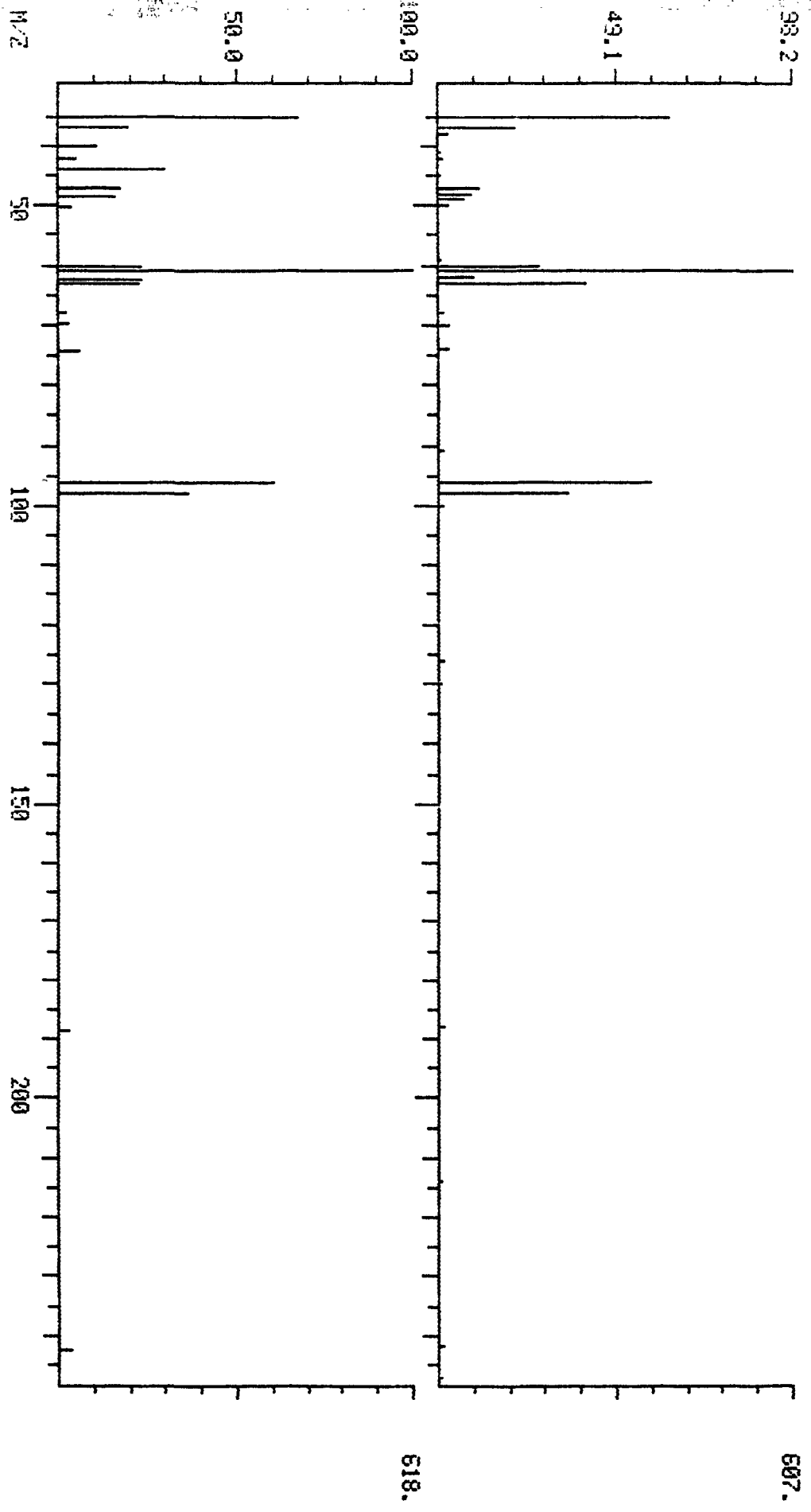


60567

MID DUAL MASS SPECTRUM
02/07/92 14:53:00 + 5:58
SAMPLE: 42774101, MW20AW, 1ML/5ML
COND.: FINN52
GC TEMP: 21 DEG. C
ENHANCED (S 158 2N 0T)

DATA: U011003 #280
CALL: U011003 #3
BASE M/Z: 61 / 61
RIC: 2555. / 2803.

CIS-1,2-DICHLOROETHENE



AR307457

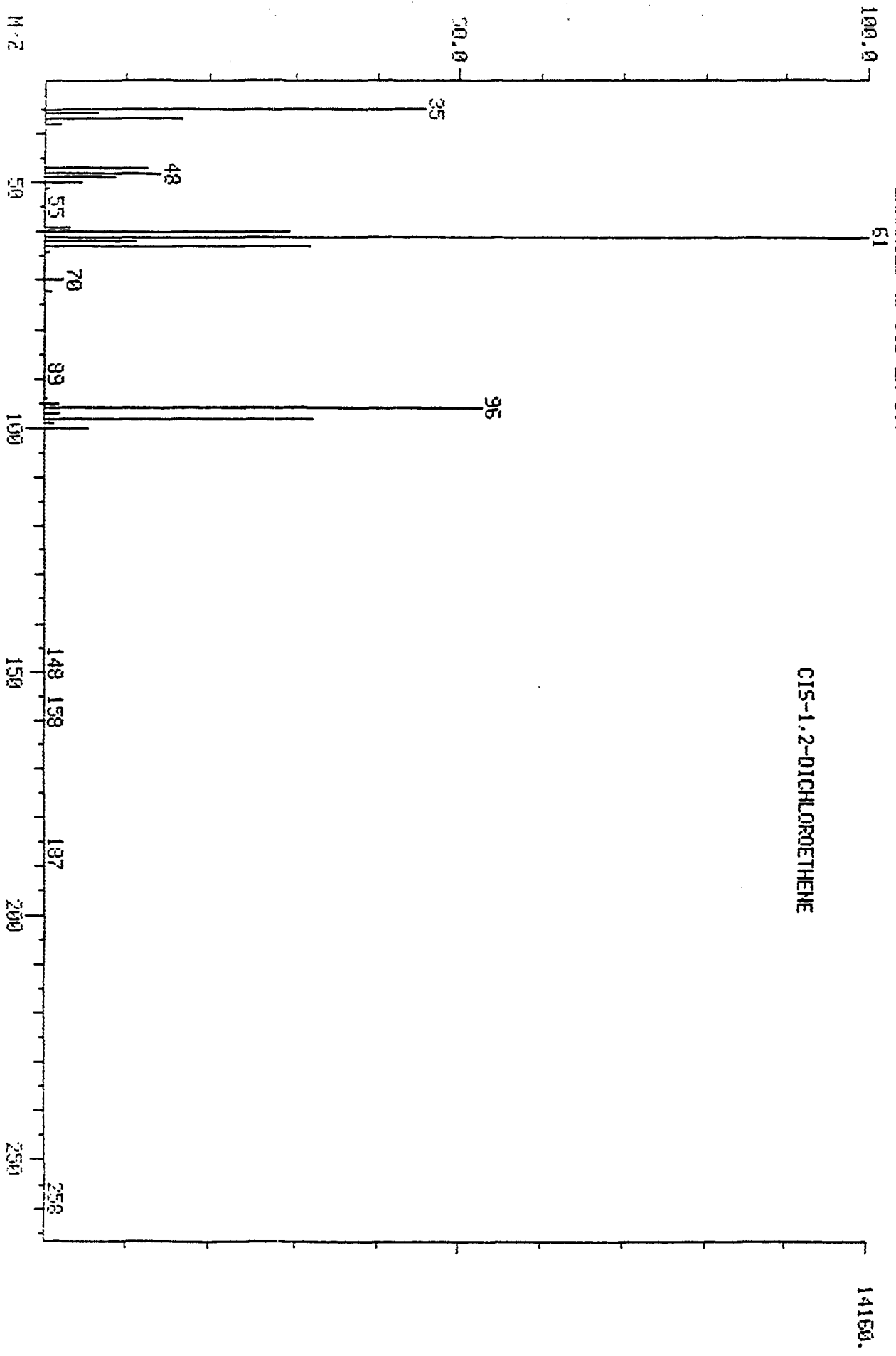
000141

MID MASS SPECTRUM
02/07/92 12:17:00 + 5:58
SAMPLE: USTD050, 250NG VOL STD, 5ML
COND.: FINNS2
GC TEMP: 21 DEG. C
ENHANCED (S 158 2M 0T)

DATA: VOL9999 #280
CALI: VOL9999 #3

BASE M/Z: 51
RIC: 544E4.

CIS-1,2-DICHLOROETHENE



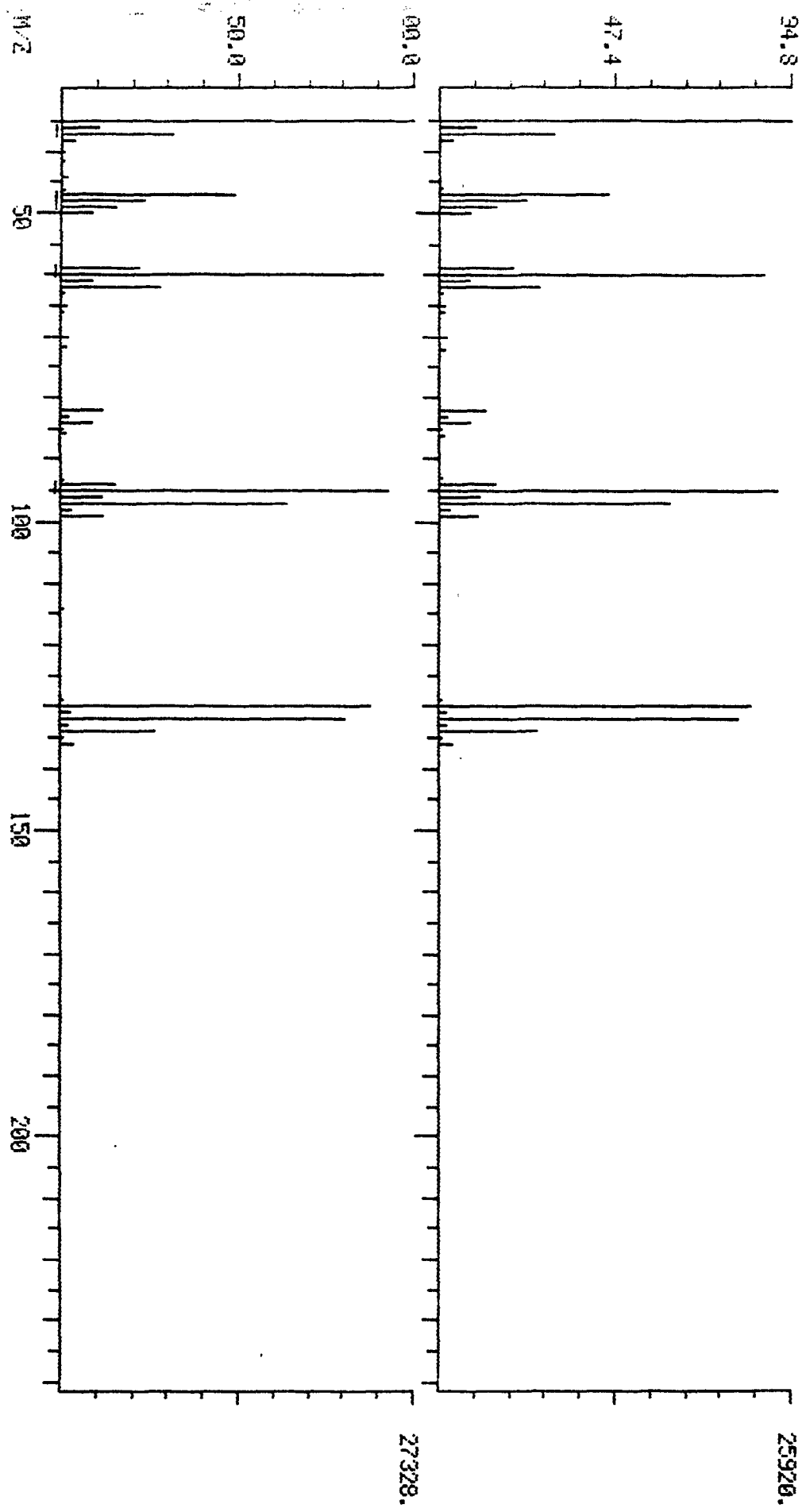
AR307458

000142

MID DUAL MASS SPECTRUM
02/07/92 14:53:00 + 8:57
SAMPLE: 42774101, MAZDAW, 1ML/5ML
COND5.: FINNS2
GC TEMP: 39 DEG. C
ENHANCED (S 158 2N 0T)

DATA: VOL1003 #420
CALL: VOL1003 #3
BASE M/Z: 35/ 35
RIC: 218367./ 226303.

TRICHLOROETHENE



AR307459

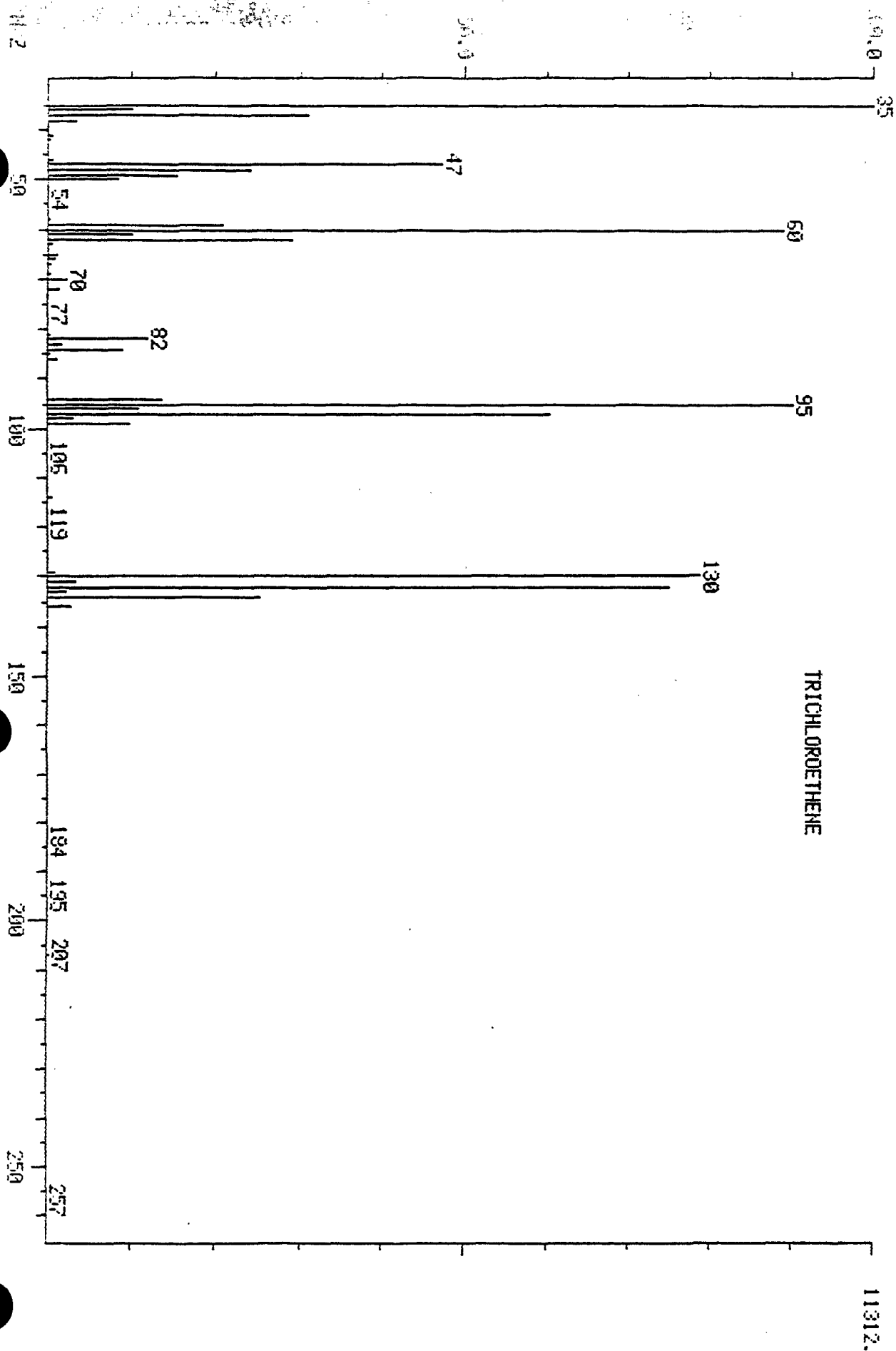
CC0143

MSD MASS SPECTRUM
02/07/92 12:17:00 + 8:57
SAMPLE: USTD050, 250HG VOL STD, 5ML
CONDS.: FINMS2
GC TEMP: 39 DEG. C
ENHANCED (S 156 2H 0T)

DATA: VOL9999 #420
CALL: VOL9999 #3

BASE M/Z: 35
RIC: 90112.

TRICHLOROETHENE



AR307460

003144

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA 8160-F-90-010

MW20BF

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42770101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL9984

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec.

Date Analyzed: 2/07/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 12.5

Soil Extract Volume: 0 (uL)

Soil Aliquot Volume: 0 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	120. U
74-83-9	Bromomethane	120. U
75-01-4	Vinyl Chloride	120. U
75-00-3	Chloroethane	120. U
75-09-2	Methylene Chloride	120. U
67-64-1	Acetone	120. U
75-15-0	Carbon Disulfide	120. U
75-35-4	1,1-Dichloroethene	28. J
75-34-3	1,1-Dichloroethane	120. U
540-59-0	1,2-Dichloroethene (total)	160. U
67-66-3	Chloroform	120. U
107-06-2	1,2-Dichloroethane	120. U
78-93-3	2-Butanone	120. U
71-55-6	1,1,1-Trichloroethane	110. J
56-23-5	Carbon Tetrachloride	120. U
75-27-4	Bromodichloromethane	120. U
78-87-5	1,2-Dichloropropane	120. U
10061-01-5	cis-1,3-Dichloropropene	120. U
79-01-6	Trichloroethene	2100. U
124-48-1	Dibromochloromethane	120. U
79-00-5	1,1,2-Trichloroethane	120. U
71-43-2	Benzene	120. U
10061-02-6	trans-1,3-Dichloropropene	120. U
75-25-2	Bromoform	120. U
108-10-1	4-Methyl-2-Pentanone	120. U
591-78-6	2-Hexanone	120. U
127-18-4	Tetrachloroethene	120. U
79-34-5	1,1,2,2-Tetrachloroethane	120. U
108-88-3	Toluene	120. U
108-90-7	Chlorobenzene	120. U
100-41-4	Ethylbenzene	120. U
100-42-5	Styrene	120. U
1330-20-7	Xylene (total)	120. U

AR307461

000145

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPV SAMPLE NO.
MWZOBF
2 15 423A

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42770101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL9984

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 12.50

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
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000146

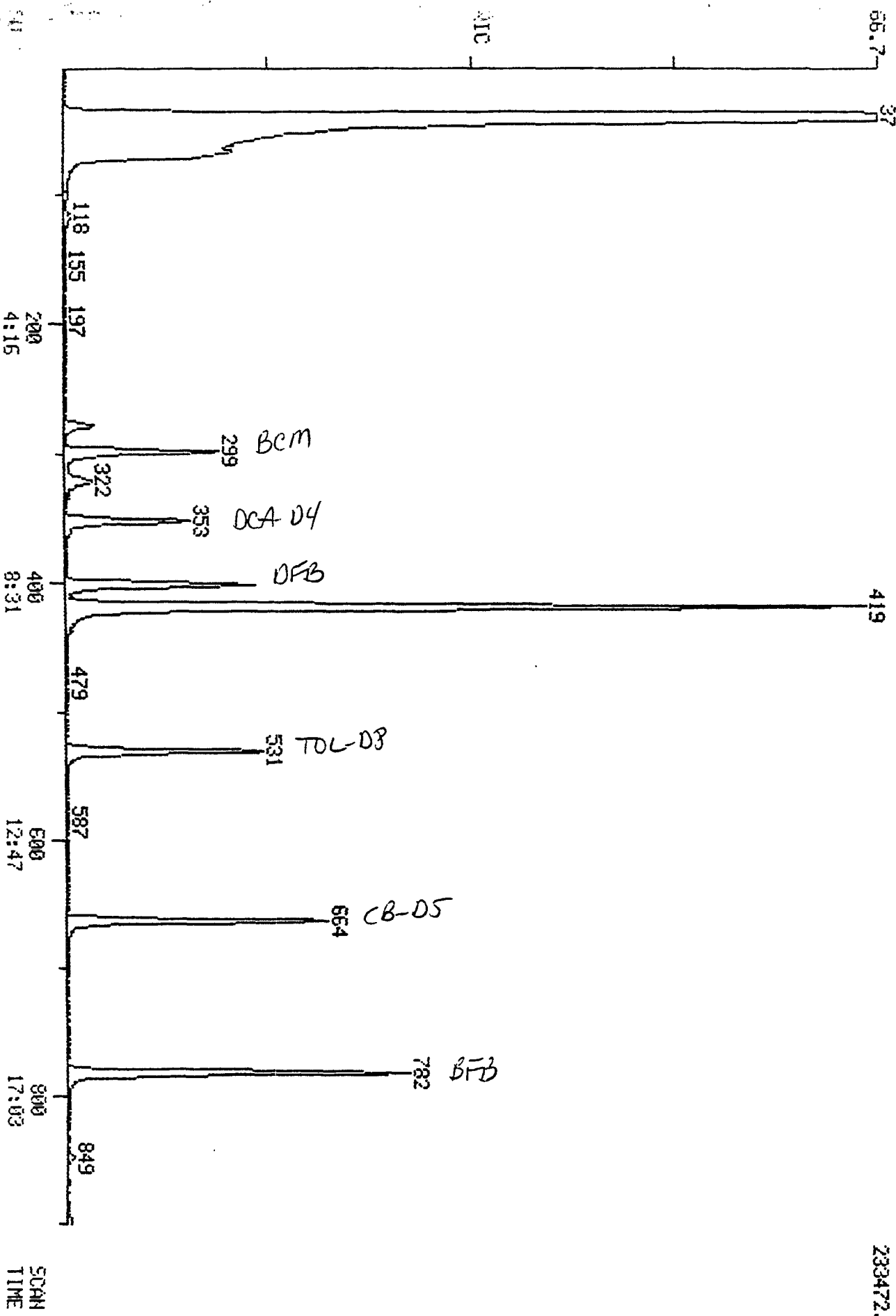
AR307462

MIDRIL
02/07/92 3:01:00
SAMPLE: 42770101, MIZORF, 400UL/5ML
COND.: FINNS2
RANGE: G 1,1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: UOL9984 #1
CALI: UOL9984 #3

SCANS 1 TO 900

233472.



AR307463

000147

Data: VDL9984.TI
02/07/92 3:01:00
Sample: 42770101, MWZQBF, 40OUL/5ML
Conds.: FINN52
Formula: VOC
Submitted by: WADS

Instrument: FINN52
Analyst: JP

Weight: 0.000
Acct. No.: 68D10008

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

- No Name
- 1 BROMOCHLOROMETHANE
- 2 1,4-DIFLUOROBENZENE
- 3 CHLOROBENZENE-D5
- 4 CHLOROMETHANE
- 5 BROMOMETHANE
- 6 VINYL CHLORIDE
- 7 CHLOROETHANE
- 8 METHYLENE CHLORIDE
- 9 ACETONE
- 10 CARBON DISULFIDE
- 11 1,1-DICHLOROETHENE
- 12 1,1-DICHLOROETHANE
- 13 1,2-DICHLOROETHENE (TOTAL)
- 14 CHLOROFORM
- 15 1,2-DICHLOROETHANE
- 16 2-BUTANONE
- 17 1,1,1-TRICHLOROETHANE
- 18 CARBON TETRACHLORIDE
- 19 VINYL ACETATE
- 20 BROMODICHLOROMETHANE
- 21 1,2-DICHLOROPROPANE
- 22 CIS-1,3-DICHLOROPROPENE
- 23 TRICHLOROETHENE
- 24 DIBROMOCHLOROMETHANE
- 25 1,1,2-TRICHLOROETHANE
- 26 BENZENE
- 27 TRANS-1,3-DICHLOROPROPENE
- 28 BROMOFORM
- 29 4-METHYL-2-PENTANONE
- 30 2-HEXANONE
- 31 TETRACHLOROETHENE
- 32 1,1,2,2-TETRACHLOROETHANE
- 33 TOLUENE
- 34 CHLOROBENZENE
- 35 ETHYLBENZENE
- 36 STYRENE
- 37 XYLENES
- 38 TOLUENE-D8
- 39 BROMOFLUOROBENZENE
- 40 1,2-DICHLOROETHANE-D4
- 41 2-CHLOROETHYL VINYL ETHER
- 42 XYLENE (TOTAL)
- 43 1,3-DICHLOROBENZENE
- 44 1,2-DICHLOROBENZENE
- 45 1,4-DICHLOROBENZENE
- 46 ACROLEIN
- 47 ACRYLONITRILE

000148

AR307464

46 TRICHLOROFLUOROMETHANE
 47 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	299	6:22	1	1.000	A BV	19753.	250.000 NG	10.29
2	114	402	8:34	2	1.000	A BB	75170.	250.000 NG	10.29
3	117	664	14:09	3	1.000	A BB	63956.	250.000 NG	10.29
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	76	131	2:47	1	0.438	A BB	50.	0.181 NG	0.01
11	96	118	2:31	1	0.395	A BV	1185.	11.390 NG	0.47
12	63	219	4:40	1	0.732	A BB	35.	0.156 NG	0.01
13	NOT FOUND								
14	83	314	6:41	1	1.050	A BB	35.	0.127 NG	0.01
15	NOT FOUND								
16	43	294	6:16	1	0.983	A*BB	81.	1.210 NG	0.05
17	97	322	6:52	2	0.801	A BB	11031.	45.387 NG	1.87
18	NOT FOUND								
19	43	239	5:06	2	0.595	A BB	68.	0.192 NG	0.01
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	130	419	8:56	2	1.042	A BV	110093.	853.179 NG	35.11
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	43	531	11:19	3	0.800	A BB	1222.	5.529 NG	0.23
30	NOT FOUND								
31	164	586	12:29	3	0.883	A BB	115.	0.897 NG	0.04
32	NOT FOUND								
33	NOT FOUND								
34	112	668	14:14	3	1.006	A BB	39.	0.161 NG	0.01
35	NOT FOUND								
36	NOT FOUND								
37	106	695	14:48	3	1.047	A BB	152.	1.082 NG	0.04
38	98	531	11:19	3	0.800	A BV	65937.	242.773 NG	9.99
39	95	782	16:40	3	1.178	A BB	55917.	222.479 NG	9.15
40	65	353	7:31	1	1.181	A BB	54532.	230.452 NG	9.48
41	NOT FOUND								
42	NOT FOUND								
43	146	888	18:55	3	1.337	A BB	210.	0.653 NG	0.03
44	146	934	19:54	3	1.407	A BB	54.	0.176 NG	0.01
45	146	901	19:12	3	1.357	A BB	229.	0.664 NG	0.03
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	85	46	0:59	1	0.154	A BB	34.	0.369 NG	0.02
50	96	278	5:55	1	0.930	A BV	5986.	63.604 NG	2.62

AR307465

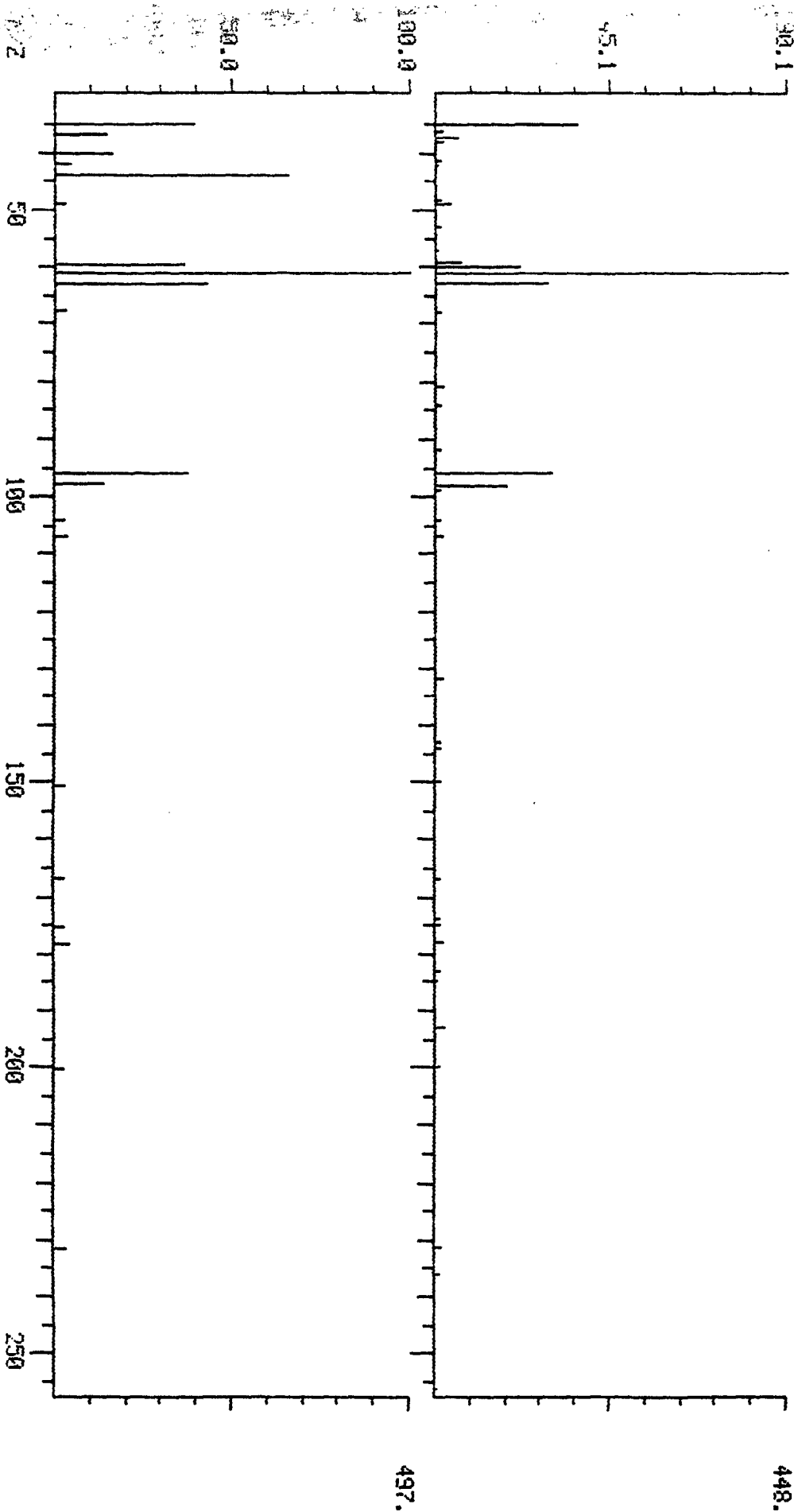
000149

MID DUAL MASS SPECTRUM
02/07/92 3:01:00 + 2:31
SAMPLE: 42770101, MWZ0BF, 400UL/5ML
COND.: FINNS2
GC TEMP: 10 DEG. C
ENHANCED (S 158 2N 0T)

DATA: VOL.9984 #119
CALL: VOL.9984 #3

BASE M/Z: 61/ 61
RIC: 1409./ 2017.

1,1-DICHLOROETHENE



000150

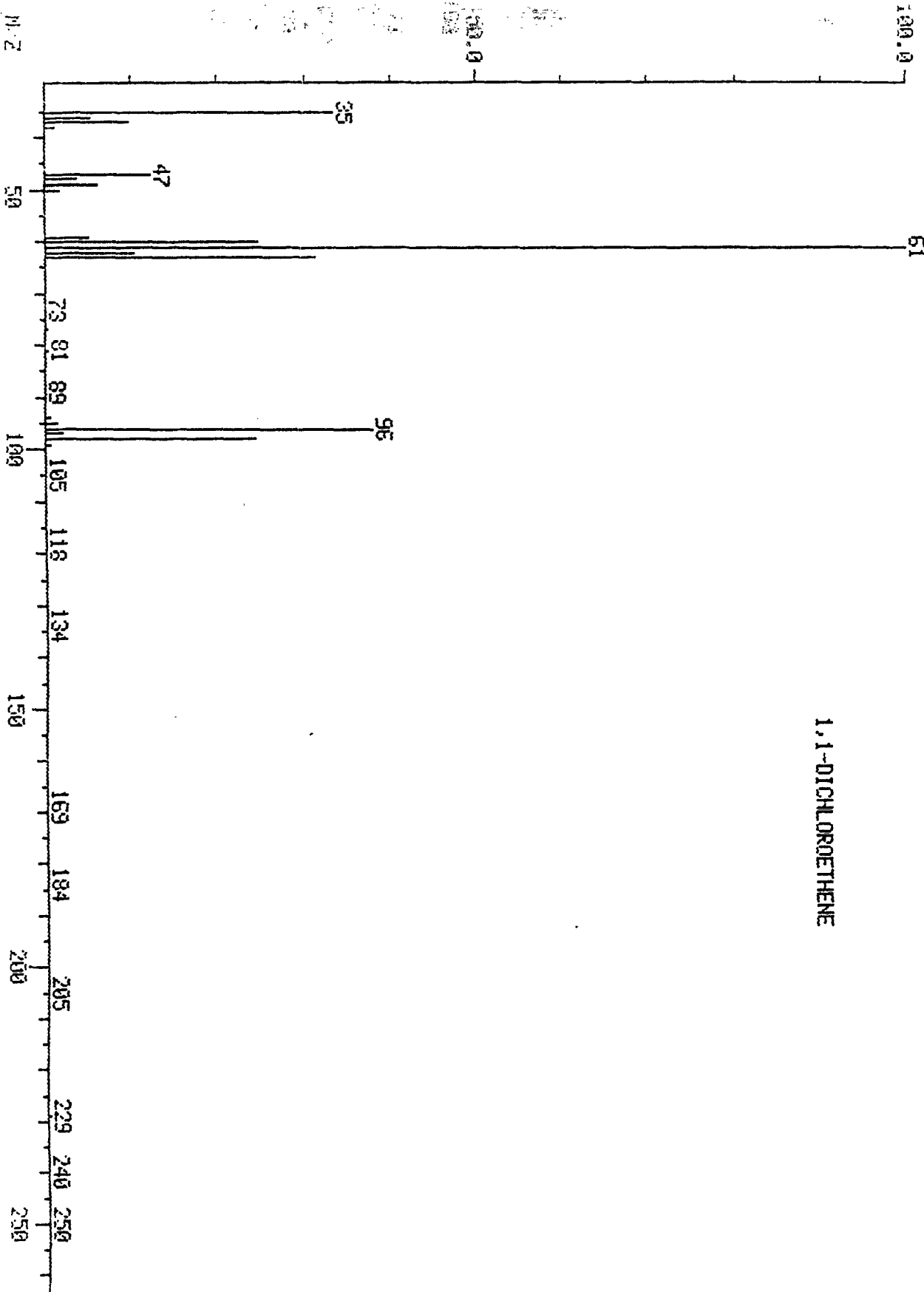
AR307466

MID MASS SPECTRUM
02/06/92 23:19:00 + 2:31
SAMPLE: USTD050, 250NG VOL STD, SML
COND5.: FINN52
GC TEMP: 10 DEG. C
ENHANCED (S 158 2N 0T)

DATA: VOL9980 #118
CALL: VOL9980 #3

BASE M/Z: 61
RIC: 22784.

1,1-DICHLOROETHENE



7312.

AR307467

000151

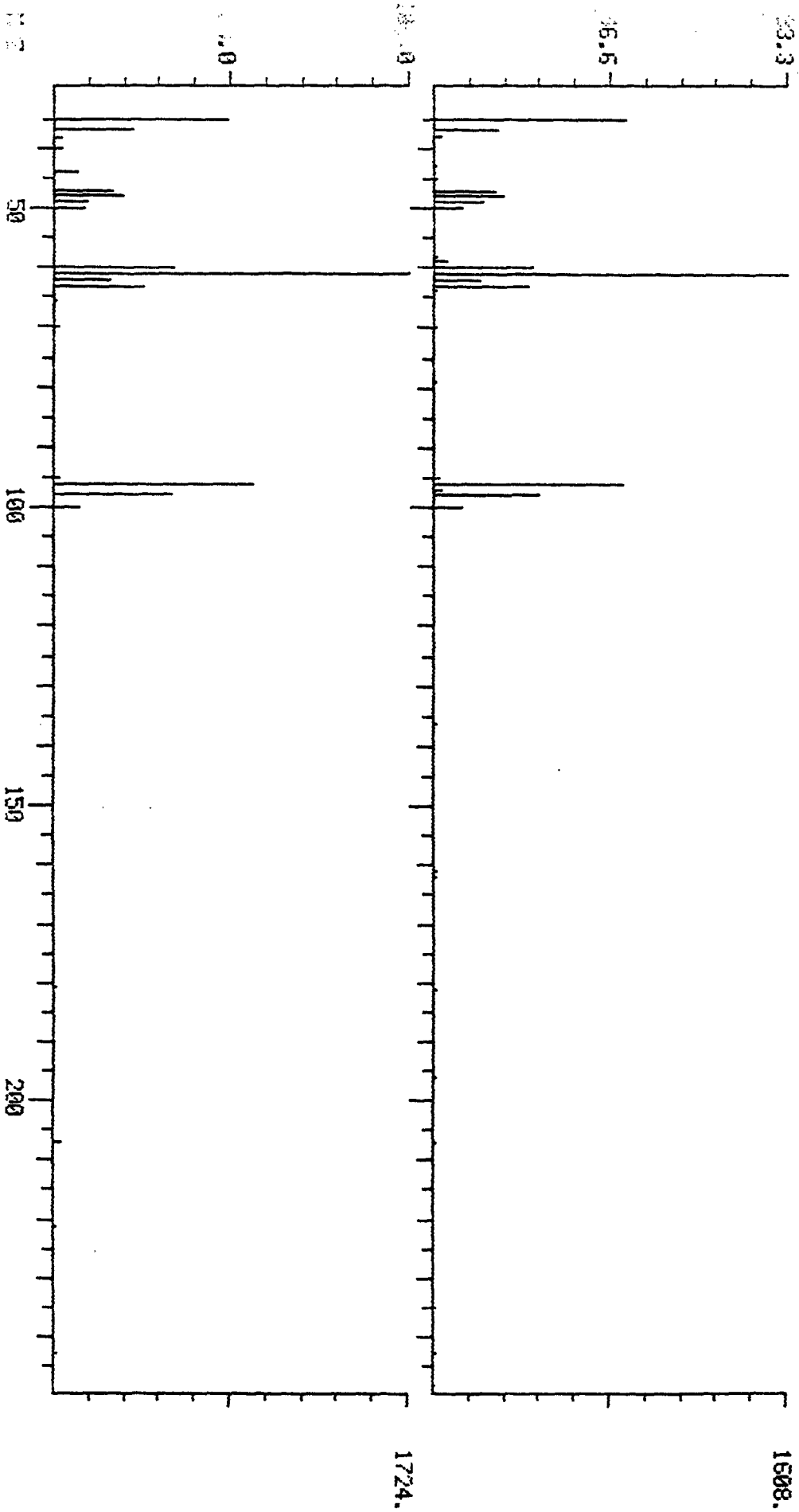
MID DUAL MASS SPECTRUM
02/07/92 3:01:00 + 5:55
SAMPLE: 42770101, MUZORB, 400UL/5ML
COND.: FINN52
GC TEMP: 21 DEG. C
ENHANCED (S 158 2N 0T)

DATA: VOL9984 #278
CALL: VOL9984 #3

BASE M/Z: 61 / 61
RIC: 6623. / 7215.

000152

CIS-1,2-DICHLOROETHENE



AR307468

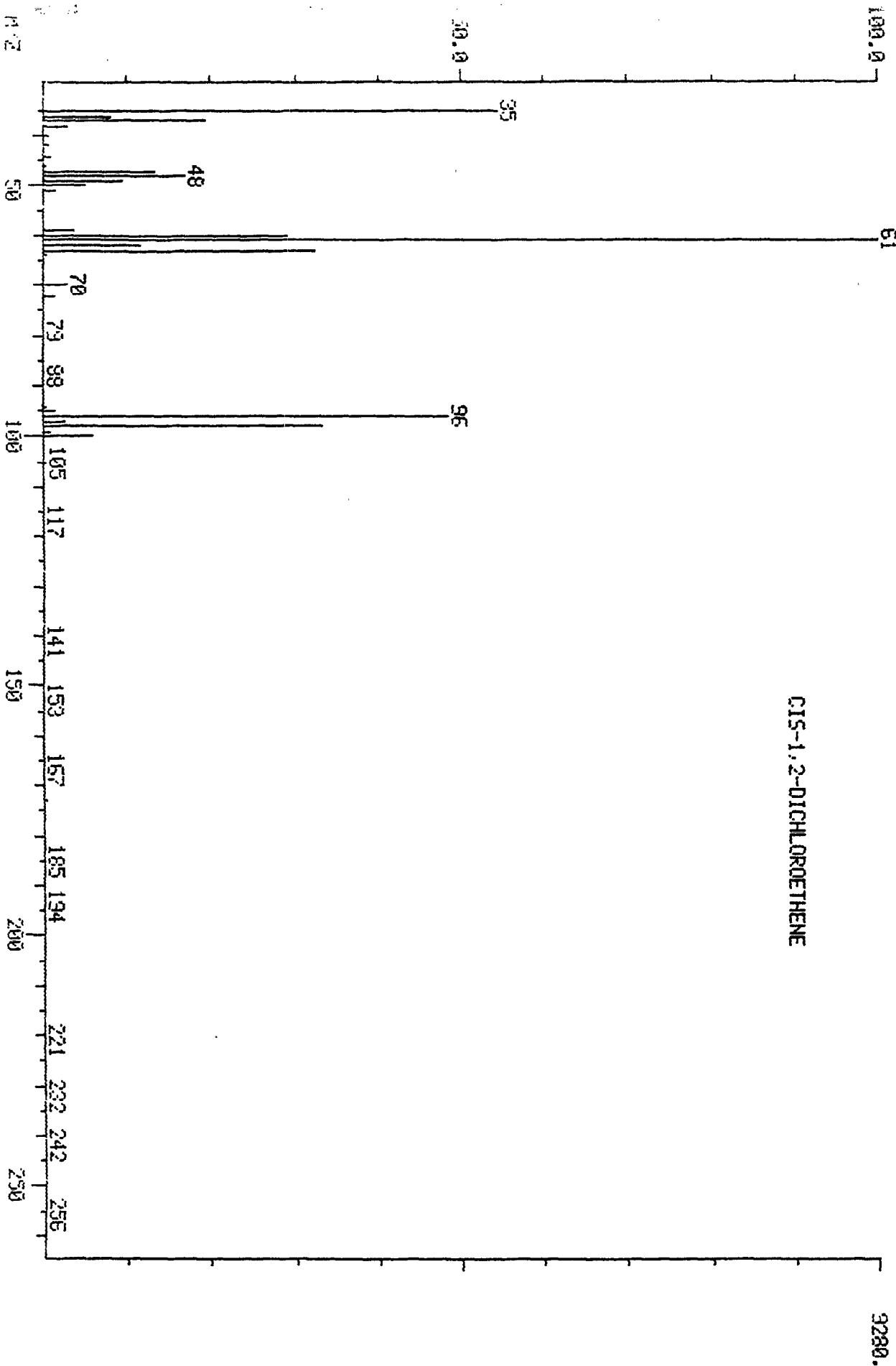
MID MASS SPECTRUM
02/06/92 23:19:00 + 5:58
SAMPLE: USTID050, 250NG VOL STD, SIML
COND.: FINNS2
GC TEMP: 21 DEG. C
ENHANCED (5 158 2N 0T)

DATA: VOL9980 #280
CALL: VOL9980 #3

BASE M/Z: 61
RIC: 37696.

000153

CIS-1,2-DICHLOROETHENE



AR307469

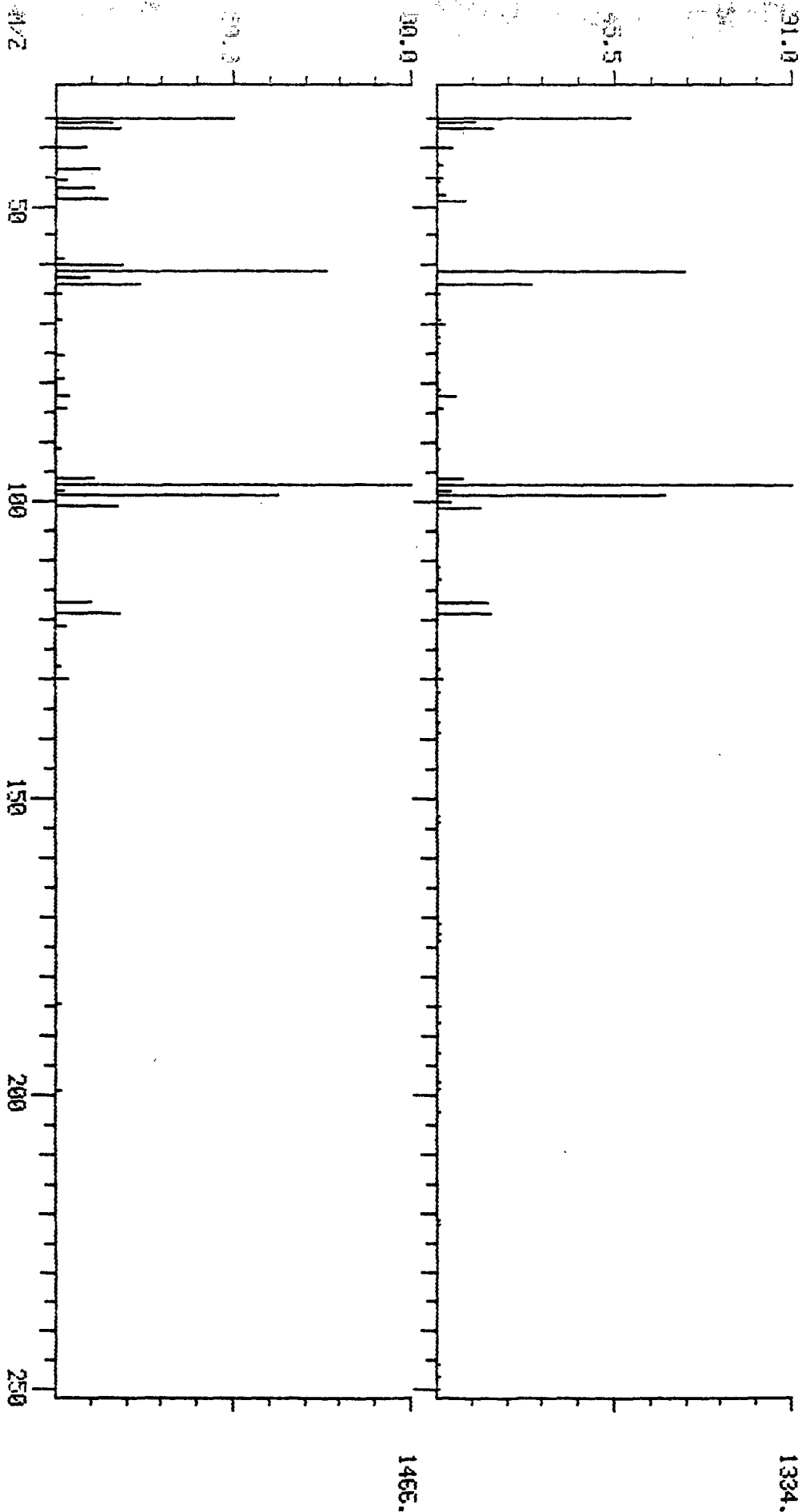
MID DUAL MASS SPECTRUM
02/07/92 3:01:00 + 6:52
SAMPLE: 42770101, MWZ0BF, 400UL/5ML
COND5.: FINNS2
GC TEMP: 27 DEG. C
ENHANCED (S 158 2N 0T)

DATA: V01.9984 #322
CALL: V01.9984 #3

BASE M/Z: 97/ 97
RIC: 5951./ 7487.

000154

1,1,1-TRICHLOROETHANE



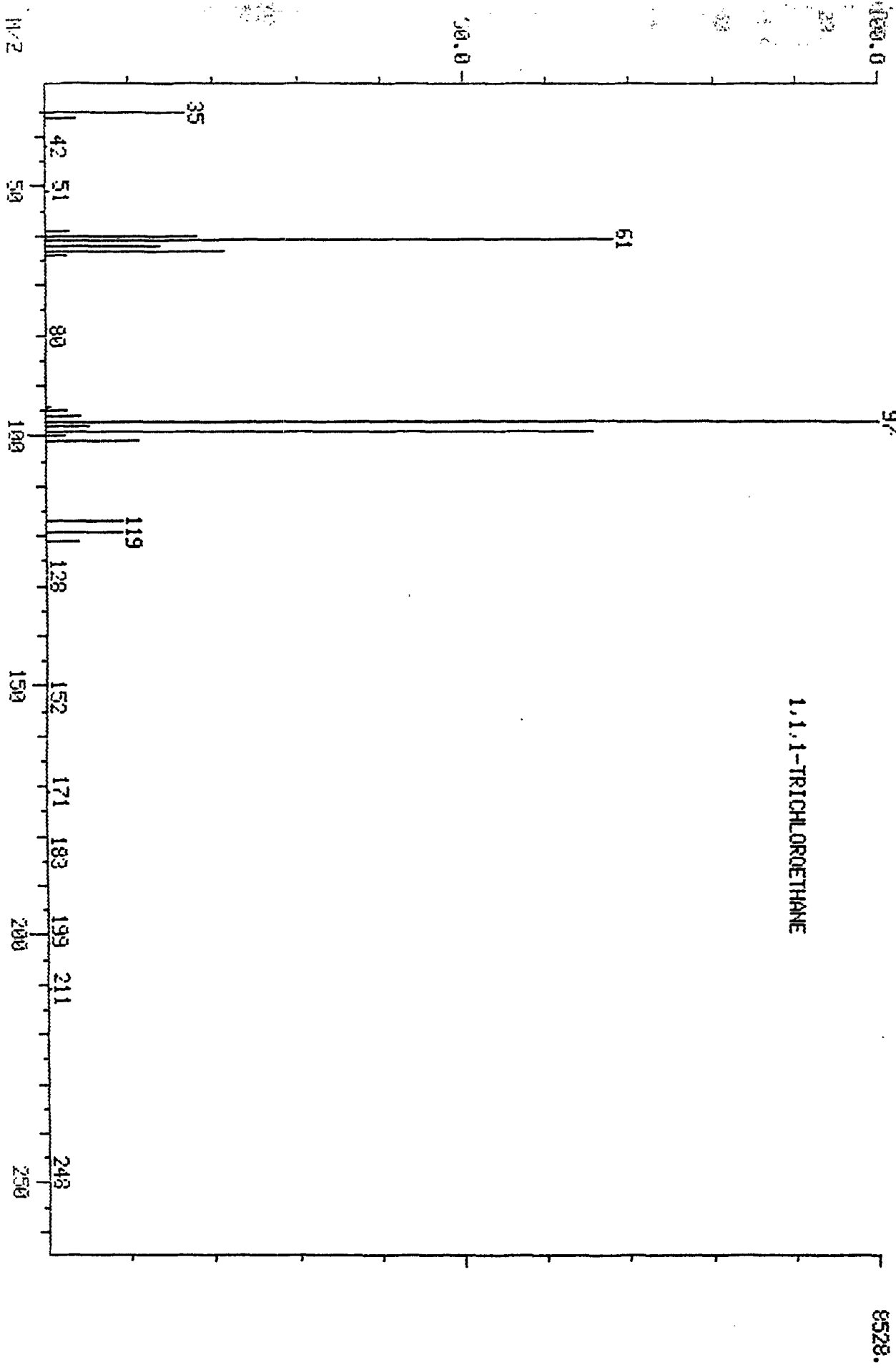
AR307470

MID MASS SPECTRUM
02/06/92 23:19:00 + 6:52
SAMPLE: USTD050, 250NG VOL STD, 5NL
CONDS.: FINNS2
GC TEMP: 27 DEG. C
ENHANCED (S 158 2N 0T)

DATA: VOL9980 #322
CALL: VOL9980 #3

BASE M/Z: 97
RIC: 30880.

1,1,1-TRICHLOROETHANE



AR307471

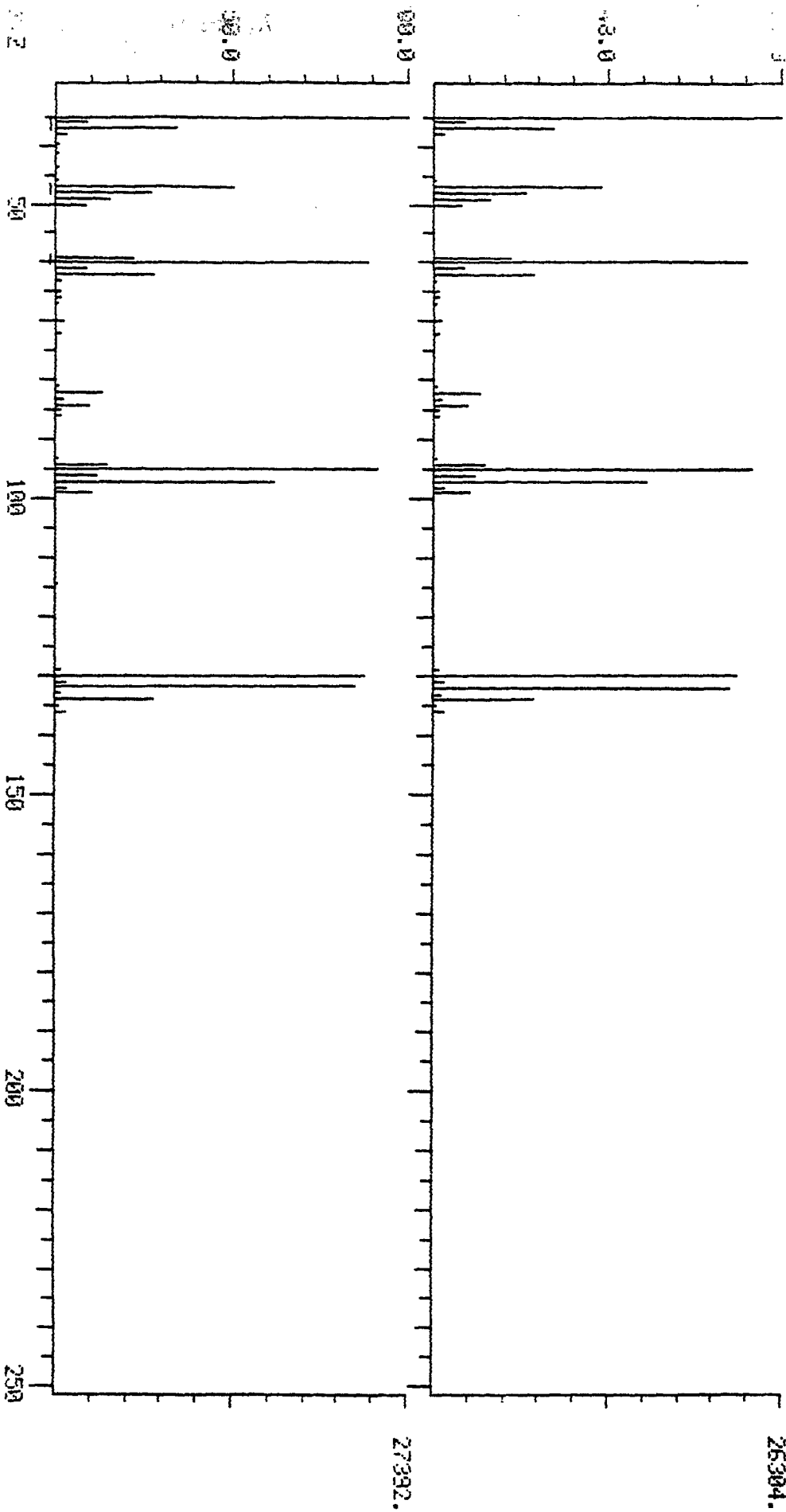
000155

MID DUAL MASS SPECTRUM
02/07/92 3:01:00 + 8:56
SAMPLE: 42770101, MZ0BF, 400UL/5ML
CONDS.: FINN52
GC TEMP: 39 DEG. C
ENHANCED (S 158 ZH 0T)

DATA: U019984 #419
CALL: U019984 #3

BASE M/Z: 35/ 35
RIC: 218111./ 228863.

TRICHLOROETHENE



000156

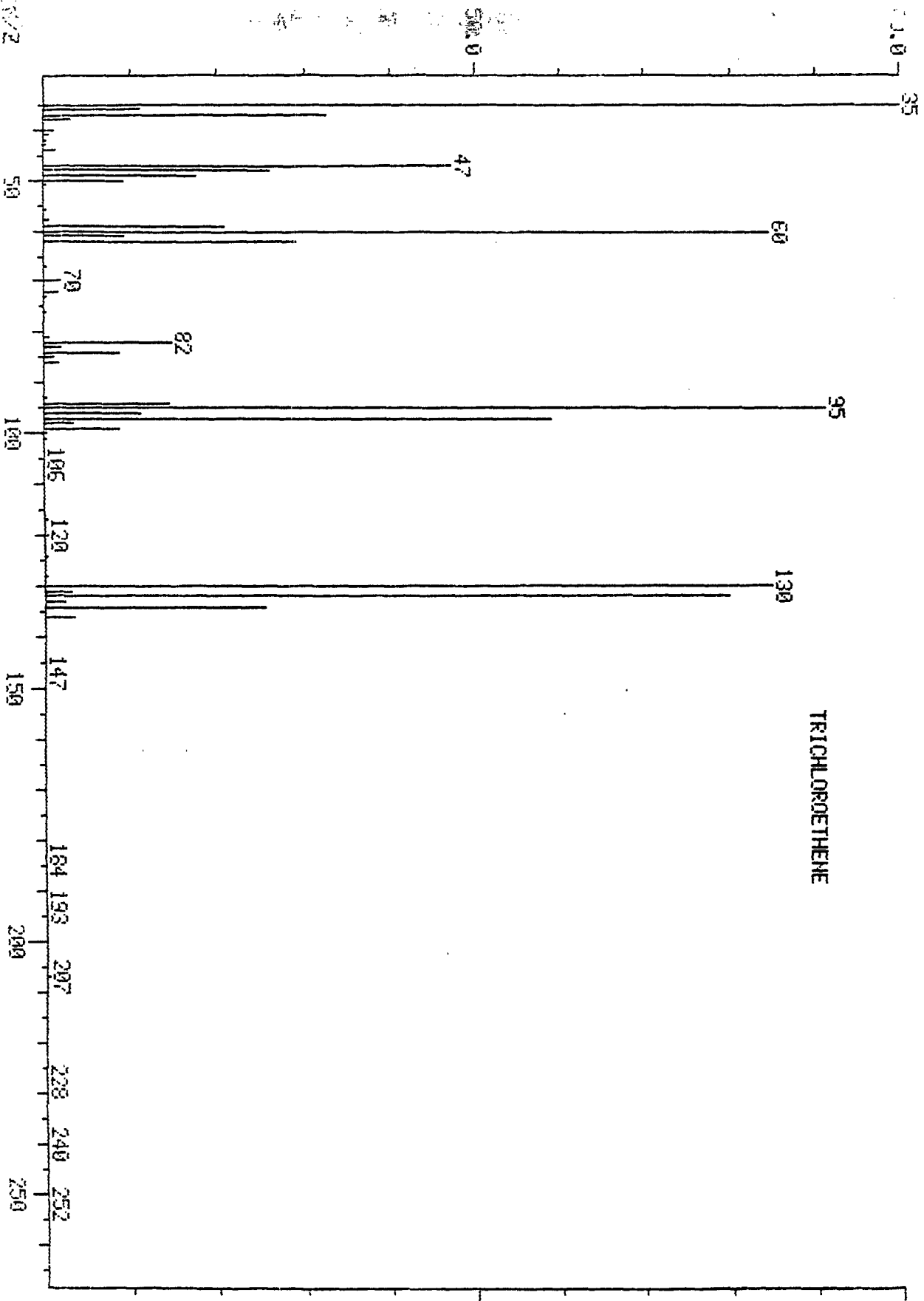
AR307472

MSD MASS SPECTRUM
02/06/92 23:19:00 + 8:56
SAMPLE: UST050, 250MG VOL STD, 5ML
COND.: FINNS2
GC TEMP: 39 DEG. C
ENHANCED (5 15R 2N 0T)

DATA: VOL9980 #419
CALL: VOL9980 #3

BASE M/Z: 35
RIC: 69632.

TRICHLOROETHENE



8544.

