131138

QUANT REPORT

Operator ID: KELLY
Output File: ^AG010::D6
Data File: >AG010::D6
Name: METHOD BALNK #1
Misc: 12/8/92 HP MS#4, 5mL PURGE

Quant Rev: 7
Quant Time: 921222 09:39
Injected at: 921208 15:54
Dilution Factor: 1.00000
Instrument ID: HP MSD#1

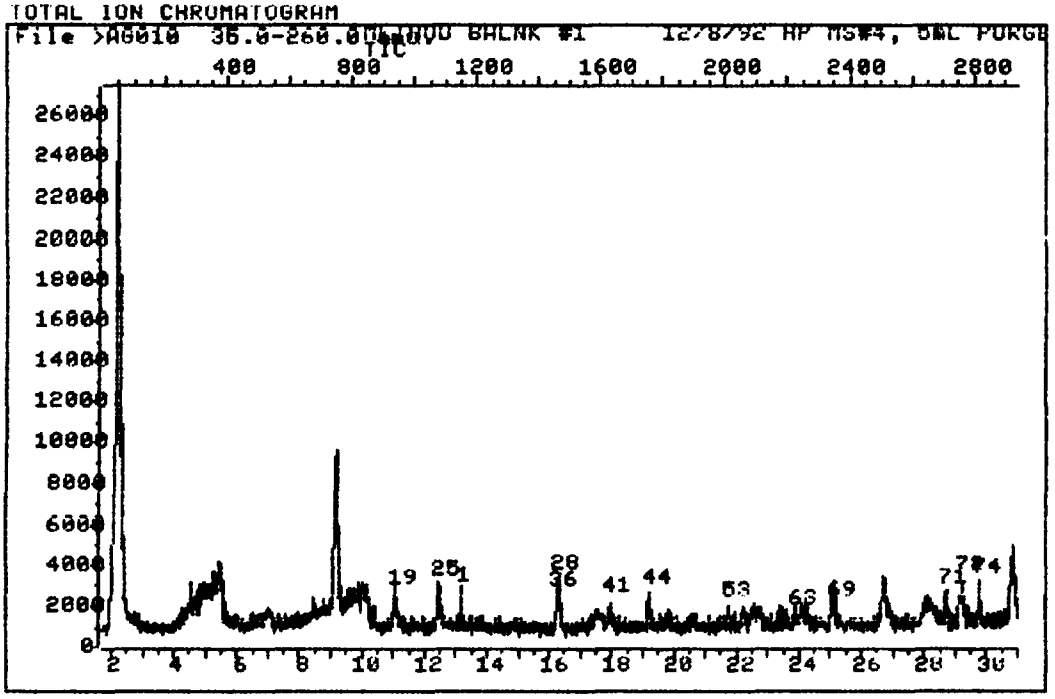
ID File: IDAG01::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921222 09:38
Last Qcal Time: <none>

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*FLUOROBENZENE	13.13	96.0	3780	10.00	UG/L	89
19)	2-Butanone	11.06	43.0	8224	80.99	UG/L	74
25)	BENZENE-D6	12.44	84.0	4061	10.96	UG/L	90
28)	*TOLUENE-D8	16.27	98.0	3305	10.00	UG/L	86
36)	4-Methyl-2-pentanone	16.23	43.0	3024	22.30	UG/L	96
41)	2-Hexanone	17.93	43.0	2394	20.27	UG/L	88
44)	*CHLOROBENZENE-D5	19.18	117.0	2169	10.00	UG/L	89
53)	p-BROMOFLUOROBENZENE	21.72	174.0	819	8.61	UG/L	83
63)	sec-Butylbenzene	23.87	105.0	1110	3.42	UG/L	96
69)	n-Butylbenzene	25.14	91.0	1340	5.04	UG/L	92
71)	1,2,4-Trichlorobenzene	28.66	180.0	1429	17.31	UG/L	84
72)	Naphthalene	29.19	128.0	3821	28.79	UG/L	100
74)	1,2,3-Trichlorobenzene	29.75	180.0	1521	19.78	UG/L	94

* Compound is ISTD

NOT used

TOTAL ION CHROMATOGRAM



Data File: >AG010::D6 Quant Output File: ^AG010::D6
Name: METHOD BALNK #1 Instrument ID: HP MSD#1
Misc: 12/8/92 HP MS#4, 5mL PURGE

Id File: IDAG01::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921222 09:38 Last Qcal Time: <none>

Operator ID: KELLY
Quant Time : 921222 09:39
Injected at: 921208 15:54

Calibration Check Report

Title: VOC 74 COMPOUNDS
Calibrated: 921209 09:43

Check Standard Data File: >AG015
Injection Time: 921209 10:38

Compound	$\overline{RF}$	RF	%Diff	Calib Meth	
Dichlorodifluoromethane	.18084	.18815	4.04	Average	
Chloromethane	.24488	.25844	5.54	Average	
Vinyl chloride	.23098	.25373	9.85	Average	
Bromomethane	.10973	.11511	4.90	Average	
Chloroethane	.06317	.06978	10.48	Average	
Trichlorofluoromethane	.28765	.23017	19.98	Average	
Acrolein	.01637	.01908	16.51	Average	(Conc=250.00)
1,1-Dichloroethene	.21837	.22753	4.19	Average	
Acetone	.24086	.28706	19.18	Average	(Conc=250.00)
Carbon disulfide	.67300	.78739	17.00	Average	
Methylene chloride	.11356	.12991	14.40	Average	
trans-1,2-Dichloroethene	.21432	.22945	7.06	Average	
Acrylonitrile	.09330	.11038	18.31	Average	(Conc=250.00)
1,1-Dichloroethane	.44078	.47554	7.89	Average	
Vinyl acetate	.25744	.38335	48.91	Average	(Conc=100.00)
2,2-Dichloropropane	.35191	.42150	19.78	Average	
cis-1,2-Dichloroethene	.26994	.32808	21.54	Average	
2-Butanone	.26863	.31267	16.40	Average	(Conc=250.00)
Bromochloromethane	.13360	.16167	21.00	Average	
Chloroform	.47735	.57491	20.44	Average	
1,1,1-Trichloroethane	.33736	.40290	19.43	Average	
Carbon tetrachloride	.25472	.31780	24.76	Average	
1,1-Dichloropropene	.35043	.41942	19.69	Average	
BENZENE-D6	.98031	1.09575	11.78	Average	(Conc=10.00)
Benzene	.90379	1.12771	24.78	Average	
1,2-Dichloroethane	.39432	.48192	22.22	Average	
Trichloroethene	.33903	.34060	.46	Average	
1,2-Dichloropropane	.33922	.38252	12.76	Average	
Dibromomethane	.21127	.23865	12.96	Average	
Bromodichloromethane	.37568	.43828	16.64	Average	
cis-1,3-Dichloropropene	.21970	.26353	19.95	Average	
Toluene	.57094	.65914	15.45	Average	
4-Methyl-2-pentanone	.41026	.50234	22.44	Average	(Conc=100.00)
trans-1,3-Dichloropropene	.15690	.18972	20.92	Average	
Tetrachloroethene	.27284	.30503	11.80	Average	
1,1,2-Trichloroethane	.02264	.02534	11.93	Average	
1,3-Dichloropropane	.44040	.52018	18.11	Average	
2-Hexanone	.35738	.42597	19.08	Average	(Conc=100.00)
Dibromochloromethane	.25554	.30673	20.03	Average	
1,2-Dibromoethane	.25633	.30103	17.44	Average	

RF - Response Factor from daily standard file at 50.00 UG/L

$\overline{RF}$ - Average Response Factor from Initial Calibration

%Diff - % Difference from original average or curve

Calibration Check Report

Title: VOC 74 COMPOUNDS
Calibrated: 921209 09:43

Check Standard Data File: >AG015
Injection Time: 921209 10:38

Compound	$\overline{RF}$	RF	%Diff	Calib Meth	
Chlorobenzene	.89531	1.01934	13.85	Average	
1,1,1,2-Tetrachloroethane	.28949	.36249	25.22	Average	
Ethylbenzene	1.48838	1.72822	16.11	Average	
m &/or p-Xylene	.50212	.58734	16.97	Average	(Conc=100.00)
o-Xylene	.51651	.60294	16.73	Average	
Styrene	.69721	.81689	17.17	Average	
Bromoform	.23430	.28830	23.05	Average	
Isopropylbenzene	1.38806	1.62302	16.93	Average	
p-BROMOFLUOROBENZENE	.43872	.43404	1.07	Average	(Conc=10.00)
Bromobenzene	.38382	.42815	11.55	Average	
1,2,3-Trichloropropane	.35272	.43410	23.07	Average	
1,1,2,2-Tetrachloroethane	.35675	.54063	51.55	Average	
n-Propylbenzene	.34304	.39342	14.69	Average	
2-Chlorotoluene	.33432	.37364	11.76	Average	
4-Chlorotoluene	.32158	.36962	14.94	Average	
1,3,5-Trimethylbenzene	1.06025	1.23381	16.37	Average	
tert-Butylbenzene	.91363	1.05999	16.02	Average	
1,2,4-Trimethylbenzene	1.06327	1.24508	17.17	Average	
sec-Butylbenzene	1.49704	1.71384	14.48	Average	
1,3-Dichlorobenzene	.66067	.73117	10.67	Average	
1,4-Dichlorobenzene	.52248	.58817	12.57	Average	
p-Isopropyltoluene	1.07805	1.25504	16.42	Average	
1,2-DICHLOROBENZENE-D4	.45522	.43886	3.59	Average	(Conc=10.00)
1,2-Dichlorobenzene	.63142	.69782	10.52	Average	
n-Butylbenzene	1.22635	1.40455	14.53	Average	
1,2-Dibromo-3-chloropropane	.06386	.09396	47.14	Average	
1,2,4-Trichlorobenzene	.38059	.41026	7.80	Average	
Naphthalene	.61186	.73472	20.08	Average	
Hexachlorobutadiene	.33641	.36797	9.38	Average	
1,2,3-Trichlorobenzene	.35447	.38057	7.36	Average	

RF - Response Factor from daily standard file at 50.00 UG/L

$\overline{RF}$ - Average Response Factor from Initial Calibration

%Diff - % Difference from original average or curve

QUANT REPORT

Operator ID: KELLY Quant Rev: 7 Quant Time: 921209 11:11
Output File: ^AG015::D3 Injected at: 921209 10:38
Data File: >AG015::D6 Dilution Factor: 1.00000
Name: 50 PPB CONT. CAL STD Instrument ID: HP MSD#1
Misc: 12/9/92 HP MS#4, 5mL PURGE

ID File: IDNF2D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921203 13:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*FLUOROBENZENE	13.14	96.0	31142	10.00	UG/L	99
2)	Dichlorodifluoromethane	2.50	85.0	29297	4.53	UG/L	97
3)	Chloromethane	2.89	50.0	40241	3.60	UG/L	90
4)	Vinyl chloride	3.16	62.0	39509	6.03	UG/L	91
5)	Bromomethane	3.97	94.0	17923	4.68	UG/L	96
6)	Chloroethane	4.28	64.0	10866	10.66	UG/L	84
7)	Trichlorofluoromethane	4.96	101.0	35839	5.62	UG/L	94
8)	Acrolein	6.44	56.0	14853	177.52	UG/L	94
9)	1,1-Dichloroethene	6.44	96.0	35428	34.76	UG/L	92
10)	Acetone	6.95	43.0	223487	201.66	UG/L	98
11)	Carbon disulfide	6.74	76.0	122605	44.95	UG/L	99
12)	Methylene chloride	7.93	84.0	20229	17.57	UG/L	94
13)	trans-1,2-Dichloroethene	8.51	96.0	35727	36.13	UG/L	96
14)	Acrylonitrile	8.68	53.0	85936	216.31	UG/L	92
15)	1,1-Dichloroethane	9.52	63.0	74047	36.04	UG/L	97
16)	Vinyl acetate	9.87	43.0	119383	78.09	UG/L	100
17)	2,2-Dichloropropane	10.74	77.0	65632	57.51	UG/L	97
18)	cis-1,2-Dichloroethene	10.83	96.0	51086	66.50	UG/L	94
19)	2-Butanone	11.03	43.0	243432	309.21	UG/L	69
20)	Bromochloromethane	11.31	128.0	25173	79.90	UG/L	98
21)	Chloroform	11.59	83.0	89519	68.92	UG/L	95
22)	1,1,1-Trichloroethane	11.75	97.0	62736	66.82	UG/L	93
23)	Carbon tetrachloride	12.06	117.0	49485	68.61	UG/L	97
24)	1,1-Dichloropropene	12.12	75.0	65308	75.60	UG/L	98
25)	BENZENE-D6	12.45	84.0	34124	22.66	UG/L	97
26)	Benzene	12.52	78.0	175595	86.58	UG/L	98
27)	1,2-Dichloroethane	12.66	62.0	75040	68.77	UG/L	98
28)	*TOLUENE-D8	16.27	98.0	28521	10.00	UG/L	89
29)	Trichloroethene	13.86	95.0	48571	42.04	UG/L	88
30)	1,2-Dichloropropane	14.31	63.0	54549	42.81	UG/L	99
31)	Dibromomethane	14.55	174.0	34032	40.96	UG/L	97
32)	2-Chloroethyl vinylether	15.49	63.0	1380	1380.00	NO CALIB	98
33)	Bromodichloromethane	14.95	83.0	62490	42.12	UG/L	99
34)	cis-1,3-Dichloropropene	15.82	75.0	37580	22.26	UG/L	93
35)	Toluene	16.40	92.0	93997	41.83	UG/L	93
36)	4-Methyl-2-pentanone	16.21	43.0	143273	89.90	UG/L	87
37)	trans-1,3-Dichloropropene	16.99	75.0	27055	19.12	UG/L	96
38)	Tetrachloroethene	17.46	166.0	43499	40.14	UG/L	99
39)	1,1,2-Trichloroethane	17.32	132.0	3613	41.44	UG/L	96
40)	1,3-Dichloropropane	17.63	76.0	74180	43.17	UG/L	99

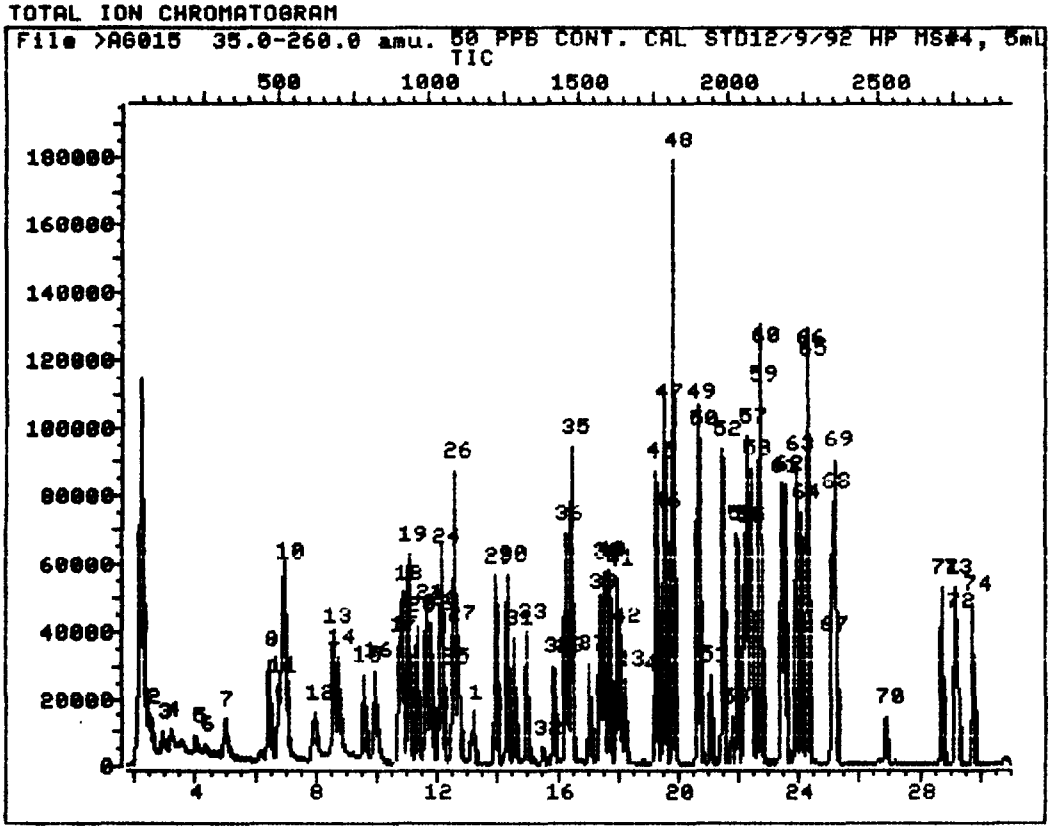
Operator ID: KELLY Quant Rev: 7 Quant Time: 921209 11:11
Output File: ^AG015::D3 Injected at: 921209 10:38
Data File: >AG015::D6 Dilution Factor: 1.00000
Name: 50 PPB CONT. CAL STD Instrument ID: HP MSD#1
Misc: 12/9/92 HP MS#4, 5mL PURGE

ID File: IDNF2D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921203 13:33

	Compound	R.T.	Q ion	Area	Conc	Units	q
41)	2-Hexanone	17.91	43.0	121378	85.80	UG/L	85
42)	Dibromochloromethane	18.07	129.0	43741	41.06	UG/L	98
43)	1,2-Dibromoethane	18.22	107.0	42929	42.44	UG/L	99
44)	*CHLOROBENZENE-D5	19.18	117.0	19701	10.00	UG/L	98
45)	Chlorobenzene	19.24	112.0	100410	42.90	UG/L	91
46)	1,1,1,2-Tetrachloroethane	19.47	131.0	55707	43.77	UG/L	97
47)	Ethylbenzene	19.52	91.0	170238	43.75	UG/L	95
48)	m &/or p-Xylene	19.78	106.0	115712	85.65	UG/L	79
49)	o-Xylene	20.59	106.0	59393	43.05	UG/L	93
50)	Styrene	20.64	104.0	80468	43.20	UG/L	91
51)	Bromoform	21.00	173.0	28399	43.27	UG/L	97
52)	Isopropylbenzene	21.40	105.0	159876	41.68	UG/L	94
53)	p-BROMOFLUOROBENZENE	21.71	174.0	8551	8.44	UG/L	98
54)	Bromobenzene	21.96	156.0	42175	41.58	UG/L	99
55)	1,2,3-Trichloropropane	22.20	75.0	42761	45.25	UG/L	83
56)	1,1,2,2-Tetrachloroethane	22.19	83.0	53255	47.08	UG/L	99
57)	n-Propylbenzene	22.30	120.0	38754	42.57	UG/L	99
58)	2-Chlorotoluene	22.42	126.0	36805	42.07	UG/L	89
59)	4-Chlorotoluene	22.67	126.0	36409	41.48	UG/L	89
60)	1,3,5-Trimethylbenzene	22.71	105.0	121536	41.71	UG/L	85
61)	tert-Butylbenzene	23.38	119.0	104414	43.78	UG/L	83
62)	1,2,4-Trimethylbenzene	23.50	105.0	122725	38.95	UG/L	89
63)	sec-Butylbenzene	23.87	105.0	168822	42.50	UG/L	92
64)	1,3-Dichlorobenzene	24.05	146.0	72024	40.82	UG/L	91
65)	1,4-Dichlorobenzene	24.26	146.0	57938	41.10	UG/L	95
66)	p-Isopropyltoluene	24.23	119.0	123628	41.71	UG/L	90
67)	1,2-DICHLOROBENZENE-D4	25.01	152.0	8646	8.02	UG/L	94
68)	1,2-Dichlorobenzene	25.05	146.0	68739	40.85	UG/L	90
69)	n-Butylbenzene	25.15	91.0	138355	40.81	UG/L	89
70)	1,2-Dibromo-3-chloropropane	26.85	157.0	9256	49.29	UG/L	94
71)	1,2,4-Trichlorobenzene	28.67	180.0	40413	36.94	UG/L	97
72)	Naphthalene	29.19	128.0	72374	39.92	UG/L	100
73)	Hexachlorobutadiene	29.11	225.0	36247	40.38	UG/L	96
74)	1,2,3-Trichlorobenzene	29.75	180.0	37488	36.48	UG/L	96

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >AG015::D6 Quant Output File: ^AG015::D3
Name: 50 PPB CONT. CAL STD Instrument ID: HP MSD#1
Misc: 12/9/92 HP MS#4, 5mL PURGE

Id File: IDNF2D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921203 13:33

Operator ID: KELLY
Quant Time : 921209 11:11
Injected at: 921209 10:38

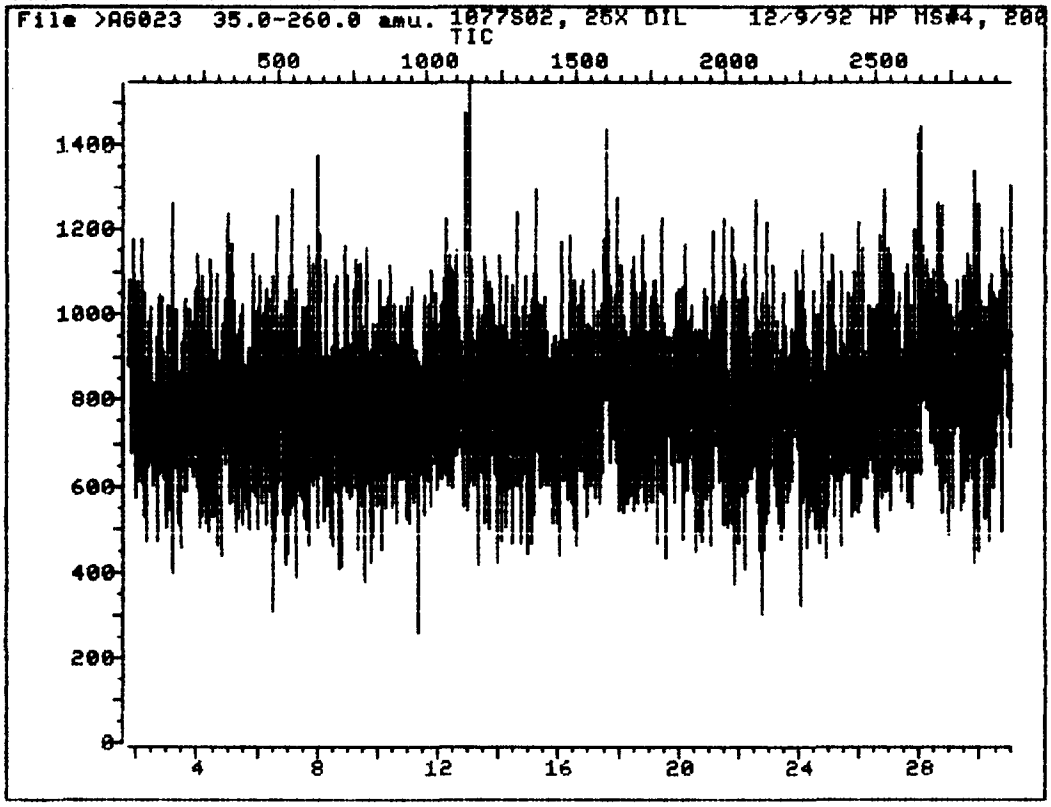
QUANT REPORT

Operator ID: KELLY
Quant Rev: 7
Quant Time: 921209 17:26
Output File: ^AG023::D3
Injected at: 921209 16:53
Data File: >AG023::D6
Dilution Factor: 1.00000
Name: 1077S02, 25X DIL
Instrument ID: HP MSD#1
Misc: 12/9/92 HP MS#4, 200mL/5mL PURGE

ID File: IDAG1B::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22
Last Qcal Time: 921209 11:18

Compound	R.T.	Q ion	Area	Conc	Units	q

TOTAL ION CHROMATOGRAM



Data File: >AG023::D6 Quant Output File: ^AG023::D3
Name: 1077S02, 25X DIL Instrument ID: HP MSD#1
Misc: 12/9/92 HP MS#4, 200mL/5mL PURGE

Id File: IDAG1B::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921209 11:18

Operator ID: KELLY
Quant Time : 921209 17:26
Injected at: 921209 16:53

Calibration Check Report

Title: VOC 74 COMPOUNDS
Calibrated: 930106 10:12

Check Standard Data File: >AG030
Injection Time: 921210 11:53

Compound	$\overline{RF}$	RF	%Diff	Calib Meth	
Dichlorodifluoromethane	.18084	.18338	1.40	Average	
Chloromethane	.24488	.26728	9.15	Average	
Vinyl chloride	.23098	.23843	3.23	Average	
Bromomethane	.10973	.11448	4.34	Average	
Chloroethane	.06317	.08039	27.26	Average	
Trichlorofluoromethane	.20765	.22039	23.38	Average	
Acrolein	.01637	.02063	25.98	Average	(Conc=250.00)
1,1-Dichloroethene	.21837	.22192	1.62	Average	
Acetone	.24086	.31086	29.07	Average	(Conc=250.00)
Carbon disulfide	.67300	.58098	13.67	Average	
Methylene chloride	.11356	.11199	1.38	Average	
trans-1,2-Dichloroethene	.21432	.22582	5.36	Average	
Acrylonitrile	.09330	.12014	28.78	Average	(Conc=250.00)
1,1-Dichloroethane	.44078	.46877	6.35	Average	
Vinyl acetate	.25744	.41983	63.08	Average	(Conc=100.00)
2,2-Dichloropropane	.35191	.38983	10.78	Average	
cis-1,2-Dichloroethene	.26994	.31119	15.28	Average	
2-Butanone	.26863	.39382	46.61	Average	(Conc=250.00)
Bromochloromethane	.13360	.12367	7.43	Average	
Chloroform	.47735	.54526	14.23	Average	
1,1,1-Trichloroethane	.33736	.38070	12.85	Average	
Carbon tetrachloride	.25472	.28383	11.43	Average	
1,1-Dichloropropene	.35843	.38928	11.09	Average	
BENZENE-D6	.98031	1.08378	10.55	Average	(Conc=10.00)
Benzene	.90379	1.07923	19.41	Average	
1,2-Dichloroethane	.39432	.46990	19.17	Average	
Trichloroethene	.33983	.32761	3.37	Average	
1,2-Dichloropropane	.33922	.38238	12.72	Average	
Dibromomethane	.21127	.21925	3.78	Average	
2-Chloroethyl vinylether	-	-	-	Average	
Bromodichloromethane	.37568	.43144	14.84	Average	
cis-1,3-Dichloropropene	.43592	.51632	18.45	Average	(Conc=25.20)
Toluene	.57094	.63558	11.32	Average	
4-Methyl-2-pentanone	.41026	.56018	36.52	Average	(Conc=100.00)
trans-1,3-Dichloropropene	.35179	.42215	20.00	Average	(Conc=22.30)
Tetrachloroethene	.27284	.27911	2.30	Average	
1,1,2-Trichloroethane	.02264	.02428	7.25	Average	
1,3-Dichloropropane	.44040	.52397	18.98	Average	
2-Hexanone	.35738	.49003	37.12	Average	(Conc=100.00)
Dibromochloromethane	.25554	.29330	14.78	Average	

RF - Response Factor from daily standard file at 50.00 UG/L

$\overline{RF}$ - Average Response Factor from Initial Calibration

%Diff - % Difference from original average or curve

Calibration Check Report

Title: VOC 74 COMPOUNDS
Calibrated: 930106 10:12

Check Standard Data File: >AG030
Injection Time: 921210 11:53

Compound	$\overline{RF}$	RF	%Diff	Calib Meth	
1,2-Dibromoethane	.25633	.30719	19.84	Average	
Chlorobenzene	.89531	.95311	6.46	Average	
1,1,1,2-Tetrachloroethane	.28949	.33121	14.41	Average	
Ethylbenzene	1.48838	1.66998	12.20	Average	
m &/or p-Xylene	.50212	.56207	11.94	Average	(Conc=100.00)
o-Xylene	.51651	.56654	9.69	Average	
Styrene	.69721	.78472	12.55	Average	
Bromoform	.23438	.26862	14.65	Average	
Isopropylbenzene	1.38806	1.53356	10.48	Average	
p-BROMOFLUOROBENZENE	.43872	.40771	7.07	Average	(Conc=10.00)
Bromobenzene	.38382	.39254	2.27	Average	
1,2,3-Trichloropropane	.35272	.45118	27.91	Average	
1,1,2,2-Tetrachloroethane	.35675	.57892	62.28	Average	
n-Propylbenzene	.34384	.36781	6.99	Average	
2-Chlorotoluene	.33432	.34936	4.50	Average	
4-Chlorotoluene	.32158	.34312	6.70	Average	
1,3,5-Trimethylbenzene	1.06025	1.23809	16.77	Average	
tert-Butylbenzene	.91363	.99242	8.62	Average	
1,2,4-Trimethylbenzene	1.06327	1.25194	17.74	Average	
sec-Butylbenzene	1.49704	1.63940	9.51	Average	
1,3-Dichlorobenzene	.66067	.69934	5.85	Average	
1,4-Dichlorobenzene	.52248	.56761	8.64	Average	
p-Isopropyltoluene	1.07805	1.19781	11.11	Average	
1,2-DICHLOROBENZENE-D4	.45522	.44129	3.06	Average	(Conc=10.00)
1,2-Dichlorobenzene	.63142	.66977	6.07	Average	
n-Butylbenzene	1.22635	1.40013	14.17	Average	
1,2-Dibromo-3-chloropropane	.06386	.09969	56.09	Average	
1,2,4-Trichlorobenzene	.38059	.42107	10.64	Average	
Naphthalene	.61186	.89189	45.77	Average	
Hexachlorobutadiene	.33641	.32182	4.57	Average	
1,2,3-Trichlorobenzene	.35447	.40143	13.25	Average	

RF - Response Factor from daily standard file at 50.00 UG/L

$\overline{RF}$ - Average Response Factor from Initial Calibration

%Diff - % Difference from original average or curve

Calibration Check Report

Title: VOC 74 COMPOUNDS
Calibrated: 921209 09:43

Check Standard Data File: >AG030
Injection Time: 921210 11:53

Compound	$\overline{RF}$	RF	%Diff	Calib Meth	
Dichlorodifluoromethane	.18084	.18338	1.40	Average	
Chloromethane	.24408	.26728	9.15	Average	
Vinyl chloride	.23098	.23843	3.23	Average	
Bromomethane	.10973	.11448	4.34	Average	
Chloroethane	.06317	.08039	27.26	Average	
Trichlorofluoromethane	.28765	.22039	23.38	Average	
Acrolein	.01637	.02063	25.98	Average	(Conc=250.00)
1,1-Dichloroethene	.21837	.22192	1.62	Average	
Acetone	.24086	.31086	29.07	Average	(Conc=250.00)
Carbon disulfide	.67300	.58098	13.67	Average	
Methylene chloride	.11356	.11199	1.38	Average	
trans-1,2-Dichloroethene	.21432	.22502	5.36	Average	
Acrylonitrile	.09330	.12014	28.78	Average	(Conc=250.00)
1,1-Dichloroethane	.44078	.46877	6.35	Average	
Vinyl acetate	.25744	.41983	63.08	Average	(Conc=100.00)
2,2-Dichloropropane	.35191	.38983	10.78	Average	
cis-1,2-Dichloroethene	.26994	.31119	15.28	Average	
2-Butanone	.26863	.39382	46.61	Average	(Conc=250.00)
Bromochloromethane	.13360	.12367	7.43	Average	
Chloroform	.47735	.54526	14.23	Average	
1,1,1-Trichloroethane	.33736	.38070	12.85	Average	
Carbon tetrachloride	.25472	.28383	11.43	Average	
1,1-Dichloropropene	.35843	.38928	11.09	Average	
BENZENE-D6	.98031	1.08378	10.55	Average	(Conc=10.00)
Benzene	.98379	1.07923	19.41	Average	
1,2-Dichloroethane	.39432	.46990	19.17	Average	
Trichloroethene	.33903	.32761	3.37	Average	
1,2-Dichloropropane	.33922	.38238	12.72	Average	
Dibromomethane	.21127	.21925	3.78	Average	
Bromodichloromethane	.37568	.43144	14.84	Average	
cis-1,3-Dichloropropene	.21970	.26023	18.45	Average	
Toluene	.57094	.63558	11.32	Average	
4-Methyl-2-pentanone	.41026	.56010	36.52	Average	(Conc=100.00)
trans-1,3-Dichloropropene	.15690	.18828	20.00	Average	
Tetrachloroethene	.27284	.27911	2.30	Average	
1,1,2-Trichloroethane	.02264	.02428	7.25	Average	
1,3-Dichloropropane	.44040	.52397	18.98	Average	
2-Hexanone	.35738	.49003	37.12	Average	(Conc=100.00)
Dibromochloromethane	.25554	.29330	14.78	Average	
1,2-Dibromoethane	.25633	.30719	19.84	Average	

