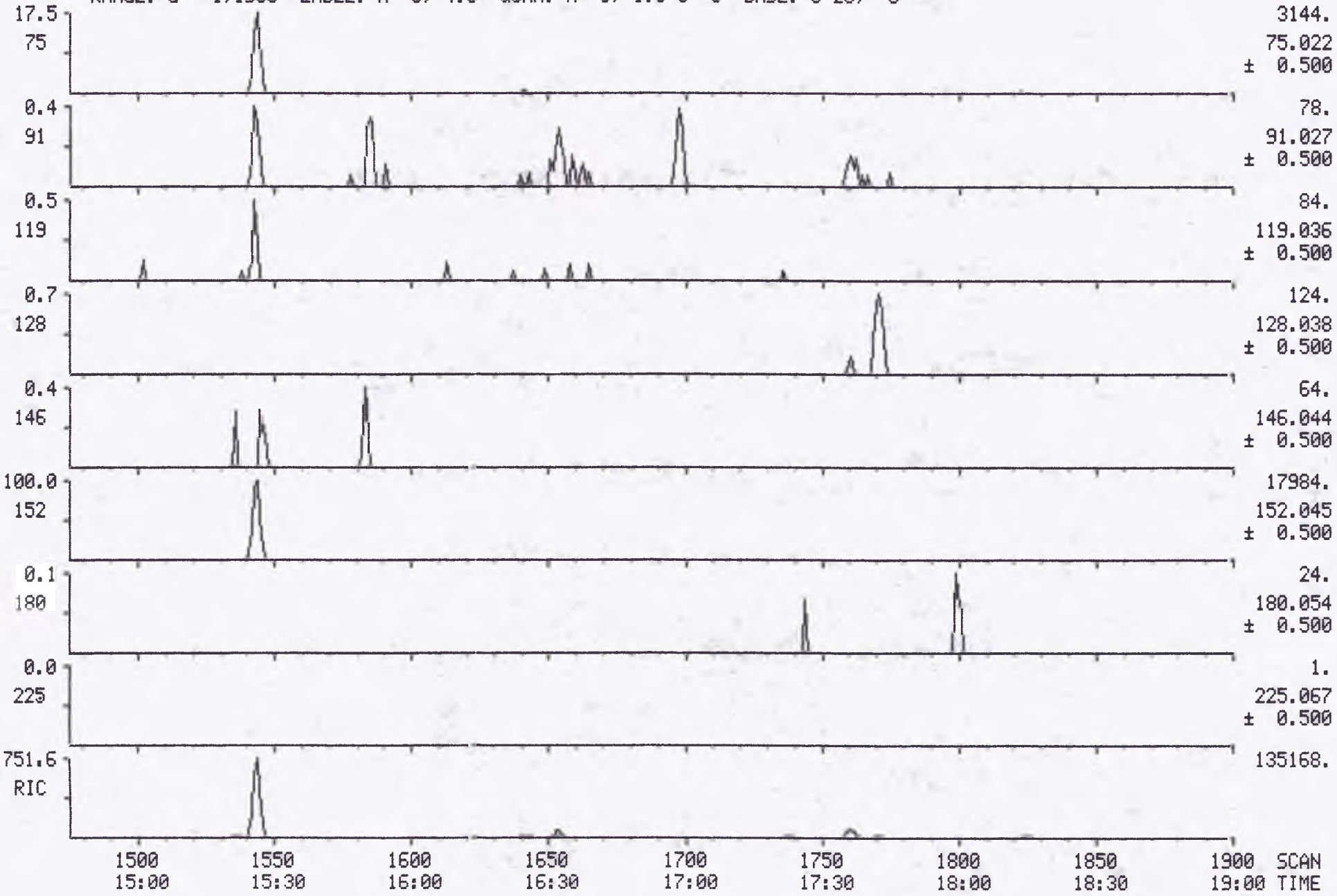
MIDRIC+MASS CHROMATOGRAMS DATA: A130168 #1145 SCANS 1075 TO 1275
04/10/91 15:54:00 CALI: A130168 #9
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



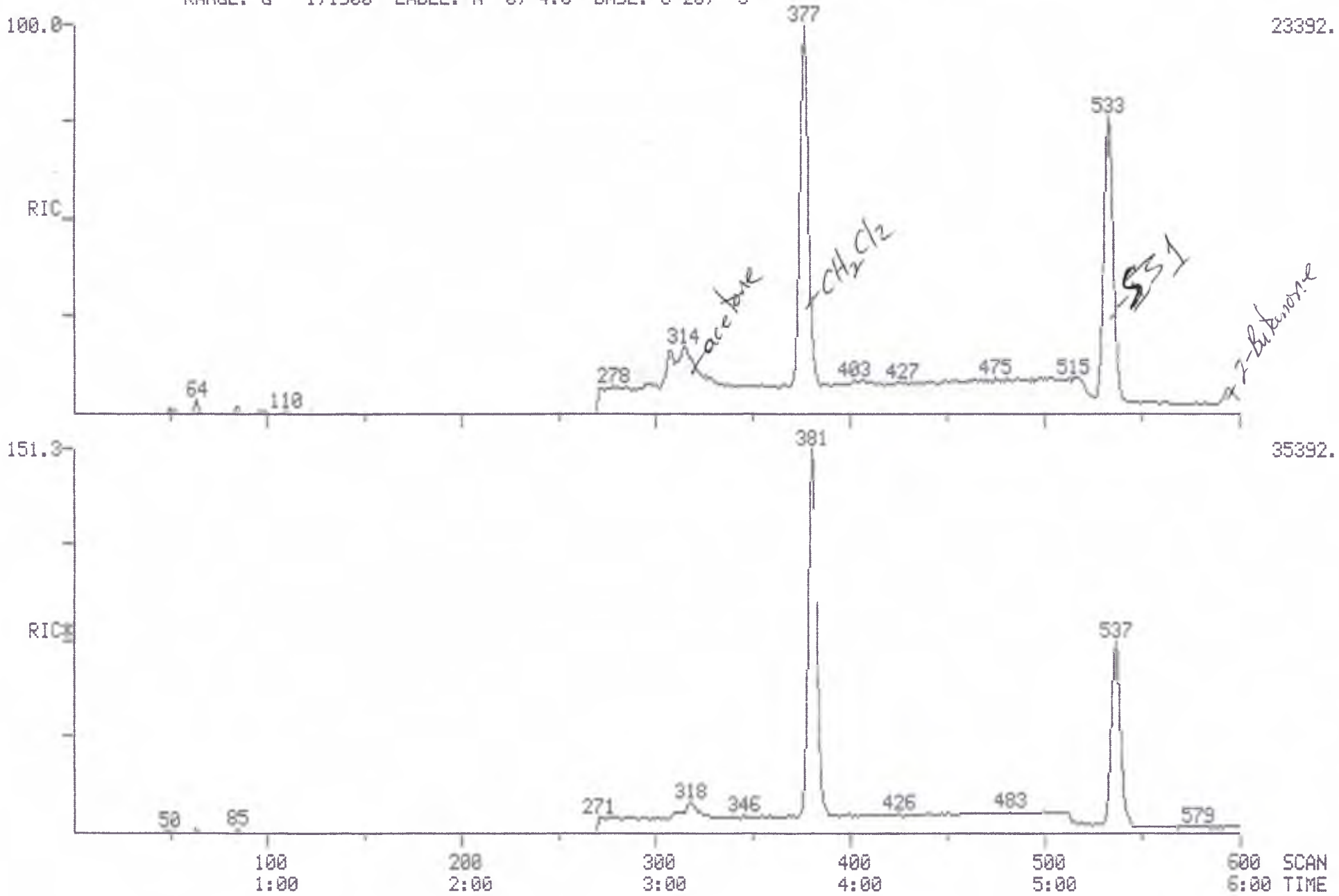
MIDRIC+MASS CHROMATOGRAMS DATA: A130168 #1472 SCANS 1332 TO 1557
04/10/91 15:54:00 CALI: A130168 #9
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



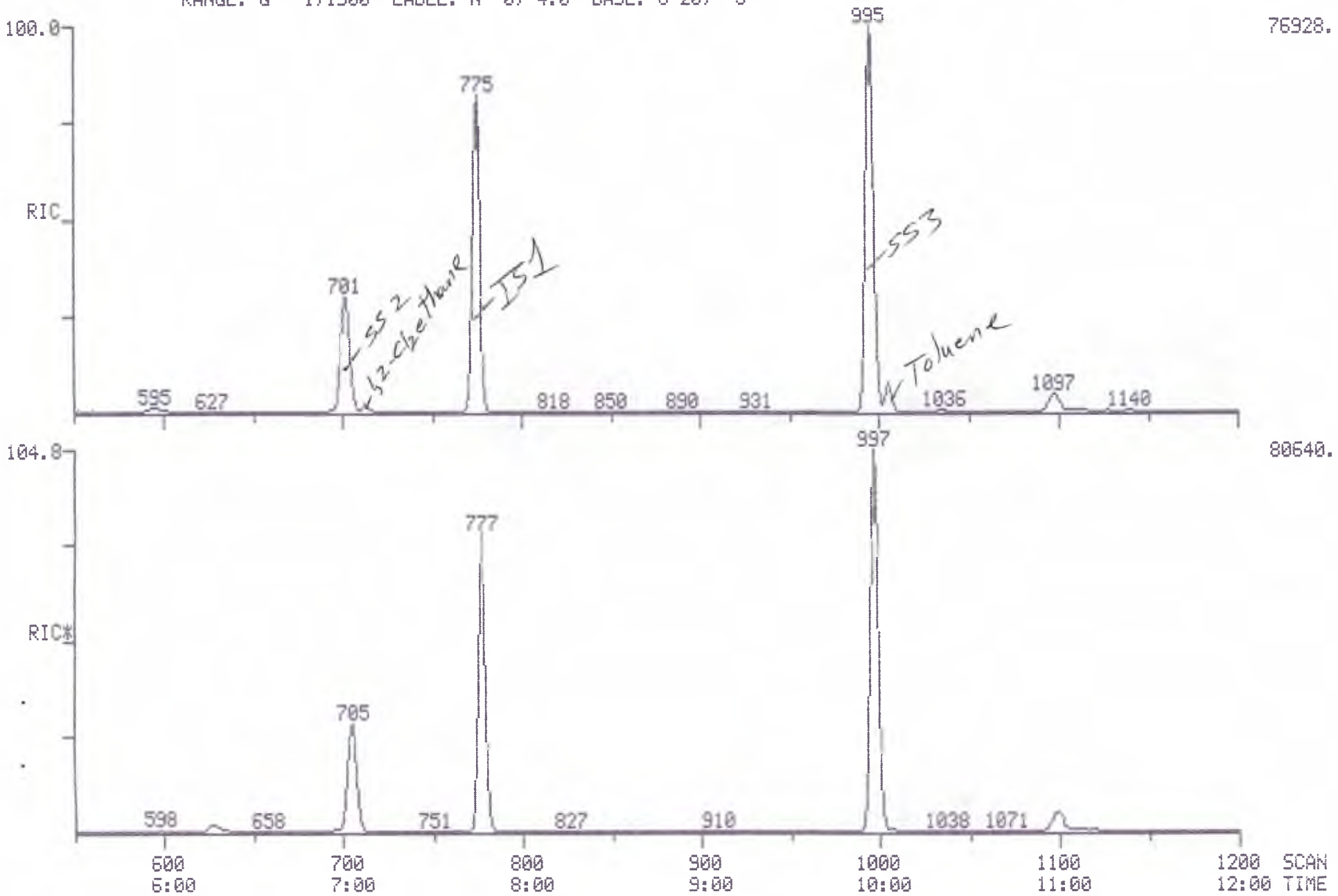
MIDRIC+MASS CHROMATOGRAMS DATA: A130168 #1750 SCANS 1475 TO 1900
04/10/91 15:54:00 CALI: A130168 #9
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



RIC DATA: A130168 #1,ABW1100
04/10/91 15:54:00 SCANS 1 TO 600
SAMPLE: A130168, 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

