User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:15:17

Sample: AE12737
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 6/3/02 00:00 Ended: 6/3/02 00:00 Analyst: BH
Result source: a:\0603b1.rr
Page: 1

-	Component Name	Viol.	Result
1	Surr - 1,2-DICHLOROETHANE-		4.5
2	Surr - 4-BROMOFLUOROBENZ		4.5
3	DICHLORODIFLUOROMETHAN		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	ACETONE		0.25
10	1,1-DICHLOROETHENE		< MRL
11	METHYLENE CHLORIDE		0.071
12	METHYL TERT BUTYL ETHER		< MRL
13	TRANS-1,2-DICHLOROETHEN		< MRL
14	1,1-DICHLOROETHANE		< MRL
15	2-BUTANONE (MEK)		< MRL
16	2,2-DICHLOROPROPANE		< MRL
17	CIS,1,2-DICHLOROETHENE		< MRL
18	CHLOROFORM		< MRL
19	BROMOCHLOROMETHANE		< MRL
20	1,2-DICHLOROETHANE		< MRL
21	Surr - TOLUENE-D8		5.2
22	1,1,1-TRICHLOROETHANE		< MRL
23	1,1-DICHLOROPROPENE		< MRL
24	CARBON TETRACHLORIDE		< MRL
25	BENZENE		< MRL
26	TRICHLOROETHENE		< MRL
27	1,2-DICHLOROPROPANE		< MRL
28	DIBROMOMETHANE		< MRL
29	BROMODICHLOROMETHANE		< MRL
30	2-CHLOROETHYL VINYL ETHE		< MRL
31	MIBK		< MRL
32	CIS-1,3-DICHLOROPROPENE		< MRL
33	TOLUENE		< MRL
34	TRANS-1,3-DICHLOROPROPE		< MRL
35	1,1,2-TRICHLOROETHANE		< MRL
36	TETRACHLOROETHENE		< MRL
37	1,3-DICHLOROPROPANE		< MRL
38	DIBROMOCHLOROMETHANE		< MRL
39	1,2-DIBROMOETHANE		< MRL
40	CHLOROBENZENE		< MRL
41	1,1,1,2-TETRACHLOROETHA		< MRL
42	2-HEXANONE		< MRL
43	ETHYLBENZENE		< MRL
44	P & M-XYLENE		< MRL
45	O-XYLENE		< MRL
46	STYRENE		< MRL
47	1,1,2,2-TETRACHLOROETHA		< MRL
48	BROMOFORM		< MRL

M - lab cont

Reviewed by, 8/12/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:15:17

Sample: AE12737
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 6/3/02 00:00 Ended: 6/3/02 00:00 Analyst: BH
Result source: a:\0603b1.rr
Page: 2

	Component Name	Viol	Result
49	ISOPROPYLBENZENE		< MRL
50	1,2,3-TRICHLOROPROPANE		< MRL
51	N-PROPYLBENZENE		< MRL
52	BROMOBENZENE		< MRL
53	1,3,5-TRIMETHYLBENZENE		< MRL
54	2-CHLOROTOLUENE		< MRL
55	4-CHLOROTOLUENE		< MRL
56	TERT-BUTYLBENZENE		< MRL
57	1,2,4-TRIMETHYLBENZENE		< MRL
58	SEC-BUTYLBENZENE		< MRL
59	P-ISOROPYLTOLUENE		< MRL
60	1,3-DICHLOROBENZENE		< MRL
61	1,4-DICHLOROBENZENE		< MRL
62	N-BUTYLBENZENE		< MRL
63	1,2-DICHLOROBENZENE		< MRL
64	1,2-DIBROMO-3-CHLOROPRO		< MRL
65	1,2,4-TRICHLOROBENZENE		< MRL
66	HEXACHLOROBUTADIENE		< MRL
67	NAPHTHALENE		< MRL
68	1,2,3-TRICHLOROBENZENE		< MRL
69	ETHANOL		< MRL
70	NITROBENZENE		< MRL

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603B1.D Vial: 2
Acq On : 3 Jun 2002 10:31 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 13:31 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

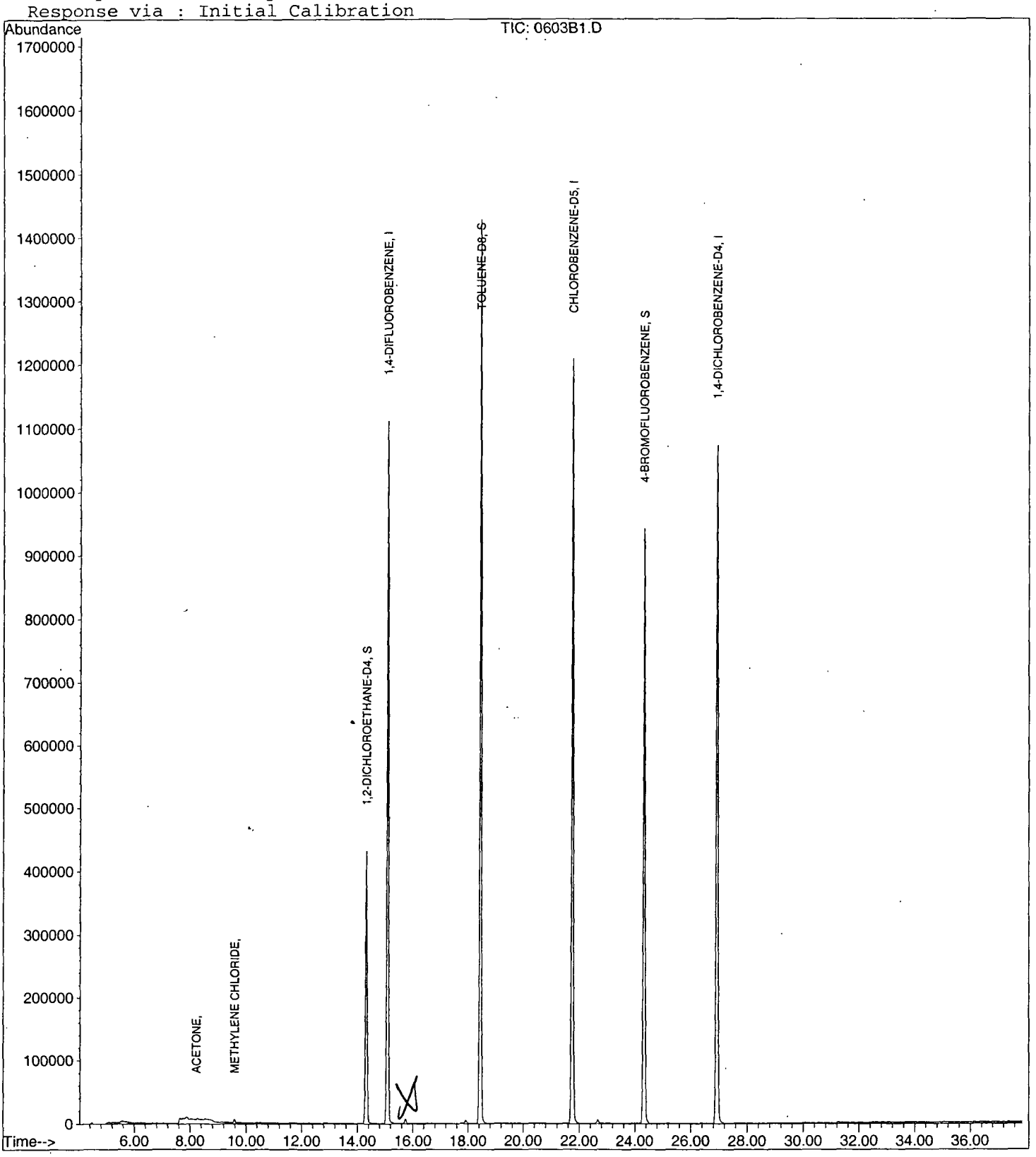
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1598552	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1447505	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	700027	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	654110	4.53	ug/L	-0.02
Spiked Amount 5.000			Recovery =	90.60%		
3) 4-BROMOFLUOROBENZENE	24.32	174	567227	4.46	ug/L	-0.02
Spiked Amount 5.000			Recovery =	89.20%		
25) TOLUENE-D8	18.45	98	1891761	5.19	ug/L	-0.02
Spiked Amount 5.000			Recovery =	103.80%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	4138	0.25	ug/L	51
14) METHYLENE CHLORIDE	9.59	49	7610	0.07	ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603B1.D Vial: 2
Acq On : 3 Jun 2002 10:31 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 13:31 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603B1.D Vial: 2
Acq On : 3 Jun 2002 10:31 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

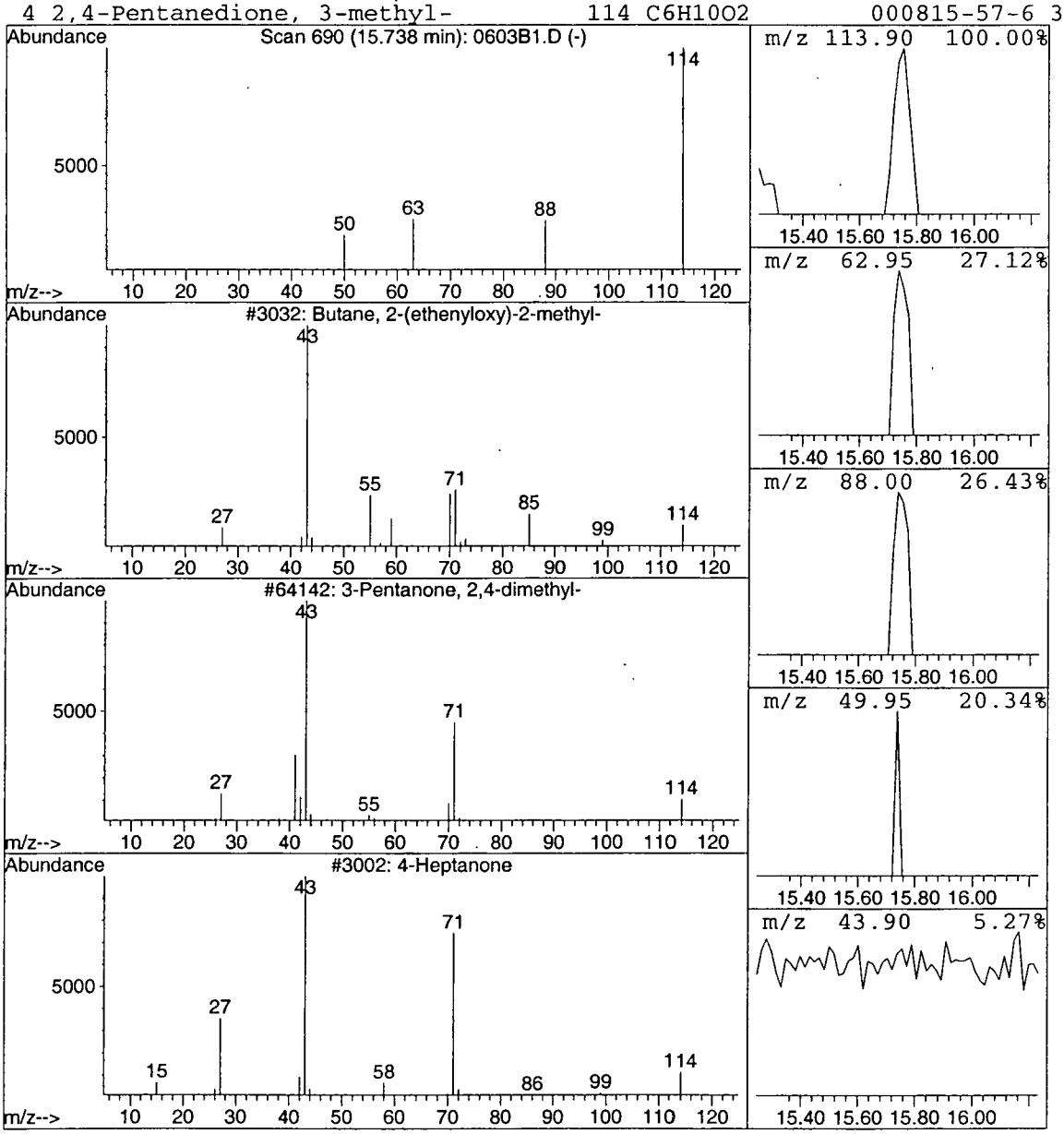
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butane, 2-(ethenyloxy)-2-methy Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	0.03 ug/L	26174	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603B1.D Vial: 2
Acq On : 3 Jun 2002 10:31 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

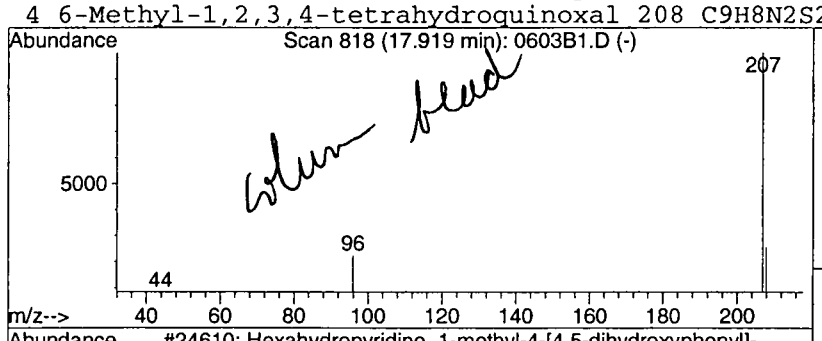
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

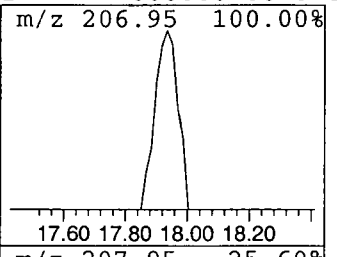
****

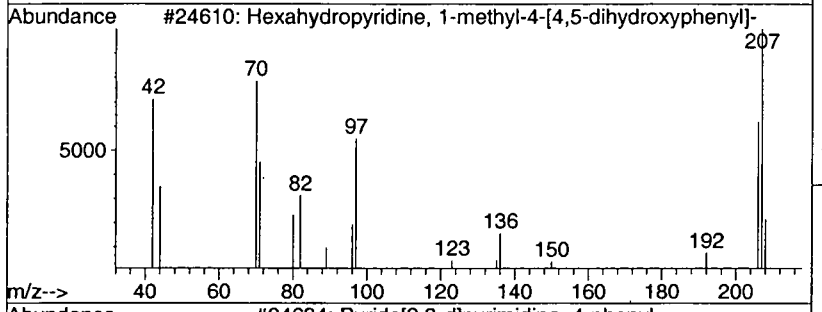
Peak Number 1 Hexahydropyridine, 1-methyl-4- Concentration Rank 5

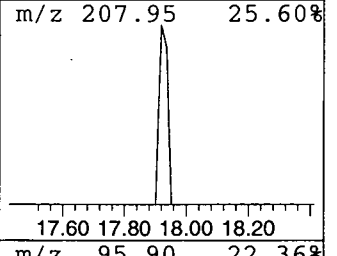
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	0.03 ug/L	22295	1,4-DIFLUOROBENZENE	15.09

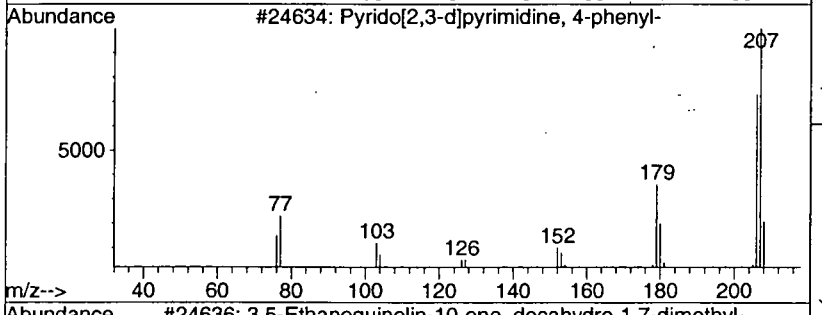
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	83
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	3,5-Ethanoquinolin-10-one, decahydr	207	C13H21NO	021041-42-9	4
4	6-Methyl-1,2,3,4-tetrahydroquinoxal	208	C9H8N2S2	000000-00-0	4

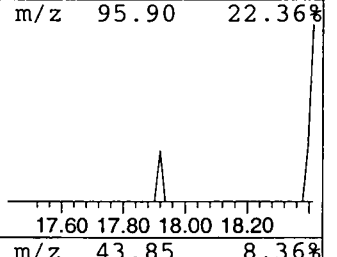


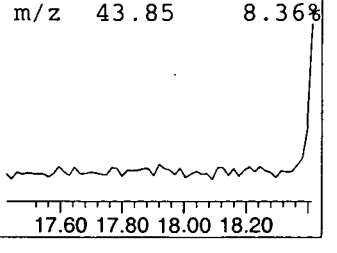


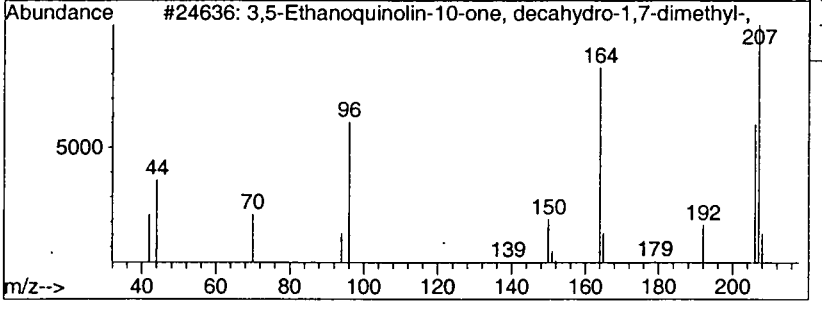












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603B1.D Vial: 2
Acq On : 3 Jun 2002 10:31 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