RF - Response Factor from daily standard file at 50.00 UG/L

$\overline{RF}$ - Average Response Factor from Initial Calibration

%Diff - % Difference from original average or curve

Calibration Check Report

Title: VOC 74 COMPOUNDS
Calibrated: 921209 09:43

Check Standard Data File: >AG030
Injection Time: 921210 11:53

Compound	$\overline{RF}$	RF	%Diff	Calib Meth	
Chlorobenzene	.89531	.95311	6.46	Average	
1,1,1,2-Tetrachloroethane	.28949	.33121	14.41	Average	
Ethylbenzene	1.48838	1.66998	12.20	Average	
m &/or p-Xylene	.50212	.56207	11.94	Average	(Conc=100.00)
o-Xylene	.51651	.56654	9.69	Average	
Styrene	.69721	.78472	12.55	Average	
Bromoform	.23430	.26862	14.65	Average	
Isopropylbenzene	1.38806	1.53356	10.48	Average	
p-BROMOFLUOROBENZENE	.43872	.40771	7.07	Average	(Conc=10.00)
Bromobenzene	.38302	.39254	2.27	Average	
1,2,3-Trichloropropane	.35272	.45118	27.91	Average	
1,1,2,2-Tetrachloroethane	.35675	.57892	62.28	Average	*
n-Propylbenzene	.34304	.36701	6.99	Average	
2-Chlorotoluene	.33432	.34936	4.50	Average	
4-Chlorotoluene	.32150	.34312	6.70	Average	
1,3,5-Trimethylbenzene	1.06825	1.23809	16.77	Average	
tert-Butylbenzene	.91363	.99242	8.62	Average	
1,2,4-Trimethylbenzene	1.06327	1.25194	17.74	Average	
sec-Butylbenzene	1.49704	1.63940	9.51	Average	
1,3-Dichlorobenzene	.66067	.69934	5.85	Average	
1,4-Dichlorobenzene	.52248	.56761	8.64	Average	
p-Isopropyltoluene	1.07805	1.19781	11.11	Average	
1,2-DICHLOROBENZENE-D4	.45522	.44129	3.06	Average	(Conc=10.00)
1,2-Dichlorobenzene	.63142	.66977	6.07	Average	
n-Butylbenzene	1.22635	1.40013	14.17	Average	
1,2-Dibromo-3-chloropropane	.06386	.09969	56.09	Average	*
1,2,4-Trichlorobenzene	.38059	.42107	10.64	Average	
Naphthalene	.61186	.89189	45.77	Average	*
Hexachlorobutadiene	.33641	.32102	4.57	Average	
1,2,3-Trichlorobenzene	.35447	.40143	13.25	Average	

RF - Response Factor from daily standard file at 50.00 UG/L

$\overline{RF}$ - Average Response Factor from Initial Calibration

%Diff - % Difference from original average or curve

QUANT REPORT

Operator ID: KELLY Quant Rev: 7 Quant Time: 921210 12:26
Output File: ^AG030::D6 Injected at: 921210 11:53
Data File: >AG030::D4 Dilution Factor: 1.00000
Name: 50 PPB 624 VOC STD Instrument ID: HP MSD#1
Misc: 12/10/92

ID File: IDAG1B::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921209 11:18

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	13.10	1140	28430	10.00	UG/L	98
2)	Dichlorodifluoromethane	2.46	73	26067	62.39	UG/L	99
3)	Chloromethane	2.85	112	37994	59.63	UG/L	94
4)	Vinyl chloride	3.11	138	33893	55.92	UG/L	96
5)	Bromomethane	3.92	220	16274	57.73	UG/L	96
6)	Chloroethane	4.23	251	11427	68.63	UG/L	93
7)	Trichlorofluoromethane	4.90	318	31329	54.85	UG/L	92
8)	Acrolein	6.38	466	14661	288.65	UG/L	96
9)	1,1-Dichloroethene	6.38	466	31546	48.68	UG/L	99
10)	Acetone	6.89	517	220944	292.30	UG/L	96
11)	Carbon disulfide	6.69	497	82587	37.44	UG/L	99
12)	Methylene chloride	7.86	615	15920	44.70	UG/L	80
13)	trans-1,2-Dichloroethene	8.46	675	32100	51.31	UG/L	95
14)	Acrylonitrile	8.64	693	85392	303.51	UG/L	93
15)	1,1-Dichloroethane	9.47	776	66636	49.67	UG/L	99
16)	Vinyl acetate	9.81	810	119359	106.58	UG/L	100
17)	2,2-Dichloropropane	10.68	897	55415	47.47	UG/L	99
18)	cis-1,2-Dichloroethene	10.77	906	44235	49.08	UG/L	96
19)	2-Butanone	10.98	927	279911	341.10	UG/L	70
20)	Bromochloromethane	11.25	955	17580	39.81	UG/L	96
21)	Chloroform	11.53	983	77509	48.98	UG/L	93
22)	1,1,1-Trichloroethane	11.70	1000	54117	48.50	UG/L	94
23)	Carbon tetrachloride	12.00	1030	40347	46.60	UG/L	92
24)	1,1-Dichloropropene	12.06	1036	55336	48.94	UG/L	99
25)	BENZENE-D6	12.39	1069	30812	9.91	UG/L	96
26)	Benzene	12.46	1076	153413	49.51	UG/L	99
27)	1,2-Dichloroethane	12.61	1091	66797	50.05	UG/L	99
28)	*TOLUENE-D8	16.23	1455	25118	10.00	UG/L	90
29)	Trichloroethene	13.81	1212	41145	48.01	UG/L	84
30)	1,2-Dichloropropane	14.27	1258	48023	49.11	UG/L	95
31)	Dibromomethane	14.51	1282	27536	47.41	UG/L	97
33)	Bromodichloromethane	14.90	1321	54185	49.63	UG/L	99
34)	cis-1,3-Dichloropropene	15.78	1410	32682	25.59	UG/L	94
35)	Toluene	16.36	1468	79823	48.91	UG/L	93
36)	4-Methyl-2-pentanone	16.17	1449	140686	119.98	UG/L	87
37)	trans-1,3-Dichloropropene	16.96	1528	23646	22.56	UG/L	98
38)	Tetrachloroethene	17.41	1574	35053	47.37	UG/L	99
39)	1,1,2-Trichloroethane	17.28	1560	3049	51.21	UG/L	97
40)	1,3-Dichloropropane	17.59	1592	65806	52.09	UG/L	99
41)	2-Hexanone	17.87	1620	123087	133.36	UG/L	84

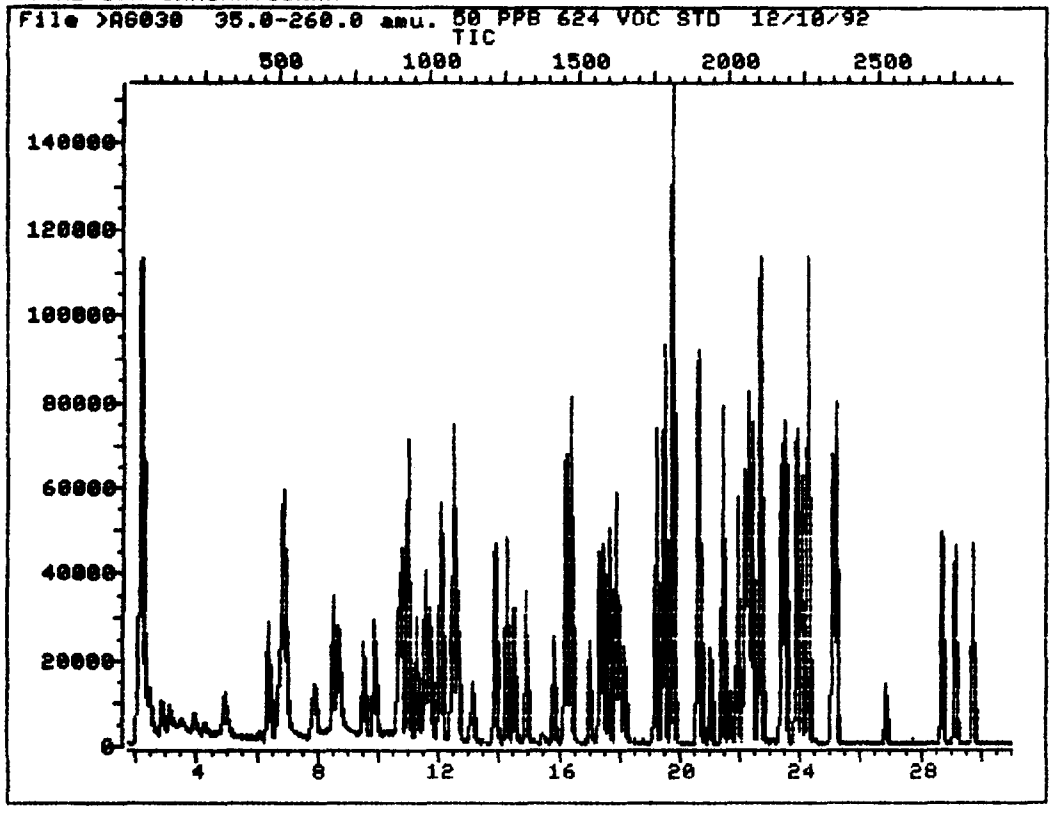
Operator ID: KELLY Quant Rev: 7 Quant Time: 921210 12:26
Output File: ^AG030::D6 Injected at: 921210 11:53
Data File: >AG030::D4 Dilution Factor: 1.00000
Name: 50 PPB 624 VOC STD Instrument ID: HP MSD#1
Misc: 12/10/92

ID File: IDAG1B::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921209 11:18

	Compound	R.T.	Scan#	Area	Conc	Units	q
42)	Dibromochloromethane	18.03	1636	36836	49.02	UG/L	97
43)	1,2-Dibromoethane	18.18	1651	38580	50.25	UG/L	97
44)	*CHLOROBENZENE-D5	19.15	1748	17483	10.00	UG/L	93
45)	Chlorobenzene	19.21	1754	83316	48.86	UG/L	88
46)	1,1,1,2-Tetrachloroethane	19.44	1777	28953	49.18	UG/L	95
47)	Ethylbenzene	19.49	1782	145981	50.46	UG/L	93
48)	m &/or p-Xylene	19.73	1807	98267	98.73	UG/L	80
49)	o-Xylene	20.56	1890	49524	49.42	UG/L	90
50)	Styrene	20.61	1895	68596	49.68	UG/L	91
51)	Bromoform	20.97	1931	23481	50.34	UG/L	96
52)	Isopropylbenzene	21.38	1972	134056	49.41	UG/L	95
53)	p-BROMOFLUOROBENZENE	21.68	2002	7128	9.37	UG/L	98
54)	Bromobenzene	21.93	2028	34314	48.44	UG/L	98
55)	1,2,3-Trichloropropane	22.17	2052	39440	55.11	UG/L	81
56)	1,1,2,2-Tetrachloroethane	22.15	2050	50606	56.82	UG/L	97
57)	n-Propylbenzene	22.26	2061	32082	49.15	UG/L	97
58)	2-Chlorotoluene	22.38	2073	30539	49.34	UG/L	90
59)	4-Chlorotoluene	22.64	2099	29994	47.79	UG/L	86
60)	1,3,5-Trimethylbenzene	22.68	2103	108228	50.56	UG/L	83
61)	tert-Butylbenzene	23.37	2172	86752	49.73	UG/L	83
62)	1,2,4-Trimethylbenzene	23.48	2183	109438	50.35	UG/L	86
63)	sec-Butylbenzene	23.85	2220	143308	49.19	UG/L	91
64)	1,3-Dichlorobenzene	24.02	2237	61133	48.27	UG/L	92
65)	1,4-Dichlorobenzene	24.24	2259	49618	49.11	UG/L	94
66)	p-Isopropyltoluene	24.21	2256	104707	49.21	UG/L	87
67)	1,2-DICHLOROBENZENE-D4	24.99	2335	7715	9.81	UG/L	87
68)	1,2-Dichlorobenzene	25.02	2338	58548	48.09	UG/L	93
69)	n-Butylbenzene	25.12	2348	122392	50.57	UG/L	86
70)	1,2-Dibromo-3-chloropropane	26.81	2518	8714	58.74	UG/L	99
71)	1,2,4-Trichlorobenzene	28.64	2702	36808	50.43	UG/L	93
72)	Naphthalene	29.16	2754	77965	61.75	UG/L	100
73)	Hexachlorobutadiene	29.08	2746	28062	44.93	UG/L	97
74)	1,2,3-Trichlorobenzene	29.72	2810	35091	51.74	UG/L	96

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >AG030::D4 Quant Output File: ^AG030::D6
Name: 50 PPB 624 VOC STD Instrument ID: HP MSD#1
Misc: 12/10/92

Id File: IDAG1B::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921209 11:18

Operator ID: KELLY
Quant Time : 921210 12:26
Injected at: 921210 11:53

QUANT REPORT

Operator ID: KELLY
Output File: ^AG046::D1
Data File: >AG046::D4
Name: METHOD BLANK 1
Misc: 12/14/92 5ML

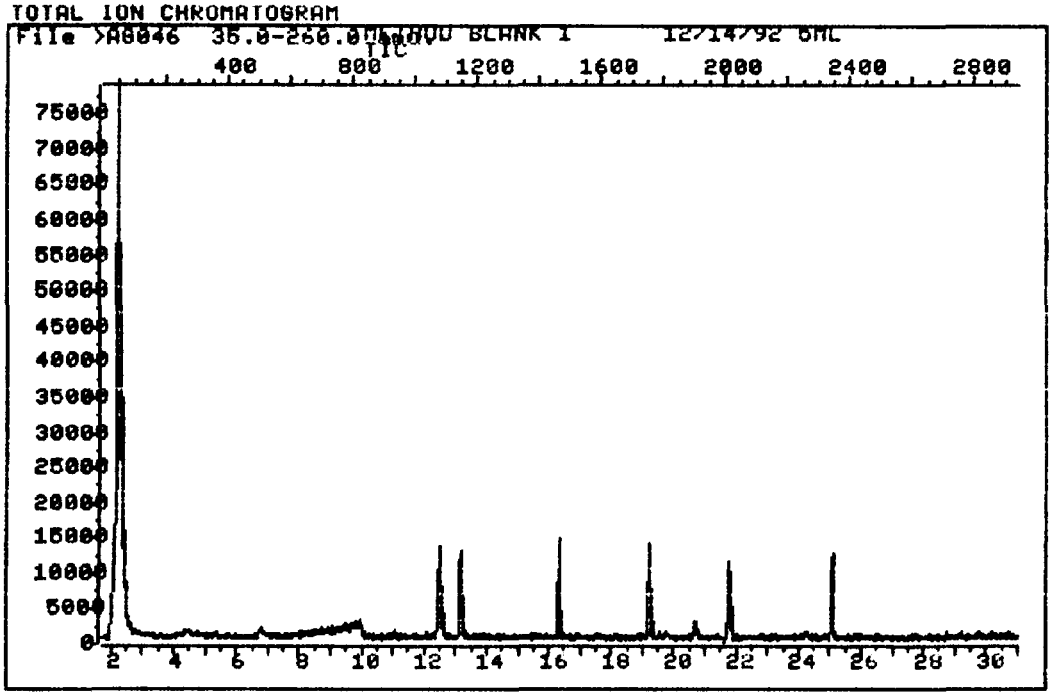
Quant Rev: 7
Quant Time: 921214 12:00
Injected at: 921214 11:27
Dilution Factor: 1.00000
Instrument ID: HP MSD#1

ID File: IDAG1B::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22
Last Qcal Time: 921214 10:24

	Compound	R.T.	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	13.15	1147	25553	10.00	UG/L	95
10)	Acetone	6.92	521	1818	2.56	UG/L	78
11)	Carbon disulfide	6.76	505	6515	3.70	UG/L	98
19)	2-Butanone	11.03	933	2228	2.59	UG/L	67
25)	BENZENE-D6	12.46	1077	28704	10.05	UG/L	97
26)	Benzene	12.53	1084	2772	.950	UG/L	99
28)	*TOLUENE-D8	16.29	1462	23113	10.00	UG/L	94
44)	*CHLOROBENZENE-D5	19.20	1755	16877	10.00	UG/L	93
47)	Ethylbenzene	19.52	1787	1381	.503	UG/L	79
50)	Styrene	20.66	1902	3003	2.22	UG/L	92
53)	p-BROMOFLUOROBENZENE	21.73	2009	7497	9.81	UG/L	98
67)	1,2-DICHLOROBENZENE-D4	25.03	2341	7977	10.26	UG/L	90
72)	Naphthalene	29.20	2760	1018	.781	UG/L	100

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >AG046::D4 Quant Output File: ^AG046::D1
Name: METHOD BLANK 1 Instrument ID: HP MSD#1
Misc: 12/14/92 5ML

Id File: IDAG1B::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921214 10:24

Operator ID: KELLY
Quant Time : 921214 12:00
Injected at: 921214 11:27

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

93SV01S11

Lab Name:CRL SE ROCKFORD Contract:5ESD-10C

Lab Code: 5SCRL Case No.: SF-1077 SAS No.: | the S SDG No.: | the S

Matrix: (soil/water) WATER Lab Sample ID: 93SV01S11

Sample wt/vol: 0.25 (g/mL) mL Lab File ID: >AG061

Level: (low/med) LOW Date Received: 12/15/92

% Moisture: not dec.---- Date Analyzed: 12/16/92

Column: (pack/cap) CAP Dilution Factor: 1.00000

Final extract Volume: -- (uL) Conversion Factor: 1.0000

Aliquot Volume: -- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	60.	U
74-87-3	Chloromethane	60.	U
75-01-4	Vinyl chloride	60.	U
74-83-9	Bromomethane	60.	U
75-00-3	Chloroethane	60.	U
75-69-4	Trichlorofluoromethane	60.	U
107-64-1	Acrolein	200.	U
75-35-4	1,1-Dichloroethene	40.	U
67-64-1	Acetone	200.	U
75-15-0	Carbon disulfide	40.	U
75-09-2	Methylene chloride	40.	U
156-60-5	trans-1,2-Dichloroethene	40.	U
107-13-1	Acrylonitrile	200.	U
75-34-3	1,1-Dichloroethane	30.	J
108-05-4	Vinylacetate	200.	U
594-20-7	2,2-Dichloropropane	40.	U
156-59-2	cis-1,2-Dichloroethene	89.	
78-93-3	2-Butanone	200.	U
74-97-5	Bromochloromethane	40.	U
67-66-3	Chloroform	40.	U
71-55-6	1,1,1-trichloroethane	180.	
56-23-5	Carbon tetrachloride	31.	J
563-58-6	1,1-Dichloropropene	40.	U
71-43-2	Benzene	40.	U
107-06-2	1,2-Dichloroethane	40.	U
79-01-6	Trichloroethene	76.	
78-87-5	1,2-Dichloropropane	40.	U
74-95-3	Dibromomethane	40.	U
75-27-4	Bromodichloromethane	40.	U
10061-01-5	cis-1,3-dichloropropene	40.	U
108-88-3	Toluene	40.	U
108-10-1	4-Methyl-2-pentanone	100.	U
10061-02-6	trans-1,3-Dichloropropene	40.	U
127-18-4	Tetrachloroethene	51.	
79-00-5	1,1,2-Trichloroethane	40.	U
142-28-9	1,3-Dichloropropane	40.	U
591-78-6	2-Hexanone	100.	U

Are there any TICs ? (Please check a box) YES |__| NO |__|

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

93SV01S11

Lab Name:CRL SE ROCKFORD Contract:5ESD-10C

Lab Code: 5SCRL Case No.: SF-1077 SAS No.: | the S SDG No.: | the S

Matrix: (soil/water) WATER Lab Sample ID: 93SV01S11

Sample wt/vol: 0.25 (g/mL) mL Lab File ID: >AG061

Level: (low/med) LOW Date Received: 12/15/92

% Moisture: not dec.---- Date Analyzed: 12/16/92

Column: (pack/cap) CAP Dilution Factor: 1.00000

Final extract Volume: -- (uL) Conversion Factor: 1.0000

Aliquot Volume: -- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
124-48-1	Dibromochloromethane	40.	U
106-93-4	1,2-Dibromoethane	40.	U
108-90-7	Chlorobenzene	40.	U
630-20-6	1,1,1,2-Tetrachloroethane	40.	U
100-41-4	Ethylbenzene	40.	U
1083836423	m &/or p-Xylene	40.	U
95-47-6	o-Xylene	40.	U
100-42-5	Styrene	40.	U
75-25-2	Bromoform	40.	U
98-82-8	Isopropylbenzene	40.	U
108-86-1	Bromobenzene	40.	U
96-18-4	1,2,3-Trichloropropane	40.	U
79-34-5	1,1,2,2-Tetrachloroethane	40.	U
103-65-1	n-Propylbenzene	40.	U
95-49-8	2-Chlorotoluene	40.	U
106-43-4	4-Chlorotoluene	40.	U
108-67-8	1,3,5-Trimethylbenzene	40.	U
98-06-6	tert-Butylbenzene	40.	U
95-63-6	1,2,4-Trimethylbenzene	40.	U
135-98-8	sec-Butylbenzene	40.	U
541-73-1	1,3-Dichlorobenzene	40.	U
106-46-7	1,4-Dichlorobenzene	40.	U
99-87-6	p-Isopropyltoluene	40.	U
95-50-1	1,2-Dichlorobenzene	40.	U
104-51-8	n-Butylbenzene	40.	U
96-12-8	1,2-Dibromo-3-chloropropane	40.	U
120-82-1	1,2,4-Trichlorobenzene	40.	U
91-20-3	Naphthalene	40.	U
87-68-3	Hexachlorobutadiene	40.	U
87-61-6	1,2,3-Trichlorobenzene	40.	U

Data Qualifiers: U = Compounds were analyzed but not detected. The value reported is the method detection limit for reagent water; J = Estimated; D=Diluted Sample; X = Result rejected for failing mass spectral confirmation; E = Concentration exceeded calibration range; B_ = Contaminant found in laboratory method blank; ARE THERE TICs ? (Circle) YES/NO

QUANT REPORT

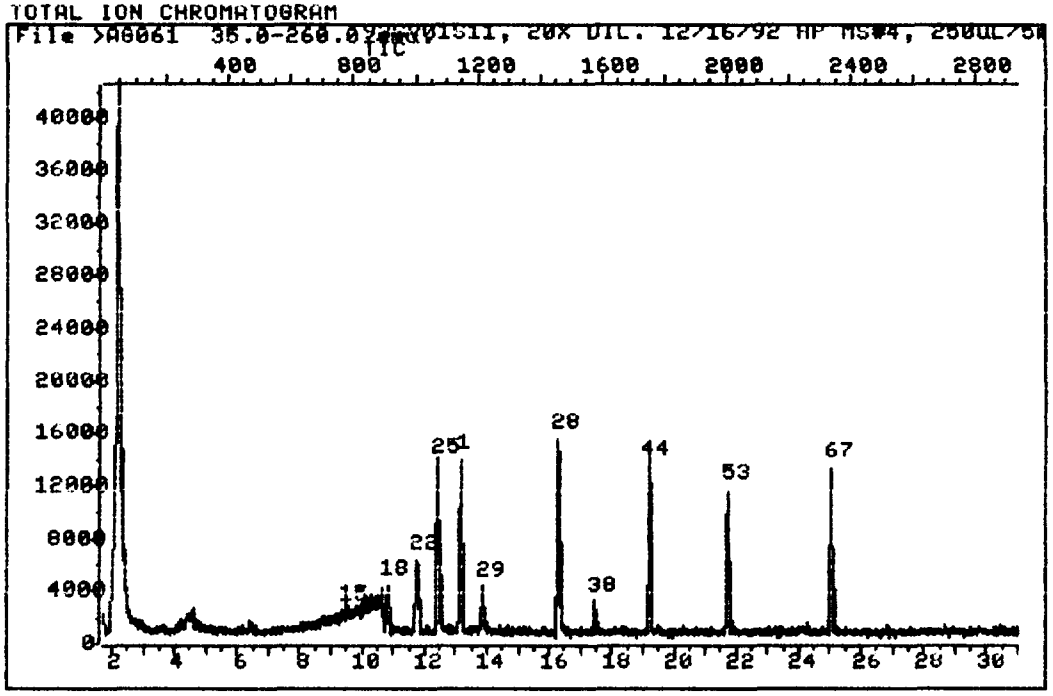
Operator ID: STEVE Quant Rev: 7 Quant Time: 921216 13:34
Output File: ^AG061::D3 Injected at: 921216 13:00
Data File: >AG061::D6 Dilution Factor: 1.00000
Name: 93SV01S11, 20X DIL. Instrument ID: HP MSD#1
Misc: 12/16/92 HP MS#4, 250uL/5mL PURGE

ID File: IDAG1C::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

	Compound	Q ion	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	96.0	1143	26330	10.00	UG/L	94
15)	1,1-Dichloroethane	63.0	778	1891	1.51	UG/L	96
18)	cis-1,2-Dichloroethene	96.0	909	3771	4.43	UG/L	79
22)	1,1,1-Trichloroethane	97.0	1001	9686	9.07	UG/L	98
23)	Carbon tetrachloride	117.0	1001	1292	1.56	UG/L	89
25)	BENZENE-D6	84.0	1071	29019	10.11	UG/L	98
28)	*TOLUENE-D8	98.0	1458	23414	10.00	UG/L	96
29)	Trichloroethene	95.0	1215	3175	3.82	UG/L	71
38)	Tetrachloroethene	166.0	1577	1748	2.54	UG/L	91
44)	*CHLOROBENZENE-D5	117.0	1750	17275	10.00	UG/L	98
53)	p-BROMOFLUOROBENZENE	174.0	2006	7409	10.15	UG/L	98
67)	1,2-DICHLOROBENZENE-D4	152.0	2338	7811	10.03	UG/L	87

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >AG061::D6 Quant Output File: ^AG061::D3
Name: 93SV01S11, 20X DIL. Instrument ID: HP MSD#1
Misc: 12/16/92 HP MS#4, 250uL/5mL PURGE

Id File: IDAG1C::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

Operator ID: STEVE
Quant Time : 921216 13:34
Injected at: 921216 13:00

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

93SV01S06

Lab Name:CRL SE ROCKFORD Contract:5ESD-10C

Lab Code: 5SCRL Case No.: SF-1077 SAS No.: | the S SDG No.: | the S

Matrix: (soil/water) WATER Lab Sample ID: 93SV01S06

Sample wt/vol: 2.50 (g/mL) mL Lab File ID: >AG065

Level: (low/med) LOW Date Received: 12/15/92

% Moisture: not dec.---- Date Analyzed: 12/16/92

Column: (pack/cap) CAP Dilution Factor: 1.00000

Final extract Volume: -- (uL) Conversion Factor: 1.0000

Aliquot Volume: -- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	6.	U
74-87-3	Chloromethane	6.	U
75-01-4	Vinyl chloride	6.	U
74-83-9	Bromomethane	6.	U
75-00-3	Chloroethane	6.	U
75-69-4	Trichlorofluoromethane	6.	U
107-64-1	Acrolein	20.	U
75-35-4	1,1-Dichloroethene	10.	
67-64-1	Acetone	20.	U
75-15-0	Carbon disulfide	4.	U
75-09-2	Methylene chloride	4.	U
156-60-5	trans-1,2-Dichloroethene	4.	U
107-13-1	Acrylonitrile	20.	U
75-34-3	1,1-Dichloroethane	30.	
108-05-4	Vinylacetate	20.	U
594-20-7	2,2-Dichloropropane	4.	U
156-59-2	cis-1,2-Dichloroethene	43.	
78-93-3	2-Butanone	20.	U
74-97-5	Bromochloromethane	4.	U
67-66-3	Chloroform	4.	U
71-55-6	1,1,1-trichloroethane	120.	
56-23-5	Carbon tetrachloride	21.	
563-58-6	1,1-Dichloropropene	4.	U
71-43-2	Benzene	4.	U
107-06-2	1,2-Dichloroethane	4.	U
79-01-6	Trichloroethene	15.	
78-87-5	1,2-Dichloropropane	4.	U
74-95-3	Dibromomethane	4.	U
75-27-4	Bromodichloromethane	4.	U
10061-01-5	cis-1,3-dichloropropene	4.	U
108-88-3	Toluene	4.	U
108-10-1	4-Methyl-2-pentanone	10.	U
10061-02-6	trans-1,3-Dichloropropene	4.	U
127-18-4	Tetrachloroethene	4.	
79-00-5	1,1,2-Trichloroethane	4.	U
142-28-9	1,3-Dichloropropane	4.	U
591-78-6	2-Hexanone	10.	U

Are there any TICs ? (Please check a box) YES |__| NO |__|

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

93SV01S06

Lab Name: CRL SE ROCKFORD Contract: 5ESD-10C

Lab Code: 5SCRL Case No.: SF-1077 SAS No.: | the S SDG No.: | the S

Matrix: (soil/water) WATER Lab Sample ID: 93SV01S06

Sample wt/vol: 2.50 (g/mL) mL Lab File ID: >AG065

Level: (low/med) LOW Date Received: 12/15/92

% Moisture: not dec.---- Date Analyzed: 12/16/92

Column: (pack/cap) CAP Dilution Factor: 1.00000

Final extract Volume: -- (uL) Conversion Factor: 1.0000

Aliquot Volume: -- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
124-48-1	Dibromochloromethane	4.	U
106-93-4	1,2-Dibromoethane	4.	U
108-90-7	Chlorobenzene	4.	U
630-20-6	1,1,1,2-Tetrachloroethane	4.	U
100-41-4	Ethylbenzene	4.	U
1083836423	m &/or p-Xylene	4.	U
95-47-6	o-Xylene	4.	U
100-42-5	Styrene	4.	U
75-25-2	Bromoform	4.	U
98-82-8	Isopropylbenzene	4.	U
108-86-1	Bromobenzene	4.	U
96-18-4	1,2,3-Trichloropropane	4.	U
79-34-5	1,1,2,2-Tetrachloroethane	4.	U
103-65-1	n-Propylbenzene	4.	U
95-49-8	2-Chlorotoluene	4.	U
106-43-4	4-Chlorotoluene	4.	U
108-67-8	1,3,5-Trimethylbenzene	4.	U
98-06-6	tert-Butylbenzene	4.	U
95-63-6	1,2,4-Trimethylbenzene	4.	U
135-98-8	sec-Butylbenzene	4.	U
541-73-1	1,3-Dichlorobenzene	4.	U
106-46-7	1,4-Dichlorobenzene	4.	U
99-87-6	p-Isopropyltoluene	4.	U
95-50-1	1,2-Dichlorobenzene	4.	U
104-51-8	n-Butylbenzene	4.	U
96-12-8	1,2-Dibromo-3-chloropropane	4.	U
120-82-1	1,2,4-Trichlorobenzene	4.	U
91-20-3	Naphthalene	4.	U
87-68-3	Hexachlorobutadiene	4.	U
87-61-6	1,2,3-Trichlorobenzene	4.	U