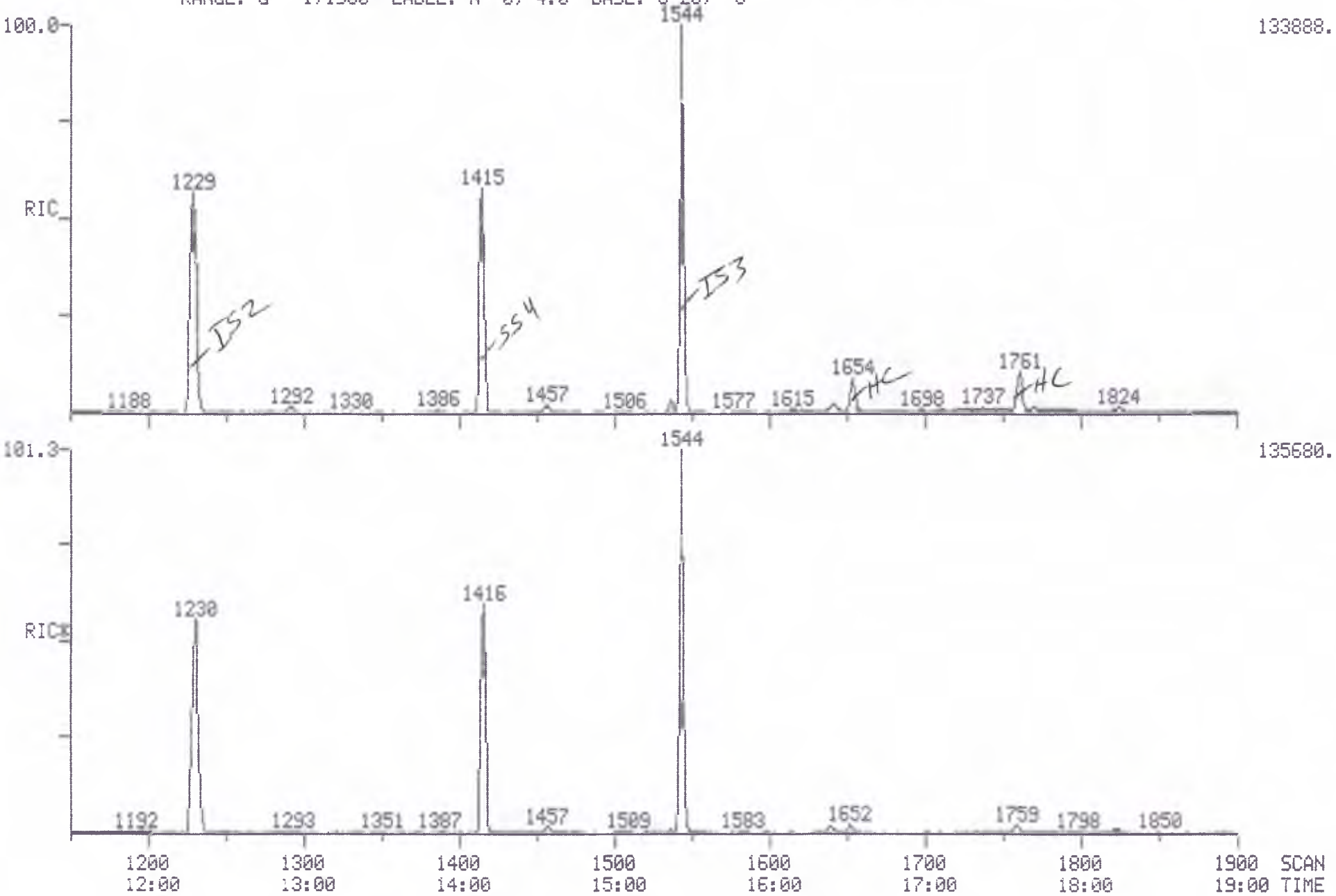


RIC DATA: A130168 #1,ABW1100
04/10/91 15:54:00 SCANS 550 TO 1200
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 BASE: U 20, 3



RIC
04/10/91 15:54:00
SAMPLE: A130168, 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: A130168 #1,ABW1100
SCANS 1150 TO 1900



Quantitation Report File: A130168

Data: A130168.MI
04/10/91 15:54:00
Sample: A130168, 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.: 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)

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	775	7:45	1	1.000	M XX	119466.	100.000 NG	12.20
2	117	1229	12:17	2	1.000	A BV	93158.	100.000 NG	12.20
3	152	1544	15:26	3	1.000	A BB	55186.	100.000 NG	12.20
4	126	533	5:20	1	0.688	M XX	13856.	108.058 NG	13.18
5	65	701	7:01	1	0.905	M XX	44292.	95.484 NG	11.65
6	98	995	9:57	2	0.810	A BB	127682.	92.804 NG	11.32
7	95	1415	14:09	2	1.151	A BB	59376.	93.190 NG	11.37
8	NOT FOUND								
~~9~~	~~50~~	~~85~~	~~0:51~~	~~1~~	~~0.110~~	~~M XX~~	~~875.~~	~~0.830 NG~~	~~0.10~~ u (weak)
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	101	203	2:02	1	0.262	M XX	263.	0.475 NG	0.06 J
14	NOT FOUND								
~~15~~	~~43~~	~~314~~	~~3:08~~	~~1~~	~~0.405~~	~~M XX~~	~~2[illegible]~~	~~[illegible].761 NG~~	~~10.34~~
16	NOT FOUND								
~~17~~	~~76~~	~~308~~	~~3:05~~	~~1~~	~~0.397~~	~~M XX~~	~~8150.~~	~~5.061 NG~~	~~0.62~~
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	62	712	7:07	1	0.919	M XX	3720.	5.524 NG	0.67 J
~~25~~	~~43~~	~~594~~	~~5:56~~	~~1~~	~~0.766~~	~~M XX~~	~~[illegible]~~	~~28.665 NG~~	~~3.50~~
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	1006	10:04	2	0.819	A BB	10150.	4.976 NG	0.61 J
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								

~2x > BK

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	7:53	0.98	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	0.96	0.708	0.97	108.06	100.00	0.116	0.107	1.08
5	7:11	0.98	0.911	0.99	95.48	100.00	0.371	0.388	0.95
6	10:02	0.99	0.813	1.00	92.80	100.00	1.371	1.477	0.93
7	14:11	1.00	1.149	1.00	93.19	100.00	0.637	0.684	0.93
8	1:04		0.135						
9	1:17	0.66	0.162	0.68	0.83	115.00	0.005	0.677	0.01
10	1:26		0.183						
11	1:54		0.241						
12	2:05		0.265						
13	2:29	0.82	0.316	0.83	0.47	100.00	0.002	0.464	0.00
14	3:17		0.418						
15	3:34	0.88	0.452	0.90	84.76	100.00	0.171	0.201	0.85
16	4:07		0.523						
17	3:29	0.89	0.442	0.90	5.06	100.00	0.068	1.348	0.05
18	4:31		0.572						
19	5:08		0.652						
20	5:58		0.756						
21	6:01		0.763						
22	6:20		0.805						
23	6:32		0.829						
24	7:18	0.98	0.926	0.99	5.52	100.00	0.031	0.564	0.06
25	6:08	0.97	0.779	0.98	28.66	100.00	0.051	0.180	0.29
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	0.99	0.821	1.00	4.98	100.00	0.109	2.190	0.05
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: A130168

Data: A130168.MI
04/10/91 15:54:00
Sample: A130168, 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.: 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	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		0.942						
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		1.149						
71	18:04		1.167						

Quantitation Report File: A130168

Data: A130168.TI
04/10/91 15:54:00
Sample: A130168, 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.: 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	~~787~~ 725	7:52	1	1.000	A BB	119465 ~~58.~~	100.000 NG	7.93	
~~2~~ 126	~~NOT FOUND~~ 533						13856			
~~3~~ 65	~~NOT FOUND~~ 701						44292			
4	NOT FOUND									
5	NOT FOUND						875	.834		u weak
6	NOT FOUND									
7	NOT FOUND									
8	NOT FOUND									
9 101	NOT FOUND 203						260	.475		J
10	NOT FOUND									
11	43	~~357~~ 34	3:34	1	0.454	A BB	20402 ~~100.~~	84.761 ~~855.646~~ NG	67.87	u
~~12~~ 84	~~NOT FOUND~~						~~23015~~	~~34.782~~		
~~13~~ 76	NOT FOUND						8150	5.061		u
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
~~20~~ 62	~~NOT FOUND~~ 712						3720	5.524		J
~~21~~ 43	NOT FOUND 595						6150	28.665		u
22	117	1229	12:17	22	1.000	A BV	93158.	100.000 NG	7.93	
23	98	995	9:57	22	0.810	A BB	127682.	92.703 NG	7.35	
24	95	1415	14:09	22	1.151	A BB	59376.	93.203 NG	7.39	
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	NOT FOUND									
30	NOT FOUND									
31	NOT FOUND									
32	NOT FOUND									
~~33~~	75	959	9:35	22	0.780	A BB	~~44.~~	~~0.055 NG~~	~~0.00~~	V2,35
~~34~~	75	1051	10:31	22	0.855	A BB	~~150.~~	~~0.242 NG~~	~~0.02~~	V2,34
35	NOT FOUND									
36	91	1006	10:04	22	0.819	A BB	10150.	~~4.977 NG~~	0.39	J
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
~~40~~	43	1128	11:17	22	0.918	A BB	~~406.~~	~~1.186 NG~~	~~0.09~~	V2,42
41	NOT FOUND									
42	NOT FOUND									
43	NOT FOUND									
44	NOT FOUND									
45	NOT FOUND									
46	NOT FOUND									
47	NOT FOUND									
~~48~~	104	1346	13:28	22	1.095	A BB	~~78.~~	~~0.071 NG~~	~~0.01~~	V2,50
49	NOT FOUND									
50	152	1544	15:26	50	1.000	A BB	55186.	100.000 NG	7.93	

.16.

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		0.708						
3	7:11		0.911						
4	1:04		0.135						
5	1:17		0.162						
6	1:26		0.183						
7	1:54		0.241						
8	2:05		0.265						
9	2:29		0.316						
10	3:17		0.418						
11	3:34	1.00	0.452	1.00	855.65	100.00	1.724	0.202	8.56
12	4:07		0.523						
13	3:29		0.442						
14	4:31		0.572						
15	5:08		0.652						
16	5:58		0.756						
17	6:01		0.763						
18	6:20		0.805						
19	6:32		0.829						
20	7:18		0.926						
21	6:08		0.779						
22	12:21	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
23	10:02	0.99	0.813	1.00	92.70	100.00	1.371	1.478	0.93
24	14:11	1.00	1.149	1.00	93.20	100.00	0.637	0.684	0.93
25	6:40		0.539						
26	6:53		0.558						
27	6:55		0.560						
28	7:13		0.584						
29	8:12		0.664						
30	8:31		0.690						
31	8:43		0.705						
32	9:00		0.729						
33	9:41	0.99	0.784	1.00	0.06	100.00	0.000	0.854	0.00
34	10:35	0.99	0.857	1.00	0.24	100.00	0.002	0.664	0.00
35	9:59		0.808						
36	10:08	0.99	0.821	1.00	4.98	100.00	0.109	2.189	0.05
37	10:52		0.879						
38	10:59		0.889						
39	11:05		0.898						
40	11:19	1.00	0.917	1.00	1.19	100.00	0.004	0.367	0.01
41	11:27		0.927						
42	14:26		1.169						
43	12:24		1.004						
44	12:34		1.018						
45	12:37		1.022						
46	12:49		1.038						
47	13:29		1.091						
48	13:31	1.00	1.095	1.00	0.07	100.00	0.001	1.172	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: A130168

Data: A130168.TI
04/10/91 15:54:00
Sample: A130168, 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.: 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	105	1508	15:05	50	0.977	A BB	~~170.~~	~~0.113 NG~~	~~0.01~~	VZ,61
61	NOT FOUND									
62	NOT FOUND									
63	119	1543	15:26	50	0.999	A BB	~~152.~~	~~0.093 NG~~	~~0.01~~	VZ,64
64	146	1545	15:27	50	1.001	A BB	~~100.~~	~~0.121 NG~~	~~0.01~~	VZ,65
65	146	1583	15:50	50	1.025	A BB	~~124.~~	~~0.168 NG~~	~~0.01~~	VZ,66
66	91	1585	15:51	50	1.027	A BB	~~182.~~	~~0.087 NG~~	~~0.01~~	VZ,67
67	NOT FOUND									
68	NOT FOUND									
69	NOT FOUND									
70	128	1771	17:43	50	1.147	A BB	~~456.~~	~~0.558 NG~~	~~0.04~~	VZ,71
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		0.942						
57	14:43		0.950						
58	14:43		0.951						
59	15:04		0.974						
60	15:08	1.00	0.977	1.00	0.11	100.00	0.003	2.731	0.00
61	15:19		0.989						
62	15:25		0.995						
63	15:28	1.00	0.999	1.00	0.09	100.00	0.003	2.970	0.00
64	15:30	1.00	1.001	1.00	0.12	100.00	0.002	1.500	0.00
65	15:53	1.00	1.026	1.00	0.17	100.00	0.002	1.334	0.00
66	15:53	1.00	1.026	1.00	0.09	100.00	0.003	3.787	0.00
67	16:41		1.078						
68	17:30		1.130						
69	17:41		1.143						
70	17:47	1.00	1.149	1.00	0.56	100.00	0.008	1.416	0.01
71	18:04		1.167						