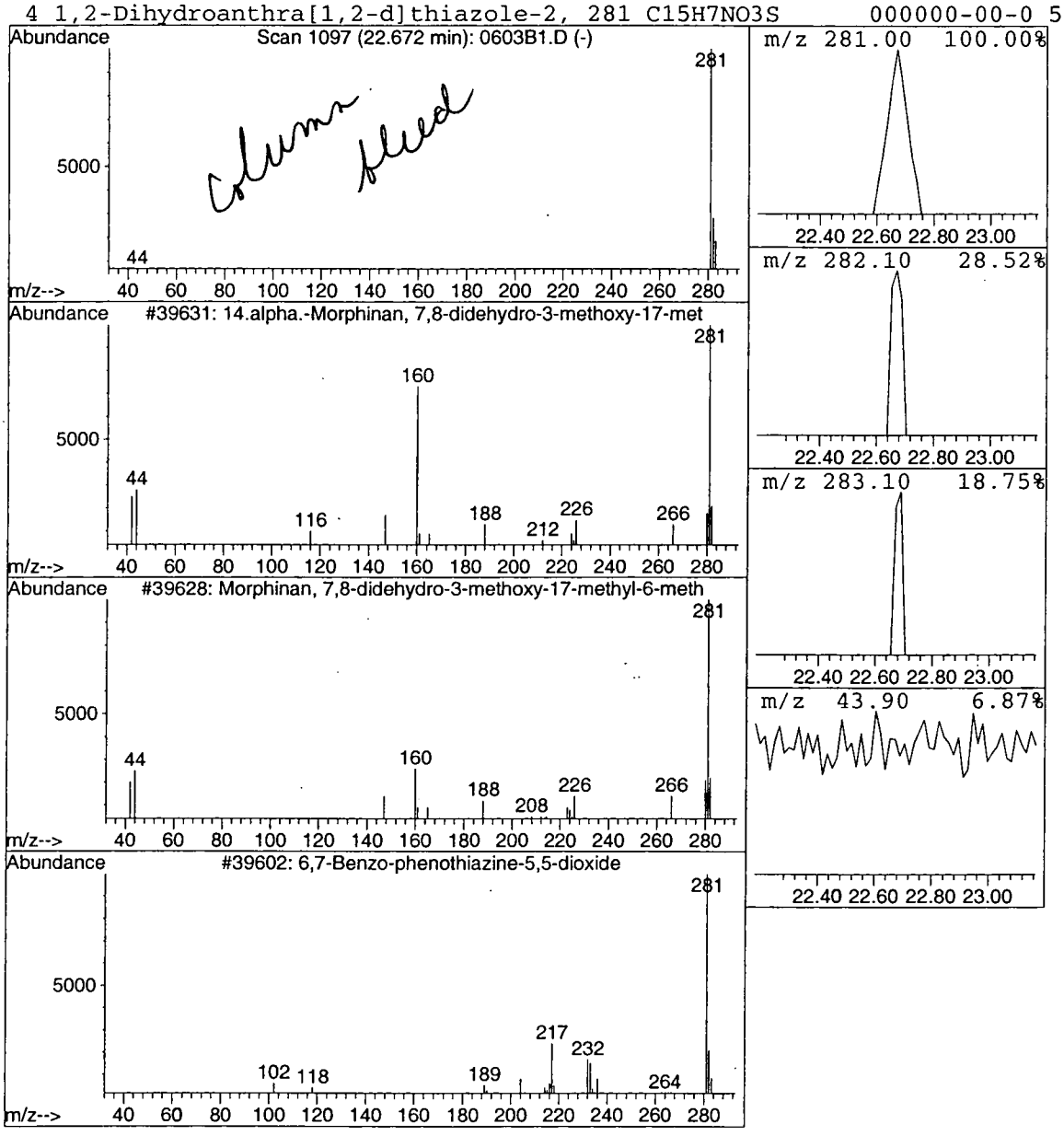
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 14.alpha.-Morphinan, 7,8-dideh Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	0.03 ug/L	25154	CHLOROBENZENE-D5	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14.alpha.-Morphinan, 7,8-didehydro-	281	C19H23NO	017939-34-3	9
2	Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
4	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:15:45

Sample: AE12737
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 6/3/02 00:01 Ended: 6/3/02 00:01 Analyst: BH
Result source: a:\0603c10.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.6	.5
2	Surr_4-BROMOFLUOROBENZE		4.7	.5
3	Dichlorodifluoromethane		10	.5
4	Chloromethane		8.3	.5
5	Vinyl chloride		10	.5
6	Bromomethane		11	.5
7	Chloroethane		10	.5
8	Trichlorofluoromethane		12	.5
9	1,1-Dichloroethene		8.6	.5
10	Methylene Chloride		8.2	.5
11	Methyl tert-butyl ether		8.4	1.0
12	trans-1,2-dichloroethene		9.0	.5
13	1,1-dichloroethane		8.8	.5
14	2-butanone (MEK)		31	2.0
15	2,2-dichloropropane		9.4	.5
16	cis-1,2-dichloroethene		9.8	.5
17	Chloroform		9.4	.5
18	Bromochloromethane		8.3	.5
19	1,2-dichloroethane		8.9	.5
20	Surr_TOLUENE-D8		5.2	.5
21	1,1,1- trichloroethane		11	.5
22	1,1-dichloropropene		11	.5
23	Carbon tetrachloride		11	.5
24	Benzene		10	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		9.5	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		10	.5
29	Methyl iso-butyl ketone		40	1.0
30	cis-1,3-dichloropropene		10	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		10	.5
33	1,1,2-trichloroethane		10	.5
34	Tetrachloroethene		12	.5
35	1,3-dichloropropane		9.9	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		22	.5
41	O-xylene		11	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		9.9	.5
44	Bromoform		11	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		10	.5
48	Bromobenzene		11	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:15:45

Sample: AE12737
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 6/3/02 00:01 Ended: 6/3/02 00:01 Analyst: BH
Result source: a:\0603c10.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		11	.5
51	4-chlorotoluene		8.3	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		11	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		11	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		11	.5
61	Hexachlobutadiene		12	.5
62	Naphthalene		10	.5
63	1,2,3-trichlorobenzene		11	.5
64	Nitrobenzene		190	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603C10.D Vial: 4
Acq On : 3 Jun 2002 11:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 13:32 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1693806	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1553058	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	821070	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	698312	4.56	ug/L	-0.02
Spiked Amount 5.000			Recovery = 91.20%			
3) 4-BROMOFLUOROBENZENE	24.33	174	638220	4.73	ug/L	-0.02
Spiked Amount 5.000			Recovery = 94.60%			
25) TOLUENE-D8	18.45	98	2025001	5.17	ug/L	-0.02
Spiked Amount 5.000			Recovery = 103.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	609705	10.08	ug/L	99
5) CHLOROMETHANE	5.35	50	777071	8.28	ug/L	99
6) VINYL CHLORIDE	5.59	62	495415	10.19	ug/L	97
7) BROMOMETHANE	6.56	94	300536	11.33	ug/L	99
8) CHLOROETHANE	6.70	64	446932	10.26	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.27	101	830891	11.53	ug/L	98
10) Isopropyl Alcohol	7.87	45	298897	190.43	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	8.16	101	533735	9.66	ug/L	98
12) ACETONE	8.22	43	354771	20.07	ug/L	99
13) 1,1-DICHLOROETHENE	8.58	61	1047706	8.60	ug/L	98
14) METHYLENE CHLORIDE	9.59	49	928203	8.20	ug/L	95
15) METHYL TERT BUTYL ETHER	9.89	73	733711	8.38	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.25	61	1120939	8.96	ug/L	93
17) 1,1-DICHLOROETHANE	11.15	63	1229438	8.77	ug/L	98
18) 2-BUTANONE (MEK)	11.97	43	413775	31.28	ug/L	96
19) 2,2-DICHLOROPROPANE	12.36	77	980015	9.37	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.47	96	718672	9.79	ug/L	85
21) CHLOROFORM	12.79	83	1348843	9.36	ug/L	99
22) BROMOCHLOROMETHANE	13.17	49	510200	8.25	ug/L	91
23) 1,2-DICHLOROETHANE	14.51	62	890458	8.86	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.69	97	1065625	10.60	ug/L	99
27) 1,1-DICHLOROPROPENE	14.02	75	1011030	10.66	ug/L	97
28) CARBON TETRACHLORIDE	14.27	117	926088	11.04	ug/L	99
29) BENZENE	14.61	78	2388503	10.28	ug/L	100
30) TRICHLOROETHENE	15.89	95	751098	10.79	ug/L	94
31) 1,2-DICHLOROPROPANE	16.25	63	582931	9.54	ug/L	98
32) DIBROMOMETHANE	16.91	174	312955	11.12	ug/L	94
33) BROMODICHLOROMETHANE	16.76	83	901849	10.31	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	175111	9.70	ug/L	85
35) METHYL ISO-BUTYL KETONE	17.32	58	348920	40.35	ug/L	96
36) CIS-1,3-DICHLOROPROPENE	17.85	75	825287	10.29	ug/L	99
37) TOLUENE	18.62	91	2512677	10.36	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.89	75	582553	10.14	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.28	97	364352	10.21	ug/L	98
40) TETRACHLOROETHENE	20.07	166	770534	11.51	ug/L	98
41) 1,3-DICHLOROPROPANE	19.81	76	691033	9.89	ug/L	100
42) DIBROMOCHLOROMETHANE	20.51	129	479209	11.02	ug/L	100
43) 1,2-DIBROMOETHANE	20.95	107	363930	10.28	ug/L	94
44) CHLOROBENZENE	21.84	112	1636375	10.65	ug/L	94
45) 1,1,1,2-TETRACHLOROETHANE	21.87	131	561214	10.96	ug/L	98
46) 2-HEXANONE	19.18	43	652032	38.67	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603C10.D Vial: 4
Acq On : 3 Jun 2002 11:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 13:32 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

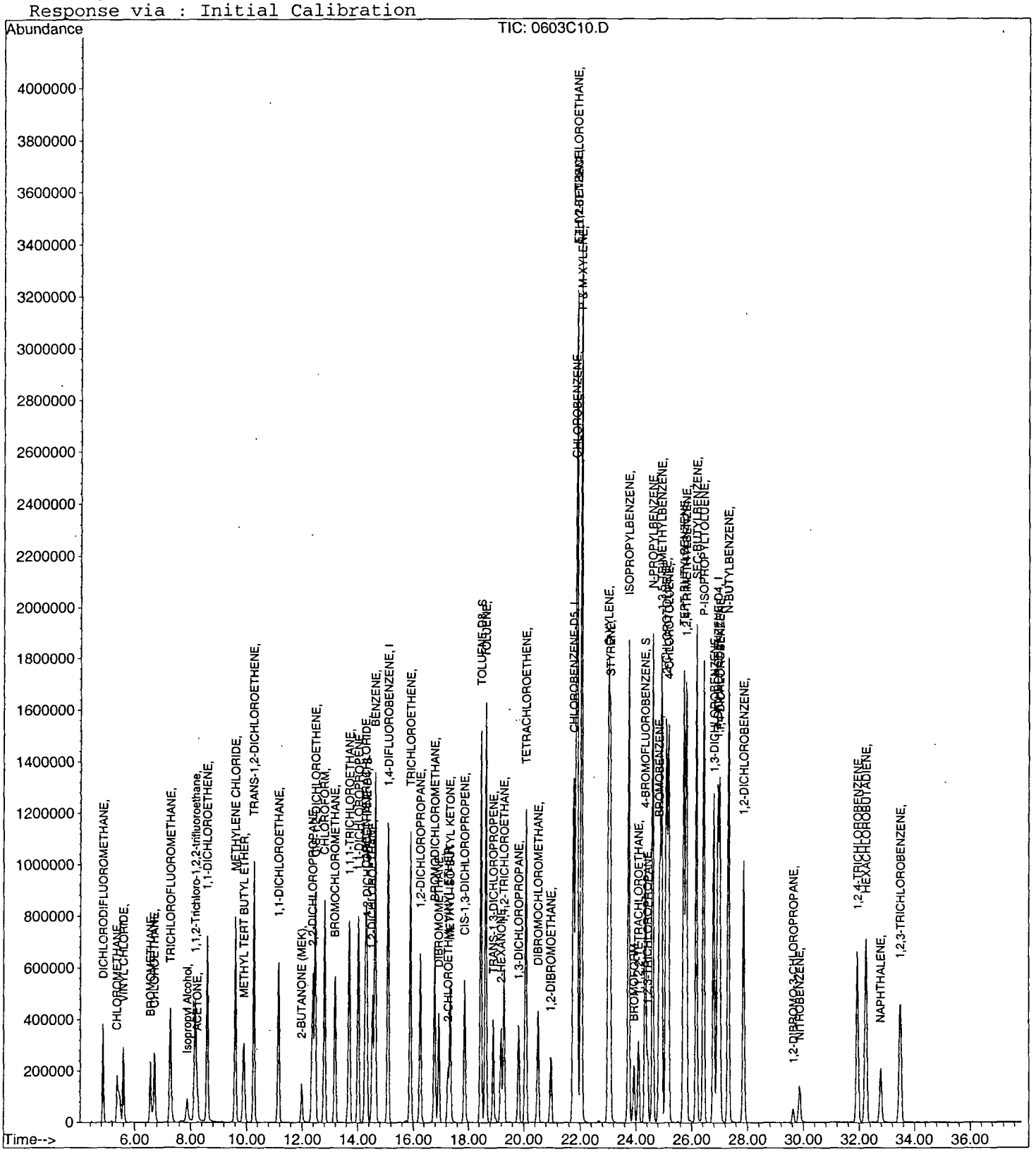
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47)	ETHYLBENZENE	21.87	91	3038235	10.51 ug/L	98
48)	P & M-XYLENE	22.02	106	2065389	22.11 ug/L	96
49)	O-XYLENE	23.00	91	2430976	10.90 ug/L	98
50)	STYRENE	23.06	104	1531753	11.16 ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	368401	9.86 ug/L	99
53)	BROMOFORM	23.93	173	222154	11.29 ug/L	94
54)	ISOPROPYLBENZENE	23.73	105	2739703	10.96 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	118393	10.44 ug/L	96
56)	N-PROPYLBENZENE	24.60	91	3544408	10.41 ug/L	98
57)	BROMOBENZENE	24.84	156	644612	10.98 ug/L	91
58)	1,3,5-TRIMETHYLBENZENE	24.90	105	2384739	10.75 ug/L	100
59)	2-CHLOROTOLUENE	25.07	91	2590111	11.32 ug/L	99
60)	4-CHLOROTOLUENE	25.16	91	1898525	8.30 ug/L	99
61)	TERT-BUTYLBENZENE	25.71	119	2217534	11.20 ug/L	96
62)	1,2,4-TRIMETHYLBENZENE	25.79	105	2475845	10.82 ug/L	99
63)	SEC-BUTYLBENZENE	26.17	105	3041813	11.03 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.42	119	2376254	11.28 ug/L	97
65)	1,3-DICHLOROBENZENE	26.80	146	1265165	11.20 ug/L	95
66)	1,4-DICHLOROBENZENE	27.00	146	1266172	10.74 ug/L	98
67)	N-BUTYLBENZENE	27.31	91	2427248	10.73 ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	1035493	11.00 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	47817	10.91 ug/L	99
70)	1,2,4-TRICHLOROBENZENE	31.94	180	632285	11.34 ug/L	100
71)	HEXACHLOROBUTADIENE	32.25	225	441884	11.70 ug/L	99
72)	NAPHTHALENE	32.78	128	525393	9.98 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.49	180	480205	11.09 ug/L	97
74)	NITROBENZENE	29.86	77	211354	190.56 ug/L	89

(#) = qualifier out of range (m) = manual integration
0603C10.D HP052902.M Mon Jun 03 13:32:17 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603C10.D Vial: 4
Acq On : 3 Jun 2002 11:42 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 13:32 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:49:19