000257

AR307473

MW21AW

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42764101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOE1983

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/06/92

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.43

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	14.	U
74-83-9	Bromomethane	14.	U
75-01-4	Vinyl Chloride	14.	U
75-00-3	Chloroethane	14.	U
75-09-2	Methylene Chloride	14.	U
67-64-1	Acetone	52.	
75-15-0	Carbon Disulfide	14.	U
75-35-4	1,1-Dichloroethene	39.	
75-34-3	1,1-Dichloroethane	3.	J
540-59-0	1,2-Dichloroethene (total)	14.	U
67-66-3	Chloroform	14.	U
107-06-2	1,2-Dichloroethane	14.	U
78-93-3	2-Butanone	14.	U
71-55-6	1,1,1-Trichloroethane	210.	
56-23-5	Carbon Tetrachloride	14.	U
75-27-4	Bromodichloromethane	14.	U
78-87-5	1,2-Dichloropropane	14.	U
10061-01-5	cis-1,3-Dichloropropene	14.	U
79-01-6	Trichloroethene	130.	
124-48-1	Dibromochloromethane	14.	U
79-00-5	1,1,2-Trichloroethane	14.	U
71-43-2	Benzene	14.	U
10061-02-6	trans-1,3-Dichloropropene	14.	U
75-25-2	Bromoform	14.	U
108-10-1	4-Methyl-2-Pentanone	14.	U
591-78-6	2-Hexanone	14.	U
127-18-4	Tetrachloroethene	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	14.	U
108-88-3	Toluene	14.	U
108-90-7	Chlorobenzene	14.	U
100-41-4	Ethylbenzene	14.	U
100-42-5	Styrene	14.	U
1330-20-7	Xylene (total)	14.	U

000158

AR307474

VOLATILE ORGANIC COMPOUNDS ANALYSIS
TENTATIVELY IDENTIFIED COMPOUNDS

MW21AW

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42764101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOE1983

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/06/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor:

1.43

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
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000159

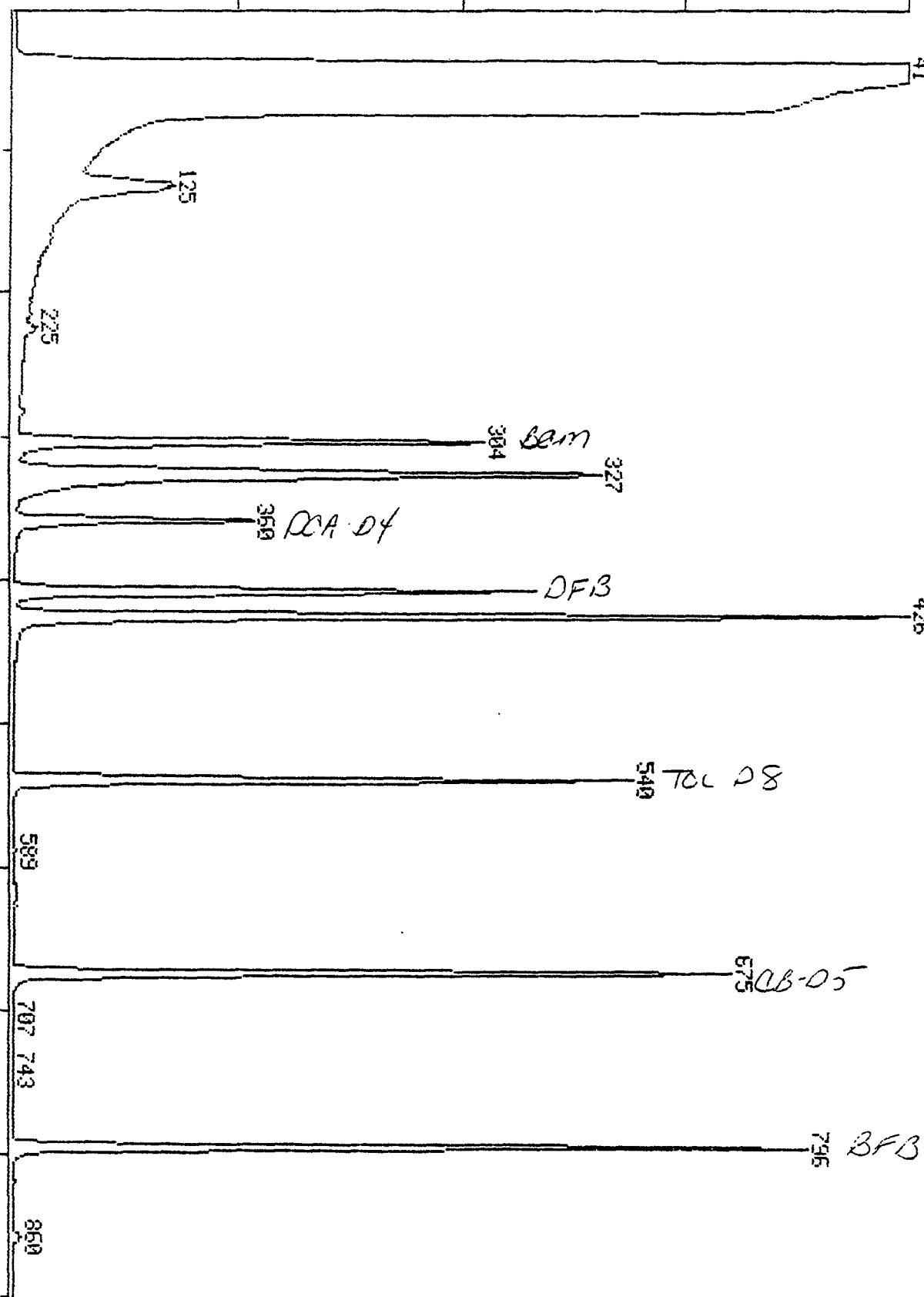
AR307475

RIC
02/06/92 11:00:00
SAMPLE: 42754101, MUZIAM, 3.5ML/5ML
CONDS.: 510000
RANGE: G 1.1100 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BRSE: U 20, 3

DATA: U0E1983 #1
CALI: U0E1983 #2

SCANS 1 TO 300

526507.



AR307476

000160

SCHE

Data: V0E1983.TI
02/06/92 11:00.00
Sample: 42764101, MW21AW, 3.5ML/5ML
Conds.: 510000
Formula:
Submitted by:

Instrument: 5100
Analyst: RQ

Weight: 0.004
Acct. No.:

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

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

AR307477

000161

48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	304	6:35	1	1.000	A BB	137062.	250.000 NG	8.02
2	114	409	8:52	2	1.000	A BB	497404.	250.000 NG	8.02
3	117	675	14:37	3	1.000	A BB	443793.	250.000 NG	8.02
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	84	164	3:33	1	0.539	A BB	4293.	5.563 NG	0.18
9	43	128	2:46	1	0.421	A BB	57252.	181.731 NG	5.83
10	NOT FOUND								
11	96	123	2:40	1	0.405	A BB	93598.	135.783 NG	4.36
12	63	225	4:52	1	0.740	A BB	19271.	11.626 NG	0.37
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	43	293	6:21	1	0.964	A BB	2757.	5.142 NG	0.16
17	97	327	7:05	2	0.800	A BB	629590.	727.011 NG	23.32
18	117	327	7:05	2	0.800	A BB	93452.	187.897 NG	3.46
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	130	426	9:14	2	1.042	A BB	399591.	452.451 NG	14.51
24	NOT FOUND								
25	97	589	12:46	2	1.440	A BB	1845.	2.270 NG	0.07
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	43	540	11:42	3	0.800	A BB	6611.	5.773 NG	0.19
30	43	621	13:27	3	0.920	A BB	971.	1.071 NG	0.03
31	NOT FOUND								
32	83	821	17:47	3	1.216	A BB	1994.	1.303 NG	0.04
33	92	545	11:48	3	0.807	A BB	453.	0.370 NG	0.01
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	106	706	15:18	3	1.046	A BB	522.	0.524 NG	0.02
38	98	540	11:42	3	0.800	A BB	504444.	248.317 NG	7.97
39	95	796	17:15	3	1.179	A BB	402946.	239.361 NG	7.68
40	65	360	7:48	1	1.184	A BB	228998.	235.925 NG	7.57
41	NOT FOUND								
42	NOT FOUND								
43	146	905	19:36	3	1.341	A BB	1125.	0.634 NG	0.02
44	146	951	20:36	3	1.409	A BB	812.	0.487 NG	0.02
45	146	915	19:49	3	1.356	A BB	1527.	0.832 NG	0.03
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	96	283	6:08	1	0.931	A BB	2659.	3.420 NG	0.11

WRONG R.T
2/18/98
JL

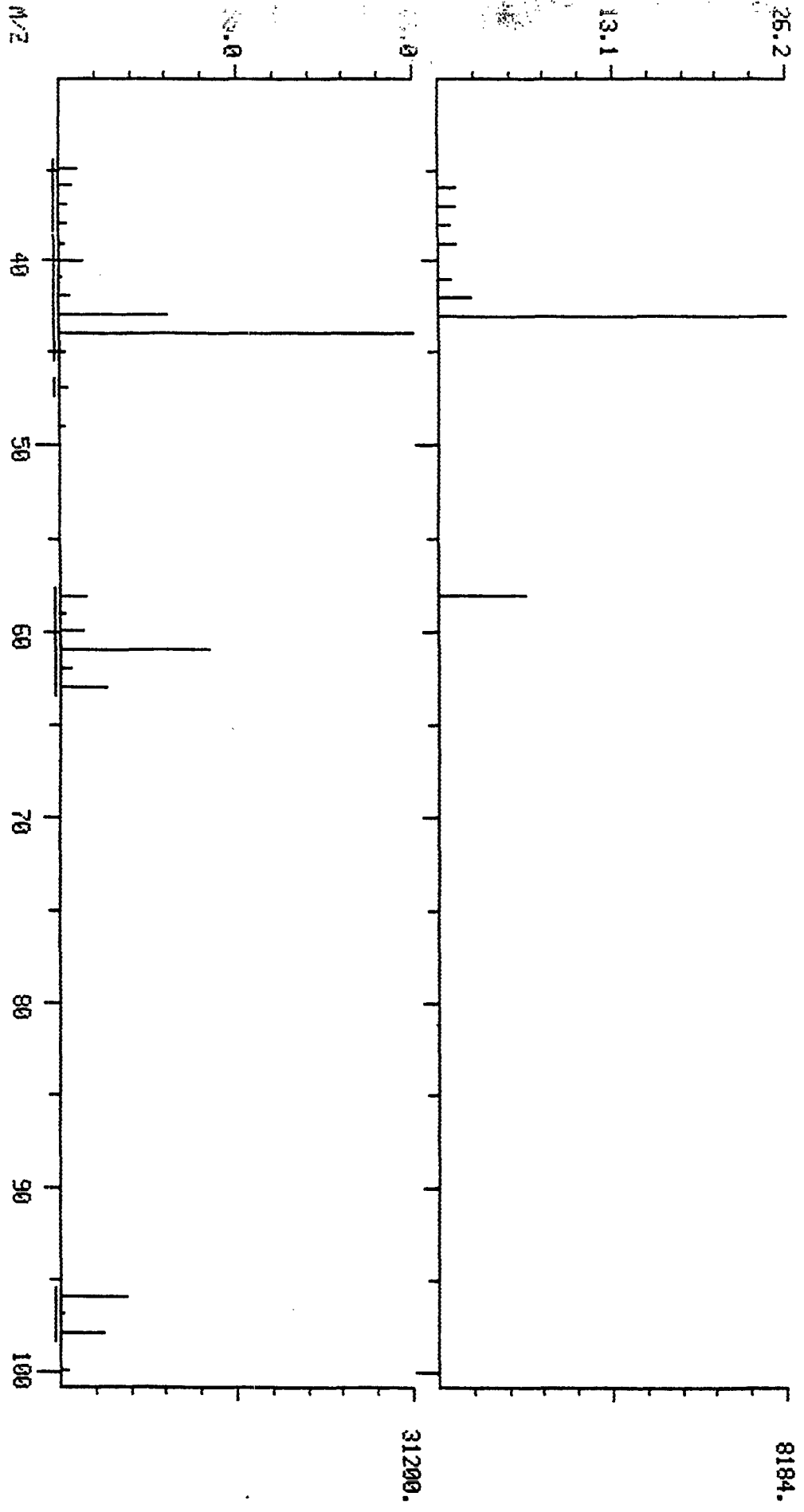
AR307478

000162

DUAL MASS SPECTRUM
02/06/92 11:00:00 + 2:46
SAMPLE: 42764101, MW21AM, 3.5ML/5ML
COND5.: 510000
GC TEMP: 8 DEG. C
ENHANCED (5 1SB 2N 0T)

DATA: V0E1983 #128
CALL: V0E1983 #2
BASE M/Z: 43/ 44
RIC: 12831./ 83711.

ACETONE



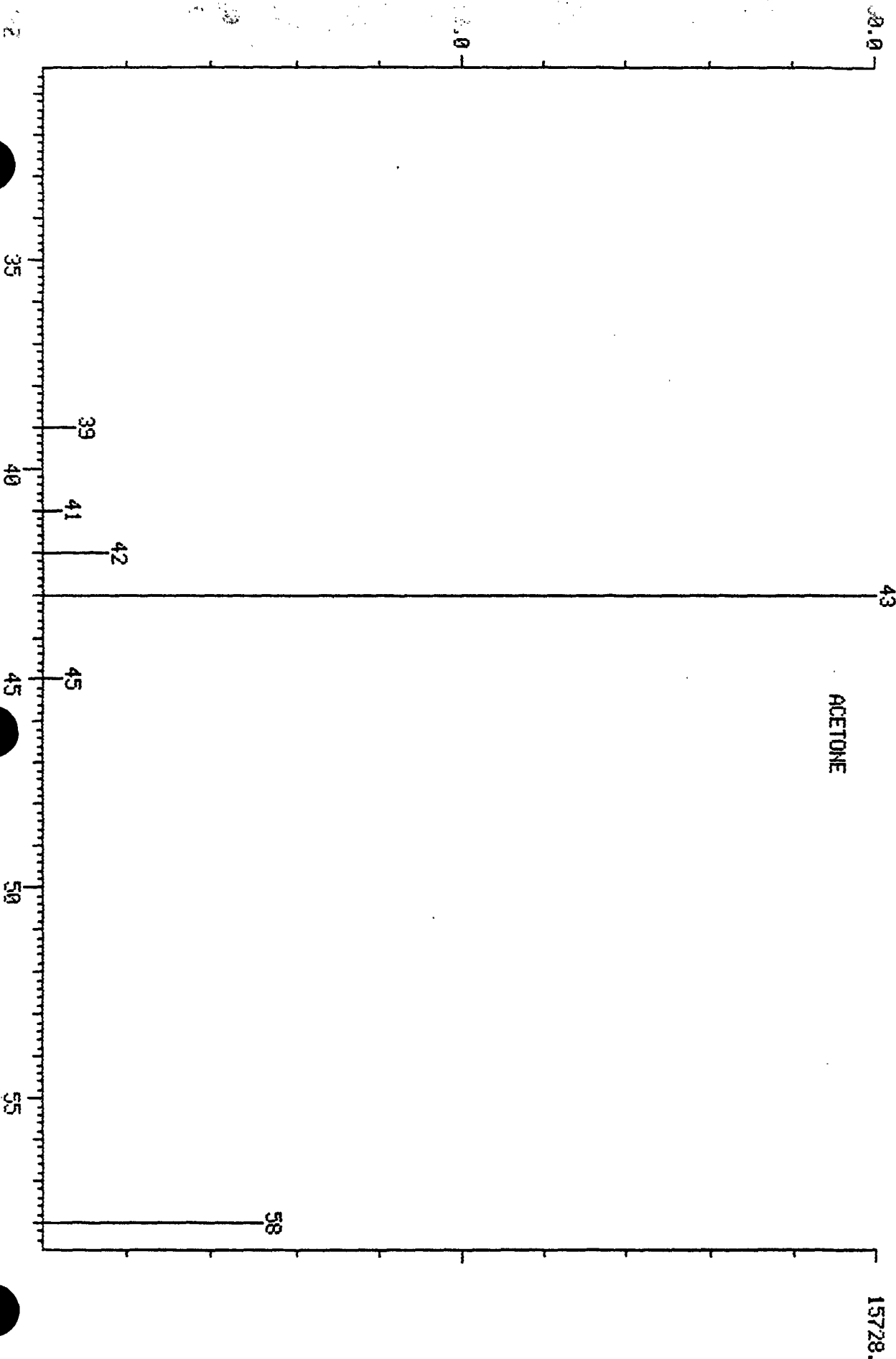
AR307479

000263

MASS SPECTRUM
02/06/92 9:03:00 + 2:46
SAMPLE: USTD050, 250NG UOL STD, SML
COND.: 510000
GC TEMP: 8 DEG. C
ENHANCED (S 158 2N 0T)

DATA: UOE1980 #128
CALL: UOE1980 #2

BASE M/Z: 43
RIC: 22400.



ACETONE

000164

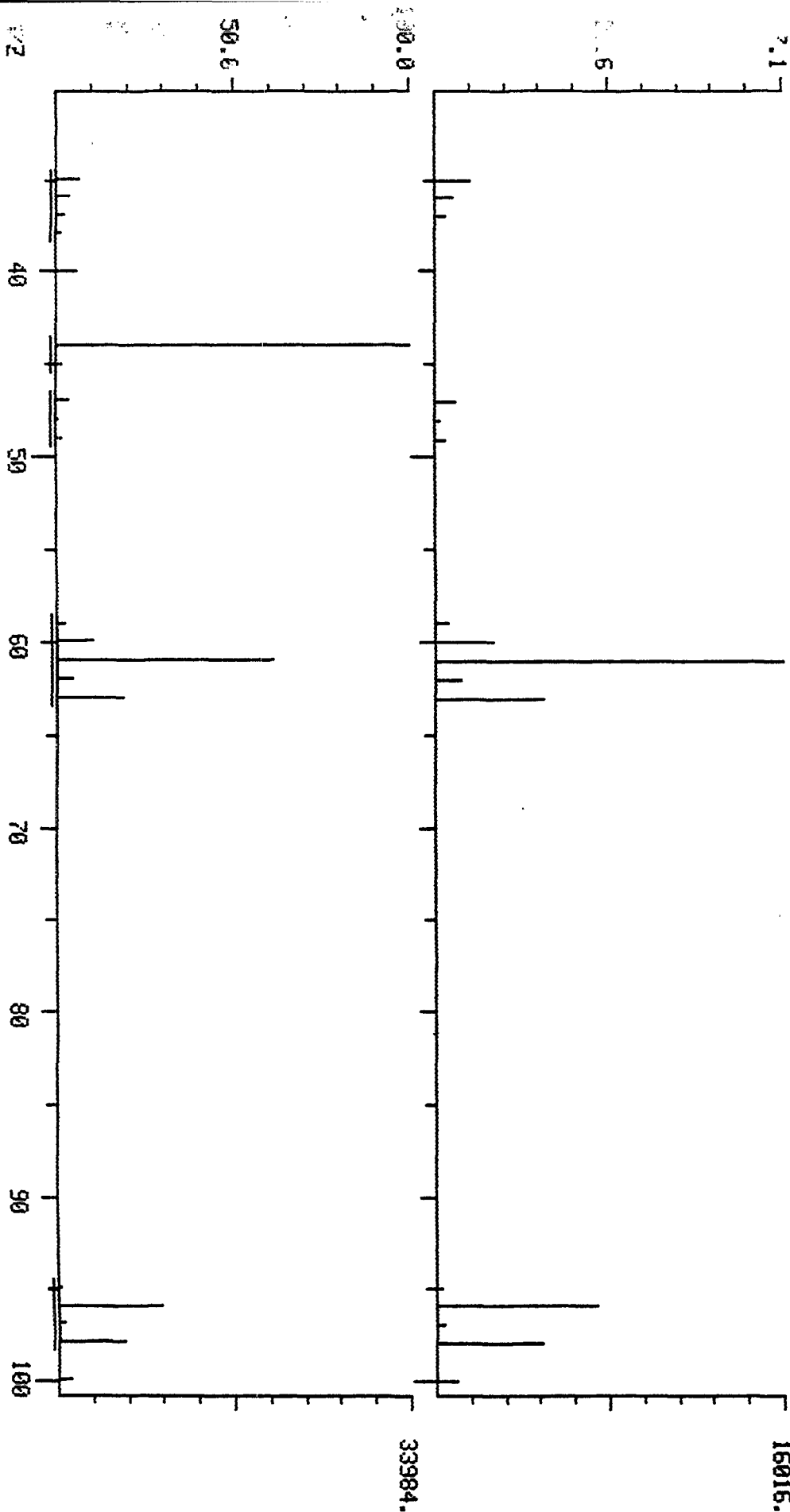
AR307480

DUAL MASS SPECTRUM
02/06/92 11:00:00 + 2:40
SAMPLE: 42764101, MW21AW, 3.5ML/5ML
CONDS.: 510000
GC TEMP: 8 DEG. C
ENHANCED (S 158 2N 0T)

DATA: W0E1983 #123
CALI: W0E1983 #2

BASE M/Z: 61 / 44
RIC: 43967. / 94079.

1,1-DICHLOROETHENE



AR307481

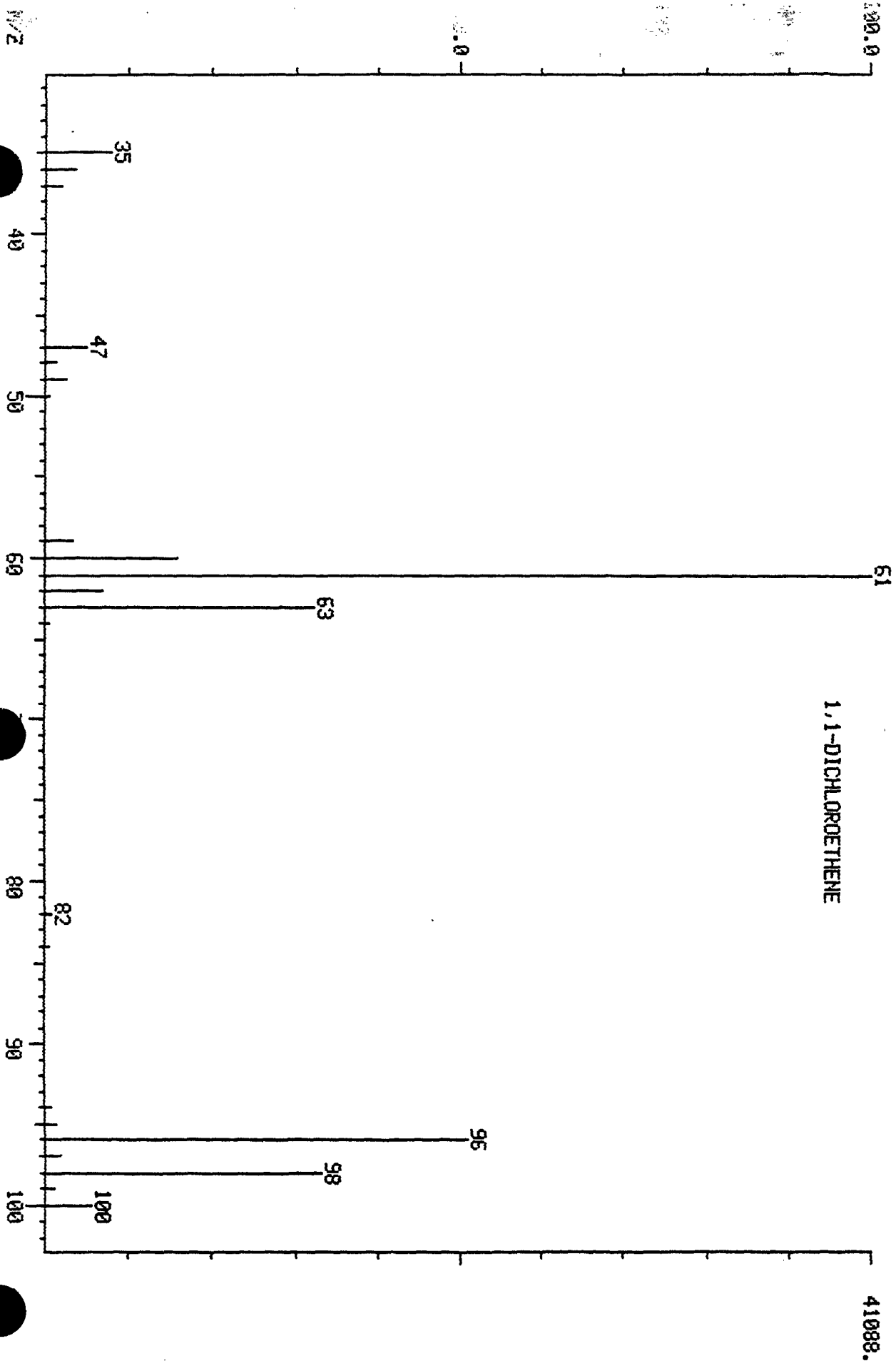
000165

MASS SPECTRUM
02/06/92 9:03:00 + 2:39
SAMPLE: USTD050, 250NG VOL STD, 5ML
COND5.: 510000
GC TEMP: 8 DEG. C
ENHANCED (S 158 2N 0T)

DATA: U0E1980 #122
CALI: U0E1980 #2

BASE M/Z: 61
RIC: 114560.

1,1-DICHLOROETHENE



AR307482

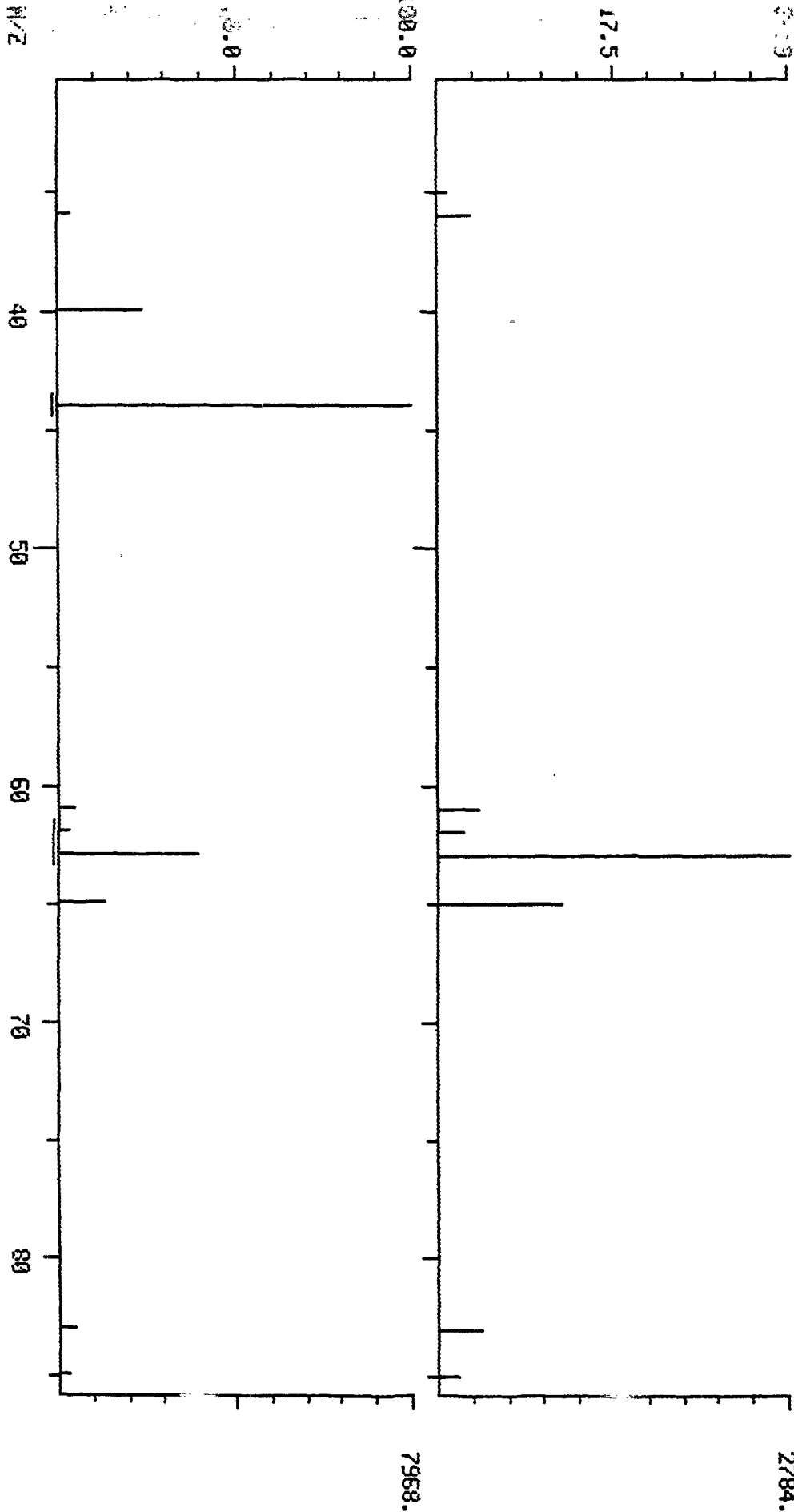
114560

DUAL MASS SPECTRUM
02/06/92 11:00:00 + 4:52
SAMPLE: 42764101, MW21AM, 3.5ML/5ML
COND5.: 510000
GC TEMP: 14 DEG. C
ENHANCED (5 158 2N 0T)

DATA: V0E1983 #225
CALI: V0E1983 #2

BASE M/Z: 63/ 44
RIC: 5119./ 15455.

1,1-DICHLOROETHANE



AR307483

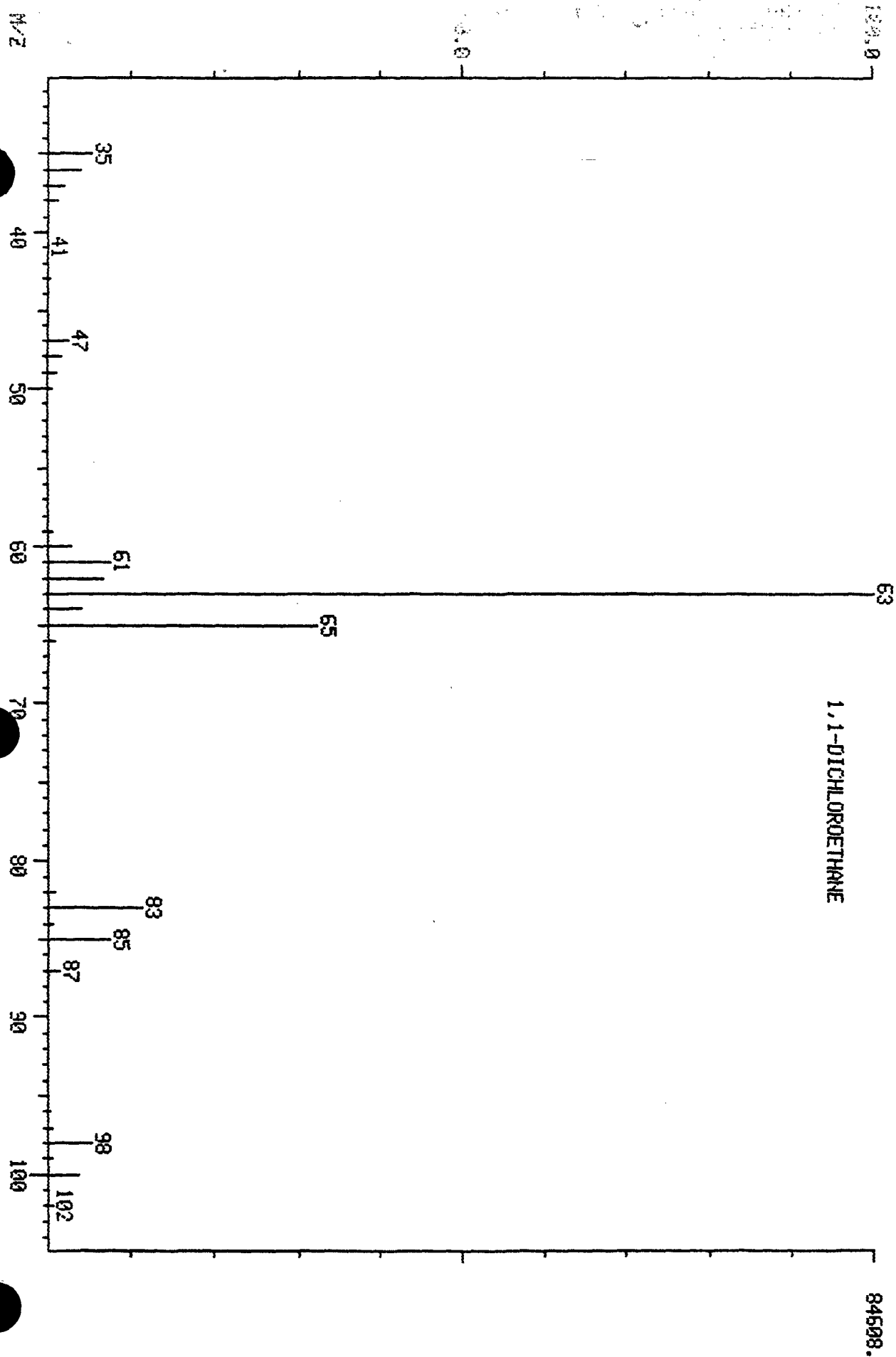
000167

MASS SPECTRUM
02/06/92 9:03:00 + 4:52
SAMPLE: USTD050, 250NG VOL STD, SML
COND5.: 510000
GC TEMP: 14 DEG. C
ENHANCED (S 158 2N 0T)

DATA: UDE1980 #225
CALL: UDE1980 #2

BASE M/Z: 63
RIC: 17312.

1,1-DICHLOROETHANE



AR307484

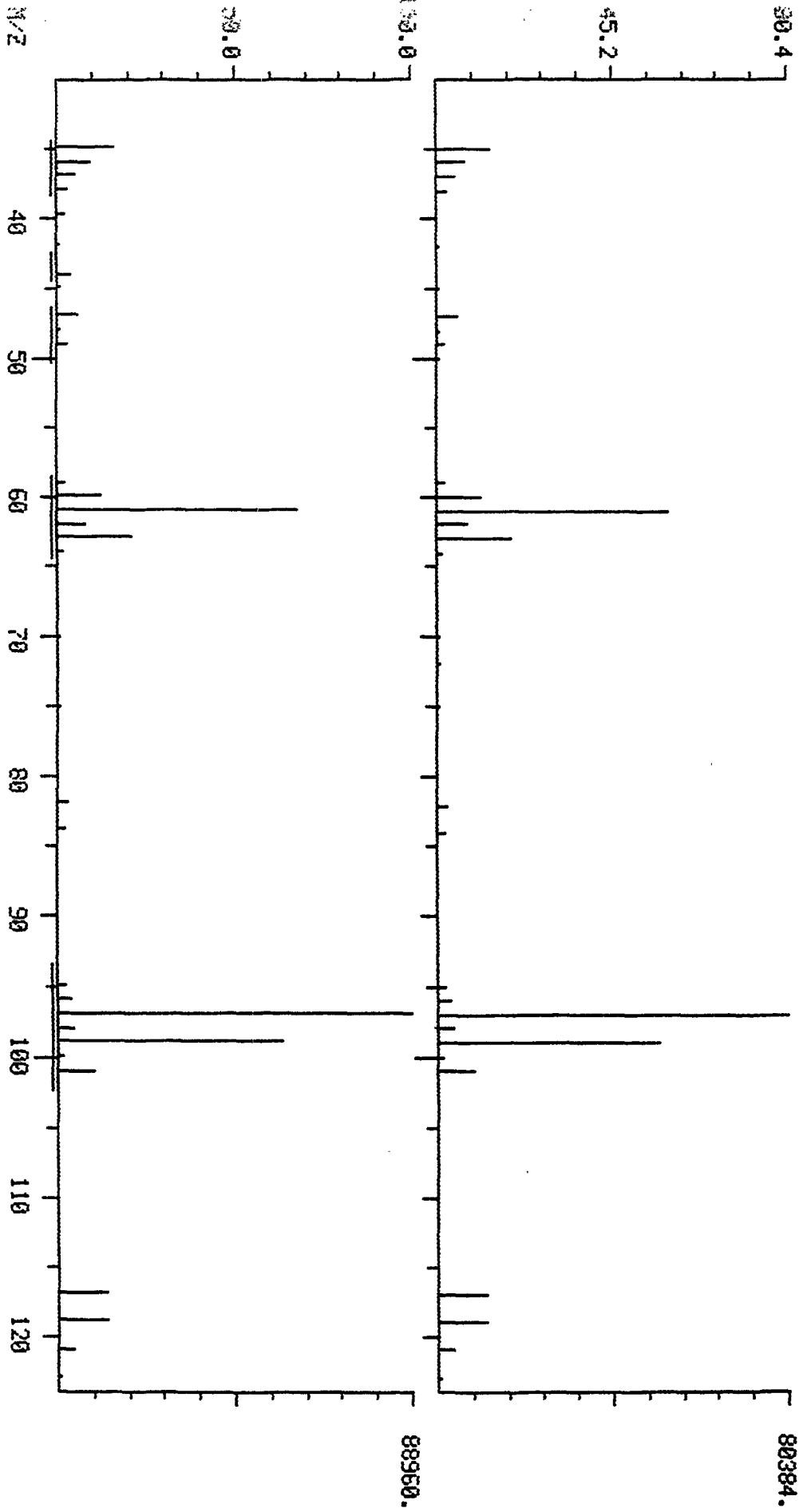
00 1 1 1

DUAL MASS SPECTRUM
02/06/92 11:00:00 + 7:05
SAMPLE: 42764101, M121AN, 3.5ML/5ML
COND5.: 510600
GC TEMP: 27 DEG. C
ENHANCED (5 158 2N 0T)

DATA: V0E1983 #327
CALI: V0E1983 #2

BASE M/Z: 97/ 97
RIC: 304639./ 345599.

1,1,1-TRICHLOROETHANE



AR307485

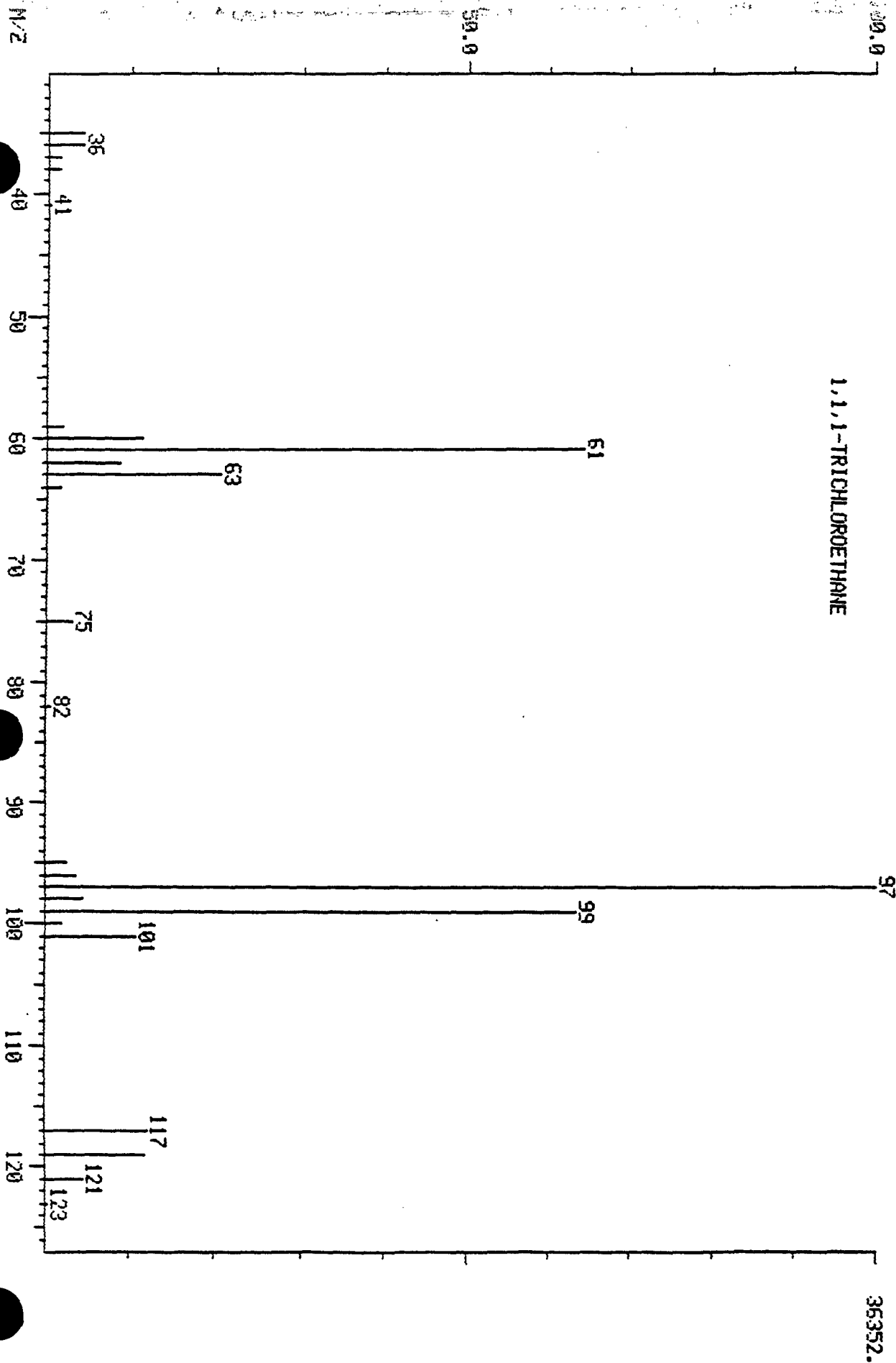
001000

MASS SPECTRUM
02/06/92 9:03:00 + 7:04
SAMPLE: UST0050, 250NG VOL STD, SML
COND.S.: 510000
GC TEMP: 27 DEG. C
ENHANCED (S 158 2N 0T)

DATA: U0E1980 #326
CALL: U0E1980 #2

BASE M/Z: 97
RIC: 122752.

1,1,1-TRICHLOROETHANE



AR307486

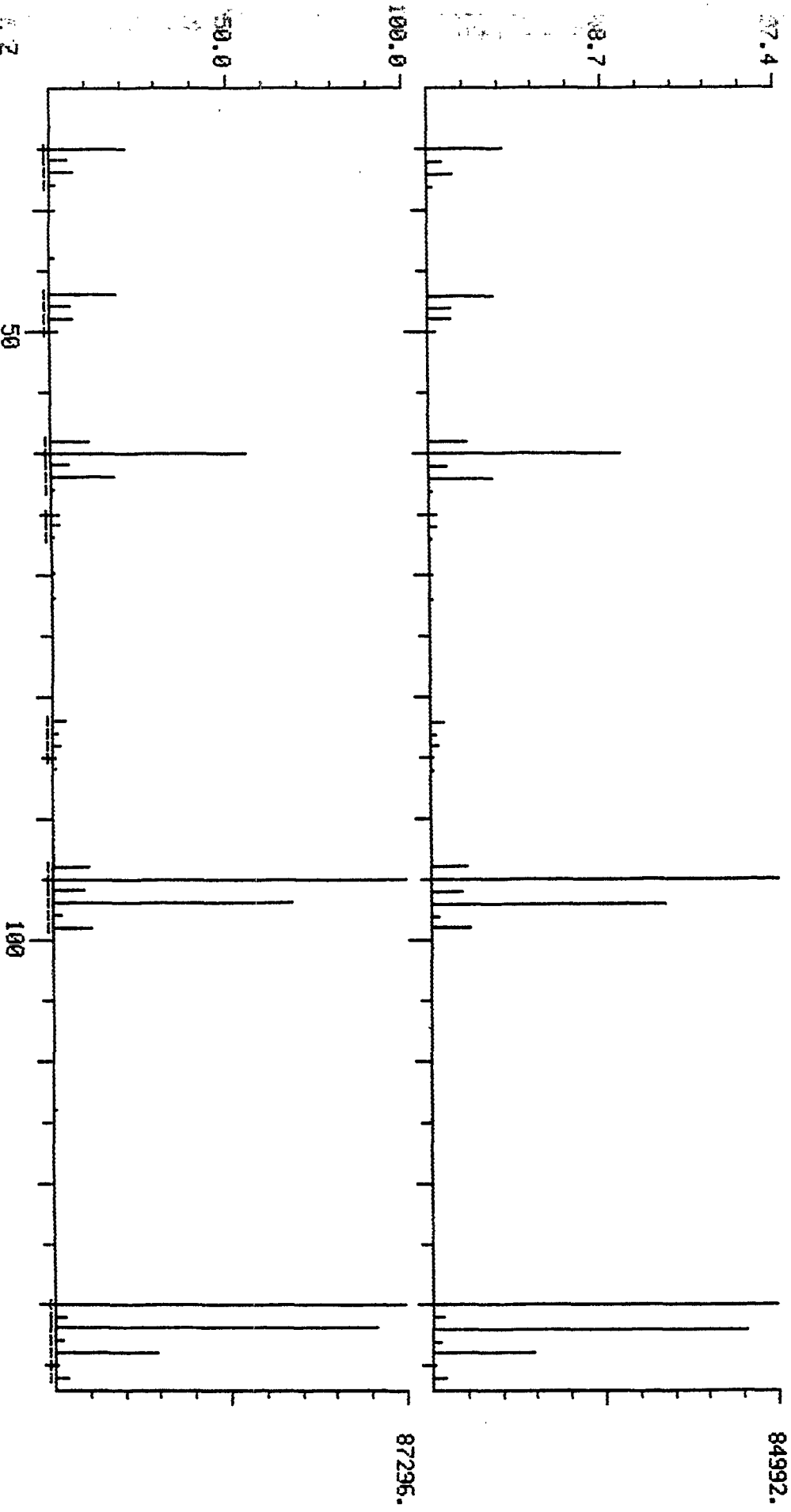
000170

DUAL MASS SPECTRUM
02/06/92 11:00:00 + 9:14
SAMPLE: 42764101, MW21AM, 3.5ML/5ML
CONDS.: 510000
GC TEMP: 40 DEG. C
ENHANCED (S 158 2N 0T)

DATA: V0E1983 #426
CALL: V0E1983 #2

BASE M/Z: 95/
RIC: 509951./ 528383.

TRICHLOROETHENE



AR307487

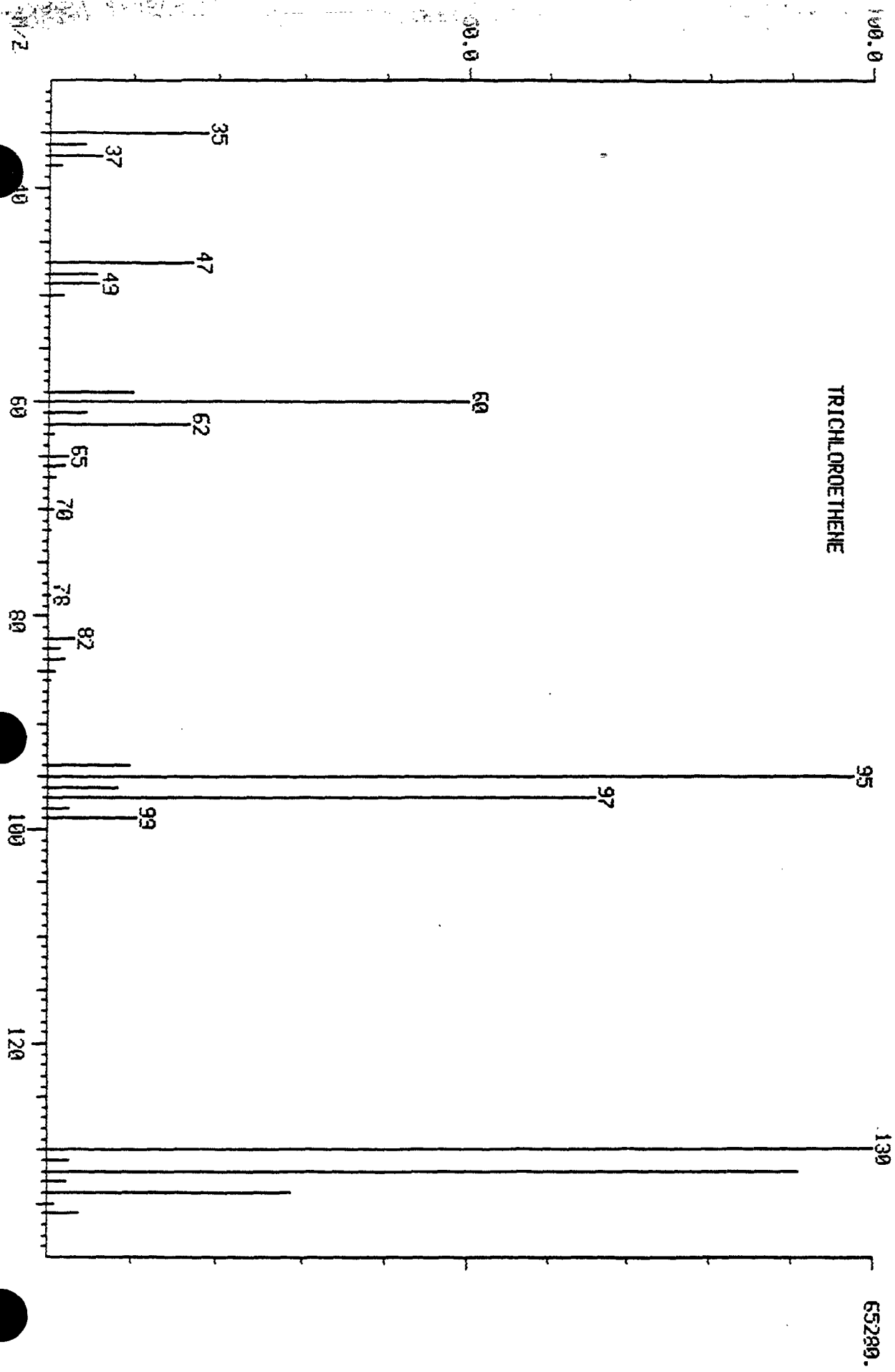
000171

MASS SPECTRUM
02/06/92 9:03:00 + 9:12
SAMPLE: USTD050, 250NG VOL STD, SML
CONDS.: 510000
GC TEMP: 40 DEG. C
ENHANCED (S 158 2N 0T)

DATA: UOE1980 #425
CALL: UOE1980 #2

BASE M/Z: 130
RIC: 377856.

TRICHLOROETHENE



AR307488

000172

MW21BF

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42768101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOE1984

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/06/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 83.30

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	830.	U
74-83-9	Bromomethane	830.	U
75-01-4	Vinyl Chloride	830.	U
75-00-3	Chloroethane	830.	U
75-09-2	Methylene Chloride	830.	U
67-64-1	Acetone	410.	J
75-15-0	Carbon Disulfide	830.	U
75-35-4	1,1-Dichloroethene	2800.	
75-34-3	1,1-Dichloroethane	210.	J
540-59-0	1,2-Dichloroethene (total)	830.	U
67-66-3	Chloroform	830.	U
107-06-2	1,2-Dichloroethane	830.	U
78-93-3	2-Butanone	290.	J
71-55-6	1,1,1-Trichloroethane	13000.	
56-23-5	Carbon Tetrachloride	830.	U
75-27-4	Bromodichloromethane	830.	U
78-87-5	1,2-Dichloropropane	830.	U
10061-01-5	cis-1,3-Dichloropropene	830.	U
79-01-6	Trichloroethene	9800.	
124-48-1	Dibromochloromethane	830.	U
79-00-5	1,1,2-Trichloroethane	830.	U
71-43-2	Benzene	830.	U
10061-02-6	trans-1,3-Dichloropropene	830.	U
75-25-2	Bromoform	830.	U
108-10-1	4-Methyl-2-Pentanone	830.	U
591-78-6	2-Hexanone	830.	U
127-18-4	Tetrachloroethene	830.	U
79-34-5	1,1,2,2-Tetrachloroethane	830.	U
108-88-3	Toluene	830.	U
108-90-7	Chlorobenzene	830.	U
100-41-4	Ethylbenzene	830.	U
100-42-5	Styrene	830.	U
1330-20-7	Xylene (total)	830.	U

000173

AR307489

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LAB SAMPLE NO. MW21BF

Lab Name: WADSWORTH/ALERT Contract: 68-D1-0085
 Lab Code: WADS Case No.: 87376 SAS No.: SDG No.: EQB-1
 Matrix: (soil/water) WATER Lab Sample ID: 42768101
 Sample wt/vol: 5.00 (g/ml) ML Lab File ID: VOE1984
 Level: (low/med) LOW Date Received: 1/30/92
 % Moisture: not dec. 0 Date Analyzed: 2/06/92
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 83.30
 Soil Extract Volume: 0.00 (uL) Soil Aliquot Volume: 0.00(uL)

Number TICs Found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

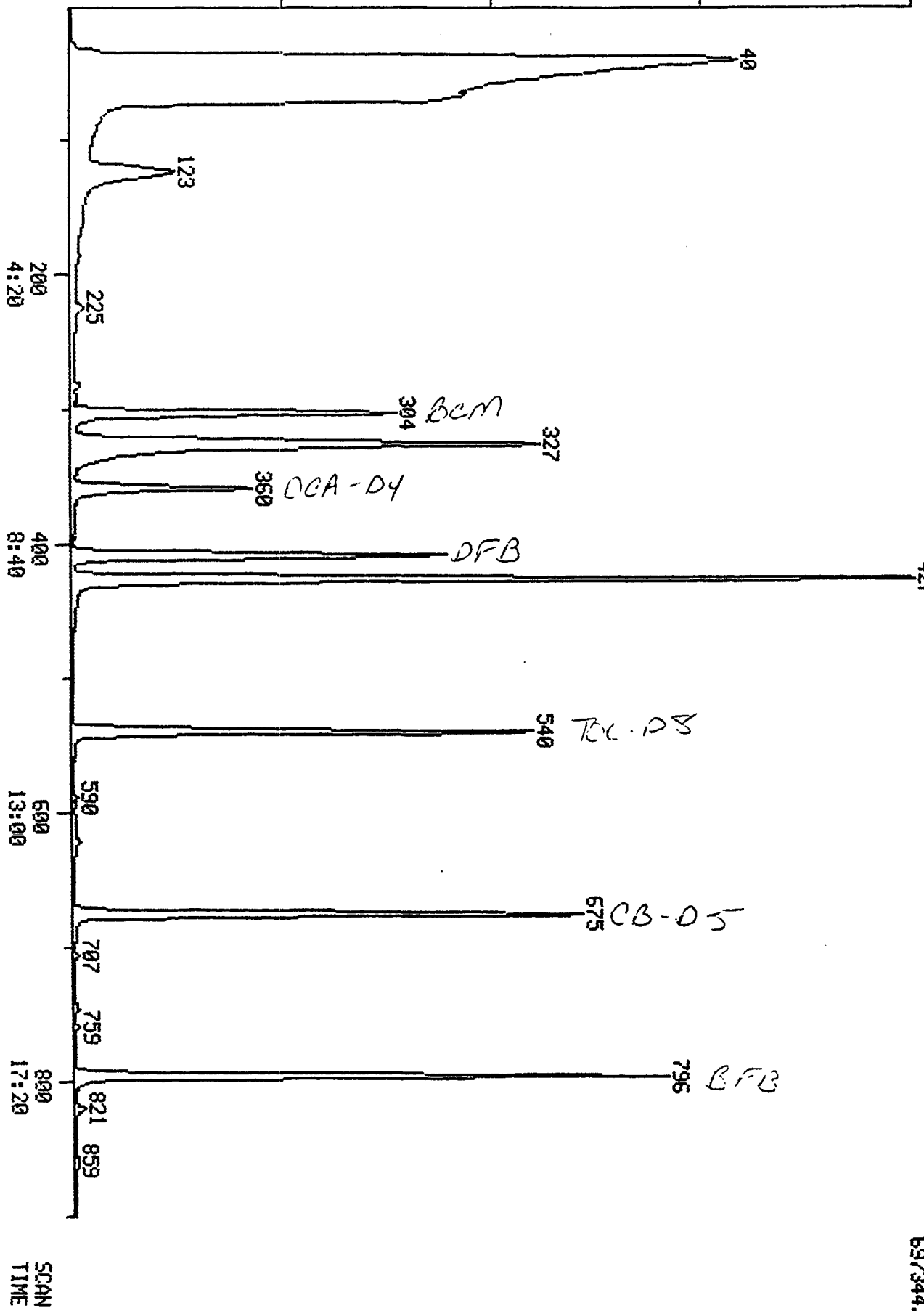
AR307490 000174

RIC
 02/06/92 11:35:00
 SAMPLE: 42768101, MW21BF, 60UL/5ML
 CONDS.: 510000
 RANGE: G 1,1100 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: V0E1984 #1
 CALL: V0E1984 #2

SCANS 1 TO 900

697344.



AR307491

000175

Data: VOE1984.TI

02/06/92 11:35:00

Sample: 42768101, MW21BF, 6OUL/5ML

Conds.: 510000

Formula:

Instrument: 5100

Weight: 0.004

Submitted by:

Analyst: RQ

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

000176

AR307492

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1, 2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	304	6:35	1	1.000	A BB	137132.	250.000 NG	7.57
2	114	409	8:52	2	1.000	A BB	508629.	250.000 NG	7.57
3	117	675	14:37	3	1.000	A BB	456472.	250.000 NG	7.57
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	43	127	2:45	1	0.418	A BB	7759.	24.616 NG	0.74
10	NOT FOUND								
11	96	123	2:40	1	0.405	A BB	114478.	165.989 NG	5.02
12	63	225	4:52	1	0.740	A BB	21221.	12.796 NG	0.39
13	NOT FOUND								
14	NOT FOUND								
15	62	366	7:56	1	1.204	A BB	1101.	1.154 NG	0.03
16	43	293	6:21	1	0.964	A BB	9442.	17.599 NG	0.53
17	97	327	7:05	2	0.800	A BB	716830.	809.481 NG	24.50
18	117	327	7:05	2	0.800	A BB	105959.	119.637 NG	3.62
19	43	242	5:15	2	0.592	A BB	483.	0.286 NG	0.01
20	NOT FOUND								
21	NOT FOUND								
22	75	519	11:15	2	1.269	A BB	415.	0.369 NG	0.01
23	130	426	9:14	2	1.042	A BB	528798.	585.536 NG	17.72
24	129	623	13:30	2	1.523	A BB	713.	0.566 NG	0.02
25	97	590	12:47	2	1.443	A BB	3229.	3.886 NG	0.12
26	78	361	7:49	2	0.883	A BB	494.	0.250 NG	0.01
27	NOT FOUND								
28	173	759	16:27	2	1.856	A BB	3035.	2.951 NG	0.09
29	43	541	11:43	3	0.801	A BB	17471.	14.833 NG	0.45
30	43	622	13:29	3	0.921	A BB	8408.	9.016 NG	0.27
31	164	595	12:53	3	0.881	A BB	761.	1.055 NG	0.03
32	83	821	17:47	3	1.216	A BB	10763.	6.839 NG	0.21
33	92	546	11:50	3	0.809	A BB	944.	0.749 NG	0.02
34	112	677	14:40	3	1.003	A BB	1842.	0.986 NG	0.03
35	106	707	15:19	3	1.047	A BB	2214.	2.943 NG	0.09
36	104	747	16:11	3	1.107	A BB	1336.	0.783 NG	0.02
37	106	707	15:19	3	1.047	A BB	2214.	2.161 NG	0.07
38	98	540	11:42	3	0.800	A BB	523464.	250.522 NG	7.58
39	95	796	17:15	3	1.179	A BB	425027.	245.465 NG	7.43
40	65	360	7:48	1	1.184	A BB	235311.	242.305 NG	7.33
41	NOT FOUND								
42	106	745	16:08	3	1.104	A BB	1368.	1.269 NG	0.04
43	146	905	19:36	3	1.341	A BB	4092.	2.241 NG	0.07
44	146	951	20:36	3	1.409	A BB	3497.	2.038 NG	0.06
45	146	915	19:49	3	1.356	A BB	4710.	2.495 NG	0.08
46	NOT FOUND								
47	53	186	4:02	1	0.612	A BB	4080.	19.679 NG	0.60
48	NOT FOUND								
49	NOT FOUND								
50	96	283	6:08	1	0.931	A BB	3196.	4.109 NG	0.12

AR307493

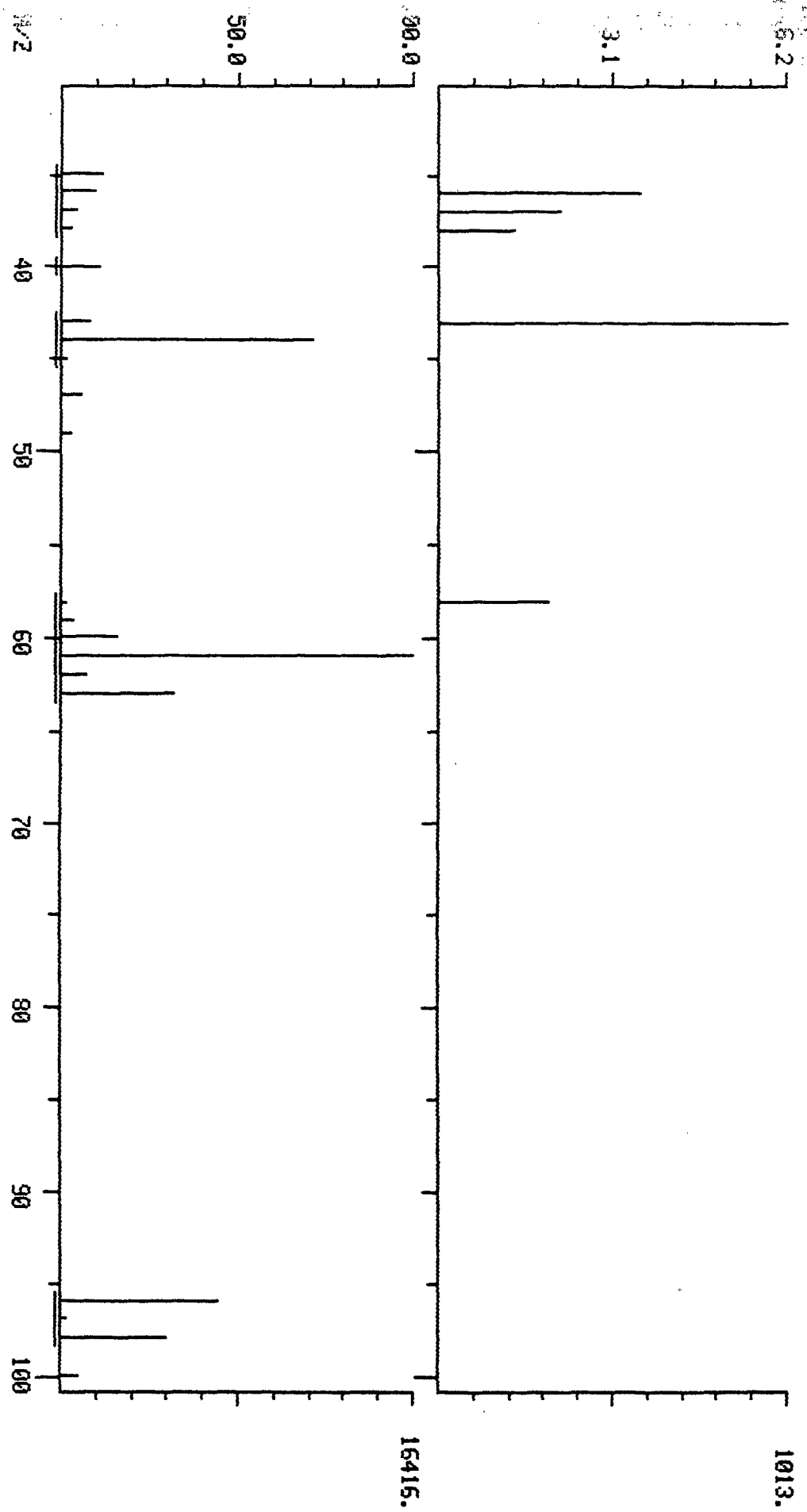
008177

DUAL MASS SPECTRUM
02/06/92 11:35:00 + 2:45
SAMPLE: 42768101, MU21BF, 60UL/5ML
COND.: 510000
GC TEMP.: 8 DEG. C
ENHANCED (5 15B 2N 0T)

DATA: U0E1984 #127
CALI: U0E1984 #2
BASE M/Z: 43/
RIC: 2487./ 60543.