PROCEDURE: TCA DIAGNOSTIC REPORT 4/10/91 17:34:24
DATA FILE:. A13Q168
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	0	1	0	8	1	1	0	XZ1/ZZ1
1	1	1	0	8	1	1	0	XZ1/ZZ2
1	1	1	0	7	1	1	0	XZ1/ZZ3
1	1	1	0	8	3	1	18	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, 5 FOUND

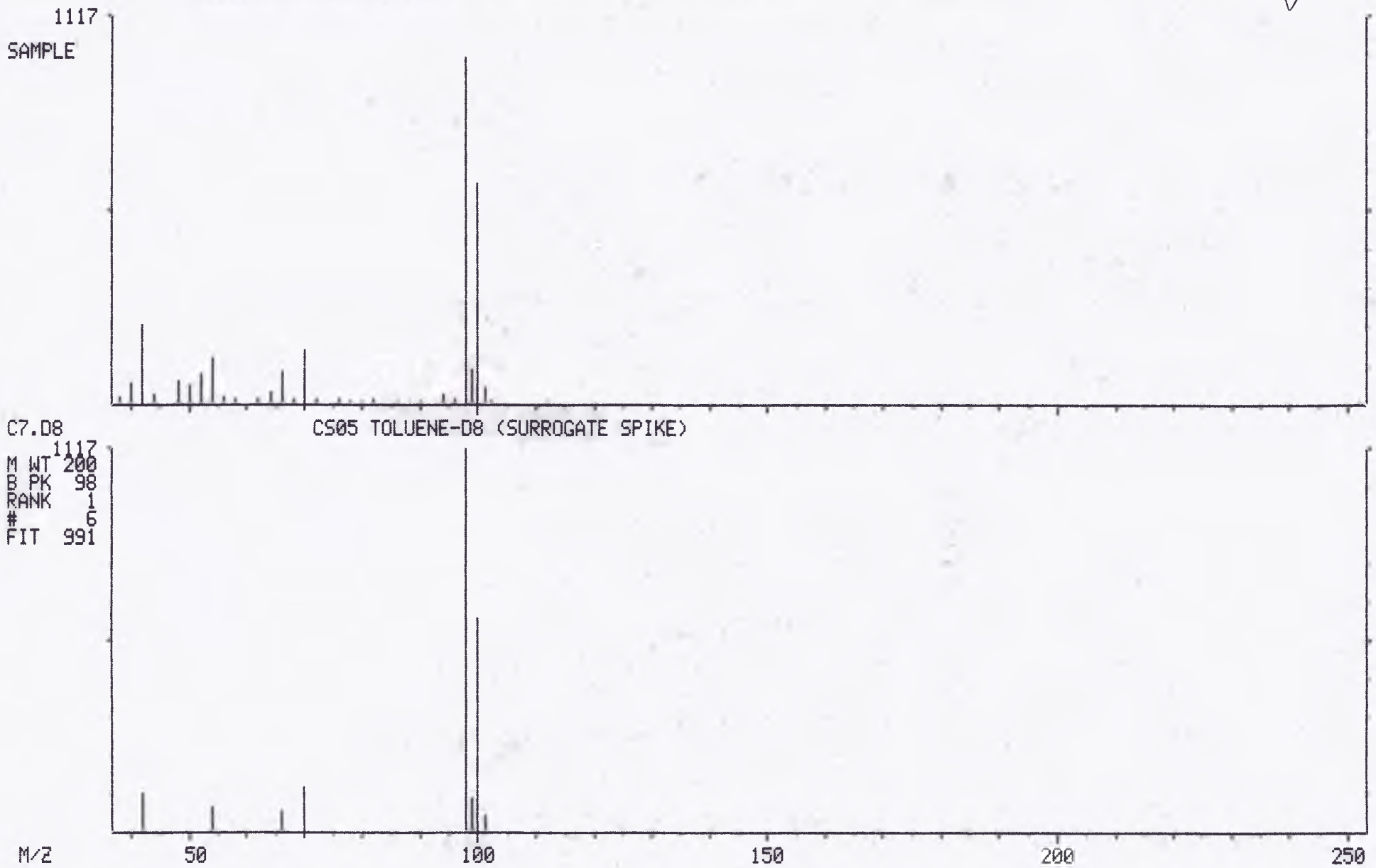
< COMPOUND >				< ---------- SEARCH ---------- >					< SAT >	< ------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VZ	1	-788	788	.	.	.	.	.	114	787	.	1
2	VZ	4	-558	558	.	.	.	.	.	126	.	.	.
3	VZ	5	-718	718	.	.	.	.	.	65	.	.	.
4	VZ	8	-106	106	.	.	.	.	.	85	.	.	.
5	VZ	9	-128	128	.	.	.	.	.	50	.	.	.
6	VZ	10	-144	144	.	.	.	.	.	62	.	.	.
7	VZ	11	-190	190	.	.	.	.	.	94	.	.	.
8	VZ	12	-209	209	203	.	.	.	.	64	.	.	.
9	VZ	13	-249	249	203 ?	.	.	.	.	101	.	.	.
10	VZ	14	-329	329	.	.	.	.	.	96	.	.	.
11	VZ	15	-356	356	.	.	.	.	.	43	357	.	1
12	VZ	16	-412	412	.	.	.	.	.	84	.	.	.
13	VZ	17	-348	348	.	.	.	.	.	76	.	.	.
14	VZ	18	-451	451	.	.	.	.	.	96	.	.	.
15	VZ	19	-514	514	.	.	.	.	.	63	.	.	.
16	VZ	20	-596	596	.	.	.	.	.	77	.	.	.
17	VZ	21	-601	601	.	.	.	.	.	96	.	.	.
18	VZ	22	-634	634	.	.	.	.	.	128	.	.	.
19	VZ	23	-653	653	.	.	.	.	.	83	.	.	.
20	VZ	24	-730	730	712	.	.	.	.	62	.	.	.
21	VZ	26	-614	614	.	.	.	.	.	43	.	.	.
22	VZ	2	-1235	1229	1229	.	1	961	.	117	1229	.	1
23	VZ	6	-1004	995	995	.	1	981	.	98	995	.	1
24	VZ	7	-1419	1415	1415	.	1	986	.	95	1415	.	1
25	VZ	27	-666	653	.	.	.	.	.	97	.	.	.
26	VZ	28	-689	676	.	.	.	.	.	117	.	.	.
27	VZ	29	-692	679	.	.	.	.	.	75	.	.	.
28	VZ	30	-721	709	.	.	.	.	.	78	.	.	.
29	VZ	31	-820	809	.	.	.	.	.	130	.	.	.
30	VZ	32	-852	843	.	.	.	.	.	63	.	.	.
31	VZ	33	-871	862	.	.	.	.	.	93	.	.	.
32	VZ	34	-900	891	.	.	.	.	.	83	.	.	.
33	VZ	35	-968	960	.	.	.	.	.	75	959	.	1
34	VZ	36	-1059	1051	.	.	.	.	.	75	1051	.	1
35	VZ	37	-998	990	.	.	.	.	.	43	.	.	.
36	VZ	38	-1014	1006	1006	.	1	991	.	91	1006	.	1
37	VZ	39	-1086	1081	.	.	.	.	.	97	.	.	.
38	VZ	40	-1098	1093	.	.	.	.	.	164	.	.	.
39	VZ	41	-1109	1104	.	.	.	.	.	76	.	.	.
40	VZ	42	-1132	1127	.	.	.	.	.	43	1128	.	1
41	VZ	43	-1145	1139	.	.	.	.	.	129	.	.	.
42	VZ	44	-1444	1437	.	.	.	.	.	83	.	.	.

44	VZ	46	-1257	1251	.	.	.	.	.	131	.	.	.
45	VZ	47	-1262	1256	.	.	.	.	.	91	.	.	.
46	VZ	48	-1282	1276	.	.	.	.	.	106	.	.	.
47	VZ	49	-1348	1341	.	.	.	.	.	106	.	.	.
48	VZ	50	-1352	1345	.	.	.	.	.	104	1346	.	1
49	VZ	51	-1157	1151	.	.	.	.	.	107	.	.	.
50	VZ	3	-1548	1544	1544	.	1	969	.	152	1544	.	1
51	VZ	52	-1376	1372	.	.	.	.	.	173	.	.	.
52	VZ	53	-1401	1397	.	.	.	.	.	105	.	.	.
53	VZ	54	-1433	1429	.	.	.	.	.	156	.	.	.
54	VZ	55	-1445	1441	.	.	.	.	.	75	.	.	.
55	VZ	56	-1451	1447	.	.	.	.	.	120	.	.	.
56	VZ	57	-1458	1454	.	.	.	.	.	126	.	.	.
57	VZ	58	-1471	1467	.	.	.	.	.	126	.	.	.
58	VZ	59	-1472	1468	.	.	.	.	.	105	.	.	.
59	VZ	60	-1507	1503	.	.	.	.	.	119	.	.	.
60	VZ	61	-1513	1509	.	.	.	.	.	105	1508	.	1
61	VZ	62	-1531	1527	.	.	.	.	.	105	.	.	.
62	VZ	63	-1541	1537	.	.	.	.	.	146	.	.	.
63	VZ	64	-1547	1543	.	.	.	.	.	119	1543	.	1
64	VZ	65	-1550	1546	.	.	.	.	.	146	1545	.	1
65	VZ	66	-1588	1584	.	.	.	.	.	146	1583	.	1
66	VZ	67	-1589	1585	.	.	.	.	.	91	1585	.	1
67	VZ	68	-1669	1665	.	.	.	.	.	75	.	.	.
68	VZ	69	-1750	1745	.	.	.	.	.	180	.	.	.
69	VZ	70	-1769	1764	.	.	.	.	.	225	.	.	.
70	VZ	71	-1778	1773	.	.	.	.	.	128	1771	.	1
71	VZ	72	-1807	1802	.	.	.	.	.	180	.	.	.

MID LIBRARY SEARCH
04/10/91 15:54:00 + 9:57
SAMPLE: A130168, 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: A130168 # 995
CALI: A130168 # 9

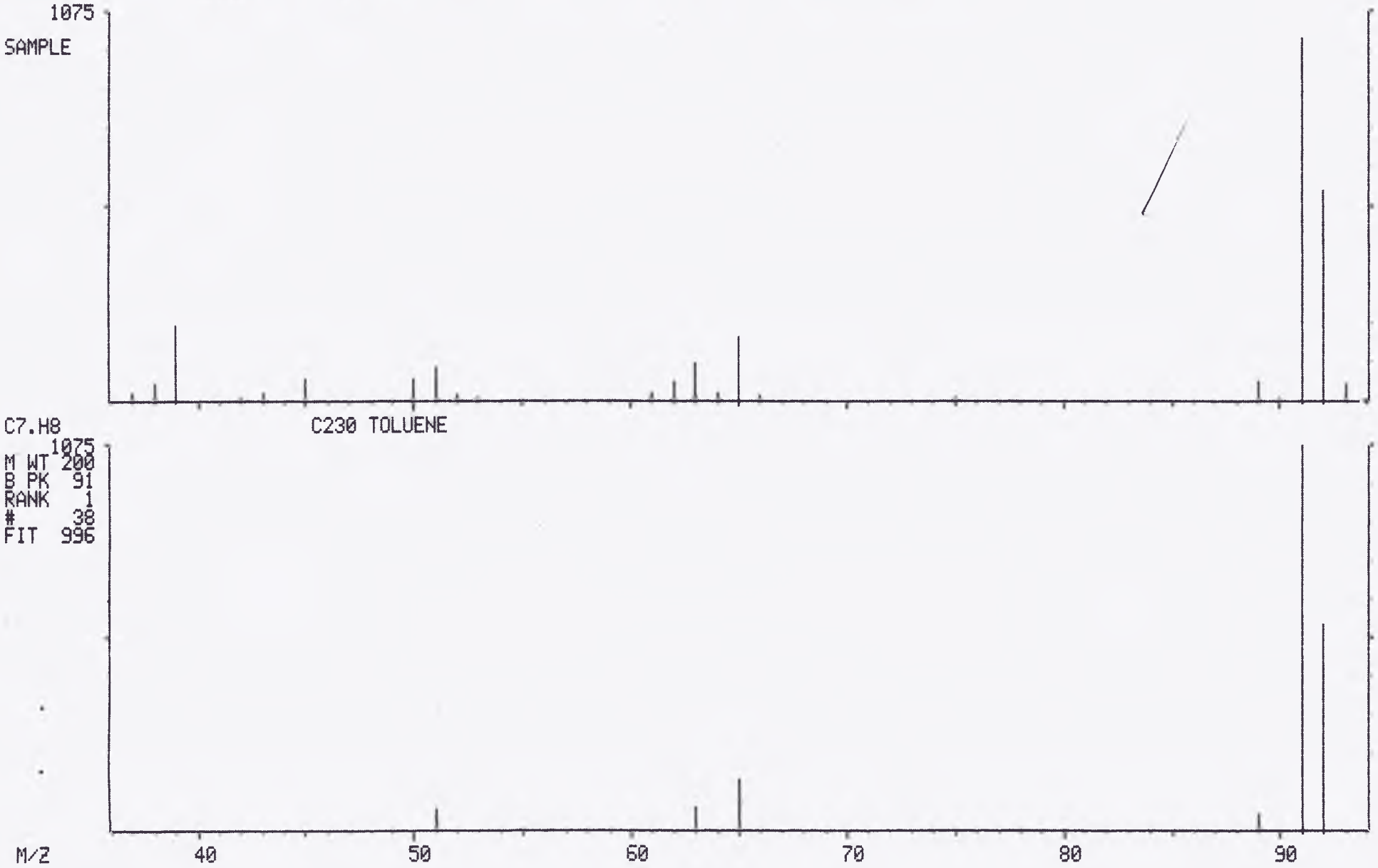
BASE M/Z: 98
RIC: 73471.