Sample: AE12737
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 6/3/2002 00:01 Ended: 6/3/2002 00:01 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.5	
2	4-BROMOFLUOROBENZENE		4.6	
3	DICHLORODIFLUOROMETHAN		4.1	.5
4	CHLOROMETHANE		4.1	.5
5	VINYL CHLORIDE		5.0	.5
6	BROMOMETHANE		6.4	.5
7	CHLOROETHANE		4.9	.5
8	TRICHLOROFLUOROMETHANE		5.4	.5
9	ACETONE		16.7	.5
10	1,1-DICHLOROETHENE		3.5	.5
11	METHYLENE CHLORIDE		3.8	.5
12	METHYL TERT BUTYL ETHER		4.2	1
13	TRANS-1,2-DICHLOROETHENE		3.7	.5
14	1,1-DICHLOROETHANE		4.0	.5
15	2-BUTANONE (MEK)		15	.5
16	2,2-DICHLOROPROPANE		4.2	.5
17	CIS-1,2-DICHLOROETHENE		4.7	.5
18	CHLOROFORM		4.5	.5
19	BROMOCHLOROMETHANE		4.0	.5
20	1,2-DICHLOROETHANE		4.4	.5
21	TOLUENE-D8		5.1	
22	1,1,1-TRICHLOROETHANE		4.7	.5
23	1,1-DICHLOROPROPENE		4.8	.5
24	CARBON TETRACHLORIDE		4.7	.5
25	BENZENE		5.0	.5
26	TRICHLOROETHENE		5.2	.5
27	1,2-DICHLOROPROPANE		5.0	.5
28	DIBROMOMETHANE		5.4	.5
29	BROMODICHLOROMETHANE		5.2	.5
30	2-CHLOROETHYL VINYL ETHE		4.5	.5
31	METHYL ISO-BUTYL KETONE		20	1
32	CIS-1,3-DICHLOROPROPENE		5.2	.5
33	TOLUENE		5.4	.5
34	TRANS-1,3-DICHLOROPROPEN		5.5	.5
35	1,1,2-TRICHLOROETHANE		5.6	.5
36	TETRACHLOROETHENE		5.6	.5
37	1,3-DICHLOROPROPANE		5.2	.5
38	DIBROMOCHLOROMETHANE		5.6	2
39	1,2-DIBROMOETHANE		5.4	.5
40	CHLOROBENZENE		5.8	.5
41	1,1,1,2-TETRACHLOROETHANE		5.8	.5
42	2-HEXANONE		18	.5
43	ETHYLBENZENE		5.7	.5
44	P & M-XYLENE		12	.5
45	O-XYLENE		5.9	.5
46	STYRENE		6.2	.5
47	1,1,2,2-TETRACHLOROETHANE		5.5	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:49:19

Sample: AE12737
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 6/3/2002 00:01 Ended: 6/3/2002 00:01 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		5.7	2
49	ISOPROPYLBENZENE		6.0	.5
50	1,2,3-TRICHLOROPROPANE		5.9	.5
51	N-PROPYLBENZENE		5.6	.5
52	BROMOBENZENE		6.1	.5
53	1,3,5-TRIMETHYLBENZENE		6.1	.5
54	2-CHLOROTOLUENE		6.1	.5
55	4-CHLOROTOLUENE		5.0	.5
56	TERT-BUTYLBENZENE		6.2	.5
57	1,2,4-TRIMETHYLBENZENE		6.0	.5
58	SEC-BUTYLBENZENE		6.1	.5
59	P-ISOPROPYLTOLUENE		6.5	.5
60	1,3-DICHLOROBENZENE		6.3	.5
61	1,4-DICHLOROBENZENE		6.0	.5
62	N-BUTYLBENZENE		6.1	.5
63	1,2-DICHLOROBENZENE		6.1	.5
64	1,2-DIBROMO-3-CHLOROPROP		6.2	.5
65	1,2,4-TRICHLOROBENZENE		6.4	.5
66	HEXACHLOROBUTADIENE		6.2	.5
67	NAPHTHALENE		6.4	.5
68	1,2,3-TRICHLOROBENZENE		6.4	.5
69	ETHANOL		< MRL	30
70	NITROBENZENE		99	5.0

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:50:22

Sample: AE12737
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 6/6/2002 14:17 Ended: 6/6/2002 14:17 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.5	.5
2	Surr - 4-BROMOFLUOROBENZE		4.6	.5
3	Dichlorodifluoromethane		82	.5
4	Chloromethane		82	.5
5	Vinyl chloride		100	.5
6	Bromomethane		128	.5
7	Chloroethane		98	.5
8	Trichlorofluoromethane		108	.5
9	1,1-Dichloroethene		70	.5
10	Methylene Chloride		76	.5
11	Methyl tert butyl ether		84	1.0
12	trans-1,2-dichloroethene		74	.5
13	1,1-dichloroethane		80	.5
14	2-butanone (MEK)		75	2.0
15	2,2-dichloropropane		84	.5
16	cis-1,2-dichloroethene		94	.5
17	Chloroform		90	.5
18	Bromochloromethane		80	.5
19	1,2-dichloroethane		88	.5
20	Surr - TOLUENE-D8		5.1	.5
21	1,1,1-trichloroethane		94	.5
22	1,1-dichloropropene		96	.5
23	Carbon tetrachloride		94	.5
24	Benzene		100	.5
25	Trichloroethene		104	.5
26	1,2-dichloropropane		100	.5
27	Dibromomethane		108	.5
28	Bromodichloromethane		104	.5
29	Methyl iso-butyl ketone		100	1.0
30	cis-1,3-dichloropropene		104	.5
31	Toluene		108	.5
32	trans-1,3-dichloropropene		110	.5
33	1,1,2-trichloroethane		112	.5
34	Tetrachloroethene		112	.5
35	1,3-dichloropropane		104	.5
36	Dibromochloromethane		112	2.0
37	Chlorobenzene		116	.5
38	1,1,1,2-tetrachloroethane		116	.5
39	Ethylbenzene		114	.5
40	P & M-xylene		120	.5
41	O-xylene		118	.5
42	Styrene		124	.5
43	1,1,2,2-tetrachloroethane		110	.5
44	Bromoform		114	2.0
45	Isopropylbenzene		120	.5
46	1,2,3-trichloropropane		118	.5
47	N-propylbenzene		112	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:50:22

Sample: AE12737
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 6/6/2002 14:17 Ended: 6/6/2002 14:17 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		122	.5
49	1,3,5-trimethylbenzene		122	.5
50	2-chlorotoluene		122	.5
51	4-chlorotoluene		100	.5
52	TERT-butylbenzene		124	.5
53	1,2,4-trimethylbenzene		120	.5
54	SEC-butylbenzene		122	.5
55	P-isopropyltoluene		130	.5
56	1,3-dichlorobenzene		126	.5
57	1,4-dichlorobenzene		120	.5
58	N-butylbenzene		122	.5
59	1,2-dichlorobenzene		122	.5
60	1,2,4-trichlorobenzene		128	.5
61	Hexachlorobutadiene		124	.5
62	Naphthalene		128	.5
63	1,2,3-trichlorobenzene		128	.5
64	Ethanol		< MRL	
65	Nitrobenzene		99	5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603R5.D Vial: 6
Acq On : 3 Jun 2002 12:26 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 7 12:59 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1763835	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1636984	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	828792	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	730763	4.58	ug/L	-0.02
Spiked Amount 5.000			Recovery =	91.60%		
3) 4-BROMOFLUOROBENZENE	24.34	174	646148	4.60	ug/L	0.00
Spiked Amount 5.000			Recovery =	92.00%		
25) TOLUENE-D8	18.45	98	2127439	5.16	ug/L	-0.02
Spiked Amount 5.000			Recovery =	103.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	260587	4.14	ug/L	100
5) CHLOROMETHANE	5.36	50	404699	4.14	ug/L	99
6) VINYL CHLORIDE	5.59	62	279556	5.52	ug/L	98
7) BROMOMETHANE	6.57	94	162230	5.87	ug/L	100
8) CHLOROETHANE	6.72	64	228444	5.04	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.27	101	406936	5.42	ug/L	100
10) Isopropyl Alcohol	7.87	45	38841099	23763.19	ug/L	91
12) ACETONE	8.24	43	306942m	16.68	ug/L	
13) 1,1-DICHLOROETHENE	8.60	61	414978	3.27	ug/L	99
14) METHYLENE CHLORIDE	9.60	49	406131	3.44	ug/L	92
15) METHYL TERT BUTYL ETHER	9.91	73	348532	3.82	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.27	61	444308	3.41	ug/L	93
17) 1,1-DICHLOROETHANE	11.15	63	538483	3.69	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	198579	14.42	ug/L	98
19) 2,2-DICHLOROPROPANE	12.38	77	413661	3.80	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.47	96	337061	4.41	ug/L	90
21) CHLOROFORM	12.81	83	637400	4.25	ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	241923	3.76	ug/L	87
23) 1,2-DICHLOROETHANE	14.53	62	444904	4.25	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	466191	4.40	ug/L	98
27) 1,1-DICHLOROPROPENE	14.02	75	437666	4.38	ug/L	98
28) CARBON TETRACHLORIDE	14.29	117	392352	4.44	ug/L	97
29) BENZENE	14.63	78	1135453	4.64	ug/L	99
30) TRICHLOROETHENE	15.91	95	355156	4.84	ug/L	95
31) 1,2-DICHLOROPROPANE	16.27	63	301153	4.68	ug/L	97
32) DIBROMOMETHANE	16.93	174	151237	5.10	ug/L	94
33) BROMODICHLOROMETHANE	16.78	83	449637	4.88	ug/L	96
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	76670	4.03	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.34	58	169970	18.65	ug/L	95
36) CIS-1,3-DICHLOROPROPENE	17.87	75	409020	4.84	ug/L	98
37) TOLUENE	18.63	91	1301358	5.09	ug/L	98
38) TRANS-1,3-DICHLOROPROPENE	18.91	75	311272	5.14	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.28	97	198749	5.28	ug/L	99
40) TETRACHLOROETHENE	20.07	166	371498	5.26	ug/L	97
41) 1,3-DICHLOROPROPANE	19.83	76	359220	4.88	ug/L	98
42) DIBROMOCHLOROMETHANE	20.51	129	246257	5.37	ug/L	99
43) 1,2-DIBROMOETHANE	20.97	107	191596	5.13	ug/L	94
44) CHLOROBENZENE	21.84	112	876955	5.42	ug/L	93
45) 1,1,1,2-TETRACHLOROETHANE	21.89	131	301399	5.58	ug/L	96
46) 2-HEXANONE	19.18	43	312353	17.57	ug/L	97
47) ETHYLBENZENE	21.89	91	1629987	5.35	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603R5.D Vial: 6
Acq On : 3 Jun 2002 12:26 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 7 12:59 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

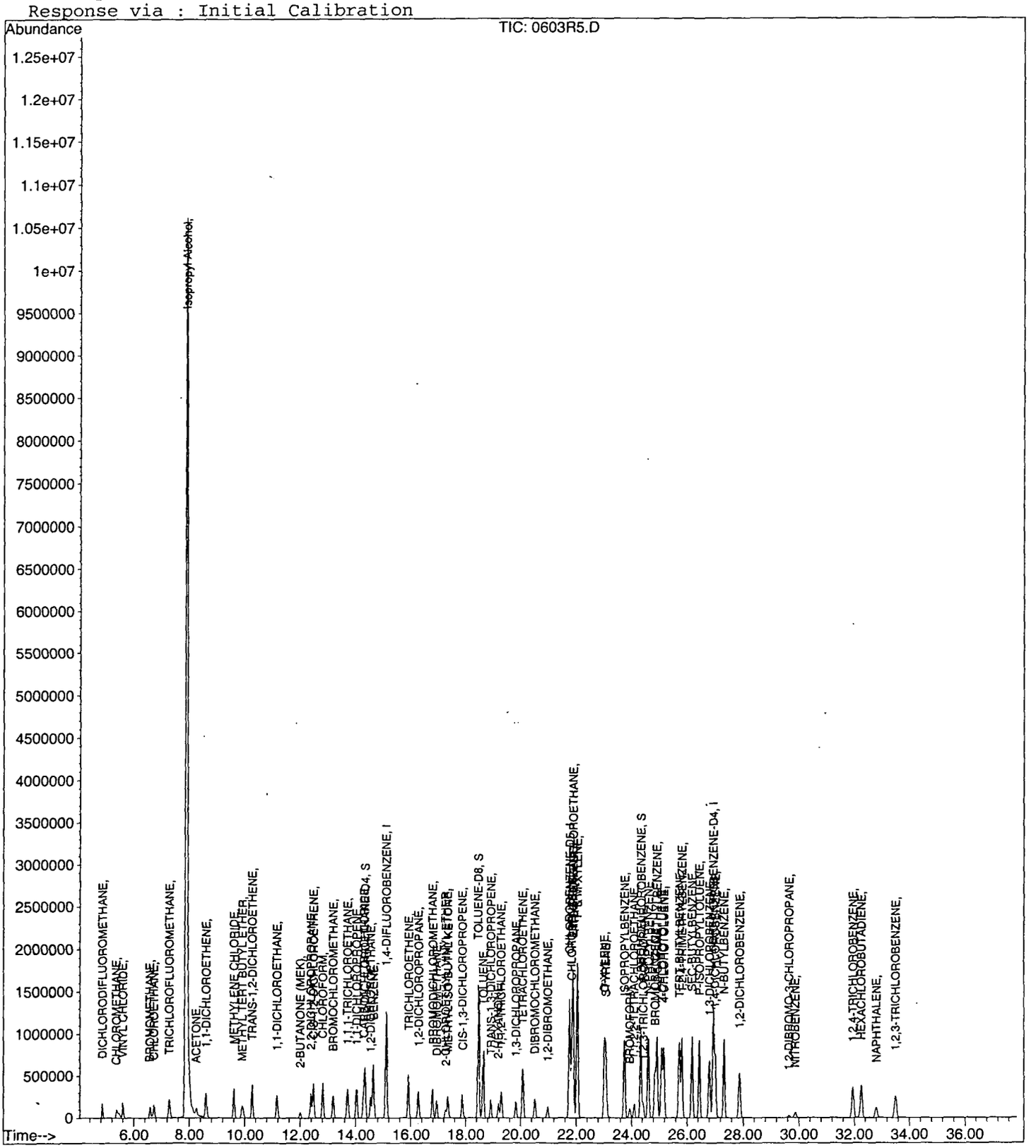
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.04	106	1099113	11.16 ug/L	95
49)	O-XYLENE	23.01	91	1291681	5.49 ug/L	97
50)	STYRENE	23.06	104	831808	5.75 ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	202783	5.15 ug/L	98
53)	BROMOFORM	23.93	173	106308	5.35 ug/L	98
54)	ISOPROPYLBENZENE	23.75	105	1414848	5.61 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.43	110	64047	5.59 ug/L	95
56)	N-PROPYLBENZENE	24.61	91	1810456	5.27 ug/L	97
57)	BROMOBENZENE	24.85	156	351471	5.93 ug/L	91
58)	1,3,5-TRIMETHYLBENZENE	24.92	105	1290478	5.76 ug/L	100
59)	2-CHLOROTOLUENE	25.09	91	1275920	5.52 ug/L	99
60)	4-CHLOROTOLUENE	25.16	91	1135449	4.92 ug/L	100
61)	TERT-BUTYLBENZENE	25.72	119	1158883	5.80 ug/L	94
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	1312865	5.69 ug/L	99
63)	SEC-BUTYLBENZENE	26.16	105	1580104	5.67 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	1287786	6.06 ug/L	97
65)	1,3-DICHLOROBENZENE	26.80	146	676521	5.93 ug/L	97
66)	1,4-DICHLOROBENZENE	27.00	146	676380	5.68 ug/L	99
67)	N-BUTYLBENZENE	27.32	91	1292579	5.66 ug/L	99
68)	1,2-DICHLOROBENZENE	27.87	146	556522	5.86 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	24995	5.65 ug/L	95
70)	1,2,4-TRICHLOROBENZENE	31.94	180	342395	6.08 ug/L	99
71)	HEXACHLOROBUTADIENE	32.25	225	236188	6.20 ug/L	98
72)	NAPHTHALENE	32.79	128	300257	6.15 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.49	180	268586	6.14 ug/L	98
74)	NITROBENZENE	29.86	77	101937	94.90 ug/L	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603R5.D Vial: 6
Acq On : 3 Jun 2002 12:26 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 7 12:59 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Jun 05 14:31:11 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603R5A.D Vial: 7
Acq On : 3 Jun 2002 1:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 7 13:03 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Jun 05 14:31:11 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1994739	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1835084	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	947064	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.33	65	806965	4.47	ug/L	-0.02
Spiked Amount 5.000			Recovery = 89.40%			
3) 4-BROMOFLUOROBENZENE	24.34	174	723584	4.56	ug/L	0.00
Spiked Amount 5.000			Recovery = 91.20%			
25) TOLUENE-D8	18.45	98	2378752	5.14	ug/L	-0.02
Spiked Amount 5.000			Recovery = 102.80%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	240486	3.38	ug/L	100
5) CHLOROMETHANE	5.37	50	400555	3.62	ug/L	97
6) VINYL CHLORIDE	5.59	62	284517	4.97	ug/L	98
7) BROMOMETHANE	6.56	94	198429	6.35	ug/L	99
8) CHLOROETHANE	6.71	64	248884	4.85	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.27	101	456602	5.38	ug/L	98
10) Isopropyl Alcohol	7.85	45	43038982	23283.43	ug/L	80
12) ACETONE	8.24	43	363467m	17.46	ug/L	
13) 1,1-DICHLOROETHENE	8.58	61	478531	3.28	ug/L	95
14) METHYLENE CHLORIDE	9.59	49	500781	3.76	ug/L	96
15) METHYL TERT BUTYL ETHER	9.90	73	428286	4.15	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.25	61	543452	3.69	ug/L	95
17) 1,1-DICHLOROETHANE	11.16	63	655318	3.97	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	237870	15.27	ug/L	95
19) 2,2-DICHLOROPROPANE	12.37	77	514703	4.18	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.47	96	410586	4.75	ug/L	86
21) CHLOROFORM	12.81	83	771378	4.55	ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	289860	3.98	ug/L	83
23) 1,2-DICHLOROETHANE	14.53	62	525691	4.44	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	558692	4.70	ug/L	99
27) 1,1-DICHLOROPROPENE	14.02	75	536378	4.79	ug/L	97
28) CARBON TETRACHLORIDE	14.27	117	468229	4.73	ug/L	98
29) BENZENE	14.61	78	1370349	4.99	ug/L	99
30) TRICHLOROETHENE	15.89	95	426707	5.19	ug/L	97
31) 1,2-DICHLOROPROPANE	16.25	63	357619	4.95	ug/L	100
32) DIBROMOMETHANE	16.93	174	180995	5.45	ug/L	83
33) BROMODICHLOROMETHANE	16.78	83	536426	5.19	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	95944	4.50	ug/L	92
35) METHYL ISO-BUTYL KETONE	17.32	58	204856	20.05	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.87	75	497182	5.25	ug/L	98
37) TOLUENE	18.62	91	1553672	5.42	ug/L	96
38) TRANS-1,3-DICHLOROPROPENE	18.89	75	373440	5.50	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.28	97	236102	5.60	ug/L	98
40) TETRACHLOROETHENE	20.07	166	440263	5.56	ug/L	99
41) 1,3-DICHLOROPROPANE	19.81	76	433098	5.24	ug/L	100
42) DIBROMOCHLOROMETHANE	20.51	129	287752	5.60	ug/L	98
43) 1,2-DIBROMOETHANE	20.97	107	223848	5.35	ug/L	92
44) CHLOROBENZENE	21.84	112	1050231	5.79	ug/L	92
45) 1,1,1,2-TETRACHLOROETHANE	21.89	131	353678	5.85	ug/L	97
46) 2-HEXANONE	19.18	43	365235	18.33	ug/L	100
47) ETHYLBENZENE	21.87	91	1946948	5.70	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603R5A.D Vial: 7
Acq On : 3 Jun 2002 1:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 7 13:03 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Jun 05 14:31:11 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