000178

ACETONE



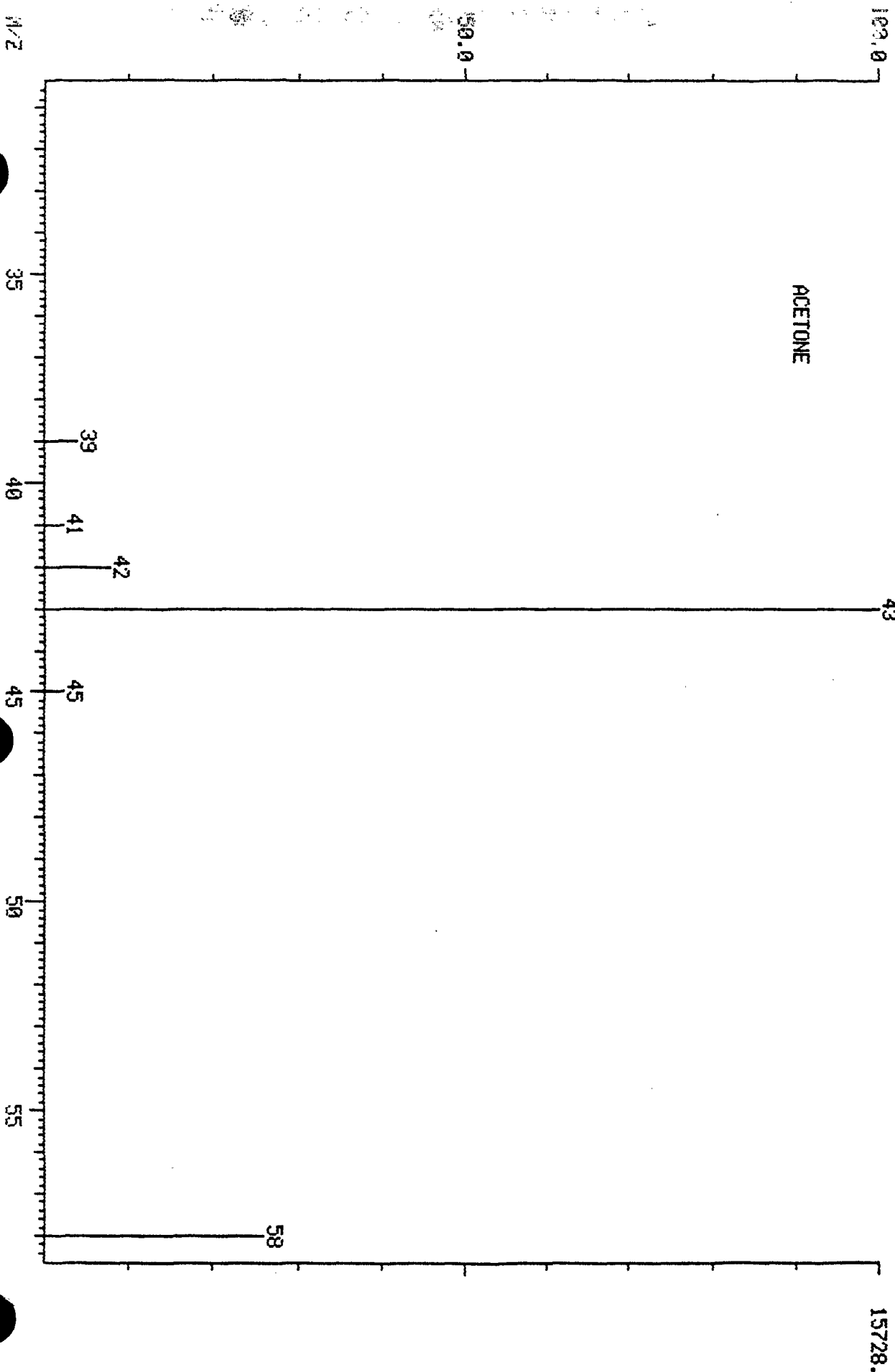
AR307494

MASS SPECTRUM
02/06/92 9:03:00 + 2:46
SAMPLE: USTD050, 250NG VOL STD, 5ML
COND5.: 510000
GC TEMP: 8 DEG. C
ENHANCED (S 158 2N 0T)

DATA: UOE1980 #128
CALL: UOE1980 #2

BASE M/Z: 43
RIC: 22400.

ACETONE



000179

AR307495

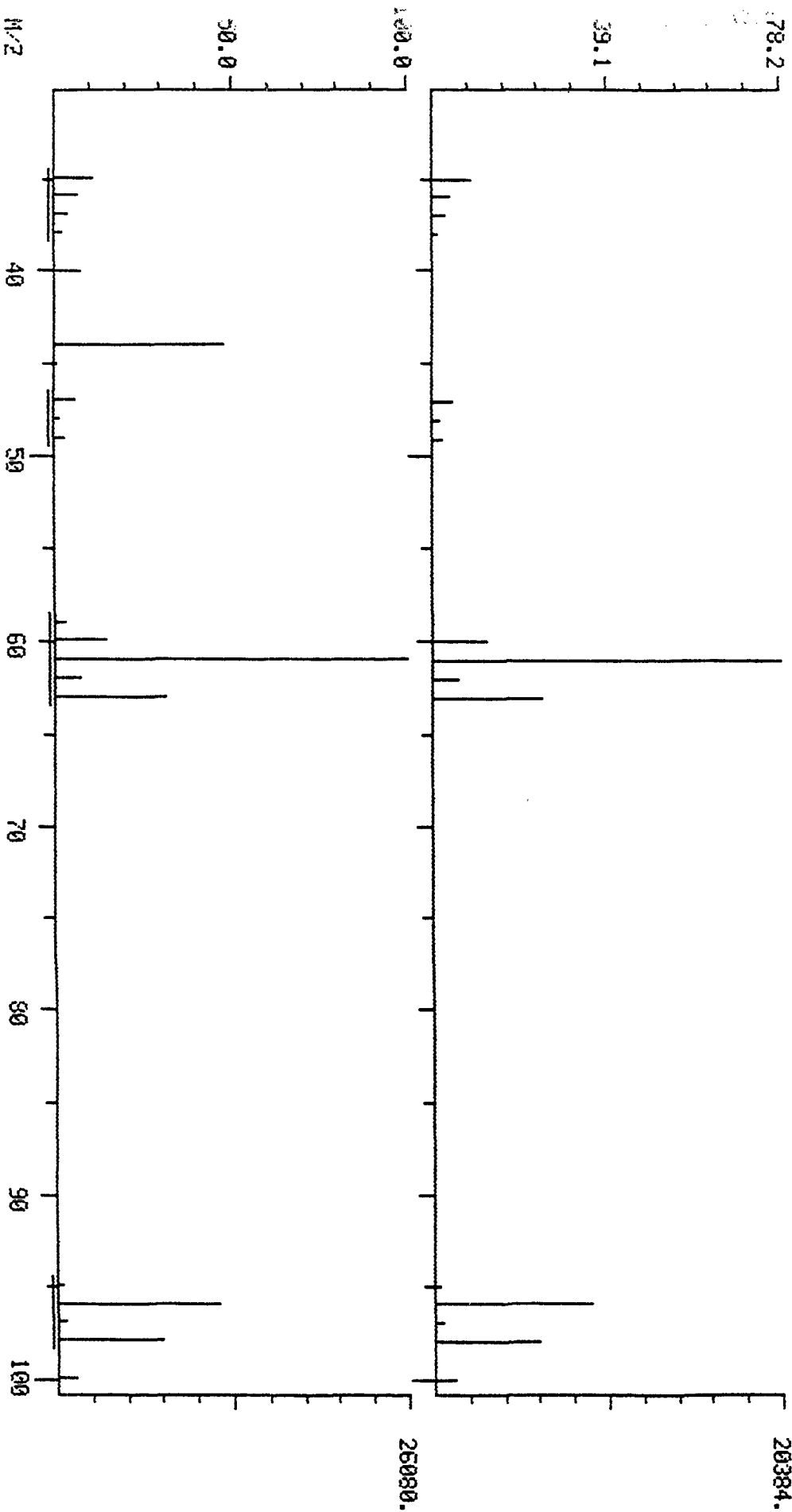
DUAL MASS SPECTRUM
02/06/92 11:35:00 + 2:40
SAMPLE: 42768101, MM21BF, 60UL/5ML
CONDS.: 510000
GC TEMP: 8 DEG. C
ENHANCED (5 158 2N 0T)

DATA: V0E1984 #123
CALI: V0E1984 #2

BASE M/Z: 61 / 61
RIC: 55039. / 85759.

000100

1,1-DICHLOROETHENE



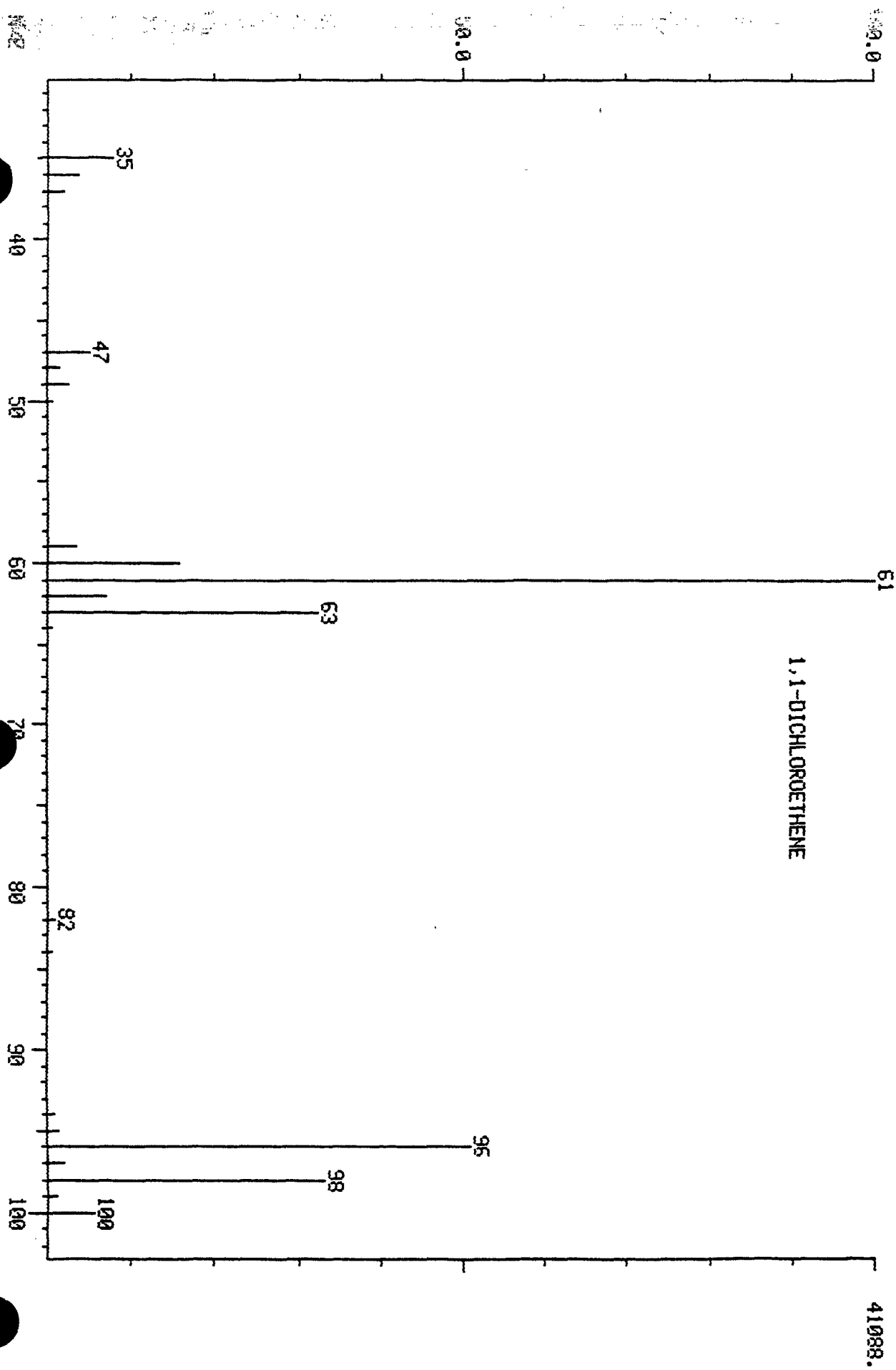
AR307496

MASS SPECTRUM
02/06/92 9:03:00 + 2:39
SAMPLE: USTD050, 250NG VOL STD, SML
COND5.: 510000
GC TEMP: 8 DEG. C
ENHANCED (S 158 2N 0T)

DATA: V0E1980 #122
CALL: V0E1980 #2

BASE M/Z: 61
RIC: 114560.

1,1-DICHLOROETHENE



000191

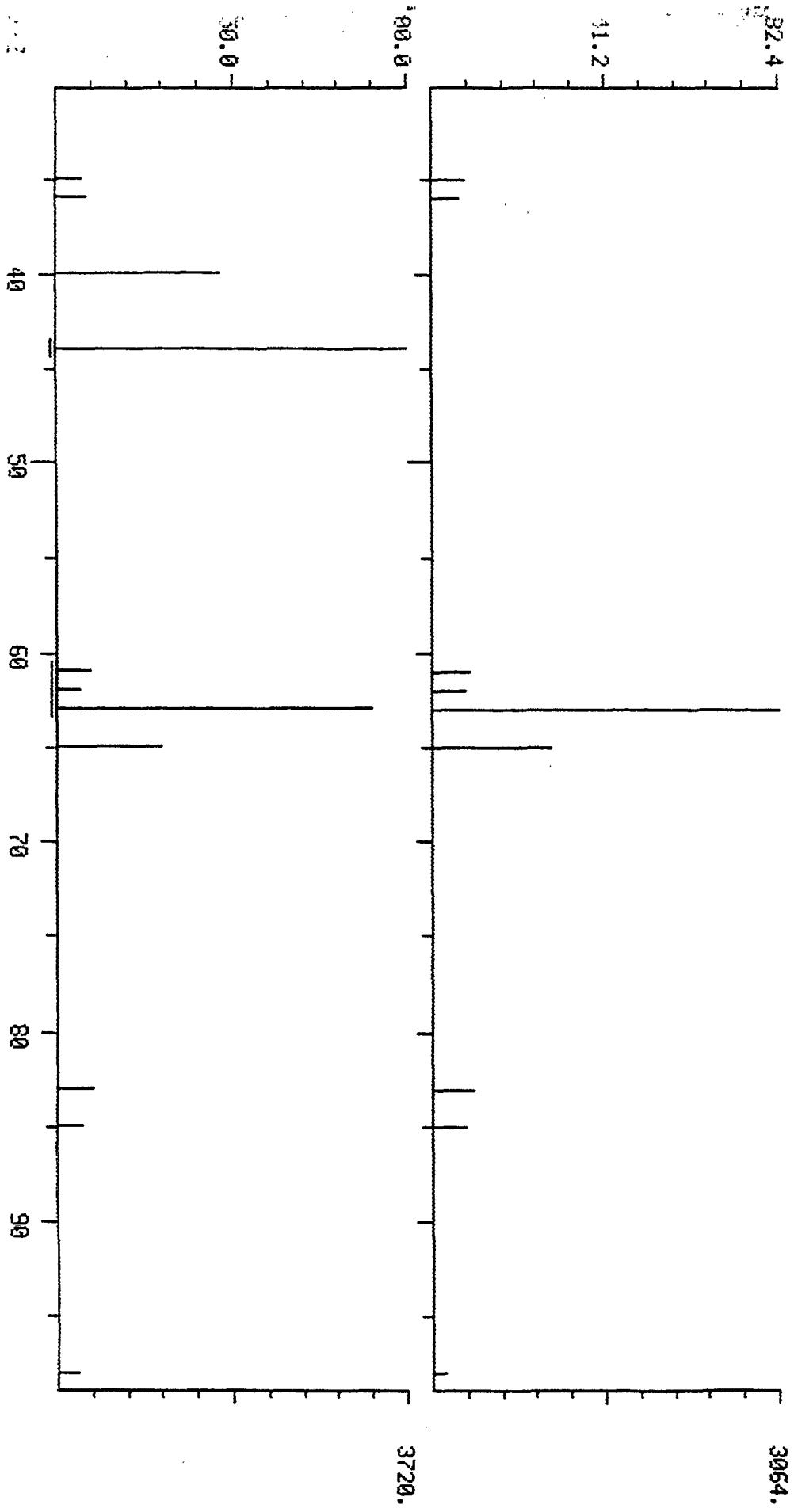
AR307497

DUAL MASS SPECTRUM
02/06/92 11:35:00 + 4:52
SAMPLE: 42768101, MW2IBF, 60UL/5ML
COND.S.: 510000
GC TEMP: 14 DEG. C
ENHANCED (S 158 2N 0T)

DATA: U0E1984 #225
CALL: U0E1984 #2

BASE M/Z: 63/ 44
RIC: 6023./ 11919.

1,1-DICHLOROETHANE



AR307498

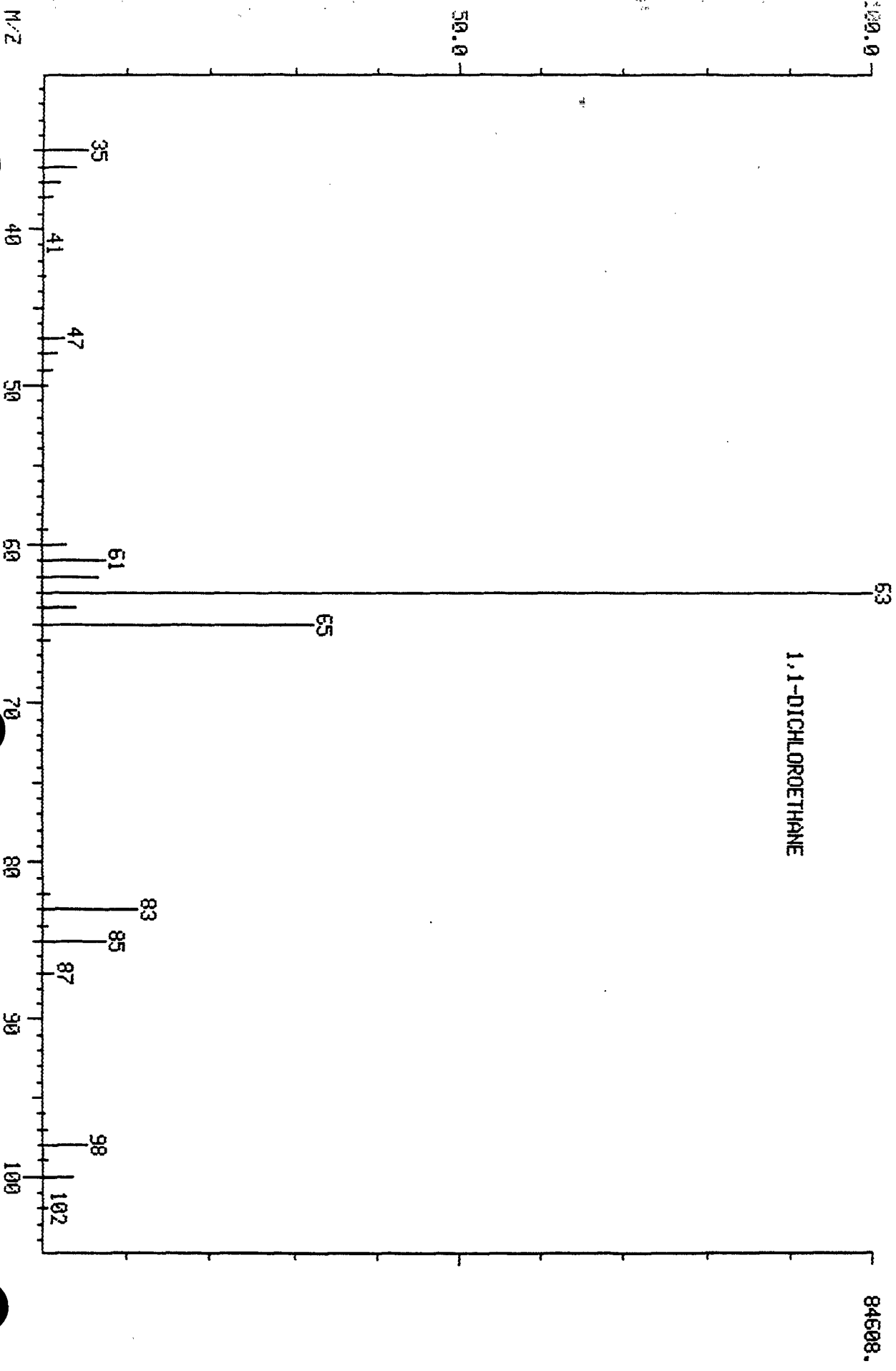
000400

MASS SPECTRUM
02/06/92 9:03:00 + 4:52
SAMPLE: UST0050, 250NG VOL STD, 5ML
COND5.: 510000
GC TEMP: 14 DEG. C
ENHANCED (S 158 2N 0T)

DATA: V0E1980 #225
CALL: V0E1980 #2

BASE M/Z: 63
RIC: 173312.

1,1-DICHLOROETHANE



00198

AR307499

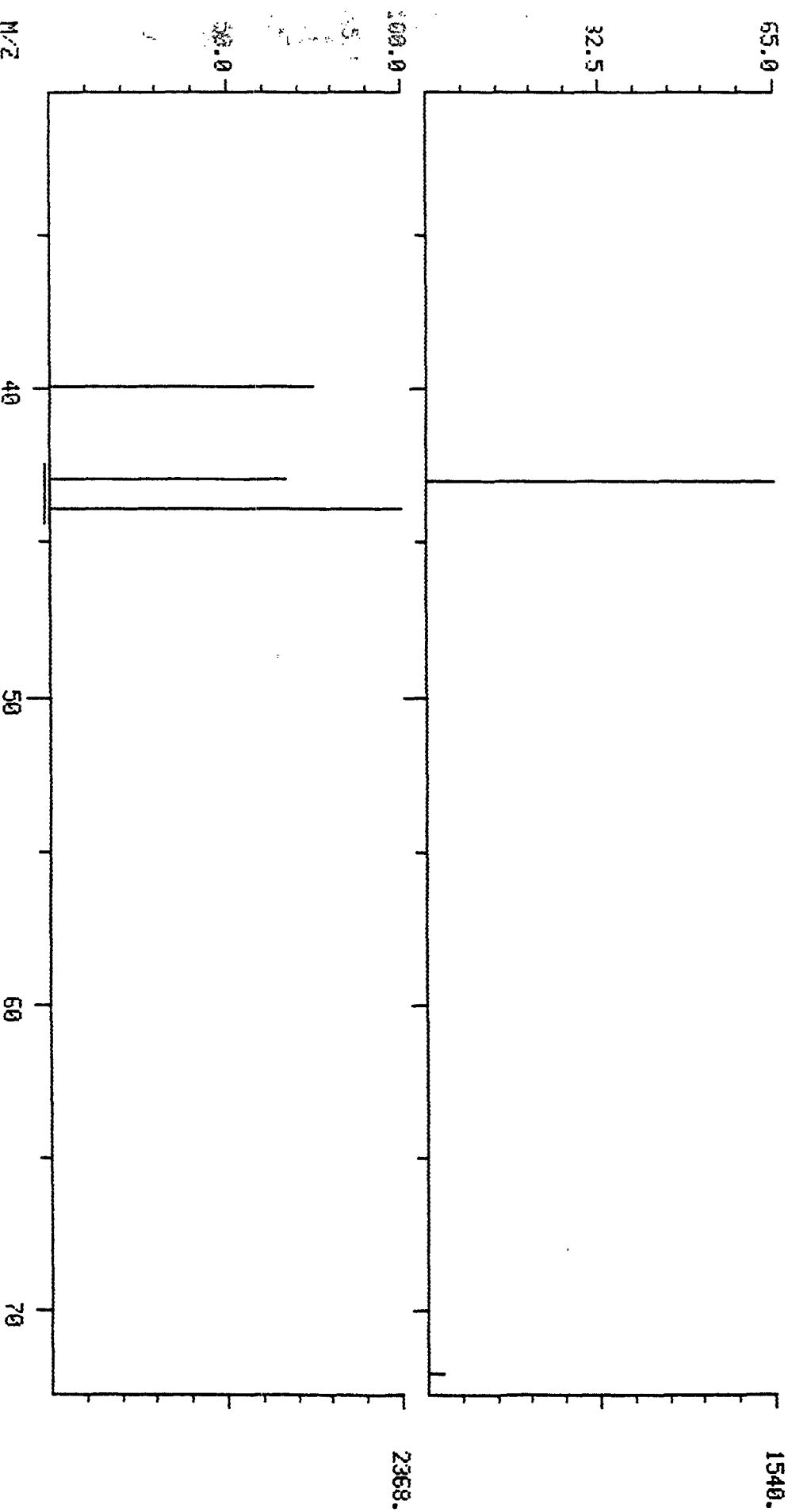
DUAL MASS SPECTRUM
02/06/92 11:35:00 + 6:21
SAMPLE: 42768101, MM21BF, 60UL/5ML
CONDS.: 510000
GC TEMP: 23 DEG. C
ENHANCED (5 15R 2H 0T)

DATA: U0E1984 #293
CALI: U0E1984 #2

BASE M/Z: 43/ 44
RIC: 1607./ 5719.

54
104
000
000

2-BUTANONE

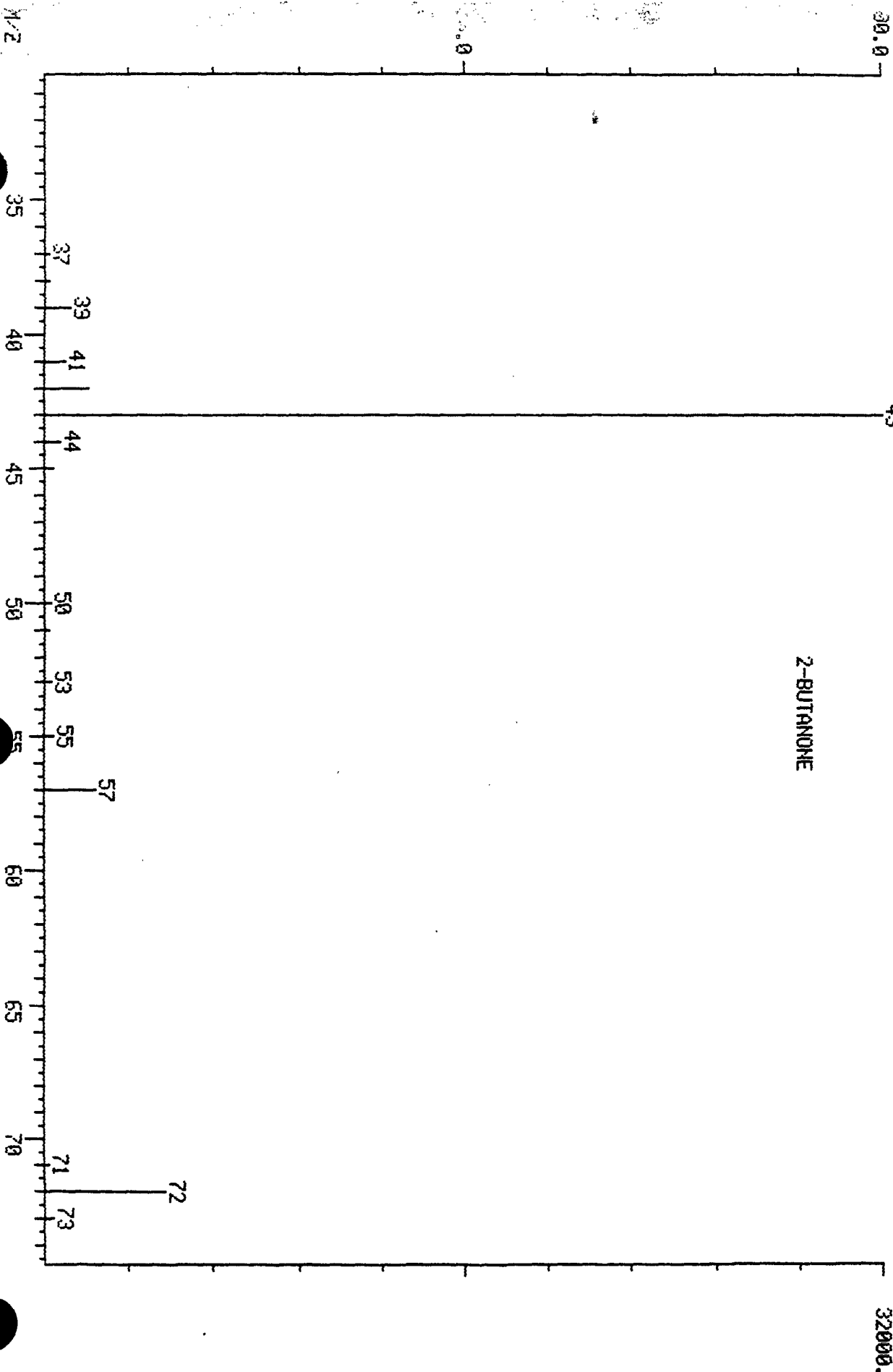


AR307500

MASS SPECTRUM
02/06/92 9:03:00 + 6:20
SAMPLE: USTD050, 250NG VOL STD, 5ML
COND.: 510000
GC TEMP: 23 DEG. C
ENHANCED (S 158 2N 0T)

DATA: V0E1980 #292
CALI: V0E1980 #2

BASE M/Z: 43
RIC: 44854.



000185

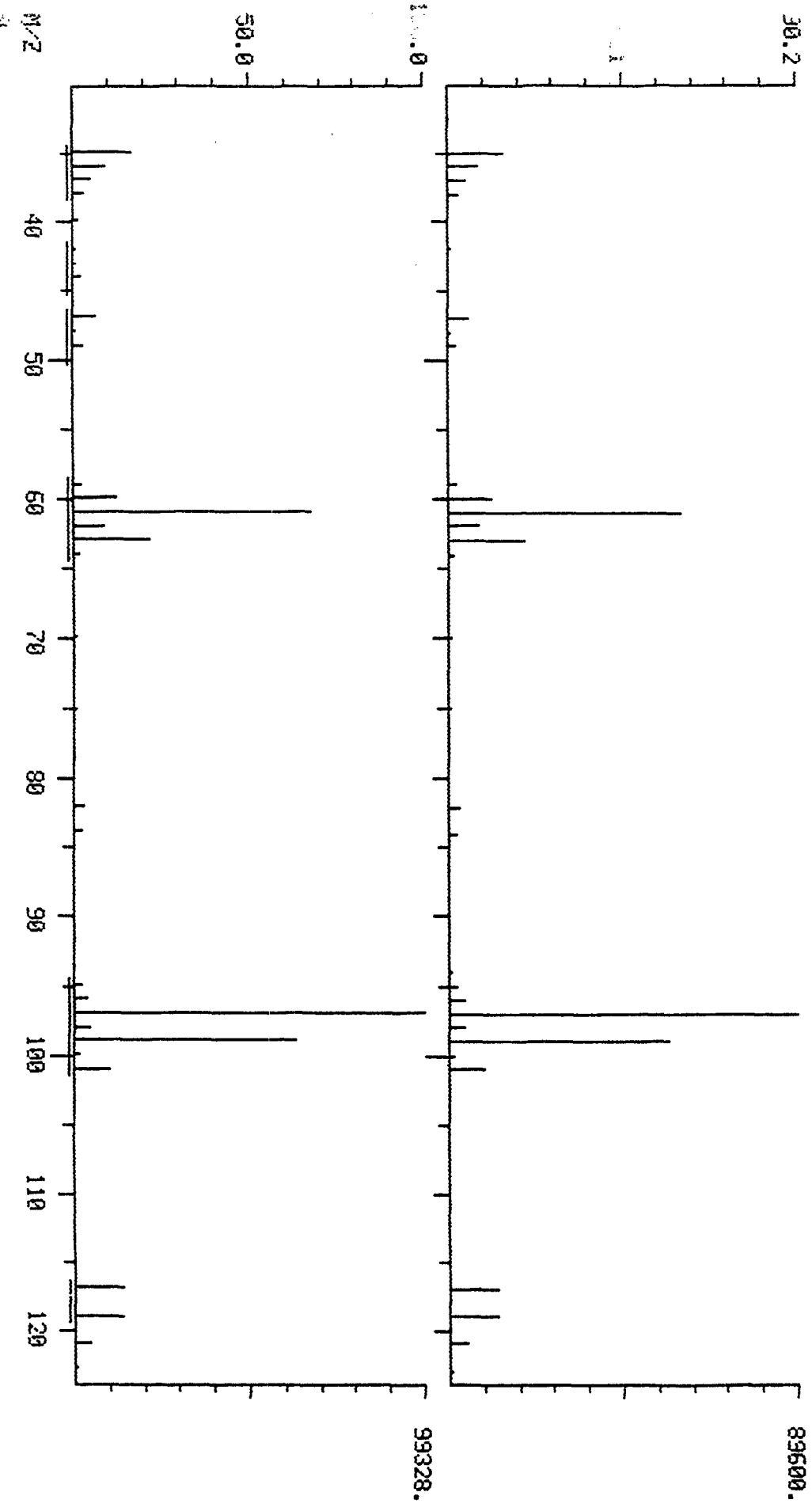
AR307501

JUL MASS SPECTRUM
02/06/92 11:35:00 + 7:05
SAMPLE: 42768101, MM21BF, 60UL/5ML
COND5.: 510000
GC TEMP: 27 DEG. C
ENHANCED (5 158 2N 0T)

DATA: V0E1984 #327
CALI: V0E1984 #2

BASE M/Z: 57 / 57
RIC: 342015. / 386047.

1,1,1-TRICHLOROETHANE



AR307502

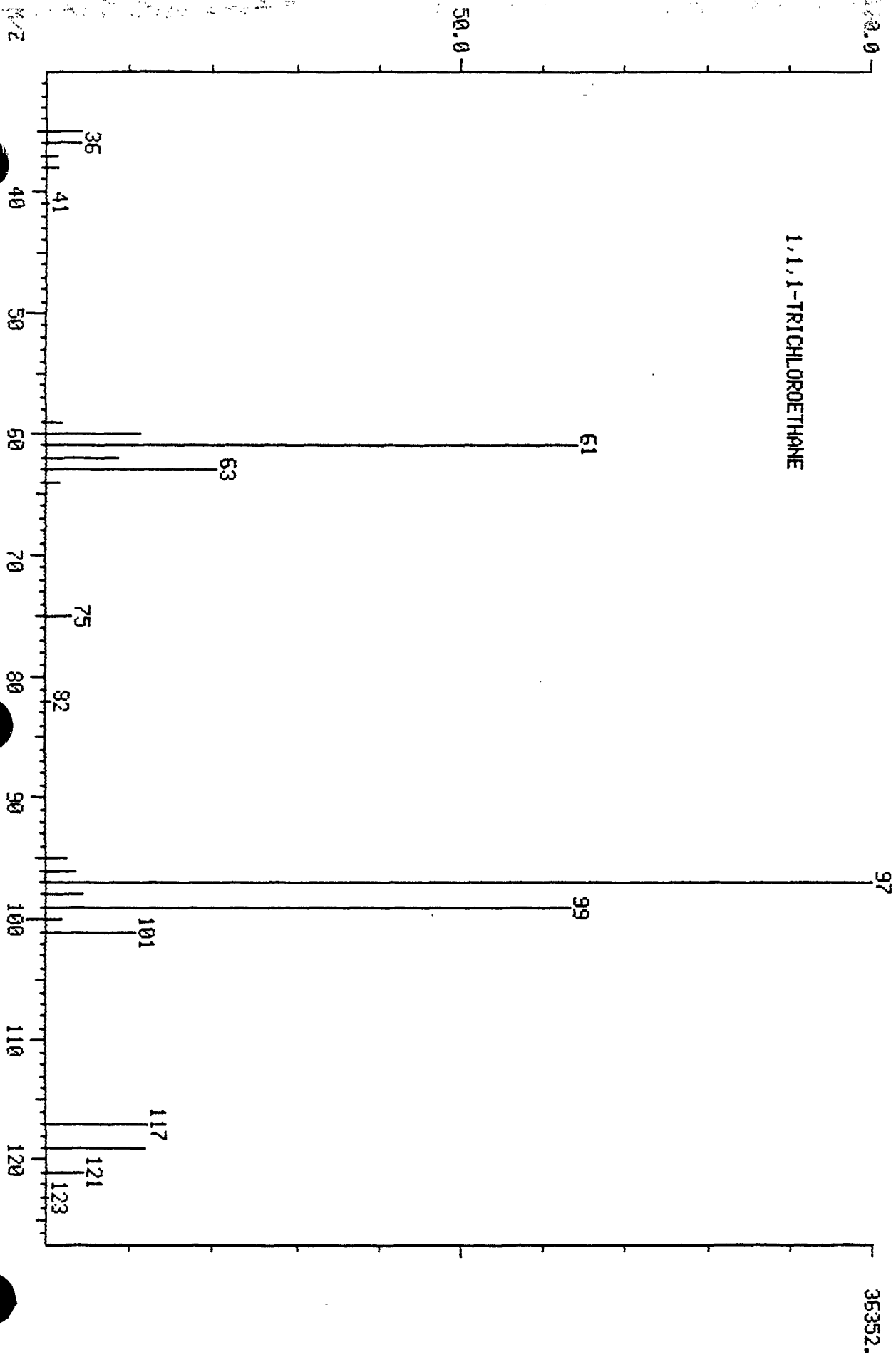
000156

MASS SPECTRUM
02/06/92 9:03:00 + 7:04
SAMPLE: USTD050, 250NG UOL STD, 5ML
COND.: 510000
GC TEMP: 27 DEG. C
ENHANCED (<S 158 2N 0T)

DATA: U0E1980 #326
CALL: U0E1980 #2

BASE M/Z: 97
RIC: 122752.

1,1,1-TRICHLOROETHANE



000187

AR307503

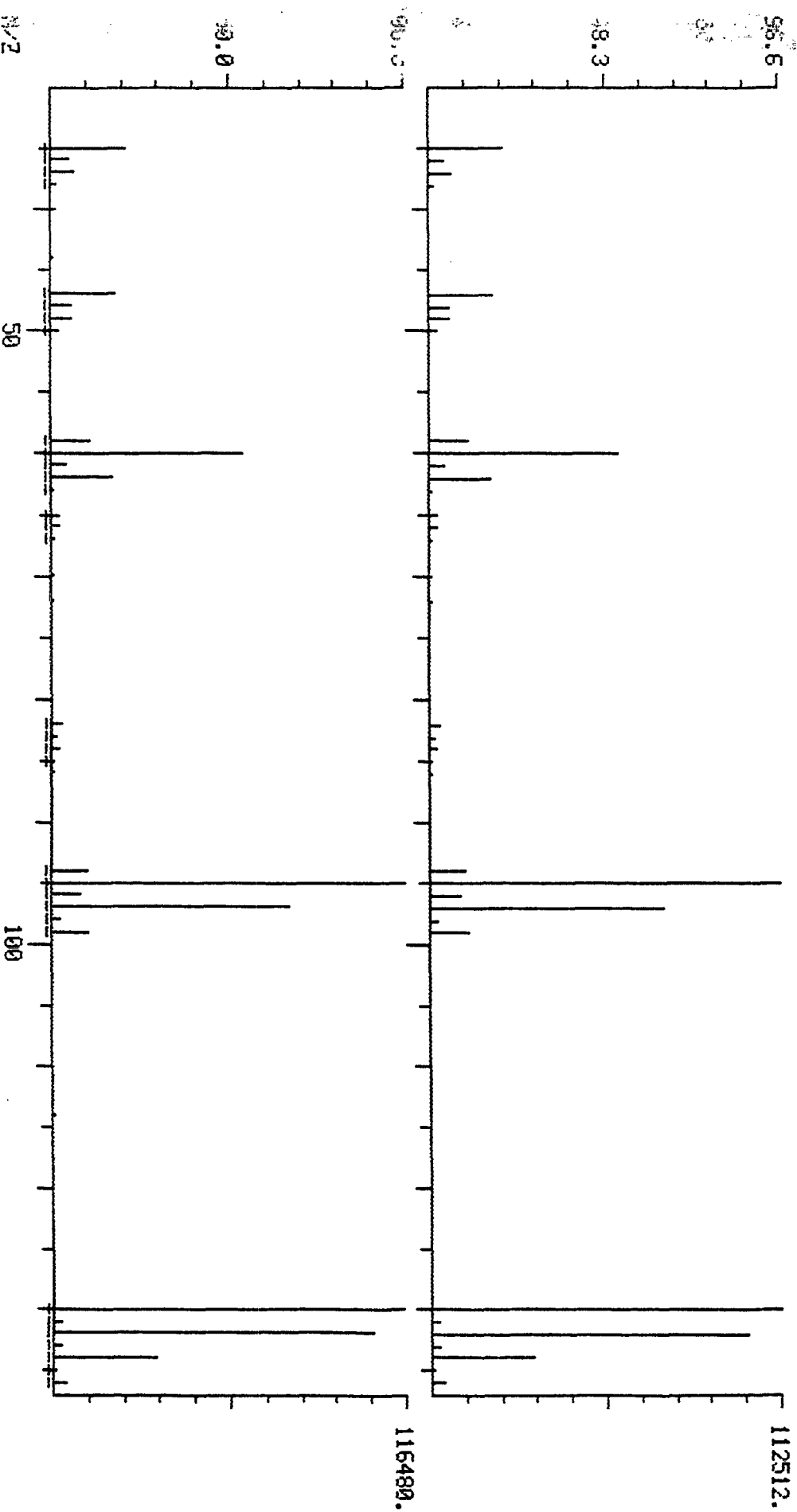
DUAL MASS SPECTRUM
02/06/92 11:35:00 + 9:14
SAMPLE: 42768101, MM21BF, 60UL/5ML
CONDS.: 510000
GC TEMP: 40 DEG. C
ENHANCED (S 158 ZN 0T)

DATA: V0E1984 #426
CALL: V0E1984 #2

BASE M/Z: 95/ 95
RIC: 668671./ 694271.

000000

TRICHLOROETHENE



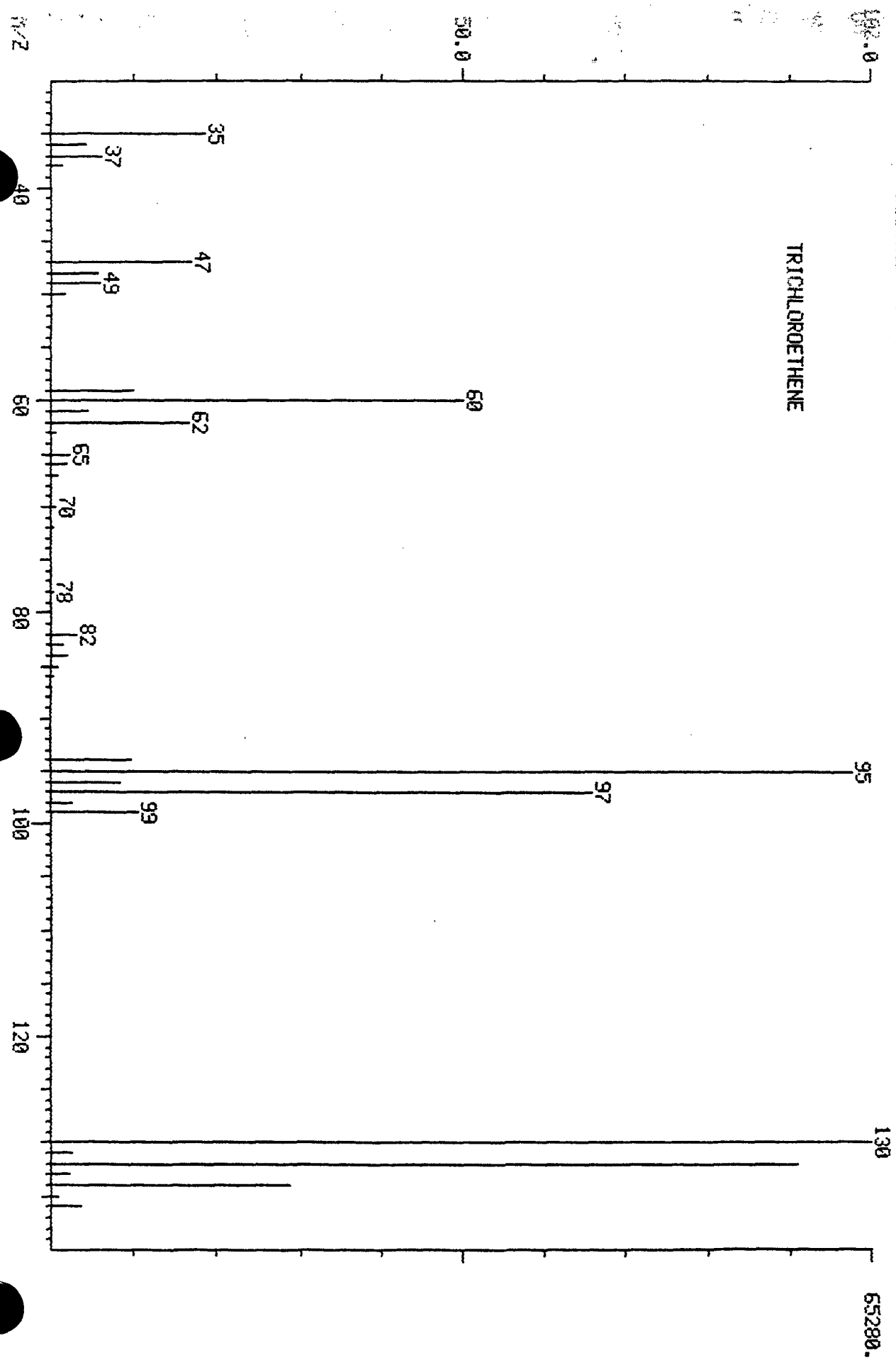
AR307504

MASS SPECTRUM
02/06/92 9:03:00 + 9:12
SAMPLE: USTD050, 250NG VOL STD, SML
COND5.: 510000
GC TEMP: 40 DEG. C
ENHANCED (5 158 2N 0T)

DATA: V0E1980 #425
CALI: V0E1980 #2

BASE M/Z: 130
RIC: 377855.

TRICHLOROETHENE



AR307505

000189

VOLATILE ORGANICS ANALYSIS DATA SHEET

W21BFB

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 8376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42769101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOE1992

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/06/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 100.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	1000.	U
74-83-9	Bromomethane	1000.	U
75-01-4	Vinyl Chloride	1000.	U
75-00-3	Chloroethane	1000.	U
75-09-2	Methylene Chloride	1000.	U
67-64-1	Acetone	1000.	U
75-15-0	Carbon Disulfide	1000.	U
75-35-4	1,1-Dichloroethene	2500.	
75-34-3	1,1-Dichloroethane	1000.	U
540-59-0	1,2-Dichloroethene (total)	1000.	U
67-66-3	Chloroform	1000.	U
107-06-2	1,2-Dichloroethane	1000.	U
78-93-3	2-Butanone	1000.	U
71-55-6	1,1,1-Trichloroethane	16000.	
56-23-5	Carbon Tetrachloride	1000.	U
75-27-4	Bromodichloromethane	1000.	U
78-87-5	1,2-Dichloropropane	1000.	U
10061-01-5	cis-1,3-Dichloropropene	1000.	U
79-01-6	Trichloroethene	10000.	
124-48-1	Dibromochloromethane	1000.	U
79-00-5	1,1,2-Trichloroethane	1000.	U
71-43-2	Benzene	1000.	U
10061-02-6	trans-1,3-Dichloropropene	1000.	U
75-25-2	Bromoform	1000.	U
108-10-1	4-Methyl-2-Pentanone	1000.	U
591-78-6	2-Hexanone	1000.	U
127-18-4	Tetrachloroethene	1000.	U
79-34-5	1,1,2,2-Tetrachloroethane	1000.	U
108-88-3	Toluene	1000.	U
108-90-7	Chlorobenzene	1000.	U
100-41-4	Ethylbenzene	1000.	U
100-42-5	Styrene	1000.	U
1330-20-7	Xylene (total)	1000.	U

000190

AR307506

VOLATILE ORGANIC ANALYSIS REPORT SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

W21BFB0

Lab Name: WADSWORTH/ALERT

Contract: 6S-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42769101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOE1992

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/06/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 100.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
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27.				
28.				
29.				
30.				

000191

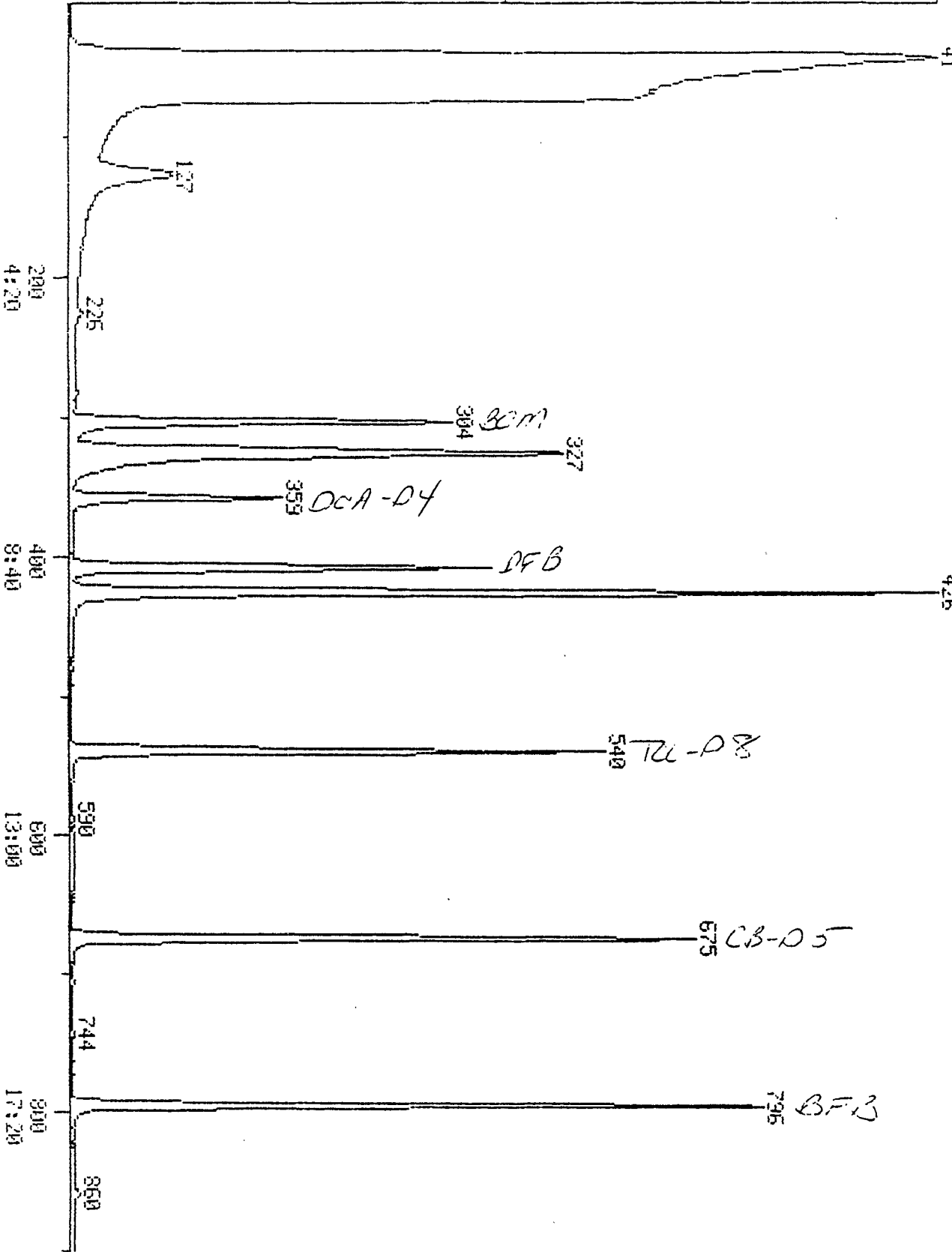
AR307507

PIC
02/06/92 16:30:00
SAMPLE: 42769101 #M21BFB, 50UL 5ML
COND.: 510000
PAUSE: 6 1.100 LABEL: N 0, 4.0 QUAN: 4 0, 1.0 J 0 BASE: U 20, 3

DATA: U0E1992 #1
CALL: U0E1992 #2

SCANS 1 TO 500

578560.



AR307508

000192

VOE1992.TI

02/06/92 16.30:00

Sample: 42769101, W21BFD, 50UL/5ML

Conds.: 510000

Formula:

Instrument: 5100

Weight: 0.004

Submitted by

Analyst: RQ

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

AR307509

000193

43 TRICHLOROFLUOROMETHANE
 44 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	304	6:35	1	1.000	A BB	131522.	250.000 NG	8.19
2	114	409	8:52	2	1.000	A BB	468955.	250.000 NG	8.19
3	117	675	14:37	3	1.000	A BB	443687.	250.000 NG	8.19
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	84	164	3:33	1	0.539	A BB	1637.	2.311 NG	0.07
9	43	129	2:48	1	0.424	A BB	5714.	18.902 NG	0.62
10	NOT FOUND								
11	96	125	2:42	1	0.411	A BB	83751.	126.615 NG	4.15
12	63	225	4:52	1	0.740	A BB	15517.	9.756 NG	0.32
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	43	292	6:20	1	0.961	A BB	995.	1.934 NG	0.06
17	97	326	7:04	2	0.797	A BB	644165.	788.966 NG	25.86
18	117	326	7:04	2	0.797	A BB	95723.	117.224 NG	3.84
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	130	426	9:14	2	1.042	A BB	432253.	519.125 NG	17.02
24	NOT FOUND								
25	97	590	12:47	2	1.443	A BB	1231.	1.607 NG	0.05
26	78	360	7:48	2	0.880	A BB	497.	0.273 NG	0.01
27	NOT FOUND								
28	NOT FOUND								
29	43	540	11:42	3	0.800	A BB	3389.	2.960 NG	0.10
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	92	545	11:48	3	0.807	A BB	1244.	1.015 NG	0.03
34	112	677	14:40	3	1.003	A BB	2894.	1.594 NG	0.05
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	98	540	11:42	3	0.800	A BB	486932.	239.753 NG	7.86
39	95	796	17:15	3	1.179	A BB	400727.	238.100 NG	7.80
40	65	359	7:47	1	1.181	A BB	211532.	227.110 NG	7.44
41	NOT FOUND								
42	NOT FOUND								
43	146	905	19:36	3	1.341	A BB	427.	0.241 NG	0.01
44	NOT FOUND								
45	146	915	19:49	3	1.356	A BB	1020.	0.556 NG	0.02
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	96	283	6:06	1	0.931	A BB	2244.	3.008 NG	0.10

low wt 2/18/92

WELLS R.T.

AR307510

000194

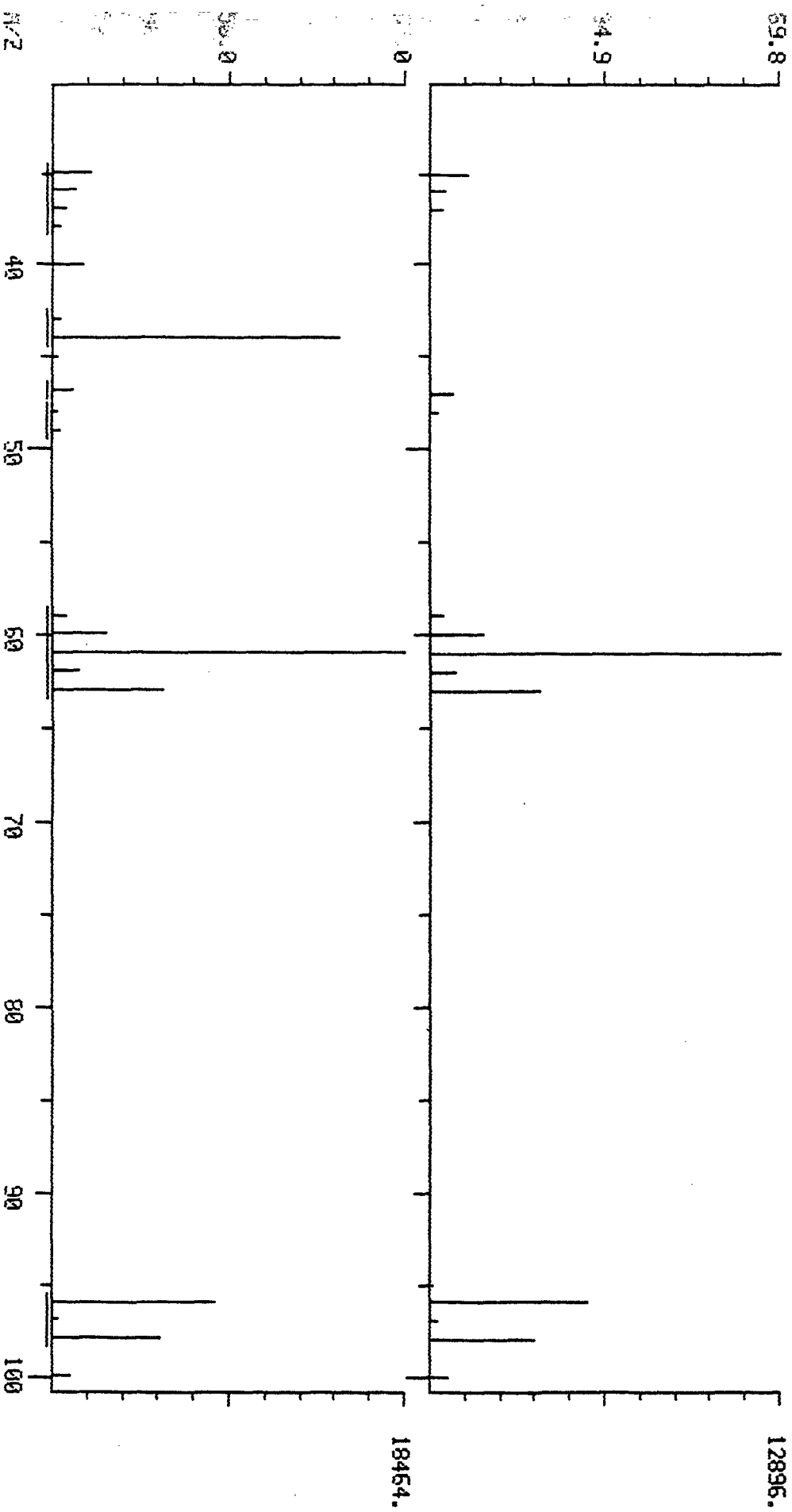
DUAL MASS SPECTRUM
02/06/92 16:30:00 + 2:42
SAMPLE: 42769101, W21BF0, 50UL/5ML
COND5.: 510000
GC TEMP: 8 DEG. C
ENHANCED (S 158 2N 0T)

D
2/30/92
W

DATA: U0E1992 #125
CALL: U0E1992 #2

BASE M/Z: 61 / 61
RIC: 34559. / 67583.

1,1-DICHLOROETHENE



AR307511

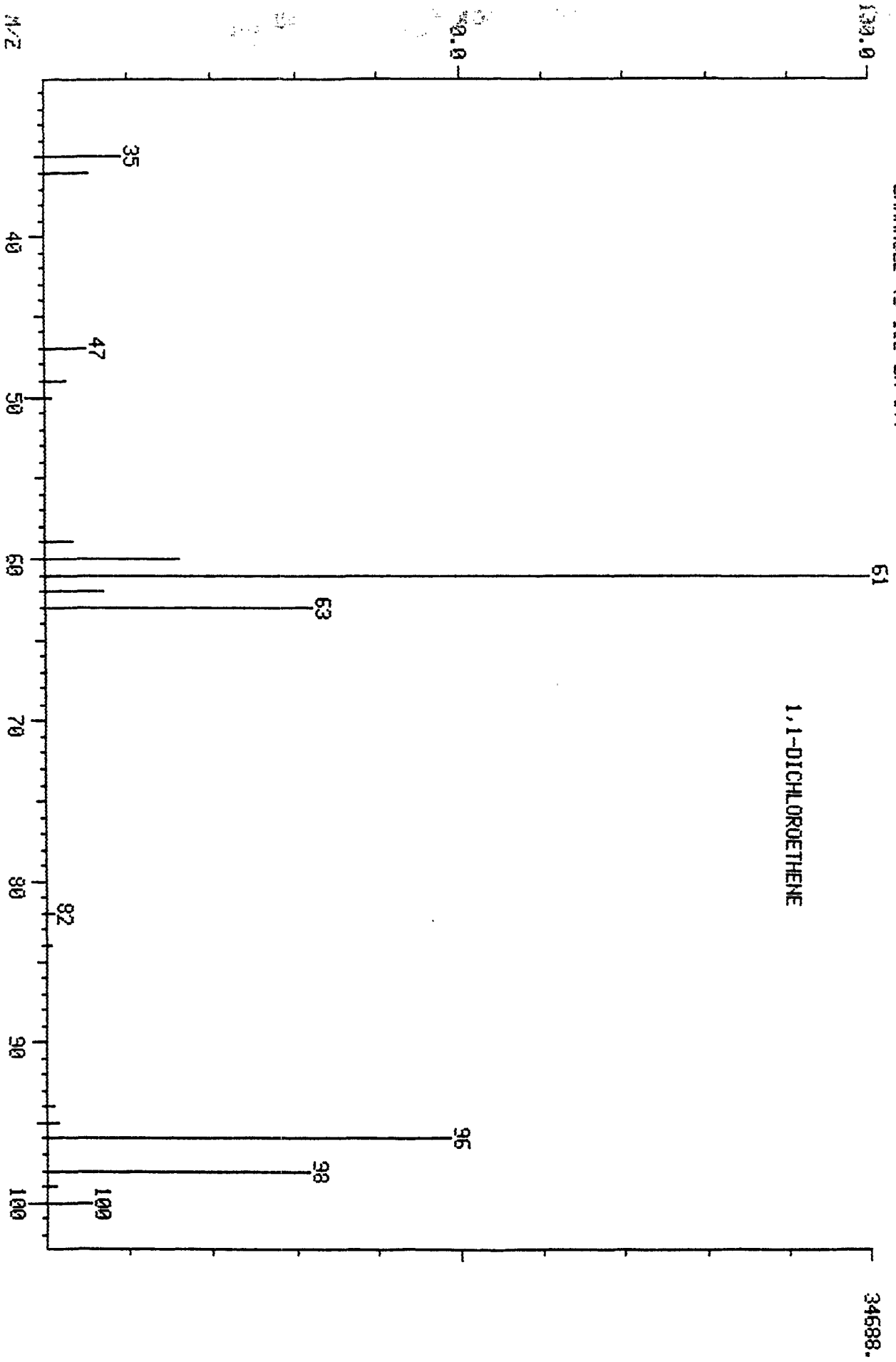
000195

MASS SPECTRUM
02/06/92 9:03:00 + 2:41
SAMPLE: USTD050, 250HG VOL STD, SML
CONDS.: 510000
GC TEMP: 8 DEG. C
ENHANCED (S 158 2N 0T)

DATA: UDE1980 #124
CALI: UDE1980 #2

BASE M/Z: 61
RIC: 94080.