MID LIBRARY SEARCH
04/10/91 15:54:00 + 10:04
SAMPLE: A130168, 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: A130168 #1006
CALI: A130168 # 9

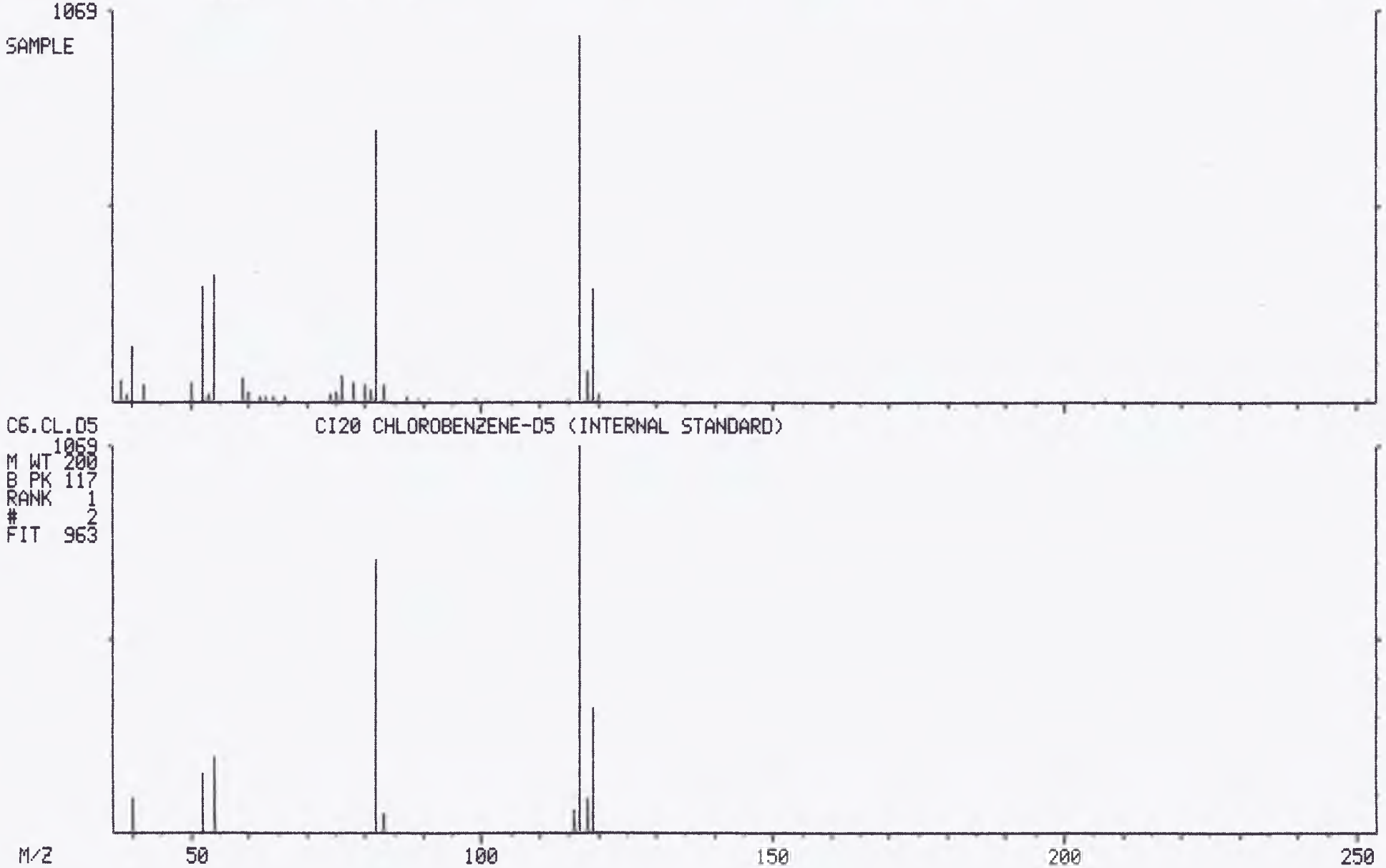
BASE M/Z: 91
RIC: 5111.



MID LIBRARY SEARCH
04/10/91 15:54:00 + 12:17
SAMPLE: A130168, 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: A130168 #1229
CALI: A130168 # 9

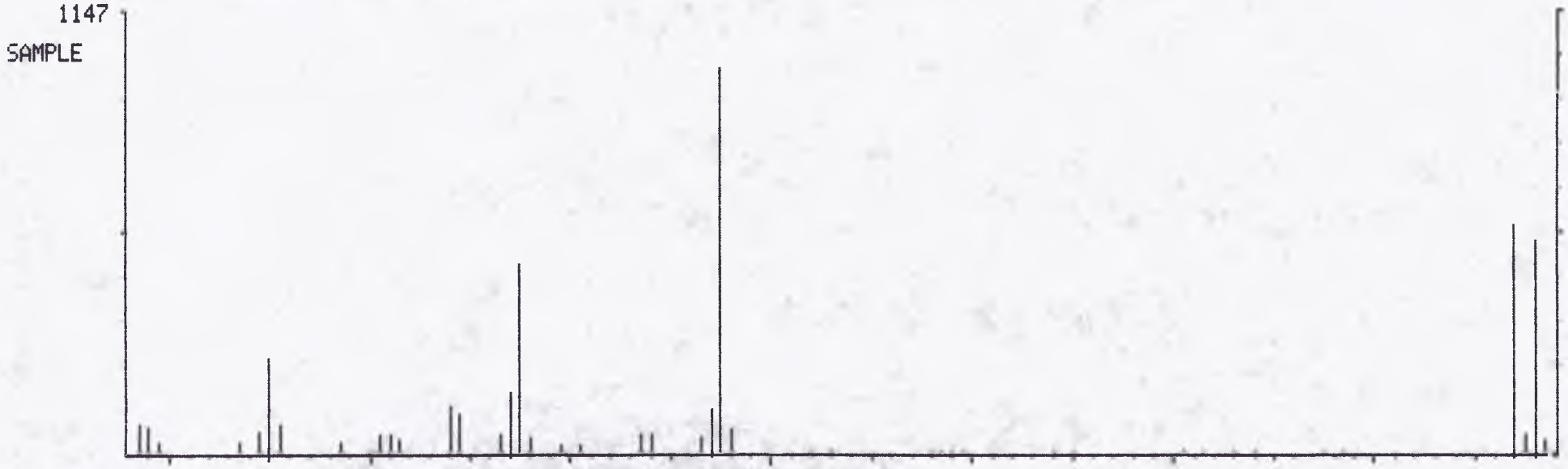
BASE M/Z: 117
RIC: 71807.



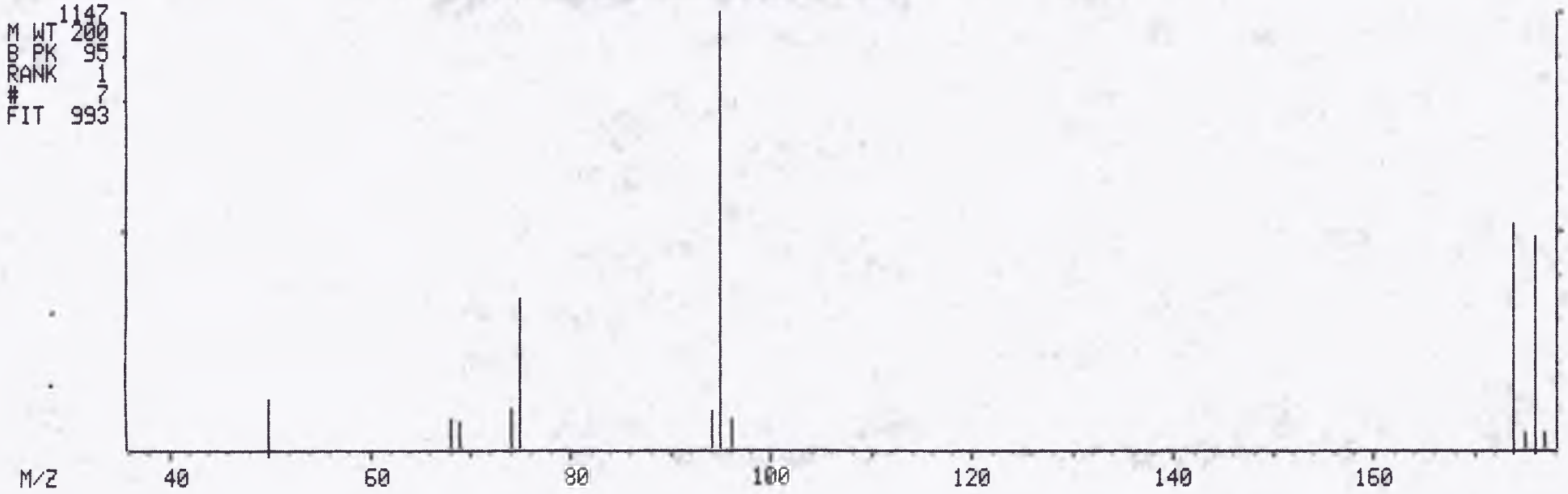
MID LIBRARY SEARCH
04/10/91 15:54:00 + 14:09
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130168 #1415
CALI: A130168 # 9

BASE M/Z: 95
RIC: 72063.



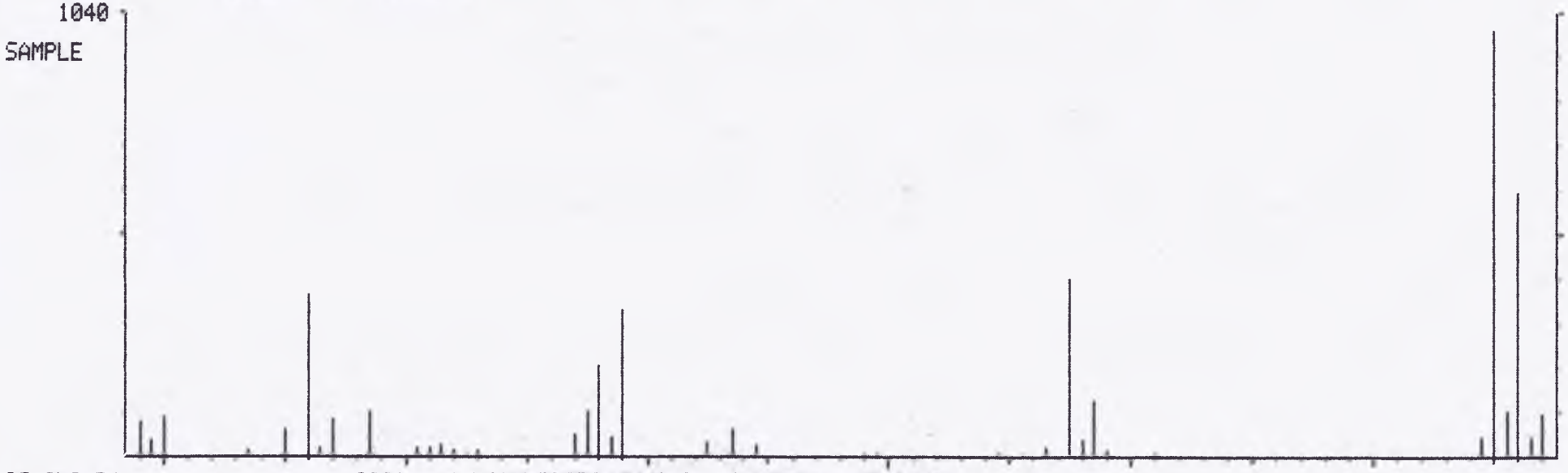
C6.H4.BR.F CS10 4-BROMOFLUOROBENZENE (SURROGATE SPIKE)