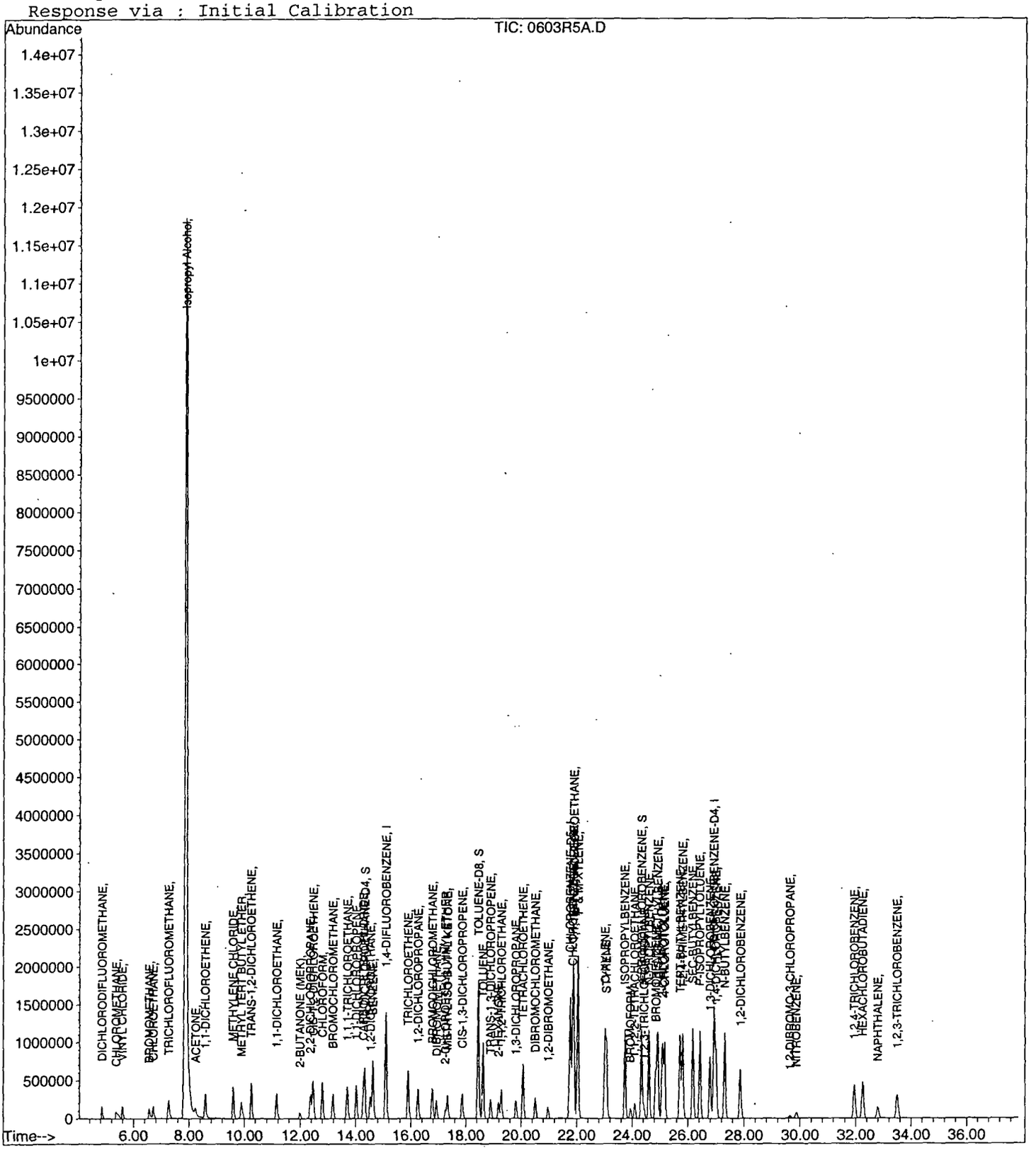
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.04	106	1318750	11.95 ug/L	95
49)	O-XYLENE	23.01	91	1549016	5.88 ug/L	98
50)	STYRENE	23.07	104	1006508	6.21 ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	243643	5.52 ug/L	99
53)	BROMOFORM	23.93	173	130149	5.74 ug/L	99
54)	ISOPROPYLBENZENE	23.73	105	1723803	5.98 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.43	110	76537	5.85 ug/L	89
56)	N-PROPYLBENZENE	24.60	91	2182199	5.55 ug/L	100
57)	BROMOBENZENE	24.85	156	412122	6.08 ug/L	89
58)	1,3,5-TRIMETHYLBENZENE	24.92	105	1550838	6.06 ug/L	100
59)	2-CHLOROTOLUENE	25.09	91	1600802	6.06 ug/L	99
60)	4-CHLOROTOLUENE	25.16	91	1310743	4.97 ug/L	99
61)	TERT-BUTYLBENZENE	25.72	119	1409597	6.17 ug/L	92
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	1586261	6.01 ug/L	99
63)	SEC-BUTYLBENZENE	26.17	105	1945447	6.11 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.42	119	1571178	6.47 ug/L	97
65)	1,3-DICHLOROBENZENE	26.80	146	818763	6.28 ug/L	97
66)	1,4-DICHLOROBENZENE	27.00	146	816977	6.01 ug/L	100
67)	N-BUTYLBENZENE	27.32	91	1592336	6.10 ug/L	97
68)	1,2-DICHLOROBENZENE	27.87	146	666421	6.14 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	31319	6.20 ug/L	97
70)	1,2,4-TRICHLOROBENZENE	31.94	180	412654	6.42 ug/L	99
71)	HEXACHLOROBUTADIENE	32.25	225	293105	6.73 ug/L	97
72)	NAPHTHALENE	32.79	128	360795	6.41 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.49	180	318058	6.37 ug/L	97
74)	NITROBENZENE	29.86	77	121402	98.74 ug/L	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\0603R5A.D Vial: 7
Acq On : 3 Jun 2002 1:56 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 7 13:03 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Jun 05 14:31:11 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june3\0603B2.D Vial: 1
Acq On : 3 Jun 2002 4:26 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 17:04 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

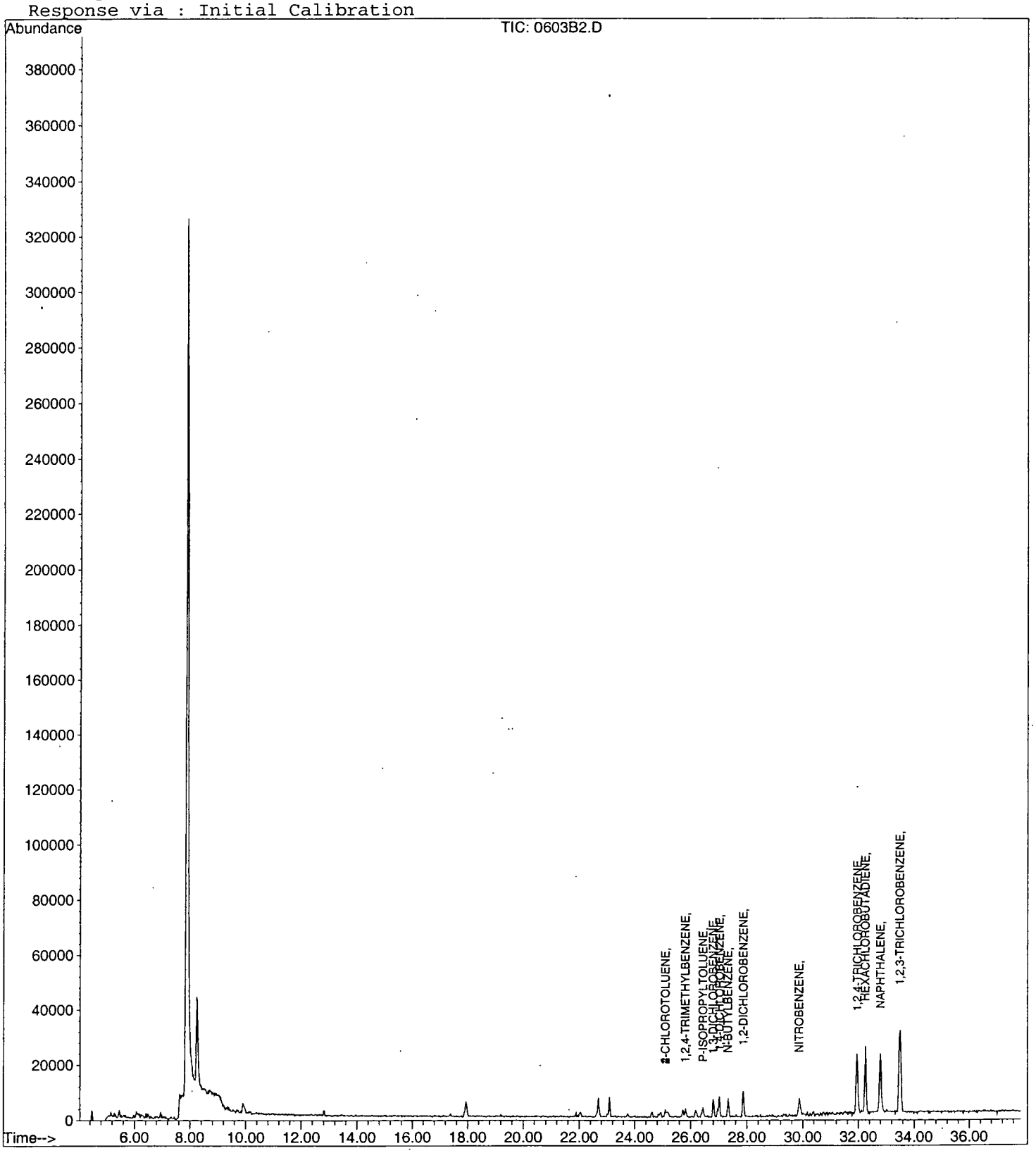
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.11
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.75
52) 1,4-DICHLOROBENZENE-D4	26.95	152	1612	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	0.00	65	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
3) 4-BROMOFLUOROBENZENE	0.00	174	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
25) TOLUENE-D8	0.00	98	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
59) 2-CHLOROTOLUENE	25.09	91	7792	17.34	ug/L	95
60) 4-CHLOROTOLUENE	25.09	91	7792	17.34	ug/L	95
62) 1,2,4-TRIMETHYLBENZENE	25.81	105	7185	16.00	ug/L	88
64) P-ISOPROPYLTOLUENE	26.44	119	7444	18.01	ug/L	84
65) 1,3-DICHLOROBENZENE	26.80	146	8509	38.37	ug/L	93
66) 1,4-DICHLOROBENZENE	27.02	146	8250	35.64	ug/L	91
67) N-BUTYLBENZENE	27.32	91	12505	28.17	ug/L	95
68) 1,2-DICHLOROBENZENE	27.87	146	12230	66.20	ug/L	94
70) 1,2,4-TRICHLOROBENZENE	31.96	180	25561	233.48	ug/L	96
71) HEXACHLOROBUTADIENE	32.25	225	17480	235.80	ug/L	92
72) NAPHTHALENE	32.79	128	57012	249.49	ug/L	91
73) 1,2,3-TRICHLOROBENZENE	33.49	180	38523	453.14	ug/L	97
74) NITROBENZENE	29.86	77	11513	2609.00	ug/L	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june3\0603B2.D Vial: 1
Acq On : 3 Jun 2002 4:26 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 17:04 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june3\0603B3.D Vial: 2
Acq On : 3 Jun 2002 5:09 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 17:47 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

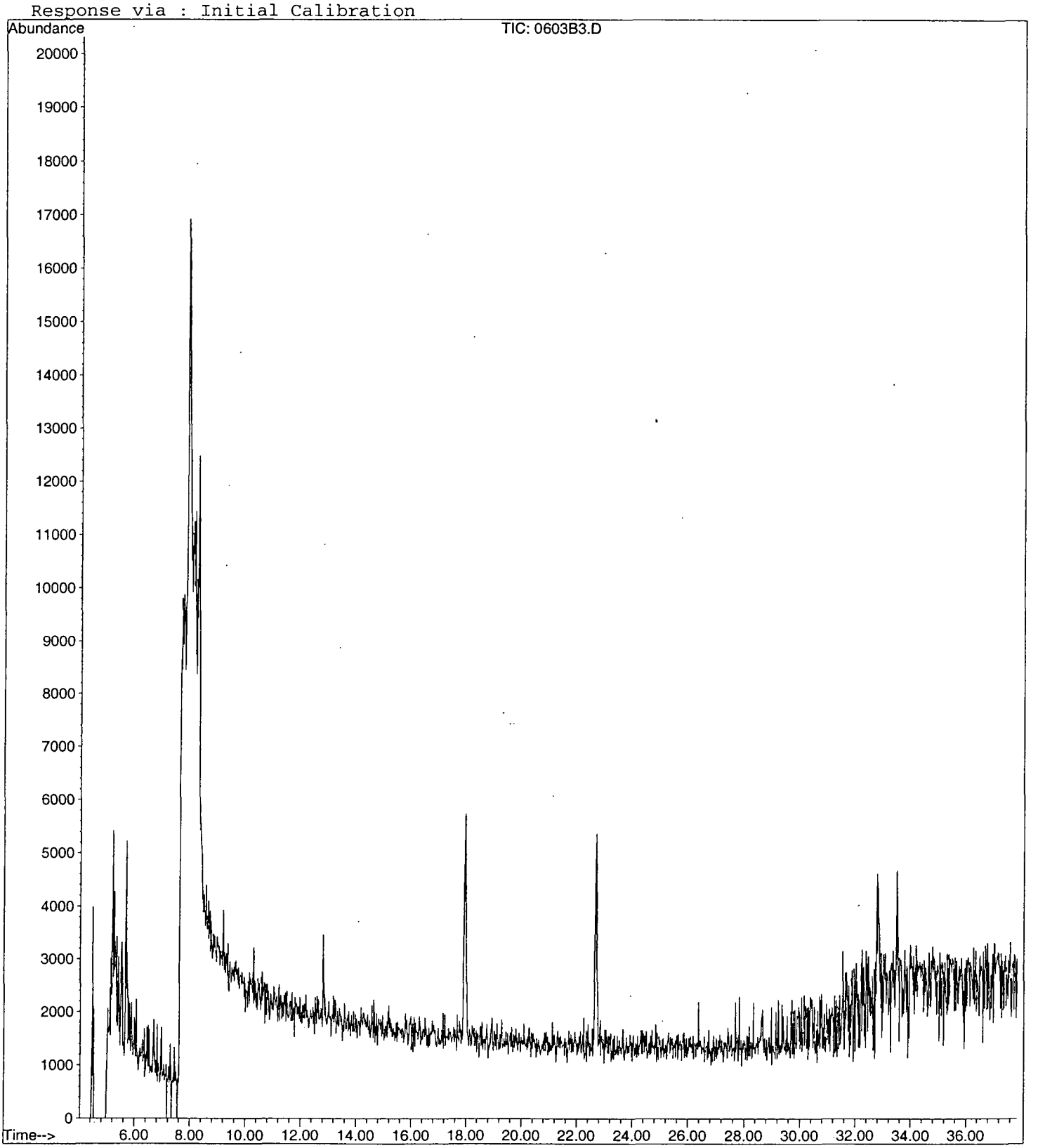
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.11
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.75
52) 1,4-DICHLOROBENZENE-D4	0.00	152	0	0.00	ug/L	-26.93
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	0.00	65	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
3) 4-BROMOFLUOROBENZENE	0.00	174	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
25) TOLUENE-D8	0.00	98	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june3\0603B3.D Vial: 2
Acq On : 3 Jun 2002 5:09 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 17:47 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:18:04