1,1-DICHLOROETHENE



AR307512

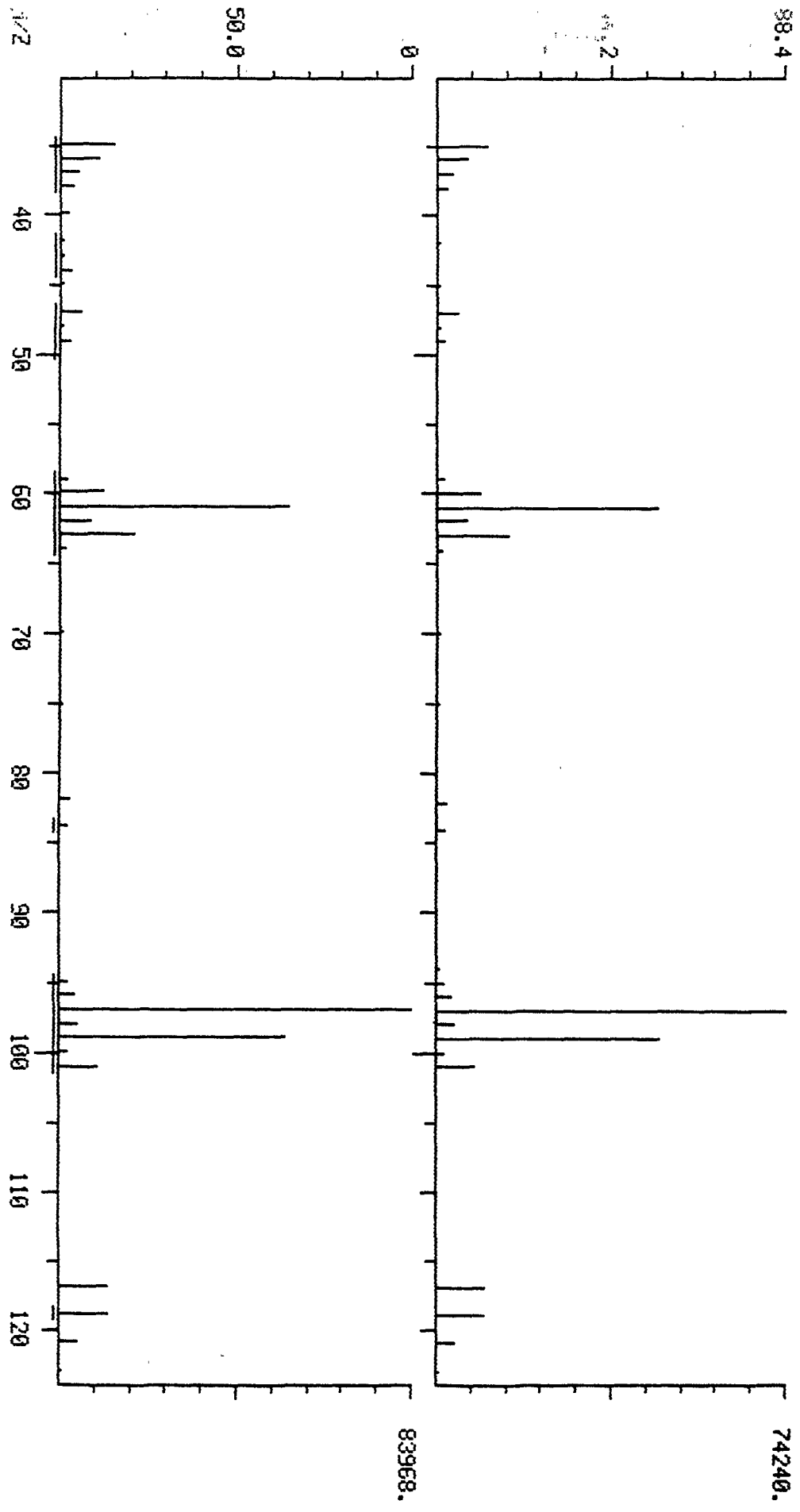
DUAL MASS SPECTRUM
02/06/92 16:30:00 + 7:04
SAMPLE: 422769101, W218FB, 50UL/5ML
COND.: 510000
GC TEMP: 27 DEG. C
ENHANCED (S 158 2N 0T)

*0 3/30/92
jll*

1,1,1-TRICHLOROETHANE

DATA: V0E1992 #326
CALL: V0E1992 #2

BASE M/Z: 97 / 97
RIC: 280063. / 324095.



000197

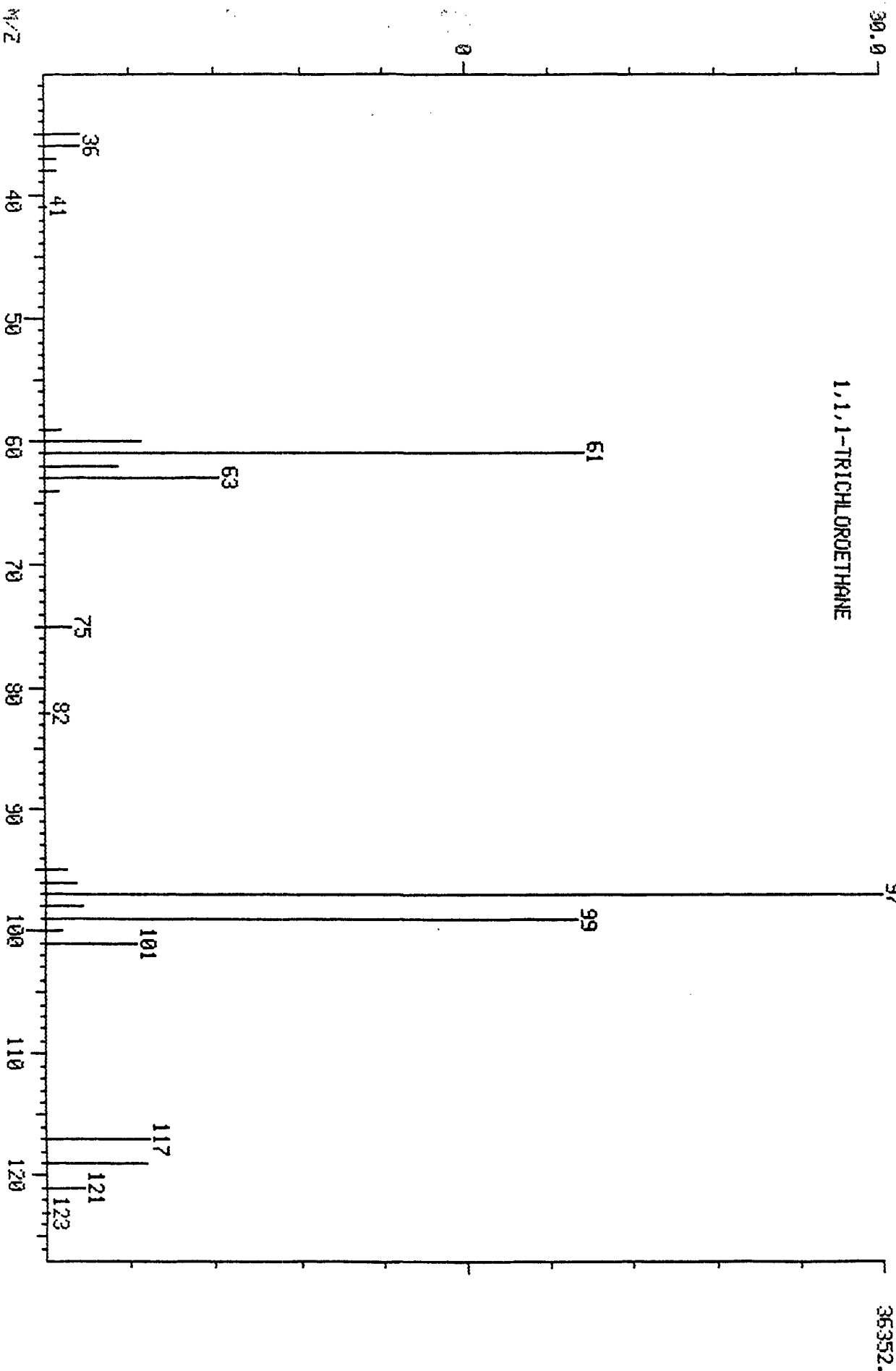
AR307513

MASS SPECTRUM
02/06/92 9:03:00 + 7:04
SAMPLE: USTD050, 250NG VOL STD, 5ML
CONDS.: 510000
GC TEMP: 27 DEG. C
ENHANCED (S 158 2N 0T)

DATA: UDE1980 #326
CALI: UDE1980 #2

BASE M/Z: 97
RIC: 122752.

1,1,1-TRICHLOROETHANE



AR307514

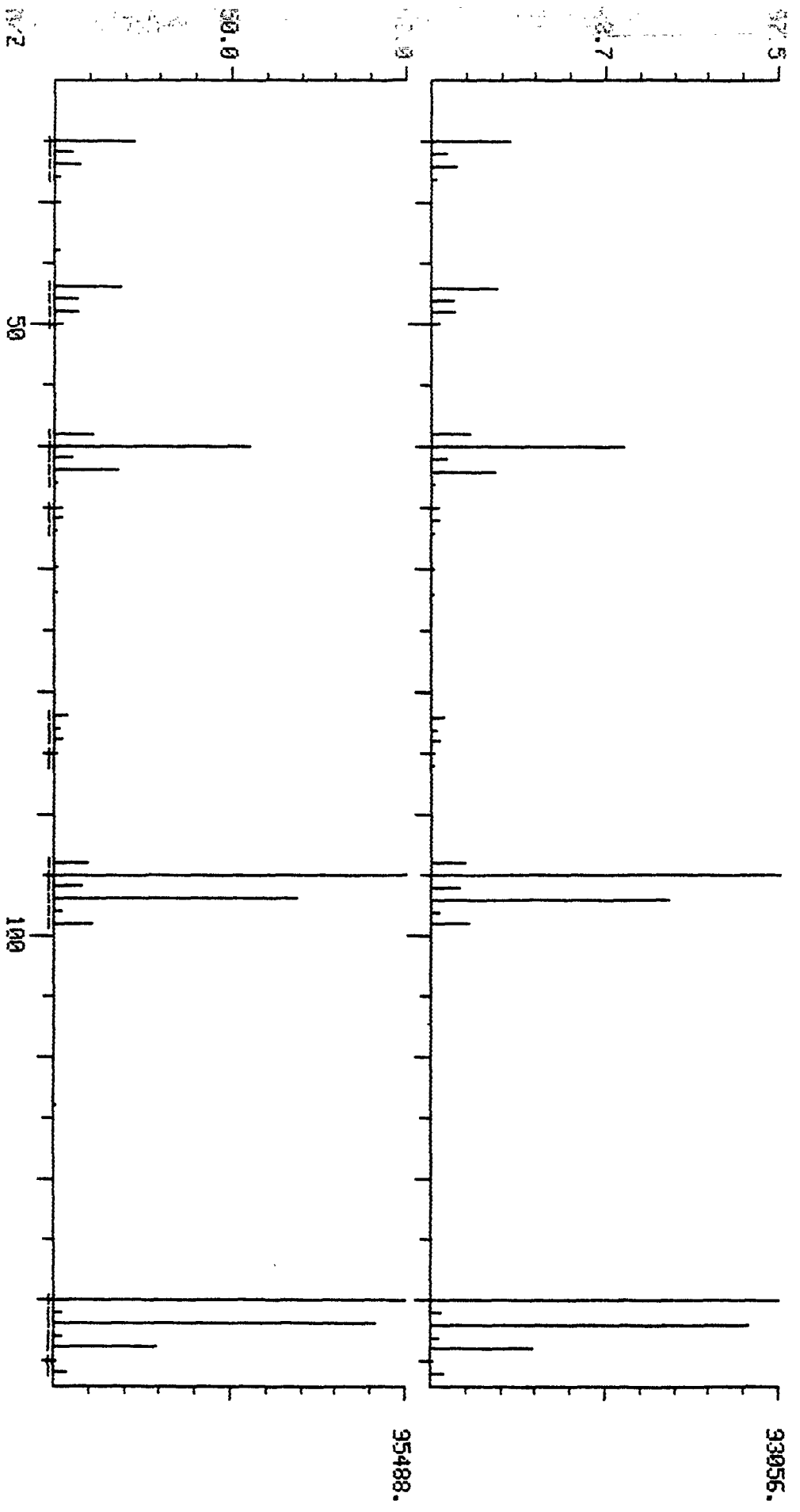
000400

DUAL MASS SPECTRUM
02/06/92 16:30:00 + 9:14
SAMPLE: 42769101, W21BFB, 50UL/SML
COND5.: 510000 0 2/30/92
GC TEMP: 40 DEG. C
ENHANCED (S 158 2N 0T)

DATA: V0E1992 #426
CALI: V0E1992 #2
BASE M/Z: 95/
RIC: 561151./ 578559.

000199

TRICHLOROETHENE



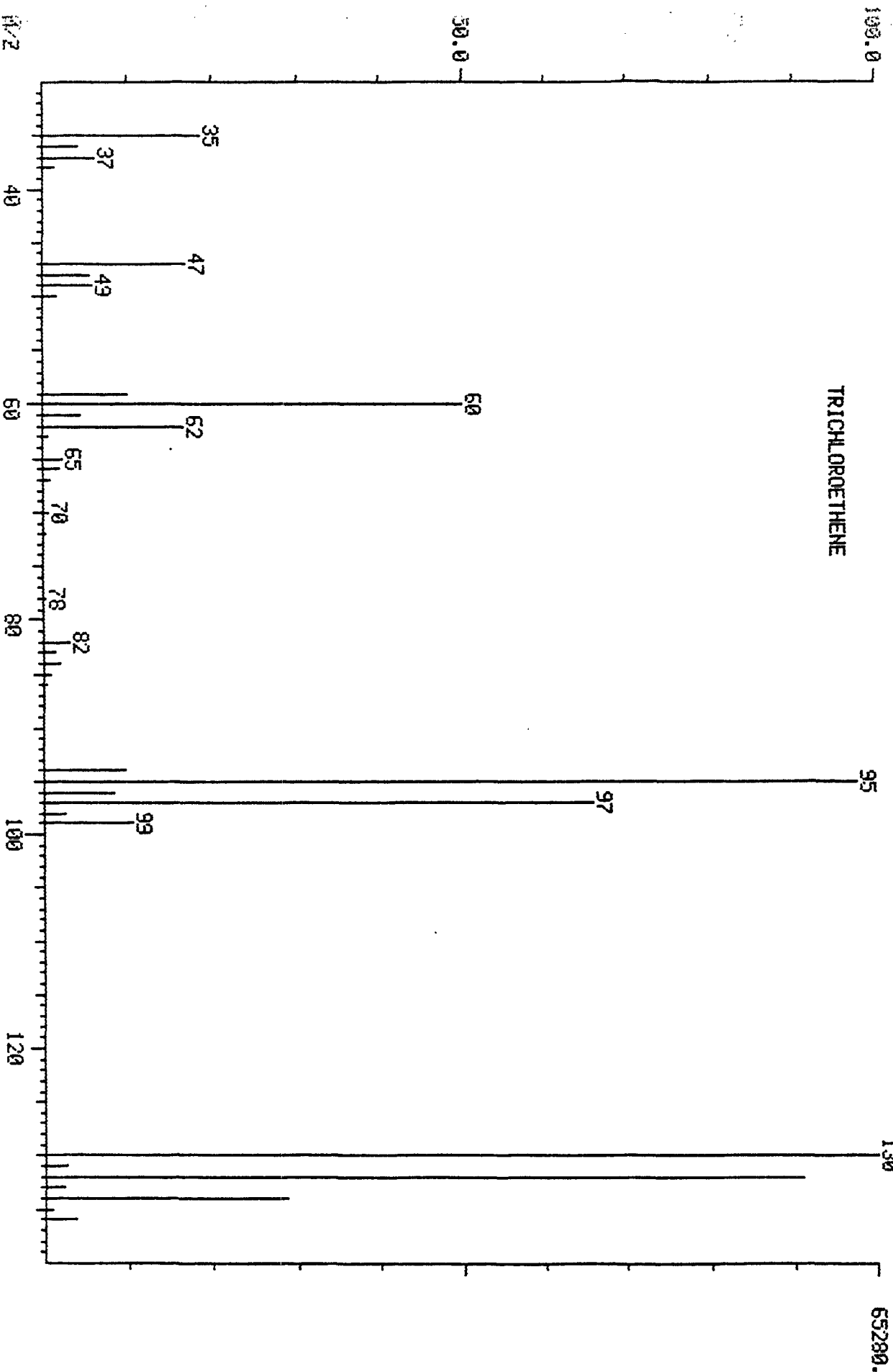
AR307515

MASS SPECTRUM
02/06/92 9:03:00 + 9:12
SAMPLE: USTD050, 250NG VOL STD, 5ML
CONDS.: 510000
GC TEMP: 40 DEG. C
ENHANCED (S 158 2N 0T)

DATA: V0E1980 #425
CALL: V0E1980 #2

BASE M/Z: 130
RIC: 377856.

TRICHLOROETHENE



AR307516

000.00

VOLATILE ORGANICS ANALYSIS DATA SHEET

TRPBL1

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: S7376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42761101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL9982

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_ Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	10.	U
67-64-1-----	Acetone	6.	J
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
540-59-0-----	1,2-Dichloroethene (total)	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon Tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
10061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
1330-20-7-----	Xylene (total)	10.	U

000201

AR307517

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

TRPBL1

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42761101

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL9982

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
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12.				
13.				
14.				
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25.				
26.				
27.				
28.				
29.				
30.				

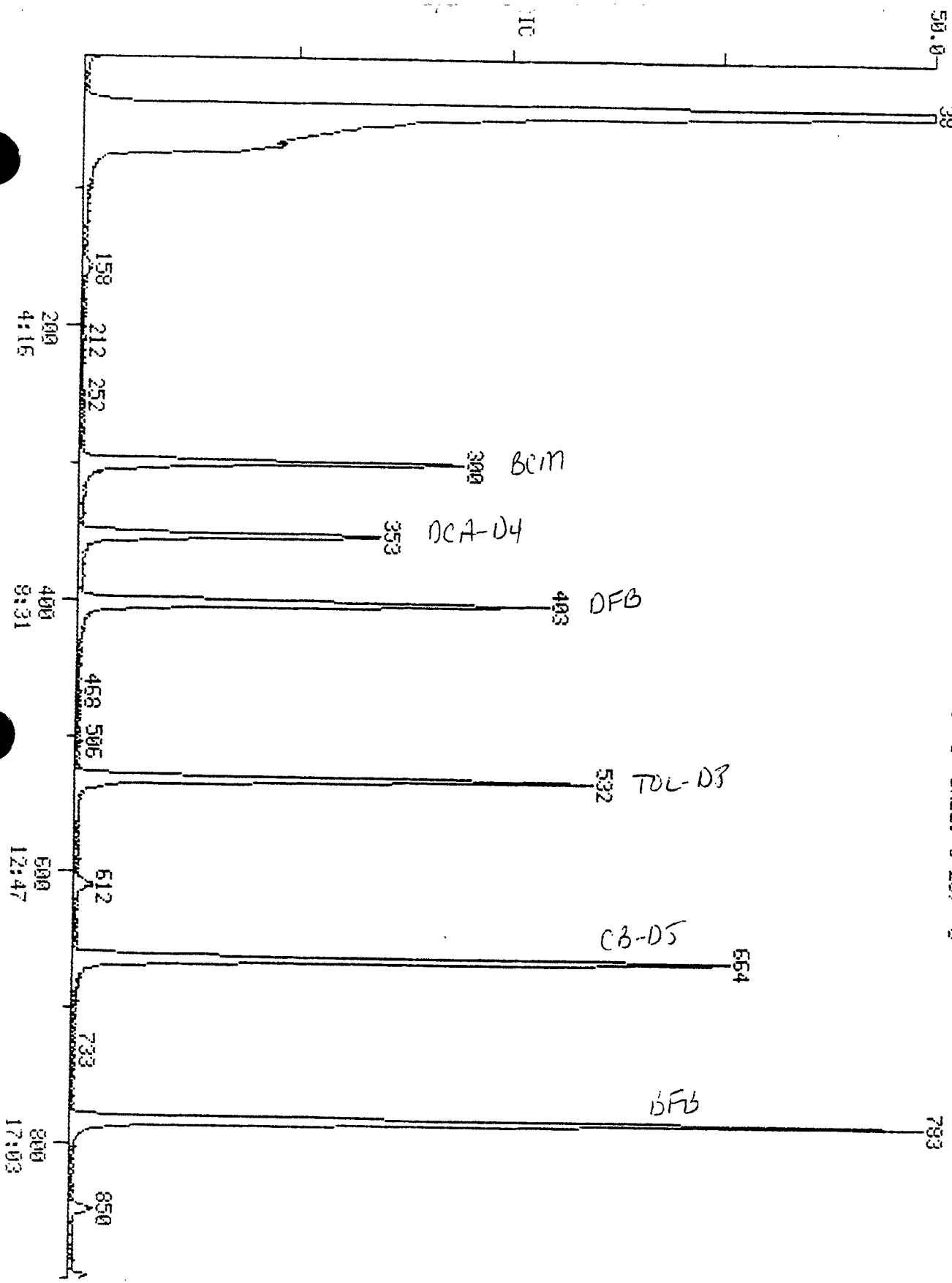
000202

AR307518

MIDRIC 02/07/92 1:54:00
 SAMPLE: 42761101, TRPBL1, SML
 COND.: FINNS2
 RANGE: 0 1,1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9982 #1
 CALL: VOL9982 #3

SCANS 1 TO 900



115456.

AR307519

000203

SCAN
 TIME

Data: VOL9982.TI

02/07/92 1:54.00

Sample: 42761101, TRPBL1, 5ML

Conds.: FINN52

Formula: VOC

Submitted by: WADS

Instrument: FINN52

Analyst: JP

Weight: 0.000

Acct. No. 68D10008

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

AR307520

000204

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	299	6:22	1	1.000	A BB	22738.	250.000 NG	16.38
2	114	402	8:34	2	1.000	A BB	84413.	250.000 NG	16.38
3	117	664	14:09	3	1.000	A BV	72561.	250.000 NG	16.38
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	84	158	3:22	1	0.528	A BV	491.	4.493 NG	0.29
9	43	124	2:39	1	0.415	A BB	1466.	32.521 NG	2.13
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	43	287	6:07	1	0.960	A BB	40.	0.519 NG	0.03
17	97	322	6:52	2	0.801	A BB	34.	0.125 NG	0.01
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	63	437	9:19	2	1.087	A BB	44.	0.334 NG	0.02
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	78	353	7:31	2	0.878	A BB	80.	0.283 NG	0.02
27	NOT FOUND								
28	NOT FOUND								
29	43	531	11:19	3	0.800	A BB	1678.	6.691 NG	0.44
30	NOT FOUND								
31	164	588	12:32	3	0.886	A BB	74.	0.509 NG	0.03
32	NOT FOUND								
33	91	536	11:25	3	0.807	A BB	227.	0.692 NG	0.05
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	98	532	11:20	3	0.801	A BB	76380.	247.870 NG	16.24
39	95	783	16:41	3	1.179	A BB	68488.	240.179 NG	15.74
40	65	353	7:31	1	1.181	A BB	65844.	241.723 NG	15.84
41	NOT FOUND								
42	NOT FOUND								
43	146	901	19:12	3	1.357	A BB	206.	0.564 NG	0.04
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

100-05

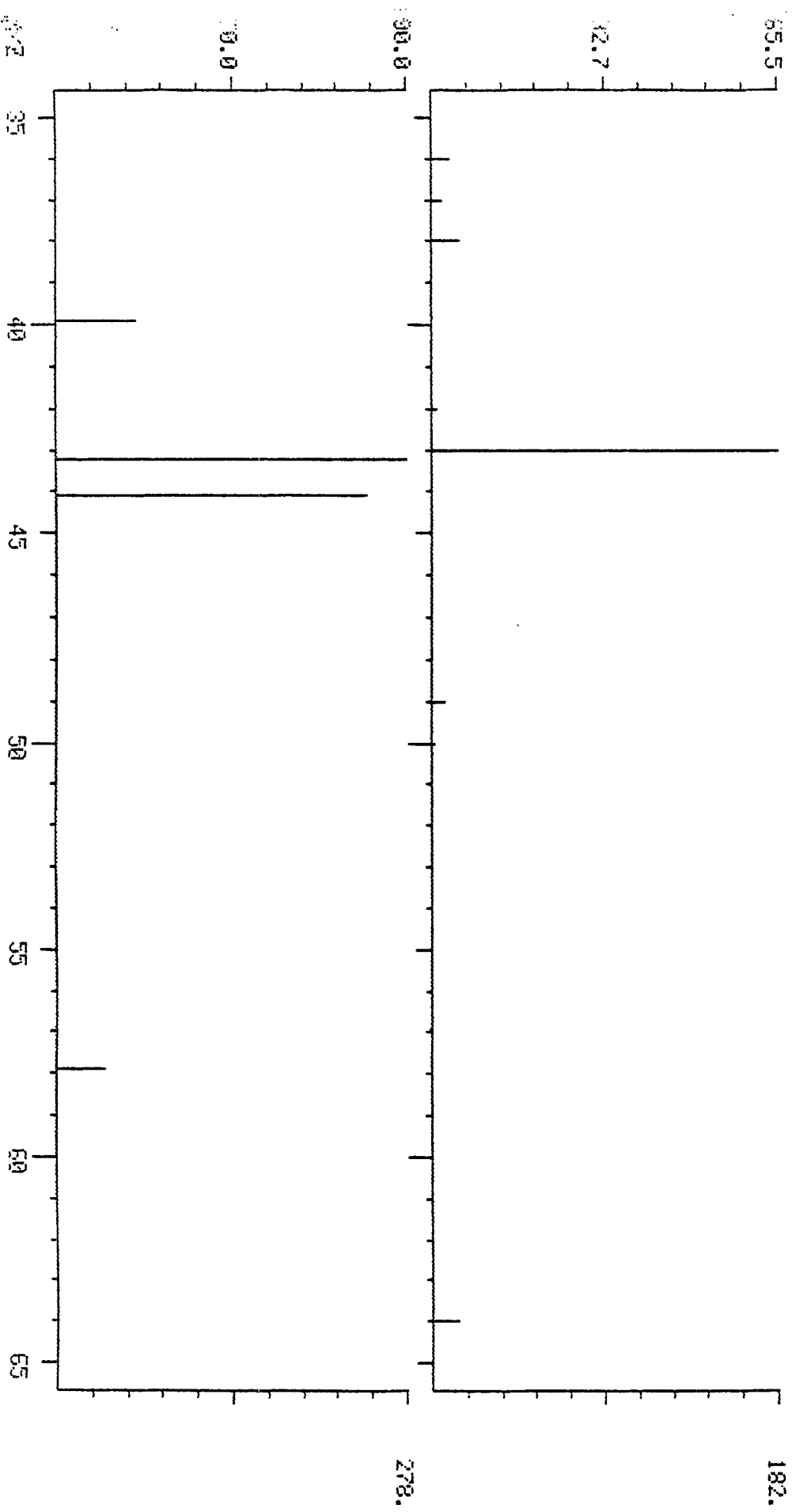
AR307521

MSD DUAL MASS SPECTRUM
02/07/92 1:54:00 + 2:39
SAMPLE: 42761101, TRPBL1, 5ML
CONDOS.: FINNS2
GC TEMP: 10 DEG. C
ENHANCED (S 158 2H 0T)

DATA: U019982 #124
CALL: U019982 #3

BASE M/Z: 43/ 43
RIC: 328./ 673.

ACETONE



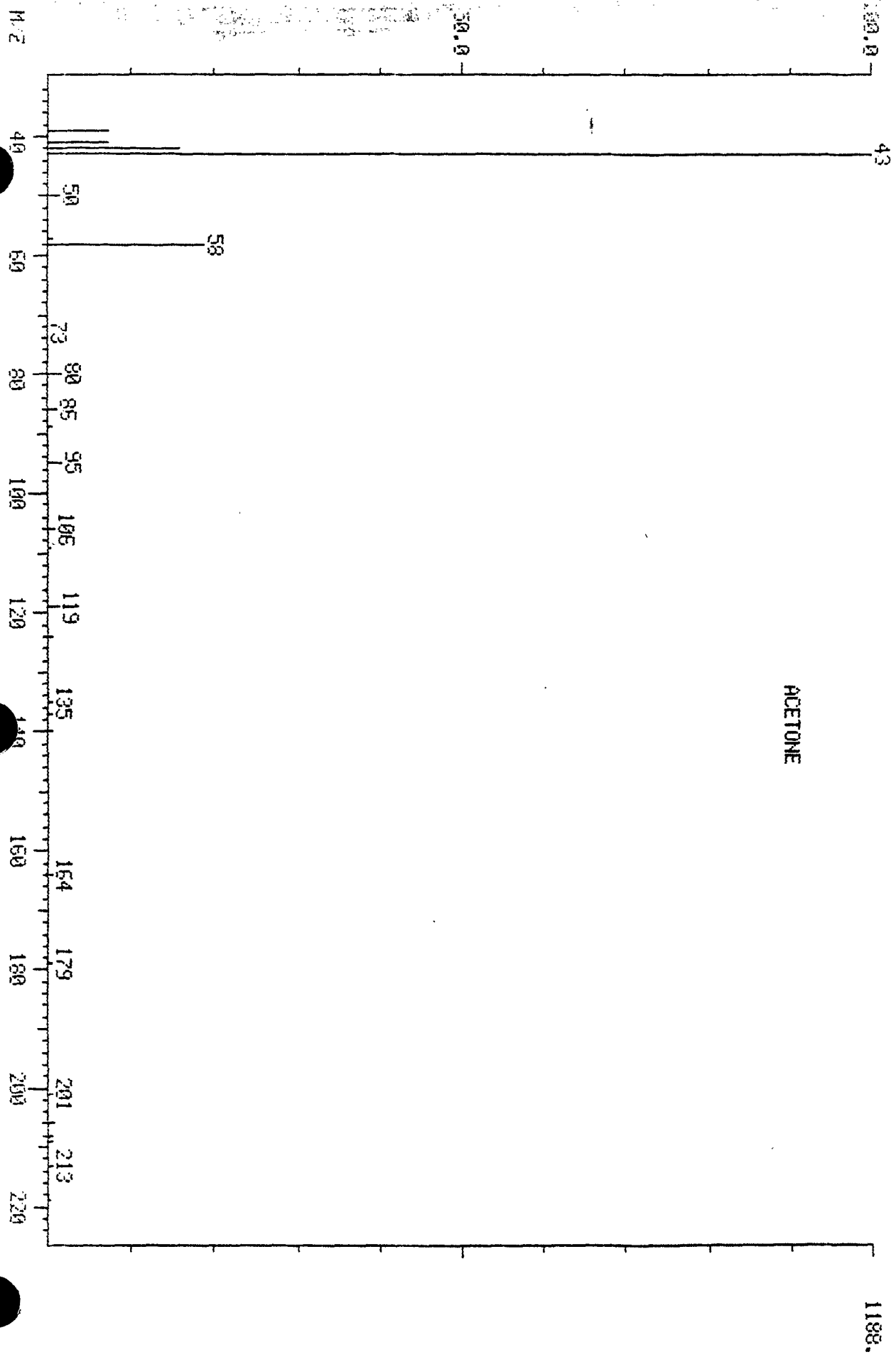
AR307522

000206

MID MASS SPECTRUM
02/06/92 23:19:00 + 2:40
SAMPLE: USTD050, 250NG VOL STD, SML
COND.: FINRS2
GC TEMP: 10 DEG. C
ENHANCED (S 15B 2N 0T)

DATA: VOL9980 #125
CALL: VOL9980 #3
BASE M/Z: 43
RIC: 1968.

ACETONE



AR307523

000007

VOLATILE STANDARDS DATA

AR307524

64
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Instrument ID: 510000

Calibration Date(s): 2/05/92

2/05/92

Heated Purge: (Y/N) N

Calibration Times: ~~1934~~

~~1717~~

1747

2009

GC Column: DB624

ID: 0.53 (mm)

LAB FILE ID:	RRF10 =VOE1965	RRF20 =VOE1964					
RRF50 =VOE1966	RRF100=VOE1963	RRF200=VOE1962					
COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	RRF	RSD
CHLOROMETHANE	2.268	1.762	1.868	1.680	1.662	1.848	13.4
BROMOMETHANE	* 1.931	1.435	1.620	1.145	0.985	1.423	26.4 *
VINYL CHLORIDE	* 1.890	1.440	1.620	1.389	1.328	1.533	14.8 *
CHLOROETHANE	1.206	0.911	0.897	0.595	0.511	0.824	33.7
METHYLENE CHLORIDE	1.455	1.482	1.442	1.531	1.457	1.473	2.4
ACETONE	0.784	0.552	0.509	0.443	0.387	0.535	28.6
CARBON DISULFIDE	3.759	3.547	3.993	4.043	3.960	3.860	5.3
1,1-DICHLOROETHENE	* 1.345	1.257	1.385	1.348	1.186	1.304	6.2 *
1,1-DICHLOROETHANE	* 3.023	2.824	3.117	3.054	2.846	2.973	4.4 *
1,2-DICHLOROETHENE (TOTAL)	0.000	0.000	1.410	0.000	0.000	1.410	0.0
CHLOROFORM	* 2.629	2.697	2.948	3.022	2.766	2.812	5.9 *
1,2-DICHLOROETHANE	* 1.594	1.631	1.821	1.718	1.719	1.697	5.2 *
2-BUTANONE	1.052	0.961	0.909	0.935	0.873	0.946	7.1
1,1,1-TRICHLOROETHANE	* 0.483	0.428	0.485	0.489	0.446	0.466	5.9 *
CARBON TETRACHLORIDE	* 0.423	0.421	0.471	0.493	0.471	0.456	7.0 *
BROMODICHLOROMETHANE	* 0.594	0.608	0.716	0.714	0.584	0.643	10.3 *
1,2-DICHLOROPROPANE	0.504	0.497	0.570	0.542	0.475	0.518	7.3
CIS-1,3-DICHLOROPROPENE	* 0.837	0.868	1.051	1.019	0.694	0.894	16.2 *
TRICHLOROETHENE	* 0.463	0.449	0.512	0.499	0.437	0.472	6.8 *
DIBROMOCHLOROMETHANE	* 0.556	0.595	0.762	0.754	0.577	0.649	15.5 *
1,1,2-TRICHLOROETHANE	* 0.397	0.407	0.483	0.478	0.419	0.437	9.3 *
BENZENE	* 0.963	0.971	1.090	1.059	0.785	0.974	12.2 *
TRANS-1,3-DICHLOROPROPENE	* 0.154	0.165	0.198	0.206	0.194	0.183	12.3 *
BROMOFORM	* 0.437	0.494	0.646	0.626	0.507	0.542	16.6 *
4-METHYL-2-PENTANONE	0.642	0.677	0.669	0.688	0.577	0.651	6.8
2-HEXANONE	0.462	0.462	0.474	0.512	0.424	0.467	6.7
TETRACHLOROETHENE	* 0.379	0.395	0.436	0.431	0.397	0.408	6.1 *
1,1,2,2-TETRACHLOROETHANE	* 0.852	0.921	0.995	0.985	0.720	0.895	12.6 *
TOLUENE	* 0.675	0.700	0.753	0.756	0.622	0.701	8.0 *
CHLOROBENZENE	* 1.040	1.051	1.148	1.068	0.742	1.010	15.4 *
ETHYLBENZENE	* 0.411	0.420	0.461	0.458	0.413	0.433	5.7 *
STYRENE	* 0.876	0.924	1.078	1.012	0.700	0.918	15.8 *
XYLENE (TOTAL)	* 1.083	1.127	0.671	1.143	0.768	0.958	23.2 *
TOLUENE-DS	1.129	1.178	1.098	1.097	0.773	1.055	15.3
BROMOFLUOROBENZENE	* 0.956	0.989	0.974	0.959	0.673	0.910	14.6 *
1,2-DICHLOROETHANE-D4	1.644	1.657	1.664	1.571	1.537	1.615	3.5

* Compounds with required minimum RRF and maximum RSD values.
All other compounds must meet a minimum RRF of 0.010.

000208

AR307525

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Instrument ID: FINN52

Calibration Date(s): 2/06/92

2/06/92

Heated Purge: (Y/N) N

Calibration Times: ~~1328~~

1142
1328 2/06/92

GC Column: DB624

ID: 0.53 (mm)

LAB FILE ID: RRF10 =VOL9963 RRF20 =VOL9962
RRF50 =VOL9959 RRF100=VOL9961 RRF200=VOL9960

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	RRF	RSD
CHLOROMETHANE	1.019	1.859	1.552	1.352	1.087	1.374	25.1
BROMOMETHANE	* 1.641	2.124	1.972	1.958	1.721	1.883	10.5 *
VINYL CHLORIDE	* 0.950	1.554	1.303	1.243	1.003	1.211	20.2 *
CHLOROETHANE	1.132	1.357	1.220	1.311	1.178	1.240	7.5
METHYLENE CHLORIDE	1.163	1.586	1.375	1.438	1.373	1.387	11.0
ACETONE	0.787	0.782	0.473	0.578	0.474	0.619	25.4
CARBON DISULFIDE	3.752	4.425	4.447	4.686	4.698	4.402	8.7
1,1-DICHLOROETHENE	* 1.547	1.779	1.564	1.659	1.737	1.657	6.2 *
1,1-DICHLOROETHANE	* 3.309	3.721	3.101	3.419	3.203	3.351	7.1 *
1,2-DICHLOROETHENE (TOTAL)	1.396	1.542	1.453	1.591	1.456	1.488	5.2
CHLOROFORM	* 4.213	4.140	3.523	3.735	3.845	3.891	7.4 *
1,2-DICHLOROETHANE	* 3.596	3.681	3.058	3.271	3.407	3.403	7.1 *
2-BUTANONE	1.185	1.159	0.696	0.858	0.685	0.917	26.9
1,1,1-TRICHLOROETHANE	* 0.947	0.910	0.825	0.954	0.936	0.914	5.8 *
CARBON TETRACHLORIDE	* 1.154	1.072	1.014	1.148	1.202	1.118	6.7 *
BROMODICHLOROMETHANE	* 0.940	0.890	0.809	0.927	0.974	0.908	6.9 *
1,2-DICHLOROPROPANE	0.457	0.441	0.396	0.444	0.458	0.439	5.8
CIS-1,3-DICHLOROPROPENE	* 1.000	0.951	0.835	1.003	1.055	0.969	8.6 *
TRICHLOROETHENE	* 0.524	0.460	0.409	0.466	0.498	0.471	9.2 *
DIBROMOCHLOROMETHANE	* 0.989	0.903	0.804	0.978	1.111	0.957	11.9 *
1,1,2-TRICHLOROETHANE	* 0.410	0.380	0.322	0.384	0.392	0.378	8.8 *
BENZENE	* 0.970	0.936	0.857	0.983	1.027	0.955	6.7 *
TRANS-1,3-DICHLOROPROPENE	* 0.225	0.196	0.184	0.220	0.234	0.212	9.9 *
BROMOFORM	* 0.977	0.905	0.771	1.081	1.290	1.005	19.4 *
4-METHYL-2-PENTANONE	1.048	1.035	0.728	0.844	0.755	0.882	17.2
2-HEXANONE	0.792	0.768	0.541	0.663	0.595	0.673	16.1
TETRACHLOROETHENE	* 0.597	0.590	0.497	0.536	0.564	0.557	7.4 *
1,1,2,2-TETRACHLOROETHANE	* 0.956	0.944	0.784	0.967	1.018	0.934	9.5 *
TOLUENE	* 1.235	1.259	1.114	1.161	1.250	1.204	5.3 *
CHLOROBENZENE	* 1.129	1.053	0.941	0.993	1.056	1.034	6.9 *
ETHYLBENZENE	* 0.415	0.414	0.363	0.386	0.410	0.398	5.7 *
STYRENE	* 1.050	1.069	0.965	1.097	1.370	1.110	13.8 *
XYLENE (TOTAL)	* 0.634	0.593	0.555	0.630	0.764	0.635	12.4 *
TOLUENE-DS	0.959	0.979	1.097	0.943	1.019	0.999	6.2
BROMOFLUOROBENZENE	* 0.828	0.913	0.987	1.018	1.278	1.005	16.9 *
1,2-DICHLOROETHANE-D4	2.927	2.893	2.935	2.870	3.010	2.927	1.8

* Compounds with required minimum RRF and maximum RSD values.
All other compounds must meet a minimum RRF of 0.010.

000209

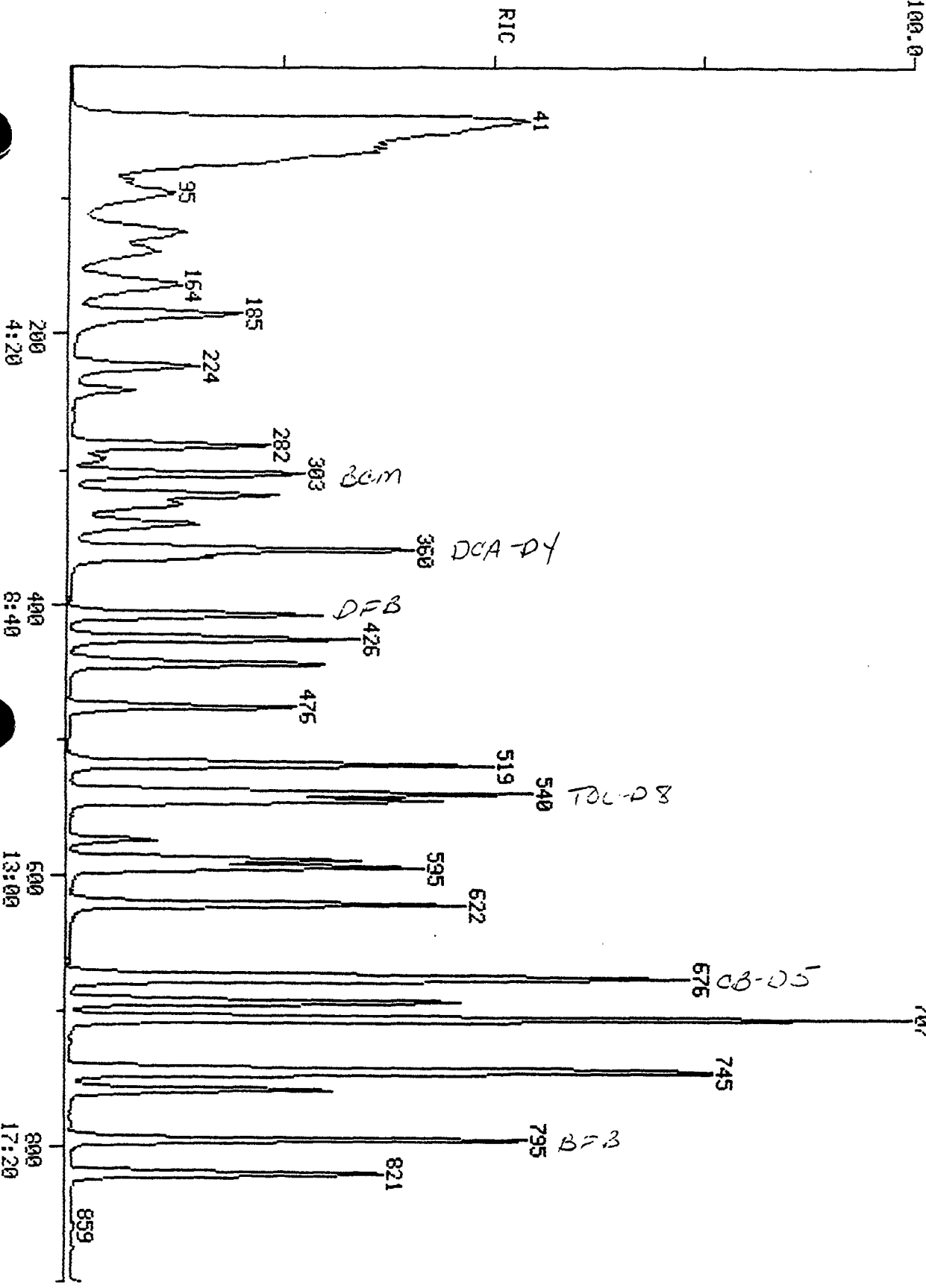
AR307526

RIC
02/05/92 20:09:00
SAMPLE: UST0050, 250MG VOL STD, SML
COND5.: 510000
RANGE: G 1,1100 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: U0E1966 #1
CALI: U0E1966 #2

SCANS 1 TO 900

951296.



SCAN
TIME

AR307527

000210

Data: V0E1966.TI
02/05/92 20:09:00
Sample: VSTD050, 250NG VOL STD, 5ML
Conds.: 510000
Formula:
Submitted by:

Instrument: 5100
Analyst: RQ

Weight: 0.004
Acct. No.:

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

- | No | Name |
|----|----------------------------|
| 1 | BROMOCHLOROMETHANE |
| 2 | 1,4-DIFLUOROBENZENE |
| 3 | CHLOROBENZENE-D5 |
| 4 | CHLOROMETHANE |
| 5 | BROMOMETHANE |
| 6 | VINYL CHLORIDE |
| 7 | CHLOROETHANE |
| 8 | METHYLENE CHLORIDE |
| 9 | ACETONE |
| 10 | CARBON DISULFIDE |
| 11 | 1,1-DICHLOROETHENE |
| 12 | 1,1-DICHLOROETHANE |
| 13 | 1,2-DICHLOROETHENE (TOTAL) |
| 14 | CHLOROFORM |
| 15 | 1,2-DICHLOROETHANE |
| 16 | 2-BUTANONE |
| 17 | 1,1,1-TRICHLOROETHANE |
| 18 | CARBON TETRACHLORIDE |
| 19 | VINYL ACETATE |
| 20 | BROMODICHLOROMETHANE |
| 21 | 1,2-DICHLOROPROPANE |
| 22 | CIS-1,3-DICHLOROPROPENE |
| 23 | TRICHLOROETHENE |
| 24 | DIBROMOCHLOROMETHANE |
| 25 | 1,1,2-TRICHLOROETHANE |
| 26 | BENZENE |
| 27 | TRANS-1,3-DICHLOROPROPENE |
| 28 | BROMOFORM |
| 29 | 4-METHYL-2-PENTANONE |
| 30 | 2-HEXANONE |
| 31 | TETRACHLOROETHENE |
| 32 | 1,1,2,2-TETRACHLOROETHANE |
| 33 | TOLUENE |
| 34 | CHLOROBENZENE |
| 35 | ETHYLBENZENE |
| 36 | STYRENE |
| 37 | XYLENES |
| 38 | TOLUENE-D8 |
| 39 | BROMOFLUOROBENZENE |
| 40 | 1,2-DICHLOROETHANE-D4 |
| 41 | 2-CHLOROETHYL VINYL ETHER |
| 42 | XYLENE (TOTAL) |
| 43 | 1,3-DICHLOROBENZENE |
| 44 | 1,2-DICHLOROBENZENE |
| 45 | 1,4-DICHLOROBENZENE |
| 46 | ACROLEIN |
| 47 | ACRYLONITRILE |

003211

AR307528

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1, 2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	303	6:34	1	1.000	A BB	140081.	250.000 NG	1.92
2	114	408	8:50	2	1.000	A BB	489890.	250.000 NG	1.92
3	117	675	14:37	3	1.000	A BB	481916.	250.000 NG	1.92
4	50	61	1:19	1	0.201	A BB	261609.	250.000 NG	1.92
5	94	75	1:37	1	0.248	A BB	226951.	250.000 NG	1.92
6	62	64	1:23	1	0.211	A BB	226980.	250.000 NG	1.92
7	64	75	1:37	1	0.248	A VB	125670.	250.000 NG	1.92
8	84	164	3:33	1	0.541	A BB	201980.	250.000 NG	1.92
9	43	129	2:48	1	0.426	A BB	71346.	250.000 NG	1.92
10	76	138	2:59	1	0.455	A BB	559412.	250.000 NG	1.92
11	96	124	2:41	1	0.409	A BB	193974.	250.000 NG	1.92
12	63	224	4:51	1	0.739	A BB	436571.	250.000 NG	1.92
13	96	185	4:00	1	0.611	A BB	197496.	250.000 NG	1.92
14	83	319	6:55	1	1.053	A BB	412915.	250.000 NG	1.92
15	62	366	7:56	1	1.208	A BB	255070.	250.000 NG	1.92
16	43	292	6:20	1	0.964	A BV	127298.	250.000 NG	1.92
17	97	326	7:04	2	0.799	A BB	237754.	250.000 NG	1.92
18	117	341	7:23	2	0.836	A BB	230733.	250.000 NG	1.92
19	43	242	5:15	2	0.593	A BB	297852.	250.000 NG	1.92
20	83	476	10:19	2	1.167	A BB	350600.	250.000 NG	1.92
21	63	444	9:37	2	1.088	A BB	279216.	250.000 NG	1.92
22	75	519	11:15	2	1.272	A BB	514850.	405.000 NG	3.12
23	130	426	9:14	2	1.044	A BB	250592.	250.000 NG	1.92
24	129	622	13:29	2	1.525	A BB	373514.	250.000 NG	1.92
25	97	589	12:46	2	1.444	A BB	236641.	250.000 NG	1.92
26	78	360	7:48	2	0.882	A BB	533988.	250.000 NG	1.92
27	75	575	12:27	2	1.409	A BB	97224.	95.000 NG	0.73
28	173	759	16:27	2	1.860	A BB	316576.	250.000 NG	1.92
29	43	540	11:42	3	0.800	A BB	322448.	250.000 NG	1.92
30	43	621	13:27	3	0.920	A BB	228261.	250.000 NG	1.92
31	164	595	12:53	3	0.881	A BB	210133.	250.000 NG	1.92
32	83	821	17:47	3	1.216	A BB	479744.	250.000 NG	1.92
33	92	545	11:48	3	0.807	A BB	362729.	250.000 NG	1.92
34	112	677	14:40	3	1.003	A BB	553381.	250.000 NG	1.92
35	106	694	15:02	3	1.028	A BV	222338.	250.000 NG	1.92
36	104	746	16:10	3	1.105	A BB	519541.	250.000 NG	1.92
37	106	707	15:19	3	1.047	A VB	613040.	500.000 NG	3.85
38	98	540	11:42	3	0.800	A BB	529170.	250.000 NG	1.92
39	95	795	17:13	3	1.178	A BB	469155.	250.000 NG	1.92
40	65	359	7:47	1	1.185	A BB	233109.	250.000 NG	1.92
41	63	514	11:08	2	1.260	A BB	13775.	250.000 NG	1.92
42	106	744	16:07	3	1.102	A BB	323467.	250.000 NG	1.92
43	146	904	19:35	3	1.339	A BV	594678.	250.000 NG	1.92
44	146	951	20:36	3	1.409	A BB	569355.	250.000 NG	1.92
45	146	915	19:49	3	1.356	A VB	619663.	250.000 NG	1.92
46	56	115	2:29	1	0.380	A BB	28315.	500.000 NG	3.85
47	53	186	4:02	1	0.614	A BB	108055.	500.000 NG	3.85
48	NOT FOUND								
49	85	51	1:06	1	0.168	A BB	188472.	250.000 NG	1.92
50	96	282	6:07	1	0.931	A BB	214488.	250.000 NG	1.92

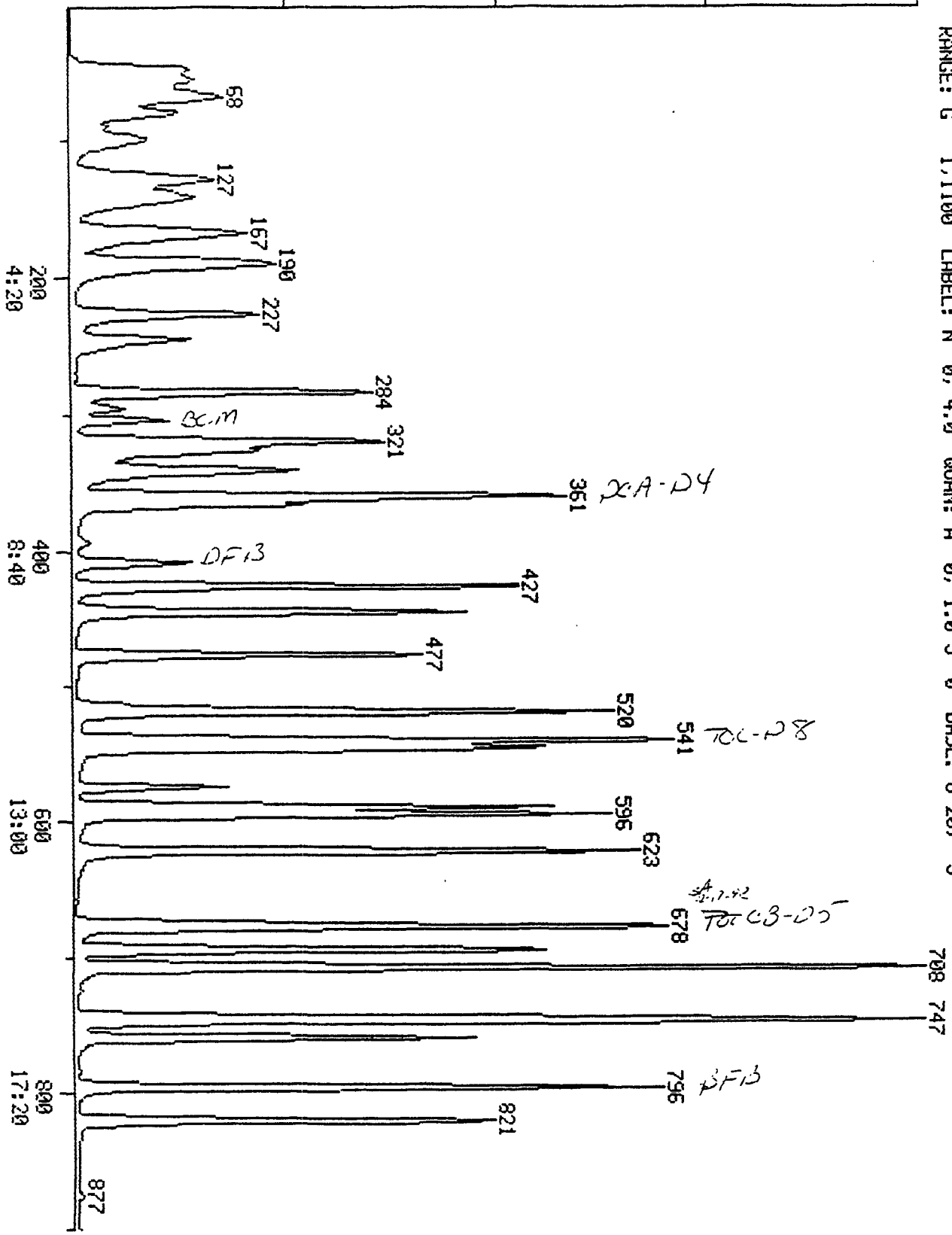
000212

AR307529

RIC
 02/05/92 17:47:00
 SAMPLE: USTO200, 1000NG VOL STD, 5ML
 COND5.: 510000
 RANGE: G 1,1100 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: UOE1962 #1
 CALLI: UOE1962 #2
 SCANS 1 TD 900

100.0



200
4:20

400
8:40

600
13:00

800
17:20

SCAN
TIME

3153910.

AR307530

000213

Data: VOE1962.TI
02/05/92 17:47:00
Sample: VSTD200, 1000NG VOL STD, 5ML
Conds.: 510000

Formula: Instrument: 5100
Submitted by: Analyst: RQ

Weight: 0.004
Acct. No.:

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

- | No | Name |
|----|----------------------------|
| 1 | BROMOCHLOROMETHANE |
| 2 | 1,4-DIFLUOROBENZENE |
| 3 | CHLOROBENZENE-D5 |
| 4 | CHLOROMETHANE |
| 5 | BROMOMETHANE |
| 6 | VINYL CHLORIDE |
| 7 | CHLOROETHANE |
| 8 | METHYLENE CHLORIDE |
| 9 | ACETONE |
| 10 | CARBON DISULFIDE |
| 11 | 1,1-DICHLOROETHENE |
| 12 | 1,1-DICHLOROETHANE |
| 13 | 1,2-DICHLOROETHENE (TOTAL) |
| 14 | CHLOROFORM |
| 15 | 1,2-DICHLOROETHANE |
| 16 | 2-BUTANONE |
| 17 | 1,1,1-TRICHLOROETHANE |
| 18 | CARBON TETRACHLORIDE |
| 19 | VINYL ACETATE |
| 20 | BROMODICHLOROMETHANE |
| 21 | 1,2-DICHLOROPROPANE |
| 22 | CIS-1,3-DICHLOROPROPENE |
| 23 | TRICHLOROETHENE |
| 24 | DIBROMOCHLOROMETHANE |
| 25 | 1,1,2-TRICHLOROETHANE |
| 26 | BENZENE |
| 27 | TRANS-1,3-DICHLOROPROPENE |
| 28 | BROMOFORM |
| 29 | 4-METHYL-2-PENTANONE |
| 30 | 2-HEXANONE |
| 31 | TETRACHLOROETHENE |
| 32 | 1,1,2,2-TETRACHLOROETHANE |
| 33 | TOLUENE |
| 34 | CHLOROBENZENE |
| 35 | ETHYLBENZENE |
| 36 | STYRENE |
| 37 | XYLENES |
| 38 | TOLUENE-D8 |
| 39 | BROMOFLUOROBENZENE |
| 40 | 1,2-DICHLOROETHANE-D4 |
| 41 | 2-CHLOROETHYL VINYL ETHER |
| 42 | XYLENE (TOTAL) |
| 43 | 1,3-DICHLOROBENZENE |
| 44 | 1,2-DICHLOROBENZENE |
| 45 | 1,4-DICHLOROBENZENE |
| 46 | ACROLEIN |
| 47 | ACRYLONITRILE |

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	305	6:36	1	1.000	A BB	190726.	250.000 NG	0.59
2	114	409	8:52	2	1.000	A BB	774300.	250.000 NG	0.59
3	117	675	14:37	3	1.000	A BB	708719.	250.000 NG	0.59
4	50	65	1:24	1	0.213	A BB	1267750.	889.800 NG	2.11
5	94	79	1:43	1	0.259	A BB	751365.	607.894 NG	1.44
6	62	68	1:28	1	0.223	A BB	1013340.	819.745 NG	1.95
7	64	80	1:44	1	0.262	A VB	390016.	569.847 NG	1.35
8	84	167	3:37	1	0.548	A BB	1111510.	1010.440 NG	2.40
9	43	136	2:57	1	0.446	A BB	295519.	760.545 NG	1.81
10	76	142	3:05	1	0.466	A BB	3020830.	991.525 NG	2.35
11	96	127	2:45	1	0.416	A BB	904764.	856.449 NG	2.03
12	63	227	4:55	1	0.744	A BB	2171030.	913.104 NG	2.17
13	96	188	4:04	1	0.616	A BB	1082020.	1005.970 NG	2.39
14	83	320	6:56	1	1.049	A BB	2110530.	938.516 NG	2.23
15	62	367	7:57	1	1.203	A BB	1311590.	944.172 NG	2.24
16	43	296	6:25	1	0.970	A BB	666013.	960.660 NG	2.28
17	97	327	7:05	2	0.800	A BB	1382140.	919.504 NG	2.18
18	117	342	7:25	2	0.836	A BB	1459500.	1000.510 NG	2.37
19	43	245	5:18	2	0.599	A BB	1952570.	1036.890 NG	2.46
20	83	477	10:20	2	1.166	A BB	1809270.	816.250 NG	1.94
21	63	445	9:38	2	1.088	A BB	1471350.	833.500 NG	1.98
22	75	520	11:16	2	1.271	A BB	2148390.	1069.240 NG	2.54
23	130	426	9:14	2	1.042	A BB	1353010.	854.012 NG	2.03
24	129	623	13:30	2	1.523	A BB	1788260.	757.277 NG	1.80
25	97	590	12:47	2	1.443	A BB	1297230.	867.076 NG	2.06
26	78	361	7:49	2	0.883	A BB	2432270.	720.463 NG	1.71
27	75	575	12:27	2	1.406	A BB	600802.	371.425 NG	0.88
28	173	759	16:27	2	1.856	A BB	1570580.	784.714 NG	1.86
29	43	542	11:45	3	0.803	A BB	1636400.	862.716 NG	2.05
30	43	622	13:29	3	0.921	A BB	1201300.	894.663 NG	2.12
31	164	595	12:53	3	0.881	A BB	1125050.	910.160 NG	2.16
32	83	821	17:47	3	1.216	A BB	2041970.	723.566 NG	1.72
33	92	546	11:50	3	0.809	A BB	1761990.	825.770 NG	1.96
34	112	678	14:41	3	1.004	A BB	2102280.	645.812 NG	1.53
35	106	695	15:03	3	1.030	A BV	1170030.	894.587 NG	2.12
36	104	747	16:11	3	1.107	A BB	1983600.	649.043 NG	1.54
37	106	708	15:20	3	1.049	A VB	2176870.	1207.290 NG	2.87
38	98	540	11:42	3	0.800	A BB	2190890.	703.826 NG	1.67
39	95	796	17:15	3	1.179	A BB	1906480.	690.805 NG	1.64
40	65	360	7:48	1	1.180	A BB	1172670.	923.691 NG	2.19
41	63	514	11:08	2	1.257	A BB	191985.	2204.470 NG	5.23
42	106	745	16:08	3	1.104	A BB	1519170.	798.388 NG	1.89
43	146	906	19:38	3	1.342	A BV	2072290.	592.391 NG	1.41
44	146	952	20:38	3	1.410	A BB	2019530.	602.983 NG	1.43
45	146	916	19:51	3	1.357	A VB	2042530.	560.341 NG	1.33
46	56	121	2:37	1	0.397	A BB	103420.	1341.300 NG	3.18
47	53	192	4:10	1	0.630	A BB	554774.	1885.430 NG	4.47
48	101	98	2:07	1	0.321	A BB	1430830.	270.874 NG	0.64
49	85	57	1:14	1	0.187	A BB	937134.	912.984 NG	2.17
50	96	284	6:09	1	0.931	A BB	1147770.	982.566 NG	2.33

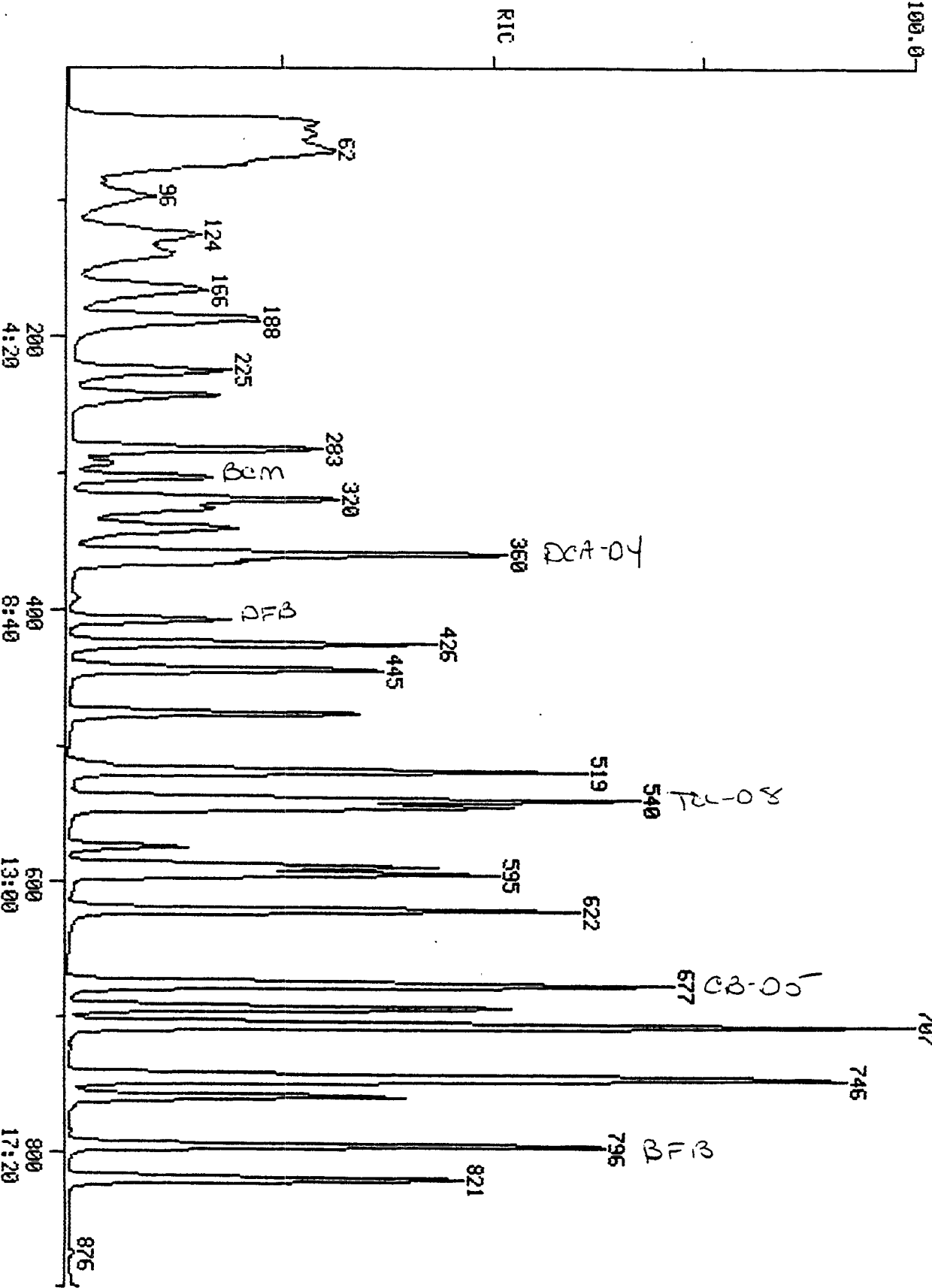
000215

AR307532

RIC
 02/05/92 18:25:00
 SAMPLE: USTD100, 500NG VOL STD, 5ML
 CONDS.: 510000
 RANGE: G 1,1100 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: V0E1963 #1
 CALI: V0E1963 #2
 SCANS 1 TO 900

1935350.