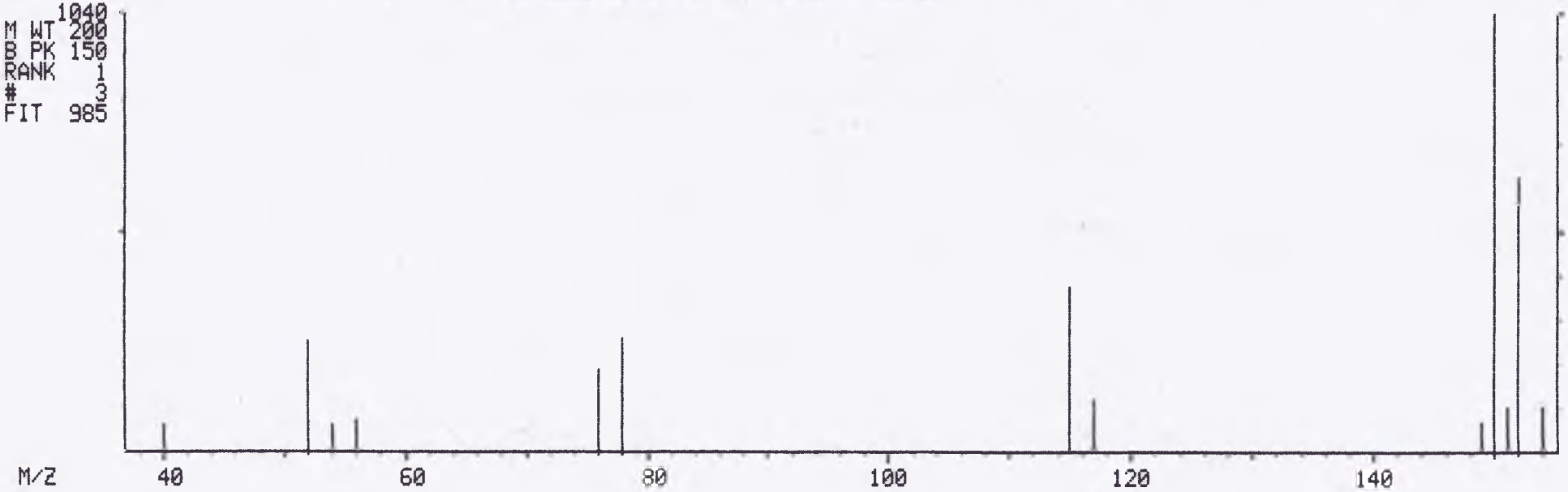
MID LIBRARY SEARCH
04/10/91 15:54:00 + 15:26
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)

DATA: A130168 #1544
CALI: A130168 # 9

BASE M/Z: 150
RIC: 119935.



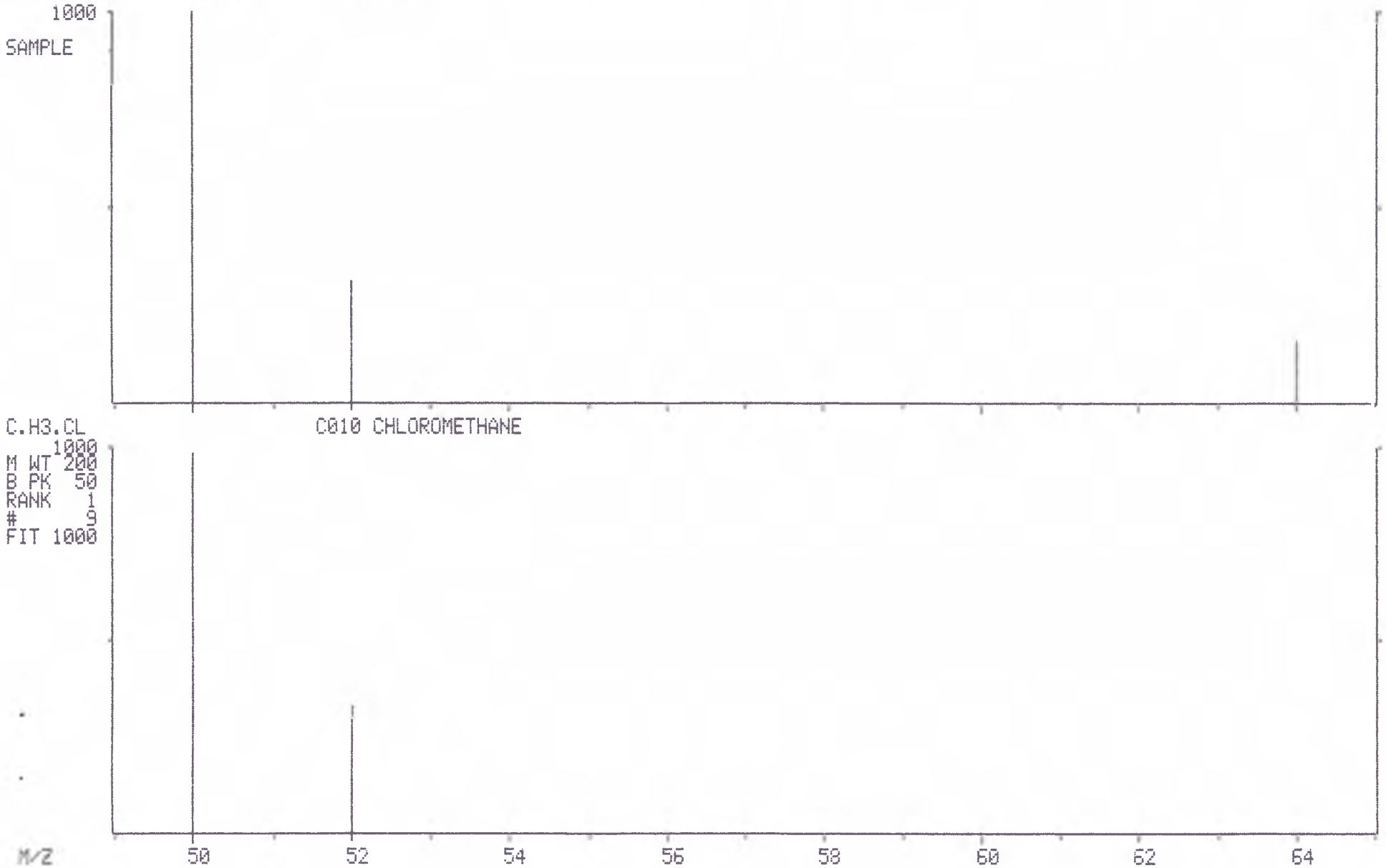
C6.CL2.D4 CI01 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)



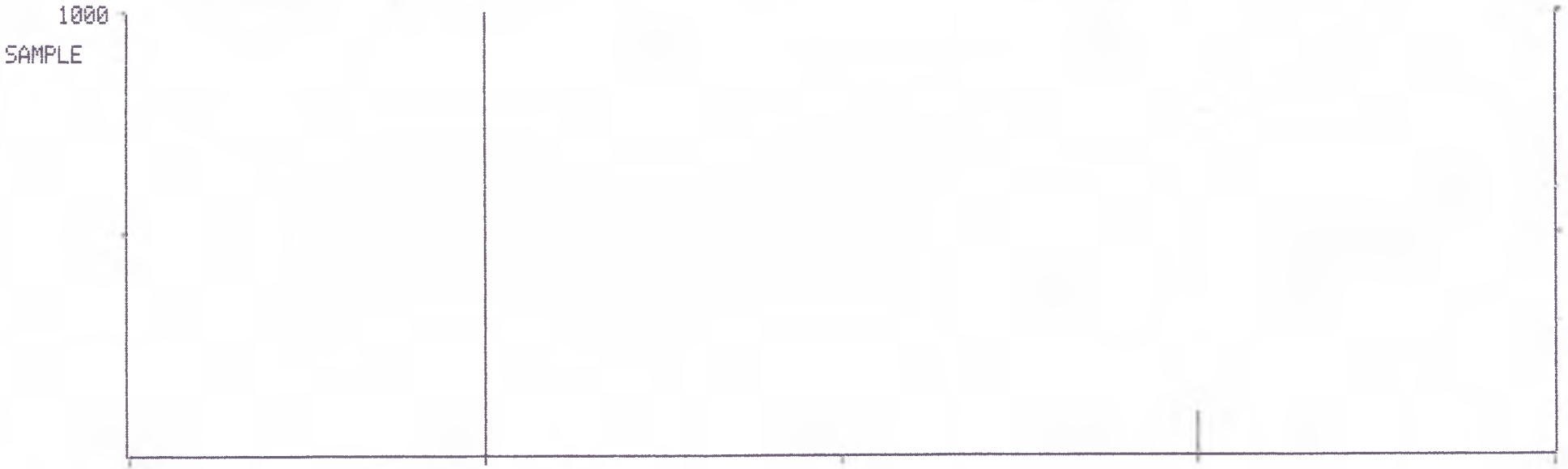
Input file: A130168.SL, Output file: A130168.SL

533	775	1097	1414	1457	1761	1654
SS	ID	indk	SS	indk	HC	

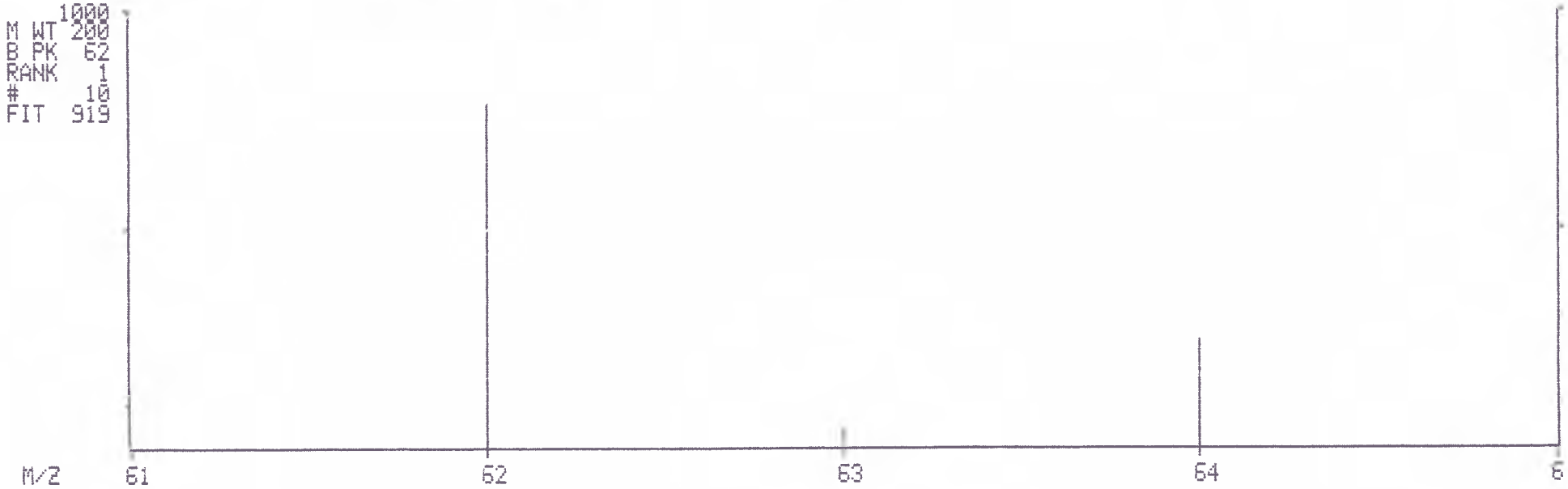
LIBRARY SEARCH DATA: A130168 # 85 BASE M/Z: 50
04/10/91 15:54:00 + 0:51 RIC: 383.
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)