Sample: AE12734
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/3/02 00:05 Ended: 6/3/02 00:05 Analyst: BH
Result source: a:\12734.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3	0.5
3	Dichlorodifluoromethane		< MRL	0.5
4	Chloromethane		< MRL	0.5
5	Vinyl chloride		< MRL	0.5
6	Bromomethane		< MRL	0.5
7	Chloroethane		< MRL	0.5
8	Trichlorofluoromethane		< MRL	0.5
9	1,1-Dichloroethene		< MRL	0.5
10	Methylene Chloride		< MRL	0.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	0.5
13	1,1-dichloroethane		< MRL	0.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	0.5
16	cis-1,2-dichloroethene		< MRL	0.5
17	*THM-Chloroform		< MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MRL	0.5
22	1,1-dichloropropene		< MRL	0.5
23	Carbon tetrachloride		< MRL	0.5
24	Benzene		< MRL	0.5
25	Trichloroethene		< MRL	0.5
26	1,2-dichloropropane		< MRL	0.5
27	Dibromomethane		< MRL	0.5
28	*THM-Bromodichloromethane		< MRL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	0.5
31	Toluene		< MRL	0.5
32	trans-1,3-dichloropropene		< MRL	0.5
33	1,1,2-trichloroethane		< MRL	0.5
34	Tetrachloroethene		< MRL	0.5
35	1,3-dichloropropane		< MRL	0.5
36	*THM-Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	0.5
38	1,1,1,2-tetrachloroethane		< MRL	0.5
39	Ethylbenzene		< MRL	0.5
40	P & M-xylene		< MRL	0.5
41	O-xylene		< MRL	0.5
42	Styrene		< MRL	0.5
43	1,1,2,2-tetrachloroethane		< MRL	0.5
44	*THM-Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	0.5
46	1,2,3-trichloropropane		< MRL	0.5
47	N-propylbenzene		< MRL	0.5
48	Bromobenzene		< MRL	0.5

REVIEWED BY _____
DATE 6/7/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:18:04

Sample: AE12734
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/3/02 00:05 Ended: 6/3/02 00:05 Analyst: BH
Result source: a:\12734.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MRL	0.5
50	2-chlorotoluene		< MRL	0.5
51	4-chlorotoluene		< MRL	0.5
52	TERT-butylbenzene		< MRL	0.5
53	1,2,4-trimethylbenzene		< MRL	0.5
54	SEC-butylbenzene		< MRL	0.5
55	P-isopropyltoluene		< MRL	0.5
56	1,3-dichlorobenzene		< MRL	0.5
57	1,4-dichlorobenzene		< MRL	0.5
58	N-butylbenzene		< MRL	0.5
59	1,2-dichlorobenzene		< MRL	0.5
60	1,2,4-trichlorobenzene		< MRL	0.5
61	Hexachlorobutadiene		< MRL	0.5
62	Naphthalene		< MRL	0.5
63	1,2,3-trichlorobenzene		< MRL	0.5

Data File : C:\HPCHEM\1\DATA\02june3\12734.D Vial: 3
Acq On : 3 Jun 2002 5:52 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 18:31 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1493647	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.77	117	1377141	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	620681	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	639795	4.74	ug/L	0.00
Spiked Amount 5.000			Recovery =	94.80%		
3) 4-BROMOFLUOROBENZENE	24.36	174	515095	4.33	ug/L	0.02
Spiked Amount 5.000			Recovery =	86.60%		
25) TOLUENE-D8	18.46	98	1830986	5.28	ug/L	0.00
Spiked Amount 5.000			Recovery =	105.60%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.88	45	22430	16.21	ug/L	80
12) ACETONE	8.26	43	37489	2.41	ug/L	98

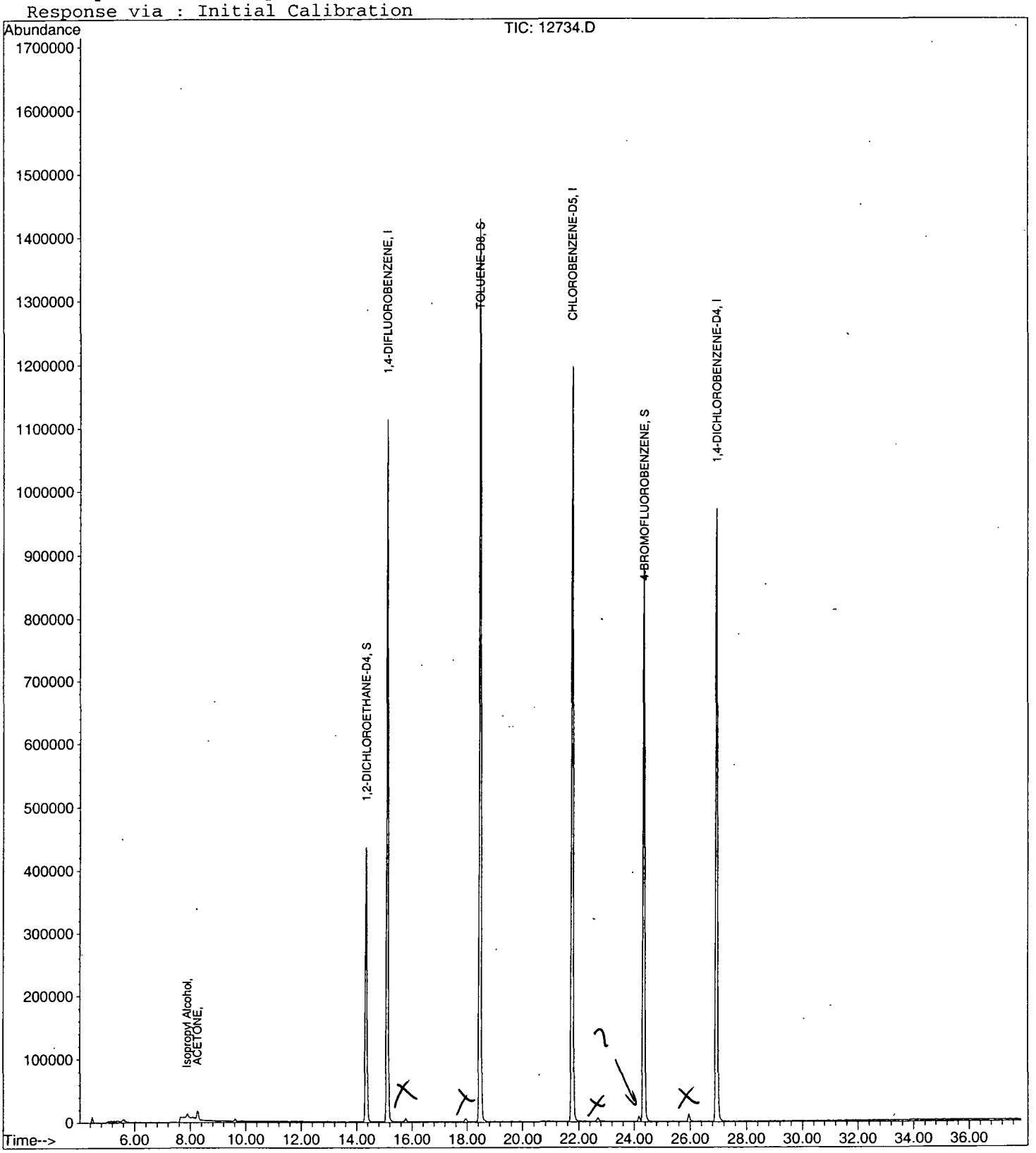
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june3\12734.D
Acq On : 3 Jun 2002 5:52 pm
Sample : 524
Misc :
MS Integration Params: GAS6.P
Quant Time: Jun 3 18:31 2002

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02june3\12734.D Vial: 3
Acq On : 3 Jun 2002 5:52 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

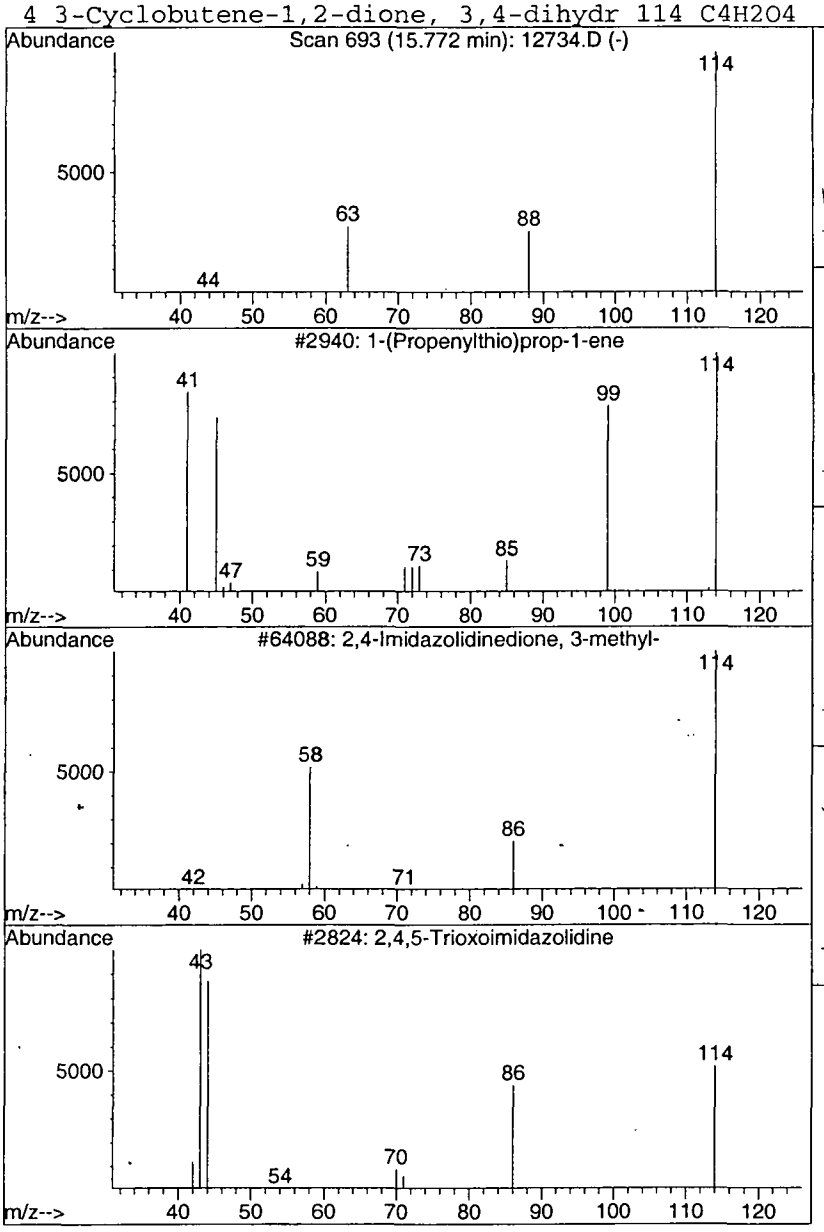
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

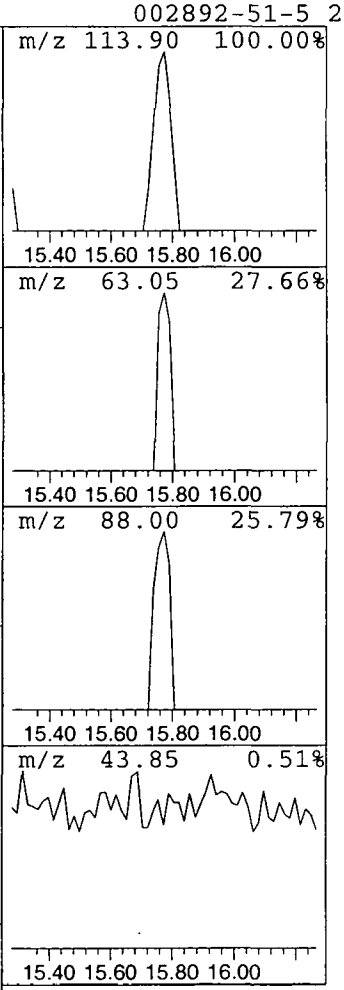
****

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	22270	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2





Data File : C:\HPCHEM\1\DATA\02june3\12734.D Vial: 3
Acq On : 3 Jun 2002 5:52 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

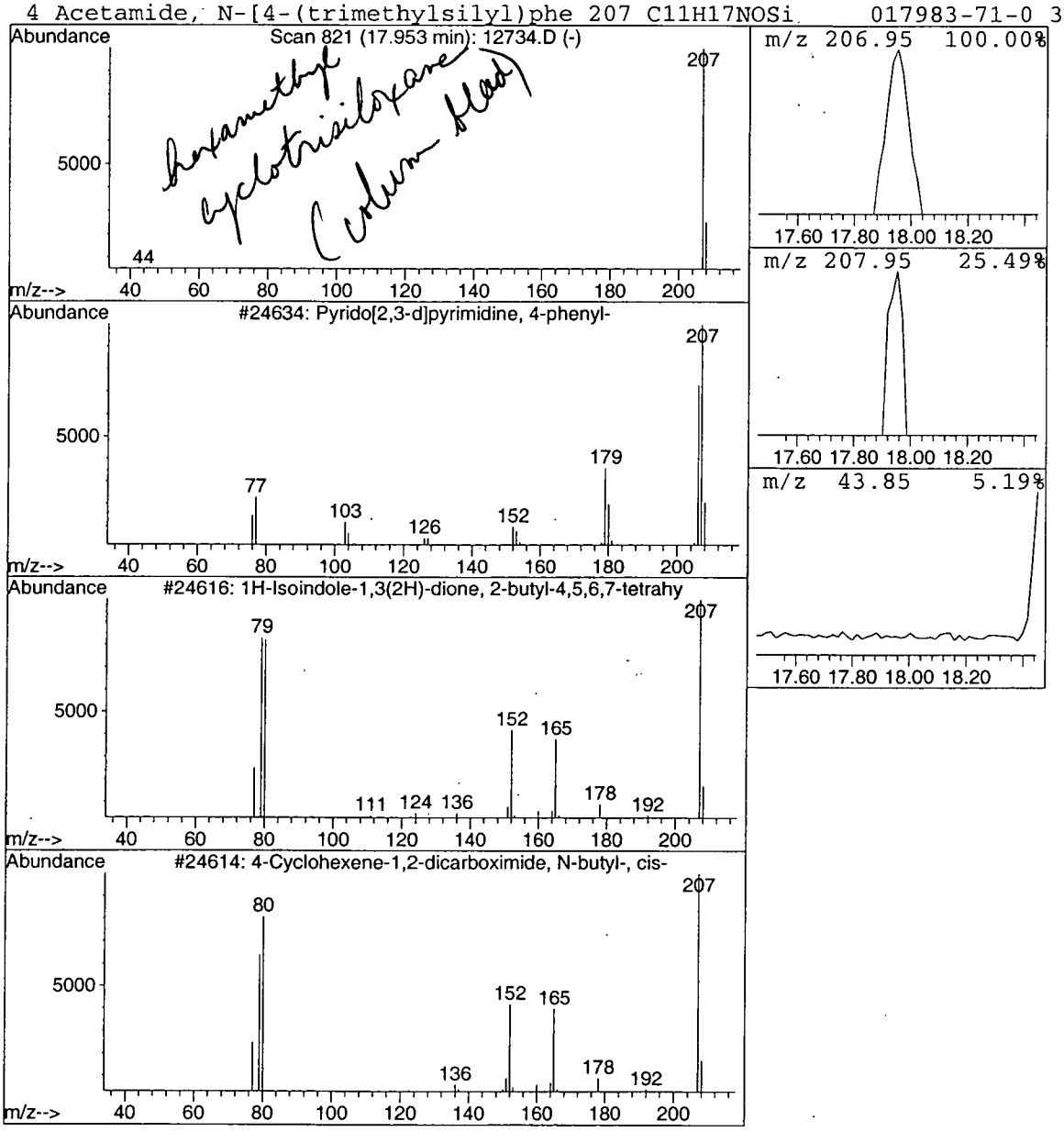
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Pyrido[2,3-d]pyrimidine, 4-phe Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	0.03 ug/L	25925	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
2	1H-Isoindole-1,3(2H)-dione, 2-butyl	207	C12H17NO2	054934-85-9	5
3	4-Cyclohexene-1,2-dicarboximide, N-	207	C12H17NO2	028916-00-9	5
4	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	3



Data File : C:\HPCHEM\1\DATA\02june3\12734.D Vial: 3
Acq On : 3 Jun 2002 5:52 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