Data Qualifiers: U = Compounds were analyzed but not detected. The value reported is the method detection limit for reagent water; J = Estimated; D=Diluted Sample; X = Result rejected for failing mass spectral confirmation; E = Concentration exceeded calibration range; B_ = Contaminant found in laboratory method blank; ARE THERE TICs ? (Circle) YES/NO

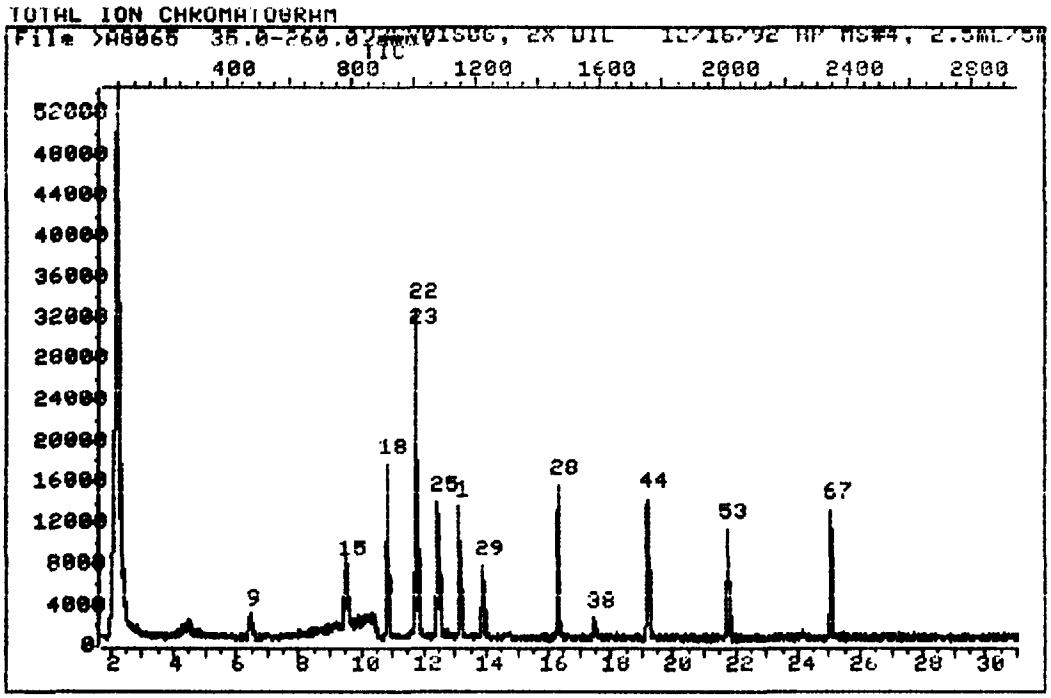
QUANT REPORT

Operator ID: KELLY Quant Rev: 7 Quant Time: 921216 16:12
Output File: ^AG065::D3 Injected at: 921216 15:39
Data File: >AG065::D6 Dilution Factor: 1.00000
Name: 93SV01S06, 2X DIL Instrument ID: HP MSD#1
Misc: 12/16/92 HP MS#4, 2.5mL/5mL PURGE

ID File: IDAG1C::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

	Compound	Q ion	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	96.0	1144	26424	10.00	UG/L	99
9)	1,1-Dichloroethene	96.0	470	2953	4.89	UG/L	89
15)	1,1-Dichloroethane	63.0	780	18982	15.10	UG/L	94
18)	cis-1,2-Dichloroethene	96.0	910	18419	21.56	UG/L	87
22)	1,1,1-Trichloroethane	97.0	1004	62315	58.16	UG/L	96
23)	Carbon tetrachloride	117.0	1006	8651	10.44	UG/L	83
25)	BENZENE-D6	84.0	1073	29424	10.21	UG/L	99
28)	*TOLUENE-D8	98.0	1460	23230	10.00	UG/L	93
29)	Trichloroethene	95.0	1216	6090	7.39	UG/L	82
38)	Tetrachloroethene	166.0	1578	1490	2.18	UG/L	97
44)	*CHLOROBENZENE-D5	117.0	1753	16932	10.00	UG/L	99
53)	p-BROMOFLUOROBENZENE	174.0	2007	7395	10.33	UG/L	91
67)	1,2-DICHLOROBENZENE-D4	152.0	2340	7876	10.32	UG/L	97

* Compound is ISTD



Data File: >AG065::D6 Quant Output File: ^AG065::D3
Name: 93SV01S06, 2X DIL Instrument ID: HP MSD#1
Misc: 12/16/92 HP MS#4, 2.5mL/5mL PURGE

Id File: IDAG1C::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

Operator ID: KELLY
Quant Time : 921216 16:12
Injected at: 921216 15:39

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

93SV01D06

Lab Name:CRL SE ROCKFORD Contract:5ESD-10C

Lab Code: 5SCRL Case No.: SF-1077 SAS No.: | the S SDG No.: | the S

Matrix: (soil/water) WATER Lab Sample ID: 93SV01D06

Sample wt/vol: 2.50 (g/mL) mL Lab File ID: >AG066

Level: (low/med) LOW Date Received: 12/15/92

% Moisture: not dec.---- Date Analyzed: 12/16/92

Column: (pack/cap) CAP Dilution Factor: 1.00000

Final extract Volume: -- (uL) Conversion Factor: 1.0000

Aliquot Volume: -- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	6.	U
74-87-3	Chloromethane	6.	U
75-01-4	Vinyl chloride	6.	U
74-83-9	Bromomethane	6.	U
75-00-3	Chloroethane	6.	U
75-69-4	Trichlorofluoromethane	6.	U
107-64-1	Acrolein	20.	U
75-35-4	1,1-Dichloroethene	10.	
67-64-1	Acetone	20.	U
75-15-0	Carbon disulfide	4.	U
75-09-2	Methylene chloride	4.	U
156-60-5	trans-1,2-Dichloroethene	4.	U
107-13-1	Acrylonitrile	20.	U
75-34-3	1,1-Dichloroethane	29.	
108-05-4	Vinylacetate	20.	U
594-20-7	2,2-Dichloropropane	4.	U
156-59-2	cis-1,2-Dichloroethene	42.	
78-93-3	2-Butanone	20.	U
74-97-5	Bromochloromethane	4.	U
67-66-3	Chloroform	1.	J
71-55-6	1,1,1-trichloroethane	110.	
56-23-5	Carbon tetrachloride	20.	
563-58-6	1,1-Dichloropropene	4.	U
71-43-2	Benzene	4.	U
107-06-2	1,2-Dichloroethane	4.	U
79-01-6	Trichloroethene	15.	
78-87-5	1,2-Dichloropropane	4.	U
74-95-3	Dibromomethane	4.	U
75-27-4	Bromodichloromethane	4.	U
10061-01-5	cis-1,3-dichloropropene	4.	U
108-88-3	Toluene	4.	U
108-10-1	4-Methyl-2-pentanone	10.	U
10061-02-6	trans-1,3-Dichloropropene	4.	U
127-18-4	Tetrachloroethene	4.	
79-00-5	1,1,2-Trichloroethane	4.	U
142-28-9	1,3-Dichloropropane	4.	U
591-78-6	2-Hexanone	10.	U

Are there any TICs ? (Please check a box) YES |__| NO |__|

1A-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

93SV01D06

Lab Name:CRL SE ROCKFORD Contract:5ESD-10C

Lab Code: 5SCRL Case No.: SF-1077 SAS No.: | the S SDG No.: | the S

Matrix: (soil/water) WATER Lab Sample ID: 93SV01D06

Sample wt/vol: 2.50 (g/mL) mL Lab File ID: >AG066

Level: (low/med) LOW Date Received: 12/15/92

% Moisture: not dec.---- Date Analyzed: 12/16/92

Column: (pack/cap) CAP Dilution Factor: 1.00000

Final extract Volume: -- (uL) Conversion Factor: 1.0000

Aliquot Volume: -- (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
124-48-1	Dibromochloromethane	4.	U
106-93-4	1,2-Dibromoethane	4.	U
108-90-7	Chlorobenzene	4.	U
630-20-6	1,1,1,2-Tetrachloroethane	4.	U
100-41-4	Ethylbenzene	4.	U
1083836423	m &/or p-Xylene	4.	U
95-47-6	o-Xylene	4.	U
100-42-5	Styrene	4.	U
75-25-2	Bromoform	4.	U
98-82-8	Isopropylbenzene	4.	U
108-86-1	Bromobenzene	4.	U
96-18-4	1,2,3-Trichloropropane	4.	U
79-34-5	1,1,2,2-Tetrachloroethane	4.	U
103-65-1	n-Propylbenzene	4.	U
95-49-8	2-Chlorotoluene	4.	U
106-43-4	4-Chlorotoluene	4.	U
108-67-8	1,3,5-Trimethylbenzene	4.	U
98-06-6	tert-Butylbenzene	4.	U
95-63-6	1,2,4-Trimethylbenzene	4.	U
135-98-8	sec-Butylbenzene	4.	U
541-73-1	1,3-Dichlorobenzene	4.	U
106-46-7	1,4-Dichlorobenzene	4.	U
99-87-6	p-Isopropyltoluene	4.	U
95-50-1	1,2-Dichlorobenzene	4.	U
104-51-8	n-Butylbenzene	4.	U
96-12-8	1,2-Dibromo-3-chloropropane	4.	U
120-82-1	1,2,4-Trichlorobenzene	4.	U
91-20-3	Naphthalene	4.	U
87-68-3	Hexachlorobutadiene	4.	U
87-61-6	1,2,3-Trichlorobenzene	4.	U

Data Qualifiers: U = Compounds were analyzed but not detected. The value reported is the method detection limit for reagent water; J = Estimated; D=Diluted Sample; X = Result rejected for failing mass spectral confirmation; E = Concentration exceeded calibration range; B_ = Contaminant found in laboratory method blank; ARE THERE TICs ? (Circle) YES/NO

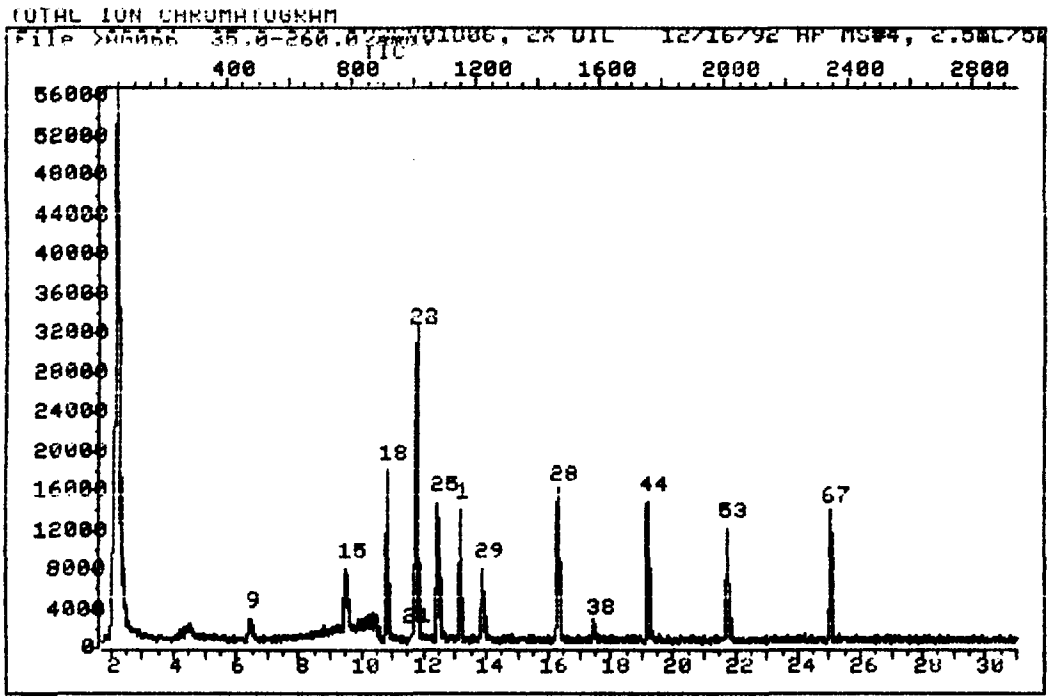
QUANT REPORT

Operator ID: KELLY Quant Rev: 7 Quant Time: 921216 16:49
Output File: ^AG066::D3 Injected at: 921216 16:16
Data File: >AG066::D6 Dilution Factor: 1.00000
Name: 93SV01D06, 2X DIL Instrument ID: HP MSD#1
Misc: 12/16/92 HP MS#4, 2.5mL/5mL PURGE

ID File: IDAG1C::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

	Compound	Q ion	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	96.0	1144	27921	10.00	UG/L	96
9)	1,1-Dichloroethene	96.0	469	3159	4.95	UG/L	98
15)	1,1-Dichloroethane	63.0	779	19502	14.68	UG/L	95
18)	cis-1,2-Dichloroethene	96.0	910	18783	20.81	UG/L	98
21)	Chloroform	83.0	986	1022	.627	UG/L	80
22)	1,1,1-Trichloroethane	97.0	1005	62216	54.95	UG/L	96
23)	Carbon tetrachloride	117.0	1005	8671	9.90	UG/L	88
25)	BENZENE-D6	84.0	1074	30814	10.12	UG/L	97
28)	*TOLUENE-D8	98.0	1459	24137	10.00	UG/L	97
29)	Trichloroethene	95.0	1216	6336	7.40	UG/L	85
38)	Tetrachloroethene	166.0	1579	1440	2.03	UG/L	87
44)	*CHLOROBENZENE-D5	117.0	1752	18101	10.00	UG/L	97
53)	p-BROMOFLUOROBENZENE	174.0	2007	7858	10.27	UG/L	98
67)	1,2-DICHLOROBENZENE-D4	152.0	2339	8345	10.23	UG/L	90

* Compound is ISTD



Data File: >AG066::D6 Quant Output File: ^AG066::D3
Name: 93SV01D06, 2X DIL Instrument ID: HP MSD#1
Misc: 12/16/92 HP MS#4, 2.5mL/5mL PURGE

Id File: IDAG1C::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

Operator ID: KELLY
Quant Time : 921216 16:49
Injected at: 921216 16:16

QUANT REPORT

Operator ID: STEVE Quant Rev: 7 Quant Time: 921218 10:37
Output File: ^AG074::D3 Injected at: 921218 10:04
Data File: >AG074::D6 Dilution Factor: 1.00000
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/18/92, HP MS#4, 5mL PURGE

ID File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

	Compound	Q ion	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	96.0	1117	8317	10.00	UG/L	91
2)	Dichlorodifluoromethane	85.0	91	24915	183.36	UG/L	99
3)	Chloromethane	50.0	128	48321	222.46	UG/L	85
4)	Vinyl chloride	62.0	160	43400	221.64	UG/L	99
5)	Bromomethane	94.0	242	18672	221.93	UG/L	98
6)	Chloroethane	64.0	275	16246	317.30	UG/L	95
7)	Trichlorofluoromethane	101.0	344	61106	347.05	UG/L	94
8)	Acrolein	56.0	496	17244	1103.92	UG/L	94
9)	1,1-Dichloroethene	96.0	495	53159	279.46	UG/L	96
10)	Acetone	43.0	552	108564	450.42	UG/L	99
11)	Carbon disulfide	76.0	532	92423	156.88	UG/L	98
12)	Methylene chloride	84.0	635	16411	147.75	UG/L	93
13)	trans-1,2-Dichloroethene	96.0	688	28103	146.86	UG/L	95
14)	Acrylonitrile	53.0	706	58339	641.82	UG/L	97
15)	1,1-Dichloroethane	63.0	782	55669	140.67	UG/L	99
16)	Vinyl acetate	43.0	813	82522	260.69	UG/L	100
17)	2,2-Dichloropropane	77.0	892	32743	113.06	UG/L	95
18)	cis-1,2-Dichloroethene	96.0	900	21867	81.34	UG/L	92
19)	2-Butanone	43.0	918	38537	142.97	UG/L	65
20)	Bromochloromethane	128.0	945	9581	72.94	UG/L	93
21)	Chloroform	83.0	972	36272	74.72	UG/L	93
22)	1,1,1-Trichloroethane	97.0	987	26441	78.40	UG/L	92
23)	Carbon tetrachloride	117.0	1015	18231	69.87	UG/L	93
24)	1,1-Dichloropropene	75.0	1021	23131	67.14	UG/L	97
25)	BENZENE-D6	84.0	1053	11221	12.38	UG/L	85
26)	Benzene	78.0	1059	52359	55.51	UG/L	98
27)	1,2-Dichloroethane	62.0	1071	30033	74.86	UG/L	93
28)	*TOLUENE-D8	98.0	1390	3771	10.00	UG/L	94
29)	Trichloroethene	95.0	1181	11763	87.90	UG/L	75
30)	1,2-Dichloropropane	63.0	1222	11978	82.23	UG/L	94
31)	Dibromomethane	174.0	1244	5967	68.61	UG/L	96
33)	Bromodichloromethane	83.0	1279	13277	80.42	UG/L	98
34)	cis-1,3-Dichloropropene	75.0	1353	5305	27.36	UG/L	91
35)	Toluene	92.0	1400	10917	44.26	UG/L	95
36)	4-Methyl-2-pentanone	43.0	1390	20902	110.85	UG/L	77
37)	trans-1,3-Dichloropropene	75.0	1450	3367	20.62	UG/L	92
38)	Tetrachloroethene	166.0	1483	3396	30.58	UG/L	95
40)	1,3-Dichloropropane	76.0	1502	6041	30.95	UG/L	98
41)	2-Hexanone	43.0	1528	14781	97.26	UG/L	63
42)	Dibromochloromethane	129.0	1534	3975	34.65	UG/L	96

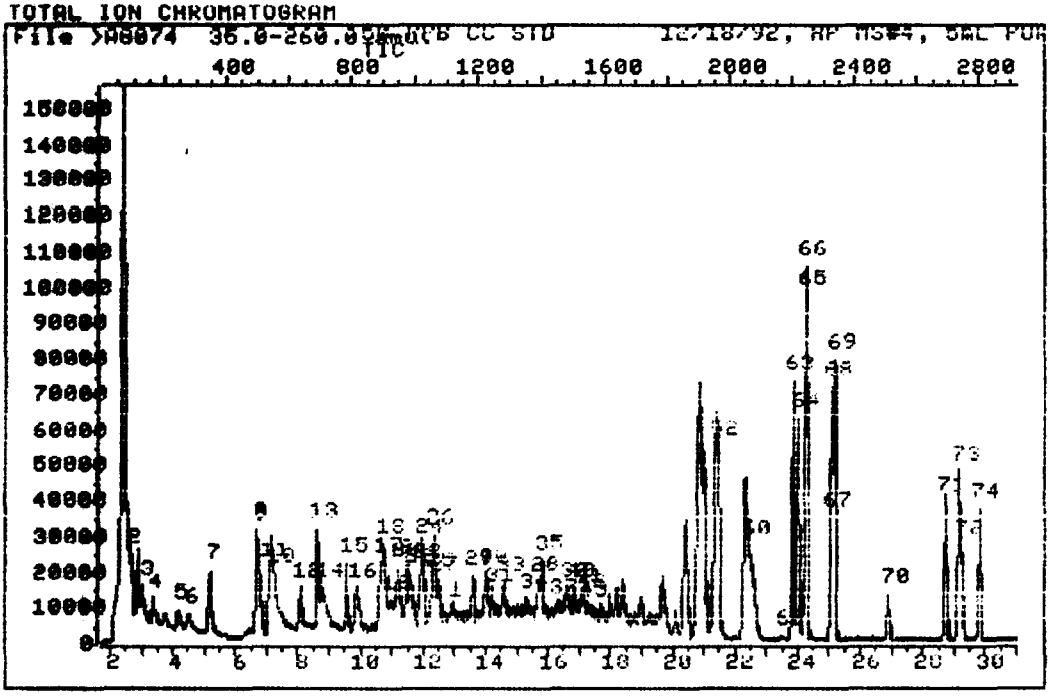
Operator ID: STEVE Quant Rev: 7 Quant Time: 921218 10:37
Output File: ^AG074::D3 Injected at: 921218 10:04
Data File: >AG074::D6 Dilution Factor: 1.00000
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/18/92, HP MS#4, 5mL PURGE

ID File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

	Compound	Q ion	Scan#	Area	Conc	Units	q
43)	1,2-Dibromoethane	107.0	1544	3391	29.22	UG/L	97
52)	Isopropylbenzene	105.0	1959	105755	105755.0	COUNTS	70
60)	1,3,5-Trimethylbenzene	105.0	2063	57347	57347.00	COUNTS	61
62)	1,2,4-Trimethylbenzene	105.0	2168	1512	1512.00	COUNTS	81
63)	sec-Butylbenzene	105.0	2199	156996	156996.0	COUNTS	91
64)	1,3-Dichlorobenzene	146.0	2217	66649	66649.00	COUNTS	91
65)	1,4-Dichlorobenzene	146.0	2240	54578	54578.00	COUNTS	94
66)	p-Isopropyltoluene	119.0	2242	111636	111636.0	COUNTS	88
67)	1,2-DICHLOROBENZENE-D4	152.0	2321	8521	8521.00	COUNTS	88
68)	1,2-Dichlorobenzene	146.0	2325	63033	63033.00	COUNTS	92
69)	n-Butylbenzene	91.0	2334	122834	122834.0	COUNTS	88
70)	1,2-Dibromo-3-chloropropane	157.0	2507	8288	8288.00	COUNTS	93
71)	1,2,4-Trichlorobenzene	180.0	2690	30175	30175.00	COUNTS	95
72)	Naphthalene	128.0	2742	41743	41743.00	COUNTS	100
73)	Hexachlorobutadiene	225.0	2734	32333	32333.00	COUNTS	97
74)	1,2,3-Trichlorobenzene	180.0	2799	27105	27105.00	COUNTS	95

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >AG074::D6 Quant Output File: ^AG074::D3
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/18/92, HP MS#4, 5mL PURGE

Id File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

Operator ID: STEVE
Quant Time : 921218 10:37
Injected at: 921218 10:04

QUANT REPORT

Operator ID: STEVE Quant Rev: 7 Quant Time: 921218 11:13
Output File: ^AG075::D3 Injected at: 921218 10:40
Data File: >AG075::D6 Dilution Factor: 1.00000
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/18/92, HP MS#4, 5mL PURGE

ID File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

	Compound	Q ion	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	96.0	1143	30289	10.00	UG/L	98
2)	Dichlorodifluoromethane	85.0	74	24951	50.42	UG/L	96
3)	Chloromethane	50.0	112	39296	49.67	UG/L	87
4)	Vinyl chloride	62.0	140	34354	48.18	UG/L	95
5)	Bromomethane	94.0	221	15082	49.22	UG/L	92
6)	Chloroethane	64.0	254	13473	72.25	UG/L	93
7)	Trichlorofluoromethane	101.0	323	49848	77.74	UG/L	99
8)	Acrolein	56.0	469	11551	203.05	UG/L	91
9)	1,1-Dichloroethene	96.0	470	28799	41.57	UG/L	95
10)	Acetone	43.0	528	198101	225.68	UG/L	97
11)	Carbon disulfide	76.0	502	88850	41.41	UG/L	99
12)	Methylene chloride	84.0	620	18946	46.84	UG/L	90
13)	trans-1,2-Dichloroethene	96.0	680	34129	48.97	UG/L	95
14)	Acrylonitrile	53.0	698	90373	273.01	UG/L	94
15)	1,1-Dichloroethane	63.0	779	73257	50.83	UG/L	96
16)	Vinyl acetate	43.0	813	58287	50.56	UG/L	100
17)	2,2-Dichloropropane	77.0	901	49194	46.64	UG/L	99
18)	cis-1,2-Dichloroethene	96.0	909	46018	47.00	UG/L	98
19)	2-Butanone	43.0	932	260548	265.42	UG/L	68
20)	Bromochloromethane	128.0	958	22557	47.16	UG/L	97
21)	Chloroform	83.0	986	88943	50.31	UG/L	95
22)	1,1,1-Trichloroethane	97.0	1002	59166	48.17	UG/L	95
23)	Carbon tetrachloride	117.0	1033	42496	44.72	UG/L	89
24)	1,1-Dichloropropene	75.0	1039	61377	48.92	UG/L	98
25)	BENZENE-D6	84.0	1072	33548	10.16	UG/L	96
26)	Benzene	78.0	1080	169434	49.32	UG/L	99
27)	1,2-Dichloroethane	62.0	1093	74840	51.22	UG/L	99
28)	*TOLUENE-D8	98.0	1458	27869	10.00	UG/L	90
29)	Trichloroethene	95.0	1215	72974	73.78	UG/L	80
30)	1,2-Dichloropropane	63.0	1261	54617	50.74	UG/L	91
31)	Dibromomethane	174.0	1284	30462	47.39	UG/L	98
32)	2-Chloroethyl vinylether	63.0	1378	2198	2198.00	NO CALIB	83
33)	Bromodichloromethane	83.0	1324	56158	46.03	UG/L	97
34)	cis-1,3-Dichloropropene	75.0	1413	33654	23.49	UG/L	92
35)	Toluene	92.0	1471	88838	48.73	UG/L	96
36)	4-Methyl-2-pentanone	43.0	1452	148083	106.26	UG/L	85
37)	trans-1,3-Dichloropropene	75.0	1530	24340	20.17	UG/L	99
38)	Tetrachloroethene	166.0	1576	38927	47.43	UG/L	98
39)	1,1,2-Trichloroethane	132.0	1562	2891	42.99	UG/L	97
40)	1,3-Dichloropropane	76.0	1594	70578	48.93	UG/L	98

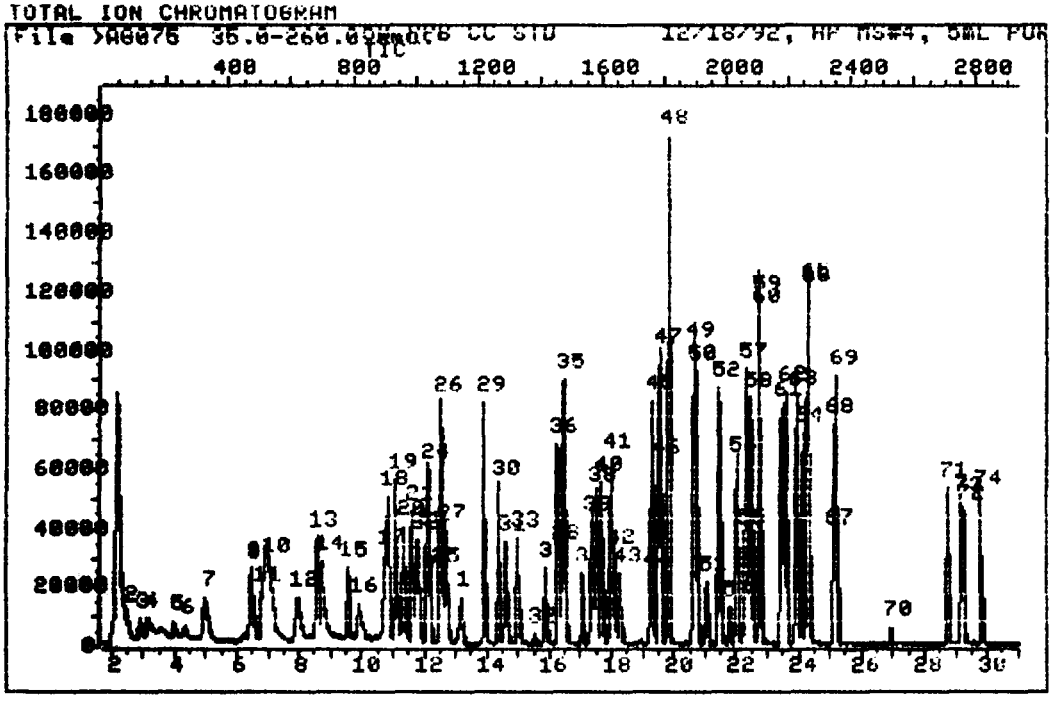
Operator ID: STEVE Quant Rev: 7 Quant Time: 921218 11:13
Output File: ^AG075::D3 Injected at: 921218 10:40
Data File: >AG075::D6 Dilution Factor: 1.00000
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/18/92, HP MS#4, 5mL PURGE

ID File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

	Compound	Q ion	Scan#	Area	Conc	Units	q
41)	2-Hexanone	43.0	1622	135425	120.58	UG/L	83
42)	Dibromochloromethane	129.0	1638	35966	42.42	UG/L	98
43)	1,2-Dibromoethane	107.0	1653	41089	47.91	UG/L	98
44)	*CHLOROBENZENE-D5	117.0	1750	18616	10.00	UG/L	97
45)	Chlorobenzene	112.0	1756	92687	49.89	UG/L	89
46)	1,1,1,2-Tetrachloroethane	131.0	1779	24884	38.57	UG/L	95
47)	Ethylbenzene	91.0	1784	161461	49.69	UG/L	93
48)	m &/or p-Xylene	106.0	1810	108522	99.00	UG/L	78
49)	o-Xylene	106.0	1892	55404	49.72	UG/L	91
50)	Styrene	104.0	1897	75883	50.02	UG/L	90
51)	Bromoform	173.0	1933	21990	41.20	UG/L	97
52)	Isopropylbenzene	105.0	1974	149027	49.54	UG/L	93
53)	p-BROMOFLUOROBENZENE	174.0	2005	7699	9.78	UG/L	98
54)	Bromobenzene	156.0	2029	37846	49.21	UG/L	96
55)	1,2,3-Trichloropropane	75.0	2054	41134	49.82	UG/L	77
56)	1,1,2,2-Tetrachloroethane	83.0	2053	3777	3.85	UG/L	96
57)	n-Propylbenzene	120.0	2063	35673	48.70	UG/L	98
58)	2-Chlorotoluene	126.0	2075	33767	49.08	UG/L	89
59)	4-Chlorotoluene	126.0	2101	33326	49.35	UG/L	85
60)	1,3,5-Trimethylbenzene	105.0	2105	118481	48.98	UG/L	83
61)	tert-Butylbenzene	119.0	2173	95092	48.88	UG/L	81
62)	1,2,4-Trimethylbenzene	105.0	2185	122541	49.15	UG/L	86
63)	sec-Butylbenzene	105.0	2222	160919	49.64	UG/L	89
64)	1,3-Dichlorobenzene	146.0	2239	66723	48.67	UG/L	92
65)	1,4-Dichlorobenzene	146.0	2260	54593	49.54	UG/L	96
66)	p-Isopropyltoluene	119.0	2258	116516	48.70	UG/L	87
67)	1,2-DICHLOROBENZENE-D4	152.0	2336	8249	9.83	UG/L	93
68)	1,2-Dichlorobenzene	146.0	2340	63898	48.55	UG/L	92
69)	n-Butylbenzene	91.0	2349	138041	49.00	UG/L	90
70)	1,2-Dibromo-3-chloropropane	157.0	2521	3145	17.96	UG/L	98
71)	1,2,4-Trichlorobenzene	180.0	2704	40611	46.49	UG/L	97
72)	Naphthalene	128.0	2755	74895	45.48	UG/L	100
73)	Hexachlorobutadiene	225.0	2747	31824	44.60	UG/L	98
74)	1,2,3-Trichlorobenzene	180.0	2812	37694	45.69	UG/L	97