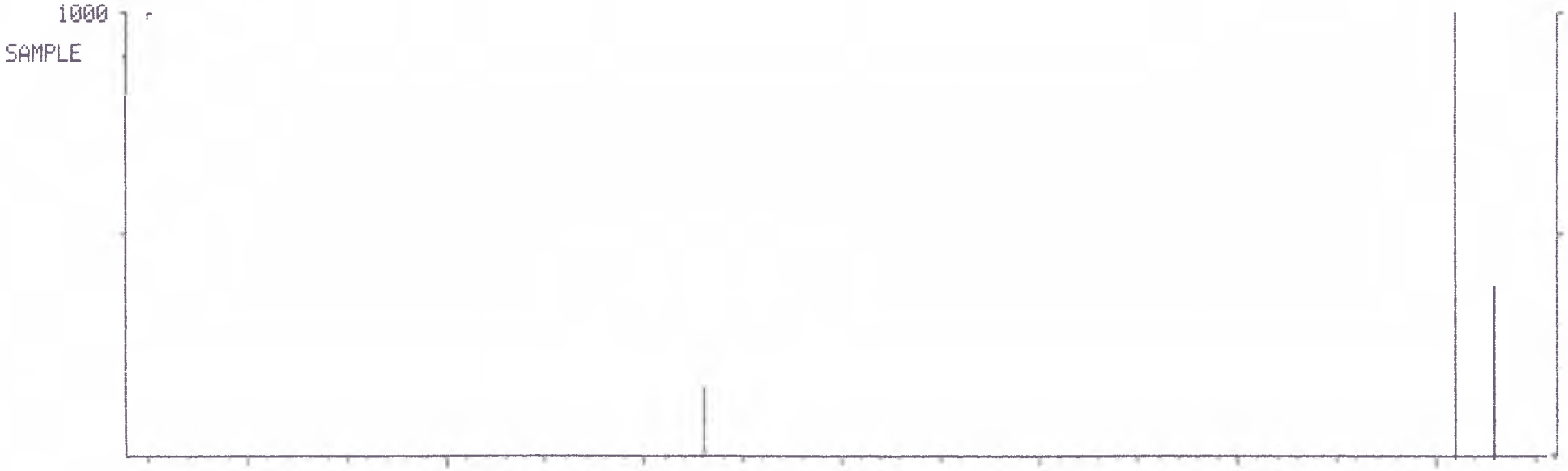
LIBRARY SEARCH DATA: A130168 # 99 BASE M/Z: 62
04/10/91 15:54:00 + 0:59 RIC: 58.
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)



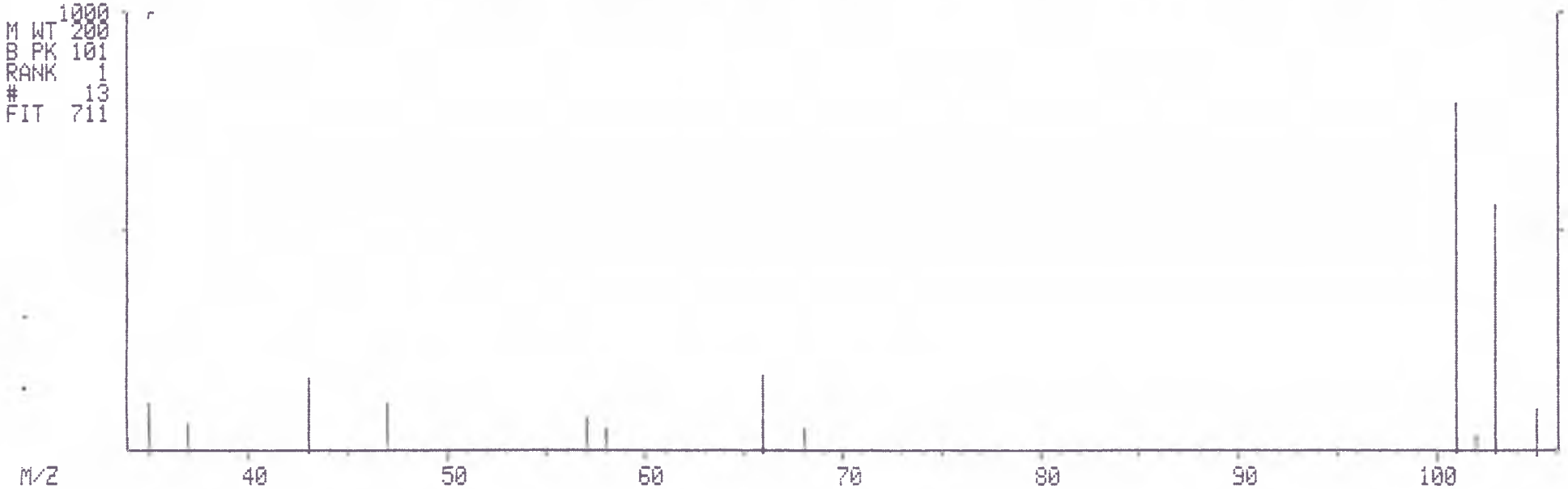
C2.H3.CL C020 VINYL CHLORIDE



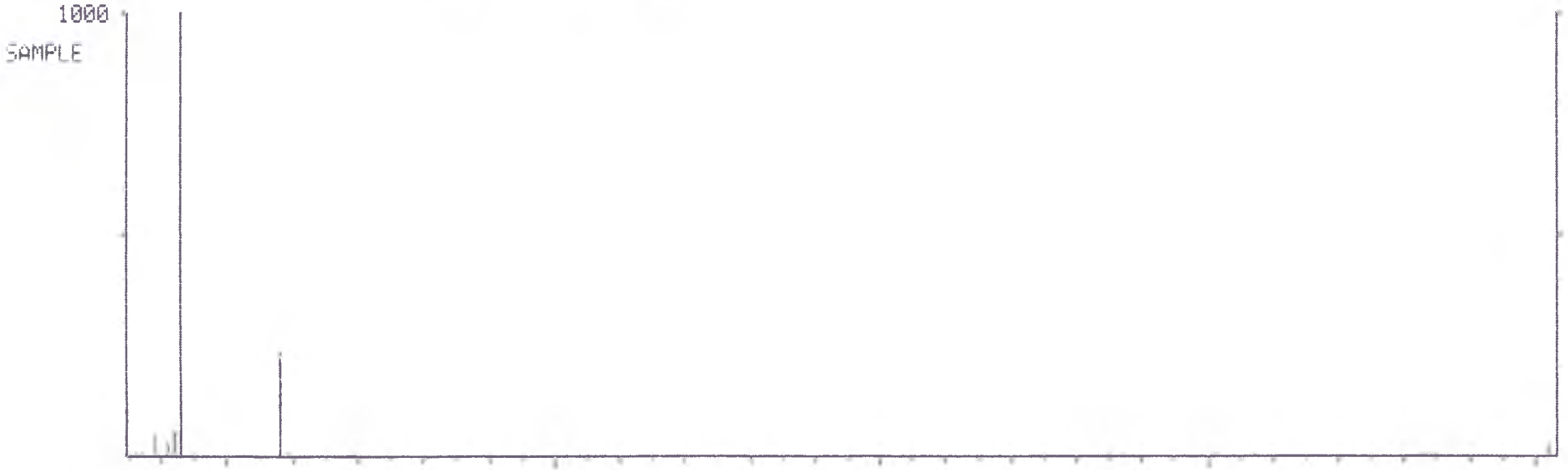
LIBRARY SEARCH DATA: A130168 # 203 BASE M/Z: 101
04/10/91 15:54:00 + 2:02 RIC: 59.
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
ENHANCED (S 15B 2N 0T)



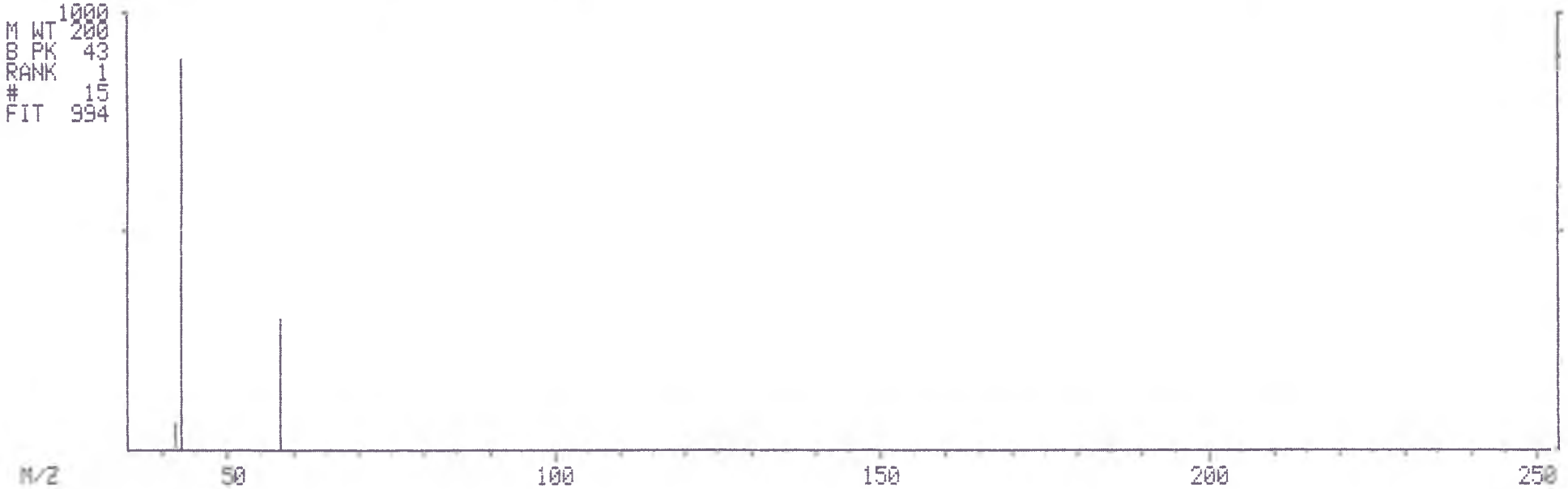
C.CL3.F C026 TRICHLOROFLUOROMETHANE



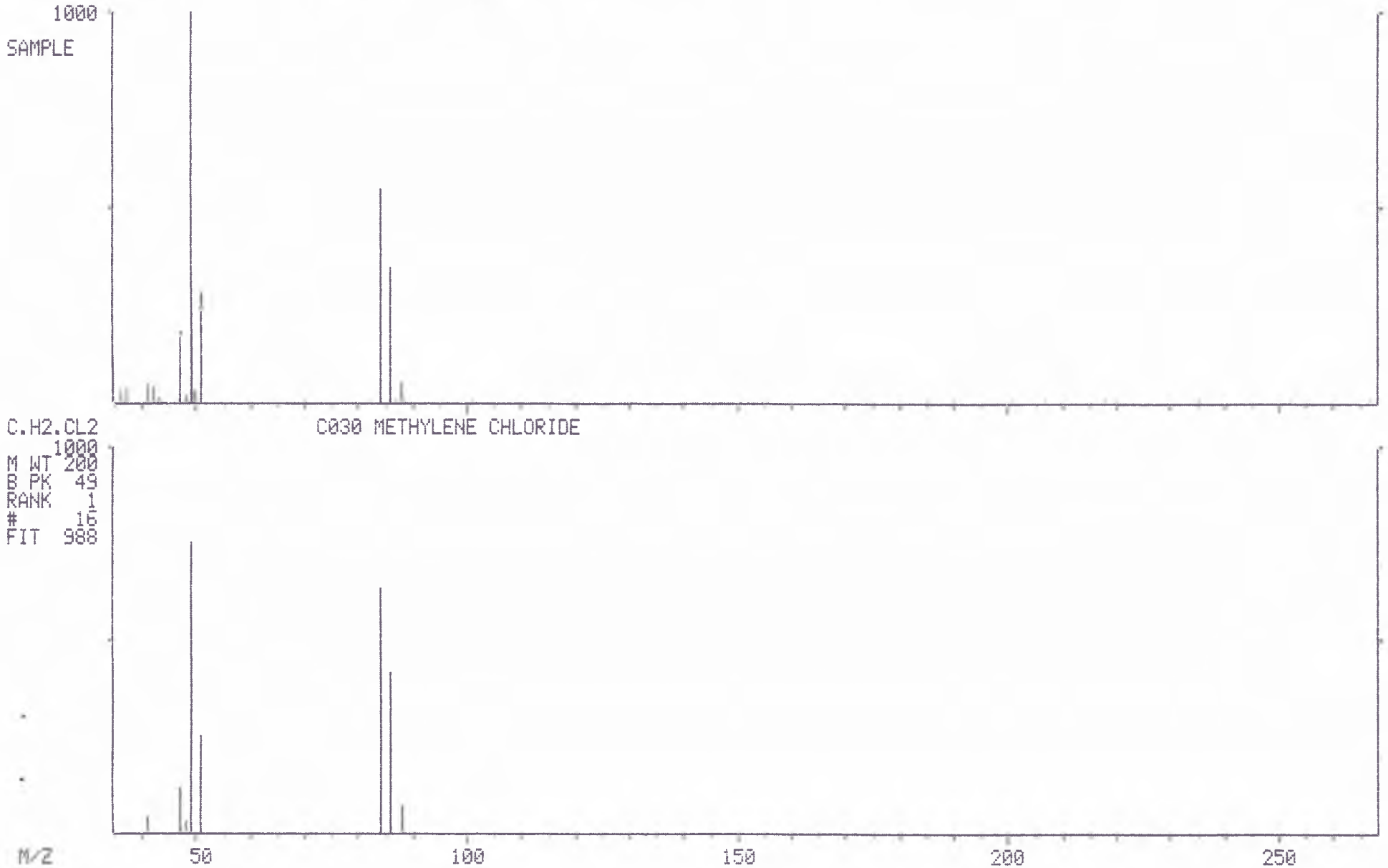
LIBRARY SEARCH DATA: A130168 # 317 BASE M/Z: 43
04/10/91 15:54:00 + 3:10 RIC: 21023.
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
312 TO # 323 SUMMED - # 305 X1.00