AR307533

000216

Date: V081963.TX

CR/C5/92 LB: 29:00

Sample: MST0100-500MG VOL STD. 5ML

Concn: 910000

Formula:

Instrument: 9100

Weight: 0.004

Submitted by:

Analyst: RG

Access No.:

APICOUNT=AREA * REF AMNT / (REF AREA * RESP FACT)

Resp. Fac. from Library Entry

No	Name
1	BROMODICHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOCHLOROMETHANE
6	VINYL CHLORIDE
7	CHLORACETONE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHANE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHANE (TOTAL)
14	CHLOROPYRIDINE
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,2-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMODICHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,2-DICHLOROPROPENE
28	BROMOCHLORINE
29	4-METHYL-2-PENTANONE
30	2-PENTANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYL BENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACRYLEIN
47	ACRYLONITRILE

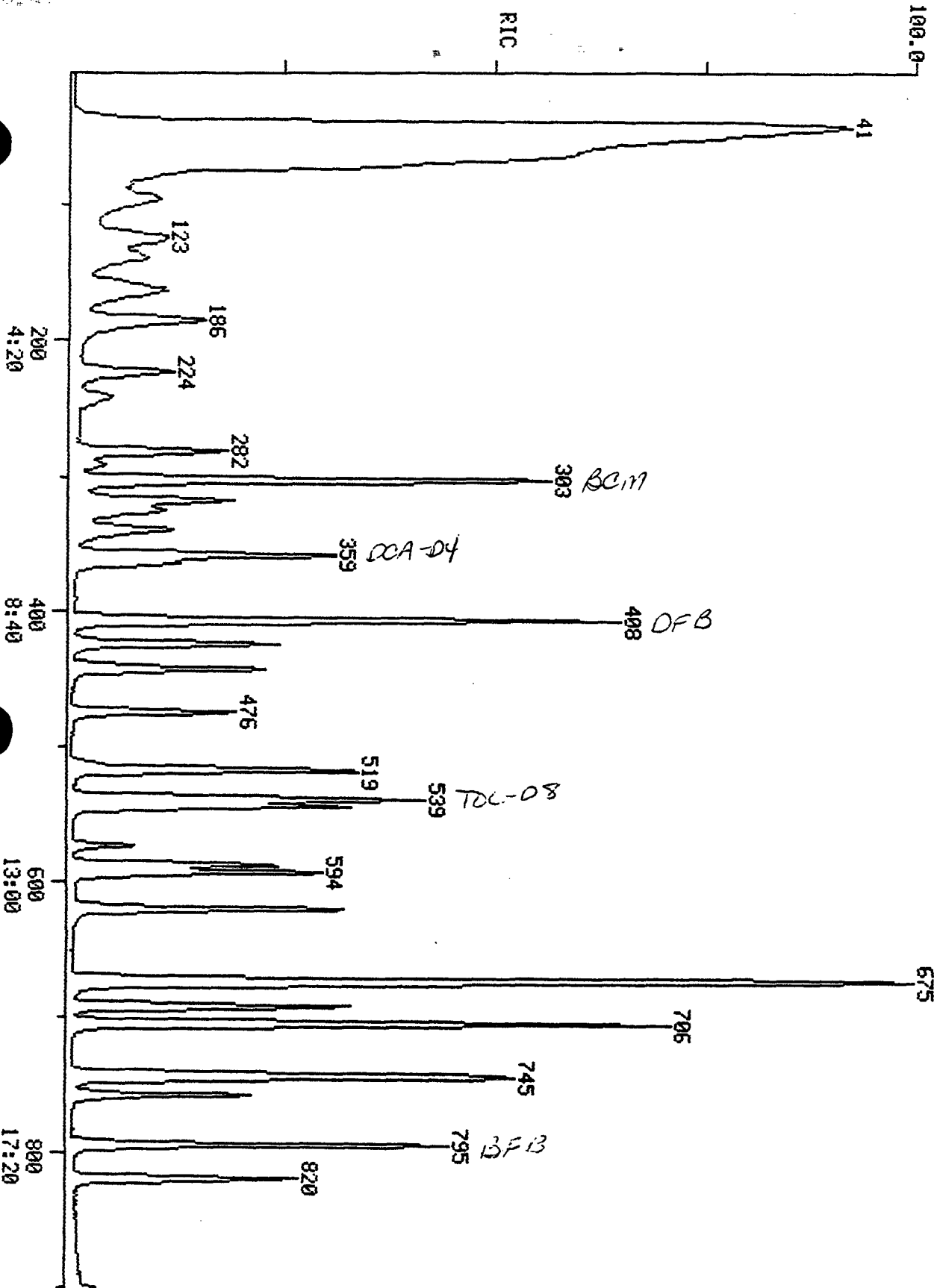
No Name
 48 TRICEPLEROROFLOXACINMETHOME
 49 DICHLORODIFLUDOROMETHOME
 50 CISE-1,2-DICHLOROMETHOME

No	m/z	Scan	Time	Ref	RRF	Mesh	Area/Height	Amount	%Tot
1	128	304	6:39	1	1.000	A-BB	185636.	320.000	0.97
2	114	608	8:50	2	1.000	A-BB	661190.	320.000	0.97
3	117	679	14:37	3	1.000	A-BB	629971.	320.000	0.97
4	50	51	1:19	1	0.201	A-BB	623603.	449.688	1.74
5	94	79	1:37	1	0.247	A-BB	429181.	329.426	1.36
6	62	69	1:24	1	0.214	A-BB	919639.	428.959	1.65
7	64	76	1:39	1	0.250	A-UB	220751.	331.381	1.28
8	84	166	3:36	1	0.546	A-BB	968261.	530.757	2.09
9	43	131	2:00	1	0.431	A-BB	164652.	436.709	1.68
10	76	140	3:02	1	0.461	A-BB	1901030.	506.192	1.99
11	96	124	2:41	1	0.408	A-BB	900632.	466.892	1.81
12	63	229	4:02	1	0.740	A-BB	1133850.	489.958	1.89
13	96	186	4:02	1	0.612	A-BB	937977.	913.882	1.98
14	83	320	6:06	1	1.093	A-BB	1122090.	912.657	1.98
15	62	366	7:06	1	1.206	A-BB	638017.	471.878	1.82
16	43	294	6:22	1	0.967	A-BB	346977.	914.209	1.99
17	97	327	7:09	2	0.801	A-BB	647001.	904.068	1.95
18	117	341	7:23	2	0.836	A-BB	691996.	923.416	2.02
19	43	243	5:16	2	0.596	A-BB	1099290.	907.919	3.90
20	83	477	10:20	2	1.169	A-BB	946490.	498.979	1.93
21	63	465	9:38	2	1.091	A-BB	716366.	479.232	1.83
22	75	919	11:19	2	1.272	A-BB	1347960.	789.408	3.03
23	130	426	9:14	2	1.064	A-BB	660393.	488.114	1.88
24	129	622	13:29	2	1.929	A-BB	997372.	694.609	1.91
25	97	989	12:46	2	1.464	A-BB	631481.	694.291	1.91
26	78	361	7:49	2	0.889	A-BB	1400410.	689.780	1.88
27	79	579	12:27	2	1.409	A-BB	272094.	196.989	0.76
28	173	759	16:27	2	1.860	A-BB	828816.	684.593	1.87
29	43	541	11:43	3	0.801	A-UB	861890.	914.433	1.99
30	43	621	13:27	3	0.920	A-BB	660625.	540.169	2.09
31	164	599	12:03	3	0.881	A-BB	939088.	493.768	1.91
32	83	821	17:47	3	1.216	A-BB	1233200.	494.766	1.91
33	92	546	11:00	3	0.809	A-BB	946919.	502.232	1.94
34	112	677	14:40	3	1.003	A-BB	1337020.	469.023	1.80
35	106	694	15:02	3	1.028	A-UV	973981.	496.922	1.92
36	104	747	16:11	3	1.107	A-BB	1266910.	469.189	1.81
37	106	707	15:19	3	1.047	A-UB	1630680.	898.346	3.47
38	98	940	11:42	3	0.800	A-BB	1373820.	499.689	1.93
39	95	796	17:19	3	1.179	A-BB	1300600.	492.940	1.90
40	65	399	7:47	1	1.181	A-BB	983168.	471.946	1.82
41	63	916	11:08	2	1.260	A-BB	91380.	1228.770	4.74
42	106	746	16:07	3	1.102	A-BB	788369.	469.088	1.81
43	146	909	19:36	3	1.341	A-UV	1356050.	438.889	1.69
44	146	991	20:36	3	1.409	A-BB	1317740.	469.496	1.72
45	146	919	19:49	3	1.396	A-UB	1368970.	429.080	1.64
46	96	117	2:32	1	0.389	A-BB	97984.	1309.650	9.04
47	93	188	4:04	1	0.618	A-BB	281314.	982.277	3.79
48	101	96	2:09	1	0.316	A-BB	877904.	170.739	0.66
49	85	91	1:06	1	0.168	A-BB	477540.	678.010	1.85
50	96	283	6:08	1	0.931	A-BB	577513.	907.944	1.96

RIC
02/05/92 18:59:00
SAMPLE: USTD020, 100NG VOL STD, SML
CONDS.: 510000
RANGE: G 1.1100 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
DATA: V0E1964 #1
CALL: V0E1964 #2
SCANS 1 TO 900

568320.

000219



AR307536

SCAN
TIME

Data: VOE1964.TI
02/05/92 18:59:00
Sample: VSTD020, 100NG VOL STD, 5ML
Conds.: 510000
Formula:
Submitted by:

Instrument: 5100
Analyst: RG

Weight: 0.004
Acct. No.:

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

- | No | Name |
|----|----------------------------|
| 1 | BROMOCHLOROMETHANE |
| 2 | 1,4-DIFLUOROBENZENE |
| 3 | CHLOROBENZENE-D5 |
| 4 | CHLOROMETHANE |
| 5 | BROMOMETHANE |
| 6 | VINYL CHLORIDE |
| 7 | CHLOROETHANE |
| 8 | METHYLENE CHLORIDE |
| 9 | ACETONE |
| 10 | CARBON DISULFIDE |
| 11 | 1,1-DICHLOROETHENE |
| 12 | 1,1-DICHLOROETHANE |
| 13 | 1,2-DICHLOROETHENE (TOTAL) |
| 14 | CHLOROFORM |
| 15 | 1,2-DICHLOROETHANE |
| 16 | 2-BUTANONE |
| 17 | 1,1,1-TRICHLOROETHANE |
| 18 | CARBON TETRACHLORIDE |
| 19 | VINYL ACETATE |
| 20 | BROMODICHLOROMETHANE |
| 21 | 1,2-DICHLOROPROPANE |
| 22 | CIS-1,3-DICHLOROPROPENE |
| 23 | TRICHLOROETHENE |
| 24 | DIBROMOCHLOROMETHANE |
| 25 | 1,1,2-TRICHLOROETHANE |
| 26 | BENZENE |
| 27 | TRANS-1,3-DICHLOROPROPENE |
| 28 | BROMOFORM |
| 29 | 4-METHYL-2-PENTANONE |
| 30 | 2-HEXANONE |
| 31 | TETRACHLOROETHENE |
| 32 | 1,1,2,2-TETRACHLOROETHANE |
| 33 | TOLUENE |
| 34 | CHLOROBENZENE |
| 35 | ETHYLBENZENE |
| 36 | STYRENE |
| 37 | XYLENES |
| 38 | TOLUENE-D8 |
| 39 | BROMOFLUOROBENZENE |
| 40 | 1,2-DICHLOROETHANE-D4 |
| 41 | 2-CHLOROETHYL VINYL ETHER |
| 42 | XYLENE (TOTAL) |
| 43 | 1,3-DICHLOROBENZENE |
| 44 | 1,2-DICHLOROBENZENE |
| 45 | 1,4-DICHLOROBENZENE |
| 46 | ACROLEIN |
| 47 | ACRYLONITRILE |

000220

AR307537

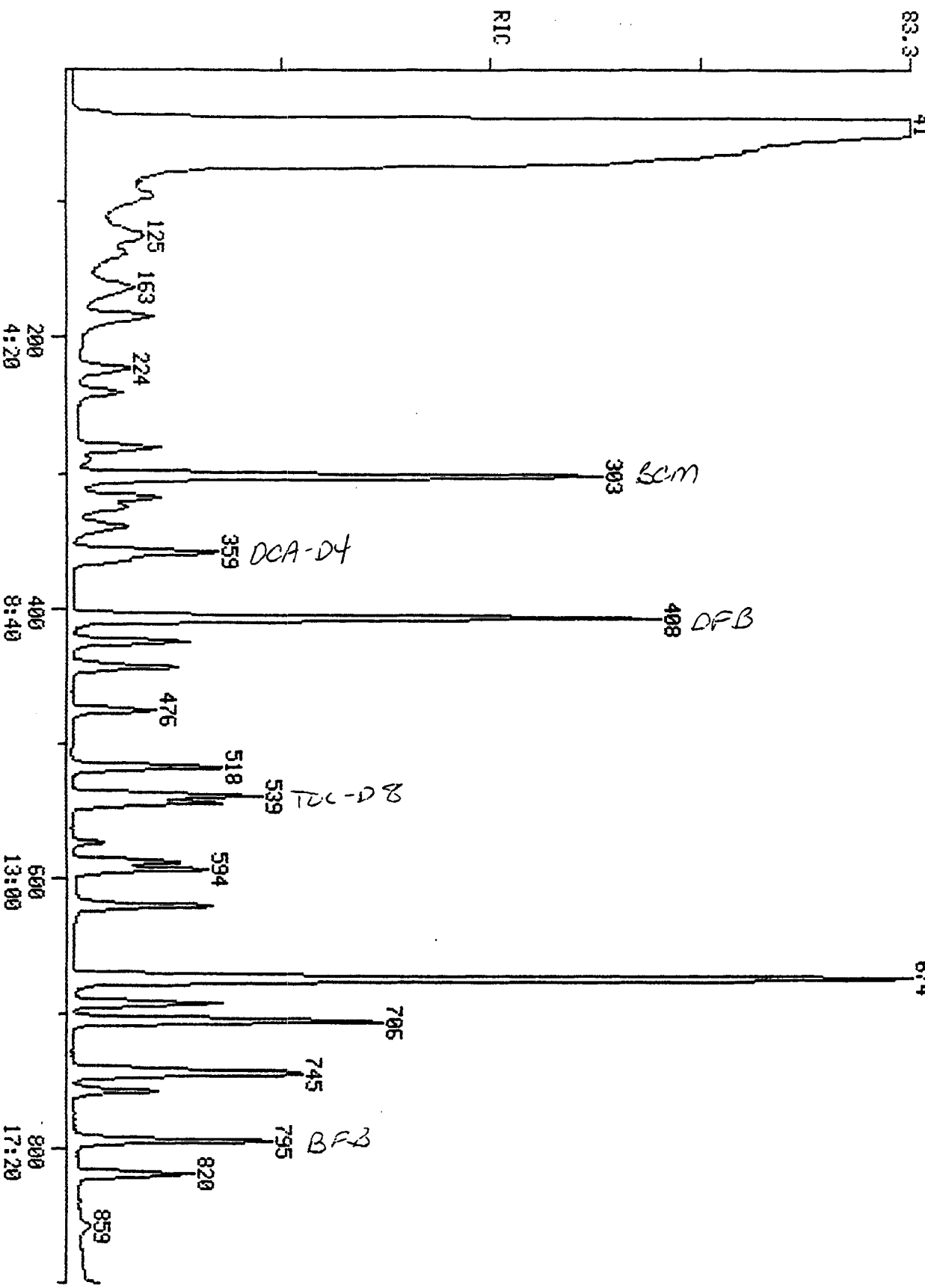
No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
1	128	303	6:34	1	1.000	A BB	176966.	250.000 NG	4.73
2	114	408	8:50	2	1.000	A BB	636908.	250.000 NG	4.73
3	117	674	14:36	3	1.000	A BB	563970.	250.000 NG	4.73
4	50	60	1:18	1	0.198	A BB	124744.	94.361 NG	1.79
5	94	75	1:37	1	0.248	A BB	101544.	88.543 NG	1.67
6	62	65	1:24	1	0.215	A BB	101941.	88.877 NG	1.68
7	64	76	1:39	1	0.251	A VB	64463.	101.510 NG	1.92
8	84	165	3:34	1	0.545	A BB	104936.	102.812 NG	1.94
9	43	128	2:46	1	0.422	A BB	39090.	108.424 NG	2.05
10	76	138	2:59	1	0.455	A BB	251064.	88.814 NG	1.68
11	96	124	2:41	1	0.409	A BB	89008.	90.806 NG	1.72
12	63	224	4:51	1	0.739	A BB	199923.	90.622 NG	1.71
13	96	185	4:00	1	0.611	A BB	93179.	93.366 NG	1.77
14	83	319	6:55	1	1.053	A BB	190942.	91.510 NG	1.73
15	62	366	7:56	1	1.208	A BB	115465.	89.582 NG	1.69
16	43	292	6:20	1	0.964	A BB	68026.	105.751 NG	2.00
17	97	326	7:04	2	0.799	A BB	109049.	88.198 NG	1.67
18	117	340	7:22	2	0.833	A BB	107138.	89.289 NG	1.69
19	43	241	5:13	2	0.591	A BB	99331.	64.128 NG	1.21
20	83	476	10:19	2	1.167	A BB	154958.	84.989 NG	1.61
21	63	444	9:37	2	1.088	A BB	126537.	87.144 NG	1.65
22	75	518	11:13	2	1.270	A BB	221023.	133.731 NG	2.53
23	130	425	9:12	2	1.042	A BB	114437.	87.813 NG	1.66
24	129	622	13:29	2	1.525	A BB	151607.	78.050 NG	1.48
25	97	588	12:44	2	1.441	A BB	103810.	84.355 NG	1.60
26	78	360	7:48	2	0.882	A BB	247403.	89.091 NG	1.69
27	75	574	12:26	2	1.407	A BB	42142.	31.673 NG	0.60
28	173	758	16:25	2	1.858	A BB	125941.	76.498 NG	1.45
29	43	540	11:42	3	0.801	A BB	152826.	101.250 NG	1.92
30	43	621	13:27	3	0.921	A BB	104132.	97.456 NG	1.84
31	164	594	12:52	3	0.881	A BB	89043.	90.523 NG	1.71
32	83	820	17:46	3	1.217	A BB	207835.	92.547 NG	1.75
33	92	545	11:48	3	0.809	A BB	157887.	92.986 NG	1.76
34	112	677	14:40	3	1.004	A BB	237200.	91.569 NG	1.73
35	106	693	15:01	3	1.028	A BV	94695.	90.985 NG	1.72
36	104	746	16:10	3	1.107	A BB	208527.	85.743 NG	1.62
37	106	706	15:18	3	1.047	A VB	254163.	177.137 NG	3.35
38	98	539	11:41	3	0.800	A BB	265694.	107.261 NG	2.03
39	95	795	17:13	3	1.180	A BB	223138.	101.604 NG	1.92
40	65	358	7:45	1	1.182	A BB	117318.	99.595 NG	1.88
41	63	513	11:07	2	1.257	A BB	15336.	214.083 NG	4.05
42	106	743	16:06	3	1.102	A BB	132025.	87.193 NG	1.65
43	146	904	19:35	3	1.341	A BV	242718.	87.192 NG	1.65
44	146	950	20:35	3	1.409	A BB	237111.	88.966 NG	1.68
45	146	914	19:48	3	1.356	A VB	255504.	88.084 NG	1.67
46	56	115	2:29	1	0.380	A BB	6637.	92.772 NG	1.75
47	53	186	4:02	1	0.614	A BB	50383.	184.545 NG	3.49
48	101	96	2:05	1	0.317	A BB	197753.	40.348 NG	0.76
49	85	51	1:06	1	0.168	A BB	96945.	101.791 NG	1.93
50	96	282	6:07	1	0.931	A BB	100413.	92.644 NG	1.75

AR307538

000221

RIC
02/05/92 19:34:00
SAMPLE: USTD010, SONG VOL STD, SML
COND.: 510000
RANGE: G 1.1100 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
DATA: V0E1965 #1
CALL: V0E1965 #2
SCANS 1 TO 900



SCAN
TIME

459093.

AR307539

000222

Data: V0E1965.TI
02/05/92 19:34:00
Sample: VSTD010, 50NG VOL STD, 5ML
Conds.: 510000

Formula: Instrument: 5100 Weight: 0.005
Submitted by: Analyst: RG Acct. No.:

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

- No Name
- 1 BROMOCHLOROMETHANE
- 2 1,4-DIFLUOROBENZENE
- 3 CHLOROBENZENE-D5
- 4 CHLOROMETHANE
- 5 BROMOMETHANE
- 6 VINYL CHLORIDE
- 7 CHLOROETHANE
- 8 METHYLENE CHLORIDE
- 9 ACETONE
- 10 CARBON DISULFIDE
- 11 1,1-DICHLOROETHENE
- 12 1,1-DICHLOROETHANE
- 13 1,2-DICHLOROETHENE (TOTAL)
- 14 CHLOROFORM
- 15 1,2-DICHLOROETHANE
- 16 2-BUTANONE
- 17 1,1,1-TRICHLOROETHANE
- 18 CARBON TETRACHLORIDE
- 19 VINYL ACETATE
- 20 BROMODICHLOROMETHANE
- 21 1,2-DICHLOROPROPANE
- 22 CIS-1,3-DICHLOROPROPENE
- 23 TRICHLOROETHENE
- 24 DIBROMOCHLOROMETHANE
- 25 1,1,2-TRICHLOROETHANE
- 26 BENZENE
- 27 TRANS-1,3-DICHLOROPROPENE
- 28 BROMOFORM
- 29 4-METHYL-2-PENTANONE
- 30 2-HEXANONE
- 31 TETRACHLOROETHENE
- 32 1,1,2,2-TETRACHLOROETHANE
- 33 TOLUENE
- 34 CHLOROBENZENE
- 35 ETHYLBENZENE
- 36 STYRENE
- 37 XYLENES
- 38 TOLUENE-D8
- 39 BROMOFLUOROBENZENE
- 40 1,2-DICHLOROETHANE-D4
- 41 2-CHLOROETHYL VINYL ETHER
- 42 XYLENE (TOTAL)
- 43 1,3-DICHLOROBENZENE
- 44 1,2-DICHLOROBENZENE
- 45 1,4-DICHLOROBENZENE
- 46 ACROLEIN
- 47 ACRYLONITRILE

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	303	6:34	1	1.000	A BB	154584.	250.000 NG	7.90
2	114	408	8:50	2	1.000	A BB	543334.	250.000 NG	7.90
3	117	674	14:36	3	1.000	A BB	494897.	250.000 NG	7.90
4	50	60	1:18	1	0.198	A BB	70112.	60.715 NG	1.92
5	94	76	1:39	1	0.251	A BB	59695.	59.588 NG	1.88
6	62	64	1:23	1	0.211	A BB	58422.	58.310 NG	1.84
7	64	76	1:39	1	0.251	A VB	37292.	67.226 NG	2.13
8	84	163	3:32	1	0.538	A BB	44995.	50.467 NG	1.60
9	43	127	2:45	1	0.419	A BB	24232.	76.944 NG	2.43
10	76	138	2:59	1	0.455	A BB	116227.	47.069 NG	1.49
11	96	123	2:40	1	0.406	A BB	41588.	48.571 NG	1.54
12	63	224	4:51	1	0.739	A BB	93475.	48.506 NG	1.53
13	96	184	3:59	1	0.607	A BB	41668.	47.797 NG	1.51
14	83	318	6:53	1	1.050	A BB	81273.	44.590 NG	1.41
15	62	365	7:54	1	1.205	A BB	49296.	43.783 NG	1.38
16	43	291	6:18	1	0.960	A BB	32521.	57.876 NG	1.83
17	97	325	7:02	2	0.797	A BB	52471.	49.746 NG	1.57
18	117	340	7:22	2	0.833	A BB	46017.	44.955 NG	1.42
19	43	241	5:13	2	0.591	A BB	104359.	78.977 NG	2.50
20	83	476	10:19	2	1.167	A BB	64545.	41.498 NG	1.31
21	63	444	9:37	2	1.088	A BB	54756.	44.204 NG	1.40
22	75	518	11:13	2	1.270	A BB	90940.	64.500 NG	2.04
23	130	425	9:12	2	1.042	A BB	50271.	45.219 NG	1.43
24	129	621	13:27	2	1.522	A BB	60394.	36.447 NG	1.15
25	97	588	12:44	2	1.441	A BB	43161.	41.112 NG	1.30
26	78	360	7:48	2	0.882	A BB	104656.	44.178 NG	1.40
27	75	574	12:26	2	1.407	A BB	16743.	14.751 NG	0.47
28	173	758	16:25	2	1.858	A BB	47520.	33.835 NG	1.07
29	43	540	11:42	3	0.801	A BB	63504.	47.944 NG	1.52
30	43	621	13:27	3	0.921	A BB	45757.	48.800 NG	1.54
31	164	594	12:52	3	0.881	A BB	37469.	43.408 NG	1.37
32	83	820	17:46	3	1.217	A BB	84323.	42.789 NG	1.35
33	92	545	11:48	3	0.809	A BB	66766.	44.809 NG	1.42
34	112	676	14:39	3	1.003	A BB	102954.	45.291 NG	1.43
35	106	693	15:01	3	1.028	A BB	40664.	44.524 NG	1.41
36	104	746	16:10	3	1.107	A BB	86665.	40.609 NG	1.28
37	106	706	15:18	3	1.047	A BB	107234.	85.167 NG	2.69
38	98	539	11:41	3	0.800	A BB	111755.	51.413 NG	1.63
39	95	795	17:13	3	1.180	A BB	94653.	49.115 NG	1.55
40	65	358	7:45	1	1.182	A BB	50818.	49.387 NG	1.56
41	63	513	11:07	2	1.257	A BB	875.	14.318 NG	0.45
42	106	743	16:06	3	1.102	A BB	55507.	41.775 NG	1.32
43	146	904	19:35	3	1.341	A BV	107749.	44.109 NG	1.39
44	146	950	20:35	3	1.409	A BB	108864.	46.548 NG	1.47
45	146	914	19:48	3	1.356	A VB	113577.	44.620 NG	1.41
46	56	115	2:29	1	0.380	A BB	9639.	154.241 NG	4.88
47	53	185	4:00	1	0.611	A BB	23004.	96.459 NG	3.05
48	101	96	2:05	1	0.317	A VB	92738.	21.661 NG	0.68
49	85	50	1:05	1	0.165	A BB	50293.	60.453 NG	1.91
50	96	282	6:07	1	0.931	A BB	42691.	45.091 NG	1.43

AR307541

000224

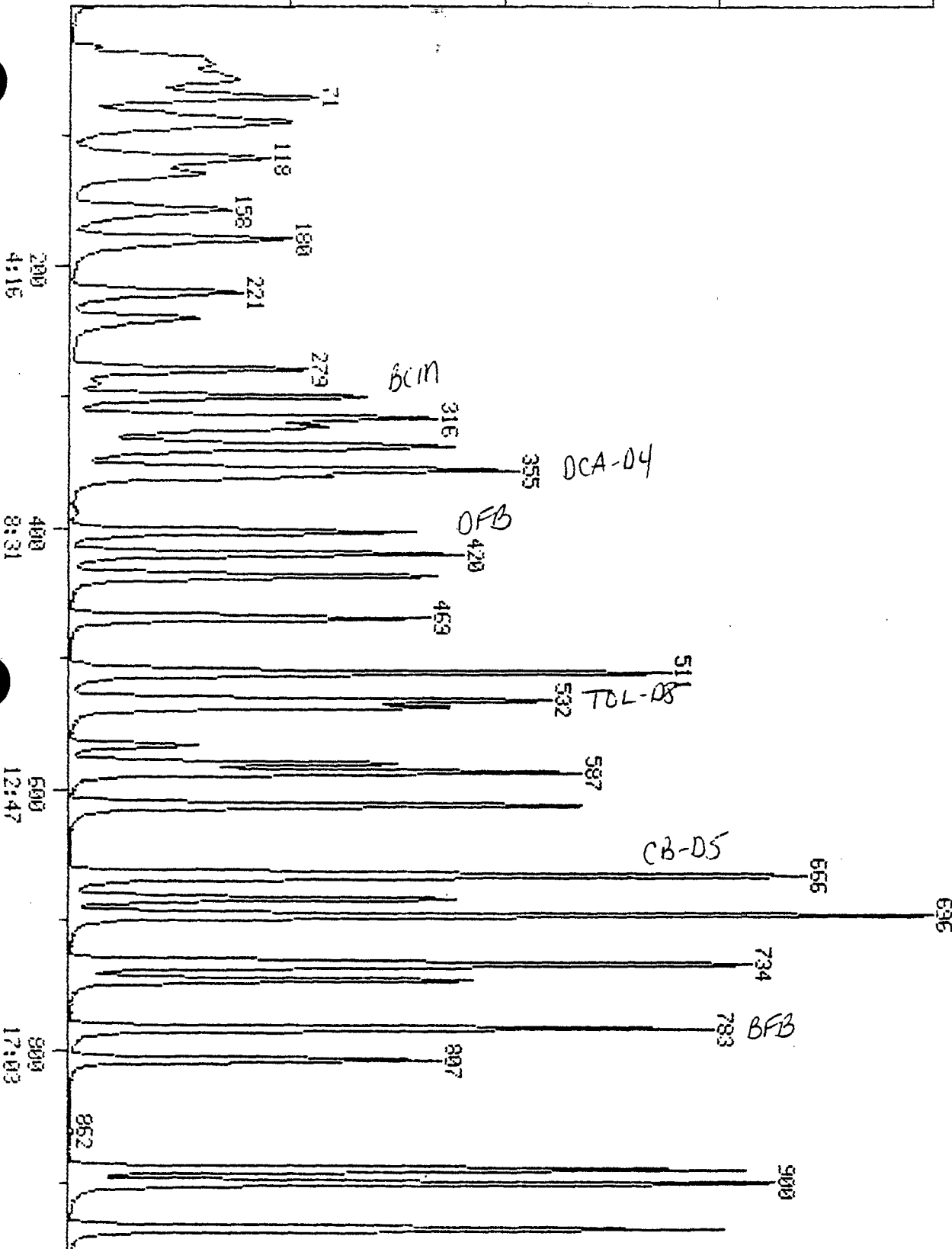
MIDRIC
02/06/92 10:59:00
SAMPLE: UST0050, 250NG UOL STD, 5ML
CONDS.: FINN52
RANGE: 0 1.1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9959 #1
CALL: CALTAB #3

SCANS 1 TO 950

100.0-

RIC



184576.

AR307542

000225

SCAN
TIME

Data: VOL9959.TI
02/06/92 10:59:00

Sample: VSTD050, 250NG VOL STD, 5ML

Conds.: FINN52

Formula: VOC

Submitted by: WADS

Instrument: FINN52

Analyst: JP

Weight: 0.000

Acct. No.: 68D10008

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

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

000226

AR307543

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	299	6:22	1	1.000	A BB	27612.	250.000 NG	1.89
2	114	403	8:35	2	1.000	A BB	102103.	250.000 NG	1.89
3	117	665	14:10	3	1.000	A BB	81227.	250.000 NG	1.89
4	50	53	1:08	1	0.177	A BB	42861.	250.000 NG	1.89
5	94	70	1:29	1	0.234	A BB	54459.	250.000 NG	1.89
6	62	58	1:14	1	0.194	A BV	35979.	250.000 NG	1.89
7	64	71	1:31	1	0.237	A BB	33674.	250.000 NG	1.89
8	84	157	3:21	1	0.525	A BB	37971.	250.000 NG	1.89
9	43	123	2:37	1	0.411	A BB	13056.	250.000 NG	1.89
10	76	130	2:46	1	0.435	A BB	122788.	250.000 NG	1.89
11	96	118	2:31	1	0.395	A BB	43197.	250.000 NG	1.89
12	63	221	4:43	1	0.739	A BB	85619.	250.000 NG	1.89
13	96	180	3:50	1	0.602	A BB	40120.	250.000 NG	1.89
14	83	315	6:43	1	1.054	A BB	97277.	250.000 NG	1.89
15	62	360	7:40	1	1.204	A BV	84444.	250.000 NG	1.89
16	43	289	6:09	1	0.967	A BB	19206.	250.000 NG	1.89
17	97	322	6:52	2	0.799	A BB	84223.	250.000 NG	1.89
18	117	337	7:11	2	0.836	A BB	103581.	250.000 NG	1.89
19	43	241	5:08	2	0.598	A BB	128181.	250.000 NG	1.89
20	83	469	10:00	2	1.164	A BB	82603.	250.000 NG	1.89
21	63	437	9:19	2	1.084	A BV	40435.	250.000 NG	1.89
22	75	511	10:53	2	1.268	A BV	85215.	405.000 NG	3.06
23	130	420	8:57	2	1.042	A BB	41791.	250.000 NG	1.89
24	129	612	13:02	2	1.519	A BB	82065.	250.000 NG	1.89
25	97	580	12:21	2	1.439	A BB	32892.	250.000 NG	1.89
26	78	356	7:35	2	0.883	A BB	87545.	250.000 NG	1.89
27	75	567	12:05	2	1.407	A BV	18755.	95.000 NG	0.72
28	173	746	15:54	2	1.851	A BB	78689.	250.000 NG	1.89
29	43	533	11:21	3	0.802	A BB	59130.	250.000 NG	1.89
30	43	613	13:04	3	0.922	A BB	43977.	250.000 NG	1.89
31	164	587	12:30	3	0.883	A BB	40355.	250.000 NG	1.89
32	83	807	17:12	3	1.214	A BV	63654.	250.000 NG	1.89
33	91	538	11:28	3	0.809	A BV	90499.	250.000 NG	1.89
34	112	667	14:13	3	1.003	A BB	76444.	250.000 NG	1.89
35	106	684	14:34	3	1.029	A BB	29508.	250.000 NG	1.89
36	104	735	15:40	3	1.105	A BB	78373.	250.000 NG	1.89
37	106	696	14:50	3	1.047	A VB	89257.	500.000 NG	3.77
38	98	532	11:20	3	0.800	A BV	89131.	250.000 NG	1.89
39	95	783	16:41	3	1.177	A BB	80209.	250.000 NG	1.89
40	65	354	7:33	1	1.184	A BB	81028.	250.000 NG	1.89
41	63	507	10:48	2	1.258	A BB	4742.	250.000 NG	1.89
42	106	733	15:37	3	1.102	A BB	45077.	250.000 NG	1.89
43	146	890	18:58	3	1.338	A BV	100163.	250.000 NG	1.89
44	146	935	19:55	3	1.406	A BB	97330.	250.000 NG	1.89
45	146	900	19:10	3	1.353	A VB	109847.	250.000 NG	1.89
46	56	110	2:21	1	0.368	A BB	8252.	500.000 NG	3.77
47	53	181	3:51	1	0.605	A BB	12515.	500.000 NG	3.77
48	101	89	1:54	1	0.298	A BB	156082.	250.000 NG	1.89
49	85	46	0:59	1	0.154	A BB	41619.	250.000 NG	1.89
50	96	279	5:57	1	0.933	A BB	36878.	250.000 NG	1.89

AR307544

000227

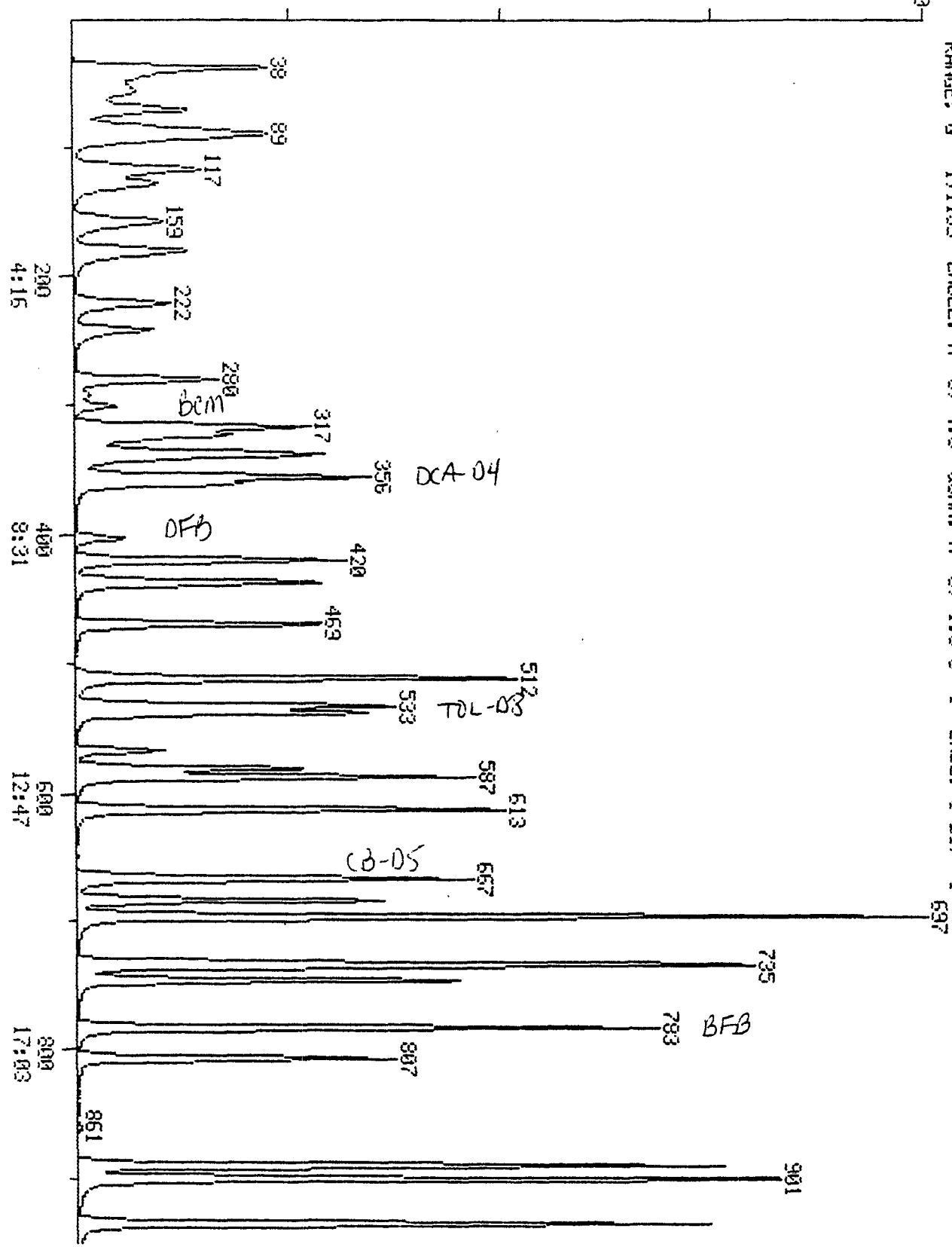
MIDRIC
02/06/92 11:42:00
SAMPLE: USTD200, 1000MS VOL STD, SML
COND.: FINN52
RANGE: G 1.1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9960 #1
CALL: VOL9960 #3

SCANS 1 TO 350

100.0

RIC



1279990.

AR307545

000228

SCAN
TIME

Data: VOL9960.TI
02/06/92 11:42:00
Sample: VSTD200, 1000NG VOL STD, 5ML
Conds.: FINN52
Formula: VOC
Submitted by: WADS

Instrument: FINN52
Analyst: JP

Weight: 0.000
Acct. No.: 68D10008

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

- No Name
- 1 BROMOCHLOROMETHANE
- 2 1,4-DIFLUOROBENZENE
- 3 CHLOROBENZENE-D5
- 4 CHLOROMETHANE
- 5 BROMOMETHANE
- 6 VINYL CHLORIDE
- 7 CHLOROETHANE
- 8 METHYLENE CHLORIDE
- 9 ACETONE
- 10 CARBON DISULFIDE
- 11 1,1-DICHLOROETHENE
- 12 1,1-DICHLOROETHANE
- 13 1,2-DICHLOROETHENE (TOTAL)
- 14 CHLOROFORM
- 15 1,2-DICHLOROETHANE
- 16 2-BUTANONE
- 17 1,1,1-TRICHLOROETHANE
- 18 CARBON TETRACHLORIDE
- 19 VINYL ACETATE
- 20 BROMODICHLOROMETHANE
- 21 1,2-DICHLOROPROPANE
- 22 CIS-1,3-DICHLOROPROPENE
- 23 TRICHLOROETHENE
- 24 DIBROMOCHLOROMETHANE
- 25 1,1,2-TRICHLOROETHANE
- 26 BENZENE
- 27 TRANS-1,3-DICHLOROPROPENE
- 28 BROMOFORM
- 29 4-METHYL-2-PENTANONE
- 30 2-HEXANONE
- 31 TETRACHLOROETHENE
- 32 1,1,2,2-TETRACHLOROETHANE
- 33 TOLUENE
- 34 CHLOROBENZENE
- 35 ETHYLBENZENE
- 36 STYRENE
- 37 XYLENES
- 38 TOLUENE-D9
- 39 BROMOFLUOROBENZENE
- 40 1,2-DICHLOROETHANE-D4
- 41 2-CHLOROETHYL VINYL ETHER
- 42 XYLENE (TOTAL)
- 43 1,3-DICHLOROBENZENE
- 44 1,2-DICHLOROBENZENE
- 45 1,4-DICHLOROBENZENE
- 46 ACROLEIN
- 47 ACRYLONITRILE

000229

AR307546

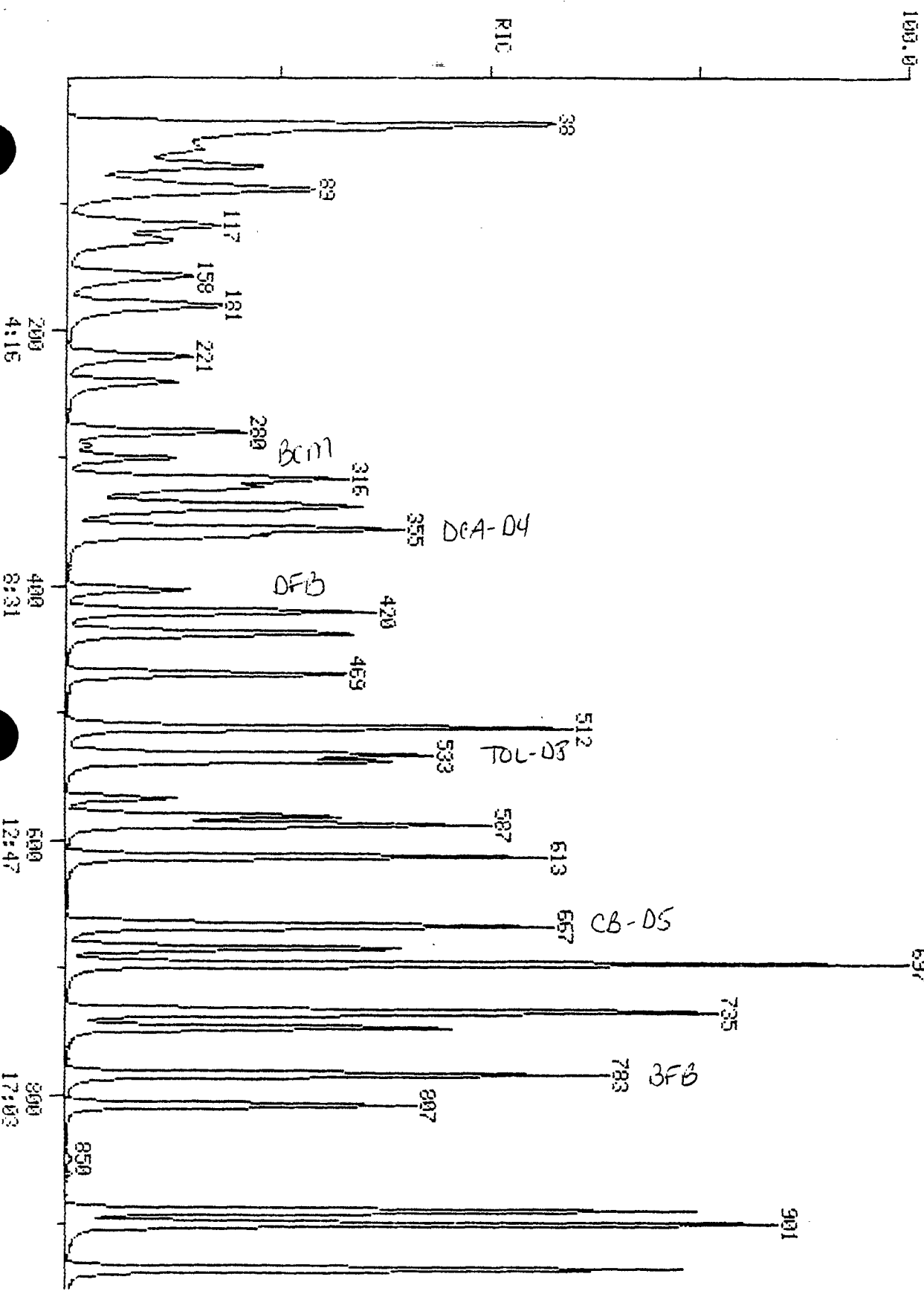
No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	301	6:25	1	1.000	A BV	27537.	250.000 NG	0.43
2	114	403	8:35	2	1.000	A BV	100976.	250.000 NG	0.43
3	117	665	14:10	3	1.000	A BB	95361.	250.000 NG	0.43
4	50	54	1:09	1	0.179	A BB	119728.	700.256 NG	1.21
5	94	70	1:29	1	0.233	A BB	189541.	872.487 NG	1.51
6	62	58	1:14	1	0.193	A BV	110478.	769.757 NG	1.33
7	64	72	1:32	1	0.239	A VB	129704.	965.570 NG	1.67
8	84	159	3:23	1	0.528	A BB	151192.	998.151 NG	1.72
9	43	129	2:45	1	0.429	A BB	52158.	1001.460 NG	1.73
10	76	129	2:45	1	0.429	A BB	517427.	1056.370 NG	1.82
11	96	117	2:30	1	0.389	A BB	191381.	1110.630 NG	1.92
12	63	222	4:44	1	0.738	A BB	352807.	1032.980 NG	1.78
13	96	181	3:51	1	0.601	A BB	160364.	1001.990 NG	1.73
14	83	317	6:45	1	1.053	A BB	423493.	1091.330 NG	1.88
15	62	361	7:41	1	1.199	A BB	375250.	1113.970 NG	1.92
16	43	292	6:13	1	0.970	A BB	75421.	984.411 NG	1.70
17	97	323	6:53	2	0.801	A BB	377939.	1134.350 NG	1.96
18	117	338	7:12	2	0.839	A BB	485548.	1184.980 NG	2.04
19	43	242	5:09	2	0.600	A BB	531384.	1047.960 NG	1.81
20	83	469	10:00	2	1.164	A BB	393598.	1204.530 NG	2.08
21	63	437	9:19	2	1.084	A BV	185113.	1157.270 NG	2.00
22	75	512	10:54	2	1.270	A BB	426174.	2048.060 NG	3.53
23	130	420	8:57	2	1.042	A BB	201088.	1216.360 NG	2.10
24	129	613	13:04	2	1.521	A BB	448566.	1381.740 NG	2.38
25	97	580	12:21	2	1.439	A BB	158191.	1215.760 NG	2.10
26	78	356	7:35	2	0.883	A BB	414922.	1198.100 NG	2.07
27	75	566	12:04	2	1.404	A BB	94569.	484.376 NG	0.84
28	173	746	15:54	2	1.851	A BB	521037.	1673.830 NG	2.89
29	43	534	11:23	3	0.803	A BB	287816.	1036.520 NG	1.79
30	43	613	13:04	3	0.922	A BB	226902.	1098.700 NG	1.90
31	164	587	12:30	3	0.883	A BB	215268.	1135.930 NG	1.96
32	83	807	17:12	3	1.214	A BB	388202.	1298.680 NG	2.24
33	91	538	11:28	3	0.809	A BB	476697.	1121.680 NG	1.93
34	112	667	14:13	3	1.003	A BB	402754.	1121.930 NG	1.94
35	106	684	14:34	3	1.029	A BV	156519.	1129.510 NG	1.95
36	104	735	15:40	3	1.105	A BB	522720.	1420.270 NG	2.45
37	106	697	14:51	3	1.048	A VB	579677.	2765.940 NG	4.77
38	98	532	11:20	3	0.800	A BB	388646.	928.530 NG	1.60
39	95	783	16:41	3	1.177	A BB	487660.	1294.680 NG	2.23
40	65	355	7:34	1	1.179	A BB	331570.	1025.790 NG	1.77
41	63	507	10:48	2	1.258	A BB	21236.	1132.020 NG	1.95
42	106	733	15:37	3	1.102	A BB	291412.	1376.640 NG	2.37
43	146	890	18:58	3	1.338	A BV	681698.	1449.290 NG	2.50
44	146	935	19:55	3	1.406	A BB	653058.	1428.820 NG	2.46
45	146	900	19:10	3	1.353	A VB	759926.	1473.170 NG	2.54
46	56	113	2:24	1	0.375	A BB	32583.	1979.580 NG	3.41
47	53	184	3:55	1	0.611	A BB	51310.	2055.470 NG	3.55
48	101	89	1:54	1	0.296	A BB	970029.	1557.950 NG	2.69
49	85	46	0:59	1	0.153	A BB	115572.	696.123 NG	1.20
50	96	280	5:58	1	0.930	A BB	153895.	1046.120 NG	1.80

AR307547

000230

MIDRIC
 02/06/92 12:21:00
 SAMPLE: UST0100, 500MG UOL STD, 5ML
 COMPS.: FINMS2
 RANGE: G 1,1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
 DATA: UOL9961 #1
 CALL: UOL9961 #3
 SCANS 1 TO 350



556032.

AR307548

000231

SCAN
17:03

Data: VOL9961.TI
02/06/92 12:21:00

Sample: VSTD100, 500NG VOL STD, 5ML

Conds.: FINN52

Formula: VOC

Instrument: FINN52

Weight: 0.000

Submitted by: WADS

Analyst: JP

Acct. No.: 68D10008

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

000232

AR307549

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	300	6:23	1	1.000	A BB	30651.	250.000 NG	0.87
2	114	403	8:35	2	1.000	A BB	108927.	250.000 NG	0.87
3	117	665	14:10	3	1.000	A BB	100139.	250.000 NG	0.87
4	50	54	1:09	1	0.180	A BB	82879.	435.486 NG	1.51
5	94	70	1:29	1	0.233	A BB	120004.	496.271 NG	1.72
6	62	58	1:14	1	0.193	A BV	76211.	477.050 NG	1.66
7	64	71	1:31	1	0.237	A BB	80347.	537.368 NG	1.87
8	84	158	3:22	1	0.527	A BB	88136.	522.743 NG	1.82
9	43	127	2:42	1	0.423	A BB	35446.	611.444 NG	2.12
10	76	130	2:46	1	0.433	A BB	287281.	526.922 NG	1.83
11	96	117	2:30	1	0.390	A BB	101716.	530.308 NG	1.84
12	63	221	4:43	1	0.737	A BB	209577.	551.275 NG	1.91
13	96	180	3:50	1	0.600	A BB	97529.	547.473 NG	1.90
14	83	316	6:44	1	1.053	A BB	228993.	530.156 NG	1.84
15	62	361	7:41	1	1.203	A BB	200541.	534.845 NG	1.86
16	43	291	6:12	1	0.970	A BB	52628.	617.114 NG	2.14
17	97	323	6:53	2	0.801	A BB	207774.	578.096 NG	2.01
18	117	337	7:11	2	0.836	A BB	250188.	566.013 NG	1.97
19	43	241	5:08	2	0.598	A BB	339704.	621.039 NG	2.16
20	83	469	10:00	2	1.164	A BB	202009.	573.082 NG	1.99
21	63	437	9:19	2	1.084	A BB	96677.	560.275 NG	1.95
22	75	512	10:54	2	1.270	A BB	218520.	973.484 NG	3.38
23	130	420	8:57	2	1.042	A BB	101475.	569.004 NG	1.98
24	129	613	13:04	2	1.521	A BB	213029.	608.309 NG	2.11
25	97	581	12:23	2	1.442	A BB	83722.	596.469 NG	2.07
26	78	356	7:35	2	0.883	A BB	214182.	573.315 NG	1.99
27	75	567	12:05	2	1.407	A BB	47880.	227.337 NG	0.79
28	173	747	15:55	2	1.854	A BB	235483.	701.272 NG	2.44
29	43	534	11:23	3	0.803	A BB	169005.	579.603 NG	2.01
30	43	613	13:04	3	0.922	A BB	133777.	616.866 NG	2.14
31	164	587	12:30	3	0.883	A BB	107275.	539.061 NG	1.87
32	83	807	17:12	3	1.214	A BB	193748.	617.234 NG	2.14
33	91	538	11:28	3	0.809	A BB	232522.	521.028 NG	1.81
34	112	667	14:13	3	1.003	A BB	198919.	527.679 NG	1.83
35	106	684	14:34	3	1.029	A BB	77291.	531.154 NG	1.84
36	104	736	15:41	3	1.107	A BB	219732.	568.543 NG	1.97
37	106	697	14:51	3	1.048	A VB	247726.	1125.630 NG	3.91
38	98	532	11:20	3	0.800	A BB	188868.	429.704 NG	1.49
39	95	783	16:41	3	1.177	A BB	203833.	515.335 NG	1.79
40	65	354	7:33	1	1.180	A BB	175963.	489.076 NG	1.70
41	63	508	10:49	2	1.261	A BB	8916.	440.605 NG	1.53
42	106	733	15:37	3	1.102	A BV	126156.	567.533 NG	1.97
43	146	890	18:58	3	1.338	A BV	301169.	609.736 NG	2.12
44	146	935	19:55	3	1.406	A BB	286875.	597.703 NG	2.08
45	146	901	19:12	3	1.355	A VB	324486.	599.027 NG	2.08
46	56	112	2:23	1	0.373	A BB	21024.	1147.540 NG	3.99
47	53	182	3:53	1	0.607	A BB	36561.	1315.810 NG	4.57
48	101	89	1:54	1	0.297	A BB	481397.	694.615 NG	2.41
49	85	47	1:00	1	0.157	A BB	76326.	413.025 NG	1.43
50	96	279	5:57	1	0.930	A BB	86983.	531.204 NG	1.84

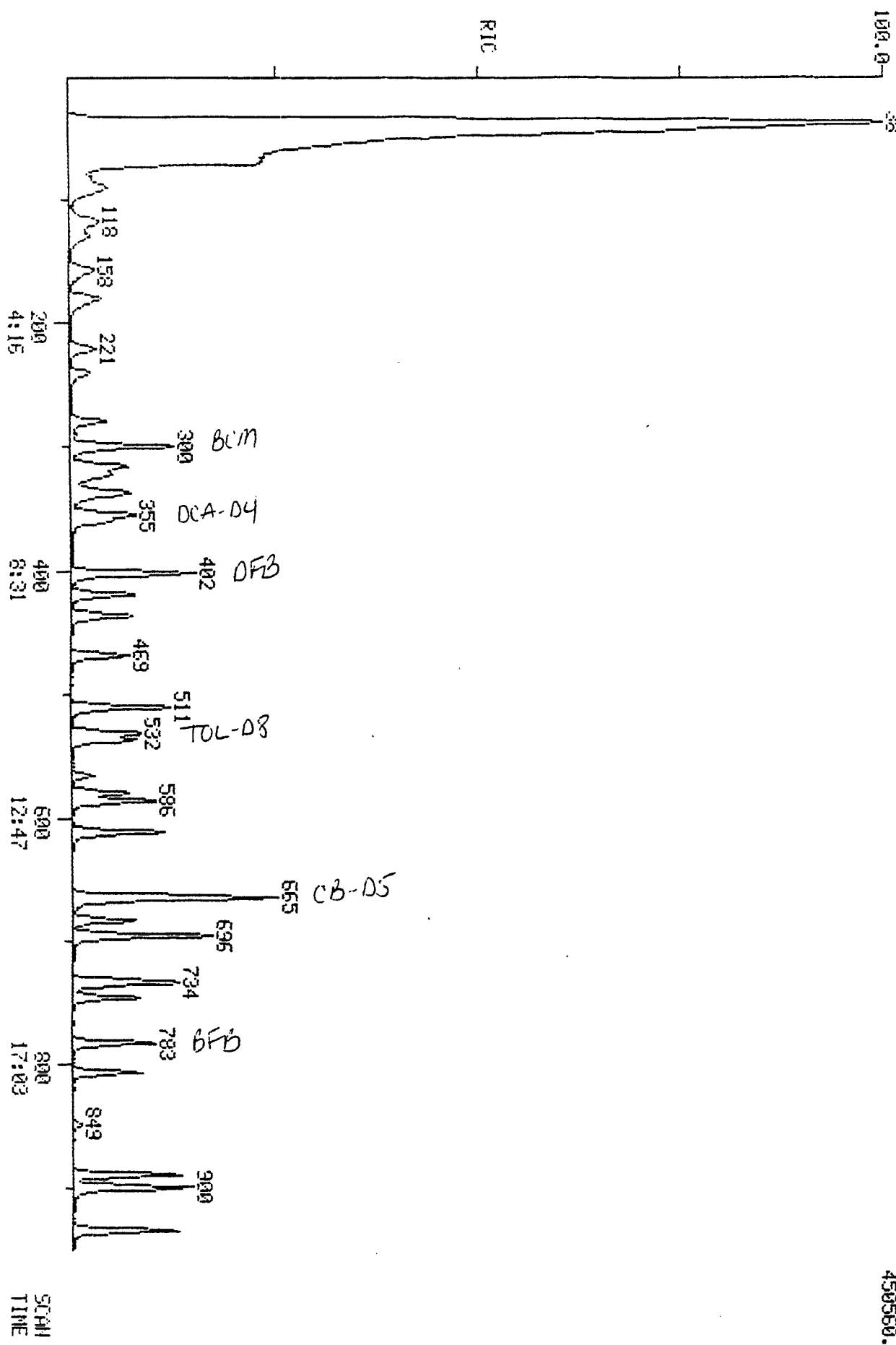
000233

AR307550

MIDRIC
02/06/92 12:55:00
SAMPLE: UST0020, 100HG VOL STD, 5ML
COND5.: FINN52
RANGE: G 1.1153 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9962 #1
CALL: VOL9962 #3
SCANS 1 TO 950

450560.