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >AG075::D6 Quant Output File: ^AG075::D3
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/18/92, HP MS#4, 5mL PURGE

Id File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921216 09:23

Operator ID: STEVE
Quant Time : 921218 11:13
Injected at: 921218 10:40

QUANT REPORT

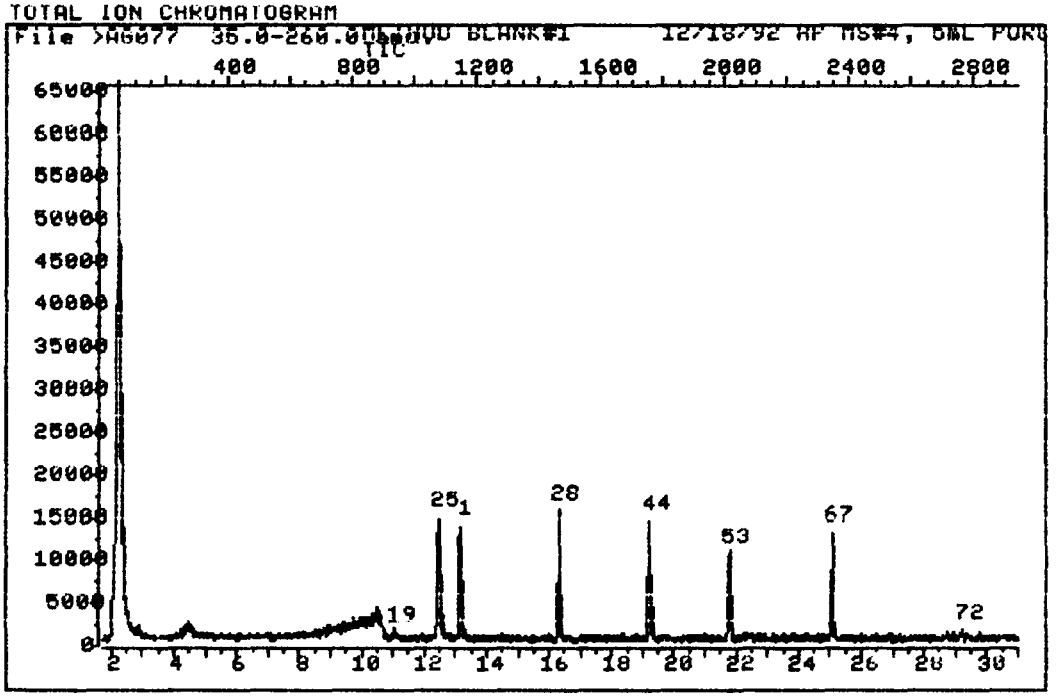
Operator ID: KELLY
Quant Rev: 2
Quant Time: 921218 15:10
Output File: ^AG072::D3
Injected at: 921218 14:32
Data File: >AG072::D6
Dilution Factor: 1.00000
Name: METHOD BLANK#1
Instrument ID: HP MSD#1
Misc: 12/18/92 HP MS#4, 5mL PURGE

ID File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22
Last Qcal Time: 921218 13:30

	Compound	Q ion	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	96.0	1147	26028	10.00	UG/L	98
19)	2-Butanone	43.0	934	2066	2.26	UG/L	65
25)	BENZENE-D6	84.0	1076	30187	10.42	UG/L	96
28)	*TOLUENE-D8	98.0	1463	22883	10.00	UG/L	92
44)	*CHLOROBENZENE-D5	117.0	1755	16483	10.00	UG/L	96
53)	p-BROMOFLUOROBENZENE	174.0	2010	6402	9.49	UG/L	94
67)	1,2-DICHLOROBENZENE-D4	152.0	2342	7279	10.25	UG/L	88
72)	Naphthalene	128.0	2762	1887	1.34	UG/L	100

* Compound is ISTD

TOTAL ION CHROMATOGRAM



Data File: >AG077::D6 Quant Output File: ^AG077::D3
Name: METHOD BLANK#1 Instrument ID: HP MSD#1
Misc: 12/18/92 HP MS#4, 5mL PURGE

Id File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921218 13:30

Operator ID: KELLY
Quant Time : 921218 15:10
Injected at: 921218 14:37

QUANT REPORT

Operator ID: KELLY Quant Rev: 7 Quant Time: 921218 18:16
Output File: ^AG082::D3 Injected at: 921218 17:43
Data File: >AG082::D6 Dilution Factor: 1.00000
Name: 93SV01S16, 10X DIL. Instrument ID: HP MSD#1
Misc: 12/18/92 HP MS#4, 500uL/5mL PURGE

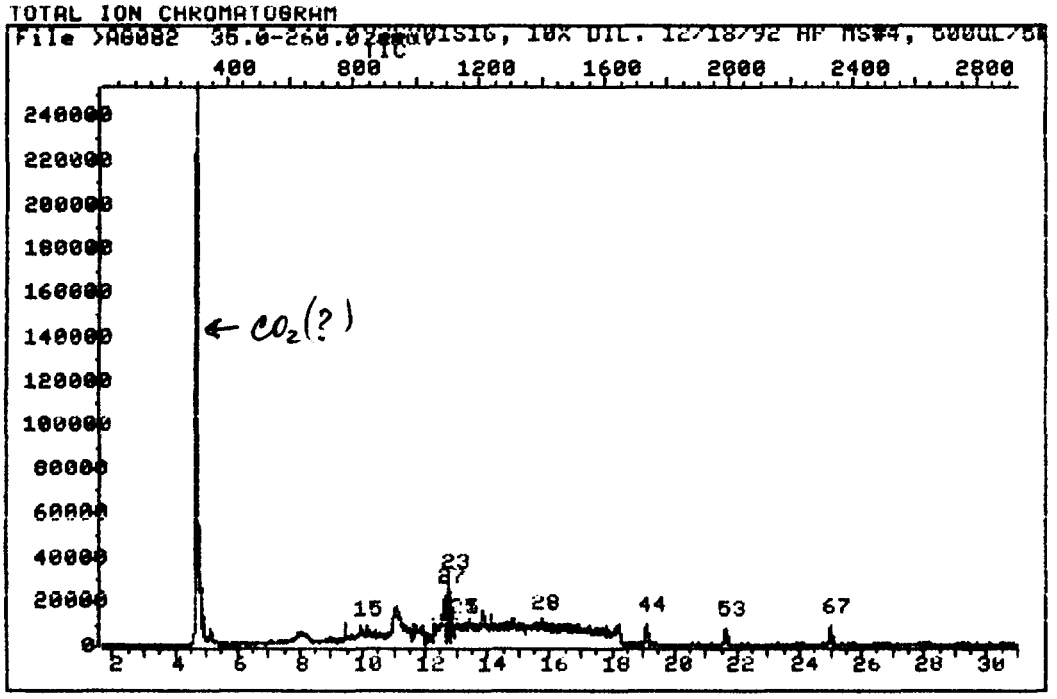
ID File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921218 13:30

	Compound	Q ion	Scan#	Area	Conc	Units	q
1)	*FLUOROBENZENE	96.0	1167	LOW 3418	10.00	UG/L	89
15)	1,1-Dichloroethane	63.0	824	24248	133.22	UG/L	99
23)	Carbon tetrachloride	117.0	1102	1771	15.87	UG/L	90
25)	BENZENE-D6	84.0	1131	3635	9.56	UG/L	96
27)	~~1,2-Dichloroethane~~ F.P. → 1,1,1-TCA	62.0	1094	1641	8.92	UG/L	76
28)	*TOLUENE-D8	98.0	1390	2016	10.00	UG/L	82
44)	*CHLOROBENZENE-D5	117.0	1730	LOW 13030	10.00	UG/L	94
53)	p-BROMOFLUOROBENZENE	174.0	1987	4762	8.93	UG/L	99
67)	1,2-DICHLOROBENZENE-D4	152.0	2324	5161	9.19	UG/L	99

* Compound is ISTD

Bad purge — data unusable

TOTAL ION CHROMATOGRAM



Data File: >AG082::D6 Quant Output File: ^AG082::D3
Name: 93SV01S16, 10X DIL. Instrument ID: HP MSD#1
Misc: 12/18/92 HP MS#4, 500uL/5mL PURGE

Id File: IDAG1D::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921218 13:30

Operator ID: KELLY
Quant Time : 921218 18:16
Injected at: 921218 17:43

QUANT REPORT

Operator ID: STEVE Quant Rev: 7 Quant Time: 921222 12:23
Output File: ^AG084::D3 Injected at: 921222 11:50
Data File: >AG084::D6 Dilution Factor: 1.00000
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/22/92 HP MS#4

ID File: IDAG1E::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921218 13:30

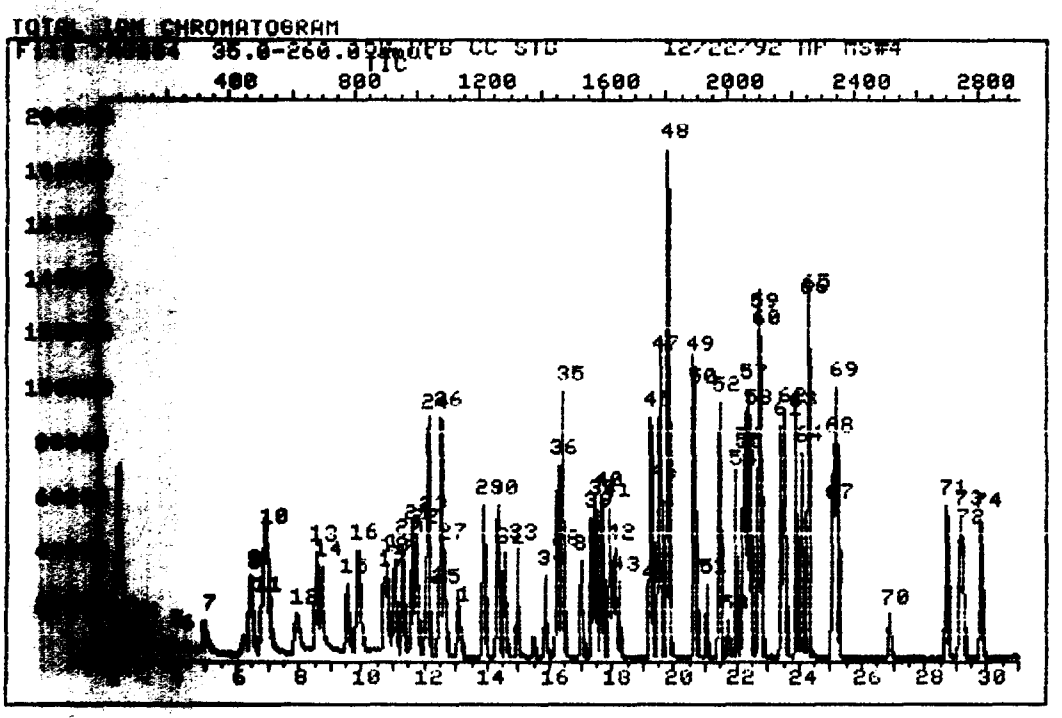
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*FLUOROBENZENE	13.13	96.0	30764	10.00	UG/L	99
2)	Dichlorodifluoromethane	2.50	85.0	25700	44.73	UG/L	99
3)	Chloromethane	2.89	50.0	36296	41.59	UG/L	94
4)	Vinyl chloride	3.17	62.0	40347	49.78	UG/L	97
5)	Bromomethane	3.96	94.0	17717	49.13	UG/L	97
6)	Chloroethane	4.27	64.0	13523	62.23	UG/L	88
7)	Trichlorofluoromethane	4.95	101.0	36979	48.37	UG/L	95
8)	Acrolein	6.41	56.0	8275	132.20	UG/L	91
9)	1,1-Dichloroethene	6.42	96.0	38869	49.52	UG/L	97
10)	Acetone	6.96	43.0	172971	175.35	UG/L	96
11)	Carbon disulfide	6.75	76.0	112889	46.93	UG/L	98
12)	Methylene chloride	7.94	84.0	22367	49.35	UG/L	87
13)	trans-1,2-Dichloroethene	8.52	96.0	39202	50.54	UG/L	91
14)	Acrylonitrile	8.68	53.0	101377	263.65	UG/L	96
15)	1,1-Dichloroethane	9.51	63.0	79125	48.30	UG/L	99
16)	Vinyl acetate	9.86	43.0	182053	122.15	UG/L	100
17)	2,2-Dichloropropane	10.72	77.0	47576	32.85	UG/L	95
18)	cis-1,2-Dichloroethene	10.80	96.0	30908	28.04	UG/L	93
19)	2-Butanone	11.01	43.0	139018	128.92	UG/L	67
20)	Bromochloromethane	11.28	128.0	25492	48.96	UG/L	96
21)	Chloroform	11.56	83.0	94537	48.80	UG/L	94
22)	1,1,1-Trichloroethane	11.73	97.0	65819	48.48	UG/L	97
23)	Carbon tetrachloride	12.03	117.0	55799	55.54	UG/L	96
24)	1,1-Dichloropropene	12.09	75.0	68608	48.64	UG/L	98
25)	BENZENE-D6	12.42	84.0	34008	9.93	UG/L	99
26)	Benzene	12.49	78.0	186760	48.33	UG/L	99
27)	1,2-Dichloroethane	12.64	62.0	80012	48.30	UG/L	96
28)	*TOLUENE-D8	16.26	98.0	29037	10.00	UG/L	83
29)	Trichloroethene	13.84	95.0	51725	48.76	UG/L	87
30)	1,2-Dichloropropane	14.29	63.0	57551	46.87	UG/L	94
31)	Dibromomethane	14.53	174.0	35662	51.99	UG/L	98
33)	Bromodichloromethane	14.94	83.0	65925	48.06	UG/L	99
34)	cis-1,3-Dichloropropene	15.81	75.0	38894	24.10	UG/L	94
35)	Toluene	16.39	92.0	98617	48.52	UG/L	95
36)	4-Methyl-2-pentanone	16.21	43.0	147552	91.51	UG/L	86
37)	trans-1,3-Dichloropropene	16.99	75.0	29677	22.73	UG/L	98
38)	Tetrachloroethene	17.45	166.0	43673	49.66	UG/L	99
39)	1,1,2-Trichloroethane	17.32	132.0	3717	51.55	UG/L	93
40)	1,3-Dichloropropane	17.63	76.0	77959	48.14	UG/L	99
41)	2-Hexanone	17.91	43.0	122413	95.80	UG/L	85

Operator ID: STEVE Quant Rev: 7 Quant Time: 921222 12:23
Output File: ^AG084::D3 Injected at: 921222 11:50
Data File: >AG084::D6 Dilution Factor: 1.00000
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/22/92 HP MS#4

ID File: IDAG1E::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921218 13:30

	Compound	R.T.	Q ion	Area	Conc	Units	q
42)	Dibromochloromethane	18.07	129.0	46052	49.77	UG/L	99
43)	1,2-Dibromoethane	18.22	107.0	46574	48.85	UG/L	97
44)	*CHLOROBENZENE-D5	19.18	117.0	20271	10.00	UG/L	97
45)	Chlorobenzene	19.24	112.0	104222	47.87	UG/L	89
46)	1,1,1,2-Tetrachloroethane	19.46	131.0	36829	48.16	UG/L	98
47)	Ethylbenzene	19.52	91.0	176669	46.23	UG/L	94
48)	m &/or p-Xylene	19.78	106.0	120620	93.13	UG/L	79
49)	o-Xylene	20.60	106.0	61717	46.57	UG/L	94
50)	Styrene	20.65	104.0	84068	46.40	UG/L	92
51)	Bromoform	21.00	173.0	29920	49.94	UG/L	98
52)	Isopropylbenzene	21.40	105.0	165100	46.85	UG/L	94
53)	p-BROMOFLUOROBENZENE	21.72	174.0	8700	10.49	UG/L	99
54)	Bromobenzene	21.96	156.0	42318	47.74	UG/L	97
55)	1,2,3-Trichloropropane	22.20	75.0	45859	46.34	UG/L	84
56)	1,1,2,2-Tetrachloroethane	22.19	83.0	61307	49.80	UG/L	98
57)	n-Propylbenzene	22.30	120.0	39963	46.88	UG/L	99
58)	2-Chlorotoluene	22.42	126.0	38365	48.39	UG/L	90
59)	4-Chlorotoluene	22.68	126.0	36930	46.86	UG/L	87
60)	1,3,5-Trimethylbenzene	22.72	105.0	130269	45.36	UG/L	83
61)	tert-Butylbenzene	23.40	119.0	108183	47.53	UG/L	81
62)	1,2,4-Trimethylbenzene	23.52	105.0	134014	46.38	UG/L	87
63)	sec-Butylbenzene	23.88	105.0	177971	46.49	UG/L	91
64)	1,3-Dichlorobenzene	24.06	146.0	73644	46.37	UG/L	91
65)	1,4-Dichlorobenzene	24.26	146.0	59873	46.60	UG/L	95
66)	p-Isopropyltoluene	24.24	119.0	130873	46.80	UG/L	90
67)	1,2-DICHLOROBENZENE-D4	25.03	152.0	8992	10.30	UG/L	93
68)	1,2-Dichlorobenzene	25.06	146.0	71940	47.37	UG/L	94
69)	n-Butylbenzene	25.15	91.0	151527	45.94	UG/L	88
70)	1,2-Dibromo-3-chloropropane	26.85	157.0	10181	51.17	UG/L	97
71)	1,2,4-Trichlorobenzene	28.69	180.0	43544	45.76	UG/L	98
72)	Naphthalene	29.20	128.0	75734	43.73	UG/L	100
73)	Hexachlorobutadiene	29.12	225.0	35424	45.51	UG/L	99
74)	1,2,3-Trichlorobenzene	29.76	180.0	39965	45.68	UG/L	97

* Compound is ISTD



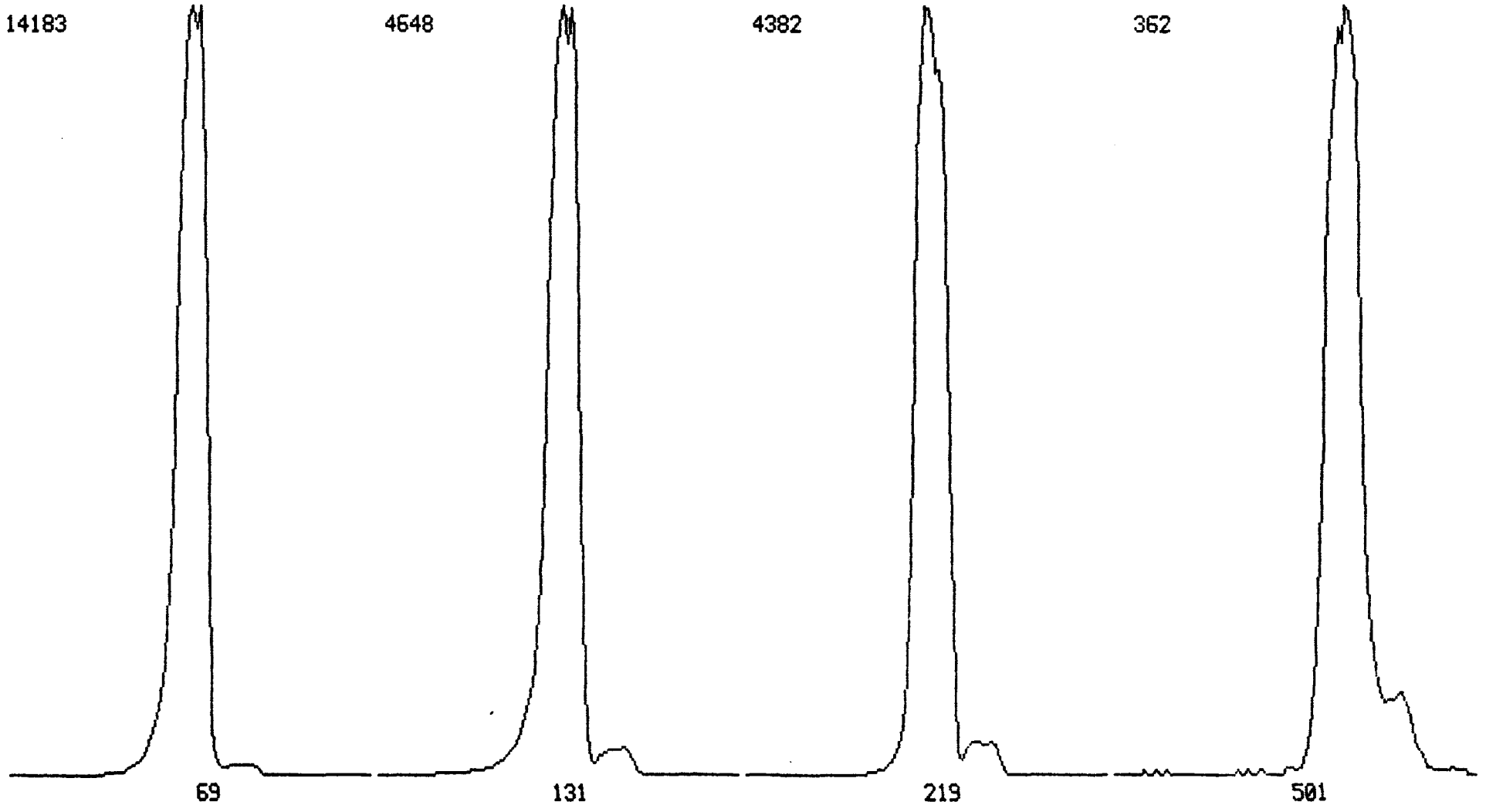
Data File: >AG084::D6 Quant Output File: ^AG084::D3
Name: 50 PPB CC STD Instrument ID: HP MSD#1
Misc: 12/22/92 HP MS#4

Id File: IDAG1E::SC
Title: ID FILE FOR EXTENDED VOA METHOD 524.2 12/02/91 RW/AG
Last Calibration: 921130 16:22 Last Qcal Time: 921218 13:30

Operator ID: STEVE
Quant Time : 921222 12:23
Injected at: 921222 11:50

SCAN MT:ON LINEAR DISPLAY 09 DEC 92 10:46:02
EM LIMIT: 2000 SMOOTHING: 1 CG:ON SINGLE
POSITIVE MODE. EMISSION REGULN. VOLTAGES ENABLED. LOW ELECTRON ENERGY.
EM (947V): ON EMISSION: 750UA RANGE: 10^-7 ZERO: 132 FILAMENT: ON

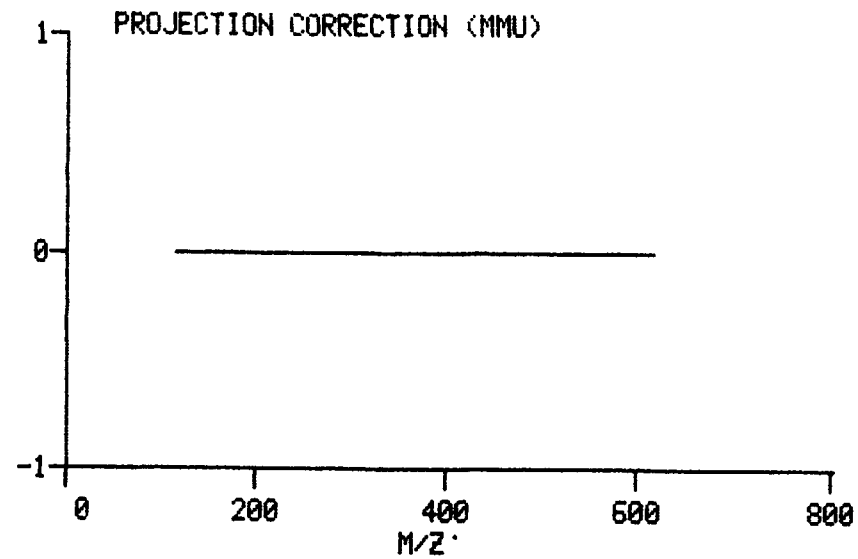
1 RESOLUTION HI(+)	128	7 EXT OFFSET (+)	0.0
2 RESOLUTION LO(+)	128	8 EXT PROGRAM (+)	0.0
3 QUAD OFFSET (+)	0.0	9 COLLECTOR (+)	30.0
4 QUAD PROGRAM (+)	0.0	10 ION OFFSET (+)	5.0
5 LENS OFFSET (+)	-50.0	11 ION PROGRAM (+)	5.0
6 LENS PROGRAM (+)	0.0	12 ROD POLARITY (+)	REV

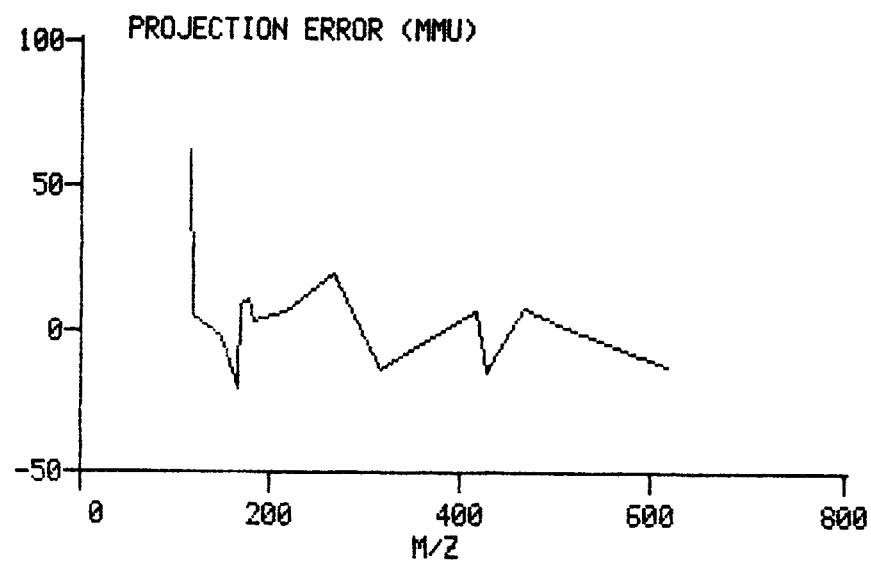


DIAGNOSTICS/CALIBRATE

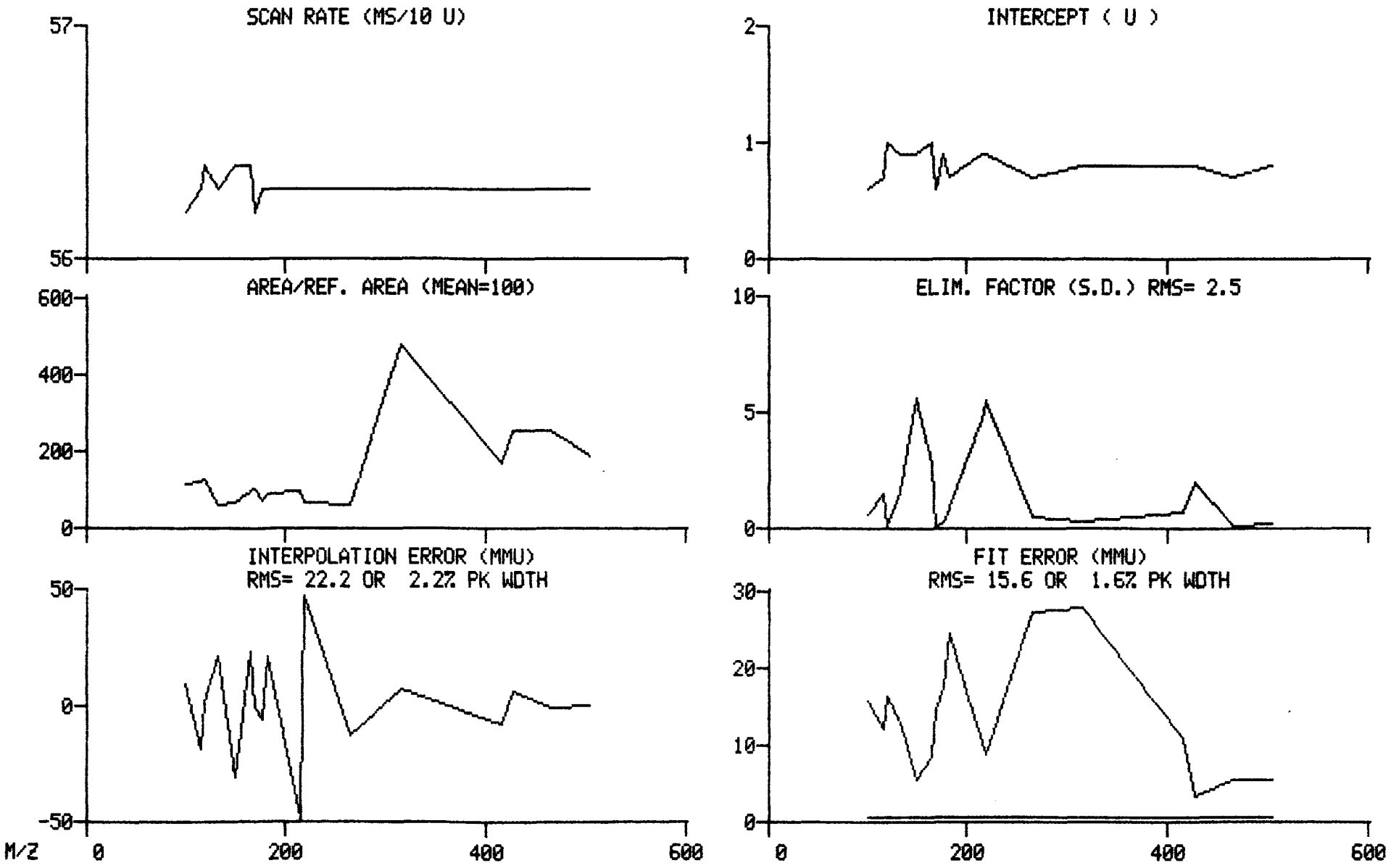
RUN: CALI SCAN: 3
PROJECTION PARAMETERS
PEAKS FEEDBACK
UP: 4 0.1
DOWN: 4 0.1

19 OF 19 REFERENCE PEAKS FOUND
LOW MASS 69 HIGH MASS 614





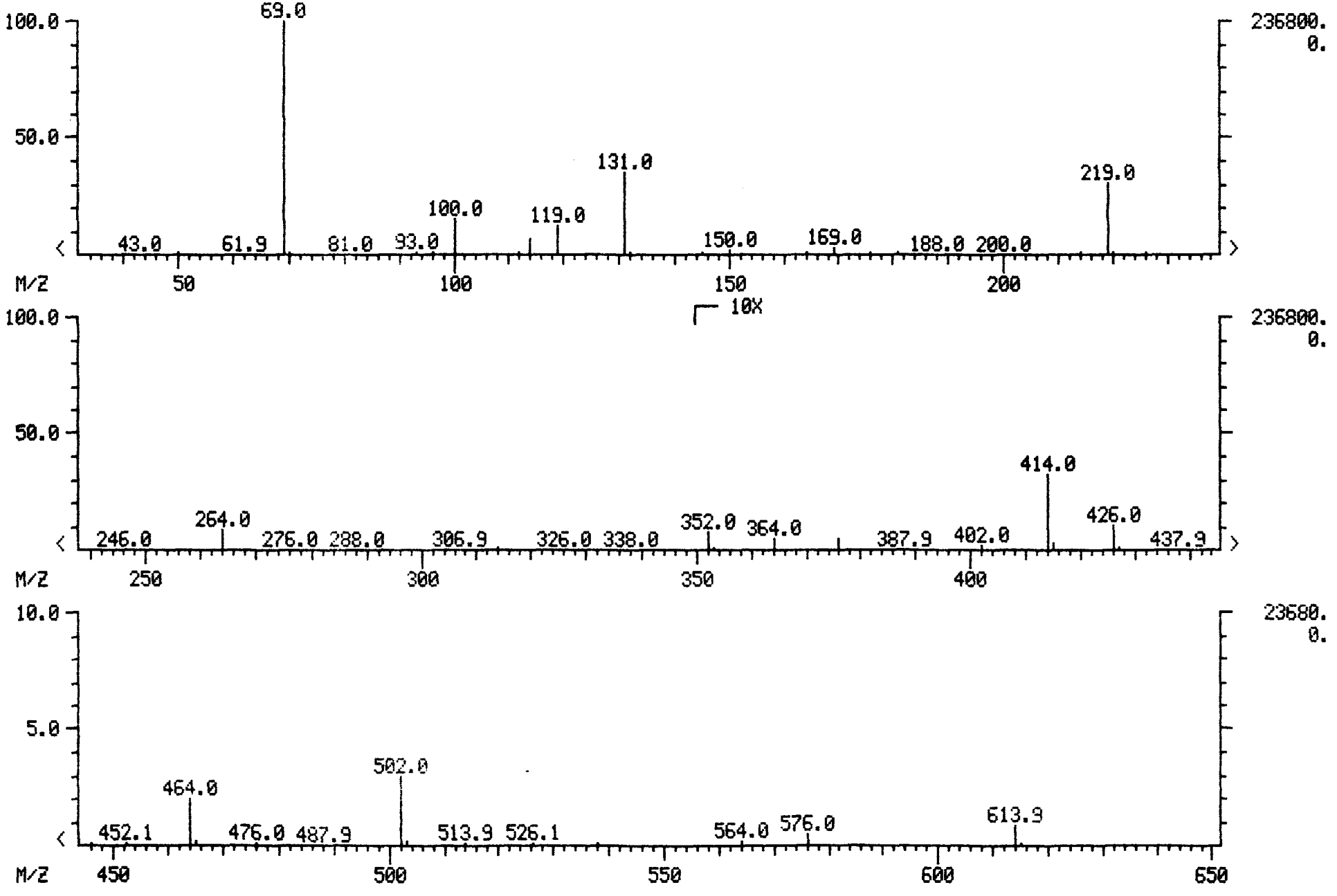
DIAGNOSTICS/FIT FITTING POINTS: 6 DATA POINTS: 17
DATA: CALI (CALI) #3 12/09/92 10:46:00 + 0:05
REFERENCE TABLE: FC43 MIN. AREA: 20
LINEAR SCAN WITH INSTRUMENT INCOS1 FROM 32 TO 650 U IN 1.7 S
SAMPLES/PEAK: 10 MILLISECONDS/SAMPLE: 0.100 PEAK WIDTH: 1000.