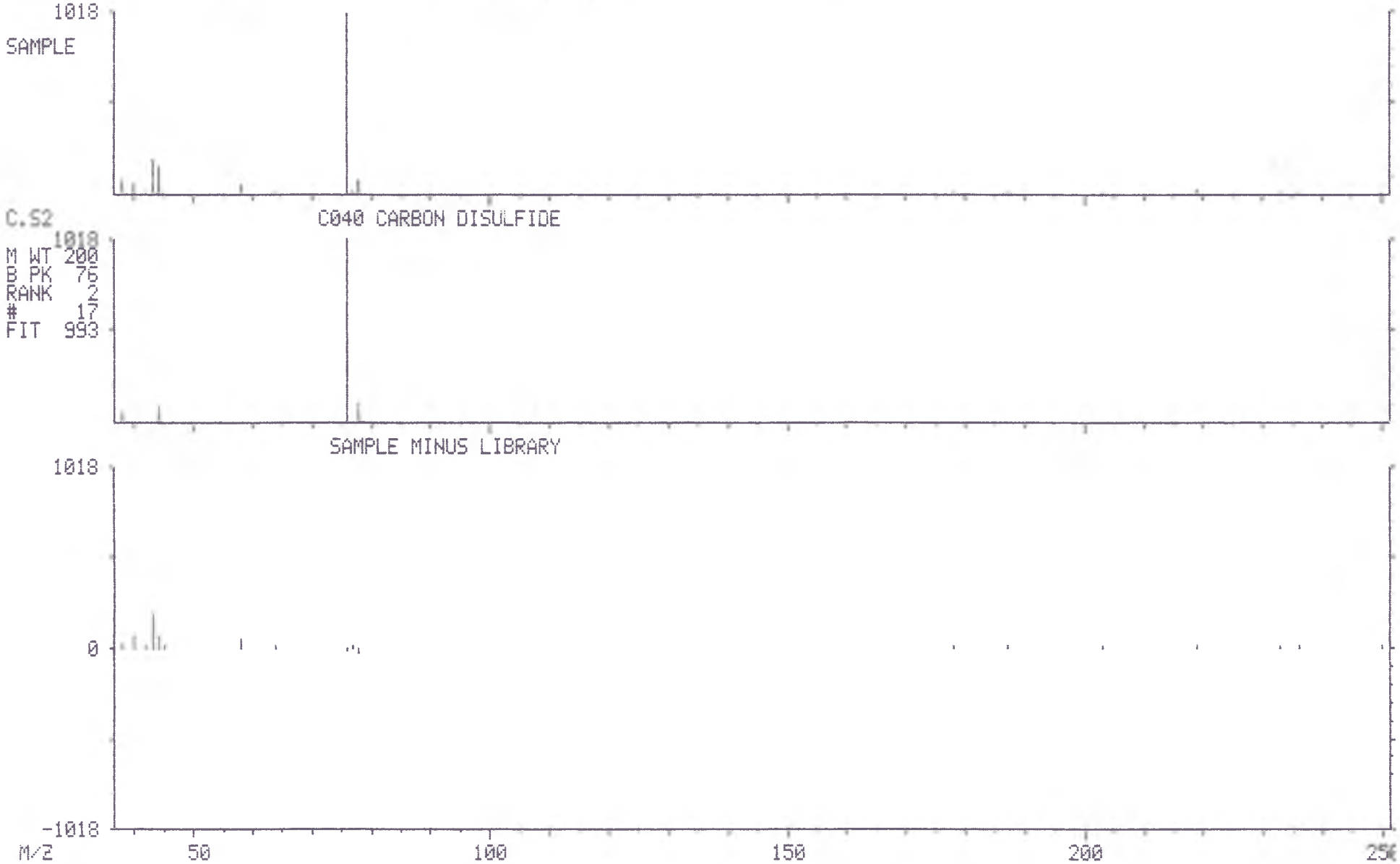
C3.H6.O C035 ACETONE



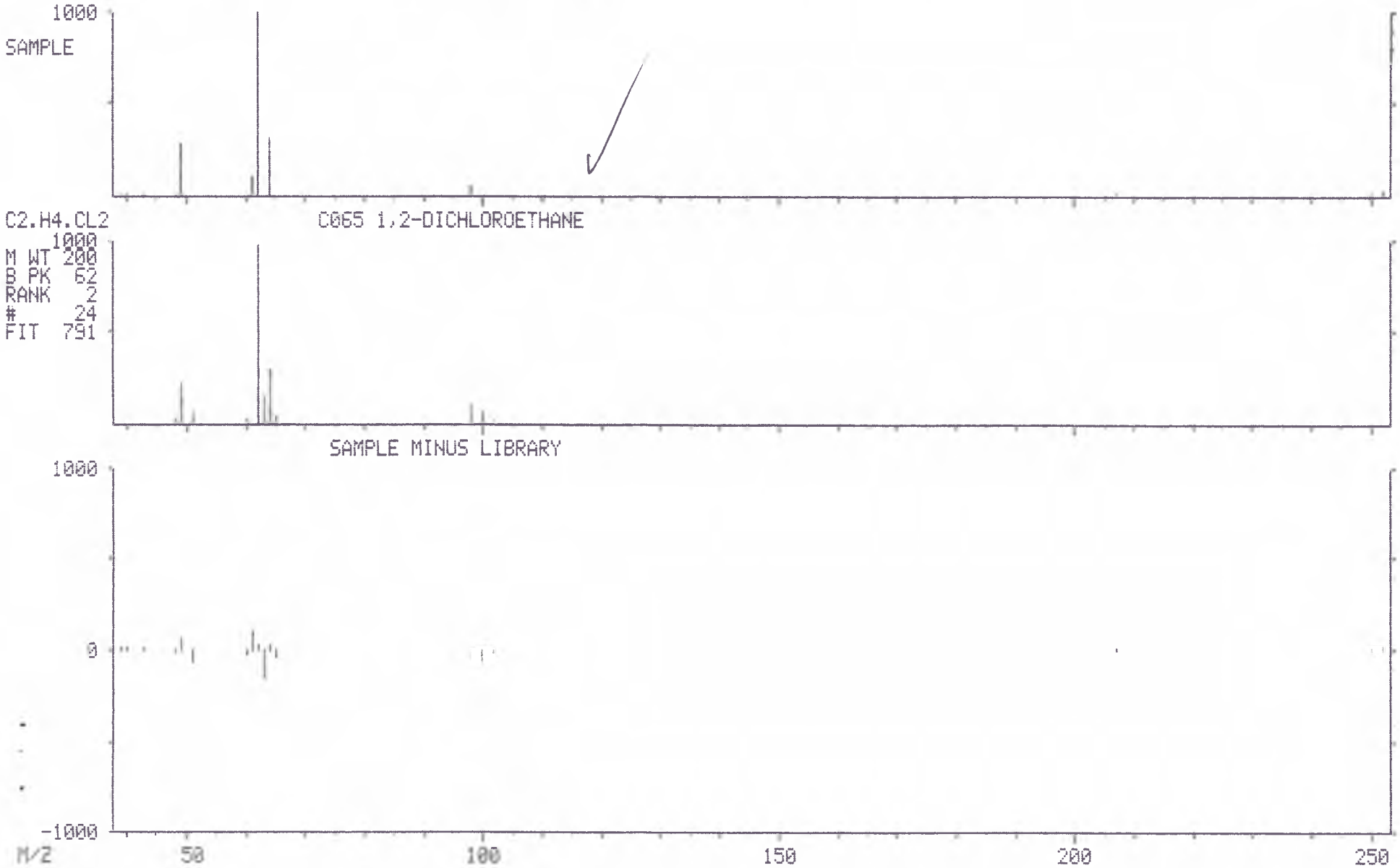
LIBRARY SEARCH DATA: A130168 # 376 BASE M/Z: 49
04/10/91 15:54:00 + 3:46 RIC: 102783.
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
373 TO # 380 SUMMED - # 366 X1.00



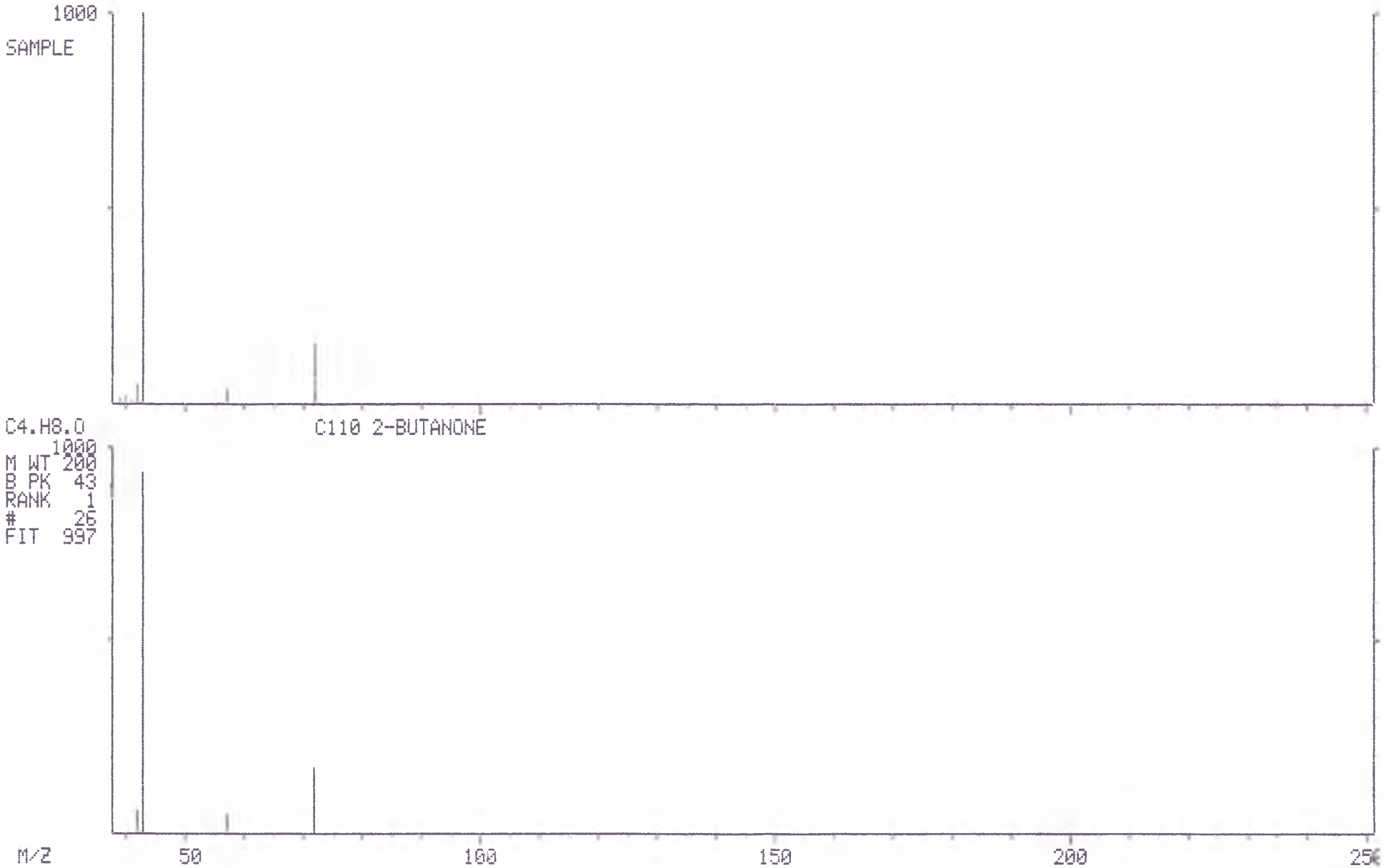
LIBRARY SEARCH DATA: A130168 # 307 BASE M/Z: 76
04/10/91 15:54:00 + 3:04 RIC: 13295.
SAMPLE: A130168, 10ML+IS+SS, RIDGEFIELD BRICK & TILE, HWD-127A/AGDD3A
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
304 TO # 311 SUMMED - # 301 X1.00



LIBRARY SEARCH DATA: A130168 # 712 BASE M/Z: 62
04/10/91 15:54:00 + 7:07 RIC: 5839.
SAMPLE: A130168, 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
709 TO # 715 SUMMED - # 706 X1.00