AR307551

000234

Data: VOL9962.TI
02/06/92 12:55:00

Sample: VSTD020, 100NG VOL STD, 5ML

Conds.: FINN52

Formula: VOC

Submitted by: WADS

Instrument: FINN52

Analyst: JP

Weight: 0.000

Acct. No.: 68D10008

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

AR307552

000235

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	299	6:22	1	1.000	A BB	24552.	250.000 NG	3.91
2	114	402	8:34	2	1.000	A BB	94180.	250.000 NG	3.91
3	117	664	14:09	3	1.000	A BB	75361.	250.000 NG	3.91
4	50	55	1:10	1	0.184	A BB	18260.	119.781 NG	1.87
5	94	70	1:29	1	0.234	A BB	20863.	107.713 NG	1.68
6	62	58	1:14	1	0.194	A BB	15261.	119.258 NG	1.86
7	64	72	1:32	1	0.241	A BB	13325.	111.256 NG	1.74
8	84	159	3:23	1	0.532	A BB	15571.	115.295 NG	1.80
9	43	126	2:41	1	0.421	A BB	7682.	165.424 NG	2.58
10	76	132	2:49	1	0.441	A BB	43457.	99.508 NG	1.55
11	96	118	2:31	1	0.395	A BB	17467.	113.688 NG	1.78
12	63	221	4:43	1	0.739	A BB	36540.	119.992 NG	1.87
13	96	180	3:50	1	0.602	A BB	15145.	106.134 NG	1.66
14	83	315	6:43	1	1.054	A BB	40660.	117.520 NG	1.84
15	62	361	7:41	1	1.207	A BB	36146.	120.350 NG	1.88
16	43	291	6:12	1	0.973	A BB	11378.	166.565 NG	2.60
17	97	322	6:52	2	0.801	A BB	34268.	110.275 NG	1.72
18	117	337	7:11	2	0.838	A BB	40391.	105.688 NG	1.65
19	43	241	5:08	2	0.600	A BB	55530.	117.415 NG	1.83
20	83	469	10:00	2	1.167	A BB	33537.	110.041 NG	1.72
21	63	436	9:17	2	1.085	A BB	16611.	111.340 NG	1.74
22	75	511	10:53	2	1.271	A BV	35817.	184.547 NG	2.88
23	130	420	8:57	2	1.045	A BB	17315.	112.294 NG	1.75
24	129	612	13:02	2	1.522	A BB	34031.	112.394 NG	1.76
25	97	579	12:20	2	1.440	A BB	14316.	117.963 NG	1.84
26	78	356	7:35	2	0.886	A BB	35244.	109.112 NG	1.70
27	75	566	12:04	2	1.408	A BB	7383.	40.544 NG	0.63
28	173	746	15:54	2	1.856	A BV	34094.	117.430 NG	1.83
29	43	533	11:21	3	0.803	A BB	31208.	142.219 NG	2.22
30	43	612	13:02	3	0.922	A BB	23148.	141.837 NG	2.22
31	164	586	12:29	3	0.883	A BV	17771.	118.661 NG	1.85
32	83	807	17:12	3	1.215	A BV	28447.	120.422 NG	1.88
33	91	537	11:26	3	0.809	A BB	37964.	113.039 NG	1.77
34	112	667	14:13	3	1.005	A BV	31738.	111.874 NG	1.75
35	106	683	14:33	3	1.029	A BB	12487.	114.026 NG	1.78
36	104	735	15:40	3	1.107	A BB	32211.	110.747 NG	1.73
37	106	696	14:50	3	1.048	A VV	36405.	219.807 NG	3.43
38	98	531	11:19	3	0.800	A BB	29519.	89.241 NG	1.39
39	95	783	16:41	3	1.179	A BV	27514.	92.432 NG	1.44
40	65	353	7:31	1	1.181	A BB	28416.	98.601 NG	1.54
41	63	509	10:51	2	1.266	A BB	1074.	61.381 NG	0.96
42	106	732	15:36	3	1.102	A BB	17884.	106.906 NG	1.67
43	146	890	18:58	3	1.340	A BV	39302.	105.731 NG	1.65
44	146	935	19:55	3	1.408	A BV	40461.	112.017 NG	1.75
45	146	900	19:10	3	1.355	A VB	44562.	109.314 NG	1.71
46	56	112	2:23	1	0.375	A BB	2747.	187.218 NG	2.92
47	53	181	3:51	1	0.605	A BV	5175.	232.510 NG	3.63
48	101	90	1:55	1	0.301	A BB	60690.	109.324 NG	1.71
49	85	46	0:59	1	0.154	A BB	16735.	113.057 NG	1.77
50	96	279	5:57	1	0.933	A BV	14301.	109.027 NG	1.70

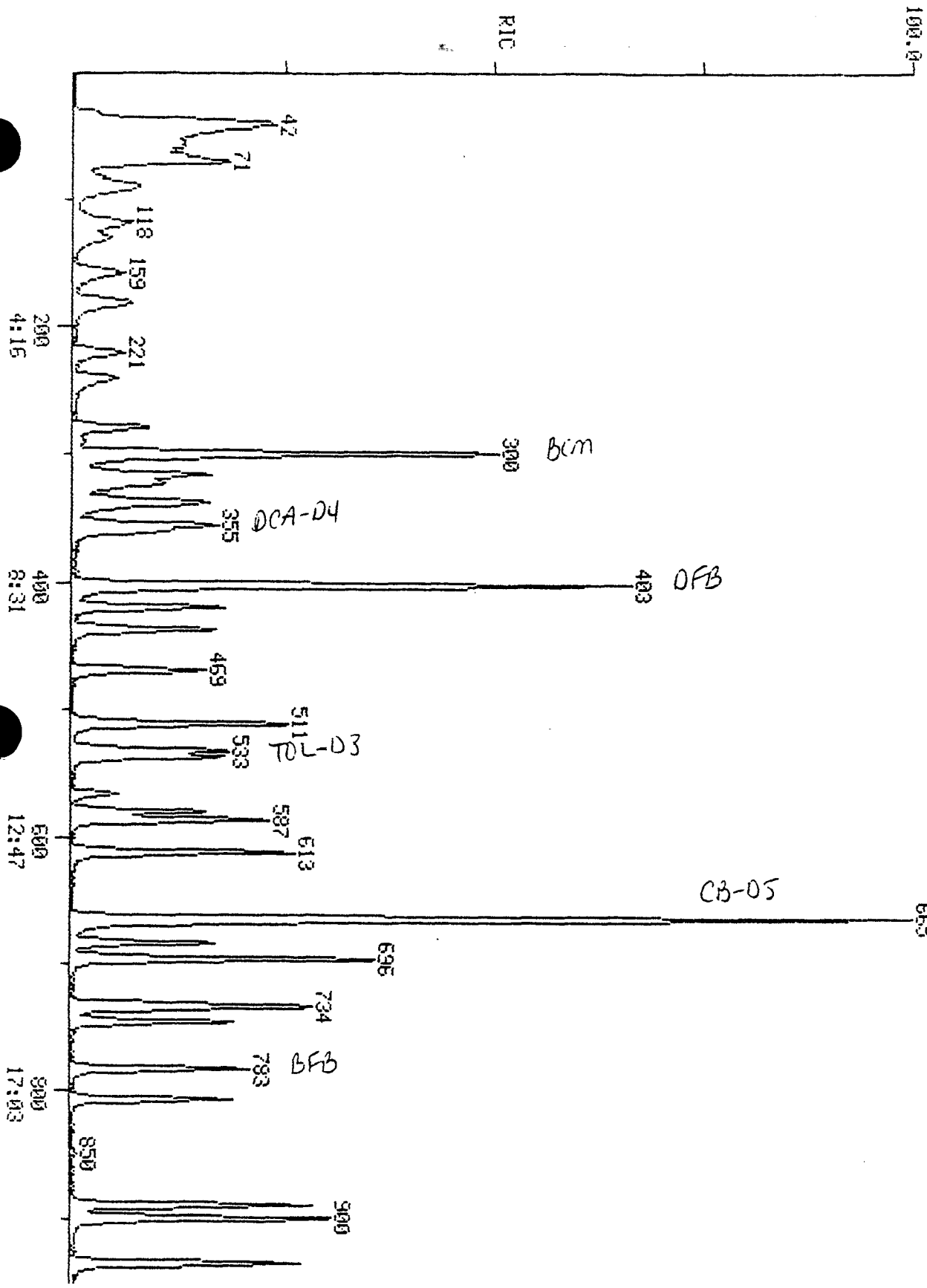
000236

AR307553

MIDRIC
02/06/92 13:28:00
SAMPLE: UST0010, 50MG VOL STD, SML
CONDOS.: FHM52
RANGE: G 1.1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9963 #1
CALL: VOL9963 #3

SCANS 1 TO 350



98175.

AR307554

000237

SCAN
TIME

Date: VOL9963.TI
02/06/92 13:28:00

Sample: VSTD010, SONG VOL STD, 5ML

Conds.: FINN52

Formula: VOC

Submitted by: WADS

Instrument: FINN52

Analyst: JP

Weight: 0.000

Acct. No.: 68D10008

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

- | No | Name |
|----|----------------------------|
| 1 | BROMOCHLOROMETHANE |
| 2 | 1,4-DIFLUOROBENZENE |
| 3 | CHLOROBENZENE-D5 |
| 4 | CHLOROMETHANE |
| 5 | BROMOMETHANE |
| 6 | VINYL CHLORIDE |
| 7 | CHLOROETHANE |
| 8 | METHYLENE CHLORIDE |
| 9 | ACETONE |
| 10 | CARBON DISULFIDE |
| 11 | 1,1-DICHLOROETHENE |
| 12 | 1,1-DICHLOROETHANE |
| 13 | 1,2-DICHLOROETHENE (TOTAL) |
| 14 | CHLOROFORM |
| 15 | 1,2-DICHLOROETHANE |
| 16 | 2-BUTANONE |
| 17 | 1,1,1-TRICHLOROETHANE |
| 18 | CARBON TETRACHLORIDE |
| 19 | VINYL ACETATE |
| 20 | BROMODICHLOROMETHANE |
| 21 | 1,2-DICHLOROPROPANE |
| 22 | CIS-1,3-DICHLOROPROPENE |
| 23 | TRICHLOROETHENE |
| 24 | DIBROMOCHLOROMETHANE |
| 25 | 1,1,2-TRICHLOROETHANE |
| 26 | BENZENE |
| 27 | TRANS-1,3-DICHLOROPROPENE |
| 28 | BROMOFORM |
| 29 | 4-METHYL-2-PENTANONE |
| 30 | 2-HEXANONE |
| 31 | TETRACHLOROETHENE |
| 32 | 1,1,2,2-TETRACHLOROETHANE |
| 33 | TOLUENE |
| 34 | CHLOROBENZENE |
| 35 | ETHYLBENZENE |
| 36 | STYRENE |
| 37 | XYLENES |
| 38 | TOLUENE-D8 |
| 39 | BROMOFLUOROBENZENE |
| 40 | 1,2-DICHLOROETHANE-D4 |
| 41 | 2-CHLOROETHYL VINYL ETHER |
| 42 | XYLENE (TOTAL) |
| 43 | 1,3-DICHLOROBENZENE |
| 44 | 1,2-DICHLOROBENZENE |
| 45 | 1,4-DICHLOROBENZENE |
| 46 | ACROLEIN |
| 47 | ACRYLONITRILE |

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1, 2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	300	6:23	1	1.000	A BB	23011.	250.000 NG	7.21
2	114	403	8:35	2	1.000	A BV	88485.	250.000 NG	7.21
3	117	665	14:10	3	1.000	A BB	75591.	250.000 NG	7.21
4	50	55	1:10	1	0.183	A BB	4689.	32.823 NG	0.95
5	94	71	1:31	1	0.237	A BB	7551.	41.595 NG	1.20
6	62	59	1:15	1	0.197	A BB	4370.	36.437 NG	1.05
7	64	71	1:31	1	0.237	A BB	5210.	46.414 NG	1.34
8	84	159	3:23	1	0.530	A BB	5351.	42.275 NG	1.22
9	43	124	2:39	1	0.413	A BV	3621.	83.206 NG	2.40
10	76	130	2:46	1	0.433	A BB	17267.	42.186 NG	1.22
11	96	118	2:31	1	0.393	A BB	7118.	49.436 NG	1.42
12	63	221	4:43	1	0.737	A BB	15228.	53.357 NG	1.54
13	96	183	3:54	1	0.610	A BB	6426.	48.049 NG	1.38
14	83	316	6:44	1	1.053	A BB	19390.	59.798 NG	1.72
15	62	361	7:41	1	1.203	A BB	16549.	58.793 NG	1.69
16	43	290	6:11	1	0.967	A BB	5453.	85.177 NG	2.46
17	97	322	6:52	2	0.799	A BB	16764.	57.421 NG	1.66
18	117	338	7:12	2	0.839	A BB	20420.	56.871 NG	1.64
19	43	240	5:07	2	0.596	A BB	27087.	60.961 NG	1.76
20	83	469	10:00	2	1.164	A BB	16641.	58.115 NG	1.68
21	63	437	9:19	2	1.084	A BB	8089.	57.711 NG	1.66
22	75	512	10:54	2	1.270	A BB	17694.	97.036 NG	2.80
23	130	420	8:57	2	1.042	A BV	9265.	63.954 NG	1.84
24	129	612	13:02	2	1.519	A BB	17495.	61.499 NG	1.77
25	97	580	12:21	2	1.439	A BB	7250.	63.585 NG	1.83
26	78	356	7:35	2	0.883	A BB	17159.	56.542 NG	1.63
27	75	566	12:04	2	1.404	A BB	3986.	23.298 NG	0.67
28	173	746	15:54	2	1.851	A BB	17297.	63.411 NG	1.83
29	43	533	11:21	3	0.802	A BB	15847.	71.996 NG	2.08
30	43	613	13:04	3	0.922	A BB	11974.	73.148 NG	2.11
31	164	587	12:30	3	0.883	A BB	9024.	60.072 NG	1.73
32	83	807	17:12	3	1.214	A BB	14451.	60.988 NG	1.76
33	91	537	11:26	3	0.808	A BB	18672.	55.428 NG	1.60
34	112	667	14:13	3	1.003	A BB	17067.	59.977 NG	1.73
35	106	684	14:34	3	1.029	A BB	6267.	57.053 NG	1.64
36	104	735	15:40	3	1.105	A BB	15877.	54.422 NG	1.57
37	106	696	14:50	3	1.047	A BB	17915.	107.838 NG	3.11
38	98	532	11:20	3	0.800	A BB	14497.	43.694 NG	1.26
39	95	783	16:41	3	1.177	A BB	12520.	41.934 NG	1.21
40	65	354	7:33	1	1.180	A BB	13472.	49.877 NG	1.44
41	63	506	10:47	2	1.256	A BB	738.	44.893 NG	1.29
42	106	732	15:36	3	1.101	A BB	9580.	57.096 NG	1.65
43	146	890	18:58	3	1.338	A BV	20959.	56.213 NG	1.62
44	146	935	19:55	3	1.406	A BV	18783.	51.842 NG	1.49
45	146	900	19:10	3	1.353	A VV	23337.	57.073 NG	1.65
46	56	110	2:21	1	0.367	A BB	1160.	84.375 NG	2.43
47	53	182	3:53	1	0.607	A BV	1945.	93.242 NG	2.69
48	101	89	1:54	1	0.297	A BB	23828.	45.798 NG	1.32
49	85	46	0:59	1	0.153	A BV	5387.	38.830 NG	1.12
50	96	279	5:57	1	0.930	A BB	6609.	53.762 NG	1.55

AR307556

000239

A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: S7376

SAS No.:

SDG No.: EQB-1

Instrument ID: 510000

Calibration Date: 2/06/92 Time: 0903

Lab File ID: VOE1980

Init. Calib. Date(s): 2/05/92 2/05/92

Heated Purge: (Y/N) N

Init. Calib. Times: ~~1934~~

~~174~~

54
2-9-92

GC Column: DB624

ID: 0.53 (mm)

1747

2009

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	1.848	1.320		28.6	
Bromomethane	1.423	1.252	0.100	12.0	25.0
Vinyl Chloride	1.533	1.214	0.100	20.8	25.0
Chloroethane	0.824	0.738		10.4	
Methylene Chloride	1.473	1.408		4.4	
Acetone	0.535	0.575		7.5	
Carbon Disulfide	3.860	4.071		5.5	
1,1-Dichloroethene	1.304	1.257	0.100	3.6	25.0
1,1-Dichloroethane	2.973	3.023	0.200	1.7	25.0
1,2-Dichloroethene (total)	1.410	1.368		3.0	
Chloroform	2.812	2.774	0.200	1.4	25.0
1,2-Dichloroethane	1.697	1.740	0.100	2.5	25.0
2-Butanone	0.946	0.978		3.4	
1,1,1-Trichloroethane	0.466	0.435	0.100	6.7	25.0
Carbon Tetrachloride	0.456	0.435	0.100	4.6	25.0
Bromodichloromethane	0.643	0.615	0.200	4.4	25.0
1,2-Dichloropropane	0.518	0.496		4.2	
cis-1,3-Dichloropropene	0.894	0.895	0.200	0.1	25.0
Trichloroethene	0.472	0.444	0.300	5.9	25.0
Dibromochloromethane	0.649	0.619	0.100	4.6	25.0
1,1,2-Trichloroethane	0.437	0.408	0.100	6.6	25.0
Benzene	0.974	0.971	0.500	0.3	25.0
trans-1,3-Dichloropropene	0.183	0.173	0.100	5.5	25.0
Bromoform	0.542	0.505	0.100	6.8	25.0
4-Methyl-2-Pentanone	0.651	0.645		0.9	
2-Hexanone	0.467	0.511		9.4	
Tetrachloroethene	0.408	0.395	0.200	3.2	25.0
1,1,2,2-Tetrachloroethane	0.895	0.862	0.500	3.7	25.0
Toluene	0.701	0.691	0.400	1.4	25.0
Chlorobenzene	1.010	1.023	0.500	1.3	25.0
Ethylbenzene	0.433	0.412	0.100	4.8	25.0
Styrene	0.918	0.935	0.300	1.9	25.0
Xylene (total)	0.958	0.590	0.300	38.4	25.0
Toluene-d8	1.055	1.144		8.4	
Bromofluorobenzene	0.910	0.948	0.200	4.2	25.0
1,2-Dichloroethane-d4	1.615	1.770		9.6	

All other compounds must meet a minimum RRF of 0.75

AR307557

000240

-A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Instrument ID: FINN52

Calibration Date: 2/06/92 Time: 2319

Lab File ID: VOL9980

Init. Calib. Date(s): 2/06/92 2/06/92

Heated Purge: (Y/N) N

Init. Calib. Times: ~~1328~~ 1059 ~~1141~~ 1348 574 4-17-92

GC Column: DB624

ID: 0.53 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	1.374	0.930		32.3	
Bromomethane	1.883	1.849	0.100	1.8	25.0
Vinyl Chloride	1.211	1.043	0.100	13.9	25.0
Chloroethane	1.240	1.159		6.5	
Methylene Chloride	1.387	1.202		13.3	
Acetone	0.619	0.496		19.9	
Carbon Disulfide	4.402	3.490		20.7	
1,1-Dichloroethene	1.657	1.316	0.100	20.6	25.0
1,1-Dichloroethane	3.351	2.839	0.200	15.3	25.0
1,2-Dichloroethene (total)	1.488	1.216		18.3	
Chloroform	3.891	3.498	0.200	10.1	25.0
1,2-Dichloroethane	3.403	3.147	0.100	7.5	25.0
2-Butanone	0.917	0.847		7.6	
1,1,1-Trichloroethane	0.914	0.808	0.100	11.6	25.0
Carbon Tetrachloride	1.118	1.032	0.100	7.7	25.0
Bromodichloromethane	0.908	0.834	0.200	8.1	25.0
1,2-Dichloropropane	0.439	0.390		11.2	
cis-1,3-Dichloropropene	0.969	0.879	0.200	9.3	25.0
Trichloroethene	0.471	0.429	0.300	8.9	25.0
Dibromochloromethane	0.957	0.896	0.100	6.4	25.0
1,1,2-Trichloroethane	0.378	0.357	0.100	5.6	25.0
Benzene	0.955	0.838	0.500	12.3	25.0
trans-1,3-Dichloropropene	0.212	0.202	0.100	4.7	25.0
Bromoform	1.005	0.897	0.100	10.7	25.0
4-Methyl-2-Pentanone	0.882	0.864		2.0	
2-Hexanone	0.673	0.597		11.3	
Tetrachloroethene	0.557	0.501	0.200	10.1	25.0
1,1,2,2-Tetrachloroethane	0.934	0.878	0.500	6.0	25.0
Toluene	1.204	1.131	0.400	6.1	25.0
Chlorobenzene	1.034	0.947	0.500	8.4	25.0
Ethylbenzene	0.398	0.367	0.100	7.8	25.0
Styrene	1.110	0.977	0.300	12.0	25.0
Xylene (total)	0.635	0.578	0.300	9.0	25.0
Toluene-d8	0.999	1.062		6.3	
Bromofluorobenzene	1.005	0.982	0.200	2.3	25.0
1,2-Dichloroethane-d4	2.927	2.995		2.3	

All other compounds must meet a minimum RRF of 0.5

000241

-A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Instrument ID: FINN52

Calibration Date: 2/07/92 Time: 1217

Lab File ID: VOL9999

Init. Calib. Date(s): 2/06/92 2/06/92

Heated Purge: (Y/N) N

Init. Calib. Times: ~~1328~~ 1142
1059 1328 21792

GC Column: DB624

ID: 0.53 (mm)

COMPOUND	RRF	RRF50	MIN RRF	%D	MAX %D
Chloromethane	1.374	1.355		1.4	
Bromomethane	1.883	1.775	0.100	5.7	25.0
Vinyl Chloride	1.211	1.245	0.100	2.8	25.0
Chloroethane	1.240	1.177		5.1	
Methylene Chloride	1.387	1.401		1.0	
Acetone	0.619	0.423		31.7	
Carbon Disulfide	4.402	4.178		5.1	
1,1-Dichloroethene	1.657	1.400	0.100	15.5	25.0
1,1-Dichloroethane	3.351	3.257	0.200	2.8	25.0
1,2-Dichloroethene (total)	1.488	1.398		6.0	
Chloroform	3.891	3.633	0.200	6.6	25.0
1,2-Dichloroethane	3.403	3.062	0.100	10.0	25.0
2-Butanone	0.917	0.805		12.2	
1,1,1-Trichloroethane	0.914	0.823	0.100	10.0	25.0
Carbon Tetrachloride	1.118	1.015	0.100	9.2	25.0
Bromodichloromethane	0.908	0.831	0.200	8.5	25.0
1,2-Dichloropropane	0.439	0.391		10.9	
cis-1,3-Dichloropropene	0.969	0.875	0.200	9.7	25.0
Trichloroethene	0.471	0.386	0.300	18.0	25.0
Dibromochloromethane	0.957	0.805	0.100	15.9	25.0
1,1,2-Trichloroethane	0.378	0.338	0.100	10.6	25.0
Benzene	0.955	0.910	0.500	4.7	25.0
trans-1,3-Dichloropropene	0.212	0.195	0.100	8.0	25.0
Bromoform	1.005	0.790	0.100	21.4	25.0
4-Methyl-2-Pentanone	0.882	0.736		16.6	
2-Hexanone	0.673	0.538		20.1	
Tetrachloroethene	0.557	0.449	0.200	19.4	25.0
1,1,2,2-Tetrachloroethane	0.934	0.833	0.500	10.8	25.0
Toluene	1.204	1.091	0.400	9.4	25.0
Chlorobenzene	1.034	0.933	0.500	9.8	25.0
Ethylbenzene	0.398	0.354	0.100	11.1	25.0
Styrene	1.110	0.933	0.300	15.9	25.0
Xylene (total)	0.635	0.554	0.300	12.8	25.0
Toluene-d8	0.999	1.035		3.6	
Bromofluorobenzene	1.005	0.961	0.200	4.4	25.0
1,2-Dichloroethane-d4	2.927	2.978		1.7	

000242

All other compounds must meet a minimum RRF of 0.559

RIC
02/06/92 9:03:00
SAMPLE: UST0050, 250MG UOL STD, 5ML
COND.: 510000
RANGE: 0 1,1100 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

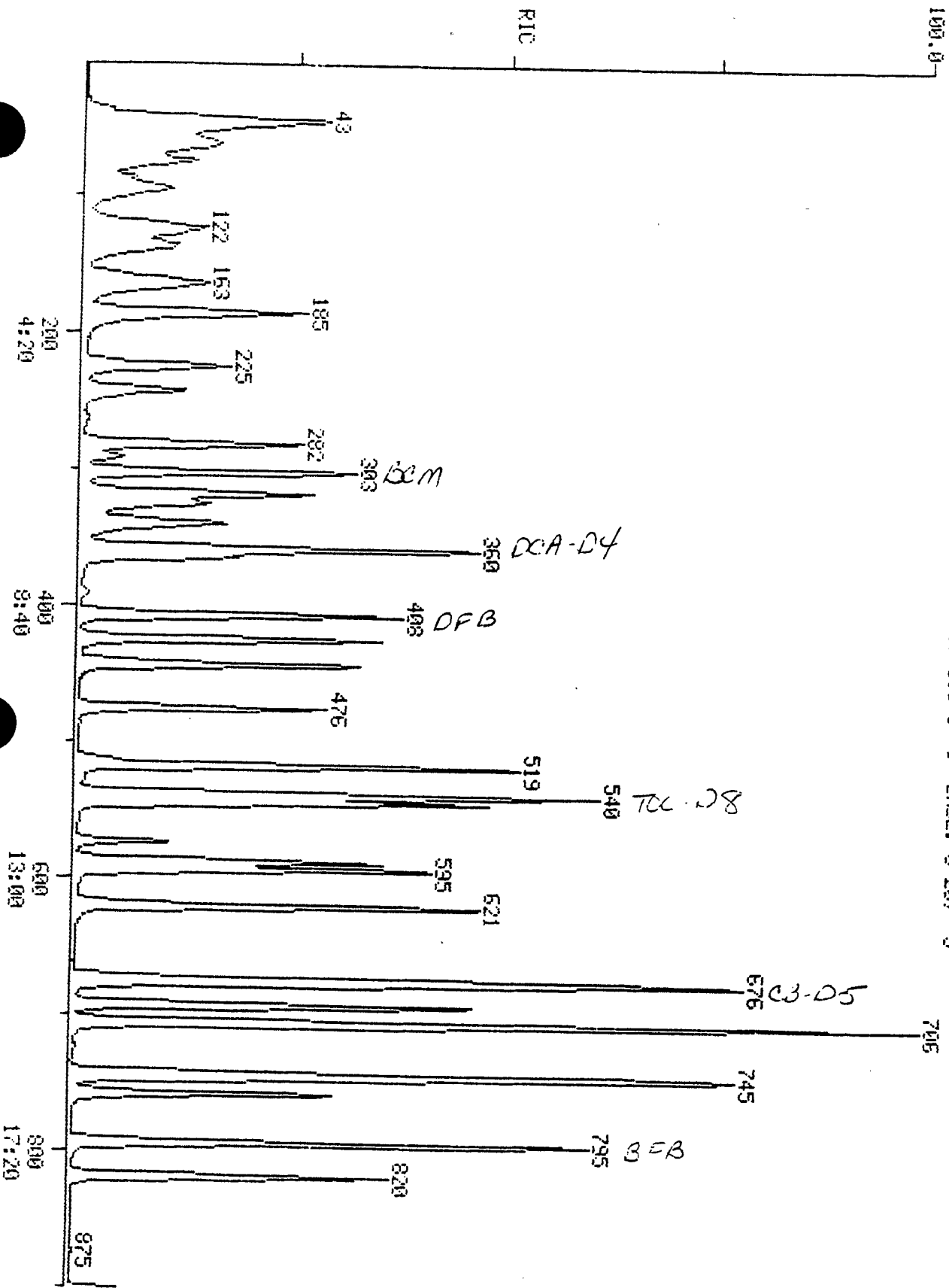
DATA: U0E1990 #1
CALL: U0E1990 #2

SCANS 1 TO 900

1114110.

000243

AR307560



SCAN
TIME

Data: VQE1980.T1

02/06/92 9.03:00

Sample: VSTD050, 250NG VOL STD, SML

Conds.: 510000

Formula:

Instrument: 5100

Weight: 0.004

Submitted by:

Analyst: RQ

Acct. No.:

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

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D3
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

AR307561

000244

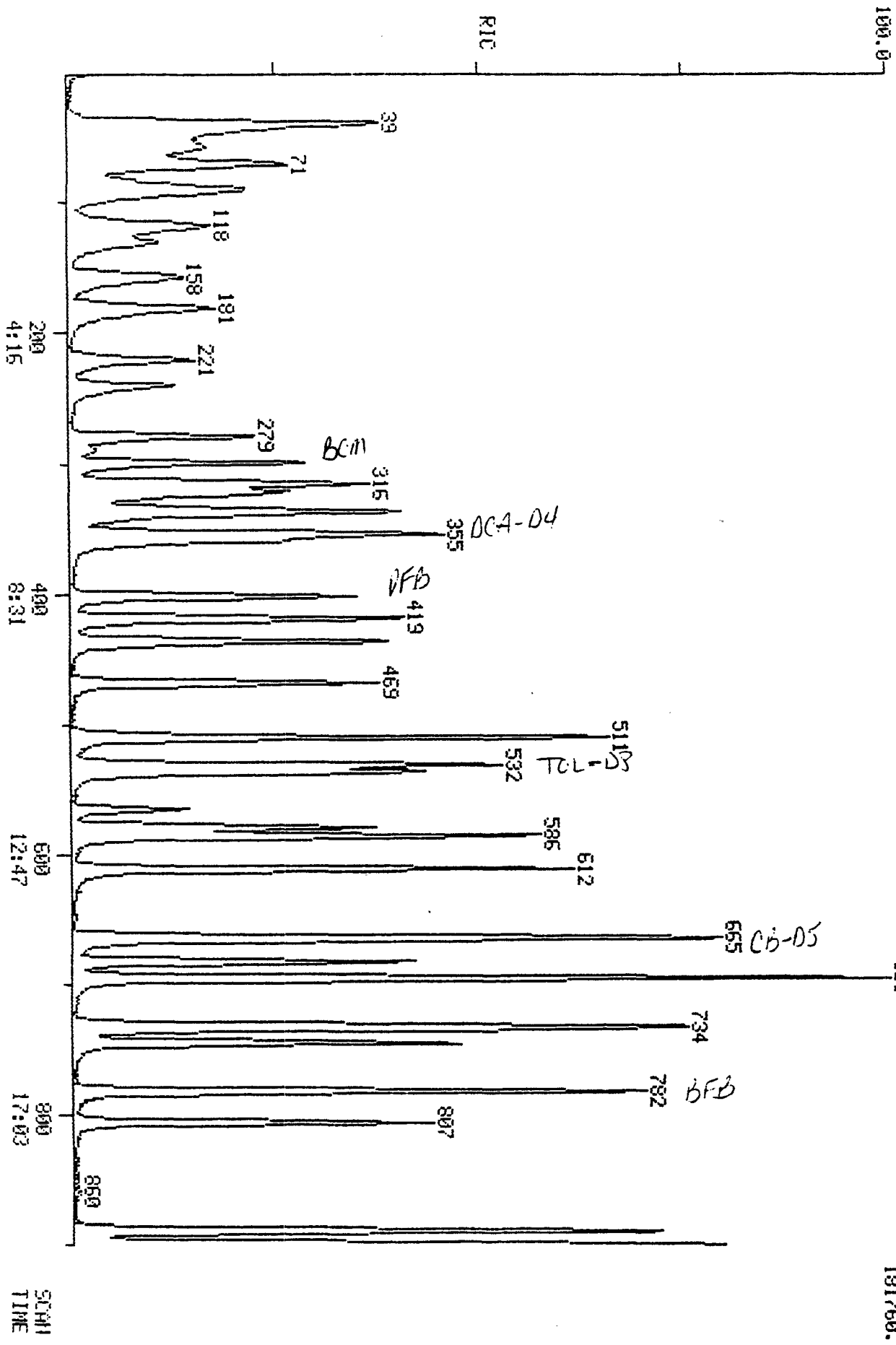
No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1, 2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	303	6:34	1	1.000	A BB	190495.	250.000 NG	1.89
2	114	408	8:50	2	1.000	A BB	713460.	250.000 NG	1.89
3	117	674	14:36	3	1.000	A BB	646482.	250.000 NG	1.89
4	50	59	1:17	1	0.195	A BB	251456.	250.000 NG	1.89
5	94	75	1:37	1	0.248	A BB	238485.	250.000 NG	1.89
6	62	63	1:22	1	0.208	A BB	231321.	250.000 NG	1.89
7	64	75	1:37	1	0.248	A VB	140569.	250.000 NG	1.89
8	84	163	3:32	1	0.538	A BB	268129.	250.000 NG	1.89
9	43	128	2:46	1	0.422	A BB	109463.	250.000 NG	1.89
10	76	135	2:55	1	0.446	A BB	775582.	250.000 NG	1.89
11	96	122	2:39	1	0.403	A BB	2359513.	250.000 NG	1.89
12	63	225	4:52	1	0.743	A BB	575937.	250.000 NG	1.89
13	96	185	4:00	1	0.611	A BB	260688.	250.000 NG	1.89
14	83	319	6:55	1	1.053	A BB	528480.	250.000 NG	1.89
15	62	366	7:56	1	1.208	A BB	331413.	250.000 NG	1.89
16	43	292	6:20	1	0.964	A VB	186317.	250.000 NG	1.89
17	97	326	7:04	2	0.799	A BB	310540.	250.000 NG	1.89
18	117	341	7:23	2	0.836	A BB	310585.	250.000 NG	1.89
19	43	242	5:15	2	0.593	A BB	592278.	250.000 NG	1.89
20	83	476	10:19	2	1.167	A BB	438580.	250.000 NG	1.89
21	63	444	9:37	2	1.088	A BB	353793.	250.000 NG	1.89
22	75	519	11:15	2	1.272	A BB	638585.	405.000 NG	3.06
23	130	425	9:12	2	1.042	A BB	316697.	250.000 NG	1.89
24	129	622	13:29	2	1.525	A BB	441484.	250.000 NG	1.89
25	97	589	12:46	2	1.444	A BB	291417.	250.000 NG	1.89
26	78	360	7:48	2	0.882	A BB	692910.	250.000 NG	1.89
27	75	574	12:26	2	1.407	A BV	123617.	95.000 NG	0.72
28	173	758	16:25	2	1.858	A BB	360622.	250.000 NG	1.89
29	43	540	11:42	3	0.801	A VB	417035.	250.000 NG	1.89
30	43	621	13:27	3	0.921	A BB	330170.	250.000 NG	1.89
31	164	594	12:52	3	0.881	A BB	255472.	250.000 NG	1.89
32	83	820	17:46	3	1.217	A BB	557214.	250.000 NG	1.89
33	92	545	11:48	3	0.809	A BB	446478.	250.000 NG	1.89
34	112	677	14:40	3	1.004	A BB	661216.	250.000 NG	1.89
35	106	693	15:01	3	1.028	A BB	266396.	250.000 NG	1.89
36	104	746	16:10	3	1.107	A BB	604279.	250.000 NG	1.89
37	106	706	15:18	3	1.047	A VB	725527.	500.000 NG	3.77
38	98	539	11:41	3	0.800	A BB	739816.	250.000 NG	1.89
39	95	795	17:13	3	1.180	A BB	613069.	250.000 NG	1.89
40	65	359	7:47	1	1.185	A BB	337260.	250.000 NG	1.89
41	63	513	11:07	2	1.257	A BB	43548.	250.000 NG	1.89
42	106	743	16:06	3	1.102	A BB	381558.	250.000 NG	1.89
43	146	903	19:34	3	1.340	A BV	646512.	250.000 NG	1.89
44	146	949	20:34	3	1.408	A BB	607490.	250.000 NG	1.89
45	146	914	19:48	3	1.356	A VB	668268.	250.000 NG	1.89
46	56	115	2:29	1	0.380	A BB	28597.	500.000 NG	3.77
47	53	186	4:02	1	0.614	A BB	144006.	500.000 NG	3.77
48	101	94	2:02	1	0.310	A BB	487192.	250.000 NG	1.89
49	85	50	1:05	1	0.165	A BB	124133.	250.000 NG	1.89
50	96	282	6:07	1	0.931	A BB	270110.	250.000 NG	1.89

MIDRIC
 02/06/92 23:19:00
 SAMPLE: VSTD050, 250MG VOL STD, SML
 COND5.: FINN52
 RANGE: G 1.1162 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BRSE: U 20, 3

DATA: VOL9980 #1
 CALL: VOL9980 #3
 SCANS 1 TO 900

181760.



AR307563

000246

Data: VOL9980.TI

02/06/92 23:19:00

Sample: VSTD050, 250NG VOL STD, 5ML

Conds.: FINN52

Formula: VOC

Submitted by: WADS

Instrument: FINN52

Analyst: JP

Weight: 0.000

Acct. No.: 68D10008

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

- | No | Name |
|----|----------------------------|
| 1 | BROMOCHLOROMETHANE |
| 2 | 1,4-DIFLUOROBENZENE |
| 3 | CHLOROBENZENE-D5 |
| 4 | CHLOROMETHANE |
| 5 | BROMOMETHANE |
| 6 | VINYL CHLORIDE |
| 7 | CHLOROETHANE |
| 8 | METHYLENE CHLORIDE |
| 9 | ACETONE |
| 10 | CARBON DISULFIDE |
| 11 | 1,1-DICHLOROETHENE |
| 12 | 1,1-DICHLOROETHANE |
| 13 | 1,2-DICHLOROETHENE (TOTAL) |
| 14 | CHLOROFORM |
| 15 | 1,2-DICHLOROETHANE |
| 16 | 2-BUTANONE |
| 17 | 1,1,1-TRICHLOROETHANE |
| 18 | CARBON TETRACHLORIDE |
| 19 | VINYL ACETATE |
| 20 | BROMODICHLOROMETHANE |
| 21 | 1,2-DICHLOROPROPANE |
| 22 | CIS-1,3-DICHLOROPROPENE |
| 23 | TRICHLOROETHENE |
| 24 | DIBROMOCHLOROMETHANE |
| 25 | 1,1,2-TRICHLOROETHANE |
| 26 | BENZENE |
| 27 | TRANS-1,3-DICHLOROPROPENE |
| 28 | BROMOFORM |
| 29 | 4-METHYL-2-PENTANONE |
| 30 | 2-HEXANONE |
| 31 | TETRACHLOROETHENE |
| 32 | 1,1,2,2-TETRACHLOROETHANE |
| 33 | TOLUENE |
| 34 | CHLOROBENZENE |
| 35 | ETHYLBENZENE |
| 36 | STYRENE |
| 37 | XYLENES |
| 38 | TOLUENE-D8 |
| 39 | BROMOFLUOROBENZENE |
| 40 | 1,2-DICHLOROETHANE-D4 |
| 41 | 2-CHLOROETHYL VINYL ETHER |
| 42 | XYLENE (TOTAL) |
| 43 | 1,3-DICHLOROBENZENE |
| 44 | 1,2-DICHLOROBENZENE |
| 45 | 1,4-DICHLOROBENZENE |
| 46 | ACROLEIN |
| 47 | ACRYLONITRILE |

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

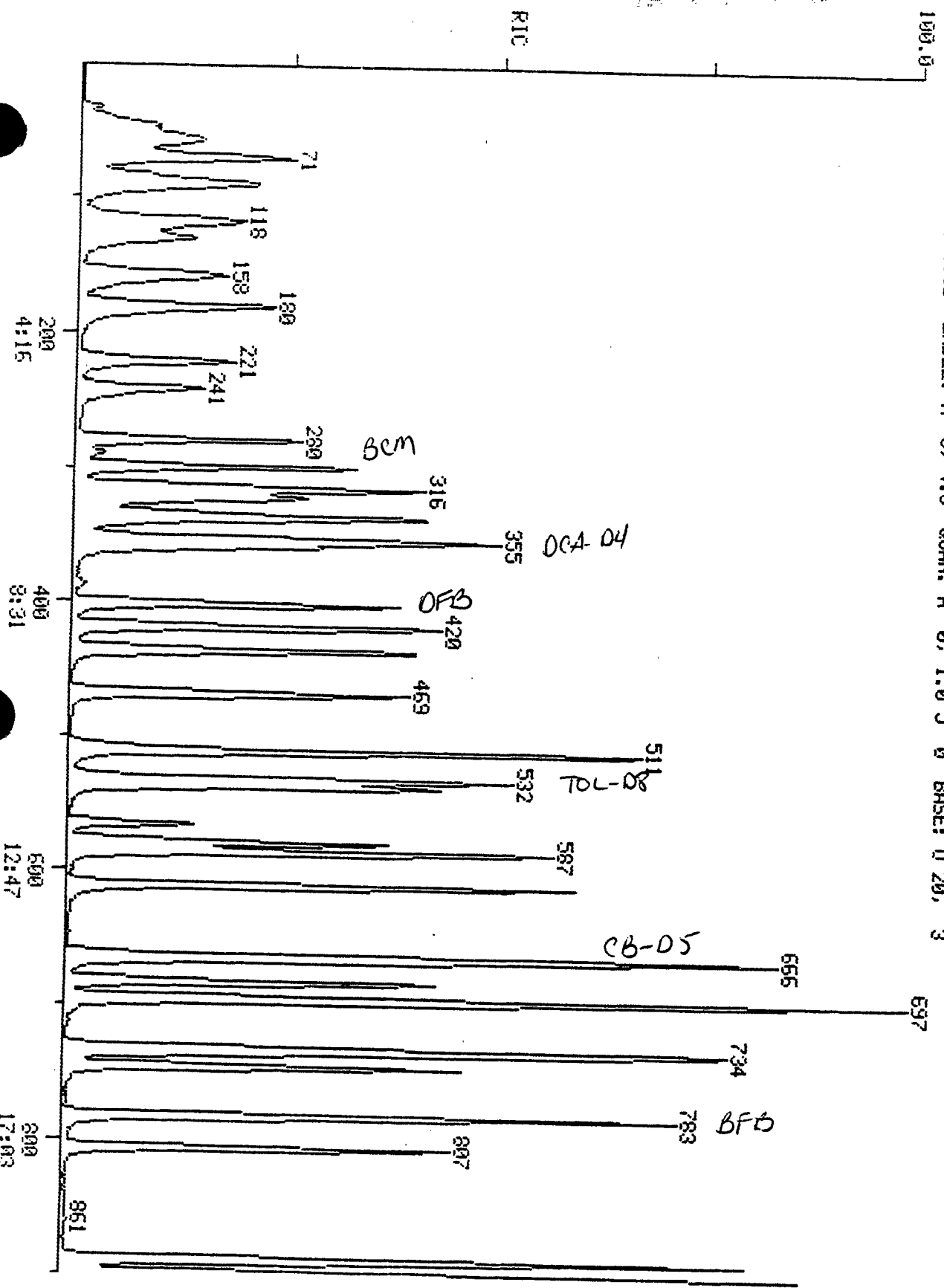
No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
1	128	300	6:23	1	1.000	A BV	23259.	250.000 NG	1.89
2	114	402	8:34	2	1.000	A BB	86725.	250.000 NG	1.89
3	117	664	14:09	3	1.000	A BB	74735.	250.000 NG	1.89
4	50	55	1:10	1	0.183	A VB	21631.	250.000 NG	1.89
5	94	70	1:29	1	0.233	A BB	43003.	250.000 NG	1.89
6	62	58	1:14	1	0.193	A BB	24265.	250.000 NG	1.89
7	64	71	1:31	1	0.237	A VB	26947.	250.000 NG	1.89
8	84	157	3:21	1	0.523	A BB	27946.	250.000 NG	1.89
9	43	125	2:40	1	0.417	A BB	11528.	250.000 NG	1.89
10	76	131	2:47	1	0.437	A BB	81185.	250.000 NG	1.89
11	96	118	2:31	1	0.393	A BB	30616.	250.000 NG	1.89
12	63	221	4:43	1	0.737	A BB	66026.	250.000 NG	1.89
13	96	181	3:51	1	0.603	A BB	28293.	250.000 NG	1.89
14	83	316	6:44	1	1.053	A BB	81369.	250.000 NG	1.89
15	62	360	7:40	1	1.200	A BB	73197.	250.000 NG	1.89
16	43	290	6:11	1	0.967	A BB	19700.	250.000 NG	1.89
17	97	322	6:52	2	0.801	A BB	70104.	250.000 NG	1.89
18	117	337	7:11	2	0.838	A BB	89514.	250.000 NG	1.89
19	43	240	5:07	2	0.597	A BB	102083.	250.000 NG	1.89
20	83	468	9:58	2	1.164	A BB	72325.	250.000 NG	1.89
21	63	437	9:19	2	1.087	A BB	33848.	250.000 NG	1.89
22	75	511	10:53	2	1.271	A BB	76273.	405.000 NG	3.06
23	130	419	8:56	2	1.042	A BV	37219.	250.000 NG	1.89
24	129	612	13:02	2	1.522	A BB	77692.	250.000 NG	1.89
25	97	579	12:20	2	1.440	A BB	30986.	250.000 NG	1.89
26	78	355	7:34	2	0.883	A BB	72652.	250.000 NG	1.89
27	75	566	12:04	2	1.408	A BV	17478.	95.000 NG	0.72
28	173	746	15:54	2	1.856	A BB	77817.	250.000 NG	1.89
29	43	533	11:21	3	0.803	A BB	64564.	250.000 NG	1.89
30	43	612	13:02	3	0.922	A BB	44639.	250.000 NG	1.89
31	164	586	12:29	3	0.883	A BB	37441.	250.000 NG	1.89
32	83	807	17:12	3	1.215	A BV	65612.	250.000 NG	1.89
33	91	537	11:26	3	0.809	A BB	84505.	250.000 NG	1.89
34	112	666	14:11	3	1.003	A BV	70743.	250.000 NG	1.89
35	106	683	14:33	3	1.029	A BB	27456.	250.000 NG	1.89
36	104	734	15:38	3	1.105	A BV	72984.	250.000 NG	1.89
37	106	696	14:50	3	1.048	A BB	82068.	500.000 NG	3.77
38	98	532	11:20	3	0.801	A BB	79344.	250.000 NG	1.89
39	95	782	16:40	3	1.178	A BB	73423.	250.000 NG	1.89
40	65	354	7:33	1	1.180	A BB	69658.	250.000 NG	1.89
41	63	506	10:47	2	1.259	A BB	4514.	250.000 NG	1.89
42	106	732	15:36	3	1.102	A BV	43227.	250.000 NG	1.89
43	146	889	18:56	3	1.339	A BV	93998.	250.000 NG	1.89
44	146	934	19:54	3	1.407	A BB	89706.	250.000 NG	1.89
45	146	900	19:10	3	1.355	A VB	100752.	250.000 NG	1.89
46	56	111	2:22	1	0.370	A BB	6323.	500.000 NG	3.77
47	53	181	3:51	1	0.603	A BB	10552.	500.000 NG	3.77
48	101	89	1:54	1	0.297	A BB	132689.	250.000 NG	1.89
49	85	46	0:59	1	0.153	A BB	27107.	250.000 NG	1.89
50	96	280	5:58	1	0.933	A BB	27705.	250.000 NG	1.89

MIDRIC
02/07/92 12:17:00
SAMPLE: USTD050, 250NG VOL STD, 5ML
CONDS.: FINMS2
RANGE: G 1,1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9999 #1
CALL: VOL9999 #3

SCANS 1 TO 900

215040.



AR307566

C09249

SCAN
TIME

Data: VOL9999.TI
02/07/92 12:17:00
Sample: VSTD050, 250NG VOL STD, 5ML
Conds.: FINN52
Formula: VOC
Submitted by: WADS

Instrument: FINN52
Analyst: JP

Weight: 0.000
Acct. No.: 68D10008

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

- | No | Name |
|----|----------------------------|
| 1 | BROMOCHLOROMETHANE |
| 2 | 1,4-DIFLUOROBENZENE |
| 3 | CHLOROBENZENE-D5 |
| 4 | CHLOROMETHANE |
| 5 | BROMOMETHANE |
| 6 | VINYL CHLORIDE |
| 7 | CHLOROETHANE |
| 8 | METHYLENE CHLORIDE |
| 9 | ACETONE |
| 10 | CARBON DISULFIDE |
| 11 | 1,1-DICHLOROETHENE |
| 12 | 1,1-DICHLOROETHANE |
| 13 | 1,2-DICHLOROETHENE (TOTAL) |
| 14 | CHLOROFORM |
| 15 | 1,2-DICHLOROETHANE |
| 16 | 2-BUTANONE |
| 17 | 1,1,1-TRICHLOROETHANE |
| 18 | CARBON TETRACHLORIDE |
| 19 | VINYL ACETATE |
| 20 | BROMODICHLOROMETHANE |
| 21 | 1,2-DICHLOROPROPANE |
| 22 | CIS-1,3-DICHLOROPROPENE |
| 23 | TRICHLOROETHENE |
| 24 | DIBROMOCHLOROMETHANE |
| 25 | 1,1,2-TRICHLOROETHANE |
| 26 | BENZENE |
| 27 | TRANS-1,3-DICHLOROPROPENE |
| 28 | BROMOFORM |
| 29 | 4-METHYL-2-PENTANONE |
| 30 | 2-HEXANONE |
| 31 | TETRACHLOROETHENE |
| 32 | 1,1,2,2-TETRACHLOROETHANE |
| 33 | TOLUENE |
| 34 | CHLOROBENZENE |
| 35 | ETHYLBENZENE |
| 36 | STYRENE |
| 37 | XYLENES |
| 38 | TOLUENE-D8 |
| 39 | BROMOFLUOROBENZENE |
| 40 | 1,2-DICHLOROETHANE-D4 |
| 41 | 2-CHLOROETHYL VINYL ETHER |
| 42 | XYLENE (TOTAL) |
| 43 | 1,3-DICHLOROBENZENE |
| 44 | 1,2-DICHLOROBENZENE |
| 45 | 1,4-DICHLOROBENZENE |
| 46 | ACROLEIN |
| 47 | ACRYLONITRILE |

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Math	Area(Hght)	Amount	%Tot
1	128	300	6:23	1	1.000	A BB	30571.	250.000 NG	1.89
2	114	403	8:35	2	1.000	A BB	114178.	250.000 NG	1.89
3	117	665	14:10	3	1.000	A BB	96397.	250.000 NG	1.89
4	50	54	1:09	1	0.180	A BB	41412.	250.000 NG	1.89
5	94	70	1:29	1	0.233	A BB	54274.	250.000 NG	1.89
6	62	59	1:15	1	0.197	A BB	38076.	250.000 NG	1.89
7	64	72	1:32	1	0.240	A VB	35982.	250.000 NG	1.89
8	84	158	3:22	1	0.527	A BB	42839.	250.000 NG	1.89
9	43	124	2:39	1	0.413	A BB	12924.	250.000 NG	1.89
10	76	131	2:47	1	0.437	A BB	127728.	250.000 NG	1.89
11	96	119	2:32	1	0.397	A BB	42801.	250.000 NG	1.89
12	63	221	4:43	1	0.737	A BB	99572.	250.000 NG	1.89
13	96	180	3:50	1	0.600	A BB	42730.	250.000 NG	1.89
14	83	316	6:44	1	1.053	A BB	111068.	250.000 NG	1.89
15	62	361	7:41	1	1.203	A BB	93600.	250.000 NG	1.89
16	43	290	6:11	1	0.967	A BB	24624.	250.000 NG	1.89
17	97	323	6:53	2	0.801	A BB	93984.	250.000 NG	1.89
18	117	337	7:11	2	0.836	A BB	115914.	250.000 NG	1.89
19	43	241	5:08	2	0.598	A BB	160264.	250.000 NG	1.89
20	83	469	10:00	2	1.164	A BV	94918.	250.000 NG	1.89
21	63	437	9:19	2	1.084	A BB	44599.	250.000 NG	1.89
22	75	511	10:53	2	1.268	A BB	99897.	405.000 NG	3.06
23	130	420	8:57	2	1.042	A BB	44057.	250.000 NG	1.89
24	129	612	13:02	2	1.519	A BB	91922.	250.000 NG	1.89
25	97	580	12:21	2	1.439	A BB	38574.	250.000 NG	1.89
26	78	356	7:35	2	0.883	A BB	103860.	250.000 NG	1.89
27	75	567	12:05	2	1.407	A BB	22212.	95.000 NG	0.72
28	173	746	15:54	2	1.851	A BB	90202.	250.000 NG	1.89
29	43	533	11:21	3	0.802	A BB	70914.	250.000 NG	1.89
30	43	613	13:04	3	0.922	A BB	51892.	250.000 NG	1.89
31	164	587	12:30	3	0.883	A BV	43316.	250.000 NG	1.89
32	83	807	17:12	3	1.214	A BV	80272.	250.000 NG	1.89
33	91	538	11:28	3	0.809	A BB	105147.	250.000 NG	1.89
34	112	667	14:13	3	1.003	A BB	89903.	250.000 NG	1.89
35	106	684	14:34	3	1.029	A BV	34129.	250.000 NG	1.89
36	104	735	15:40	3	1.105	A BB	89912.	250.000 NG	1.89
37	106	696	14:50	3	1.047	A VB	103081.	500.000 NG	3.77
38	98	532	11:20	3	0.800	A BB	99758.	250.000 NG	1.89
39	95	783	16:41	3	1.177	A BB	92672.	250.000 NG	1.89
40	65	354	7:33	1	1.180	A BB	91026.	250.000 NG	1.89
41	63	507	10:48	2	1.258	A BB	6120.	250.000 NG	1.89
42	106	733	15:37	3	1.102	A BV	53369.	250.000 NG	1.89
43	146	890	18:58	3	1.338	A BV	123833.	250.000 NG	1.89
44	146	935	19:55	3	1.406	A BB	118160.	250.000 NG	1.89
45	146	900	19:10	3	1.353	A VB	133623.	250.000 NG	1.89
46	56	111	2:22	1	0.370	A BB	8324.	500.000 NG	3.77
47	53	181	3:51	1	0.603	A BB	16967.	500.000 NG	3.77
48	101	89	1:54	1	0.297	A BB	153142.	250.000 NG	1.89
49	85	47	1:00	1	0.157	A BB	39474.	250.000 NG	1.89
50	96	280	5:58	1	0.933	A BB	41166.	250.000 NG	1.89

AR307568

000251

Mass List

Data: BF8851E # 177

Base m/z: 95

02/05/92 16:50:00 + 3:50

Cal: BF8851E # 2

RIC: 125184

Sample: SONG INJECTION OF BFB

Conds.: 510000

#176 to #178 Averaged - #120 X1.00

36	0.00	0.00	0	Minima	Min inten:	0			
221			#	0	Maxima				
Mass	% RA	% RIC	Inten.	Mass	% RA	% RIC	Inten.		
36.00?	S	1.01	0.23	290.	175.00	S	5.38	1.23	1542.
37.00?	S	5.64	1.29	1616.	176.00	S	71.21	16.31	20416.
38.00?	S	5.27	1.21	1512.	177.00	S	4.94	1.13	1416.
39.00?	S	2.01	0.46	577.	207.00	S	0.21	0.05	60.
40.00?	S	0.05	0.01	14.	221.00	S	0.35	0.08	101.
41.00?	S	0.36	0.08	104.					
43.00?	S	0.25	0.06	73.					
45.00?	S	1.04	0.24	297.					
47.00?	S	2.75	0.63	788.					
48.00?	S	0.27	0.06	78.					
49.00?	S	3.65	0.84	1046.					
50.00?	S	18.42	4.22	5280.					
51.00?	S	5.50	1.26	1578.					
55.00?	S	0.48	0.11	139.					
56.00?	S	1.75	0.40	502.					
57.00?	S	2.86	0.66	821.					
60.00?	S	1.10	0.25	314.					
61.00?	S	2.69	0.62	771.					
62.00?	S	3.33	0.76	956.					
63.00?	S	2.51	0.57	719.					
67.00?	S	0.52	0.12	148.					
68.00?	S	8.47	1.94	2428.					
69.00	S	7.66	1.75	2196.					
70.00	S	1.06	0.24	305.					
71.00	S	0.15	0.03	43.					
72.00	S	0.27	0.06	76.					
73.00	S	5.56	1.27	1594.					
74.00	S	11.29	2.58	3236.					
75.00	S	38.56	8.83	11056.					
76.00	S	3.40	0.78	975.					
77.00	S	1.31	0.30	377.					
78.00	S	0.55	0.13	157.					
79.00	S	1.76	0.40	505.					
80.00	S	0.64	0.15	184.					
81.00	S	2.03	0.47	583.					
82.00	S	0.64	0.15	184.					
87.00	S	5.11	1.17	1466.					
88.00	S	5.62	1.29	1610.					
92.00	S	2.17	0.50	623.					
93.00	S	3.25	0.74	932.					
94.00	S	8.52	1.95	2444.					
95.00	S	100.00	22.90	28672.					
96.00	S	7.45	1.71	2136.					
97.00	S	0.52	0.12	148.					
105.00	S	0.23	0.05	67.					
119.00	S	0.27	0.06	77.					
131.00	S	0.78	0.18	225.					
135.00	S	0.51	0.12	145.					
147.00	S	0.55	0.13	157.					
174.00	S	74.00	16.95	21216.					

AR307569 00052

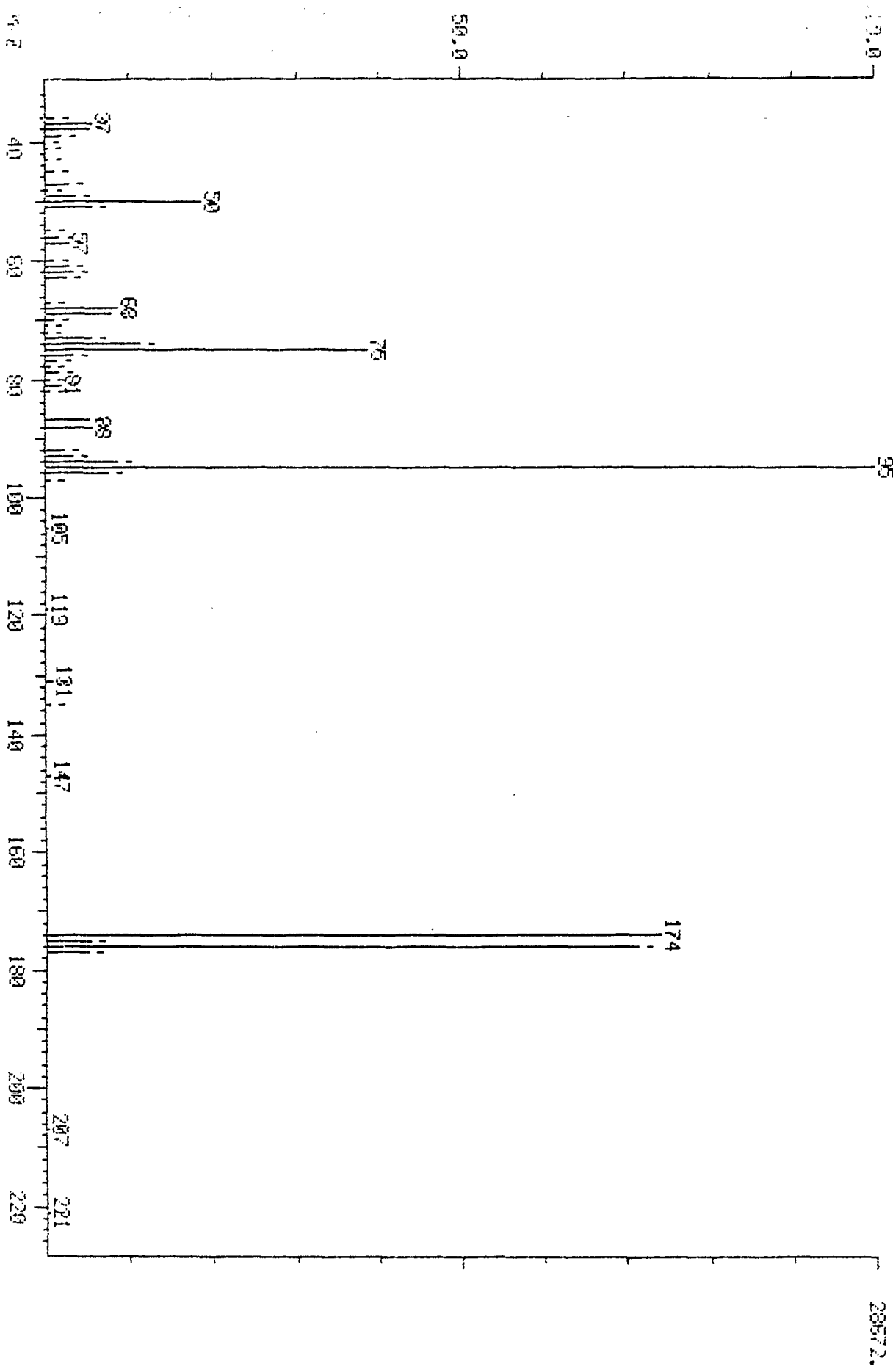
VOLATILE RAW QC DATA

AR307570

MASS SPECTRUM
02:05/92 16:58:00 + 3:50
SAMPLE: 50MG INJECTION OF BFB
CONDOS.: 510000
GC TEMP: 188 DEG. C
#176 TO #178 AVERAGED - #160 X1.00

DATA: BFB951E #177
CALL: BFB951E #2

BASE M/2: 95
R/C: 125184.



000253

AR307571

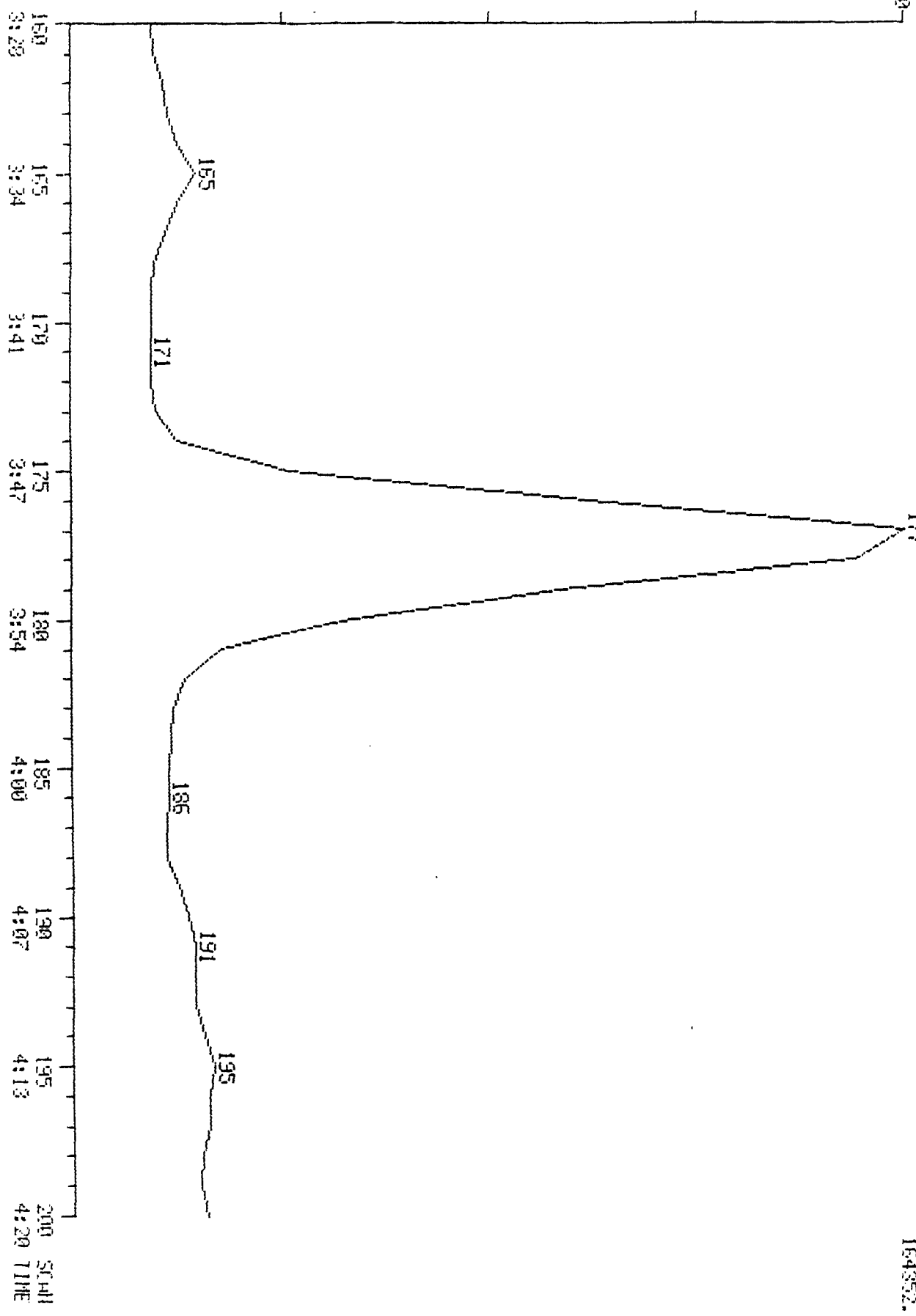
PIC 02/05/92 16:50:00
 SAMPLE: SING INJECTION OF BFB
 COND.: S10000
 RANGE: 0 1.300 LABEL: H 0. 4.0 QUAN: A 0. 1.0 J 0 BASE: U 20, 3

DATA: BFB851E #1
 CALL: BFB851E #2
 SCANS 160 TO 200

164352.