MASS SPECTRUM
12/09/92 10:46:00 + 0:05
SAMPLE: FC43 CALIBRATION
CONDS.: 150' TO 220' @ 15'/MIN
TEMP: 150 DEG. C

DATA: CALI #3
CALI: CALI #3

BASE M/Z: 69
RIC: 587776.



Mass List Data: CALI # 3 Base m/z: 69
12/09/92 10:46:00 + 0:05 Cali: CALI # 3 RIC: 587776.
Sample: FC43 CALIBRATION
Conds.: 150' TO 220' @ 15'/MIN

33	0.00	0.	Minima	Min	Inten:	106.
615			Maxima	#	0	
Mass	% RA	Inten.	Mass		% RA	Inten.
33?	0.25	582.	212		0.04	106.
50?F	1.05	2480.	214	F	1.02	2416.
51?F	0.14	336.	215	F	0.06	137.
62?	0.10	238.	219	F	30.38	71936.
69 F	100.00	236800.	220	F	1.24	2940.
70 F	1.10	2608.	226	F	0.55	1308.
74	0.09	206.	228		0.08	195.
75 F	0.05	123.	231		0.34	795.
76 F	0.34	814.	238		0.08	188.
78 F	0.13	299.	243		0.06	141.
81 F	0.40	952.	245	F	0.06	140.
89 M	0.05	122.	246	F	0.19	455.
93 F	1.28	3036.	264	F	8.30	19648.
94 F	0.08	183.	265	F	0.44	1036.
95 F	0.43	1030.	269		0.22	528.
96 F	0.87	2068.	276	F	0.19	453.
100 F	15.41	36480.	277	F	0.06	136.
101 F	0.34	816.	281		0.13	314.
107	0.09	203.	288		0.07	164.
112 F	0.71	1690.	295	F	0.11	251.
114 F	6.52	15440.	296	F	0.20	471.
115 FM	0.16	373.	314	F	1.18	2788.
119 F	12.43	29440.	315	F	0.08	181.
120 F	0.26	623.	316	F	0.20	482.
124	0.09	209.	326	F	0.25	592.
126 F	0.26	620.	331		0.05	129.
127 F	0.06	150.	338		0.08	189.
128 F	0.05	112.	345		0.05	123.
131 F	35.68	84480.	352	F	0.77	1820.
132 F	1.07	2540.	353	F	0.05	127.
138	0.21	499.	364	F	0.46	1080.
143 F	0.19	445.	376	F	0.45	1062.
145 F	0.80	1896.	402	F	0.18	436.
150 F	1.55	3680.	414	F	3.28	7760.
151 F	0.06	142.	415	F	0.26	622.
157	0.05	115.	426	F	1.09	2580.
162 F	0.23	538.	427	F	0.09	222.
163 F	0.20	464.	446	F	0.08	197.
164 F	1.06	2504.	452		0.12	293.
169 F	3.24	7680.	464	F	1.95	4624.
170 F	0.11	263.	465	F	0.16	387.
176 F	1.02	2408.	476		0.09	215.
177 F	0.05	127.	502	F	2.95	6976.
181 F	1.40	3308.	503	F	0.23	543.
182 F	0.10	240.	514	F	0.13	307.
188	0.12	295.	526	F	0.14	323.
193	0.10	237.	538		0.08	190.
195	0.12	287.	564	F	0.17	400.
200	0.20	480.	576	F	0.44	1036.
202	0.07	169.	614	F	0.85	2016.
207	0.07	170.	615?F		0.08	197.

Data: CALI # 3 Cali: CALI # 3 12/09/92 10:46

Mass	Intensity	% of 69	Target %
69	236800.	100.00	100.00- 0.00
131	84480.	35.68	30.00- 60.00
219	71936.	30.38	30.00- 60.00
414	7760.	3.28	1.40- 4.00
502	6976.	2.95	0.80- 4.00

Isotope Ratio Report

Masses	% Isotope	Target %
70/ 69	1.10	0.80- 1.30
132/131	3.01	2.00- 3.40
220/219	4.09	3.50- 5.20
415/414	8.02	7.20-10.80
503/502	7.78	8.10-12.10

PROCEDURE: TCA DIAGNOSTIC REPORT 12/09/92 14:06:25
DATA FILE: CC1209
REFERENCE: VP11
NAME LIST: VP INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: VP_IS

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
3	3	3	80	6	6	1	49	VP_IS/VP_SURR
3	3	1	80	12	12	4	51	VP_IS/VP_CMPDS1
3	3	1	80	12	12	1	47	VP_IS/VP_CMPDS2
3	3	1	80	12	12	1	54	VP_IS/VP_CMPDS3
3	3	1	80	14	13	1	54	VP_IS/VP_CMPDS4

44 COMPOUNDS PROCESSED, 43 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VP	1	279	279	279	.	1	960	.	128	278	-1	1
2	VP	2	551	551	550	-1	3	973	.	77	550	.	1
3	VP	3	670	670	670	.	1	981	.	55	670	.	1
4	VP	4	360	360	360	.	1	951	.	65	360	.	1
5	VP	5	504	504	504	.	1	973	.	84	504	.	1
6	VP	6	697	696	696	.	1	992	.	98	696	.	1
7	VP	7	49	49	49	.	2	983	.	50	49	.	1
8	VP	8	77	77	77	.	2	997	.	94	77	.	1
9	VP	9	88	88	87	-1	1	1000	.	62	87	.	1
10	VP	10	119	119	119	.	1	996	.	64	119	.	1
11	VP	11	183	183	183	.	1	970	.	84	182	-1	1
12	VP	12	202	202	201	-1	1	948	.	43	201	.	1
13	VP	13	203	203	203	.	1	964	.	56	205	2	1
14	VP	14	228	228	227	-1	1	996	.	76	227	.	1
15	VP	15	225	225	225	.	1	953	.	53	224	-1	1
16	VP	16	264	264	264	.	1	950	.	96	264	.	1
17	VP	17	302	302	301	-1	1	946	.	63	301	.	1
18	VP	18	324	324	324	.	1	944	.	96	324	.	1
19	VP	19	341	341	341	.	1	935	.	83	341	.	1
20	VP	20	363	363	363	.	1	956	.	62	363	.	1
21	VP	21	361	361	360	-1	1	996	.	72	360	.	1
22	VP	22	400	400	400	.	1	928	.	97	400	.	1
23	VP	23	400	400	400	.	1	943	.	117	400	.	1
24	VP	24	418	418	418	.	1	989	.	43	418	.	1
25	VP	25	429	429	429	.	1	956	.	83	429	.	1
26	VP	26	469	469	468	-1	1	962	.	63	468	.	1
27	VP	27	477	477	476	-1	1	952	.	75	476	.	1
28	VP	28	494	494	493	-1	1	930	.	130	493	.	1
29	VP	29	512	512	512	.	1	981	.	129	512	.	1
30	VP	30	515	515	515	.	1	976	.	97	515	.	1
31	VP	31	509	509	508	-1	1	982	.	78	508	.	1
32	VP	32	514	514	514	.	1	930	.	75	515	1	1
33	VP	33	547	547	547	.	1	992	.	63	547	.	1
34	VP	34	593	593	592	-1	1	924	.	173	592	.	1
35	VP	35	606	605	606	1	1	988	.	43	606	.	1
36	VP	36	653	652	652	.	1	946	.	43	652	.	1
37	VP	37	-662	661	.	.	.	.	.	164	663	.	1
38	VP	38	-662	661	662	1	1	806	.	83	662	.	1
39	VP	39	702	701	702	1	1	989	.	92	701	-1	1
40	VP	40	737	736	736	.	1	975	.	112	736	.	1
41	VP	41	793	792	792	.	1	993	.	106	792	.	1
42	VP	42	909	908	907	-1	1	987	.	104	906	-1	1
43	VP	44	915	914	914	.	1	995	.	106	913	-1	1
44	VP	45	943	942	942	.	1	994	.	106	941	-1	1

Quantitation Report File: CC1209

Data: CC1209.TI
12/09/92 13:02:00
Sample: CLP,1077,,CC1209,L,W,,V,CC (WILL NOT BE USED CHECK ONLY)
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	128	278	9:16	1	1.000	A BB	67882.	10.000	UG/L	1.07
2	77	550	18:20	2	1.000	A BB	247834.	10.000	UG/L	1.07
3	55	670	22:20	3	1.000	A BB	143227.	10.000	UG/L	1.07
4	65	360	12:00	1	1.295	A BB	40164.	8.920	UG/L	0.96
5	84	504	16:48	2	0.916	A VB	241472.	8.525	UG/L	0.91
6	98	696	23:12	3	1.039	A BB	426745.	9.216	UG/L	0.99
7	50	49	1:38	1	0.176	A VB	48992.	11.020	UG/L	1.18
8	94	77	2:34	1	0.277	A VB	22478.	7.269	UG/L	0.78
9	62	87	2:54	1	0.313	A BB	58883.	12.579	UG/L	1.35
10	64	119	3:58	1	0.428	A BB	26054.	11.209	UG/L	1.20
11	84	182	6:04	1	0.655	A BB	108979.	16.356	UG/L	1.75
12	43	201	6:42	1	0.723	A BB	35834.	80.367	UG/L	8.62
13	56	205	6:50	1	0.737	A BB	8353.	84.753	UG/L	9.09
14	76	227	7:34	1	0.817	A BB	399487.	17.535	UG/L	1.88
15	53	224	7:28	1	0.806	A BB	35223.	82.006	UG/L	8.79
16	96	264	8:48	1	0.950	A BB	187803.	17.513	UG/L	1.88
17	63	301	10:02	1	1.083	A BB	328809.	18.892	UG/L	2.03
18	96	324	10:48	1	1.165	A BB	207453.	17.988	UG/L	1.93
19	83	341	11:22	1	1.227	A BB	333631.	17.039	UG/L	1.83
20	62	363	12:06	1	1.306	A BB	105420.	15.265	UG/L	1.64
21	72	360	12:00	2	0.655	A BB	22397.	66.475	UG/L	7.13
22	97	400	13:20	2	0.727	A BB	280301.	12.813	UG/L	1.37
23	117	400	13:20	2	0.727	A BV	54767.	2.985	UG/L	0.32
24	43	418	13:56	2	0.760	A BB	247151.	35.708	UG/L	3.83
25	83	429	14:18	2	0.780	A BB	285395.	14.008	UG/L	1.50
26	63	468	15:36	2	0.851	A BB	249992.	17.172	UG/L	1.84
27	75	476	15:52	2	0.865	A BB	446631.	25.172	UG/L	2.70
28	130	493	16:26	2	0.896	A BB	388232.	17.069	UG/L	1.83
29	129	512	17:04	2	0.931	A BB	300381.	15.764	UG/L	1.69
30	97	515	17:10	2	0.936	A BB	148503.	15.534	UG/L	1.67
31	78	508	16:56	2	0.924	A BB	639329.	16.964	UG/L	1.82
32	75	515	17:10	2	0.936	A BB	72149.	5.576	UG/L	0.60
33	63	547	18:14	2	0.995	A BB	55187.	15.118	UG/L	1.62
34	173	592	19:44	2	1.076	A BB	228369.	18.780	UG/L	2.01
35	43	606	20:12	3	0.904	A BB	151172.	30.255	UG/L	3.24
36	43	652	21:44	3	0.973	A BB	94128.	29.942	UG/L	3.21
37	164	663	22:06	3	0.990	A BB	413060.	18.340	UG/L	1.97
38	83	662	22:04	3	0.988	A BB	146270.	14.779	UG/L	1.58
39	92	701	23:22	3	1.046	A BB	466340.	16.066	UG/L	1.72
40	112	736	24:32	3	1.099	A BB	642413.	15.655	UG/L	1.68
41	106	792	26:24	3	1.182	A BB	344726.	15.791	UG/L	1.69
42	104	906	30:12	3	1.352	A BB	510944.	15.132	UG/L	1.62
43	106	913	30:26	3	1.363	A BB	366250.	15.590	UG/L	1.67
44	106	941	31:22	3	1.404	A BB	353894.	15.622	UG/L	1.67

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:18	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:22	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:22	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:02	1.00	1.294	1.00	8.92	10.00	0.592	0.663	0.89
5	16:48	1.00	0.915	1.00	8.52	10.00	0.974	1.143	0.85
6	23:14	1.00	1.039	1.00	9.22	10.00	2.980	3.233	0.92
7	1:38	1.00	0.176	1.00	11.02	30.00	0.241	0.655	0.37
8	2:38	0.97	0.283	0.98	7.27	30.00	0.110	0.456	0.24
9	2:56	0.99	0.315	0.99	12.58	30.00	0.289	0.690	0.42
10	3:58	1.00	0.427	1.00	11.21	30.00	0.128	0.342	0.37

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:06	0.99	0.656	1.00	16.36	15.00	1.070	0.982	1.09
12	6:44	1.00	0.724	1.00	80.37	75.00	0.070	0.066	1.07
13	6:48	1.00	0.731	1.01	84.75	75.00	0.016	0.015	1.13
14	7:36	1.00	0.817	1.00	17.53	15.00	3.923	3.356	1.17
15	7:30	1.00	0.806	1.00	82.01	75.00	0.069	0.063	1.09
16	8:48	1.00	0.946	1.00	17.51	15.00	1.844	1.580	1.17
17	10:04	1.00	1.082	1.00	18.89	15.00	3.229	2.564	1.26
18	10:48	1.00	1.161	1.00	17.99	15.00	2.037	1.699	1.20
19	11:24	1.00	1.226	1.00	17.04	15.00	3.277	2.884	1.14
20	12:06	1.00	1.301	1.00	15.26	15.00	1.035	1.017	1.02
21	12:02	1.00	0.655	1.00	66.48	75.00	0.012	0.014	0.89
22	13:22	1.00	0.728	1.00	12.81	15.00	0.754	0.883	0.85
23	13:44	0.97	0.748	0.97	2.98	15.00	0.147	0.740	0.20
24	13:56	1.00	0.759	1.00	35.71	30.00	0.332	0.279	1.19
25	14:18	1.00	0.779	1.00	14.01	15.00	0.768	0.822	0.93
26	15:38	1.00	0.851	1.00	17.17	15.00	0.672	0.587	1.14
27	15:54	1.00	0.866	1.00	25.17	24.30	0.742	0.716	1.04
28	16:28	1.00	0.897	1.00	17.07	15.00	1.044	0.918	1.14
29	17:06	1.00	0.931	1.00	15.76	15.00	0.808	0.769	1.05
30	17:12	1.00	0.936	1.00	15.53	15.00	0.399	0.386	1.04
31	16:58	1.00	0.924	1.00	16.96	15.00	1.720	1.521	1.13
32	17:12	1.00	0.936	1.00	5.58	5.70	0.511	0.522	0.98
33	18:16	1.00	0.995	1.00	15.12	15.00	0.148	0.147	1.01
34	19:46	1.00	1.076	1.00	18.78	15.00	0.614	0.491	1.25
35	20:14	1.00	0.905	1.00	30.25	30.00	0.352	0.349	1.01
36	21:46	1.00	0.973	1.00	29.94	30.00	0.219	0.219	1.00
37	22:08	1.00	0.990	1.00	18.34	15.00	1.923	1.573	1.22
38	22:06	1.00	0.988	1.00	14.78	15.00	0.681	0.691	0.99
39	23:24	1.00	1.046	1.00	16.07	15.00	2.171	2.027	1.07
40	24:34	1.00	1.098	1.00	15.66	15.00	2.990	2.865	1.04
41	26:28	1.00	1.183	1.00	15.79	15.00	1.605	1.524	1.05
42	30:18	1.00	1.355	1.00	15.13	15.00	2.378	2.357	1.01
43	30:32	1.00	1.365	1.00	15.59	15.00	1.705	1.640	1.04
44	31:28	1.00	1.407	1.00	15.62	15.00	1.647	1.582	1.04

TCA FINISHED, 43 FOUND
FINISHED AT: 12/09/92 14:13:32

Quantitation Report File: CC1209

Data: CC1209.TI
12/09/92 13:02:00
Sample: CLP,1077,,CC1209,L,W,,V,CC (WILL NOT BE USED CHECK ONLY)
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	128	278	9:16	1	1.000	A BB	67882.	10.000	UG/L	1.06
2	77	550	18:20	2	1.000	A BB	247834.	10.000	UG/L	1.06
3	55	670	22:20	3	1.000	A BB	143227.	10.000	UG/L	1.06
4	65	360	12:00	1	1.295	A BB	40164.	8.920	UG/L	0.95
5	84	504	16:48	2	0.916	A VB	241472.	8.525	UG/L	0.90
6	98	696	23:12	3	1.039	A BB	426745.	9.216	UG/L	0.98
7	50	49	1:38	1	0.176	A VB	48992.	11.020	UG/L	1.17
8	94	77	2:34	1	0.277	A VB	22478.	7.269	UG/L	0.77
9	62	87	2:54	1	0.313	A BB	58883.	12.579	UG/L	1.33
10	64	119	3:58	1	0.428	A BB	26054.	11.209	UG/L	1.19
11	84	182	6:04	1	0.655	A BB	108979.	16.356	UG/L	1.73
12	43	201	6:42	1	0.723	A BB	35834.	80.367	UG/L	8.52
13	56	205	6:50	1	0.737	A BB	8353.	84.753	UG/L	8.99
14	76	227	7:34	1	0.817	A BB	399487.	17.535	UG/L	1.86
15	53	224	7:28	1	0.806	A BB	35223.	82.006	UG/L	8.69
16	96	264	8:48	1	0.950	A BB	187803.	17.513	UG/L	1.86
17	63	301	10:02	1	1.083	A BB	328809.	18.892	UG/L	2.00
18	96	324	10:48	1	1.165	A BB	207453.	17.988	UG/L	1.91
19	83	341	11:22	1	1.227	A BB	333631.	17.039	UG/L	1.81
20	62	363	12:06	1	1.306	A BB	105420.	15.265	UG/L	1.62
21	72	360	12:00	2	0.655	A BB	22397.	66.475	UG/L	7.05
22	97	400	13:20	2	0.727	A BB	280301.	12.813	UG/L	1.36
23	117	411	13:42	2	0.747	A VB	245422.	13.374	UG/L	1.42
24	43	418	13:56	2	0.760	A BB	247151.	35.708	UG/L	3.79
25	83	429	14:18	2	0.780	A BB	285395.	14.008	UG/L	1.49
26	63	468	15:36	2	0.851	A BB	249992.	17.172	UG/L	1.82
27	75	476	15:52	2	0.865	A BB	446631.	25.172	UG/L	2.67
28	130	493	16:26	2	0.896	A BB	388232.	17.069	UG/L	1.81
29	129	512	17:04	2	0.931	A BB	300381.	15.764	UG/L	1.67
30	97	515	17:10	2	0.936	A BB	148503.	15.534	UG/L	1.65
31	78	508	16:56	2	0.924	A BB	639329.	16.964	UG/L	1.80
32	75	515	17:10	2	0.936	A BB	72149.	5.576	UG/L	0.59
33	63	547	18:14	2	0.995	A BB	55187.	15.118	UG/L	1.60
34	173	592	19:44	2	1.076	A BB	228369.	18.780	UG/L	1.99
35	43	606	20:12	3	0.904	A BB	151172.	30.255	UG/L	3.21
36	43	652	21:44	3	0.973	A BB	94128.	29.942	UG/L	3.17
37	164	663	22:06	3	0.990	A BB	413060.	18.340	UG/L	1.94
38	83	662	22:04	3	0.988	A BB	146270.	14.779	UG/L	1.57
39	92	701	23:22	3	1.046	A BB	466340.	16.066	UG/L	1.70
40	112	736	24:32	3	1.099	A BB	642413.	15.655	UG/L	1.66
41	106	792	26:24	3	1.182	A BB	344726.	15.791	UG/L	1.67
42	104	906	30:12	3	1.352	A BB	510944.	15.132	UG/L	1.60
43	106	913	30:26	3	1.363	A BB	366250.	15.590	UG/L	1.65
44	106	941	31:22	3	1.404	A BB	353894.	15.622	UG/L	1.66

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:16	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:00	1.00	1.295	1.00	8.92	10.00	0.592	0.663	0.89
5	16:48	1.00	0.916	1.00	8.52	10.00	0.974	1.143	0.85
6	23:12	1.00	1.039	1.00	9.22	10.00	2.980	3.233	0.92
7	1:38	1.00	0.176	1.00	11.02	30.00	0.241	0.655	0.37
8	2:34	1.00	0.277	1.00	7.27	30.00	0.110	0.456	0.24
9	2:54	1.00	0.313	1.00	12.58	30.00	0.289	0.690	0.42
10	3:58	1.00	0.428	1.00	11.21	30.00	0.128	0.342	0.37

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:04	1.00	0.655	1.00	16.36	15.00	1.070	0.982	1.09
12	6:42	1.00	0.723	1.00	80.37	75.00	0.070	0.066	1.07
13	6:50	1.00	0.737	1.00	84.75	75.00	0.016	0.015	1.13
14	7:34	1.00	0.817	1.00	17.53	15.00	3.923	3.356	1.17
15	7:28	1.00	0.806	1.00	82.01	75.00	0.069	0.063	1.09
16	8:48	1.00	0.950	1.00	17.51	15.00	1.844	1.580	1.17
17	10:02	1.00	1.083	1.00	18.89	15.00	3.229	2.564	1.26
18	10:48	1.00	1.165	1.00	17.99	15.00	2.037	1.699	1.20
19	11:22	1.00	1.227	1.00	17.04	15.00	3.277	2.884	1.14
20	12:06	1.00	1.306	1.00	15.26	15.00	1.035	1.017	1.02
21	12:00	1.00	0.655	1.00	66.48	75.00	0.012	0.014	0.89
22	13:20	1.00	0.727	1.00	12.81	15.00	0.754	0.883	0.85
23	13:42	1.00	0.747	1.00	13.37	15.00	0.660	0.740	0.89
24	13:56	1.00	0.760	1.00	35.71	30.00	0.332	0.279	1.19
25	14:18	1.00	0.780	1.00	14.01	15.00	0.768	0.822	0.93
26	15:36	1.00	0.851	1.00	17.17	15.00	0.672	0.587	1.14
27	15:52	1.00	0.865	1.00	25.17	24.30	0.742	0.716	1.04
28	16:26	1.00	0.896	1.00	17.07	15.00	1.044	0.918	1.14
29	17:04	1.00	0.931	1.00	15.76	15.00	0.808	0.769	1.05
30	17:10	1.00	0.936	1.00	15.53	15.00	0.399	0.386	1.04
31	16:56	1.00	0.924	1.00	16.96	15.00	1.720	1.521	1.13
32	17:10	1.00	0.936	1.00	5.58	5.70	0.511	0.522	0.98
33	18:14	1.00	0.995	1.00	15.12	15.00	0.148	0.147	1.01
34	19:44	1.00	1.076	1.00	18.78	15.00	0.614	0.491	1.25
35	20:12	1.00	0.904	1.00	30.25	30.00	0.352	0.349	1.01
36	21:44	1.00	0.973	1.00	29.94	30.00	0.219	0.219	1.00
37	22:06	1.00	0.990	1.00	18.34	15.00	1.923	1.573	1.22
38	22:04	1.00	0.988	1.00	14.78	15.00	0.681	0.691	0.99
39	23:22	1.00	1.046	1.00	16.07	15.00	2.171	2.027	1.07
40	24:32	1.00	1.099	1.00	15.66	15.00	2.990	2.865	1.04
41	26:24	1.00	1.182	1.00	15.79	15.00	1.605	1.524	1.05
42	30:12	1.00	1.352	1.00	15.13	15.00	2.378	2.357	1.01
43	30:26	1.00	1.363	1.00	15.59	15.00	1.705	1.640	1.04
44	31:22	1.00	1.404	1.00	15.62	15.00	1.647	1.582	1.04

PROCEDURE: TCA DIAGNOSTIC REPORT 12/09/92 19:36:57
DATA FILE: 1209BLK1
REFERENCE: VP11
NAME LIST: VP INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: VP_IS

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
3	3	5	55	6	6	1	63	VP_IS/VP_SURR
3	3	1	55	12	5	1	149	VP_IS/VP_CMPDS1
3	3	1	55	12	4	1	67	VP_IS/VP_CMPDS2
3	3	1	55	12	5	1	89	VP_IS/VP_CMPDS3
3	3	1	55	14	12	2	64	VP_IS/VP_CMPDS4

44 COMPOUNDS PROCESSED, 20 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VP	1	278	278	278	.	1	948	.	128	278	.	1
2	VP	2	550	550	550	.	5	974	.	77	550	.	1
3	VP	3	669	670	670	.	1	988	.	55	670	.	1
4	VP	4	360	360	359	-1	1	981	.	65	359	.	1
5	VP	5	503	503	504	1	1	968	.	84	504	.	1
6	VP	6	695	696	696	.	1	989	.	98	696	.	1
7	VP	7	48	49	.	.	.	.	.	50	.	.	.
8	VP	8	76	77	.	.	.	.	.	94	.	.	.
9	VP	9	87	88	.	.	.	.	.	62	.	.	.
10	VP	10	118	119	.	.	.	.	.	64	119	.	1
11	VP	11	182	183	182	-1	1	983	.	84	182	.	1
12	VP	12	200	201	.	.	.	.	.	43	202	.	1
13	VP	13	203	204	.	.	.	.	.	56	206	.	1
14	VP	14	226	227	229	2	1	996	.	76	229	.	1
15	VP	15	223	224	.	.	.	.	.	53	.	.	.
16	VP	16	263	263	.	.	.	.	.	96	263	.	1
17	VP	17	301	301	.	.	.	.	.	63	302	.	1
18	VP	18	323	323	.	.	.	.	.	96	.	.	.
19	VP	19	340	340	.	.	.	.	.	83	341	.	1
20	VP	20	362	362	.	.	.	.	.	62	364	.	1
21	VP	21	360	360	361	1	1	984	.	72	361	.	1
22	VP	22	399	399	.	.	.	.	.	97	400	.	1
23	VP	23	399	399	.	.	.	.	.	117	399	.	1
24	VP	24	417	417	.	.	.	.	.	43	418	.	1
25	VP	25	428	429	.	.	.	.	.	83	429	.	1
26	VP	26	468	469	.	.	.	.	.	63	467	.	1
27	VP	27	476	477	.	.	.	.	.	75	477	.	1
28	VP	28	493	494	494	.	1	901	.	130	493	-1	1
29	VP	29	511	512	.	.	.	.	.	129	511	.	1
30	VP	30	514	515	516	1	1	914	.	97	516	.	1
31	VP	31	508	509	.	.	.	.	.	78	.	.	.
32	VP	32	513	514	.	.	.	.	.	75	515	.	1
33	VP	33	546	547	.	.	.	.	.	63	.	.	.
34	VP	34	592	593	593	.	1	937	.	173	593	.	1
35	VP	35	605	606	606	.	2	975	.	43	607	1	1
36	VP	36	652	653	.	.	.	.	.	43	652	.	1
37	VP	37	-661	662	.	.	.	.	.	164	663	.	1
38	VP	38	-661	662	662	.	1	920	.	83	662	.	1
39	VP	39	701	702	701	-1	1	966	.	92	701	.	1
40	VP	40	736	737	737	.	1	952	.	112	737	.	1
41	VP	41	792	793	792	-1	1	988	.	106	793	1	1
42	VP	42	907	908	909	1	1	973	.	104	908	-1	1
43	VP	44	914	915	914	-1	1	979	.	106	915	1	1
44	VP	45	942	943	943	.	1	969	.	106	942	-1	1