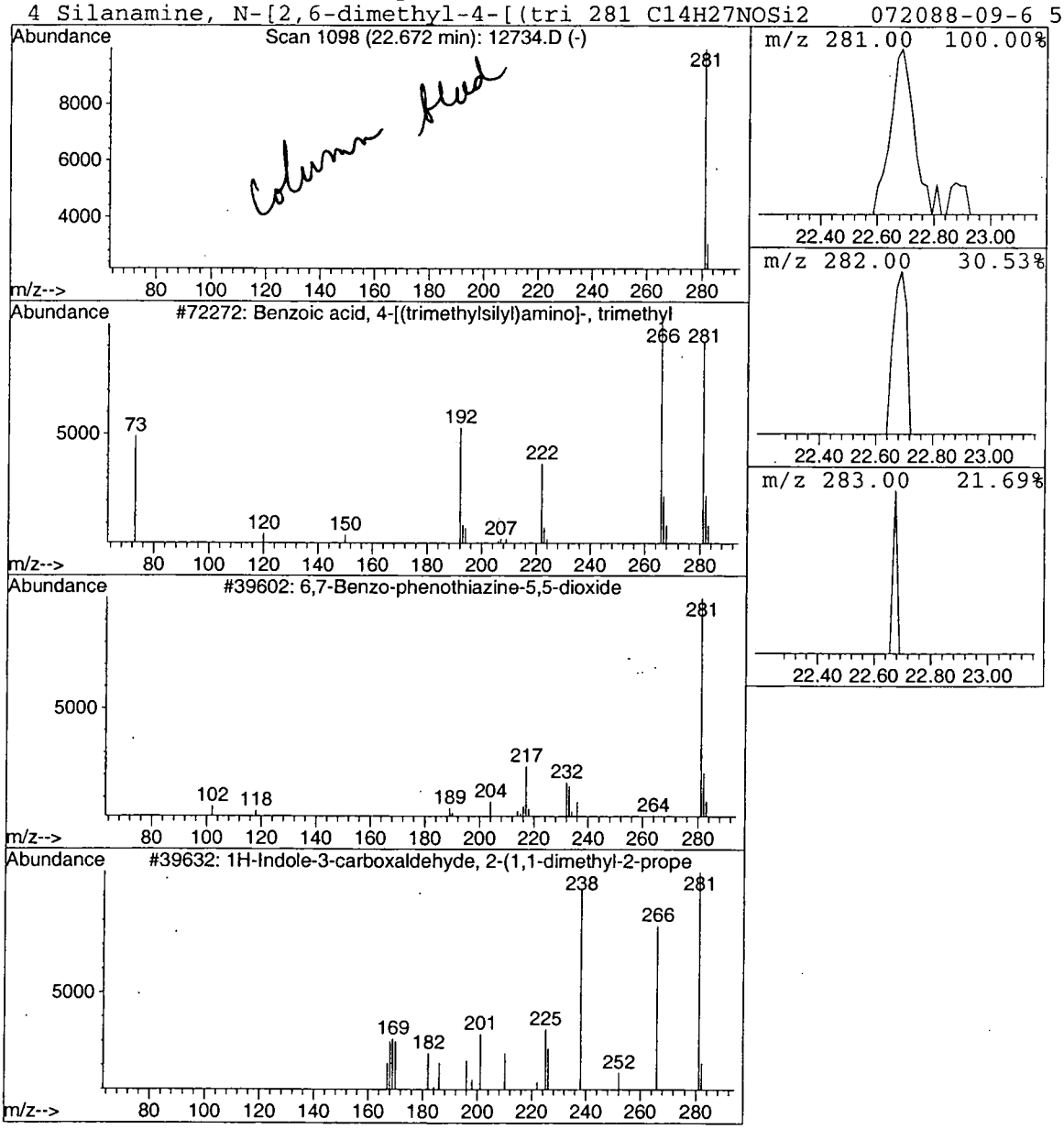
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Benzoic acid, 4-[(trimethylsil Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	0.03 ug/L	29509	CHLOROBENZENE-D5	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-[(trimethylsilyl)am	281	C13H23NO2Si2	018406-05-8	5
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
3	1H-Indole-3-carboxaldehyde, 2-(1,1-	281	C19H23NO	025584-28-5	5
4	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june3\12734.D Vial: 3
Acq On : 3 Jun 2002 5:52 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

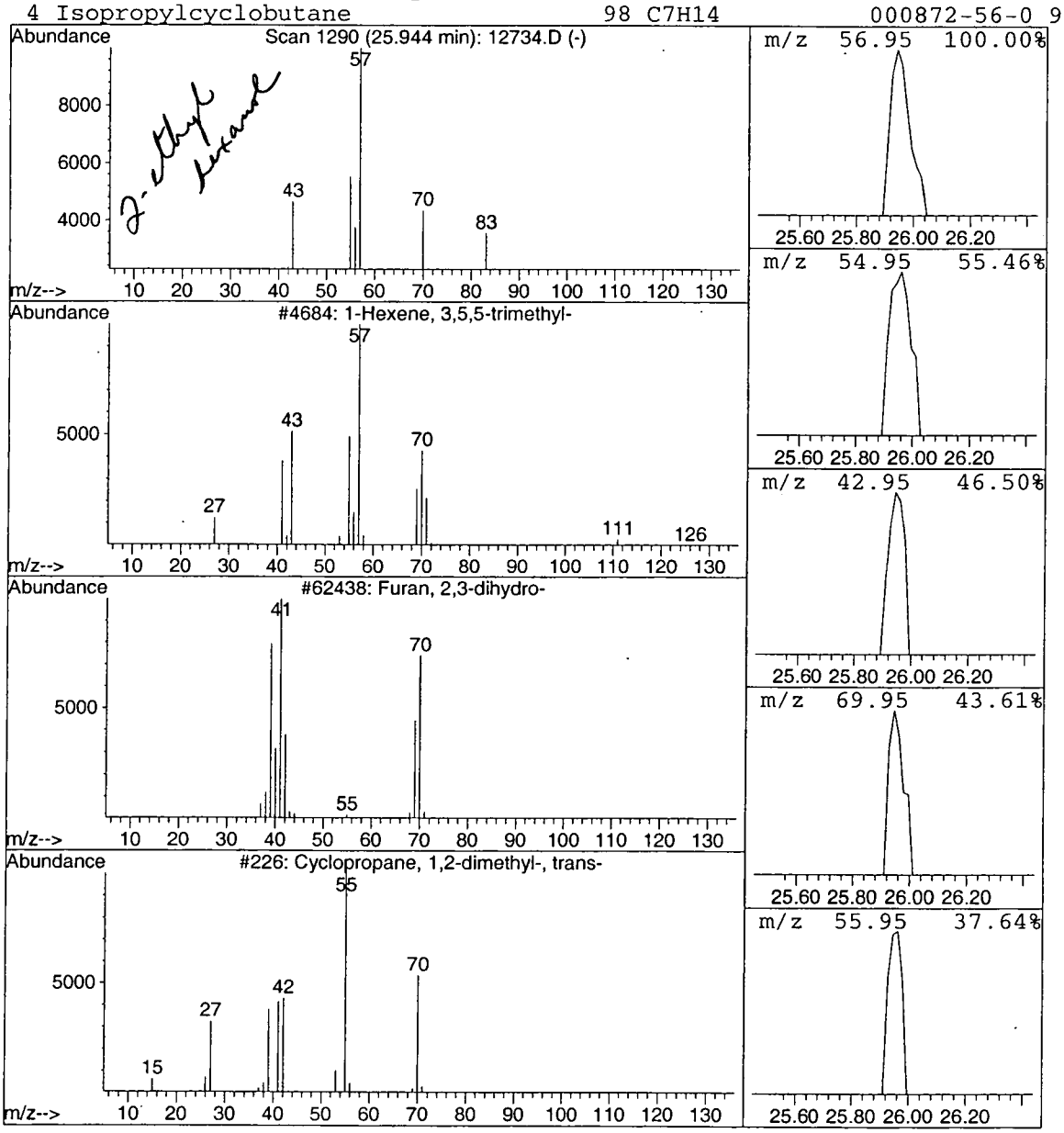
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1-Hexene, 3,5,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	0.06 ug/L	51132	1,4-DICHLOROBENZENE-D4	26.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	28
2	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	9
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	9
4	Isopropylcyclobutane	98	C7H14	000872-56-0	9



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:25:48

Sample: AE12735
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/3/02 00:06 Ended: 6/3/02 00:06 Analyst: BH
Result source: a:\12735.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	0.5
3	Dichlorodifluoromethane		< MRL	0.5
4	Chloromethane		< MRL	0.5
5	Vinyl chloride		< MRL	0.5
6	Bromomethane		< MRL	0.5
7	Chloroethane		< MRL	0.5
8	Trichlorofluoromethane		< MRL	0.5
9	1,1-Dichloroethene		< MRL	0.5
10	Methylene Chloride		< MRL	0.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	0.5
13	1,1-dichloroethane		< MRL	0.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	0.5
16	cis-1,2-dichloroethene		< MRL	0.5
17	*THM-Chloroform		< MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MRL	0.5
22	1,1-dichloropropene		< MRL	0.5
23	Carbon tetrachloride		< MRL	0.5
24	Benzene		< MRL	0.5
25	Trichloroethene		< MRL	0.5
26	1,2-dichloropropane		< MRL	0.5
27	Dibromomethane		< MRL	0.5
28	*THM-Bromodichloromethane		< MRL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	0.5
31	Toluene		< MRL	0.5
32	trans-1,3-dichloropropene		< MRL	0.5
33	1,1,2-trichloroethane		< MRL	0.5
34	Tetrachloroethene		< MRL	0.5
35	1,3-dichloropropane		< MRL	0.5
36	*THM-Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	0.5
38	1,1,1,2-tetrachloroethane		< MRL	0.5
39	Ethylbenzene		< MRL	0.5
40	P & M-xylene		< MRL	0.5
41	O-xylene		< MRL	0.5
42	Styrene		< MRL	0.5
43	1,1,2,2-tetrachloroethane		< MRL	0.5
44	*THM-Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	0.5
46	1,2,3-trichloropropane		< MRL	0.5
47	N-propylbenzene		< MRL	0.5
48	Bromobenzene		< MRL	0.5

REVIEWED BY
DATE 6/7/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:25:48

Sample: AE12735
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/3/02 00:06 Ended: 6/3/02 00:06 Analyst: BH
Result source: a:\12735.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MRL	0.5
50	2-chlorotoluene		< MRL	0.5
51	4-chlorotoluene		< MRL	0.5
52	TERT-butylbenzene		< MRL	0.5
53	1,2,4-trimethylbenzene		< MRL	0.5
54	SEC-butylbenzene		< MRL	0.5
55	P-isopropyltoluene		< MRL	0.5
56	1,3-dichlorobenzene		< MRL	0.5
57	1,4-dichlorobenzene		< MRL	0.5
58	N-butylbenzene		< MRL	0.5
59	1,2-dichlorobenzene		< MRL	0.5
60	1,2,4-trichlorobenzene		< MRL	0.5
61	Hexachlorobutadiene		< MRL	0.5
62	Naphthalene		< MRL	0.5
63	1,2,3-trichlorobenzene		< MRL	0.5

Data File : C:\HPCHEM\1\DATA\02june3\12735.D Vial: 4
Acq On : 3 Jun 2002 6:35 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 19:14 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1566096	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.77	117	1425270	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	633597	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	667617	4.72	ug/L	0.00
Spiked Amount 5.000			Recovery =	94.40%		
3) 4-BROMOFLUOROBENZENE	24.34	174	524455	4.21	ug/L	0.00
Spiked Amount 5.000			Recovery =	84.20%		
25) TOLUENE-D8	18.46	98	1908312	5.31	ug/L	0.00
Spiked Amount 5.000			Recovery =	106.20%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.88	45	16643	11.47	ug/L	79
12) ACETONE	8.26	43	68681	4.20	ug/L	99

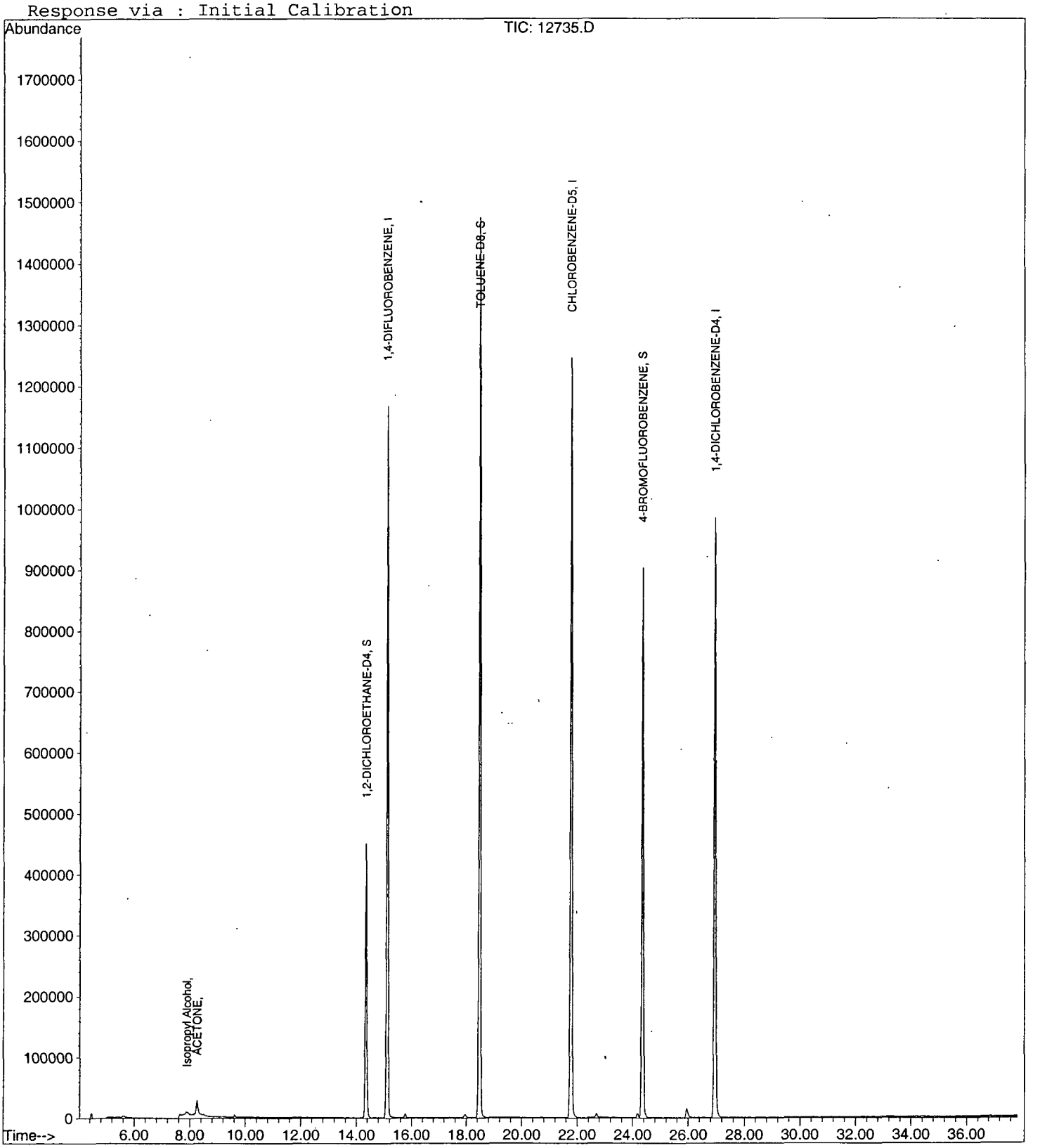
lab cont

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june3\12735.D Vial: 4
Acq On : 3 Jun 2002 6:35 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 19:14 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june3\12735.D Vial: 4
Acq On : 3 Jun 2002 6:35 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

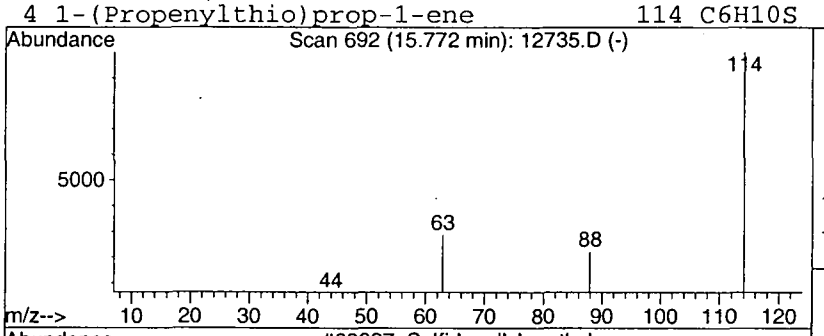
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

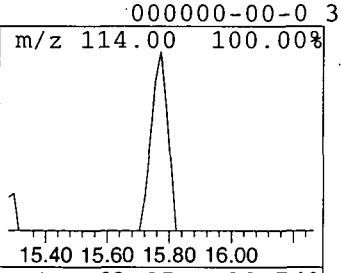
****

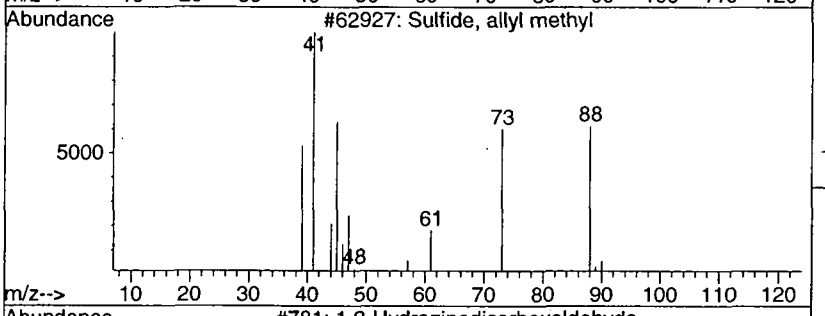
Peak Number 1 Sulfide, allyl methyl Concentration Rank 5

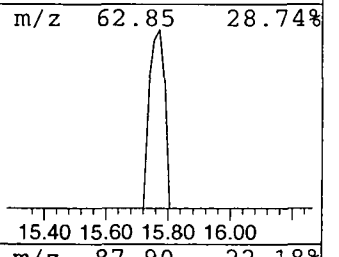
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	23267	1,4-DIFLUOROBENZENE	15.11