5252000

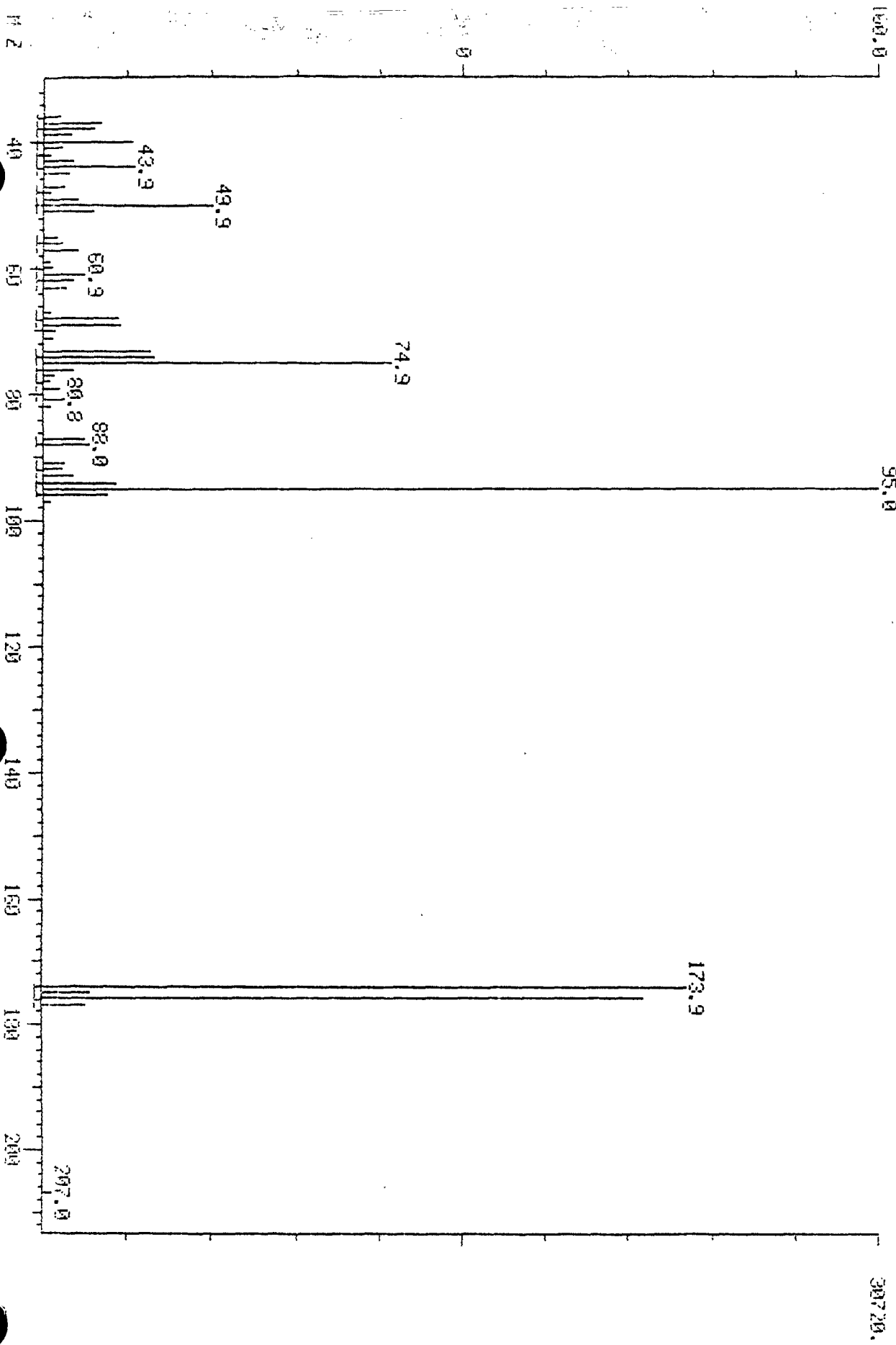
AR307573



MASS SPECTRUM
02/06/92 8:41:00 + 3:51
SAMPLE: SONG INJECTION OF BFB
CONDOS.: 510000
GC TEMP: 100 DEG. C

DATA: BFB852E #178
CALL: BFB852E #2

BASE M/Z: 95
RIC: 152576.



000056

AR307574

02/06/92 8:41:00 + 3.53 Call BFB852E # 179 Base m.: 75
 Sample: 50NG INJECTION OF BFB RIC: 122112.
 Conds.: 510000

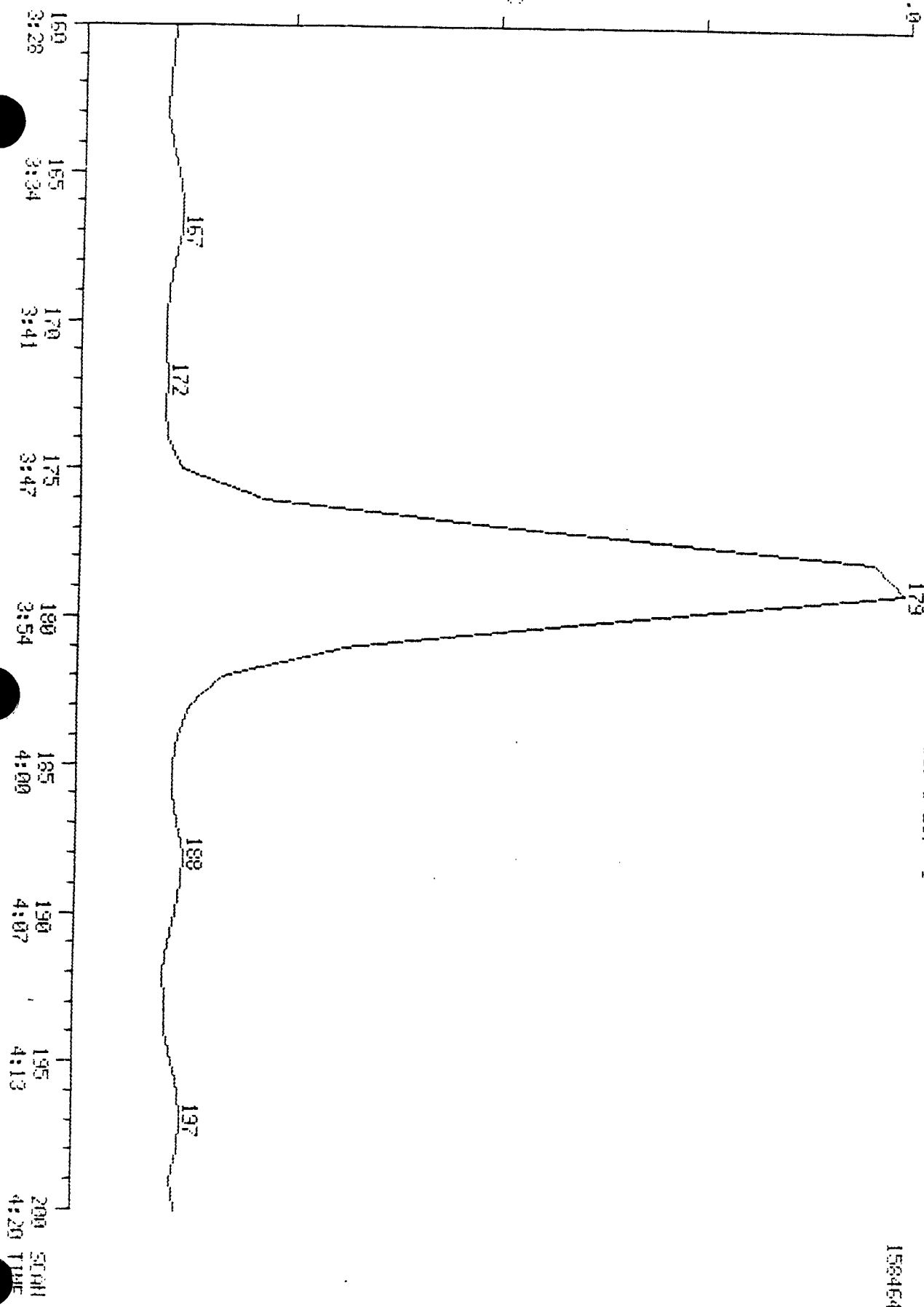
#178 to #180 Averaged - #150 X1.00

36 177 Mass	0.00 % RA	0.00 % RIC	0 # Inten.	Minima Maxima	Min inten:	0.
36.007	S	1.95	0.45	549.		
37.007	S	7.71	1.78	2168.		
38.007	S	6.75	1.55	1898.		
39.007	S	3.46	0.80	973.		
41.007	S	0.32	0.07	89.		
43.007	S	0.43	0.10	120.		
45.007	S	0.76	0.18	215.		
47.007	S	2.83	0.65	797.		
48.007	S	0.68	0.16	190.		
49.007	S	4.54	1.05	1278.		
50.007	S	22.38	5.16	6296.		
51.007	S	6.46	1.49	1818.		
55.007	S	0.37	0.09	105.		
56.007	S	1.34	0.31	376.		
57.007	S	3.04	0.70	855.		
60.007	S	1.09	0.25	306.		
61.007	S	3.15	0.73	886.		
62.007	S	3.96	0.91	1114.		
63.007	S	2.97	0.68	835.		
67.007	S	0.82	0.19	231.		
68.007	S	9.27	2.14	2608.		
69.00	S	9.51	2.19	2676.		
70.00	S	1.31	0.30	368.		
71.00	S	0.24	0.06	68.		
72.00	S	0.28	0.06	78.		
73.00	S	5.65	1.30	1588.		
74.00	S	12.86	2.96	3616.		
75.00	S	42.04	9.68	11824.		
76.00	S	3.74	0.86	1052.		
77.00	S	1.50	0.35	423.		
78.00	S	0.25	0.06	70.		
79.00	S	2.22	0.51	625.		
80.00	S	0.37	0.09	104.		
81.00	S	2.37	0.55	668.		
82.00	S	0.91	0.21	256.		
87.00	S	4.86	1.12	1368.		
88.00	S	5.46	1.26	1536.		
92.00	S	2.14	0.49	603.		
93.00	S	3.51	0.81	987.		
94.00	S	8.86	2.04	2492.		
95.00	S	100.00	23.03	28128.		
96.00	S	7.44	1.71	2092.		
97.00	S	0.25	0.06	71.		
174.00	S	64.62	14.86	18176.		
175.00	S	4.72	1.09	1328.		
176.00	S	60.30	13.89	16960.		
177.00	S	4.24	0.98	1194.		

000257

AR307575

RLC
 02/06/92 8:41:00
 SAMPLE: 50MG INJECTION OF BFB
 COND.: 510000
 RANGE: 5 1. 261 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
 DATA: BFB852E #1
 CALL: BFB852E #2
 SCANS 160 TO 200



8523000

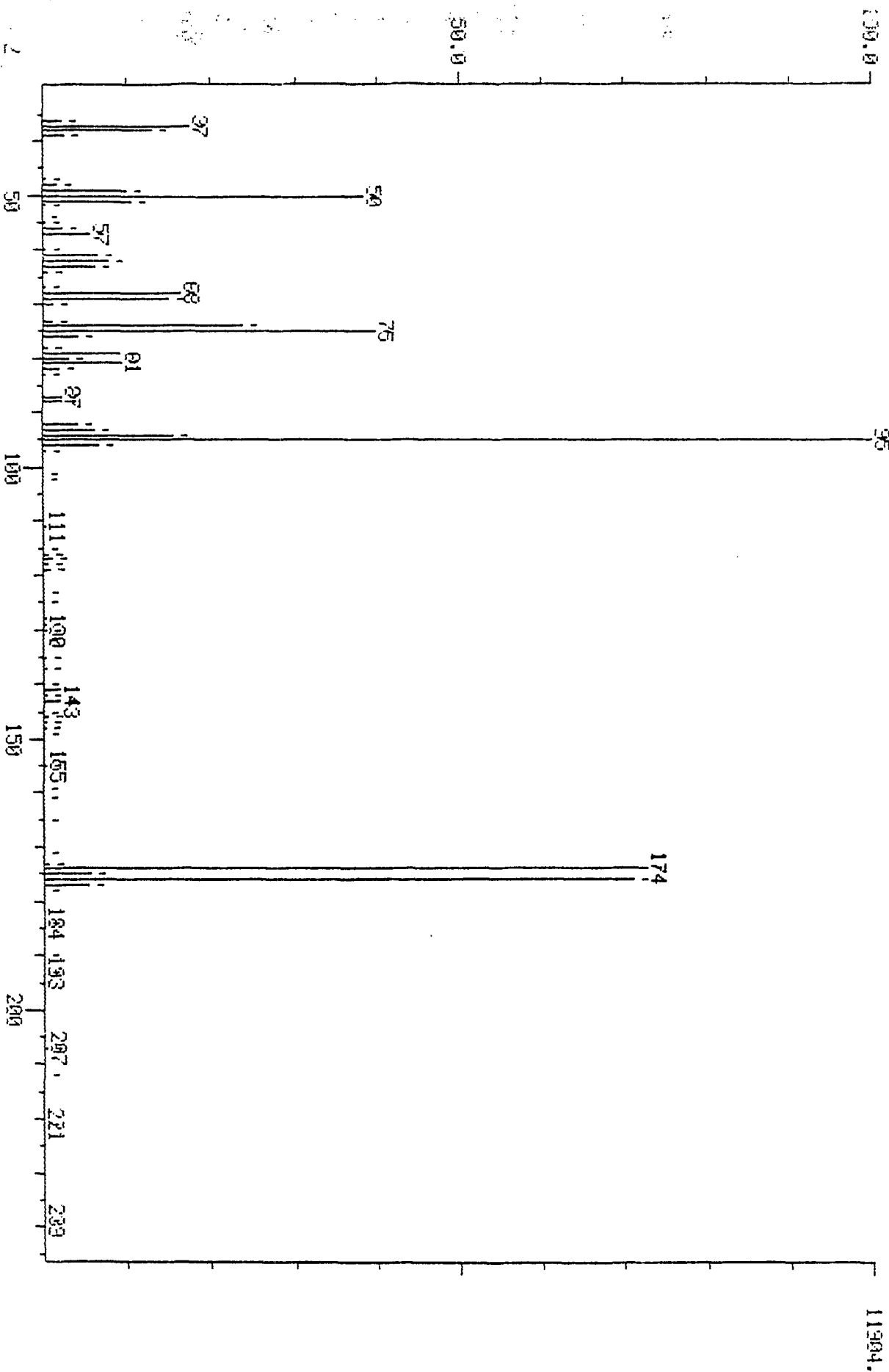
AR307576

158454.

MID MASS SPECTRUM
02/06/92 10:52:00 + 2:27
SAMPLE: SONG INJECTION OF BFB
COND.: FINNSZ
GC TEMP: 125 DEG. C
#114 TO #116 AVERAGED - #86 X1.00

DATA: BFB540L #115
CALL: BFB540L #3

BASE M/Z: 95
RIG: 65792.



000359

AR307577

MID: 02/06/92 10:52:00 + 2:27 Data: B00340L # 115
 02/06/92 10:52:00 + 2:27 Call: B00340L # 3
 Sample: SONG INJECTION OF BFB
 Conds.: FINN52

#114 to #116 Averaged - #86 X1.00

36 239 Mass	0.00 % RA	0.00 % RIC	0 # Inten.	Minima Maxima Mass	Min inten: 0	0 % RA	0 % RIC	Inten.	
36.00?	S	2.15	0.39	256.	123.00	S	0.05	0.01	6.
37.00?	S	17.27	3.12	2056.	125.00	S	0.04	0.01	5.
38.00?	S	13.00	2.35	1548.	128.00	S	0.29	0.05	35.
39.00?	S	2.47	0.45	294.	129.00	S	0.29	0.05	35.
47.00?	S	0.17	0.03	20.	130.00	S	0.30	0.05	36.
48.00?	S	1.74	0.31	207.	131.00	S	0.12	0.02	14.
49.00?	S	10.08	1.82	1200.	132.00	S	0.05	0.01	6.
50.00?	S	38.51	6.97	4584.	133.00	S	0.06	0.01	7.
51.00?	S	10.47	1.89	1246.	135.00	S	0.15	0.03	18.
52.00?	S	0.20	0.04	24.	137.00	S	0.30	0.05	36.
54.00?	S	0.08	0.01	9.	140.00	S	0.06	0.01	7.
55.00?	S	0.29	0.05	35.	141.00	S	1.88	0.34	224.
56.00?	S	2.17	0.39	258.	142.00	S	0.23	0.04	27.
57.00?	S	5.50	1.00	655.	143.00	S	2.04	0.37	243.
60.00?	S	0.15	0.03	18.	145.00	S	0.13	0.02	15.
61.00?	S	6.49	1.17	772.	146.00	S	0.46	0.08	55.
62.00?	S	7.83	1.42	932.	147.00	S	0.18	0.03	22.
63.00?	S	6.00	1.09	714.	148.00	S	0.22	0.04	26.
64.00?	S	0.42	0.08	50.	149.00	S	0.13	0.02	15.
67.00?	S	0.23	0.04	27.	153.00	S	0.10	0.02	12.
68.00?	S	16.28	2.95	1938.	154.00	S	0.05	0.01	6.
69.00	S	14.97	2.71	1782.	155.00	S	0.23	0.04	27.
70.00	S	1.16	0.21	138.	159.00	S	0.06	0.01	7.
73.00	S	1.10	0.20	131.	161.00	S	0.09	0.02	11.
74.00	S	23.89	4.32	2844.	165.00	S	0.05	0.01	6.
75.00	S	39.72	7.19	4728.	171.00	S	0.06	0.01	7.
76.00	S	4.05	0.73	482.	173.00	S	0.55	0.10	66.
78.00	S	0.50	0.09	60.	174.00	S	72.72	13.16	8656.
79.00	S	9.07	1.64	1080.	175.00	S	5.54	1.00	660.
80.00	S	3.03	0.55	361.	176.00	S	71.10	12.86	8464.
81.00	S	9.26	1.67	1102.	177.00	S	5.21	0.94	620.
82.00	S	1.97	0.36	235.	178.00	S	0.08	0.02	10.
83.00	S	0.17	0.03	20.	184.00	S	0.06	0.01	7.
87.00	S	2.31	0.42	275.	190.00	S	0.05	0.01	6.
88.00	S	2.29	0.41	273.	193.00	S	0.08	0.02	10.
92.00	S	4.19	0.76	499.	207.00	S	0.24	0.04	28.
93.00	S	6.18	1.12	736.	212.00	S	0.05	0.01	6.
94.00	S	15.37	2.78	1830.	221.00	S	0.10	0.02	12.
95.00	S	100.00	18.09	11904.	239.00	S	0.04	0.01	5.
96.00	S	6.56	1.19	781.					
97.00	S	0.16	0.03	19.					
101.00	S	0.05	0.01	6.					
102.00	S	0.04	0.01	5.					
111.00	S	0.14	0.03	17.					
113.00	S	0.10	0.02	12.					
115.00	S	0.13	0.02	15.					
116.00	S	0.53	0.10	63.					
117.00	S	0.98	0.18	117.					
118.00	S	0.53	0.10	63.					
119.00	S	0.89	0.16	106.					

000260

AR307578

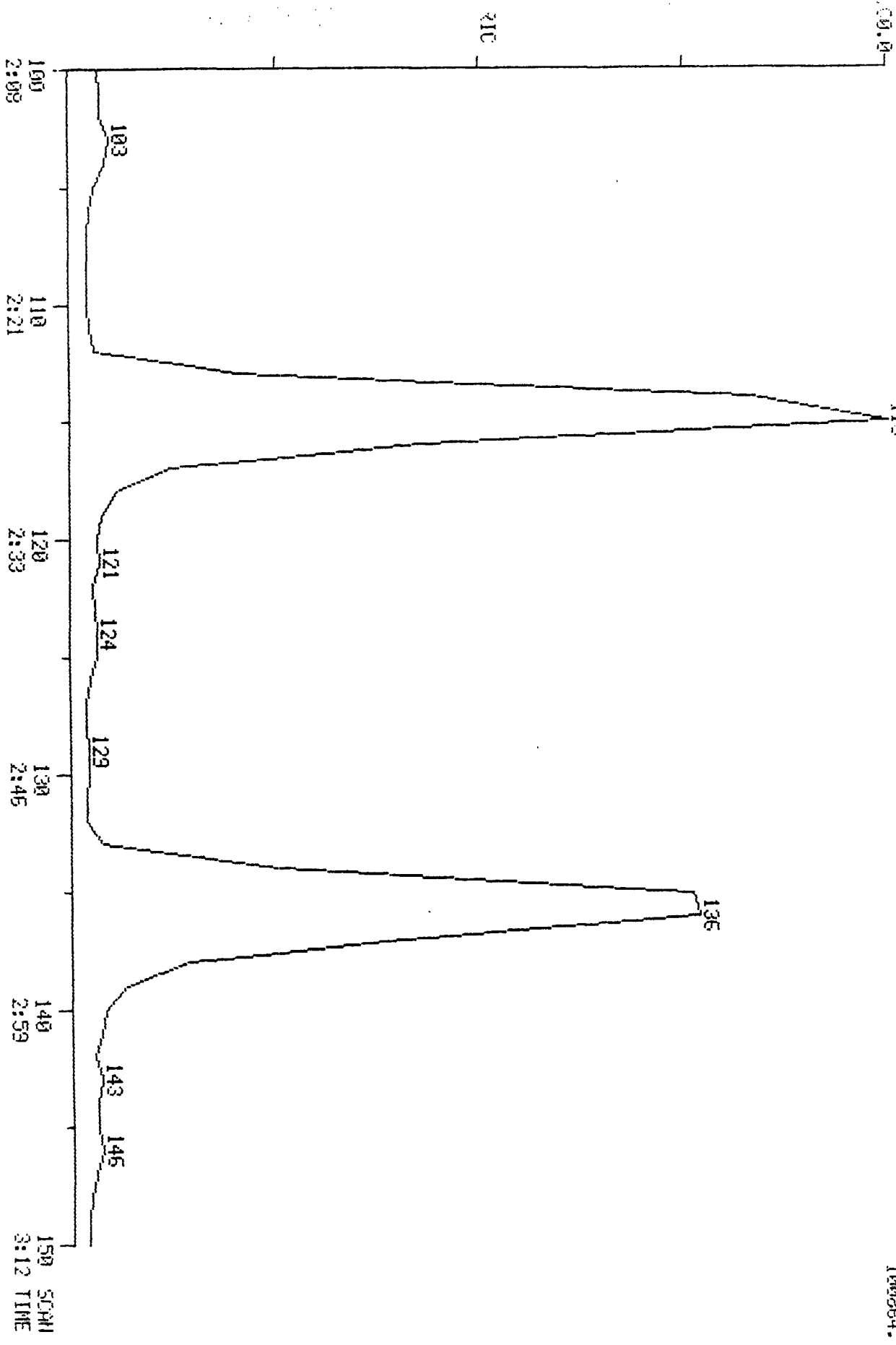
MIDRIC
 02/06/92 10:52:00
 SAMPLE: SOING INJECTION OF BFB
 COND.: FINNS2
 RANGE: G 1.300 LABEL: H 0, 4.0 QUAN: R 0, 1.0 J 0 BASE: U 20, 3

DATA: BFB540L #1
 CALL: BFB540L #3
 SCANS 100 TO 150

100254.

191000

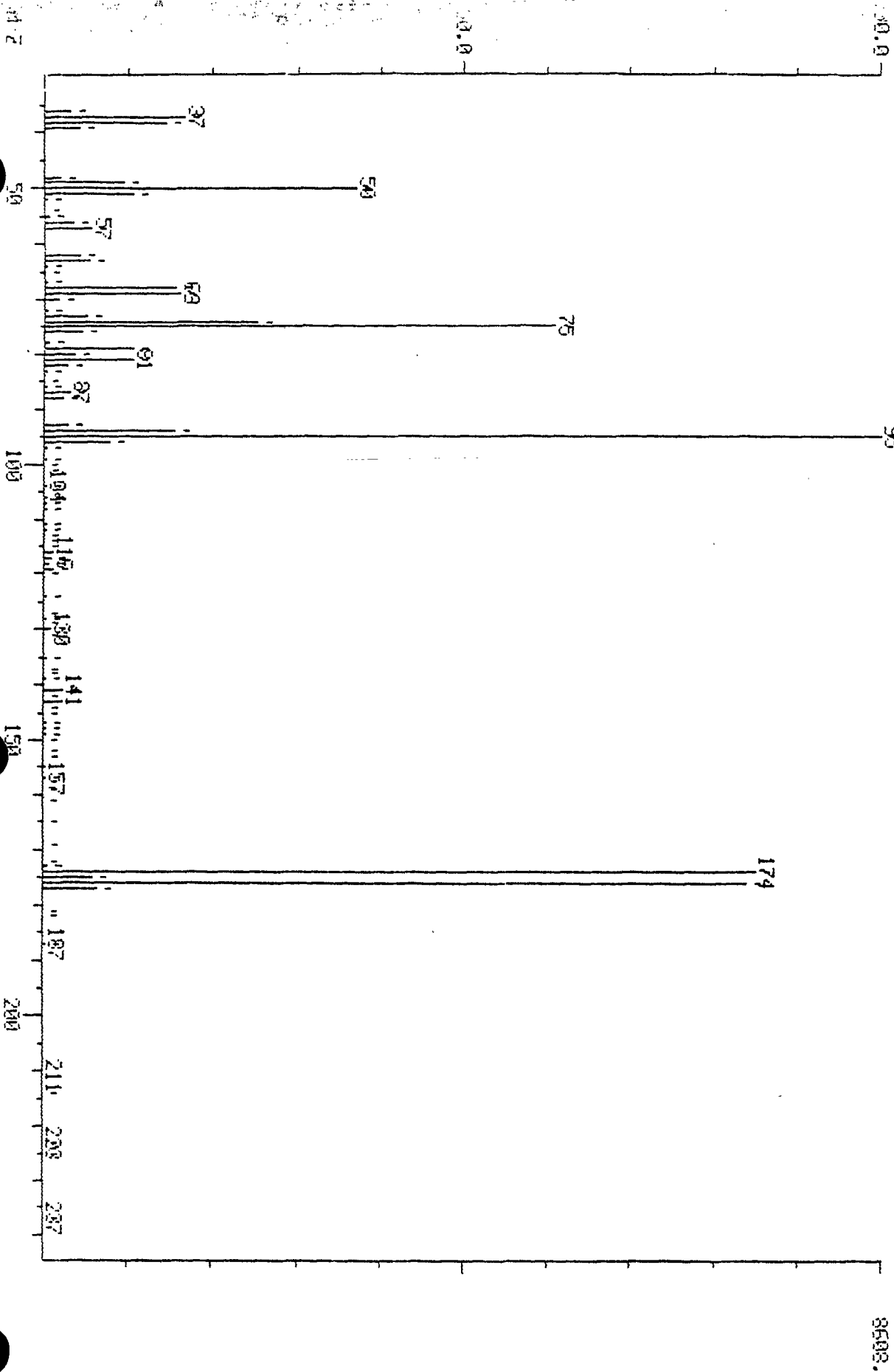
AR307579



MID MASS SPECTRUM
02/06/92 23:12:00 + 2:24
SAMPLE: 50MG INJECTION OF BFB
COND5.: FINHS2
GC TEMP: 124 DEG. C
#112 TO #114 AVERAGED - #85 X1.00

DATA: BFB541L #113
CALL: BFB541L #3

BASE M/Z: 95
RIC: 51456.



294200

AR307580

Conds.: FINN52
 #112 to #114 Averaged - #85 X1.00

36 237 Mass	0.00 % RA	0.00 % RIC	0 # Inten.	Minima Maxima Mass	Min inten:	% RA	% RIC	Inten.	
36.00?	S	3.15	0.53	271.	S	116.00	1.21	0.20	104.
37.00?	S	16.52	2.76	1422.	S	117.00	0.94	0.16	81.
38.00?	S	14.27	2.39	1228.	S	118.00	0.62	0.10	53.
39.00?	S	4.01	0.67	345.	S	119.00	1.21	0.20	104.
48.00?	S	1.92	0.32	165.	S	124.00	0.14	0.02	12.
49.00?	S	9.31	1.56	801.	S	127.00	0.13	0.02	11.
50.00?	S	36.90	6.17	3176.	S	128.00	0.15	0.03	13.
51.00?	S	10.40	1.74	895.	S	129.00	0.09	0.02	8.
52.00?	S	0.17	0.03	15.	S	130.00	0.86	0.14	74.
54.00?	S	0.08	0.01	7.	S	131.00	0.07	0.01	6.
55.00?	S	0.53	0.09	46.	S	135.00	0.39	0.07	34.
56.00?	S	3.32	0.56	286.	S	137.00	0.08	0.01	7.
57.00?	S	5.40	0.90	465.	S	138.00	0.08	0.01	7.
62.00?	S	4.10	0.69	353.	S	139.00	0.15	0.03	13.
63.00?	S	5.36	0.90	461.	S	141.00	2.28	0.38	196.
64.00?	S	0.33	0.05	28.	S	142.00	0.09	0.02	8.
67.00?	S	0.36	0.06	31.	S	143.00	2.18	0.37	188.
68.00?	S	15.57	2.60	1340.	S	144.00	0.07	0.01	6.
69.00	S	16.08	2.69	1384.	S	145.00	0.12	0.02	10.
70.00	S	1.67	0.28	144.	S	147.00	0.21	0.03	18.
72.00	S	0.39	0.07	34.	S	148.00	0.19	0.03	16.
73.00	S	5.03	0.84	433.	S	149.00	0.14	0.02	12.
74.00	S	25.19	4.21	2168.	S	150.00	0.13	0.02	11.
75.00	S	60.69	10.15	5224.	S	152.00	0.07	0.01	6.
76.00	S	4.53	0.76	390.	S	153.00	0.07	0.01	6.
78.00	S	0.53	0.09	46.	S	155.00	0.14	0.02	12.
79.00	S	10.44	1.75	899.	S	157.00	0.23	0.04	20.
80.00	S	3.61	0.60	311.	S	159.00	0.07	0.01	6.
81.00	S	10.49	1.75	903.	S	161.00	0.07	0.01	6.
82.00	S	2.74	0.46	236.	S	165.00	0.09	0.02	8.
83.00	S	0.15	0.03	13.	S	169.00	0.07	0.01	6.
85.00	S	0.08	0.01	7.	S	172.00	0.08	0.01	7.
86.00	S	0.21	0.03	18.	S	173.00	0.55	0.09	47.
87.00	S	3.09	0.52	266.	S	174.00	85.13	14.24	7328.
88.00	S	2.20	0.37	189.	S	175.00	5.79	0.97	498.
93.00	S	2.76	0.46	238.	S	176.00	83.92	14.04	7224.
94.00	S	15.47	2.59	1332.	S	177.00	6.33	1.06	545.
95.00	S	100.00	16.73	8608.	S	181.00	0.08	0.01	7.
96.00	S	7.60	1.27	654.	S	182.00	0.08	0.01	7.
97.00	S	0.22	0.04	19.	S	185.00	0.12	0.02	10.
99.00	S	0.16	0.03	14.	S	187.00	0.19	0.03	16.
100.00	S	0.07	0.01	6.	S	223.00	0.07	0.01	6.
104.00	S	0.30	0.05	26.	S	224.00	0.07	0.01	6.
106.00	S	0.28	0.05	24.	S	225.00	0.07	0.01	6.
107.00	S	0.29	0.05	25.					
108.00	S	0.14	0.02	12.					
111.00	S	0.26	0.04	22.					
112.00	S	0.21	0.03	18.					
113.00	S	0.07	0.01	6.					
114.00	S	0.07	0.01	6.					

00026

AR307581

MIDRIC
02/06/92 23:12:00
SAMPLE: 50NG INJECTION OF BFB
CONDOS.: FINHS2
RAIICE: G 1. 280 LABEL: N 0, 4.0

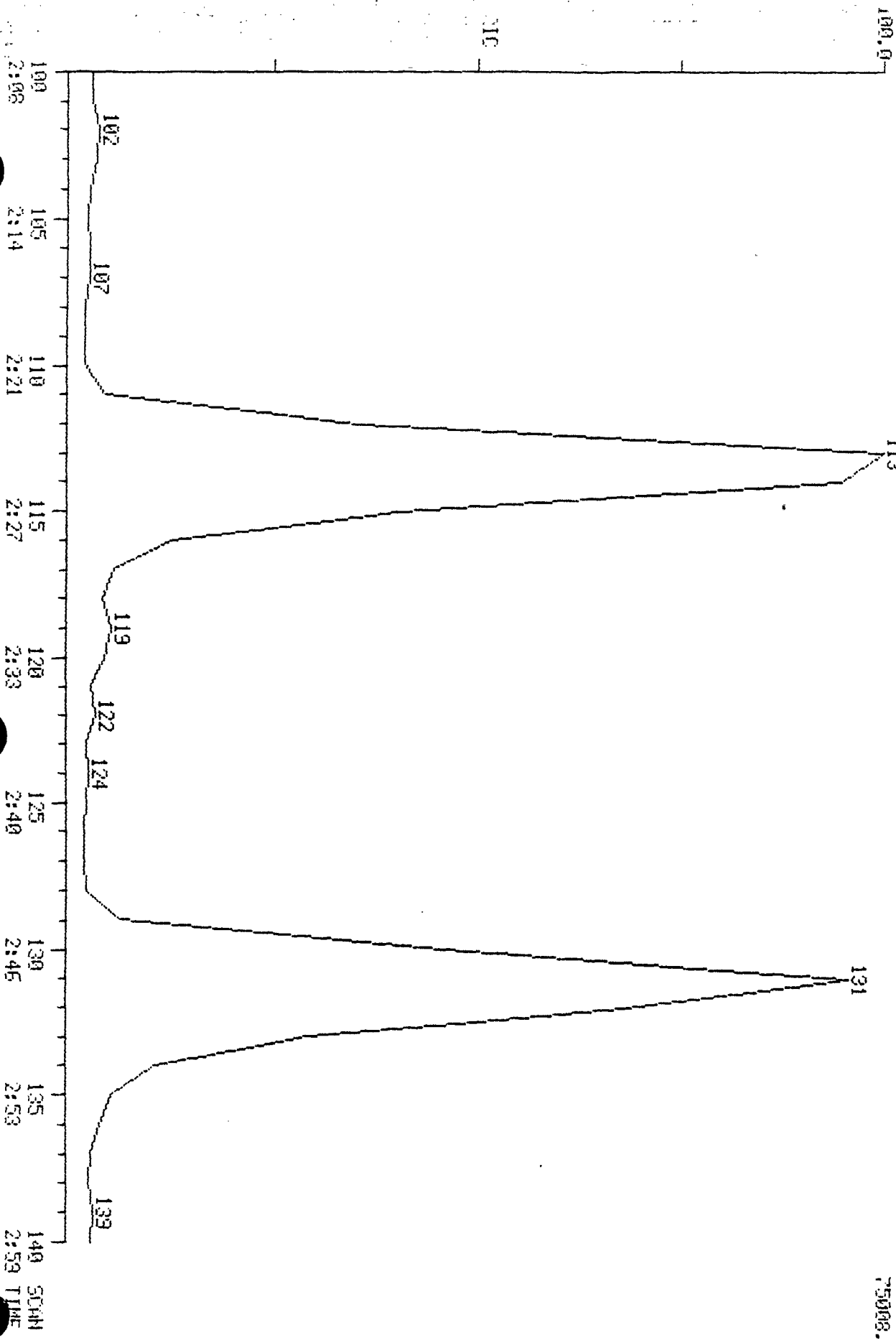
DATA: BFB541L #1
CALL: BFB541L #3

SCANS 100 TO 140

QUAN: A 0, 1.0 J 0 BASE: U 20, 3

75008.

000264



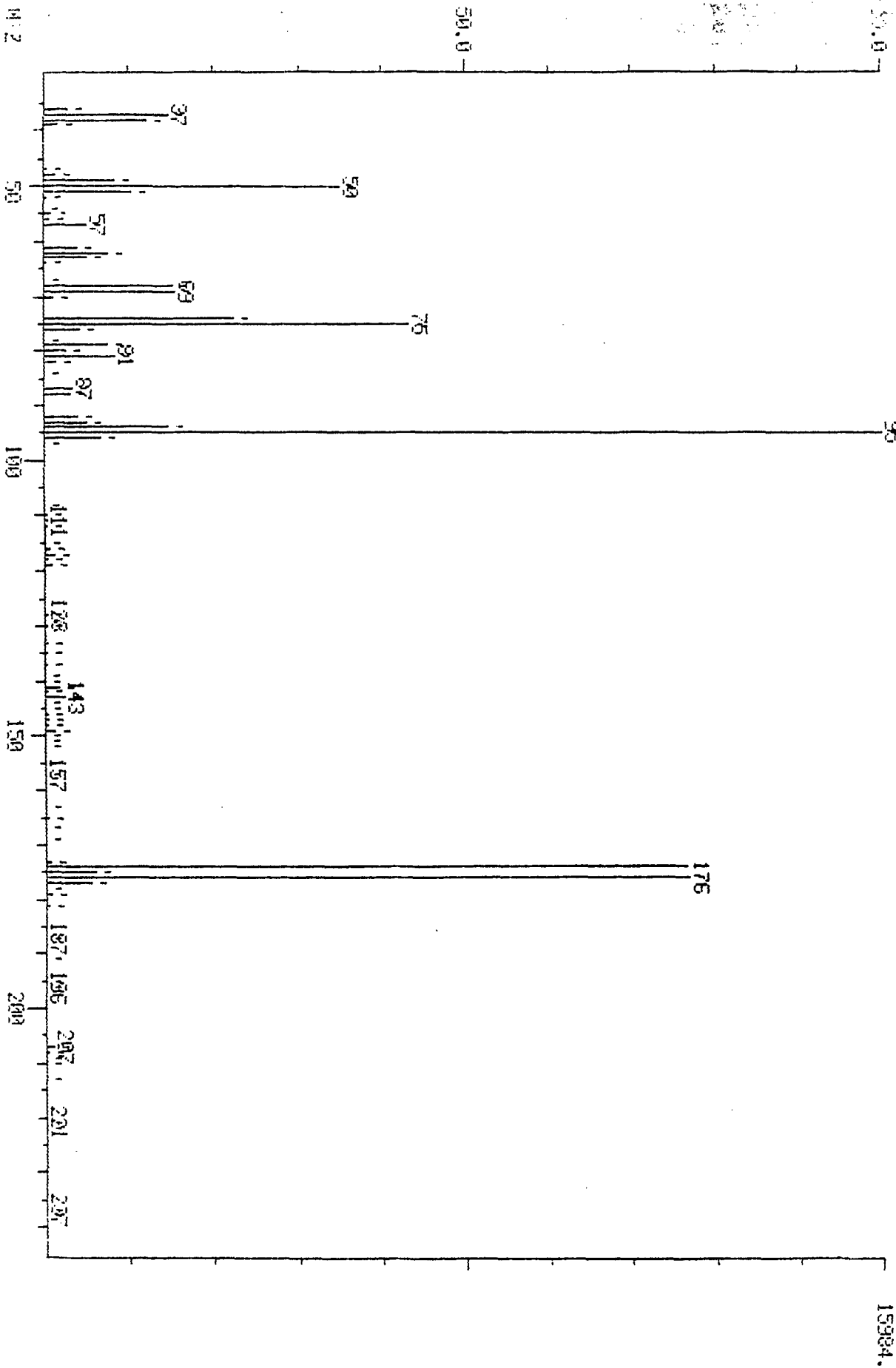
AR307582

MID MASS SPECTRUM
02/07/92 11:25:00 + 2:26
SAMPLE: 50MG INJECTION OF BFB
CONDOS.: FINNS2
GC TEMP: 124 DEG. C
#113 TO #115 AVERAGED - #87 X1.00

DATA: BFB542L #114
CALL: BFB542L #3

BASE M/Z: 95
RIC: 87424.

0000



AR307583

#113 to #115 Averaged - #87 X1.00

36 238 Mass	0.00 % RA	0.00 % RIC	0. # Inten.	Minima Maxima Mass	Min inten:	0. % RA % RIC	Inten.
36.007	S 2.67	0.49	427.	130.00	S 0.32	0.06	51.
37.007	S 14.69	2.69	2348.	133.00	S 0.34	0.06	55.
38.007	S 12.29	2.25	1964.	135.00	S 0.26	0.05	42.
39.007	S 1.58	0.29	253.	137.00	S 0.29	0.05	46.
47.007	S 0.40	0.07	64.	139.00	S 0.04	0.01	6.
48.007	S 1.43	0.26	229.	140.00	S 0.04	0.01	6.
49.007	S 8.30	1.52	1326.	141.00	S 1.76	0.32	282.
50.007	S 35.09	6.41	5608.	142.00	S 0.25	0.05	40.
51.007	S 10.30	1.88	1646.	143.00	S 2.15	0.39	343.
52.007	S 0.37	0.07	59.	144.00	S 0.04	0.01	7.
54.007	S 0.06	0.01	10.	145.00	S 0.10	0.02	16.
55.007	S 0.78	0.14	125.	146.00	S 0.21	0.04	33.
56.007	S 0.63	0.11	100.	147.00	S 0.33	0.06	53.
57.007	S 4.85	0.89	775.	148.00	S 0.39	0.07	62.
61.007	S 3.81	0.70	609.	149.00	S 1.08	0.20	172.
62.007	S 7.57	1.38	1210.	150.00	S 0.08	0.01	13.
63.007	S 4.90	0.90	784.	151.00	S 0.07	0.01	11.
64.007	S 0.21	0.04	34.	152.00	S 0.04	0.01	7.
67.007	S 0.09	0.02	15.	155.00	S 0.04	0.01	7.
68.007	S 15.14	2.77	2420.	157.00	S 0.13	0.02	21.
69.00	S 15.39	2.81	2460.	163.00	S 0.08	0.01	13.
70.00	S 1.19	0.22	191.	165.00	S 0.16	0.03	25.
74.00	S 22.47	4.11	3592.	167.00	S 0.03	0.01	5.
75.00	S 43.24	7.91	6912.	169.00	S 0.03	0.01	5.
76.00	S 4.02	0.73	642.	173.00	S 0.44	0.08	71.
78.00	S 0.13	0.02	20.	174.00	S 76.58	14.00	12240.
79.00	S 7.60	1.39	1214.	175.00	S 5.81	1.06	928.
80.00	S 2.57	0.47	411.	176.00	S 76.78	14.04	12272.
81.00	S 8.40	1.54	1342.	177.00	S 5.32	0.97	851.
82.00	S 1.46	0.27	234.	178.00	S 0.04	0.01	6.
84.00	S 0.08	0.01	13.	179.00	S 0.56	0.10	90.
87.00	S 3.45	0.63	551.	181.00	S 0.18	0.03	28.
88.00	S 2.92	0.53	467.	185.00	S 0.09	0.02	14.
92.00	S 3.84	0.70	613.	187.00	S 0.10	0.02	16.
93.00	S 5.07	0.93	811.	191.00	S 0.06	0.01	9.
94.00	S 14.61	2.67	2336.	195.00	S 0.03	0.01	5.
95.00	S 100.00	18.28	15984.	196.00	S 0.03	0.01	5.
96.00	S 6.74	1.23	1078.	197.00	S 0.03	0.01	5.
97.00	S 0.13	0.02	20.	207.00	S 0.81	0.15	129.
108.00	S 0.04	0.01	6.	208.00	S 0.26	0.05	41.
110.00	S 0.14	0.03	23.	209.00	S 0.10	0.02	16.
111.00	S 0.16	0.03	25.	210.00	S 0.08	0.01	13.
112.00	S 0.15	0.03	24.	213.00	S 0.04	0.01	6.
115.00	S 0.05	0.01	8.	221.00	S 0.12	0.02	19.
116.00	S 0.55	0.10	88.	222.00	S 0.09	0.02	15.
117.00	S 1.02	0.19	163.	237.00	S 0.07	0.01	11.
118.00	S 0.38	0.07	61.	238.00	S 0.04	0.01	7.
119.00	S 0.96	0.18	154.				
128.00	S 0.33	0.06	53.				
129.00	S 0.09	0.02	14.				

000266

AR307584

MIDPIC
02/07/92 11:25:00
SAMPLE: 50MG INJECTION OF BFB
COMDS.: FINH52
RANGE: G 1.300 LABEL: N 0.4.0

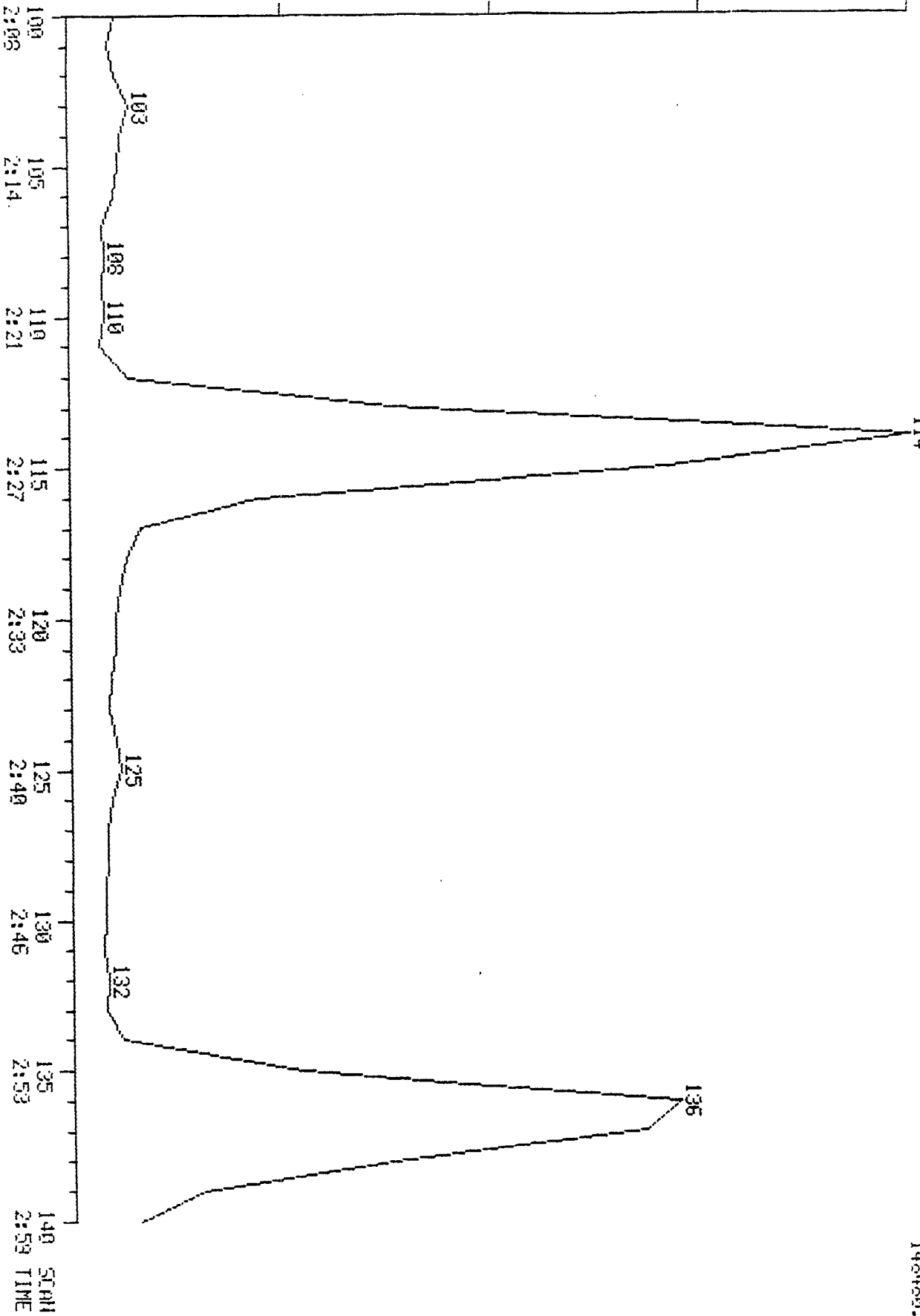
DATA: BFB542L #1
CALL: BFB542L #3

SCANS 100 TO 140

QUAN: A 0.1.0 J 0 BASE: U 20. 3

140480.

00000



AR307585

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK1

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: VBLK1

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOE1967

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 2/05/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_ Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	10.	U
67-64-1	-----Acetone	6.	J
75-15-0	-----Carbon Disulfide	10.	U
75-35-4	-----1,1-Dichloroethene	10.	U
75-34-3	-----1,1-Dichloroethane	10.	U
540-59-0	-----1,2-Dichloroethene (total)	10.	U
67-66-3	-----Chloroform	10.	U
107-06-2	-----1,2-Dichloroethane	10.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	10.	U
56-23-5	-----Carbon Tetrachloride	10.	U
75-27-4	-----Bromodichloromethane	10.	U
78-87-5	-----1,2-Dichloropropane	10.	U
10061-01-5	-----cis-1,3-Dichloropropene	10.	U
79-01-6	-----Trichloroethene	10.	U
124-48-1	-----Dibromochloromethane	10.	U
79-00-5	-----1,1,2-Trichloroethane	10.	U
71-43-2	-----Benzene	10.	U
10061-02-6	-----trans-1,3-Dichloropropene	10.	U
75-25-2	-----Bromoform	10.	U
108-10-1	-----4-Methyl-2-Pentanone	10 2	U <i>2 u</i>
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	10.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10.	U
108-88-3	-----Toluene	10.	U
108-90-7	-----Chlorobenzene	10.	U
100-41-4	-----Ethylbenzene	10.	U
100-42-5	-----Styrene	10.	U
1330-20-	-----Xylene (total)	10.	U

2/20/92
Jew

000268

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK1

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 8736

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: VBLK1

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOE1967

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 2/05/92

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
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30.				

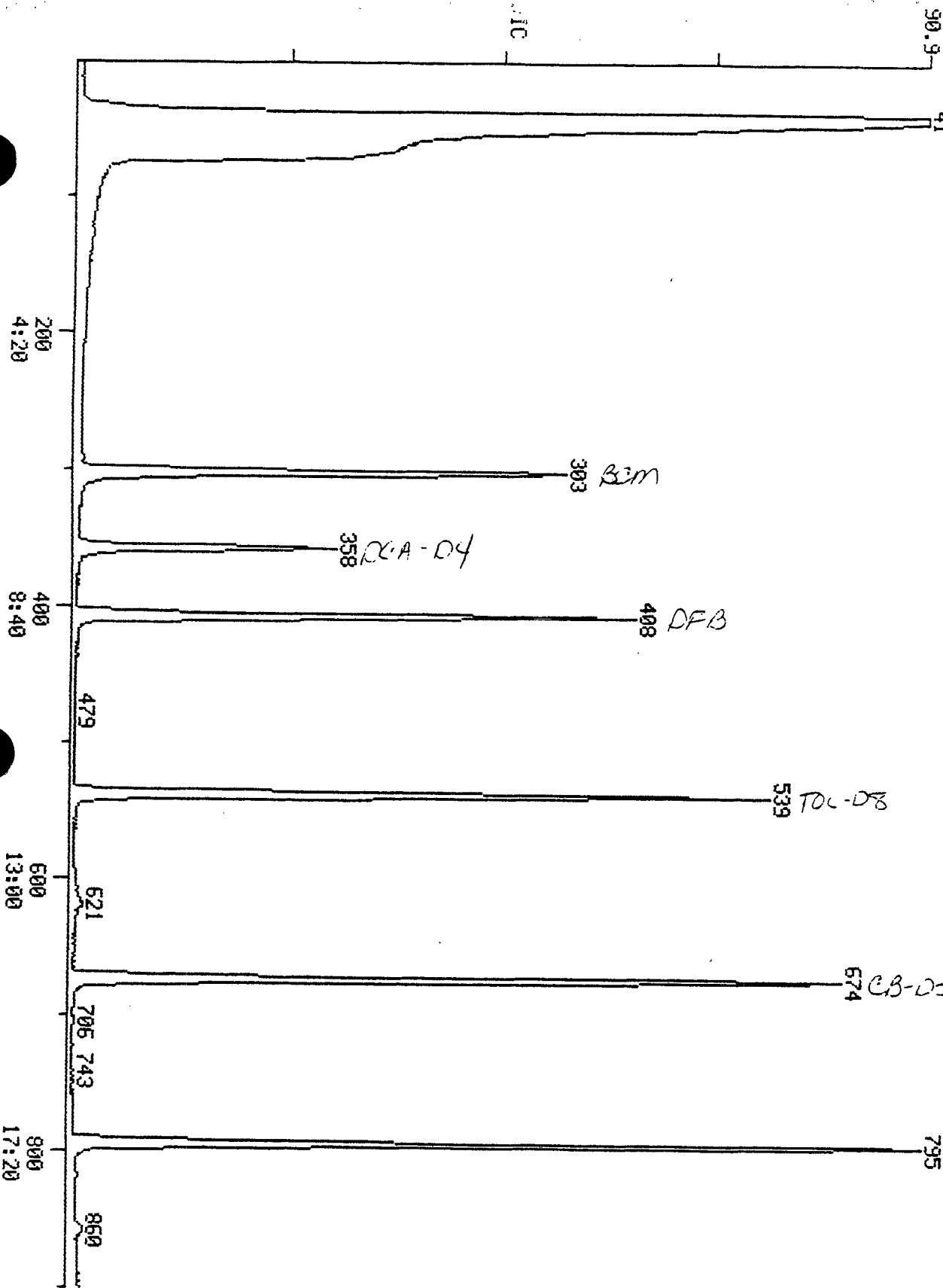
0000

RIC
02/05/92 20:44:00
SAMPLE: WBLK1, SML
COND5.: 510000
RANGE: G 1,1100

DATA: U0E1967 #1
CALL: U0E1967 #2

SCANS 1 TO 500

LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



431477.

000270

AR307588

SCAN
TIME

Data: V0E1967.TI
02/05/92 20:44:00
Sample: VBLK1, 5ML
Conds.: 510000
Formula:
Submitted by:

Instrument: 5100
Analyst: RQ

Weight: 0.004
Acct. No.:

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

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

000271

AR307589

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1, 2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	303	6:34	1	1.000	A BB	132404.	250.000 NG	15.94
2	114	408	8:50	2	1.000	A BB	475635.	250.000 NG	15.94
3	117	674	14:36	3	1.000	A BB	432154.	250.000 NG	15.94
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	43	127	2:45	1	0.419	A BB	8486.	31.459 NG	2.01
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	43	292	6:20	1	0.964	A BB	8891.	<i>low fit</i> 18.473 NG	1.18
17	NOT FOUND								
18	NOT FOUND								
19	43	241	5:13	2	0.591	A BB	671.	0.580 NG	0.04
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	43	540	11:42	3	0.801	A BB	13711.	<i>low fit 2/18/14 JEL</i> 11.854 NG	0.76
30	43	621	13:27	3	0.921	A BB	9184.	11.217 NG	0.71
31	NOT FOUND								
32	83	820	17:46	3	1.217	A BB	3186.	1.851 NG	0.12
33	NOT FOUND								
34	112	676	14:39	3	1.003	A BB	554.	0.279 NG	0.02
35	NOT FOUND								
36	NOT FOUND								
37	106	706	15:18	3	1.047	A BB	965.	0.878 NG	0.06
38	98	539	11:41	3	0.800	A BB	493125.	259.798 NG	16.56
39	95	795	17:13	3	1.180	A BB	402450.	239.149 NG	15.24
40	65	358	7:45	1	1.182	A BB	210671.	239.036 NG	15.24
41	NOT FOUND								
42	NOT FOUND								
43	146	904	19:35	3	1.341	A BB	3087.	1.447 NG	0.09
44	146	950	20:35	3	1.409	A BB	2122.	1.039 NG	0.07
45	146	914	19:48	3	1.356	A BB	4091.	1.841 NG	0.12
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

000272

AR307590

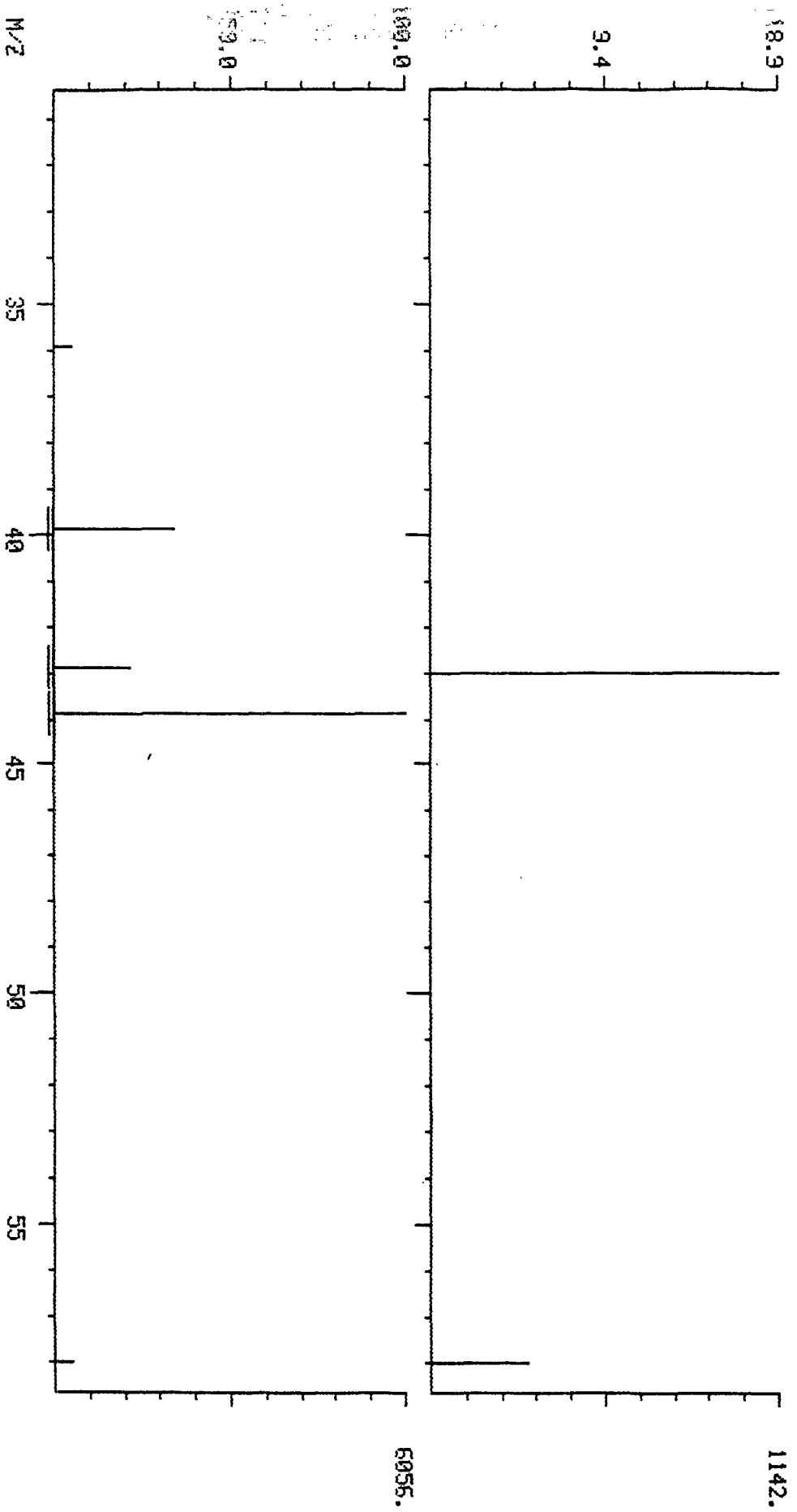
DUAL MASS SPECTRUM
02 05/92 20:44:00 + 2:45
SAMPLE: VBLK1, 5ML
COND5.: 510000
GC TEMP: 8 DEG. C
ENHANCED (5 15B 2N 0T)

DATA: V0E1967 #127
CALI: V0E1967 #2

BASE M/Z: 43/ 44
RIG: 1453./ 10031.