Quantitation Report File: 1209BLK1

Data: 1209BLK1.TI
12/09/92 18:48:00
Sample: CLP,1077,,1209BLK1,L,W,,V,BLANK
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	128	278	9:16	1	1.000	A BB	111545.	10.000	UG/L	14.04
2	77	550	18:20	2	1.000	A BB	304198.	10.000	UG/L	14.04
3	55	670	22:20	3	1.000	A BB	170694.	10.000	UG/L	14.04
4	65	359	11:58	1	1.291	A BB	62116.	8.395	UG/L	11.79
5	84	504	16:48	2	0.916	A BB	368484.	10.598	UG/L	14.88
6	98	696	23:12	3	1.039	A BB	671503.	12.168	UG/L	17.08
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	64	119	3:58	1	0.428	A VV	124.	0.032	UG/L	0.05
11	84	182	6:04	1	0.655	A BB	3422.	0.313	UG/L	0.44
12	43	202	6:44	1	0.727	A BV	1164.	1.588	UG/L	2.23
13	56	206	6:52	1	0.741	A BB	67.	0.414	UG/L	0.58
14	76	229	7:38	1	0.824	A BB	3478.	0.093	UG/L	0.13
15	NOT	FOUND								
16	96	263	8:46	1	0.946	A BB	1408.	0.080	UG/L	0.11
17	63	302	10:04	1	1.086	A BB	536.	0.019	UG/L	0.03
18	NOT	FOUND								
19	83	341	11:22	1	1.227	A BB	2301.	0.072	UG/L	0.10
20	62	364	12:08	1	1.309	A BB	665.	0.059	UG/L	0.08
21	72	361	12:02	2	0.656	A BB	1589.	3.842	UG/L	5.39
22	97	400	13:20	2	0.727	A BB	1115.	0.042	UG/L	0.06
23	117	399	13:18	2	0.725	A BB	85.	0.004	UG/L	0.01
24	43	418	13:56	2	0.760	A BB	708.	0.083	UG/L	0.12
25	83	429	14:18	2	0.780	A BB	882.	0.035	UG/L	0.05
26	63	467	15:34	2	0.849	A BB	355.	0.020	UG/L	0.03
27	75	477	15:54	2	0.867	A BB	1100.	0.051	UG/L	0.07
28	130	493	16:26	2	0.896	A BB	5108.	0.183	UG/L	0.26
29	129	511	17:02	2	0.929	A BB	1350.	0.058	UG/L	0.08
30	97	516	17:12	2	0.938	A BB	1381.	0.118	UG/L	0.17
31	NOT	FOUND								
32	75	515	17:10	2	0.936	A VB	326.	0.021	UG/L	0.03
33	NOT	FOUND								
34	173	593	19:46	2	1.078	A BB	2094.	0.140	UG/L	0.20
35	43	607	20:14	3	0.906	A BB	4451.	0.747	UG/L	1.05
36	43	652	21:44	3	0.973	A BB	3150.	0.841	UG/L	1.18
37	164	663	22:06	3	0.990	A BB	4241.	0.158	UG/L	0.22
38	83	662	22:04	3	0.988	A BB	3549.	0.301	UG/L	0.42
39	92	701	23:22	3	1.046	A BB	7438.	0.215	UG/L	0.30
40	112	737	24:34	3	1.100	A BB	4028.	0.082	UG/L	0.12
41	106	793	26:26	3	1.184	A BB	2614.	0.100	UG/L	0.14
42	104	908	30:16	3	1.355	A BB	4326.	0.108	UG/L	0.15
43	106	915	30:30	3	1.366	A BB	3566.	0.127	UG/L	0.18
44	106	942	31:24	3	1.406	A BB	3282.	0.122	UG/L	0.17

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:16	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:00	1.00	1.295	1.00	8.40	10.00	0.557	0.663	0.84
5	16:48	1.00	0.916	1.00	10.60	10.00	1.211	1.143	1.06
6	23:12	1.00	1.039	1.00	12.17	10.00	3.934	3.233	1.22
7	1:38		0.176						
8	2:34		0.277						
9	2:54		0.313						
10	3:58	1.00	0.428	1.00	0.03	30.00	0.000	0.342	0.00

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:04	1.00	0.655	1.00	0.31	15.00	0.020	0.982	0.02
12	6:42	1.00	0.723	1.00	1.59	75.00	0.001	0.066	0.02
13	6:50	1.00	0.737	1.00	0.41	75.00	0.000	0.015	0.01
14	7:34	1.01	0.817	1.01	0.09	15.00	0.021	3.356	0.01
15	7:28		0.806						
16	8:48	1.00	0.950	1.00	0.08	15.00	0.008	1.580	0.01
17	10:02	1.00	1.083	1.00	0.02	15.00	0.003	2.564	0.00
18	10:48		1.165						
19	11:22	1.00	1.227	1.00	0.07	15.00	0.014	2.884	0.00
20	12:06	1.00	1.306	1.00	0.06	15.00	0.004	1.017	0.00
21	12:00	1.00	0.655	1.00	3.84	75.00	0.001	0.014	0.05
22	13:20	1.00	0.727	1.00	0.04	15.00	0.002	0.883	0.00
23	13:42	0.97	0.747	0.97	0.00	15.00	0.000	0.740	0.00
24	13:56	1.00	0.760	1.00	0.08	30.00	0.001	0.279	0.00
25	14:18	1.00	0.780	1.00	0.04	15.00	0.002	0.822	0.00
26	15:36	1.00	0.851	1.00	0.02	15.00	0.001	0.587	0.00
27	15:52	1.00	0.865	1.00	0.05	24.30	0.001	0.716	0.00
28	16:26	1.00	0.896	1.00	0.18	15.00	0.011	0.918	0.01
29	17:04	1.00	0.931	1.00	0.06	15.00	0.003	0.769	0.00
30	17:10	1.00	0.936	1.00	0.12	15.00	0.003	0.386	0.01
31	16:56		0.924						
32	17:10	1.00	0.936	1.00	0.02	5.70	0.002	0.522	0.00
33	18:14		0.995						
34	19:44	1.00	1.076	1.00	0.14	15.00	0.005	0.491	0.01
35	20:12	1.00	0.904	1.00	0.75	30.00	0.009	0.349	0.02
36	21:44	1.00	0.973	1.00	0.84	30.00	0.006	0.219	0.03
37	22:06	1.00	0.990	1.00	0.16	15.00	0.017	1.573	0.01
38	22:04	1.00	0.988	1.00	0.30	15.00	0.014	0.691	0.02
39	23:22	1.00	1.046	1.00	0.22	15.00	0.029	2.027	0.01
40	24:32	1.00	1.099	1.00	0.08	15.00	0.016	2.865	0.01
41	26:24	1.00	1.182	1.00	0.10	15.00	0.010	1.524	0.01
42	30:12	1.00	1.352	1.00	0.11	15.00	0.017	2.357	0.01
43	30:26	1.00	1.363	1.00	0.13	15.00	0.014	1.640	0.01
44	31:22	1.00	1.404	1.00	0.12	15.00	0.013	1.582	0.01

PROCEDURE: TCA DIAGNOSTIC REPORT 12/09/92 20:31:07
DATA FILE: 1209BLK2
REFERENCE: VP11
NAME LIST: VP INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: VP_IS

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
3	3	1	0	6	6	1	0	VP_IS/VP_SURR
3	3	1	0	12	6	6	99	VP_IS/VP_CMPDS1
3	3	1	0	12	4	1	0	VP_IS/VP_CMPDS2
3	3	1	0	12	3	1	0	VP_IS/VP_CMPDS3
3	3	1	0	14	9	12	49	VP_IS/VP_CMPDS4

44 COMPOUNDS PROCESSED, 16 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VP	1	278	278	278	.	1	952	.	128	278	.	1
2	VP	2	550	550	550	.	1	982	.	77	550	.	1
3	VP	3	670	670	670	.	1	988	.	55	670	.	1
4	VP	4	359	359	359	.	1	981	.	65	359	.	1
5	VP	5	504	504	504	.	1	971	.	84	503	-1	1
6	VP	6	696	696	696	.	1	993	.	98	696	.	1
7	VP	7	-49	48	.	.	.	.	.	50	.	.	.
8	VP	8	-77	76	.	.	.	.	.	94	.	.	.
9	VP	9	-88	87	.	.	.	.	.	62	.	.	.
10	VP	10	-119	118	.	.	.	.	.	64	116	.	1
11	VP	11	182	181	182	1	1	947	.	84	182	.	1
12	VP	12	-201	200	.	.	.	.	.	43	.	.	.
13	VP	13	-204	203	202	-1	2	653	.	56	202	.	1
14	VP	14	229	228	227	-1	3	984	.	76	228	1	1
15	VP	15	-224	223	.	.	.	.	.	53	.	.	.
16	VP	16	-263	263	.	.	.	.	.	96	264	.	1
17	VP	17	-301	301	.	.	.	.	.	63		.	.
18	VP	18	-323	323	.	.	.	.	.	96	323	.	2
19	VP	19	-340	340	.	.	.	.	.	83	341	.	1
20	VP	20	-362	362	.	.	.	.	.	62	.	.	.
21	VP	21	361	361	361	.	1	989	.	72	361	.	1
22	VP	22	-399	399	.	.	.	.	.	97	400	.	1
23	VP	23	-399	399	.	.	.	.	.	117	.	.	.
24	VP	24	-417	417	.	.	.	.	.	43	.	.	.
25	VP	25	-429	429	.	.	.	.	.	83	428	.	1
26	VP	26	-469	469	.	.	.	.	.	63	467	.	1
27	VP	27	-477	477	.	.	.	.	.	75	478	.	1
28	VP	28	494	494	.	.	.	.	.	130	493	.	1
29	VP	29	-512	512	.	.	.	.	.	129	511	.	1
30	VP	30	516	516	.	.	.	.	.	97	.	.	.
31	VP	31	-509	509	.	.	.	.	.	78	.	.	.
32	VP	32	-514	514	.	.	.	.	.	75	.	.	.
33	VP	33	-547	547	.	.	.	.	.	63	.	.	.
34	VP	34	593	593	.	.	.	.	.	173	.	.	.
35	VP	35	606	606	607	1	3	953	.	43	.	.	.
36	VP	36	-653	653	.	.	.	.	.	43	.	.	.
37	VP	37	-662	662	.	.	.	.	.	164	663	.	1
38	VP	38	662	662	.	.	.	.	.	83	.	.	.
39	VP	39	701	701	701	.	1	958	.	92	702	1	1
40	VP	40	737	737	.	.	.	.	.	112	737	.	1
41	VP	41	792	792	792	.	1	937	.	106	792	.	1
42	VP	42	909	910	910	.	2	916	.	104	912	2	1
43	VP	44	914	915	914	-1	1	948	.	106	916	2	1
44	VP	45	943	944	944	.	2	937	.	106	943	-1	1

Quantitation Report File: 1209BLK2

Data: 1209BLK2.TI
12/09/92 19:43:00
Sample: CLP,1077,,1209BLK2,L,W,,V,BLANK
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	278	9:16	1	1.000	A BB	117549.	10.000 UG/L	15.96
2	77	550	18:20	2	1.000	A BB	307393.	10.000 UG/L	15.96
3	55	670	22:20	3	1.000	A BB	177412.	10.000 UG/L	15.96
4	65	359	11:58	1	1.291	A BB	66966.	8.588 UG/L	13.71
5	84	503	16:46	2	0.915	A BB	357995.	10.189 UG/L	16.26
6	98	696	23:12	3	1.039	A BB	656079.	11.438 UG/L	18.25
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	64	116	3:52	1	0.417	A BV	363.	0.090 UG/L	0.14
11	84	182	6:04	1	0.655	A BB	3265.	0.283 UG/L	0.45
12	NOT FOUND								
13	56	202	6:44	1	0.727	A BB	38.	0.223 UG/L	0.36
14	76	228	7:36	1	0.820	A BB	907.	0.023 UG/L	0.04
15	NOT FOUND								
16	96	264	8:48	1	0.950	A BB	407.	0.022 UG/L	0.03
17	NOT FOUND								
18	96	323	10:46	1	1.162	A*BB	109.	0.005 UG/L	0.01
19	83	341	11:22	1	1.227	A BB	1781.	0.053 UG/L	0.08
20	NOT FOUND								
21	72	361	12:02	2	0.656	A BB	501.	1.199 UG/L	1.91
22	97	400	13:20	2	0.727	A BB	727.	0.027 UG/L	0.04
23	NOT FOUND								
24	NOT FOUND								
25	83	428	14:16	2	0.778	A BB	534.	0.021 UG/L	0.03
26	63	467	15:34	2	0.849	A BB	73.	0.004 UG/L	0.01
27	75	478	15:56	2	0.869	A BB	210.	0.010 UG/L	0.02
28	130	493	16:26	2	0.896	A BB	2558.	0.091 UG/L	0.14
29	129	511	17:02	2	0.929	A BB	149.	0.006 UG/L	0.01
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	164	663	22:06	3	0.990	A BB	1080.	0.039 UG/L	0.06
38	NOT FOUND								
39	92	702	23:24	3	1.048	A BB	5809.	0.162 UG/L	0.26
40	112	737	24:34	3	1.100	A BB	989.	0.019 UG/L	0.03
41	106	792	26:24	3	1.182	A BB	1082.	0.040 UG/L	0.06
42	104	912	30:24	3	1.361	A VB	601.	0.014 UG/L	0.02
43	106	916	30:32	3	1.367	A BB	1892.	0.065 UG/L	0.10
44	106	943	31:26	3	1.407	A BB	1493.	0.053 UG/L	0.08

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:16	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:00	1.00	1.295	1.00	8.59	10.00	0.570	0.663	0.86
5	16:48	1.00	0.916	1.00	10.19	10.00	1.165	1.143	1.02
6	23:12	1.00	1.039	1.00	11.44	10.00	3.698	3.233	1.14
7	1:38		0.176						
8	2:34		0.277						
9	2:54		0.313						
10	3:58	0.97	0.428	0.97	0.09	30.00	0.001	0.342	0.00

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:04	1.00	0.655	1.00	0.28	15.00	0.019	0.982	0.02
12	6:42		0.723						
13	6:50	0.99	0.737	0.99	0.22	75.00	0.000	0.015	0.00
14	7:34	1.00	0.817	1.00	0.02	15.00	0.005	3.356	0.00
15	7:28		0.806						
16	8:48	1.00	0.950	1.00	0.02	15.00	0.002	1.580	0.00
17	10:02		1.083						
18	10:48	1.00	1.165	1.00	0.01	15.00	0.001	1.699	0.00
19	11:22	1.00	1.227	1.00	0.05	15.00	0.010	2.884	0.00
20	12:06		1.306						
21	12:00	1.00	0.655	1.00	1.20	75.00	0.000	0.014	0.02
22	13:20	1.00	0.727	1.00	0.03	15.00	0.002	0.883	0.00
23	13:42		0.747						
24	13:56		0.760						
25	14:18	1.00	0.780	1.00	0.02	15.00	0.001	0.822	0.00
26	15:36	1.00	0.851	1.00	0.00	15.00	0.000	0.587	0.00
27	15:52	1.00	0.865	1.00	0.01	24.30	0.000	0.716	0.00
28	16:26	1.00	0.896	1.00	0.09	15.00	0.006	0.918	0.01
29	17:04	1.00	0.931	1.00	0.01	15.00	0.000	0.769	0.00
30	17:10		0.936						
31	16:56		0.924						
32	17:10		0.936						
33	18:14		0.995						
34	19:44		1.076						
35	20:12		0.904						
36	21:44		0.973						
37	22:06	1.00	0.990	1.00	0.04	15.00	0.004	1.573	0.00
38	22:04		0.988						
39	23:22	1.00	1.046	1.00	0.16	15.00	0.022	2.027	0.01
40	24:32	1.00	1.099	1.00	0.02	15.00	0.004	2.865	0.00
41	26:24	1.00	1.182	1.00	0.04	15.00	0.004	1.524	0.00
42	30:12	1.01	1.352	1.01	0.01	15.00	0.002	2.357	0.00
43	30:26	1.00	1.363	1.00	0.07	15.00	0.007	1.640	0.00
44	31:22	1.00	1.404	1.00	0.05	15.00	0.006	1.582	0.00

PROCEDURE: TCA DIAGNOSTIC REPORT 12/09/92 21:25:16
DATA FILE: 1209CHK
REFERENCE: VP11
NAME LIST: VP INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: VP_IS

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
3	3	3	0	6	6	1	46	VP_IS/VP_SURR
3	3	1	0	12	11	8	41	VP_IS/VP_CMPDS1
3	3	1	0	12	12	1	30	VP_IS/VP_CMPDS2
3	3	1	0	12	11	1	68	VP_IS/VP_CMPDS3
3	3	1	0	14	12	1	91	VP_IS/VP_CMPDS4

44 COMPOUNDS PROCESSED, 40 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VP	1	278	279	279	.	1	955	.	128	279	.	1
2	VP	2	550	551	551	.	3	981	.	77	551	.	1
3	VP	3	670	671	671	.	1	989	.	55	671	.	1
4	VP	4	359	360	360	.	1	983	.	65	360	.	1
5	VP	5	504	505	504	-1	1	967	.	84	504	.	1
6	VP	6	696	697	697	.	1	995	.	98	697	.	1
7	VP	7	-48	49	49	.	2	985	.	50	49	.	1
8	VP	8	-76	77	78	1	2	1000	.	94	78	.	1
9	VP	9	-87	88	88	.	2	997	.	62	88	.	1
10	VP	10	-118	119	119	.	1	1000	.	64	119	.	1
11	VP	11	182	183	183	.	1	979	.	84	183	.	1
12	VP	12	-200	201	202	1	1	805	.	43	201	-1	1
13	VP	13	202	203	203	.	1	834	.	56	203	.	1
14	VP	14	227	228	228	.	1	998	.	76	228	.	1
15	VP	15	-223	224	.	.	.	.	.	53	.	.	.
16	VP	16	-263	264	264	.	1	958	.	96	264	.	1
17	VP	17	-301	302	302	.	1	957	.	63	302	.	1
18	VP	18	-323	324	324	.	1	956	.	96	324	.	1
19	VP	19	-340	341	341	.	1	940	.	83	341	.	1
20	VP	20	-362	363	363	.	1	958	.	62	363	.	1
21	VP	21	361	362	361	-1	1	998	.	72	362	1	1
22	VP	22	-399	400	400	.	1	932	.	97	400	.	1
23	VP	23	-399	400	400	.	1	957	.	117	400	.	1
24	VP	24	-417	418	418	.	1	964	.	43	418	.	1
25	VP	25	-429	429	429	.	1	960	.	83	429	.	1
26	VP	26	-469	469	469	.	1	976	.	63	469	.	1
27	VP	27	-477	477	477	.	1	957	.	75	477	.	1
28	VP	28	-494	494	494	.	1	938	.	130	494	.	1
29	VP	29	-512	512	512	.	1	971	.	129	512	.	1
30	VP	30	-516	516	515	-1	1	986	.	97	515	.	1
31	VP	31	-509	509	509	.	1	983	.	78	509	.	1
32	VP	32	-514	514	515	1	1	924	.	75	515	.	1
33	VP	33	-547	547	.	.	.	.	.	63	.	.	.
34	VP	34	-593	594	593	-1	1	929	.	173	593	.	1
35	VP	35	607	608	606	-2	1	985	.	43	606	.	1
36	VP	36	-653	654	653	-1	1	934	.	43	653	.	1
37	VP	37	-662	663	.	.	.	.	.	164	663	.	1
38	VP	38	-662	663	.	.	.	.	.	83	662	.	1
39	VP	39	701	702	702	.	1	990	.	92	702	.	1
40	VP	40	-737	738	737	-1	1	975	.	112	737	.	1
41	VP	41	792	793	794	1	1	992	.	106	794	.	1
42	VP	42	910	911	910	-1	1	989	.	104	909	-1	1
43	VP	44	914	915	916	1	1	994	.	106	916	.	1
44	VP	45	944	945	945	.	1	999	.	106	945	.	1

Quantitation Report File: 1209CHK

Data: 1209CHK.TI
12/09/92 20:37:00
Sample: CLP,1077,,1209BLK3,L,W,,V,1209CHK
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	128	279	9:18	1	1.000	A BB	108786.	10.000	UG/L	1.83
2	77	551	18:22	2	1.000	A BB	316498.	10.000	UG/L	1.83
3	55	671	22:22	3	1.000	A BB	184899.	10.000	UG/L	1.83
4	65	360	12:00	1	1.290	A BB	72142.	9.997	UG/L	1.83
5	84	504	16:48	2	0.915	A VB	347805.	9.615	UG/L	1.76
6	98	697	23:14	3	1.039	A BB	655554.	10.966	UG/L	2.00
7	50	49	1:38	1	0.176	A VB	240664.	33.780	UG/L	6.17
8	94	78	2:36	1	0.280	A VB	174294.	35.171	UG/L	6.43
9	62	88	2:56	1	0.315	A BB	269532.	35.928	UG/L	6.57
10	64	119	3:58	1	0.427	A BB	152312.	40.889	UG/L	7.47
11	84	183	6:06	1	0.656	A BB	88373.	8.276	UG/L	1.51
12	43	201	6:42	1	0.720	A BB	12355.	17.291	UG/L	3.16
13	56	203	6:46	1	0.728	A BB	1120.	7.091	UG/L	1.30
14	76	228	7:36	1	0.817	A BB	293990.	8.052	UG/L	1.47
15	NOT	FOUND								
16	96	264	8:48	1	0.946	A BB	155044.	9.022	UG/L	1.65
17	63	302	10:04	1	1.082	A BB	296141.	10.617	UG/L	1.94
18	96	324	10:48	1	1.161	A BB	355362.	19.228	UG/L	3.51
19	83	341	11:22	1	1.222	A BB	323635.	10.314	UG/L	1.89
20	62	363	12:06	1	1.301	A BB	123898.	11.195	UG/L	2.05
21	72	362	12:04	2	0.657	A BB	5225.	12.145	UG/L	2.22
22	97	400	13:20	2	0.726	A BB	288402.	10.323	UG/L	1.89
23	117	400	13:20	2	0.726	A BV	48346.	2.063	UG/L	0.38
24	43	418	13:56	2	0.759	A BB	33119.	3.747	UG/L	0.68
25	83	429	14:18	2	0.779	A BB	259177.	9.962	UG/L	1.82
26	63	469	15:38	2	0.851	A BB	185458.	9.976	UG/L	1.82
27	75	477	15:54	2	0.866	A BB	242539.	10.704	UG/L	1.96
28	130	494	16:28	2	0.897	A BB	316673.	10.902	UG/L	1.99
29	129	512	17:04	2	0.929	A BB	249326.	10.246	UG/L	1.87
30	97	515	17:10	2	0.935	A BB	121454.	9.948	UG/L	1.82
31	78	509	16:58	2	0.924	A BB	481304.	10.001	UG/L	1.83
32	75	515	17:10	2	0.935	A BB	140447.	8.499	UG/L	1.55
33	NOT	FOUND								
34	173	593	19:46	2	1.076	A BB	189558.	12.207	UG/L	2.23
35	43	606	20:12	3	0.903	A BB	63672.	9.871	UG/L	1.80
36	43	653	21:46	3	0.973	A BB	55601.	13.700	UG/L	2.50
37	164	663	22:06	3	0.988	A BB	358655.	12.335	UG/L	2.25
38	83	662	22:04	3	0.987	A BB	107097.	8.382	UG/L	1.53
39	92	702	23:24	3	1.046	A BB	382907.	10.218	UG/L	1.87
40	112	737	24:34	3	1.098	A BB	566615.	10.696	UG/L	1.96
41	106	794	26:28	3	1.183	A BB	281937.	10.004	UG/L	1.83
42	104	909	30:18	3	1.355	A BB	473622.	10.866	UG/L	1.99
43	106	916	30:32	3	1.365	A BB	323784.	10.676	UG/L	1.95
44	106	945	31:30	3	1.408	A BB	647740.	22.149	UG/L	4.05

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:16	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:00	1.00	1.295	1.00	10.00	10.00	0.663	0.663	1.00
5	16:48	1.00	0.916	1.00	9.61	10.00	1.099	1.143	0.96
6	23:12	1.00	1.039	1.00	10.97	10.00	3.545	3.233	1.10
7	1:38	1.00	0.176	1.00	33.78	30.00	0.737	0.655	1.13
8	2:34	1.01	0.277	1.01	35.17	30.00	0.534	0.456	1.17
9	2:54	1.01	0.313	1.01	35.93	30.00	0.826	0.690	1.20
10	3:58	1.00	0.428	1.00	40.89	30.00	0.467	0.342	1.36

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:04	1.01	0.655	1.00	8.28	15.00	0.542	0.982	0.55
12	6:42	1.00	0.723	1.00	17.29	75.00	0.015	0.066	0.23
13	6:50	0.99	0.737	0.99	7.09	75.00	0.001	0.015	0.09
14	7:34	1.00	0.817	1.00	8.05	15.00	1.802	3.356	0.54
15	7:28		0.806						
16	8:48	1.00	0.950	1.00	9.02	15.00	0.950	1.580	0.60
17	10:02	1.00	1.083	1.00	10.62	15.00	1.815	2.564	0.71
18	10:48	1.00	1.165	1.00	19.23	15.00	2.178	1.699	1.28
19	11:22	1.00	1.227	1.00	10.31	15.00	1.983	2.884	0.69
20	12:06	1.00	1.306	1.00	11.19	15.00	0.759	1.017	0.75
21	12:00	1.01	0.655	1.00	12.14	75.00	0.002	0.014	0.16
22	13:20	1.00	0.727	1.00	10.32	15.00	0.607	0.883	0.69
23	13:42	0.97	0.747	0.97	2.06	15.00	0.102	0.740	0.14
24	13:56	1.00	0.760	1.00	3.75	30.00	0.035	0.279	0.12
25	14:18	1.00	0.780	1.00	9.96	15.00	0.546	0.822	0.66
26	15:36	1.00	0.851	1.00	9.98	15.00	0.391	0.587	0.67
27	15:52	1.00	0.865	1.00	10.70	24.30	0.315	0.716	0.44
28	16:26	1.00	0.896	1.00	10.90	15.00	0.667	0.918	0.73
29	17:04	1.00	0.931	1.00	10.25	15.00	0.525	0.769	0.68
30	17:10	1.00	0.936	1.00	9.95	15.00	0.256	0.386	0.66
31	16:56	1.00	0.924	1.00	10.00	15.00	1.014	1.521	0.67
32	17:10	1.00	0.936	1.00	8.50	5.70	0.779	0.522	1.49
33	18:14		0.995						
34	19:44	1.00	1.076	1.00	12.21	15.00	0.399	0.491	0.81
35	20:12	1.00	0.904	1.00	9.87	30.00	0.115	0.349	0.33
36	21:44	1.00	0.973	1.00	13.70	30.00	0.100	0.219	0.46
37	22:06	1.00	0.990	1.00	12.34	15.00	1.293	1.573	0.82
38	22:04	1.00	0.988	1.00	8.38	15.00	0.386	0.691	0.56
39	23:22	1.00	1.046	1.00	10.22	15.00	1.381	2.027	0.68
40	24:32	1.00	1.099	1.00	10.70	15.00	2.043	2.865	0.71
41	26:24	1.00	1.182	1.00	10.00	15.00	1.017	1.524	0.67
42	30:12	1.00	1.352	1.00	10.87	15.00	1.708	2.357	0.72
43	30:26	1.00	1.363	1.00	10.68	15.00	1.167	1.640	0.71
44	31:22	1.00	1.404	1.00	22.15	15.00	2.335	1.582	1.48

TCA FINISHED, 40 FOUND
FINISHED AT: 12/09/92 21:31:25

PROCEDURE: TCA DIAGNOSTIC REPORT 12/09/92 22:19:52
DATA FILE: 120BLK3
REFERENCE: VP11
NAME LIST: VP INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: VP_IS

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
3	3	1	0	6	6	1	0	VP_IS/VP_SURR
3	3	1	0	12	5	2	47	VP_IS/VP_CMPDS1
3	3	1	0	12	4	2	56	VP_IS/VP_CMPDS2
3	3	1	0	12	3	1	0	VP_IS/VP_CMPDS3
3	3	1	0	14	7	8	60	VP_IS/VP_CMPDS4

44 COMPOUNDS PROCESSED, 13 FOUND

< COMPOUND ><			---------- SEARCH ----------					>< SAT ><		------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VP	1	279	279	279	.	1	953	.	128	279	.	1
2	VP	2	551	551	551	.	1	985	.	77	551	.	1
3	VP	3	671	671	671	.	1	990	.	55	671	.	1
4	VP	4	360	360	360	.	1	983	.	65	360	.	1
5	VP	5	504	504	504	.	1	969	.	84	504	.	1
6	VP	6	697	697	697	.	1	993	.	98	697	.	1
7	VP	7	49	49	.	.	.	.	.	50	48	.	1
8	VP	8	78	78	.	.	.	.	.	94	.	.	.
9	VP	9	88	88	.	.	.	.	.	62	.	.	.
10	VP	10	119	119	.	.	.	.	.	64	119	.	1
11	VP	11	183	183	183	.	2	955	.	84	184	1	1
12	VP	12	202	202	.	.	.	.	.	43	203	.	1
13	VP	13	203	203	.	.	.	.	.	56	.	.	.
14	VP	14	228	228	229	1	1	917	.	76	229	.	1
15	VP	15	-224	224	.	.	.	.	.	53	.	.	.
16	VP	16	264	264	.	.	.	.	.	96	264	.	1
17	VP	17	302	302	.	.	.	.	.	63	302	.	1
18	VP	18	324	324	.	.	.	.	.	96	324	.	1
19	VP	19	341	341	.	.	.	.	.	83	341	.	1
20	VP	20	363	363	.	.	.	.	.	62	363	.	1
21	VP	21	361	361	360	-1	2	987	.	72	.	.	.
22	VP	22	400	400	.	.	.	.	.	97	400	.	1
23	VP	23	400	400	.	.	.	.	.	117	.	.	.
24	VP	24	418	418	.	.	.	.	.	43	.	.	.
25	VP	25	429	429	.	.	.	.	.	83	428	.	1
26	VP	26	469	469	.	.	.	.	.	63	.	.	.
27	VP	27	477	477	.	.	.	.	.	75	.	.	.
28	VP	28	494	494	.	.	.	.	.	130	494	.	1
29	VP	29	512	512	.	.	.	.	.	129	513	.	1
30	VP	30	515	515	.	.	.	.	.	97	516	.	1
31	VP	31	509	509	.	.	.	.	.	78	.	.	.
32	VP	32	515	515	.	.	.	.	.	75	516	.	1
33	VP	33	-547	547	.	.	.	.	.	63	.	.	.
34	VP	34	593	593	.	.	.	.	.	173	592	.	1
35	VP	35	606	606	605	-1	2	960	.	43	607	2	1
36	VP	36	653	653	.	.	.	.	.	43	652	.	1
37	VP	37	-663	663	.	.	.	.	.	164	663	.	1
38	VP	38	-663	663	.	.	.	.	.	83	663	.	1
39	VP	39	702	702	.	.	.	.	.	92	703	.	1
40	VP	40	737	737	.	.	.	.	.	112	738	.	1
41	VP	41	794	794	.	.	.	.	.	106	795	.	1
42	VP	42	910	911	911	.	2	907	.	104	911	.	1
43	VP	44	916	917	917	.	2	919	.	106	918	1	1
44	VP	45	945	946	946	.	1	949	.	106	948	2	1