LIBRARY SEARCH DATA: A130168 # 595 BASE M/Z: 43
04/10/91 15:54:00 + 5:57 RIC: 5951.
SAMPLE: A130168, 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
592 TO # 599 SUMMED - # 587 X1.00



DATA FILE: D:A130168.TI LIBRARY SEARCHED: LIBRARYVZ

ENTRY	SCAN	PURITY	FIT	# LIB ENTRIES WITH FIT > 650	# OF SATURATED PEAKS IN SCAN
1	1654	741	947	66	0
2	1761	708	968	121	0

Quantitation Report File: CAS

Data: A130168.TI
04/10/91 15:54:00
Sample: A130168, 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.: AVW1100

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

No	CAS #	Name
1	124-19-6	NONANAL
2	7320-37-8	OXIRANE, TETRADECYL-

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	TOT	1654	16:32	2	0.939	A BB	26832.	79.901	44.41
2	TOT	1761	17:37	2	1.000	A BB	33581.	100.000	55.59

Quantitation Report File: TENT

Data: A130168.TI
04/10/91 15:54:00
Sample: A130168, 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.: AVW1100

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

No	Name
1	CI20 CHLOROBENZENE-D5 (INTERNAL STANDARD)
2	CI10 1,4-DIFLUOROBENZENE (INTERNAL STANDARD)
3	CI01 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	TOT	1229	12:17	1	1.000	A BB	283477.	100.000 NG	33.33
2	TOT	775	7:45	2	1.000	M BB	241726.	100.000 NG	33.33
3	TOT	1544	15:26	3	1.000	M BB	310054.	100.000 NG	33.33

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	12:22	0.99	1.000	1.00	100.00	100.00	1.000	1.000	1.00
2	7:53	0.98	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

MID Library Search Data: A130168 #1654 Base m/z: 41
04/10/91 15:54:00 + 16:32 Cali: A130168 # 9 RIC: 10095.
Sample: A130168, 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 OT)

42222 spectra in LIBRARYNB searched for maximum FIT
66 matched at least 8 of the 16 largest peaks in the unknown
66 had Fit at least 650

Rank	In.	Name
1	6298	NONANAL
2	13832	DODECANAL
3	5432	1,6-HEPTADIENE, 2,5,5-TRIMETHYL-
4	4862	HEPTANE, 2-CHLORO-
5	7877	1-UNDECYNE

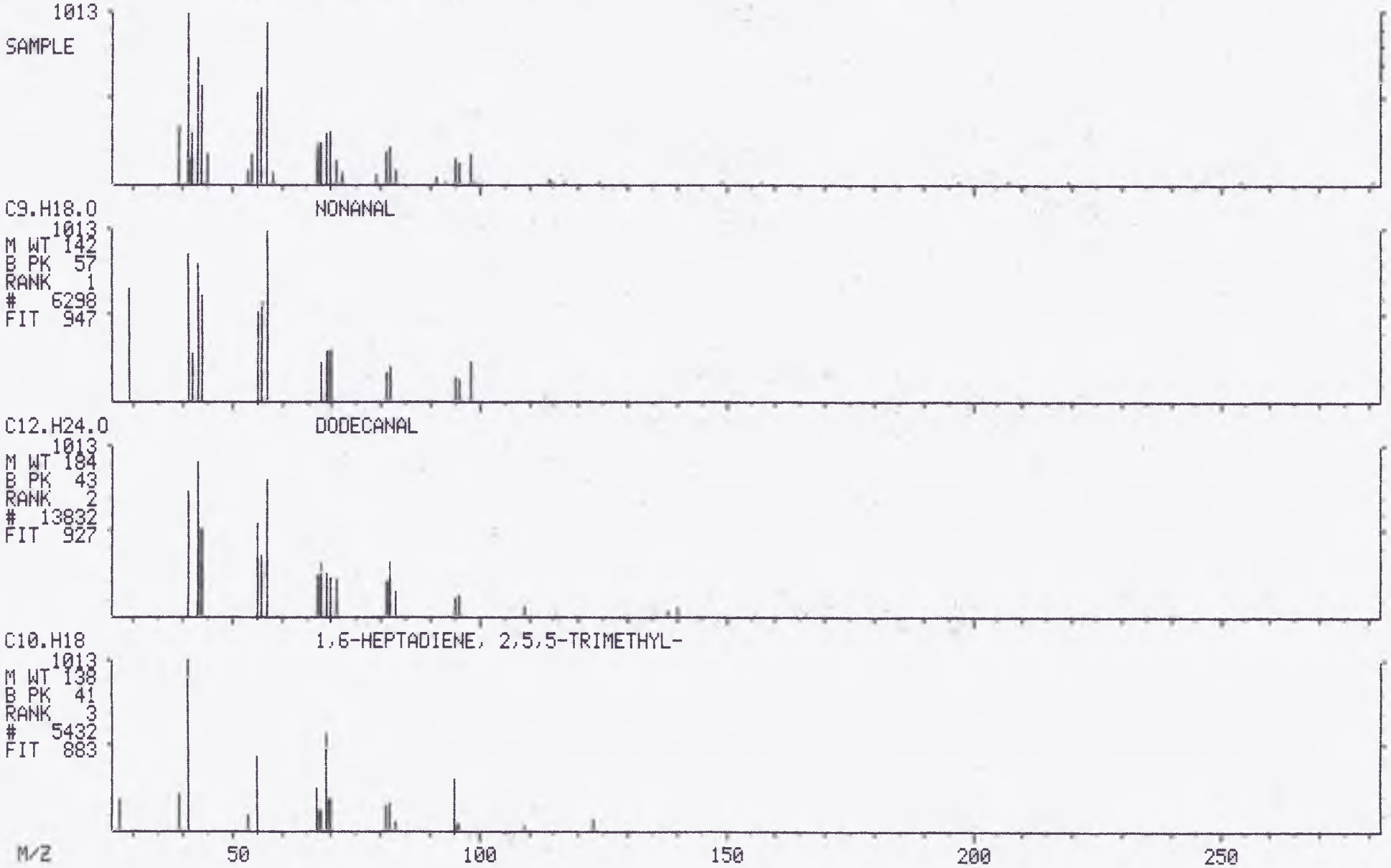
Rank	Formula	M.Wt	B.Pk	Purity	Fit	RFit
1	C9.H18.O	142	57	741	947	780
2	C12.H24.O	184	43	729	927	772
3	C10.H18	138	41	436	883	467
4	C7.H15.CL	134	56	544	874	586
5	C11.H20	152	41	460	872	493

Rank	Ret. Time	B.P. Int.	US.Par.1	US.Par.2	C.A.S. #
1	___	___	___	___	124-19-6
2	___	___	___	___	112-54-9
3	___	___	___	___	62238-28-2
4	___	___	___	___	1001-89-4
5	___	___	___	___	2243-98-3

MID LIBRARY SEARCH
04/10/91 15:54:00 + 16:32
SAMPLE: A130168, 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: A130168 #1654
CALI: A130168 # 9

BASE M/Z: 41
RIC: 10095.



MID Library Search Data: A130168 #1761 Base m/z: 41
04/10/91 15:54:00 + 17:37 Cali: A130168 # 9 RIC: 11695.
Sample: A130168, 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 OT)

42222 spectra in LIBRARYNB searched for maximum FIT
122 matched at least 8 of the 16 largest peaks in the unknown
121 had Fit at least 650

Rank	In.	Name
1	22446	OXIRANE, TETRADECYL-
2	13832	DODECANAL
3	8647	DECANAL
4	8685	2-DECEN-1-OL, (E)-
5	4103	OXIRANE, (3,3-DIMETHYLBUTYL)-

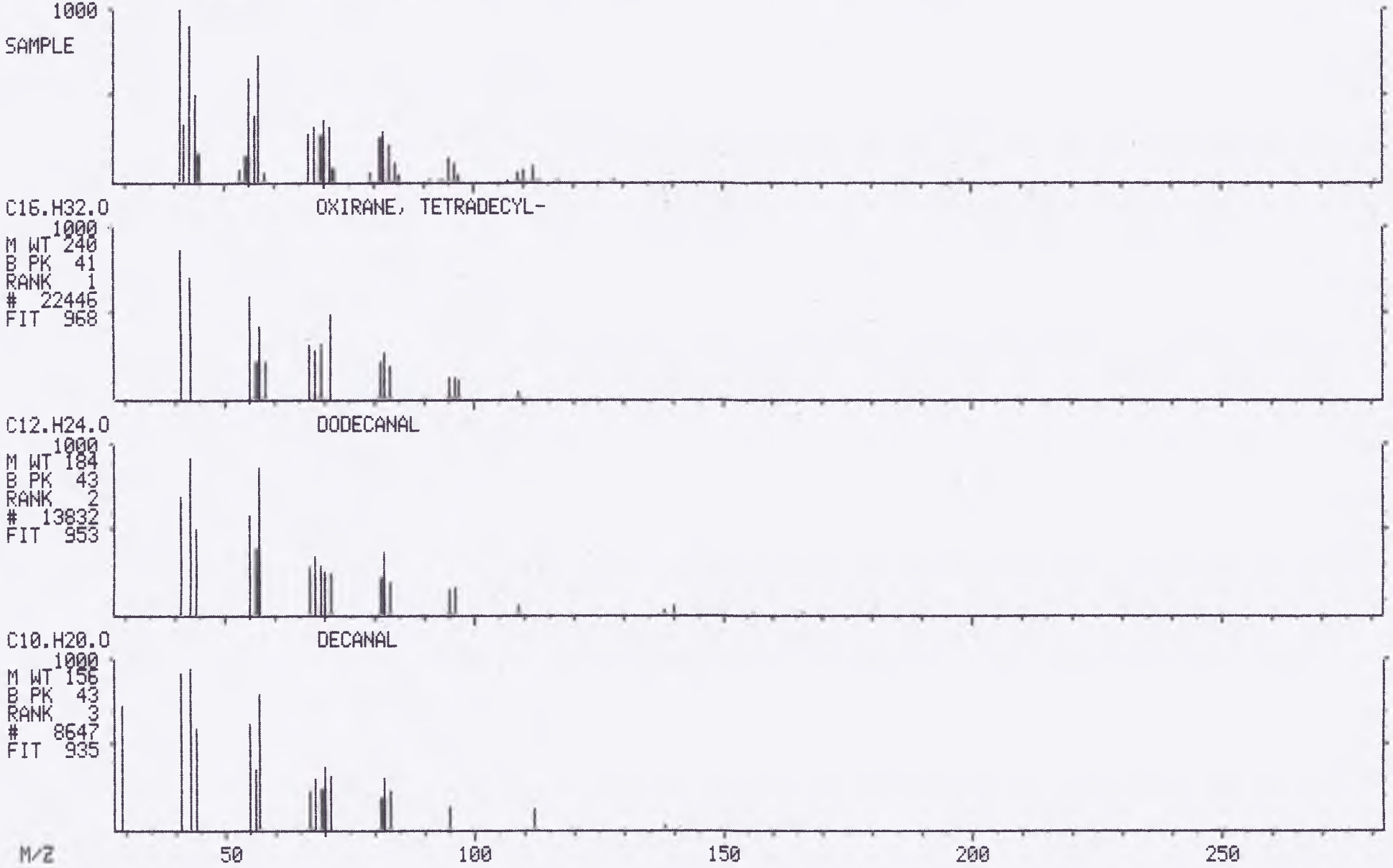
Rank	Formula	M.Wt	B.Pk	Purity	Fit	RFit
1	C16.H32.O	240	41	708	968	708
2	C12.H24.O	184	43	777	953	809
3	C10.H20.O	156	43	749	935	800
4	C10.H20.O	156	57	676	921	720
5	C8.H16.O	128	57	604	919	604

Rank	Ret.Time	B.P.Int.	US.Par.1	US.Par.2	C.A.S. #
1	___	___	___	___	7320-37-8
2	___	___	___	___	112-54-9
3	___	___	___	___	112-31-2
4	___	___	___	___	18409-18-2
5	___	___	___	___	53907-77-0

MID LIBRARY SEARCH
04/10/91 15:54:00 + 17:37
SAMPLE: A130168, 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: A130168 #1761
CALI: A130168 # 9

BASE M/Z: 41
RIC: 11695.



Quantitation Report File: V

Data: A130168.TI
04/10/91 15:54:00
Sample: A130168, 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.: AVW1100

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

No	CAS #	Name
1	0-00-0	CI20 CHLOROBENZENE-D5 (INTERNAL STANDARD)
2	0-00-0	CI01 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	TOT	1229	12:17	1	1.000	A BB	283477.	100.000 NG	50.00
2	TOT	1536	15:22	2	1.000	A BB	842.	100.000 NG	50.00

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	12:22	0.99	1.000	1.00	100.00	100.00	1.000	1.000	1.00
2	15:28	0.99	1.000	1.00	100.00	100.00	1.000	1.000	1.00