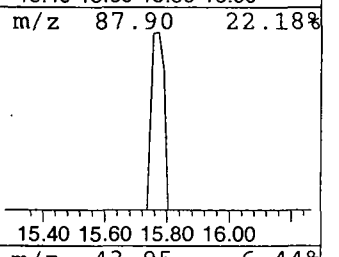
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, allyl methyl	88	C4H8S	010152-76-8	3
2	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
3	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3

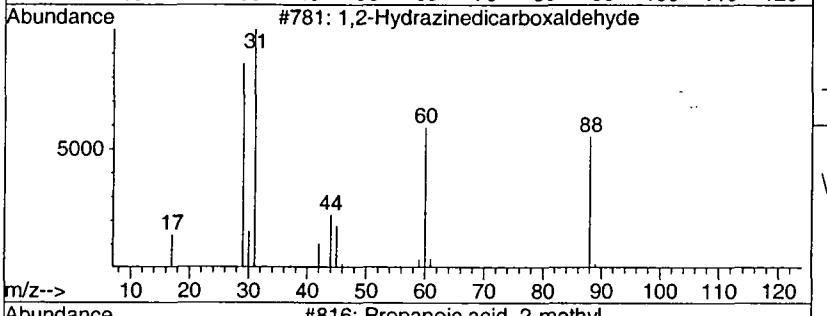


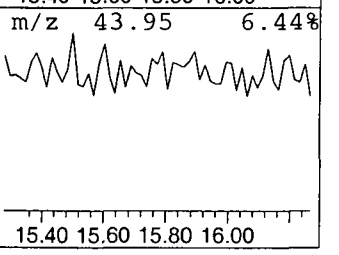


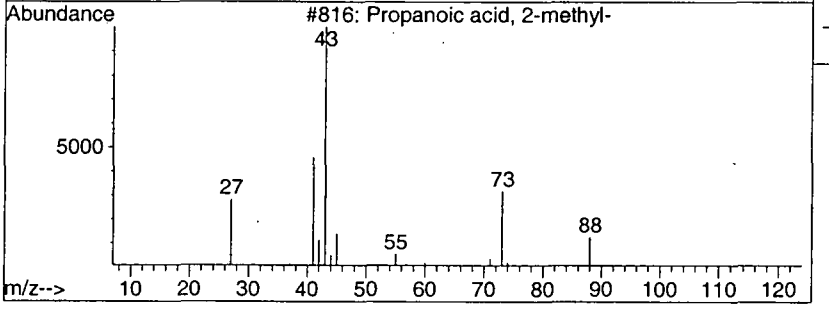












Data File : C:\HPCHEM\1\DATA\02june3\12735.D Vial: 4
Acq On : 3 Jun 2002 6:35 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

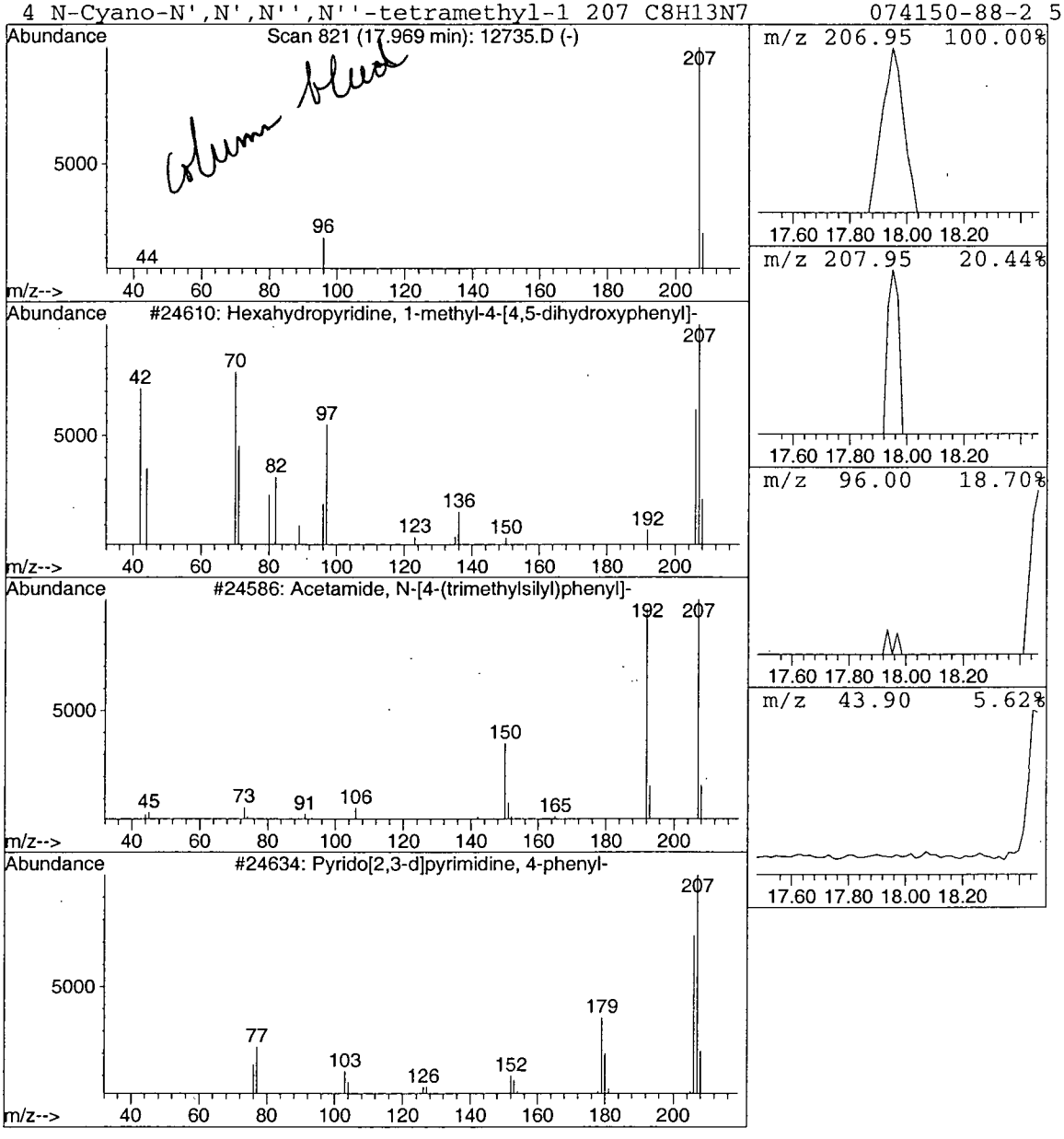
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexahydropyridine, 1-methyl-4- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	0.03 ug/L	27448	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW.	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	N-Cyano-N',N',N'',N''-tetramethyl-1	207	C8H13N7	074150-88-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june3\12735.D Vial: 4
Acq On : 3 Jun 2002 6:35 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

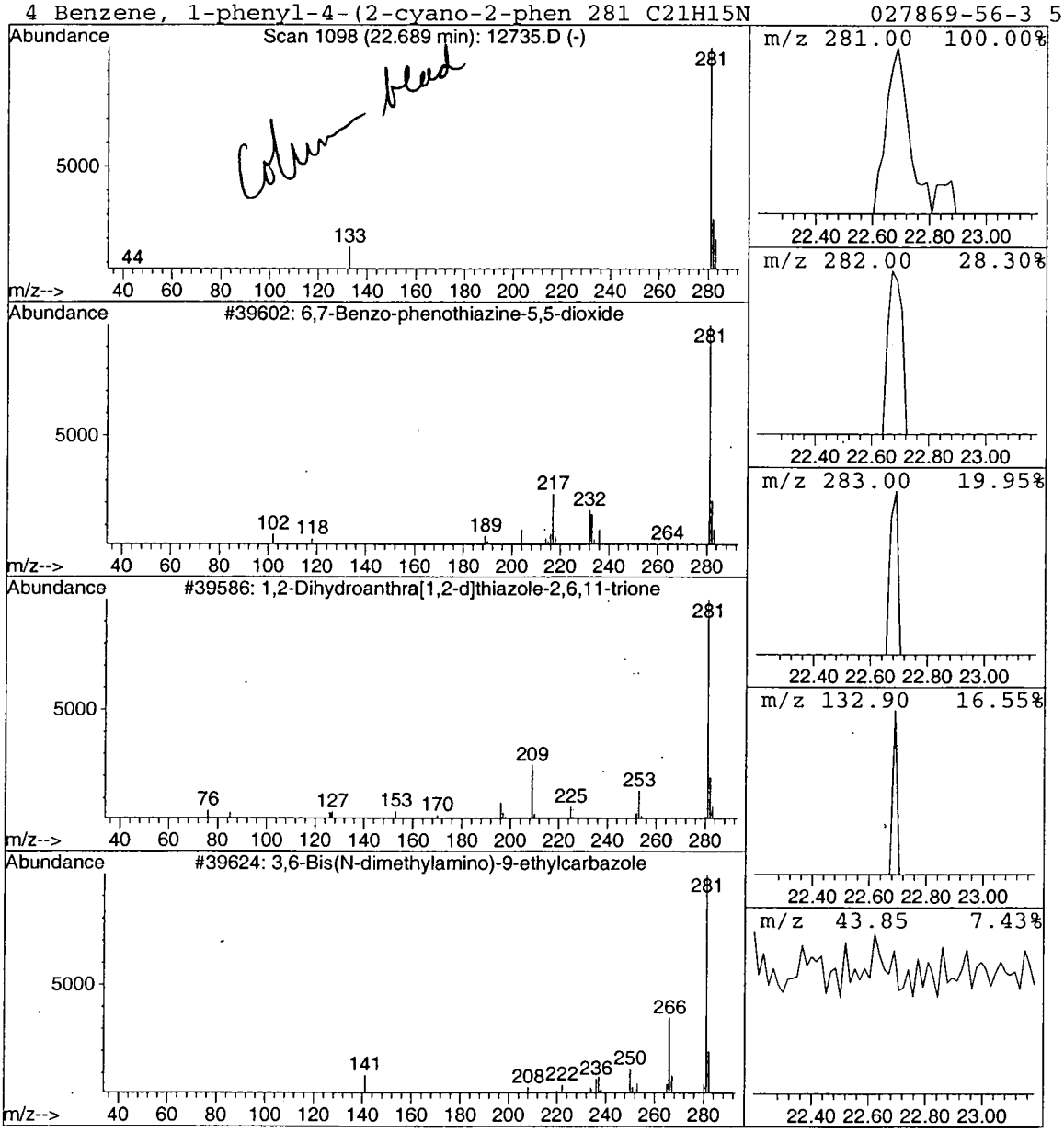
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 6,7-Benzo-phenothiazine-5,5-di Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	0.03 ug/L	27980	CHLOROBENZENE-D5	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
2	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	5
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june3\12735.D Vial: 4
Acq On : 3 Jun 2002 6:35 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

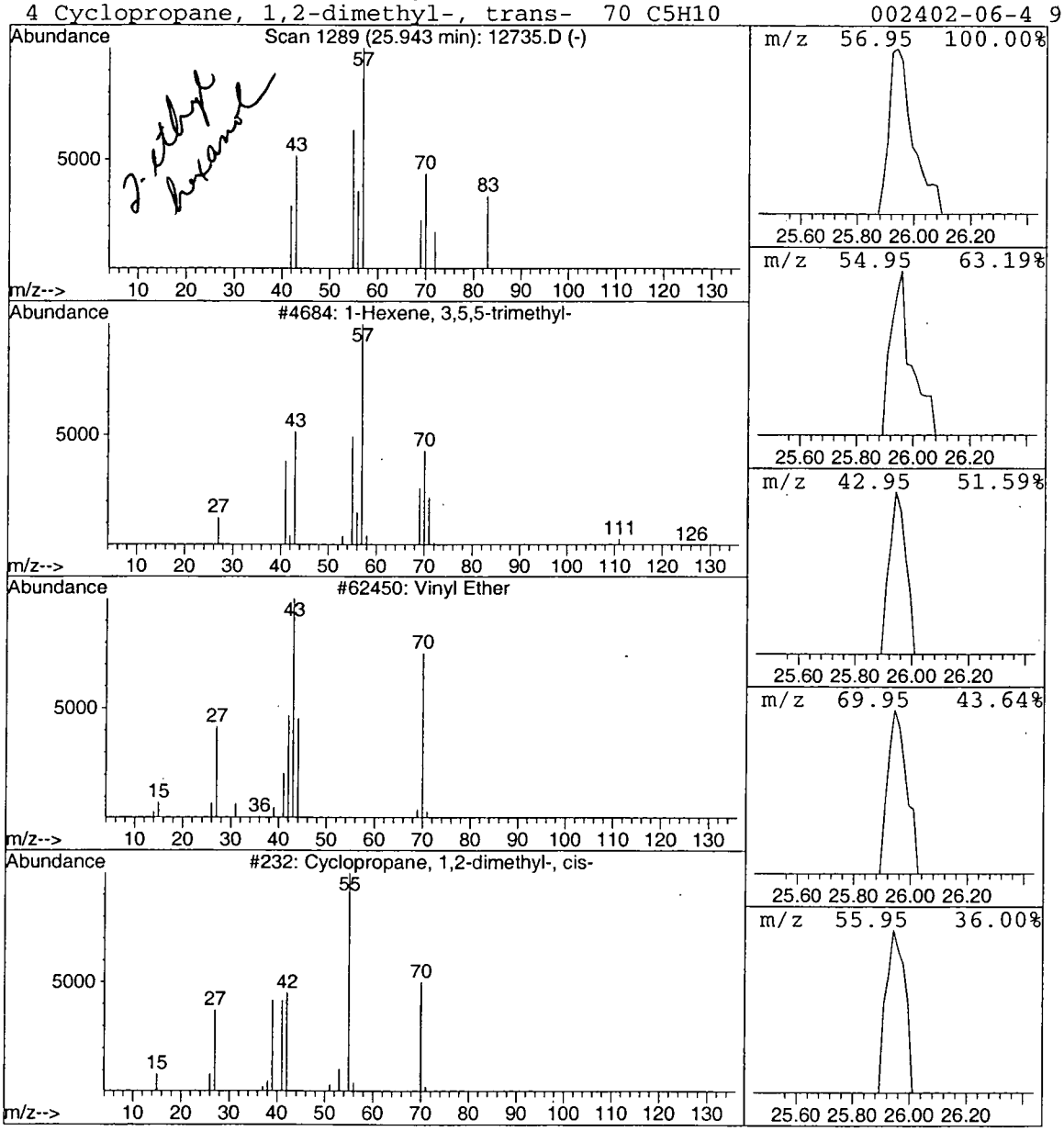
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1-Hexene, 3,5,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	0.09 ug/L	70150	1,4-DICHLOROBENZENE-D4	26.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	25
2	Vinyl Ether	70	C4H6O	000109-93-3	9
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	9
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	9



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:26:25

Sample: AE12736
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/3/02 00:07 Ended: 6/3/02 00:07 Analyst: BH
Result source: a:\12736.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3	0.5
3	Dichlorodifluoromethane		< MRL	0.5
4	Chloromethane		< MRL	0.5
5	Vinyl chloride		< MRL	0.5
6	Bromomethane		< MRL	0.5
7	Chloroethane		< MRL	0.5
8	Trichlorofluoromethane		< MRL	0.5
9	1,1-Dichloroethene		< MRL	0.5
10	Methylene Chloride		< MRL	0.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	0.5
13	1,1-dichloroethane		< MRL	0.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	0.5
16	cis-1,2-dichloroethene		< MRL	0.5
17	*THM-Chloroform		< MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		5.2	0.5
21	1,1,1- trichloroethane		< MRL	0.5
22	1,1-dichloropropene		< MRL	0.5
23	Carbon tetrachloride		< MRL	0.5
24	Benzene		< MRL	0.5
25	Trichloroethene		< MRL	0.5
26	1,2-dichloropropane		< MRL	0.5
27	Dibromomethane		< MRL	0.5
28	*THM-Bromodichloromethane		< MRL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	0.5
31	Toluene		< MRL	0.5
32	trans-1,3-dichloropropene		< MRL	0.5
33	1,1,2-trichloroethane		< MRL	0.5
34	Tetrachloroethene		< MRL	0.5
35	1,3-dichloropropane		< MRL	0.5
36	*THM-Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	0.5
38	1,1,1,2-tetrachloroethane		< MRL	0.5
39	Ethylbenzene		< MRL	0.5
40	P & M-xylene		< MRL	0.5
41	O-xylene		< MRL	0.5
42	Styrene		< MRL	0.5
43	1,1,2,2-tetrachloroethane		< MRL	0.5
44	*THM-Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	0.5
46	1,2,3-trichloropropane		< MRL	0.5
47	N-propylbenzene		< MRL	0.5
48	Bromobenzene		< MRL	0.5

REVIEWED BY AV
DATE 6/7/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:26:25