Quantitation Report File: 120BLK3

Data: 120BLK3.TI
12/09/92 21:32:00
Sample: CLP,1077,1209BLK3,L,W,,V,BLANK
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	128	279	9:18	1	1.000	A BB	68051.	10.000 UG/L	14.77
2	77	551	18:22	2	1.000	A BB	185160.	10.000 UG/L	14.77
3	55	671	22:22	3	1.000	A BB	100295.	10.000 UG/L	14.77
4	65	360	12:00	1	1.290	A BB	42405.	9.394 UG/L	13.87
5	84	504	16:48	2	0.915	A BB	247684.	11.704 UG/L	17.28
6	98	697	23:14	3	1.039	A BB	445411.	13.737 UG/L	20.28
7	50	48	1:36	1	0.172	A BB	75.	0.017 UG/L	0.02
8	NOT FOUND								
9	NOT FOUND								
10	64	119	3:58	1	0.427	A BB	173.	0.074 UG/L	0.11
11	84	184	6:08	1	0.659	A BB	1763.	0.264 UG/L	0.39
12	43	203	6:46	1	0.728	A BB	431.	0.964 UG/L	1.42
13	NOT FOUND								
14	76	229	7:38	1	0.821	A BB	1041.	0.046 UG/L	0.07
15	NOT FOUND								
16	96	264	8:48	1	0.946	A BB	243.	0.023 UG/L	0.03
17	63	302	10:04	1	1.082	A BB	43.	0.002 UG/L	0.00
18	96	324	10:48	1	1.161	A BB	158.	0.014 UG/L	0.02
19	83	341	11:22	1	1.222	A BB	2248.	0.115 UG/L	0.17
20	62	363	12:06	1	1.301	A BB	36.	0.005 UG/L	0.01
21	NOT FOUND								
22	97	400	13:20	2	0.726	A BB	170.	0.010 UG/L	0.02
23	NOT FOUND								
24	NOT FOUND								
25	83	428	14:16	2	0.777	A BB	479.	0.031 UG/L	0.05
26	NOT FOUND								
27	NOT FOUND								
28	130	494	16:28	2	0.897	A BB	2018.	0.119 UG/L	0.18
29	129	513	17:06	2	0.931	A BB	310.	0.022 UG/L	0.03
30	97	516	17:12	2	0.936	A BB	458.	0.064 UG/L	0.09
31	NOT FOUND								
32	75	516	17:12	2	0.936	A BV	325.	0.034 UG/L	0.05
33	NOT FOUND								
34	173	592	19:44	2	1.074	A BB	434.	0.048 UG/L	0.07
35	43	607	20:14	3	0.905	A BB	615.	0.176 UG/L	0.26
36	43	652	21:44	3	0.972	A BB	639.	0.290 UG/L	0.43
37	164	663	22:06	3	0.988	A BB	920.	0.058 UG/L	0.09
38	83	663	22:06	3	0.988	A BB	1145.	0.165 UG/L	0.24
39	92	703	23:26	3	1.048	A BB	2335.	0.115 UG/L	0.17
40	112	738	24:36	3	1.100	A BB	1095.	0.038 UG/L	0.06
41	106	795	26:30	3	1.185	A BB	833.	0.054 UG/L	0.08
42	104	911	30:22	3	1.358	A BB	1495.	0.063 UG/L	0.09
43	106	918	30:36	3	1.368	A VV	578.	0.035 UG/L	0.05
44	106	948	31:36	3	1.413	A BB	998.	0.063 UG/L	0.09

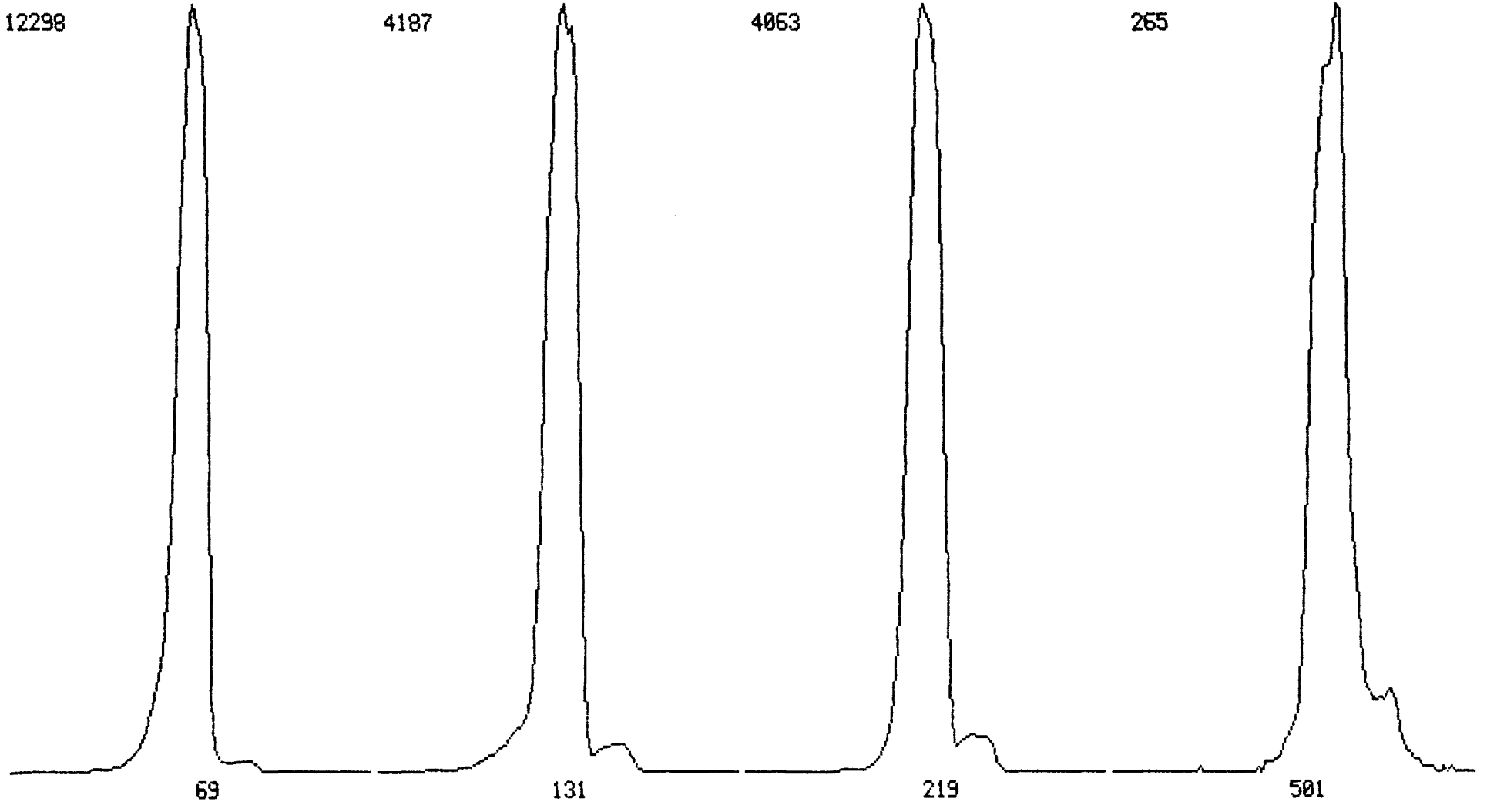
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:16	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:00	1.00	1.295	1.00	9.39	10.00	0.623	0.663	0.94
5	16:48	1.00	0.916	1.00	11.70	10.00	1.338	1.143	1.17
6	23:12	1.00	1.039	1.00	13.74	10.00	4.441	3.233	1.37
7	1:38	0.98	0.176	0.98	0.02	30.00	0.000	0.655	0.00
8	2:34		0.277						
9	2:54		0.313						
10	3:58	1.00	0.428	1.00	0.07	30.00	0.001	0.342	0.00

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:04	1.01	0.655	1.01	0.26	15.00	0.017	0.982	0.02
12	6:42	1.01	0.723	1.01	0.96	75.00	0.001	0.066	0.01
13	6:50		0.737						
14	7:34	1.01	0.817	1.01	0.05	15.00	0.010	3.356	0.00
15	7:28		0.806						
16	8:48	1.00	0.950	1.00	0.02	15.00	0.002	1.580	0.00
17	10:02	1.00	1.083	1.00	0.00	15.00	0.000	2.564	0.00
18	10:48	1.00	1.165	1.00	0.01	15.00	0.002	1.699	0.00
19	11:22	1.00	1.227	1.00	0.11	15.00	0.022	2.884	0.01
20	12:06	1.00	1.306	1.00	0.01	15.00	0.000	1.017	0.00
21	12:00		0.655						
22	13:20	1.00	0.727	1.00	0.01	15.00	0.001	0.883	0.00
23	13:42		0.747						
24	13:56		0.760						
25	14:18	1.00	0.780	1.00	0.03	15.00	0.002	0.822	0.00
26	15:36		0.851						
27	15:52		0.865						
28	16:26	1.00	0.896	1.00	0.12	15.00	0.007	0.918	0.01
29	17:04	1.00	0.931	1.00	0.02	15.00	0.001	0.769	0.00
30	17:10	1.00	0.936	1.00	0.06	15.00	0.002	0.386	0.00
31	16:56		0.924						
32	17:10	1.00	0.936	1.00	0.03	5.70	0.003	0.522	0.01
33	18:14		0.995						
34	19:44	1.00	1.076	1.00	0.05	15.00	0.002	0.491	0.00
35	20:12	1.00	0.904	1.00	0.18	30.00	0.002	0.349	0.01
36	21:44	1.00	0.973	1.00	0.29	30.00	0.002	0.219	0.01
37	22:06	1.00	0.990	1.00	0.06	15.00	0.006	1.573	0.00
38	22:04	1.00	0.988	1.00	0.17	15.00	0.008	0.691	0.01
39	23:22	1.00	1.046	1.00	0.11	15.00	0.016	2.027	0.01
40	24:32	1.00	1.099	1.00	0.04	15.00	0.007	2.865	0.00
41	26:24	1.00	1.182	1.00	0.05	15.00	0.006	1.524	0.00
42	30:12	1.01	1.352	1.00	0.06	15.00	0.010	2.357	0.00
43	30:26	1.01	1.363	1.00	0.04	15.00	0.004	1.640	0.00
44	31:22	1.01	1.404	1.01	0.06	15.00	0.007	1.582	0.00

TCA FINISHED, 13 FOUND
FINISHED AT: 12/09/92 22:25:33

SCAN MT:ON LINEAR DISPLAY 10 DEC 92 09:44:33
EM LIMIT: 2000 SMOOTHING: 1 CG:ON SINGLE
POSITIVE MODE. EMISSION REGULN. VOLTAGES ENABLED. LOW ELECTRON ENERGY.
EM (897V): ON EMISSION: 750UA RANGE: 10^-7 ZERO: 132 FILAMENT: ON

1 RESOLUTION HI(+)	128	7 EXT OFFSET (+)	0.0
2 RESOLUTION LO(+)	128	8 EXT PROGRAM (+)	0.0
3 QUAD OFFSET (+)	0.0	9 COLLECTOR (+)	30.0
4 QUAD PROGRAM (+)	0.0	10 ION OFFSET (+)	5.0
5 LENS OFFSET (+)	-50.0	11 ION PROGRAM (+)	5.0
6 LENS PROGRAM (+)	0.0	12 ROD POLARITY (+)	REV

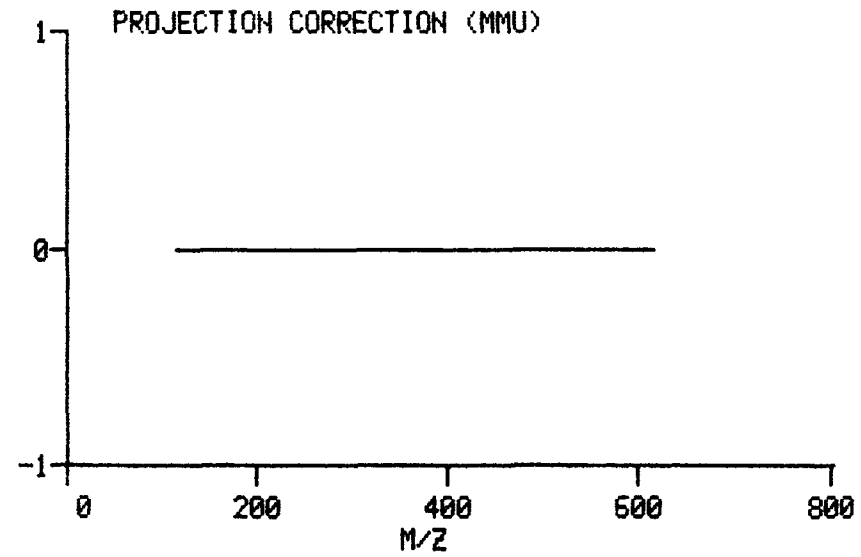


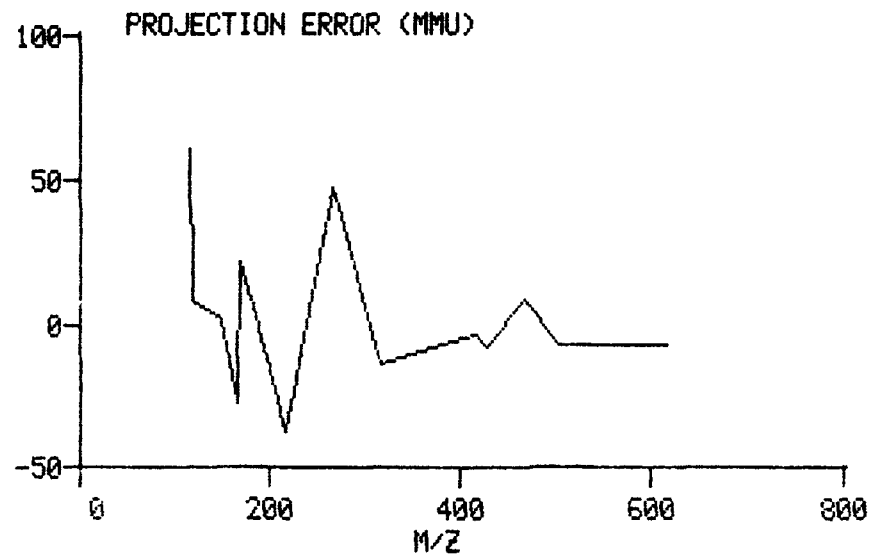
DIAGNOSTICS/CALIBRATE

RUN: CALI SCAN: 3
PROJECTION PARAMETERS

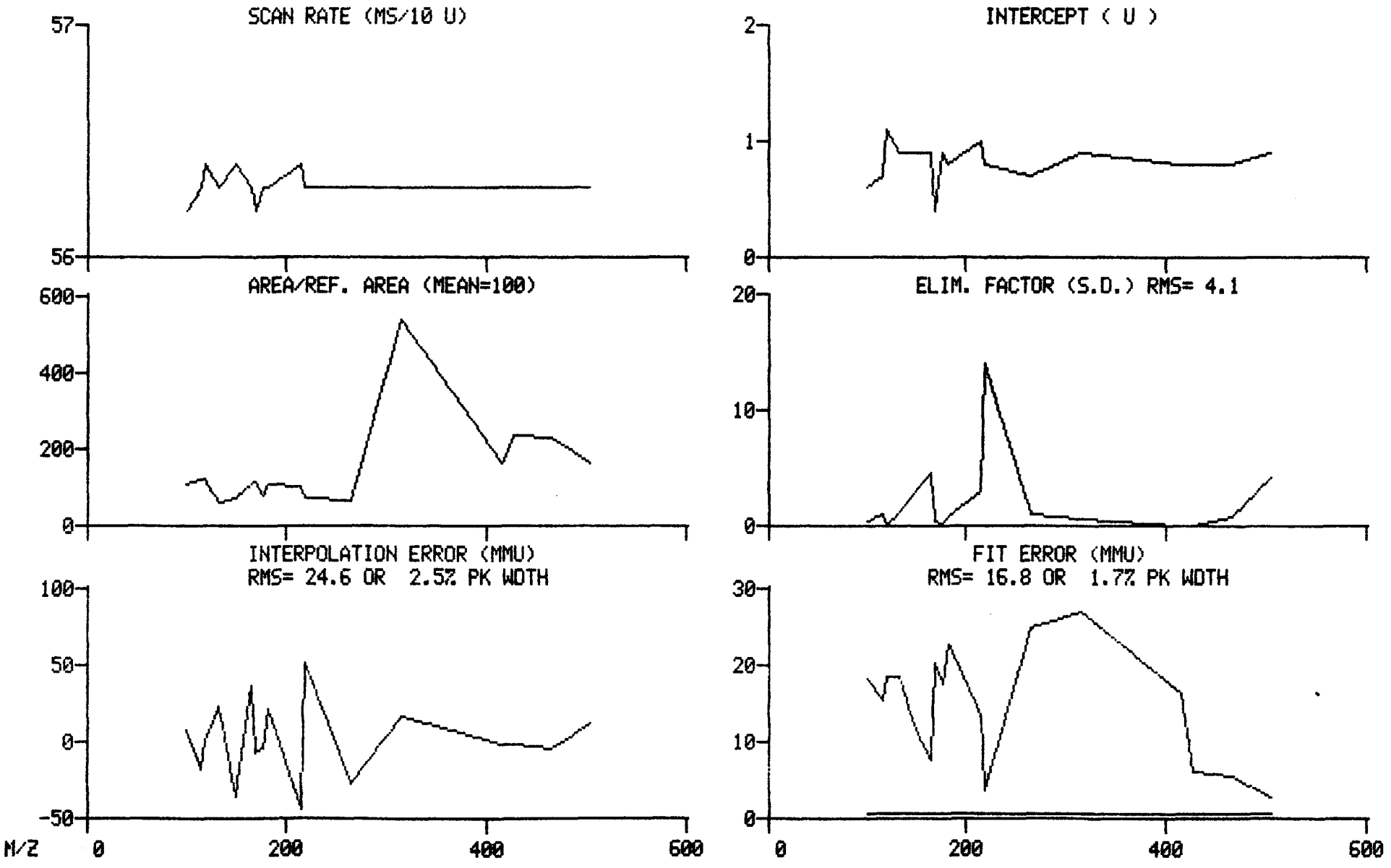
	PEAKS	FEEDBACK
UP:	4	0.1
DOWN:	4	0.1

19 OF 19 REFERENCE PEAKS FOUND
LOW MASS 69 HIGH MASS 614





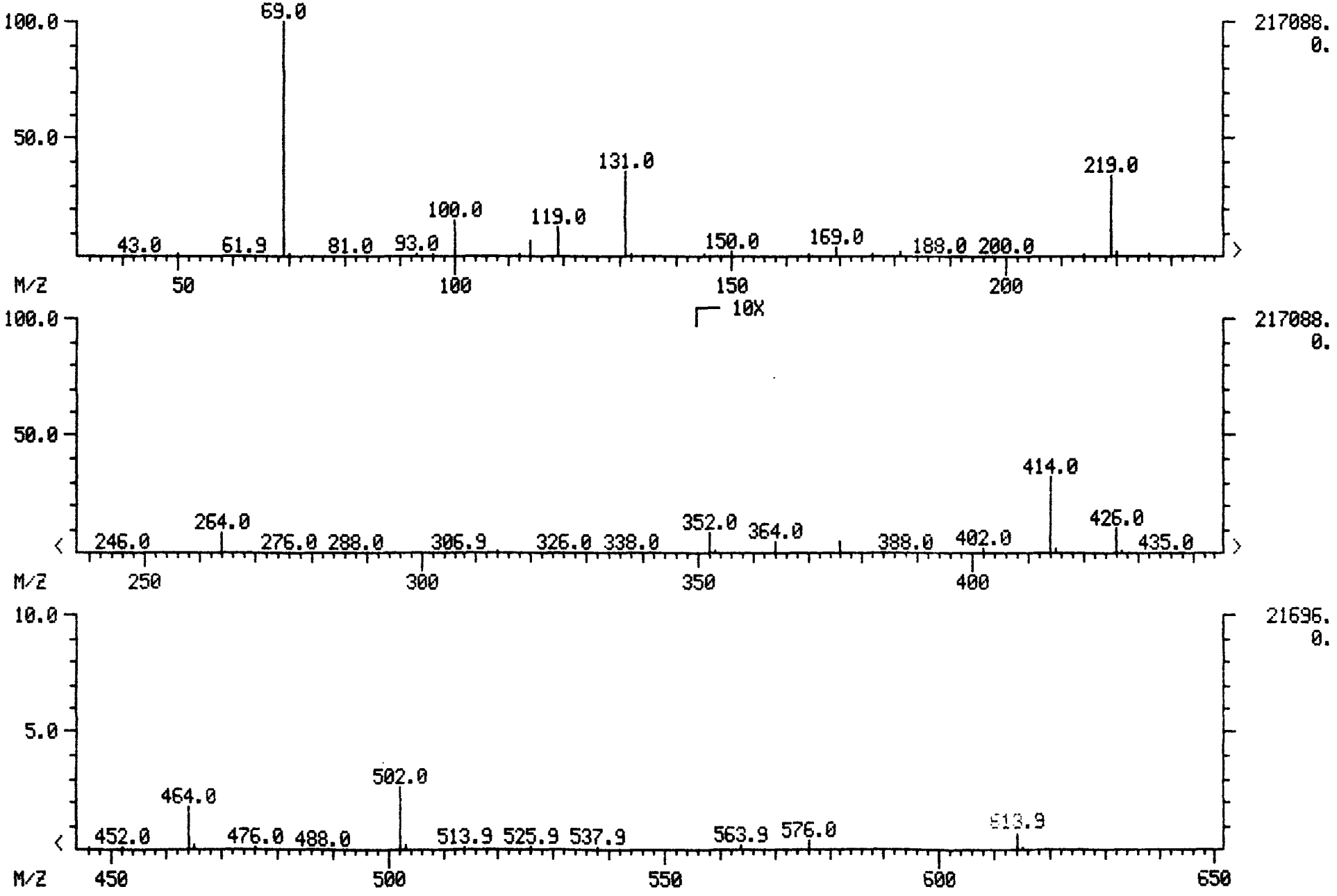
DIAGNOSTICS/FIT FITTING POINTS: 6 DATA POINTS: 17
DATA: CALI (CALI) #3 12/10/92 9:45:00 + 0:05
REFERENCE TABLE: FC43 MIN. AREA: 20
LINEAR SCAN WITH INSTRUMENT INCOS1 FROM 32 TO 650 U IN 1.7 S
SAMPLES/PEAK: 10 MILLISECONDS/SAMPLE: 0.100 PEAK WIDTH: 1000.



MASS SPECTRUM
12/10/92 9:45:00 + 0:05
SAMPLE: FC43 CALIBRATION
CONDS.: 45' (3MIN) TO 220 @ 15'/MIN
TEMP: 150 DEG. C

DATA: CALI #3
CALI: CALI #3

BASE M/Z: 69
RIC: 557056.



Mass List Data: CALI # 3 Base m/z: 69
12/10/92 9:45:00 + 0:05 Cali: CALI # 3 RIC: 557056.
Sample: FC43 CALIBRATION
Conds.: 45' (3MIN) TO 220 @ 15'/MIN

33		0.00	0.	Minima	Min	Inten:	96.
615				Maxima	#	0	
Mass		% RA	Inten.	Mass		% RA	Inten.
33?		0.30	658.	212		0.05	101.
50?F		1.18	2556.	214	F	1.18	2552.
51?F		0.18	387.	215	F	0.07	154.
62?		0.11	231.	219	F	34.32	74496.
69	F	100.00	217088.	220	F	1.48	3204.
70	F	1.19	2576.	226	F	0.67	1458.
74		0.10	209.	228	F	0.10	219.
75	F	0.06	139.	231		0.38	829.
76	F	0.37	796.	238		0.09	200.
78	F	0.16	355.	243		0.06	136.
81		0.41	886.	245	F	0.05	106.
89	M	0.05	113.	246	F	0.26	562.
93	F	1.30	2812.	264	F	8.96	19456.
94	F	0.09	188.	265	F	0.45	984.
95	F	0.46	1001.	269		0.25	544.
96	F	0.99	2148.	276	F	0.21	464.
100	F	15.21	33024.	277	F	0.06	120.
101	F	0.31	682.	281		0.14	299.
107		0.09	187.	288		0.06	140.
112	F	0.73	1576.	295	F	0.11	235.
114	F	6.71	14560.	296	F	0.24	520.
115	F	0.16	347.	314	F	1.36	2944.
119	F	12.38	26880.	316	F	0.30	647.
120	F	0.25	546.	326	F	0.25	550.
124	F	0.10	227.	331		0.05	116.
126	F	0.26	566.	338		0.08	175.
127	F	0.07	143.	345	F	0.05	110.
131	F	36.62	79488.	352	F	0.88	1902.
132	F	1.14	2472.	353	F	0.05	119.
138		0.23	503.	364	F	0.48	1044.
143	F	0.21	459.	376	F	0.45	977.
145	F	0.87	1886.	402		0.20	439.
150	F	1.70	3684.	414	F	3.25	7056.
151	F	0.06	128.	415	F	0.23	502.
157	F	0.06	124.	426	F	1.05	2280.
162	F	0.26	562.	427	F	0.09	186.
163	F	0.26	570.	446	F	0.09	202.
164	F	1.21	2624.	452		0.12	250.
169	F	3.77	8176.	464	F	1.85	4008.
170	F	0.12	258.	465	F	0.15	328.
176	F	1.18	2564.	476		0.08	174.
177	F	0.06	128.	502	F	2.66	5768.
181	F	1.66	3596.	503	F	0.18	398.
182	F	0.11	244.	514	F	0.12	259.
188		0.14	313.	526		0.11	242.
193		0.11	232.	538		0.07	151.
195	F	0.15	318.	564		0.15	318.
200		0.26	558.	576	F	0.38	824.
202		0.10	209.	614	F	0.72	1572.
207	F	0.08	181.	615?F		0.05	118.
208	F	0.06	122.				

Data: CALI # 3 Cali: CALI # 3 12/10/92 9:45

Mass	Intensity	% of 69	Target %
69	217088.	100.00	100.00- 0.00
131	79488.	36.62	30.00- 60.00
219	74496.	34.32	30.00- 60.00
414	7056.	3.25	1.40- 4.00
502	5768.	2.66	0.80- 4.00

Isotope Ratio Report

Masses	% Isotope	Target %
70/ 69	1.19	0.80- 1.30
132/131	3.11	2.00- 3.40
220/219	4.30	3.50- 5.20
415/414	7.11	7.20-10.80
503/502	6.90	8.10-12.10

PROCEDURE: TCA DIAGNOSTIC REPORT 12/10/92 11:12:28
DATA FILE: CC1210
REFERENCE: VP11
NAME LIST: VP INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: VP_IS

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
3	3	3	24	6	6	1	33	VP_IS/VP_SURR
3	3	1	24	12	12	4	125	VP_IS/VP_CMPDS1
3	3	1	24	12	12	1	56	VP_IS/VP_CMPDS2
3	3	1	24	12	12	1	42	VP_IS/VP_CMPDS3
3	3	1	24	14	13	1	65	VP_IS/VP_CMPDS4

44 COMPOUNDS PROCESSED, 43 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VP	1	279	280	280	.	1	964	.	128	280	.	1
2	VP	2	551	553	553	.	3	970	.	77	553	.	1
3	VP	3	671	673	673	.	1	981	.	55	673	.	1
4	VP	4	360	362	362	.	1	961	.	65	362	.	1
5	VP	5	504	506	506	.	1	967	.	84	506	.	1
6	VP	6	697	699	699	.	1	992	.	98	699	.	1
7	VP	7	-49	51	51	.	2	982	.	50	51	.	1
8	VP	8	-78	80	81	1	2	999	.	94	80	-1	1
9	VP	9	-88	90	88	-2	1	996	.	62	88	.	1
10	VP	10	-119	121	120	-1	1	998	.	64	120	.	1
11	VP	11	183	185	185	.	1	973	.	84	185	.	1
12	VP	12	-202	204	204	.	1	945	.	43	204	.	1
13	VP	13	-203	205	207	2	1	976	.	56	207	.	1
14	VP	14	229	231	229	-2	1	997	.	76	229	.	1
15	VP	15	-224	226	227	1	1	983	.	53	227	.	1
16	VP	16	-264	266	265	-1	1	952	.	96	265	.	1
17	VP	17	-302	304	303	-1	1	946	.	63	303	.	1
18	VP	18	-324	326	326	.	1	942	.	96	325	-1	1
19	VP	19	-341	343	343	.	1	932	.	83	343	.	1
20	VP	20	-363	365	365	.	1	947	.	62	365	.	1
21	VP	21	360	362	363	1	1	994	.	72	363	.	1
22	VP	22	-400	402	402	.	1	927	.	97	402	.	1
23	VP	23	-400	402	402	.	1	945	.	117	402	.	1
24	VP	24	-418	420	420	.	1	987	.	43	420	.	1
25	VP	25	-429	430	430	.	1	956	.	83	430	.	1
26	VP	26	-469	470	470	.	1	961	.	63	470	.	1
27	VP	27	-477	479	478	-1	1	945	.	75	478	.	1
28	VP	28	-494	496	496	.	1	933	.	130	495	-1	1
29	VP	29	-512	514	514	.	1	975	.	129	514	.	1
30	VP	30	-515	517	517	.	1	974	.	97	517	.	1
31	VP	31	-509	511	511	.	1	978	.	78	511	.	1
32	VP	32	-515	517	516	-1	1	930	.	75	517	1	1
33	VP	33	-547	549	549	.	1	987	.	63	549	.	1
34	VP	34	-593	595	595	.	1	943	.	173	595	.	1
35	VP	35	605	607	608	1	1	983	.	43	608	.	1
36	VP	36	-653	656	655	-1	1	956	.	43	655	.	1
37	VP	37	-663	666	.	.	.	.	.	164	666	.	1
38	VP	38	-663	666	665	-1	1	852	.	83	664	-1	1
39	VP	39	-702	705	705	.	1	990	.	92	705	.	1
40	VP	40	-737	740	739	-1	1	976	.	112	739	.	1
41	VP	41	-794	797	797	.	1	992	.	106	797	.	1
42	VP	42	911	915	915	.	1	989	.	104	915	.	1
43	VP	44	917	921	922	1	1	995	.	106	922	.	1
44	VP	45	946	950	951	1	1	997	.	106	951	.	1

Quantitation Report File: CC1210

Data: CC1210.TI
12/10/92 10:19:00
Sample: CLP,1077,,CC1210,L,W,,V,CC
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	128	280	9:20	1	1.000	A BB	75864.	10.000	UG/L	0.97
2	77	553	18:26	2	1.000	A BB	293156.	10.000	UG/L	0.97
3	55	673	22:26	3	1.000	A BB	189880.	10.000	UG/L	0.97
4	65	362	12:04	1	1.293	A BB	58431.	11.658	UG/L	1.13
5	84	506	16:52	2	0.915	A VB	304636.	8.850	UG/L	0.86
6	98	699	23:18	3	1.039	A BB	530102.	7.512	UG/L	0.73
7	50	51	1:42	1	0.182	A VB	32207.	29.730	UG/L	2.88
8	94	80	2:40	1	0.286	A VB	21452.	38.340	UG/L	3.71
9	62	88	2:56	1	0.314	A BB	33960.	28.843	UG/L	2.79
10	64	120	4:00	1	0.429	A BB	14632.	26.626	UG/L	2.58
11	84	185	6:10	1	0.661	A BB	79895.	11.720	UG/L	1.13
12	43	204	6:48	1	0.729	A BB	38538.	89.277	UG/L	8.64
13	56	207	6:54	1	0.739	A BB	8545.	92.853	UG/L	8.98
14	76	229	7:38	1	0.818	A BB	363119.	14.848	UG/L	1.44
15	53	227	7:34	1	0.811	A BB	42702.	100.176	UG/L	9.69
16	96	265	8:50	1	0.946	A BB	185891.	16.504	UG/L	1.60
17	63	303	10:06	1	1.082	A BB	342946.	18.126	UG/L	1.75
18	96	325	10:50	1	1.161	A BB	202174.	15.760	UG/L	1.52
19	83	343	11:26	1	1.225	A BB	364563.	17.303	UG/L	1.67
20	62	365	12:10	1	1.304	A BB	131309.	18.158	UG/L	1.76
21	72	363	12:06	2	0.656	A BB	32212.	96.313	UG/L	9.32
22	97	402	13:24	2	0.727	A BB	289182.	12.592	UG/L	1.22
23	117	402	13:24	2	0.727	A BV	52176.	12.825	UG/L	1.24
24	43	420	14:00	2	0.759	A BB	310907.	41.485	UG/L	4.01
25	83	430	14:20	2	0.778	A BB	316324.	14.123	UG/L	1.37
26	63	470	15:40	2	0.850	A BB	257804.	14.866	UG/L	1.44
27	75	478	15:56	2	0.864	A BB	497577.	24.615	UG/L	2.38
28	130	495	16:30	2	0.895	A BB	312473.	11.424	UG/L	1.11
29	129	514	17:08	2	0.929	A BB	285214.	13.434	UG/L	1.30
30	97	517	17:14	2	0.935	A BB	162150.	15.248	UG/L	1.48
31	78	511	17:02	2	0.924	A BB	621898.	13.563	UG/L	1.31
32	75	517	17:14	2	0.935	A BB	83344.	5.608	UG/L	0.54
33	63	549	18:18	2	0.993	A BB	67909.	16.261	UG/L	1.57
34	173	595	19:50	2	1.076	A BB	205967.	12.468	UG/L	1.21
35	43	608	20:16	3	0.903	A BB	195065.	32.063	UG/L	3.10
36	43	655	21:50	3	0.973	A BB	124585.	32.930	UG/L	3.19
37	164	666	22:12	3	0.990	A BB	329304.	9.873	UG/L	0.96
38	83	664	22:08	3	0.987	A BB	182017.	15.628	UG/L	1.51
39	92	705	23:30	3	1.048	A BB	442270.	11.194	UG/L	1.08
40	112	739	24:38	3	1.098	A BB	565246.	10.508	UG/L	1.02
41	106	797	26:34	3	1.184	A BB	295982.	10.290	UG/L	1.00
42	104	915	30:30	3	1.360	A BB	486462.	10.559	UG/L	1.02
43	106	922	30:44	3	1.370	A BB	321191.	9.754	UG/L	0.94
44	106	951	31:42	3	1.413	A BB	308019.	9.767	UG/L	0.94