000000

ACETONE

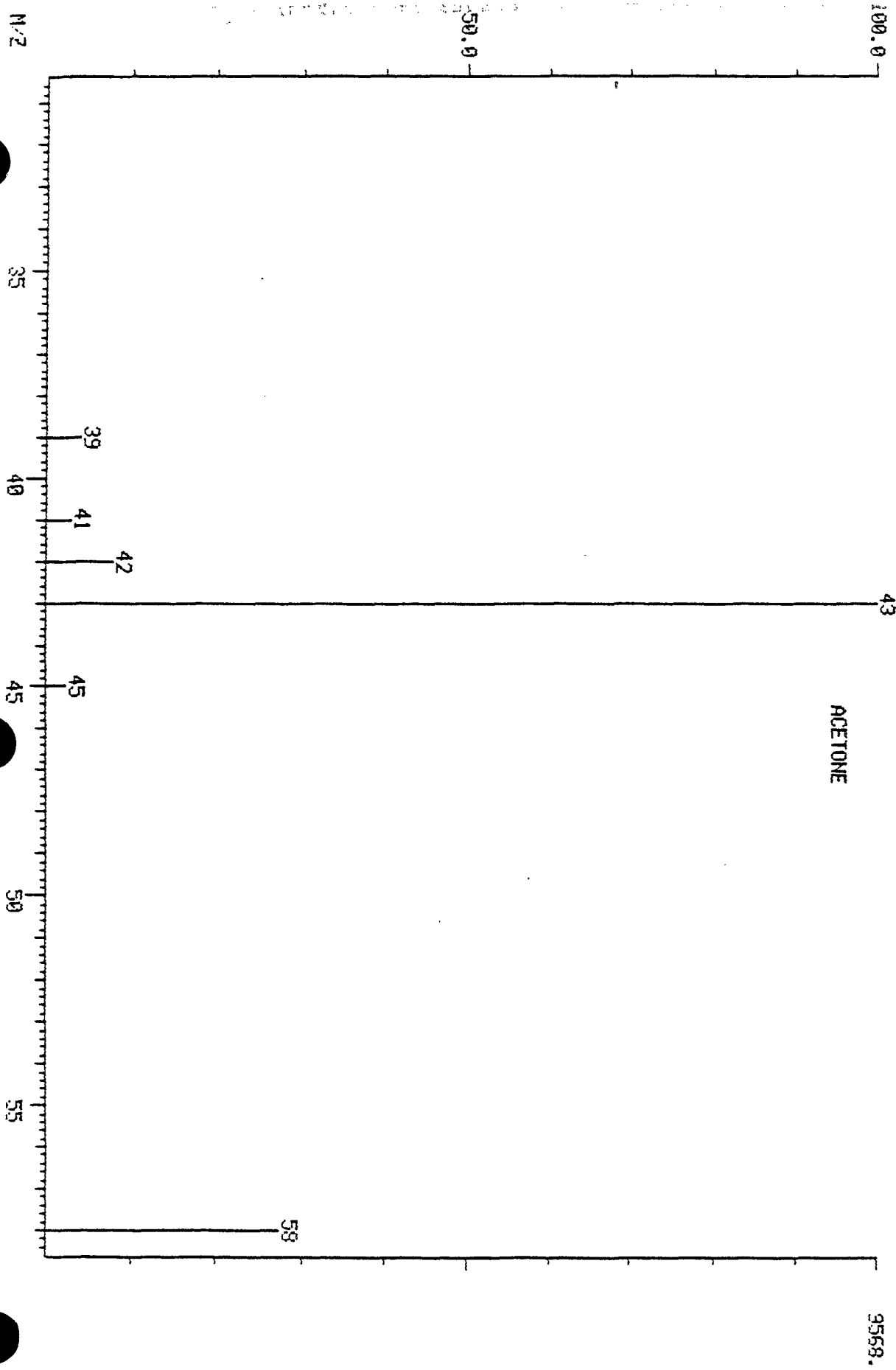


AR307591

MASS SPECTRUM
02/05/92 20:09:00 + 2:48
SAMPLE: USTD050, 250NG VOL STD, 5ML
CONDS.: 510000
GC TEMP: 8 DEG. C
ENHANCED (S 158 2N 0T)

DATA: V0E1966 #129
CALL: V0E1966 #2

BASE M/Z: 43
RIC: 13792.



000274

AR307592

VBLK2

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: VBLK2

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: V0E1982

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 2/06/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_ Q	
74-87-3	-----Chloromethane	10.	U
74-83-9	-----Bromomethane	10.	U
75-01-4	-----Vinyl Chloride	10.	U
75-00-3	-----Chloroethane	10.	U
75-09-2	-----Methylene Chloride	10.	U
67-64-1	-----Acetone	10.	U
75-15-0	-----Carbon Disulfide	10.	U
75-35-4	-----1,1-Dichloroethene	10.	U
75-34-3	-----1,1-Dichloroethane	10.	U
540-59-0	-----1,2-Dichloroethene (total)	10.	U
67-66-3	-----Chloroform	10.	U
107-06-2	-----1,2-Dichloroethane	10.	U
78-93-3	-----2-Butanone	10.	U
71-55-6	-----1,1,1-Trichloroethane	10.	U
56-23-5	-----Carbon Tetrachloride	10.	U
75-27-4	-----Bromodichloromethane	10.	U
78-87-5	-----1,2-Dichloropropane	10.	U
10061-01-5	-----cis-1,3-Dichloropropene	10.	U
79-01-6	-----Trichloroethene	10.	U
124-48-1	-----Dibromochloromethane	10.	U
79-00-5	-----1,1,2-Trichloroethane	10.	U
71-43-2	-----Benzene	10.	U
10061-02-6	-----trans-1,3-Dichloropropene	10.	U
75-25-2	-----Bromoform	10.	U
108-10-1	-----4-Methyl-2-Pentanone	10.	U
591-78-6	-----2-Hexanone	10.	U
127-18-4	-----Tetrachloroethene	10.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10.	U
108-88-3	-----Toluene	10.	U
108-90-7	-----Chlorobenzene	10.	U
100-41-4	-----Ethylbenzene	10.	U
100-42-5	-----Styrene	10.	U
1330-20-7	-----Xylene (total)	10.	U

000275

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK2

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 8376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: VBLK2

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOE1982

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 2/06/92

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

000276

PIC
02 06 92 19:25:00
SAMPLE: UELH2. SML
COND5.: 5100000
PULSE: 5 1.1100

DATA: UOE1982 #1
CALL: UOE1982 #2

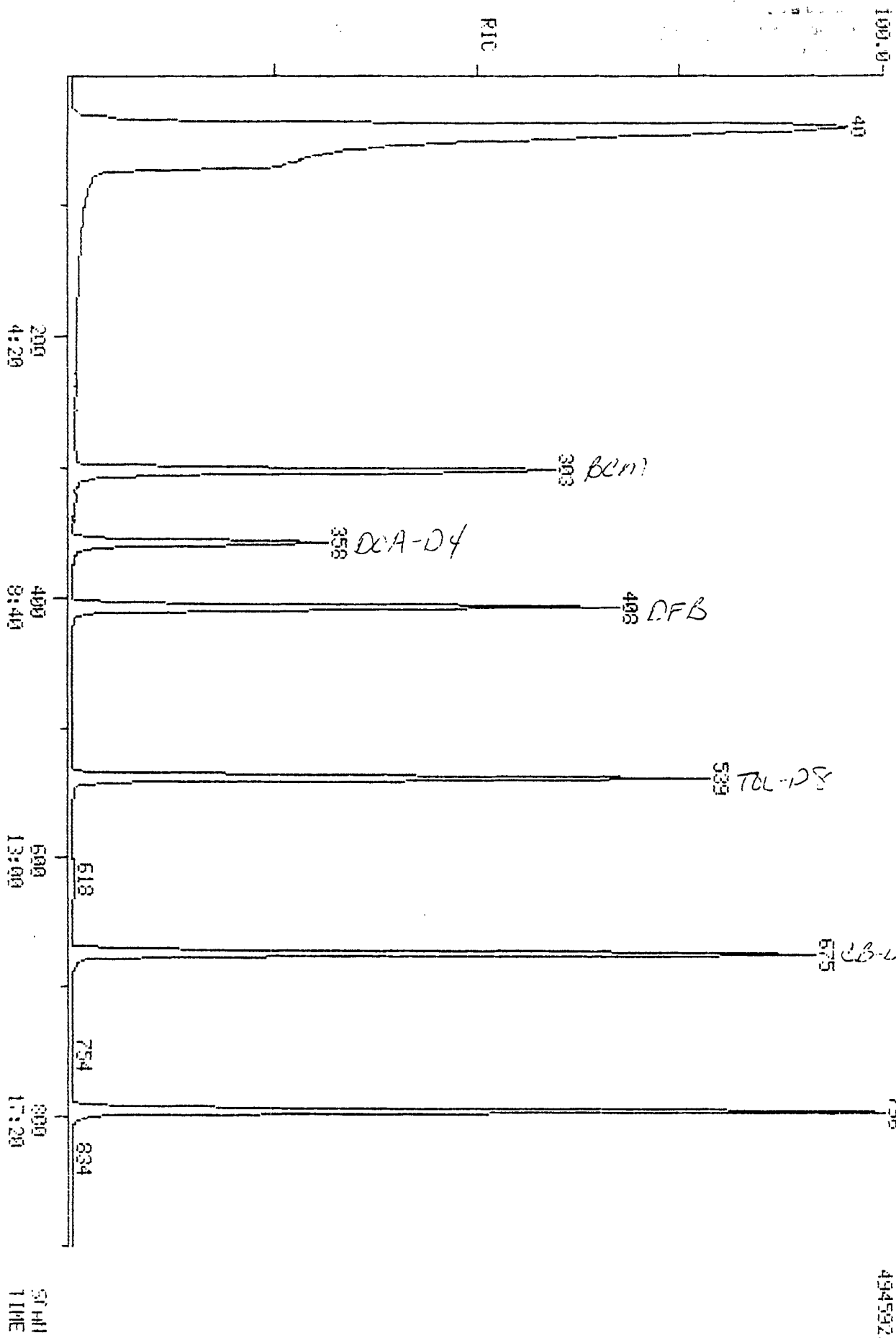
SCANS 1 TO 200

LABEL: H 0, 4.0 QUANT: A 0, 1.0 J 0 BASE: U 20, 3

494592.

000277

AR307595



209
4:29

409
8:49

609
13:09

809
17:29

1009
TIME

Data: V0E1982.TI
02/06/92 10:25:00
Sample: VBLK2, 5ML
Conds.: 510000

Formula:
Submitted by: Instrument: 5100
Analyst: RQ

Weight: 0.004
Acct. No.:

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

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROENZENE
44	1,2-DICHLOROENZENE
45	1,4-DICHLOROENZENE
46	ACROLEIN
47	ACRYLONITRILE

000278

AR307596

No Name
 43 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	303	6:34	1	1.000	A BB	155305.	250.000 NG	16.82
2	114	408	8:50	2	1.000	A BB	553521.	250.000 NG	16.82
3	117	675	14:37	3	1.000	A BB	494477.	250.000 NG	16.82
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	43	292	6:20	1	0.964	A BB	5089.	8.376 NG	0.56
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	43	540	11:42	3	0.800	A BB	5695.	4.463 NG	0.30
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	98	539	11:41	3	0.799	A BB	563094.	248.776 NG	16.74
39	95	796	17:15	3	1.179	A BB	453184.	241.611 NG	16.25
40	65	358	7:45	1	1.182	A BB	256623.	233.329 NG	15.70
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								

000275

AR307597

VBLK3

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 8336

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: VBLK3

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL9981

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00 (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	10.	U
67-64-1	Acetone	10.	U
75-15-0	Carbon Disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	10.	U
540-59-0	1,2-Dichloroethene (total)	10.	U
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone	10.	U
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon Tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
1330-20-7	Xylene (total)	10.	U

000250

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK3

Lab Name: WADSWORTH/ALERT

Contract: 6S-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: VBLK3

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL9981

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
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14.				
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16.				
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19.				
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21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

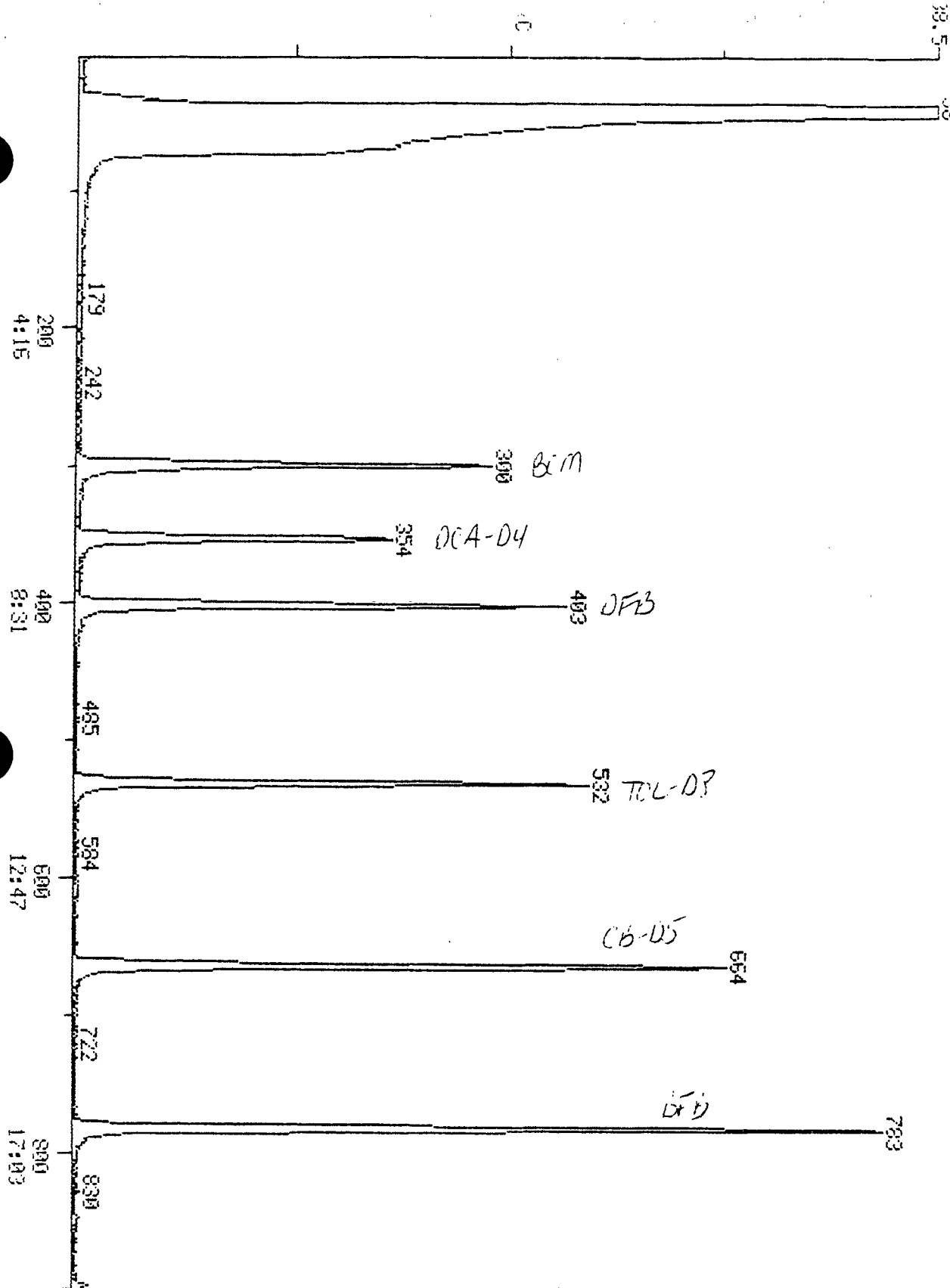
000281

MURID
 02-07-92 1:21:00
 SAMPLE: VBLK3, 5ML
 CONDOS.: FINH52
 RANGE: G 1.1159 LABEL: N 0. 4.0 QUAM: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9981 #1
 CALL: VOL9981 #3

SCANS 1 TO 900

106535.



AR307600

000482

SCAN
 TIME

Date: VOL9981.TI
02/07/92 1:21:00
Sample: VBLK3, 5ML
Conds.: FINN52
Formula: VOC
Submitted by WADS

Instrument: FINN52
Analyst: JP

Weight: 0.000
Acct. No.: 68D10008

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

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROBENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROBENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROBENZENE
44	1,2-DICHLOROBENZENE
45	1,4-DICHLOROBENZENE
46	ACROLEIN
47	ACRYLONITRILE

000493

AR307601

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1, 2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	299	6:22	1	1.000	A BB	22668.	250.000 NG	16.81
2	114	403	8:35	2	1.000	A BB	79363.	250.000 NG	16.81
3	117	664	14:09	3	1.000	A BB	62091.	250.000 NG	16.81
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	43	128	2:44	1	0.428	A VB	242.	5.385 NG	0.36
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	43	291	6:12	1	0.973	A BB	272.	3.542 NG	0.24
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	43	533	11:21	3	0.803	A BB	1366.	6.366 NG	0.43
30	43	612	13:02	3	0.922	A BB	36.	0.243 NG	0.02
31	NOT FOUND								
32	NOT FOUND								
33	91	539	11:29	3	0.812	A BB	72.	0.256 NG	0.02
34	112	668	14:14	3	1.006	A BB	63.	0.268 NG	0.02
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	98	532	11:20	3	0.801	A BB	67402.	255.616 NG	17.19
39	95	792	16:40	3	1.178	A BV	58023.	237.793 NG	15.99
40	65	354	7:33	1	1.184	A BB	61929.	228.055 NG	15.33
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	101	92	1:58	1	0.308	A BB	41.	0.079 NG	0.01
49	NOT FOUND								
50	NOT FOUND								

000284

AR307602

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBK4

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: VBK4

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL1001

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L_ Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	10.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	10.	U
75-35-4-----	1,1-Dichloroethene	10.	U
75-34-3-----	1,1-Dichloroethane	10.	U
540-59-0-----	1,2-Dichloroethene (total)	10.	U
67-66-3-----	Chloroform	10.	U
107-06-2-----	1,2-Dichloroethane	10.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	10.	U
56-23-5-----	Carbon Tetrachloride	10.	U
75-27-4-----	Bromodichloromethane	10.	U
78-87-5-----	1,2-Dichloropropane	10.	U
10061-01-5-----	cis-1,3-Dichloropropene	10.	U
79-01-6-----	Trichloroethene	10.	U
124-48-1-----	Dibromochloromethane	10.	U
79-00-5-----	1,1,2-Trichloroethane	10.	U
71-43-2-----	Benzene	10.	U
10061-02-6-----	trans-1,3-Dichloropropene	10.	U
75-25-2-----	Bromoform	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	10.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	10.	U
100-41-4-----	Ethylbenzene	10.	U
100-42-5-----	Styrene	10.	U
1330-20-7-----	Xylene (total)	10.	U

000285

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK4

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: VBLK4

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL1001

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_

CAS NUMBER	COMPOUND NAME	RT	EXT. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

000286

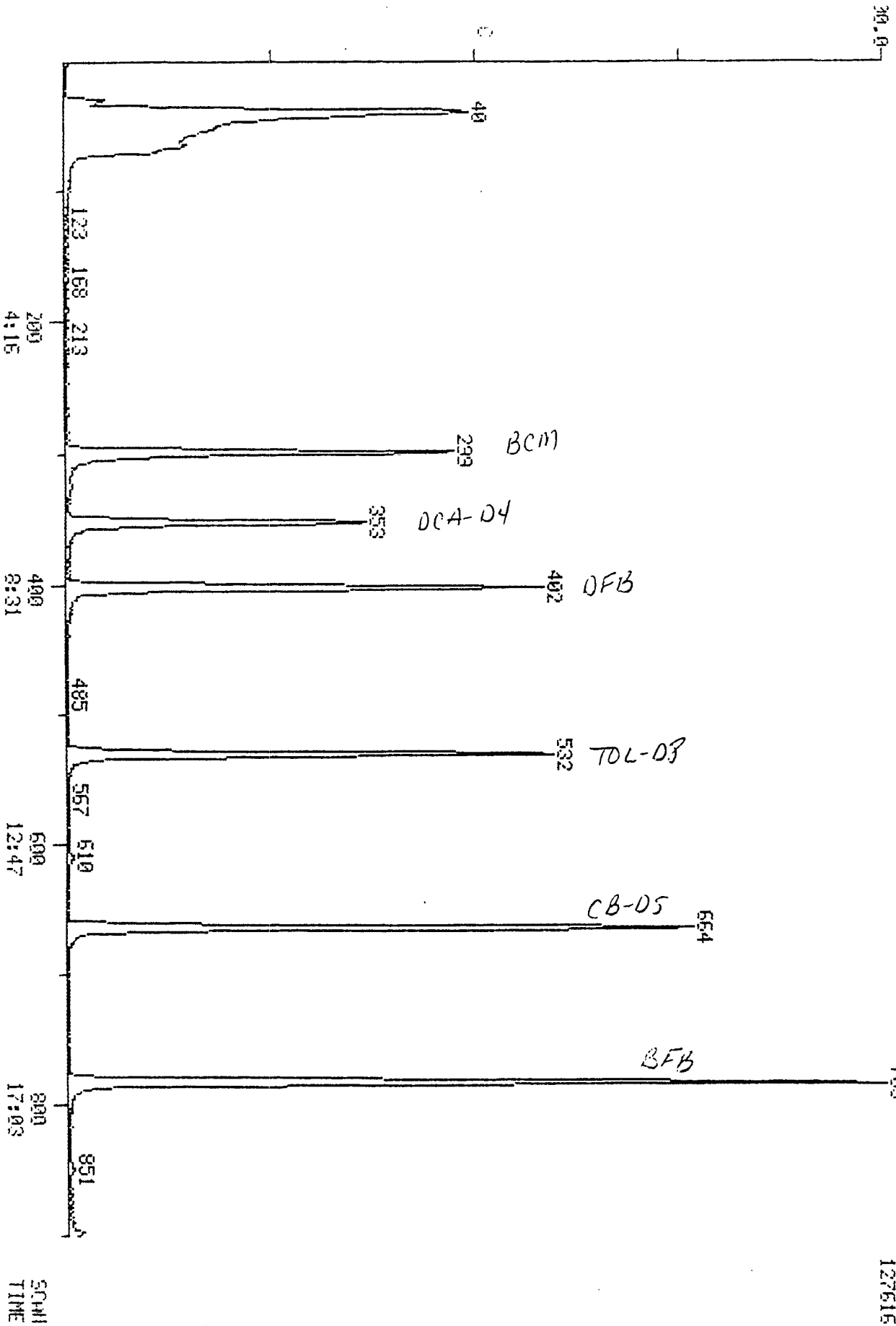
MIRIC
02/07/92 13:34:00
SAMPLE: UELK4, SHL
CONDS.: FINHS2
PHASE: G 1.1159

DATA: VOL1001 #1
CALL: VOL1001 #3

SCANS 1 TO 900

LABEL: H 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

127615.



AR307605

000287

Data: VOL1001 TI
02/07/92 13:34:00
Sample: VBLK4, 5ML
Conds.: FINN52
Formula: VOC
Submitted by: WADS

Instrument: FINN52
Analyst: JP

Weight: 0.000
Acct. No.: 68D10008

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

- No Name
- 1 BROMOCHLOROMETHANE
- 2 1,4-DIFLUOROBENZENE
- 3 CHLOROBENZENE-D5
- 4 CHLOROMETHANE
- 5 BROMOMETHANE
- 6 VINYL CHLORIDE
- 7 CHLOROETHANE
- 8 METHYLENE CHLORIDE
- 9 ACETONE
- 10 CARBON DISULFIDE
- 11 1,1-DICHLOROETHENE
- 12 1,1-DICHLOROETHANE
- 13 1,2-DICHLOROETHENE (TOTAL)
- 14 CHLOROFORM
- 15 1,2-DICHLOROETHANE
- 16 2-BUTANONE
- 17 1,1,1-TRICHLOROETHANE
- 18 CARBON TETRACHLORIDE
- 19 VINYL ACETATE
- 20 BROMODICHLOROMETHANE
- 21 1,2-DICHLOROPROPANE
- 22 CIS-1,3-DICHLOROPROPENE
- 23 TRICHLOROETHENE
- 24 DIBROMOCHLOROMETHANE
- 25 1,1,2-TRICHLOROETHANE
- 26 BENZENE
- 27 TRANS-1,3-DICHLOROPROPENE
- 28 BROMOFORM
- 29 4-METHYL-2-PENTANONE
- 30 2-HEXANONE
- 31 TETRACHLOROETHENE
- 32 1,1,2,2-TETRACHLOROETHANE
- 33 TOLUENE
- 34 CHLOROBENZENE
- 35 ETHYLBENZENE
- 36 STYRENE
- 37 XYLENES
- 38 TOLUENE-D8
- 39 BROMOFLUOROBENZENE
- 40 1,2-DICHLOROETHANE-D4
- 41 2-CHLOROETHYL VINYL ETHER
- 42 XYLENE (TOTAL)
- 43 1,3-DICHLOROBENZENE
- 44 1,2-DICHLOROBENZENE
- 45 1,4-DICHLOROBENZENE
- 46 ACROLEIN
- 47 ACRYLONITRILE

000288

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	299	6:22	1	1.000	A BV	27672.	250.000 NG	17.02
2	114	402	8:34	2	1.000	A BB	107482.	250.000 NG	17.02
3	117	664	14.09	3	1.000	A BB	85050.	250.000 NG	17.02
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	43	131	2:47	1	0.438	A BB	138.	2.949 NG	0.20
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	43	291	6:12	1	0.973	A BB	277.	3.107 NG	0.21
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	43	532	11:20	3	0.801	A BB	1284.	5.131 NG	0.35
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	98	532	11:20	3	0.801	A BB	88278.	250.746 NG	17.07
39	95	783	16:41	3	1.179	A BB	76642.	234.339 NG	15.95
40	65	353	7:31	1	1.181	A BB	73444.	222.841 NG	15.17
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								

AR307607

VOLATILE ORGANICS ANALYSIS DATA SHEET

DATA SHEET NO.

MW21AWMS

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42764

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL9990

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.43

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L_

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L_	Q
74-87-3	Chloromethane	14.	U
74-83-9	Bromomethane	14.	U
75-01-4	Vinyl Chloride	14.	U
75-00-3	Chloroethane	14.	U
75-09-2	Methylene Chloride	14.	U
67-64-1	Acetone	14.	U
75-15-0	Carbon Disulfide	14.	U
75-35-4	1,1-Dichloroethene	83.	
75-34-3	1,1-Dichloroethane	14.	U
540-59-0	1,2-Dichloroethene (total)	14.	U
67-66-3	Chloroform	14.	U
107-06-2	1,2-Dichloroethane	14.	U
78-93-3	2-Butanone	14.	U
71-55-6	1,1,1-Trichloroethane	130.	
56-23-5	Carbon Tetrachloride	14.	U
75-27-4	Bromodichloromethane	14.	U
78-87-5	1,2-Dichloropropane	14.	U
10061-01-5	cis-1,3-Dichloropropene	14.	U
79-01-6	Trichloroethene	160.	
124-48-1	Dibromochloromethane	14.	U
79-00-5	1,1,2-Trichloroethane	14.	U
71-43-2	Benzene	58.	
10061-02-6	trans-1,3-Dichloropropene	14.	U
75-25-2	Bromoform	14.	U
108-10-1	4-Methyl-2-Pentanone	14.	U
591-78-6	2-Hexanone	14.	U
127-18-4	Tetrachloroethene	14.	U
79-34-5	1,1,2,2-Tetrachloroethane	14.	U
108-88-3	Toluene	55.	
108-90-7	Chlorobenzene	57.	
100-41-4	Ethylbenzene	14.	U
100-42-5	Styrene	14.	U
1330-20-7	Xylene (total)	14.	U

000290

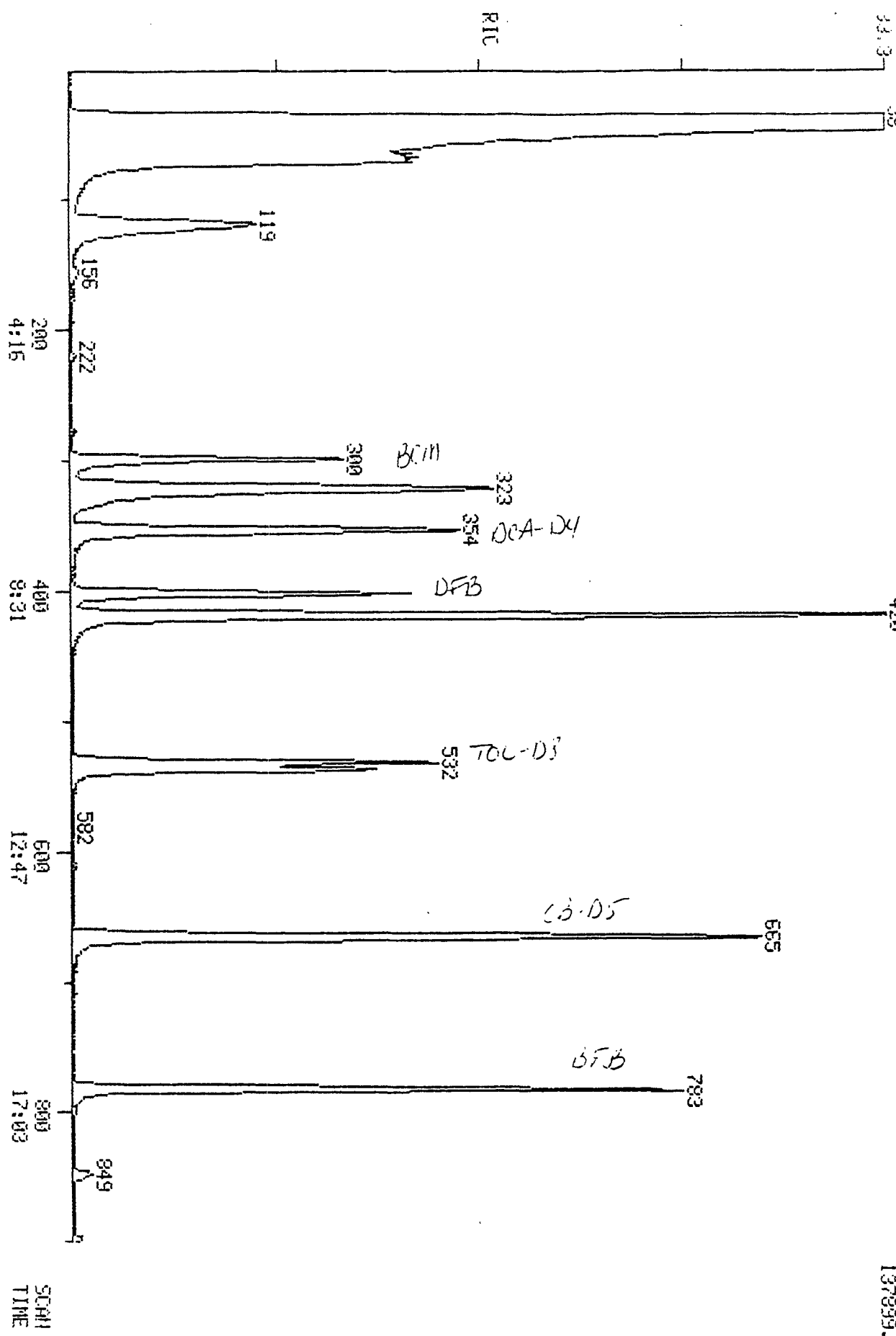
MIDRILC
 02/07/92 6:24:00
 SAMPLE: 42764101, MIZIAMS, 3.5ML/5ML
 COND.: FINNSZ
 RANGE: G 1,1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9990 #1
 CALL: VOL9990 #3

SCANS 1 TO 900

137899.

000001



AR307609

LABORATORY REPORT FILE VOL9990

Date: VOL9990.TI
02/07/92 6:24:00

Sample: 42764101, MWZ1AWMS, 3.5ML/5ML

Conds.: FINN52

Formula: VOC

Instrument: FINN52

Weight: 0.000

Submitted by: WADS

Analyst: JP

Acct. No.: 68D10008

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	BROMOCHLOROMETHANE
2	1,4-DIFLUOROBENZENE
3	CHLOROENZENE-D5
4	CHLOROMETHANE
5	BROMOMETHANE
6	VINYL CHLORIDE
7	CHLOROETHANE
8	METHYLENE CHLORIDE
9	ACETONE
10	CARBON DISULFIDE
11	1,1-DICHLOROETHENE
12	1,1-DICHLOROETHANE
13	1,2-DICHLOROETHENE (TOTAL)
14	CHLOROFORM
15	1,2-DICHLOROETHANE
16	2-BUTANONE
17	1,1,1-TRICHLOROETHANE
18	CARBON TETRACHLORIDE
19	VINYL ACETATE
20	BROMODICHLOROMETHANE
21	1,2-DICHLOROPROPANE
22	CIS-1,3-DICHLOROPROPENE
23	TRICHLOROETHENE
24	DIBROMOCHLOROMETHANE
25	1,1,2-TRICHLOROETHANE
26	BENZENE
27	TRANS-1,3-DICHLOROPROPENE
28	BROMOFORM
29	4-METHYL-2-PENTANONE
30	2-HEXANONE
31	TETRACHLOROETHENE
32	1,1,2,2-TETRACHLOROETHANE
33	TOLUENE
34	CHLOROENZENE
35	ETHYLBENZENE
36	STYRENE
37	XYLENES
38	TOLUENE-D8
39	BROMOFLUOROBENZENE
40	1,2-DICHLOROETHANE-D4
41	2-CHLOROETHYL VINYL ETHER
42	XYLENE (TOTAL)
43	1,3-DICHLOROENZENE
44	1,2-DICHLOROENZENE
45	1,4-DICHLOROENZENE
46	ACROLEIN
47	ACRYLONITRILE

000292

AR307610

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	299	6:22	1	1.000	A BV	22408.	250.000 NG	7.50
2	114	403	8:35	2	1.000	A BB	80761.	250.000 NG	7.50
3	117	664	14:09	3	1.000	A BV	70932.	250.000 NG	7.50
4	NOT FOUND								
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	96	118	2:31	1	0.395	A BB	34094.	288.972 NG	8.67
12	63	222	4:44	1	0.742	A BB	1625.	6.387 NG	0.19
13	NOT FOUND								
14	NOT FOUND								
15	62	360	7:40	1	1.204	A VB	172.	0.610 NG	0.02
16	43	294	6:16	1	0.983	A BB	138.	1.818 NG	0.05
17	97	322	6:52	2	0.799	A BB	120066.	459.789 NG	13.79
18	NOT FOUND								
19	43	244	5:12	2	0.605	A BB	86.	0.226 NG	0.01
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	130	419	8:56	2	1.040	A BV	76957.	555.094 NG	16.65
24	NOT FOUND								
25	97	580	12:21	2	1.439	A BB	143.	1.239 NG	0.04
26	78	355	7:34	2	0.881	A BB	54648.	201.936 NG	6.06
27	NOT FOUND								
28	NOT FOUND								
29	43	532	11:20	3	0.801	A BV	1269.	5.177 NG	0.16
30	NOT FOUND								
31	164	588	12:32	3	0.886	A BB	41.	0.288 NG	0.01
32	NOT FOUND								
33	91	537	11:26	3	0.809	A BB	61735.	192.429 NG	5.77
34	112	667	14:13	3	1.005	A BB	53930.	200.802 NG	6.02
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	98	532	11:20	3	0.801	A BB	69658.	231.249 NG	6.93
39	95	783	16:41	3	1.179	A BV	60493.	217.015 NG	6.51
40	65	354	7:33	1	1.184	A BV	58621.	218.382 NG	6.55
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	146	900	19:10	3	1.355	A BB	57.	0.149 NG	0.00
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	96	279	5:57	1	0.933	A BB	366.	3.428 NG	0.10

000495

AR307611

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW21AWMSD

Lab Name: WADSWORTH/ALERT

Contract: 68-D1-0085

Lab Code: WADS

Case No.: 87376

SAS No.:

SDG No.: EQB-1

Matrix: (soil/water) WATER

Lab Sample ID: 42764

Sample wt/vol: 5.00 (g/ml) ML

Lab File ID: VOL9991

Level: (low/med) LOW

Date Received: 1/30/92

% Moisture: not dec. 0

Date Analyzed: 2/07/92

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.43

Soil Extract Volume: 0.00 (uL)

Soil Aliquot Volume: 0.00(uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L_ Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
74-87-3	-----Chloromethane	14.	U
74-83-9	-----Bromomethane	14.	U
75-01-4	-----Vinyl Chloride	14.	U
75-00-3	-----Chloroethane	14.	U
75-09-2	-----Methylene Chloride	14.	U
67-64-1	-----Acetone	61.	
75-15-0	-----Carbon Disulfide	14.	U
75-35-4	-----1,1-Dichloroethene	100.	
75-34-3	-----1,1-Dichloroethane	14.	U
540-59-0	-----1,2-Dichloroethene (total)	14.	U
67-66-3	-----Chloroform	14.	U
107-06-2	-----1,2-Dichloroethane	14.	U
78-93-3	-----2-Butanone	14.	U
71-55-6	-----1,1,1-Trichloroethane	140.	
56-23-5	-----Carbon Tetrachloride	14.	U
75-27-4	-----Bromodichloromethane	14.	U
78-87-5	-----1,2-Dichloropropane	14.	U
10061-01-5	-----cis-1,3-Dichloropropene	14.	U
79-01-6	-----Trichloroethene	170.	
124-48-1	-----Dibromochloromethane	14.	U
79-00-5	-----1,1,2-Trichloroethane	14.	U
71-43-2	-----Benzene	68.	
10061-02-6	-----trans-1,3-Dichloropropene	14.	U
75-25-2	-----Bromoform	14.	U
108-10-1	-----4-Methyl-2-Pentanone	14.	U
591-78-6	-----2-Hexanone	14.	U
127-18-4	-----Tetrachloroethene	14.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	14.	U
108-88-3	-----Toluene	65.	
108-90-	-----Chlorobenzene	68.	
100-41-4	-----Ethylbenzene	14.	U
100-42-5	-----Styrene	14.	U
1330-20-7	-----Xylene (total)	14.	U

003294

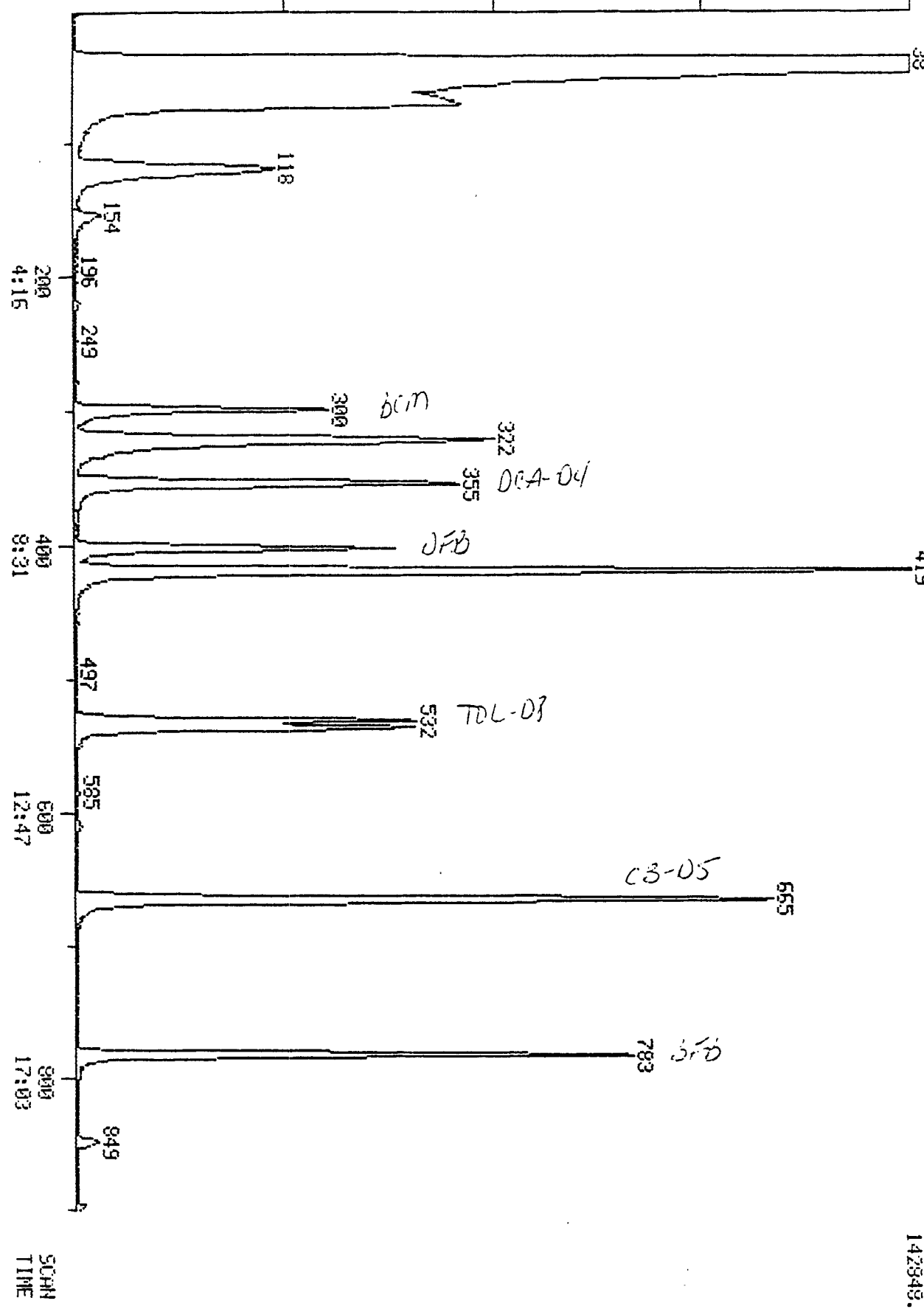
142848

MIDRIC
02/07/92 6:58:00
SAMPLE: 42764101, MUAZIANMSD, 3.5ML/5ML
CONDOS.: FINMSZ
RANGE: G 1.1159 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: VOL9991 #1
CALLI: VOL9991 #3

SCANS 1 TO 900

142848.



AR307613

No Name
 48 TRICHLOROFLUOROMETHANE
 49 DICHLORODIFLUOROMETHANE
 50 CIS-1,2-DICHLOROETHENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	%Tot
1	128	299	6:22	1	1.000	A BB	20710.	250.000 NG	6.61
2	114	403	8:35	2	1.000	A BV	78595.	250.000 NG	6.61
3	117	664	14:09	3	1.000	A BB	67191.	250.000 NG	6.61
4	50	53	1:08	1	0.177	A BB	37.	0.480 NG	0.01
5	NOT FOUND								
6	NOT FOUND								
7	NOT FOUND								
8	84	157	3:21	1	0.525	A BB	71.	0.713 NG	0.02
9	43	125	2:40	1	0.418	A BV	8788.	214.032 NG	5.65
10	76	130	2:46	1	0.435	A BB	48.	0.166 NG	0.00
11	96	118	2:31	1	0.395	A BB	38354.	351.729 NG	9.29
12	63	220	4:41	1	0.736	A BB	1503.	6.391 NG	0.17
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	43	290	6:11	1	0.970	A BB	205.	2.922 NG	0.08
17	97	322	6:52	2	0.799	A BB	121151.	476.728 NG	12.60
18	NOT FOUND								
19	43	232	4:57	2	0.576	A BB	128.	0.346 NG	0.01
20	NOT FOUND								
21	63	435	9:16	2	1.079	A BB	34.	0.277 NG	0.01
22	NOT FOUND								
23	130	419	8:56	2	1.040	A BB	80314.	595.277 NG	15.73
24	NOT FOUND								
25	97	578	12:19	2	1.434	A BB	95.	0.846 NG	0.02
26	78	355	7:34	2	0.881	A BB	62468.	237.193 NG	6.27
27	NOT FOUND								
28	NOT FOUND								
29	43	532	11:20	3	0.801	A BB	2046.	8.812 NG	0.23
30	43	611	13:01	3	0.920	A BB	59.	0.368 NG	0.01
31	164	586	12:29	3	0.883	A BB	168.	1.248 NG	0.03
32	NOT FOUND								
33	91	537	11:26	3	0.809	A BB	68732.	226.165 NG	5.98
34	112	666	14:11	3	1.003	A BB	60291.	236.986 NG	6.26
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	98	532	11:20	3	0.801	A BB	68777.	241.036 NG	6.37
39	95	782	16:40	3	1.178	A BB	56766.	214.983 NG	5.68
40	65	353	7:31	1	1.181	A BB	53821.	216.937 NG	5.73
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	96	280	5:58	1	0.936	A BB	158.	1.601 NG	0.04

000037

AR307615

MISCELLANEOUS DATA

AR307616

Wagsworth/ALERT
Laboratories. Inc.

Instrument : Incos 50-2
CLP GC/MS UOR Run Log
Temperature Program

Page 4

Date : 2/6/92
Case : _____

Column
Type: 2224
Length: 30 m
I.D. 0.32 mm
Flow rate: 1.5 ml/min

SFB

Analysis

1/2 °C for 4 min
to 110 °C @ 2 °C/min
hold min

1/0 °C for min
to 110 °C @ °C/min
hold min

Purge & Trap

Trap:
Purge: min
Desorb: 4 min @ 180 °C
Bake: 10 min @ 200 °C

Auto num	Sample ID lot# sample#	Client	File name	Amt purged	Sample Prep	comments	Analyst
	BFB		114. 116. 116 BFB 5402	3/4 50ul		Direct Inj (1052)	JP
1	JOL 542		JOL 5423	2.50ul			
14	1		JOL 9960	1.000ul			
15			JOL 9961	500ul		JOL 206L	
16			JOL 9962	1.00ul		OK 3/10 200 - 2240	
1			JOL 4963	50ul			
2	Chexol		JOL 9964	1.00ul		OK	
3	Bleed		JOL 9965	5mls		OK	
4	43670-723		JOL 9966	1.50ul		OK	
5	42252-101	CLP	JOL 9967	5mls		OK	
6	43343-102		JOL 9968	1ul		(R) 1.5ml	
7	43344-102		JOL 9969	1.5ml		OK	
7	43345-102		JOL 9970	5mls		OK	
9	43051-124	T240	JOL 9971	2mls		OK	
10	43692-101		JOL 9972	1.5mls		OK	
1	43693-101		JOL 9973	5mls		OK	
2	43694-101		JOL 9974	5mls		OK	
3	43695-101		JOL 9975	5mls		OK	
4	43696-101		JOL 9976	5mls		OK	
5	43697-101		JOL 9977	5mls		OK	
6	43698-101		JOL 9978	5mls		OK	
	43699-110		JOL 9979	20ul		OK	

AR307617

000298

Column
Type: D6L2
Length: 30 m
I.D. 0.53 mm
Flow rate: 15 mL

23
87
75

BFB

Analysis

Purge & Trap

60 °C for 0.1 min
to 200 °C @ 20 °C/min
hold ___ min

10 °C for 4 min
to 110 °C @ 6 °C/min
hold ___ min

Trap: 601
Purge: 11 min
Desorb: 4 min @ 180 °C
Bake: 10 min @ 200 °C

Auto num	Sample ID lot# sample#	Client	File name	Amt purged	Sample Prep	comments	Analyst
	RFA		112,114-85 RFA.541L	500µg		(23'12)	Rce
2	VOLSTD		VOL9980	250µg/5µL		110206L	
3	BLANK	VBLK3	VOL9981	5ML		OK	
4	42701-101	TRPDL CLP	VOL9982	5ML		OK	
5	42707-101	EQB-1	F3	5ML		OK	
6	42770-101	MWZODK	F4	400µL		OK 14 25µL	
7	42771-101	MW10FW	F5	150µL		MW 15 33.5	
8	42772-101		F6	1.5ML		DISSE	
9	42773-101	HAW715F	F7	5ML		OK	
10	42774-101		F8	700µL		OK	
11	42764-101		F9	3.5ML		OK WE 1923 OK	
12	42764MS LPI	MWZ1HW	VOL9990		+250µg	OK 1.43	
13	42764MS LPI	MWZ1HW	91		+250µg	OK 1.43	
14	43343-102		92	1.5ML		OK	
15	43343MS		93		+250µg	DISSE	
16	43343MS		94		+250µg	OK	
1	42776-101	HAWING BASE	95	5ML		OK TCE	
2	42844-101	HAWING BASE	VOL9996	5ML		OK	
3	43343MS		VOL9997	1.5ml	+250µg		

Column
Type: DB424
Length: 30 m
I.D. .53 mm
Flow rate: 1.5 mL

BFB Analysis
2 °C for 11 min
to 200 °C @ 20 °C/min
hold min
10 °C for 7 min
to 100 °C @ °C/min
hold min

Purge & Trap
Trap: _____
Purge: 11 min
Desorb: 4 min @ 180 °C
Bake: 10 min @ 200 °C

Auto num	Sample ID lot# sample#	Client	File name	Amt purged	Sample Prep	comments	Analyst
	BFB		BFB 542L	7.50g		Direct Inj (1125)	JP
1	UOL 5101		UOL 9999	2.50g		UO206	
1	UOL 5101		UOL 9999	2.50g		UO206	
2	Check		UOL 1000	1.00g			
3	Blank	UOLK4	UOL 1001	5mls			
4	42772 101	HMW/THW CLP	UOL 1002	1.5mls		3.33	
5	42774 101	MINZ/CHW	UOL 1003	1mls		5	
6	42776 101		UOL 1004	5mls		Holdin Blank	
7	43346 101		UOL 1005	5mls		Holdin Blank	
8	43682-101	CSX	UOL 1006	5mls			
9	43692-109		UOL 1007	5mls			
10	43693-109		UOL 1008	5mls			
11	43694-109		UOL 1009	5mls			
12	43697-109		UOL 1010	5mls			
13	43698-109		UOL 1011	5mls			
14	43699-109		UOL 1012	5mls			
15	43704-101		UOL 1013	5mls			
16	43705-101		UOL 1014	5mls			
1	43544-124	ED	UOL 1015	5mls			
2	43551-124		UOL 1016				
3	43560-124		UOL 1017				
4	43561-124		UOL 1018				

Wadsworth/ALERT
Laboratories, Inc.

Instrument : 5100
CLP GC/MS UOA Run Log
Temperature Program

Date : 3-7-72
Case :

Column

BFB

Analysis

Purge & Trap

Type: Dove

Length: 30 m

I.D. 1/8 mm

Flow rate: 5.0

100 °C for 5 min
to 120 °C @ 1 °C/min
hold 1 min

0 °C for 1 min
to 120 °C @ 1 °C/min
hold 1 min

Trap: off

Purge: 11 min

Desorb: 4 min @ 180

Bake: 10 min @ 200

Auto num	Sample ID lot#, sample#	Client	File name	Amt purged	Sample Prep	comments	Ana
	BFB		170 100 BFB 575	500 ng		10.50	F
1	10658		100 1962	1000 ng	?		
2	1		62	500 ng	?		
3			64	100 ng	2	UP 205 E (A)	
4			65	500 ng	1	ok 10-5270	
5			100 1966 A	250 ng	3		
6	BLANK	VBLK1	100 1967	5 ml		OK	
7	42759	MWISAH	100 1968	5 ml		OK	
F	42761		69	2 ml / 5 ml		5 ml	
9	42762	MWISAH	70	5 ml		OK	
10	42760	MWISAH	71	5 ml		OK	
11	42763	MWISAH	72	5 ml		OK	
12	42764		73	5 ml		R-3 5 ml	
13	42764 MS		74	5 ml			
14	42764 MS		75	5 ml			
15	42765	MWISAH	76	5 ml		OK	
16	42766	MWISAH	77	5 ml		OK	
1	42767	TRP	78			OK	
2	42767	TRP	79			OK	
3							
4							

AR307620

000301

Column: 19c 455
213460
046482 BFB

Analysis: 20 °C for 1 min
to 190 °C @ 30 °C/min
hold _____ min

10 °C for 4 min
to 150 °C @ 6 °C/min
hold _____ min

Purge & Trap
Trap: 60
Purge: 11 min
Desorb: 4 min @ 180 °C
Bake: 10 min @ 200 °C

Lab. #	Sample ID lot#, sample#	Client	File name	Amt purged	Sample Prep	comments	Analyst
	BFB		175130154 BFB852E	2/1	50ug	direct inj 8:41	WJ
	Vol mix		VCE1980	250ug/5mL	C...	VOLMIX UPDATE	
2	Surc STD		81	250ug/5mL	.....	
3	BLANK	VOLK2	82	5mL	.....	OK	
4	LSD 42764101	MWZ1HW CLP	83	3.5mL/5mL	.....	OK 1.45	
5	42768101	MWZ1HW	84	60ug/5mL	.....	OK 8:33	
6	42769		85	50ug/5mL	.....	EX did not start @	
7	42770		86	200ug/5mL	.....	R=400ug	
8	42771		87	100ug/5mL	.....	R-DVST reset R150ug	
9	42772		88	1mL/5mL	.....	(B) - 1st Run R=1.5mL	
10	42773		89	5mL/5mL	.....	(E) Reset	
11	42774		VCE1990	700ug/5mL	.....	(E) Reset	
12	42775 101	MW160F	91	750ug/5mL	.....	OK 10:47	
13	42769 101	MW2150B	92	50ug/5mL	.....	OK 15:00	
14	42770		93	400ug/5mL	.....	(E) Reset	
15	42764ms		94	3.5mL/5mL	+ 10ul CLP	(E) reset	
16	42764msd		95	1	1	(E) Reset	
1							
2							
3							

WADSWORTH/ALERT LABORATORIES, INC.

SAMPLE CONTROL RECORD

Client: PO597

Case Number: 87-376

Storage Location: VOCCEL

Laboratory Sample Number	Transferred By	Date and Time	Entered	Removed	Reason	Date and Time Returned
42746-1 -2	<i>[Signature]</i>	1-31-92/135	X		Storage	
42767-1 -2						
42768-1 -2						
42769-1 -2						
42770-1 -2						
42771-1 -2						
42772-1 -2						
42773-1 -2						
42774-1 -2						

AR307623

WADSWORTH/ALERT LABORATORIES, INC.

SAMPLE CONTROL RECORD

Client: POS97

Case Number: 87-376

Storage Location: HELM'S 104

Laboratory Sample Number	Transferred By	Date and Time	Entered	Removed	Reason	Date and Time Returned	
42759	2/16/92	2/5/92 2000		X	Analysis	2/5/92 2300	
42760				X			
42761				X			
42762		2/6/92 115		X			2/6/92 205
42763		2/5/92 2000		X			2/5/92 2300
42764				X			
42764				X			
42764		2/6/92 1000		X			2/6/92 1035
42764		2/6/92 1400		X			2/6/92 1445
42765		2/6/92 015		X			2/6/92 130
42766				X			
42767		2/5/92 2350		X			2/6/92 0115
42767		2/6/92 2330		X			2/7/92 0115
42768		2/6/92 1030		X			2/6/92 1125
42769				X			
42770		2/6/92 930		X		2/6/92 1045	
42770		2/6/92 2350		X		2/7/92 110	
42771		2/4/92 930		X		2/6/92 1045	

WADSWORTH/ALERT LABORATORIES, INC.

SAMPLE CONTROL RECORD

Client: PO597

Case Number: 87-376

Storage Location: Helms DM

Laboratory Sample Number	Transferred By	Date and Time	Entered	Removed	Reason	Date and Time Returned
42771	3/16/92	2350		X	A. U. A. L. G. E. I. J.	3/7/92 110
42772	3/6/92	930		X		3/6/92 1045
42772	3/6/92	2350		X		3/7/92 210
42773	3/7/92	1300		X		3/7/92 1410
42773	3/6/92	930		X		3/6/92 1045
42774	3/6/92	2350		X		3/7/92 210
42774	3/6/92	930		X		3/6/92 1130
42774	3/7/92	1300		X		3/7/92 230
42775	3/6/92	1020		X		3/7/92 1400
42776	3/6/92	600		X		3/6/92 1210
42776	3/7/92	1130		X	3/7/92 650	
						3/7/92 120

000007

AR307626

SHIPPING/RECEIVING DOCUMENTS

AR307627



Paul C. Rizzo Associates, Inc.
CONSULTANTS

CHAIN OF CUSTODY RECORD

PROJECT NO.: E17-376	PROJECT NAME: Hawterstown Road			NO. OF CONTAINERS	COMMENTS						
	SAMPLER(S) (SIGNATURE): <i>Douglas Edwards</i>	DATE	TIME								
	SAMPLE IDENTIFICATION	DATE	TIME	SAMPLE TYPE	SAMPLING LOCATION	VOLUME COLLECTED	RELINQUISHED BY (SIGNATURE):	DATE/TIME:	RECEIVED BY (SIGNATURE):	DATE/TIME:	RECEIVED BY (SIGNATURE):
	HMW-15AW	1-27-92	15:10	W	well HMW-15AW	80 ml	<i>Douglas Edwards</i>				
	HMW-17AW	1-27-92	14:45	W	well HMW-17AW	80 ml	<i>Douglas Edwards</i>				
	TRIP BEAK #1	1-17-92	11:30	W	TRIP BEAK well	80 ml	<i>Douglas Edwards</i>				
	HMW-15BF	1-27-92	16:15	W	well HMW-15BF	80 ml	<i>Douglas Edwards</i>				
	HMW-17BF	1-27-92	17:15	W	well HMW-17BF	80 ml	<i>Douglas Edwards</i>				
	HMW-21AW	1-28-92	11:40	W	well HMW-21AW	80 ml	<i>Douglas Edwards</i>				
	HMW-2CAA	1-28-92	12:05	W	well HMW-2CAA	80 ml	<i>Douglas Edwards</i>				
	HMW-2EAB	1-28-92	12:45	W	well HMW-2EAB	80 ml	<i>Douglas Edwards</i>				
	EGB-1	1-28-92	13:30	W	EQUIPMENT BEAK	80 ml	<i>Douglas Edwards</i>				
	HMW-21BF	1-28-92	14:45	W	well HMW-21BF	80 ml	<i>Douglas Edwards</i>				
	HMW-21BED	1-28-92	14:45	W	well HMW-21BF	80 ml	<i>Douglas Edwards</i>				
	HMW-21WMS	1-28-92	11:40	W	well HMW-21AW	80 ml	<i>Douglas Edwards</i>				
	HMW-21WMSD	1-28-92	11:40	W	well HMW-21AW	80 ml	<i>Douglas Edwards</i>				
	RELINQUISHED BY (SIGNATURE): <i>Douglas Edwards</i> RECEIVED BY (SIGNATURE): <i>Patricia Edwards</i> AIRBILL										
	RELINQUISHED BY (SIGNATURE): <i>Douglas Edwards</i> RECEIVED BY (SIGNATURE): <i>3696169875</i>										
	RELINQUISHED BY (SIGNATURE): <i>Douglas Edwards</i> RECEIVED BY (SIGNATURE): <i>1-30-92 11:15</i>										
	RELINQUISHED BY (SIGNATURE): <i>Douglas Edwards</i> RECEIVED BY (SIGNATURE): <i>Douglas Edwards</i>										
	REMARKS: Distribution - Original accompanies shipment, copy to project files.										
	LABORATORY: W-WATER, S-SOLID, A-AIR, O-OTHER										

NOTE: ALL SAMPLES ARE TO BE INSPECTED FOR PHYSICAL INTEGRITY UPON RECEIPT BY THE ANALYTICAL LABORATORY.

SAMPLE LOG-01 SHEET

Lab Name: W. Adsworth Alt Lab Page 1 of 2

Received By (Print Name): John Gruber Log-in Date: 1-31-92

Received By (Signature): [Signature]

Case Number: 87-376
 Sample Delivery Group No.: EQB-1
 SAS Number: _____

EPA SAMPLE #	CORRESPONDING		REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
	SAMPLE TAG #	ASSIGNED LAB #	
MW15AN	N/A	42759-1	Intact
MW15AN		42759-2	
MW17AN		42760-1	
MW17AN		42760-2	
TRPBL1		42761-1	
TRPBL1		42761-2	
MW15BF		42762-1	
MW15BF		42762-2	
MW17BF		42763-1	
MW17BF		42763-2	
MW21AN		42764-1	
MW21AN		42764-2	
MW21AN		42764-3	
MW21AN		42764-4	
MW21AN		42764-5	
MW21AN		42764-6	
MW26AA		42765-1	
MW26AA		42765-2	
MW26AB		42766-1	
MW26AB		42766-2	
EQB-1		42767-1	
EQB-1		42767-2	
MW21BF		42768-1	
MW21BF		42768-2	
WZ15FD		42769-1	

REMARKS:

- Custody Seal(s) Present/Absent
Intact/Broken
- Custody Seal No.: N/A
- Chain of Custody Records Present/Absent
- Test Reports or Packing List Present/Absent
- Airbill Airbill/No Airbill
Present/Absent
- Airbill No.: 3696169875
- Sample Tags Present/Absent
Sample Tag Numbers Line/Under Line
on Chain of Custody
- Sample Conditions Intact/Broken
Leaking
- Date information on custody records, receipts, and sample tags correct Yes/No
- Date Received at Lab: 1-30-92
- Time Received: 1115

Sample Transfer

From: V6666F
 Area #: V6666F
 By: JG
 On: 1-31-92

* Contact SMO and check record of radiation

Reviewed By: _____
 Date: _____

Logbook No.: AR307631
 Logbook Page No.: 000311

SAMPLE LOG-OUT SHEET

Lab Name: Wardsworth Alert Lab Page 2 of 2

Received By (Print Name): John G. Ehr Log-out Date: 1-31-92

Received By (Signature): John G. Ehr

Case Number: 87-376
 Sample Delivery Group No.: EGG-1
 SAS Number: _____

EPA SAMPLE #	CORRESPONDING		REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
	SAMPLE TAG #	ASSIGNED LAB #	
WZ1BFD	N/A	42769-2	Intact
MW20BF		42770-1	
MW20BF		42770-2	
MW16AW		42771-1	
MW16AW		42771-2	
HMW9AW		42772-1	
HMW9AW		42772-2	
HMW9BF		42773-1	
HMW9BF		42773-2	
MW26AW		42774-1	
MW26AW		42774-2	
MW16BF		42775-1	
MW16BF		42775-2	
/			

REMARKS:

- Custody Seal(s) Present/Absent
Intact/Broken
- Custody Seal Nos: N/A
- Chain-of-Custody Records Present/Absent
- Traffic Reports or Packing List Present/Absent
- Airbill Airbill/Sticker
Present/Absent
- Airbill No.: 3696169875
- Sample Tags Present/Absent
Sample Tag Numbers None/Other Listed
or Chain-of-Custody
- Sample Conditions: Intact/Broken/Leaking
- Does information on custody records, traffic reports, and sample tags agree? Yes/No
- Date Received at Lab: 1-30-92
- Time Received: 1115

Sample Transfer

Division: VIA LLP
 Area: VIA LLP
 By: JG
 Date: 1-31-92

* Contact SMO and check record of retention
 Reviewed By: _____
 Date: _____

Logbook No.: AR307632 000312
 Logbook Page No.: _____

WADSWORTH/ALERT LABORATORIES COOLER RECEIPT FORM

Client: Paul C. Rizzo, QWA Project: _____ Quote# _____

Cooler received on 1-30 and opened on 1-30 by SMH
(Signature)

Cooler/ Safe/ Other

WAL Shipper No. 11612

- | | YES | NO |
|--|-------------------------------------|--------------------------|
| 1) Were custody seals on the outside of the cooler?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| If YES, how many and where? Quantity <u>1</u> Location <u>One</u> | | |
| Were signature and date correct?..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 2) Were custody papers included inside the cooler?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3) Were custody papers properly filled out (ink, signed, match labels)?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4) Did you sign the custody papers in the appropriate place?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5) Shipper's packing slip attached to this form?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6) Was packing material used?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| If YES, what type? <u>bubble</u> | | |
| 7) Were samples chilled?..... | <input type="checkbox"/> | <input type="checkbox"/> |
| 8) Were all the bottles sealed in separate plastic bags?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9) Did all bottles arrive in good condition (unbroken)?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10) Were all bottle labels complete (No., date, signed, analysis, preservatives)?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 11) Did all bottle labels and tags agree with custody papers?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12) Were correct bottles used for the tests indicated?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 13) Were all VOA bottles checked for the presence of air bubbles?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 14) Was a sufficient amount of sample sent in each bottle?..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 15) Sample received by Fed Ex/UPS/Client drop-off/Other _____ | | |

Explain any discrepancies - Arrow - 20 BF - Small air bubble in
each 40 ml vial

was contacted on _____ by _____

to resolve discrepancies.



Paul C. Rizzo Associates, Inc.
CONSULTANTS

SAMPLE CUSTODY SEAL

PROJECT NO.	DATE	SEAL BROKEN BY	DATE
81-376	1-29-92		
SIGNATURE	Douglas Espinoza		

AR307634

000314