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:16	1.01	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:20	1.01	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:00	1.01	1.295	1.00	11.66	10.00	0.770	0.661	1.17
5	16:46	1.01	0.915	1.00	8.85	10.00	1.039	1.174	0.89
6	23:10	1.01	1.037	1.00	7.51	10.00	2.792	3.716	0.75
7	1:36	1.06	0.173	1.05	29.73	50.00	0.085	0.143	0.59
8	2:32	1.05	0.273	1.05	38.34	50.00	0.057	0.074	0.77
9	2:54	1.01	0.313	1.00	28.84	50.00	0.090	0.155	0.58
10	3:56	1.02	0.424	1.01	26.63	50.00	0.039	0.072	0.53

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:04	1.02	0.655	1.01	11.72	25.00	0.421	0.899	0.47
12	6:40	1.02	0.719	1.01	89.28	125.00	0.041	0.057	0.71
13	6:46	1.02	0.730	1.01	92.85	125.00	0.009	0.012	0.74
14	7:32	1.01	0.813	1.01	14.85	25.00	1.915	3.224	0.59
15	7:26	1.02	0.802	1.01	100.18	125.00	0.045	0.056	0.80
16	8:46	1.01	0.946	1.00	16.50	25.00	0.980	1.485	0.66
17	10:02	1.01	1.083	1.00	18.13	25.00	1.808	2.494	0.73
18	10:46	1.01	1.162	1.00	15.76	25.00	1.066	1.691	0.63
19	11:20	1.01	1.223	1.00	17.30	25.00	1.922	2.777	0.69
20	12:04	1.01	1.302	1.00	18.16	25.00	0.692	0.953	0.73
21	12:00	1.01	0.655	1.00	96.31	125.00	0.009	0.011	0.77
22	13:18	1.01	0.725	1.00	12.59	25.00	0.395	0.783	0.50
23	13:18	1.01	0.725	1.00	12.82	25.00	0.071	0.139	0.51
24	13:54	1.01	0.758	1.00	41.48	50.00	0.212	0.256	0.83
25	14:16	1.00	0.778	1.00	14.12	25.00	0.432	0.764	0.56
26	15:36	1.00	0.851	1.00	14.87	25.00	0.352	0.592	0.59
27	15:52	1.00	0.865	1.00	24.62	40.50	0.419	0.690	0.61
28	16:24	1.01	0.895	1.00	11.42	25.00	0.426	0.933	0.46
29	17:02	1.01	0.929	1.00	13.43	25.00	0.389	0.724	0.54
30	17:08	1.01	0.935	1.00	15.25	25.00	0.221	0.363	0.61
31	16:56	1.01	0.924	1.00	13.56	25.00	0.849	1.564	0.54
32	17:08	1.01	0.935	1.00	5.61	9.50	0.299	0.507	0.59
33	18:12	1.01	0.993	1.00	16.26	25.00	0.093	0.142	0.65
34	19:44	1.01	1.076	1.00	12.47	25.00	0.281	0.564	0.50
35	20:10	1.00	0.903	1.00	32.06	50.00	0.205	0.320	0.64
36	21:44	1.00	0.973	1.00	32.93	50.00	0.131	0.199	0.66
37	22:04	1.01	0.988	1.00	9.87	25.00	0.694	1.757	0.39
38	22:02	1.00	0.987	1.00	15.63	25.00	0.383	0.613	0.63
39	23:22	1.01	1.046	1.00	11.19	25.00	0.932	2.081	0.45
40	24:30	1.01	1.097	1.00	10.51	25.00	1.191	2.833	0.42
41	26:24	1.01	1.182	1.00	10.29	25.00	0.624	1.515	0.41
42	30:12	1.01	1.352	1.01	10.56	25.00	1.025	2.426	0.42
43	30:28	1.01	1.364	1.00	9.75	25.00	0.677	1.734	0.39
44	31:24	1.01	1.406	1.01	9.77	25.00	0.649	1.661	0.39

PROCEDURE: TCA DIAGNOSTIC REPORT 12/10/92 13:06:05
DATA FILE: 1210BLK1
REFERENCE: VP11
NAME LIST: VP INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: VP_IS

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
3	3	1	0	6	6	1	0	VP_IS/VP_SURR
3	3	1	0	12	5	2	95	VP_IS/VP_CMPDS1
3	3	1	0	12	4	1	56	VP_IS/VP_CMPDS2
3	3	1	0	12	3	1	0	VP_IS/VP_CMPDS3
3	3	1	0	14	10	1	82	VP_IS/VP_CMPDS4

44 COMPOUNDS PROCESSED, 16 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VP	1	281	280	280	.	1	958	.	128	280	.	1
2	VP	2	554	553	553	.	1	982	.	77	553	.	1
3	VP	3	674	673	673	.	1	991	.	55	673	.	1
4	VP	4	363	362	362	.	1	981	.	65	362	.	1
5	VP	5	507	506	506	.	1	968	.	84	506	.	1
6	VP	6	700	699	699	.	1	993	.	98	699	.	1
7	VP	7	52	52	.	.	.	.	.	50	.	.	.
8	VP	8	82	82	.	.	.	.	.	94	.	.	.
9	VP	9	90	90	.	.	.	.	.	62	.	.	.
10	VP	10	121	121	.	.	.	.	.	64	121	.	1
11	VP	11	185	185	184	-1	2	970	.	84	184	.	1
12	VP	12	206	206	.	.	.	.	.	43	204	.	1
13	VP	13	208	208	.	.	.	.	.	56	209	.	1
14	VP	14	230	230	231	1	1	995	.	76	231	.	1
15	VP	15	228	228	.	.	.	.	.	53	228	.	1
16	VP	16	266	265	.	.	.	.	.	96	265	.	1
17	VP	17	304	303	.	.	.	.	.	63	303	.	1
18	VP	18	326	325	.	.	.	.	.	96	327	.	1
19	VP	19	344	343	.	.	.	.	.	83	343	.	1
20	VP	20	366	365	.	.	.	.	.	62	366	.	1
21	VP	21	364	363	364	1	1	994	.	72	364	.	1
22	VP	22	403	402	.	.	.	.	.	97	401	.	1
23	VP	23	403	402	.	.	.	.	.	117	.	.	.
24	VP	24	421	420	.	.	.	.	.	43	420	.	1
25	VP	25	431	430	.	.	.	.	.	83	431	.	1
26	VP	26	471	470	.	.	.	.	.	63	471	.	1
27	VP	27	479	478	.	.	.	.	.	75	479	.	1
28	VP	28	496	495	.	.	.	.	.	130	496	.	1
29	VP	29	515	514	.	.	.	.	.	129	515	.	1
30	VP	30	518	517	.	.	.	.	.	97	517	.	1
31	VP	31	512	511	.	.	.	.	.	78	510	.	1
32	VP	32	517	516	.	.	.	.	.	75	516	.	1
33	VP	33	550	549	.	.	.	.	.	63	.	.	.
34	VP	34	596	595	.	.	.	.	.	173	595	.	1
35	VP	35	609	608	609	1	1	987	.	43	609	.	1
36	VP	36	656	655	.	.	.	.	.	43	656	.	1
37	VP	37	-667	666	.	.	.	.	.	164	667	.	1
38	VP	38	666	665	.	.	.	.	.	83	666	.	1
39	VP	39	706	705	704	-1	1	922	.	92	705	1	1
40	VP	40	741	740	740	.	1	911	.	112	740	.	1
41	VP	41	798	797	797	.	1	991	.	106	797	.	1
42	VP	42	916	916	916	.	1	986	.	104	916	.	1
43	VP	44	923	923	924	1	1	980	.	106	922	-2	1
44	VP	45	953	953	952	-1	1	984	.	106	951	-1	1

Quantitation Report File: 1210BLK1

Data: 1210BLK1.TI
12/10/92 12:16:00
Sample: CLP,1077,,1210BLK1,L,W,,V,BLANK
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	128	280	9:20	1	1.000	A BB	80932.	10.000	UG/L	12.95
2	77	553	18:26	2	1.000	A BB	240473.	10.000	UG/L	12.95
3	55	673	22:26	3	1.000	A BB	161850.	10.000	UG/L	12.95
4	65	362	12:04	1	1.293	A BB	54486.	8.741	UG/L	11.32
5	84	506	16:52	2	0.915	A BB	265284.	10.616	UG/L	13.75
6	98	699	23:18	3	1.039	A BB	484647.	10.726	UG/L	13.89
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	64	121	4:02	1	0.432	A BB	146.	0.281	UG/L	0.36
11	84	184	6:08	1	0.657	A BV	1815.	0.319	UG/L	0.41
12	43	204	6:48	1	0.729	A BB	1901.	3.468	UG/L	4.49
13	56	209	6:58	1	0.746	A BB	40.	0.329	UG/L	0.43
14	76	231	7:42	1	0.825	A BB	3787.	0.147	UG/L	0.19
15	53	228	7:36	1	0.814	A BB	1031.	1.697	UG/L	2.20
16	96	265	8:50	1	0.946	A BB	1313.	0.099	UG/L	0.13
17	63	303	10:06	1	1.082	A BB	562.	0.023	UG/L	0.03
18	96	327	10:54	1	1.168	A BB	1274.	0.089	UG/L	0.11
19	83	343	11:26	1	1.225	A BB	3637.	0.140	UG/L	0.18
20	62	366	12:12	1	1.307	A BB	412.	0.044	UG/L	0.06
21	72	364	12:08	2	0.658	A BB	2263.	6.423	UG/L	8.32
22	97	401	13:22	2	0.725	A BB	1050.	0.066	UG/L	0.09
23	NOT	FOUND								
24	43	420	14:00	2	0.759	A BB	447.	0.053	UG/L	0.07
25	83	431	14:22	2	0.779	A BB	1124.	0.065	UG/L	0.08
26	63	471	15:42	2	0.852	A BB	401.	0.028	UG/L	0.04
27	75	479	15:58	2	0.866	A BB	1316.	0.078	UG/L	0.10
28	130	496	16:32	2	0.897	A BB	6304.	0.369	UG/L	0.48
29	129	515	17:10	2	0.931	A BB	826.	0.053	UG/L	0.07
30	97	517	17:14	2	0.935	A BB	996.	0.112	UG/L	0.15
31	78	510	17:00	2	0.922	A BB	4083.	0.120	UG/L	0.16
32	75	516	17:12	2	0.933	A BB	296.	0.025	UG/L	0.03
33	NOT	FOUND								
34	173	595	19:50	2	1.076	A BB	1353.	0.120	UG/L	0.16
35	43	609	20:18	3	0.905	A BB	4570.	0.825	UG/L	1.07
36	43	656	21:52	3	0.975	A BB	3090.	0.873	UG/L	1.13
37	164	667	22:14	3	0.991	A BB	3484.	0.186	UG/L	0.24
38	83	666	22:12	3	0.990	A BV	2017.	0.195	UG/L	0.25
39	92	705	23:30	3	1.048	A BB	4347.	0.173	UG/L	0.22
40	112	740	24:40	3	1.100	A BB	3504.	0.109	UG/L	0.14
41	106	797	26:34	3	1.184	A BB	2577.	0.153	UG/L	0.20
42	104	916	30:32	3	1.361	A BB	3312.	0.120	UG/L	0.16
43	106	922	30:44	3	1.370	A BB	3398.	0.186	UG/L	0.24
44	106	951	31:42	3	1.413	A BB	3197.	0.183	UG/L	0.24

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:26	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:26	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:04	1.00	1.293	1.00	8.74	10.00	0.673	0.770	0.87
5	16:52	1.00	0.915	1.00	10.62	10.00	1.103	1.039	1.06
6	23:18	1.00	1.039	1.00	10.73	10.00	2.994	2.792	1.07
7	1:42		0.182						
8	2:40		0.286						
9	2:56		0.314						
10	4:00	1.01	0.429	1.01	0.28	30.00	0.001	0.064	0.01

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:10	0.99	0.661	0.99	0.32	15.00	0.015	0.702	0.02
12	6:48	1.00	0.729	1.00	3.47	75.00	0.003	0.068	0.05
13	6:54	1.01	0.739	1.01	0.33	75.00	0.000	0.015	0.00
14	7:38	1.01	0.818	1.01	0.15	15.00	0.031	3.191	0.01
15	7:34	1.00	0.811	1.00	1.70	75.00	0.002	0.075	0.02
16	8:50	1.00	0.946	1.00	0.10	15.00	0.011	1.634	0.01
17	10:06	1.00	1.082	1.00	0.02	15.00	0.005	3.014	0.00
18	10:50	1.01	1.161	1.01	0.09	15.00	0.010	1.777	0.01
19	11:26	1.00	1.225	1.00	0.14	15.00	0.030	3.204	0.01
20	12:10	1.00	1.304	1.00	0.04	15.00	0.003	1.154	0.00
21	12:06	1.00	0.656	1.00	6.42	75.00	0.001	0.015	0.09
22	13:24	1.00	0.727	1.00	0.07	15.00	0.003	0.658	0.00
23	13:46		0.747						
24	14:00	1.00	0.759	1.00	0.05	30.00	0.001	0.354	0.00
25	14:20	1.00	0.778	1.00	0.06	15.00	0.003	0.719	0.00
26	15:40	1.00	0.850	1.00	0.03	15.00	0.001	0.586	0.00
27	15:56	1.00	0.864	1.00	0.08	24.30	0.002	0.698	0.00
28	16:30	1.00	0.895	1.00	0.37	15.00	0.017	0.711	0.02
29	17:08	1.00	0.929	1.00	0.05	15.00	0.002	0.649	0.00
30	17:14	1.00	0.935	1.00	0.11	15.00	0.003	0.369	0.01
31	17:02	1.00	0.924	1.00	0.12	15.00	0.011	1.414	0.01
32	17:14	1.00	0.935	1.00	0.02	5.70	0.002	0.499	0.00
33	18:18		0.993						
34	19:50	1.00	1.076	1.00	0.12	15.00	0.004	0.468	0.01
35	20:16	1.00	0.903	1.00	0.82	30.00	0.009	0.342	0.03
36	21:50	1.00	0.973	1.00	0.87	30.00	0.006	0.219	0.03
37	22:12	1.00	0.990	1.00	0.19	15.00	0.014	1.156	0.01
38	22:08	1.00	0.987	1.00	0.20	15.00	0.008	0.639	0.01
39	23:30	1.00	1.048	1.00	0.17	15.00	0.018	1.553	0.01
40	24:38	1.00	1.098	1.00	0.11	15.00	0.014	1.985	0.01
41	26:34	1.00	1.184	1.00	0.15	15.00	0.011	1.039	0.01
42	30:30	1.00	1.360	1.00	0.12	15.00	0.014	1.708	0.01
43	30:44	1.00	1.370	1.00	0.19	15.00	0.014	1.128	0.01
44	31:42	1.00	1.413	1.00	0.18	15.00	0.013	1.081	0.01

TCA FINISHED, 16 FOUND
FINISHED AT: 12/10/92 13:11:47

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

92SV01R04

Lab Name: USEPA-REGION V Contract: TFA302

Lab Code: CRL Case No.: 1077 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: 92SV01R04

Sample wt/vol: 20.0 _____ (g/mL) ML Lab File ID: 1077R04

Level: (low/med) LOW Date Received: 12/05/92

% Moisture: not dec. ____ Date Analyzed: 12/10/92

Column: (pack/cap) PACK Dilution Factor: 1

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	3	U
74-83-9	Bromomethane	3	U
75-01-4	Vinyl Chloride	3	U
75-00-3	Chloroethane	3	U
75-09-2	Methylene Chloride	6	
67-64-1	Acetone	2	BJ
107-02-8	Acrolein	75	U
75-15-0	Carbon Disulfide	2	U
107-13-1	Acrylonitrile	50	U
75-35-4	1,1-Dichloroethene	1	U
75-35-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	15	
107-06-2	1,2-Dichloroethane	2	U
78-93-3	2-Butanone	12	BJ
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
108-05-4	Vinyl acetate	10	U
75-27-4	Bromodichloromethane	2	
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	Trans-1,3-Dichloropropene	1	U
110-75-8	2-Chloroethylvinylether	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	4	U
591-78-6	2-Hexanone	4	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	0.7	J
100-42-5	Styrene	2	U
108-38-3	M-Xylene	2	
95-47-6	O-&/or P-Xylene	1	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

92SV01R04

Lab Name: USEPA-REGION V Contract: TFA302

Lab Code: CRL Case No.: 1077 SAS No.: NA SDG No.: NA

Matrix: (soil/water) WATER Lab Sample ID: 92SV01R04

Sample wt/vol: _____ (g/mL) ML Lab File ID: 1077R04

Level: (low/med) LOW Date Received: 12/05/92

% Moisture: not dec. ____ Date Analyzed: 12/10/92

Column (pack/cap) PACK Dilution Factor: 1

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

PROCEDURE: TCA DIAGNOSTIC REPORT 12/10/92 14:59:44
DATA FILE: 1077R04
REFERENCE: VP11
NAME LIST: VP INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: VP_IS

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
3	3	2	0	6	6	1	54	VP_IS/VP_SURR
3	3	1	0	12	5	1	42	VP_IS/VP_CMPDS1
3	3	1	0	12	5	1	50	VP_IS/VP_CMPDS2
3	3	1	0	12	4	1	60	VP_IS/VP_CMPDS3
3	3	1	0	14	8	1	130	VP_IS/VP_CMPDS4

44 COMPOUNDS PROCESSED, 16 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT ><							------ CHRO ------- >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VP	1	281	280	280	.	1	969	.	128	280	.	1
2	VP	2	554	553	553	.	2	991	.	77	553	.	1
3	VP	3	674	673	673	.	1	992	.	55	673	.	1
4	VP	4	362	362	362	.	1	990	.	65	362	.	1
5	VP	5	507	506	507	1	1	981	.	84	507	.	1
6	VP	6	700	699	699	.	1	997	.	98	699	.	1
7	VP	7	-53	51	.	.	.	.	.	50	.	.	.
8	VP	8	-83	81	.	.	.	.	.	94	.	.	.
9	VP	9	-91	89	.	.	.	.	.	62	.	.	.
10	VP	10	-122	120	.	.	.	.	.	64	.	.	.
11	VP	11	185	183	183	.	1	990	.	84	183	.	1
12	VP	12	-207	205	.	.	.	.	.	43	205	.	1
13	VP	13	-209	207	.	.	.	.	.	56	.	.	.
14	VP	14	231	229	229	.	1	917	.	76	229	.	1
15	VP	15	-229	227	.	.	.	.	.	53	.	.	.
16	VP	16	-266	265	.	.	.	.	.	96	265	.	1
17	VP	17	-304	303	.	.	.	.	.	63	303	.	1
18	VP	18	-326	325	.	.	.	.	.	96	326	.	1
19	VP	19	344	343	343	.	1	947	.	83	343	.	1
20	VP	20	-366	365	.	.	.	.	.	62	366	.	1
21	VP	21	364	363	364	1	1	991	.	72	365	1	1
22	VP	22	-403	402	.	.	.	.	.	97	403	.	1
23	VP	23	-403	402	.	.	.	.	.	117	403	.	1
24	VP	24	-421	420	.	.	.	.	.	43	418	.	1
25	VP	25	-431	430	431	1	1	969	.	83	431	.	1
26	VP	26	-471	470	.	.	.	.	.	63	471	.	1
27	VP	27	-479	478	.	.	.	.	.	75	480	.	1
28	VP	28	-496	495	.	.	.	.	.	130	495	.	1
29	VP	29	-515	514	.	.	.	.	.	129	515	.	1
30	VP	30	-518	517	.	.	.	.	.	97	.	.	.
31	VP	31	-512	511	.	.	.	.	.	78	512	.	1
32	VP	32	-517	516	.	.	.	.	.	75	.	.	.
33	VP	33	-550	549	.	.	.	.	.	63	.	.	.
34	VP	34	-596	595	.	.	.	.	.	173	.	.	.
35	VP	35	610	609	.	.	.	.	.	43	609	.	1
36	VP	36	-656	655	.	.	.	.	.	43	.	.	.
37	VP	37	-667	666	.	.	.	.	.	164	666	.	1
38	VP	38	-666	665	.	.	.	.	.	83	665	.	1
39	VP	39	705	705	705	.	1	996	.	92	705	.	1
40	VP	40	741	741	.	.	.	.	.	112	741	.	1
41	VP	41	798	798	797	-1	1	987	.	106	797	.	1
42	VP	42	918	918	920	2	1	900	.	104	918	-2	1
43	VP	44	925	925	923	-2	1	989	.	106	921	-2	1
44	VP	45	952	952	953	1	1	993	.	106	953	.	1

Quantitation Report File: 1077R04

Data: 1077R04.TI
12/10/92 14:09:00
Sample: CLP,1077,,1077R04,L,W,,V,EPA
Conds.: 45' (3MIN) TO 220 @ 15'/MIN
Formula: Instrument: INCOS1 Weight: 0.000
Submitted by: Analyst: ZAR Acct. No.:

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

No	Name		
1	CI01	BROMOCHLOROMETHANE	*INTERNAL STANDARD*
2	CI10	2-BROMO-1-CHLOROPROPANE	*INTERNAL STANDARD*
3	CI20	1,4-DICHLOROBUTANE	*INTERNAL STANDARD*
4	CS15	1,2-DICHLOROETHANE-D4	*SURROGATE*
5	CS10	BENZENE-D6	*SURROGATE*
6	CS05	TOLUENE-D8	*SURROGATE*
7	C010	CHLOROMETHANE	
8	C015	BROMOMETHANE	
9	C020	VINYL CHLORIDE	
10	C025	CHLOROETHANE	
11	C030	METHYLENE CHLORIDE	
12	C035	ACETONE	
13	C038	ACROLEIN	
14	C040	CARBON DISULFIDE	
15	C043	ACRYLONITRILE	
16	C045	1,1-DICHLOROETHENE	
17	C050	1,1-DICHLOROETHANE	
18	C053	1,2-DICHLOROETHENE (TOTAL)	
19	C060	CHLOROFORM	
20	C065	1,2-DICHLOROETHANE	
21	C110	2-BUTANONE	
22	C115	1,1,1-TRICHLOROETHANE	
23	C120	CARBON TETRACHLORIDE	
24	C125	VINYL ACETATE	
25	C130	BROMODICHLOROMETHANE	
26	C140	1,2-DICHLOROPROPANE	
27	C143	CIS-1,3-DICHLOROPROPENE	
28	C150	TRICHLOROETHENE	
29	C155	DIBROMOCHLOROMETHANE	
30	C160	1,1,2-TRICHLOROETHANE	
31	C165	BENZENE	
32	C172	TRANS-1,3-DICHLOROPROPENE	
33	C175	2-CHLOROETHYLVINYL ETHER	
34	C180	BROMOFORM	
35	C205	4-METHYL-2-PENTANONE	
36	C210	2-HEXANONE	
37	C220	TETRACHLOROETHENE	
38	C225	1,1,2,2-TETRACHLOROETHANE	
39	C230	TOLUENE	
40	C235	CHLOROBENZENE	
41	C240	ETHYL BENZENE	
42	C245	STYRENE	
43	C260	M-XYLENE	
44	C270	O-&/OR P-XYLENE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	128	280	9:20	1	1.000	A BB	22323.	10.000	UG/L	9.08
2	77	553	18:26	2	1.000	A BB	62887.	10.000	UG/L	9.08
3	55	673	22:26	3	1.000	A BB	37707.	10.000	UG/L	9.08
4	65	362	12:04	1	1.293	A BB	16658.	9.689	UG/L	8.80
5	84	507	16:54	2	0.917	A BB	81739.	12.508	UG/L	11.36
6	98	699	23:18	3	1.039	A BB	151209.	14.364	UG/L	13.05
7	NOT	FOUND								
8	NOT	FOUND								
9	NOT	FOUND								
10	NOT	FOUND								
11	84	183	6:06	1	0.654	A BB	9580.	6.113	UG/L	5.55
12	43	205	6:50	1	0.732	A BV	255.	1.690	UG/L	1.53
13	NOT	FOUND								
14	76	229	7:38	1	0.818	A BB	1033.	0.145	UG/L	0.13
15	NOT	FOUND								
16	96	265	8:50	1	0.946	A BB	161.	0.044	UG/L	0.04
17	63	303	10:06	1	1.082	A BB	81.	0.012	UG/L	0.01
18	96	326	10:52	1	1.164	A BB	114.	0.029	UG/L	0.03
19	83	343	11:26	1	1.225	A BB	108174.	15.126	UG/L	13.74
20	62	366	12:12	1	1.307	A BB	36.	0.014	UG/L	0.01
21	72	365	12:10	2	0.660	A BB	1063.	11.537	UG/L	10.48
22	97	403	13:26	2	0.729	A BB	1343.	0.325	UG/L	0.29
23	117	403	13:26	2	0.729	A BB	39.	0.012	UG/L	0.01
24	43	418	13:56	2	0.756	A BB	152.	0.068	UG/L	0.06
25	83	431	14:22	2	0.779	A BB	7850.	1.735	UG/L	1.58
26	63	471	15:42	2	0.852	A BB	377.	0.102	UG/L	0.09
27	75	480	16:00	2	0.868	A BB	361.	0.082	UG/L	0.07
28	130	495	16:30	2	0.895	A BB	1202.	0.269	UG/L	0.24
29	129	515	17:10	2	0.931	A BB	226.	0.055	UG/L	0.05
30	NOT	FOUND								
31	78	512	17:04	2	0.926	A BB	3411.	0.384	UG/L	0.35
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	43	609	20:18	3	0.905	A BB	476.	0.369	UG/L	0.34
36	NOT	FOUND								
37	164	666	22:12	3	0.990	A BB	951.	0.218	UG/L	0.20
38	83	665	22:10	3	0.988	A BB	38.	0.016	UG/L	0.01
39	92	705	23:30	3	1.048	A BB	7346.	1.255	UG/L	1.14
40	112	741	24:42	3	1.101	A BB	683.	0.091	UG/L	0.08
41	106	797	26:34	3	1.184	A BB	2830.	0.722	UG/L	0.66
42	104	918	30:36	3	1.364	A BB	2530.	0.393	UG/L	0.36
43	106	921	30:42	3	1.368	A BB	6422.	1.510	UG/L	1.37
44	106	953	31:46	3	1.416	A BB	5210.	1.278	UG/L	1.16

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	9:20	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
2	18:26	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
3	22:26	1.00	1.000	1.00	10.00	10.00	1.000	1.000	1.00
4	12:04	1.00	1.293	1.00	9.69	10.00	0.746	0.770	0.97
5	16:52	1.00	0.915	1.00	12.51	10.00	1.300	1.039	1.25
6	23:18	1.00	1.039	1.00	14.36	10.00	4.010	2.792	1.44
7	1:42		0.182						
8	2:40		0.286						
9	2:56		0.314						
10	4:00		0.429						

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
11	6:10	0.99	0.661	0.99	6.11	15.00	0.286	0.702	0.41
12	6:48	1.00	0.729	1.00	1.69	75.00	0.002	0.068	0.02
13	6:54		0.739						
14	7:38	1.00	0.818	1.00	0.15	15.00	0.031	3.191	0.01
15	7:34		0.811						
16	8:50	1.00	0.946	1.00	0.04	15.00	0.005	1.634	0.00
17	10:06	1.00	1.082	1.00	0.01	15.00	0.002	3.014	0.00
18	10:50	1.00	1.161	1.00	0.03	15.00	0.003	1.777	0.00
19	11:26	1.00	1.225	1.00	15.13	15.00	3.231	3.204	1.01
20	12:10	1.00	1.304	1.00	0.01	15.00	0.001	1.154	0.00
21	12:06	1.01	0.656	1.01	11.54	75.00	0.002	0.015	0.15
22	13:24	1.00	0.727	1.00	0.32	15.00	0.014	0.658	0.02
23	13:46	0.98	0.747	0.98	0.01	15.00	0.000	0.519	0.00
24	14:00	1.00	0.759	1.00	0.07	30.00	0.001	0.354	0.00
25	14:20	1.00	0.778	1.00	1.74	15.00	0.083	0.719	0.12
26	15:40	1.00	0.850	1.00	0.10	15.00	0.004	0.586	0.01
27	15:56	1.00	0.864	1.00	0.08	24.30	0.002	0.698	0.00
28	16:30	1.00	0.895	1.00	0.27	15.00	0.013	0.711	0.02
29	17:08	1.00	0.929	1.00	0.06	15.00	0.002	0.649	0.00
30	17:14		0.935						
31	17:02	1.00	0.924	1.00	0.38	15.00	0.036	1.414	0.03
32	17:14		0.935						
33	18:18		0.993						
34	19:50		1.076						
35	20:16	1.00	0.903	1.00	0.37	30.00	0.004	0.342	0.01
36	21:50		0.973						
37	22:12	1.00	0.990	1.00	0.22	15.00	0.017	1.156	0.01
38	22:08	1.00	0.987	1.00	0.02	15.00	0.001	0.639	0.00
39	23:30	1.00	1.048	1.00	1.25	15.00	0.130	1.553	0.08
40	24:38	1.00	1.098	1.00	0.09	15.00	0.012	1.985	0.01
41	26:34	1.00	1.184	1.00	0.72	15.00	0.050	1.039	0.05
42	30:30	1.00	1.360	1.00	0.39	15.00	0.045	1.708	0.03
43	30:44	1.00	1.370	1.00	1.51	15.00	0.114	1.128	0.10
44	31:42	1.00	1.413	1.00	1.28	15.00	0.092	1.081	0.09

TCA FINISHED, 16 FOUND
FINISHED AT: 12/10/92 15:05:20