Sample: AE12736
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/3/02 00:07 Ended: 6/3/02 00:07 Analyst: BH
Result source: a:\12736.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		< MRL	0.5
50	2-chlorotoluene		< MRL	0.5
51	4-chlorotoluene		< MRL	0.5
52	TERT-butylbenzene		< MRL	0.5
53	1,2,4-trimethylbenzene		< MRL	0.5
54	SEC-butylbenzene		< MRL	0.5
55	P-isopropyltoluene		< MRL	0.5
56	1,3-dichlorobenzene		< MRL	0.5
57	1,4-dichlorobenzene		< MRL	0.5
58	N-butylbenzene		< MRL	0.5
59	1,2-dichlorobenzene		< MRL	0.5
60	1,2,4-trichlorobenzene		< MRL	0.5
61	Hexachlorobutadiene		< MRL	0.5
62	Naphthalene		< MRL	0.5
63	1,2,3-trichlorobenzene		< MRL	0.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june3\12736.D Vial: 5
Acq On : 3 Jun 2002 7:18 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 19:56 2002 Quant Results File: HP052902.RES

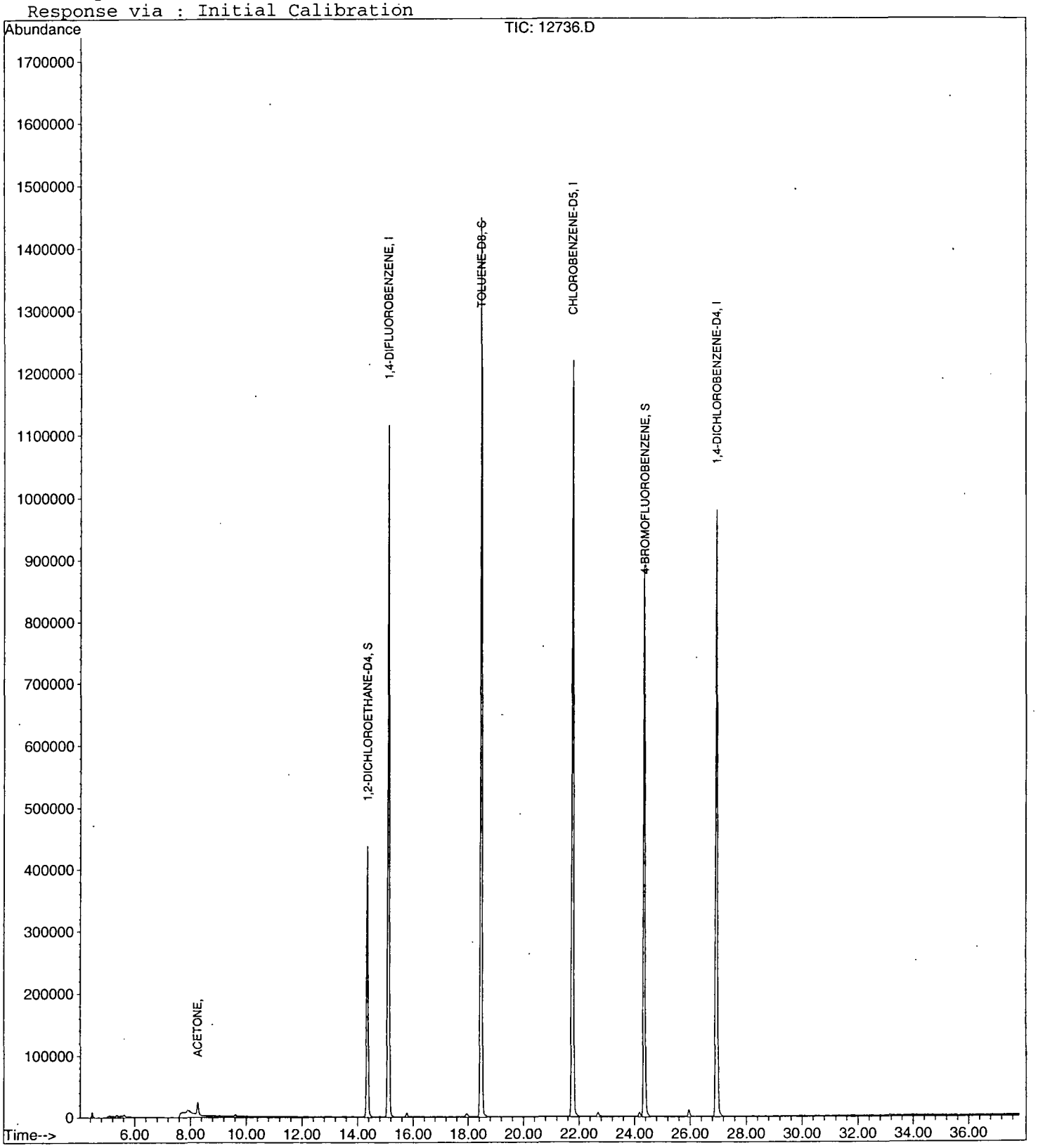
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1517319	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.77	117	1412905	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	622623	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	649022	4.73	ug/L	0.00
Spiked Amount 5.000			Recovery = 94.60%			
3) 4-BROMOFLUOROBENZENE	24.36	174	519108	4.30	ug/L	0.02
Spiked Amount 5.000			Recovery = 86.00%			
25) TOLUENE-D8	18.46	98	1864986	5.24	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.80%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	62409	3.94	ug/L	95

(#) = qualifier out of range (m) = manual integration
12736.D HP052902.M Mon Jun 03 19:57:04 2002 Page 1

Data File : C:\HPCHEM\1\DATA\02june3\12736.D Vial: 5
Acq On : 3 Jun 2002 7:18 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 19:56 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june3\12736.D Vial: 5
Acq On : 3 Jun 2002 7:18 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

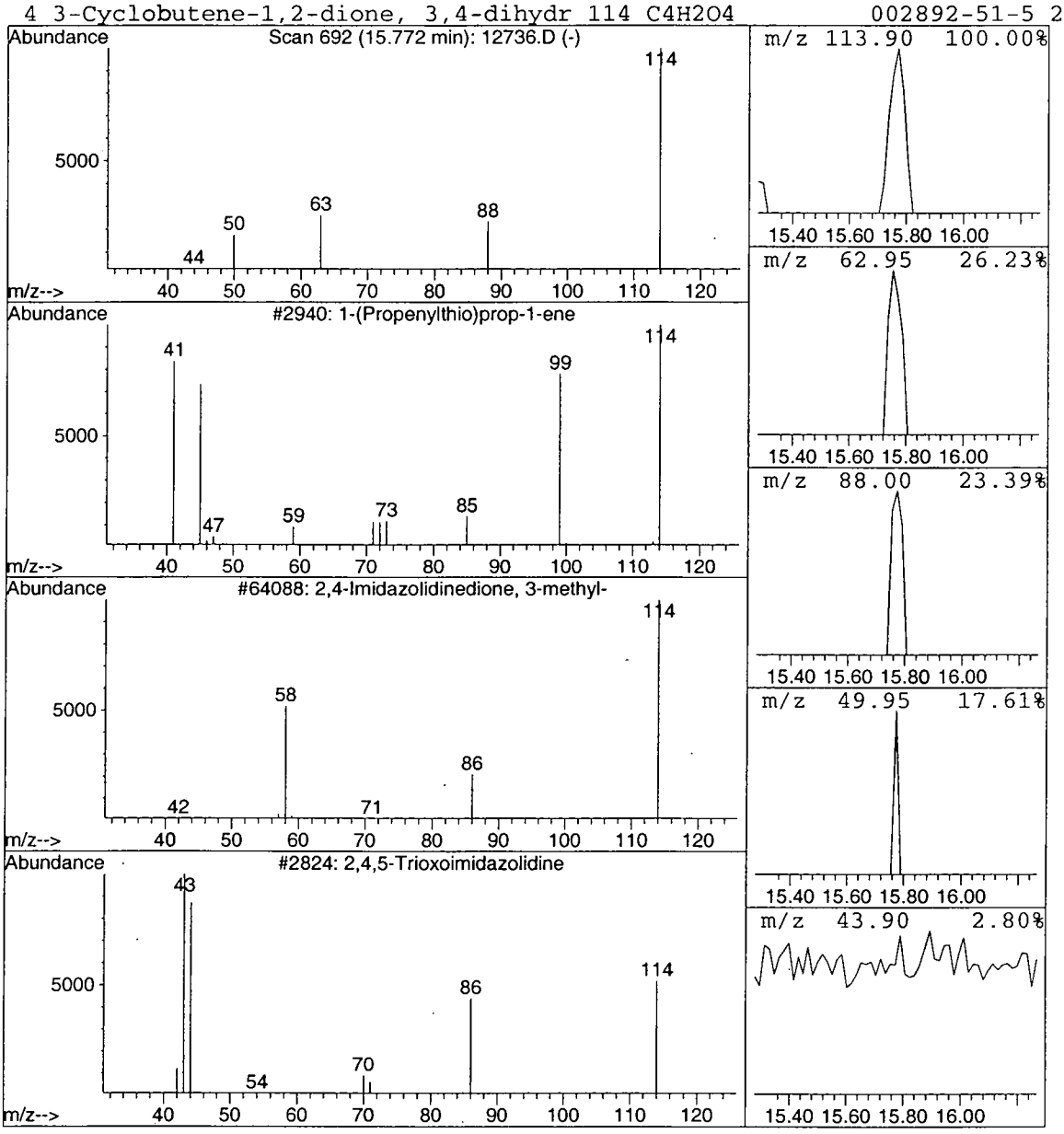
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.03 ug/L	22290	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



Data File : C:\HPCHEM\1\DATA\02june3\12736.D Vial: 5
Acq On : 3 Jun 2002 7:18 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

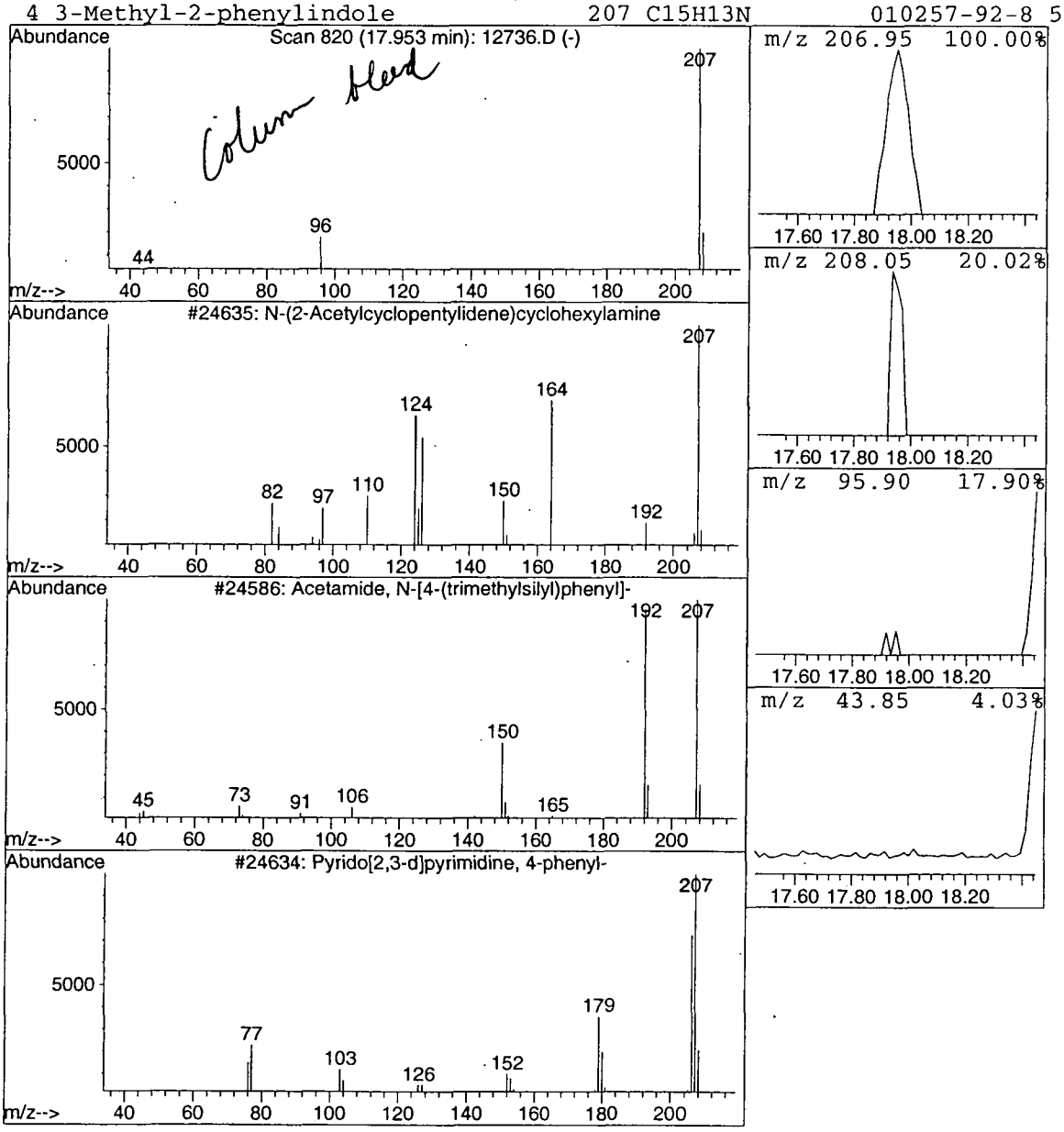
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 N-(2-Acetylcyclopentylidene)cy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	0.03 ug/L	28165	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
2	Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7
3	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4	3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	5



Library Search Compound Report:

Data File : C:\HPCHEM\1\DATA\02june3\12736.D Vial: 5
Acq On : 3 Jun 2002 7:18 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

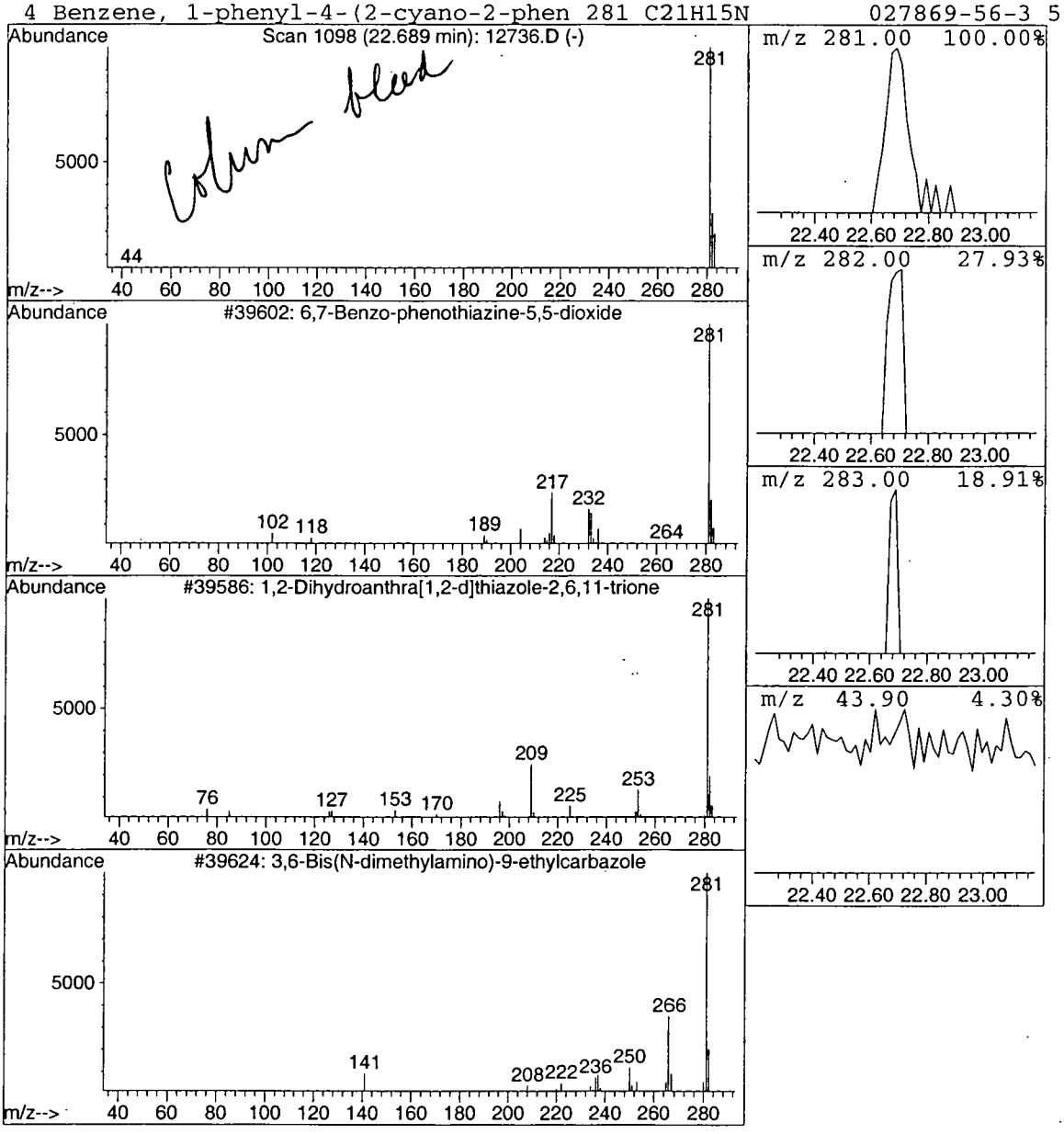
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 6,7-Benzo-phenothiazine-5,5-di Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	0.03 ug/L	28971	CHLOROBENZENE-D5	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
2	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	5
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5



Data File : C:\HPCHEM\1\DATA\02june3\12736.D Vial: 5
Acq On : 3 Jun 2002 7:18 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

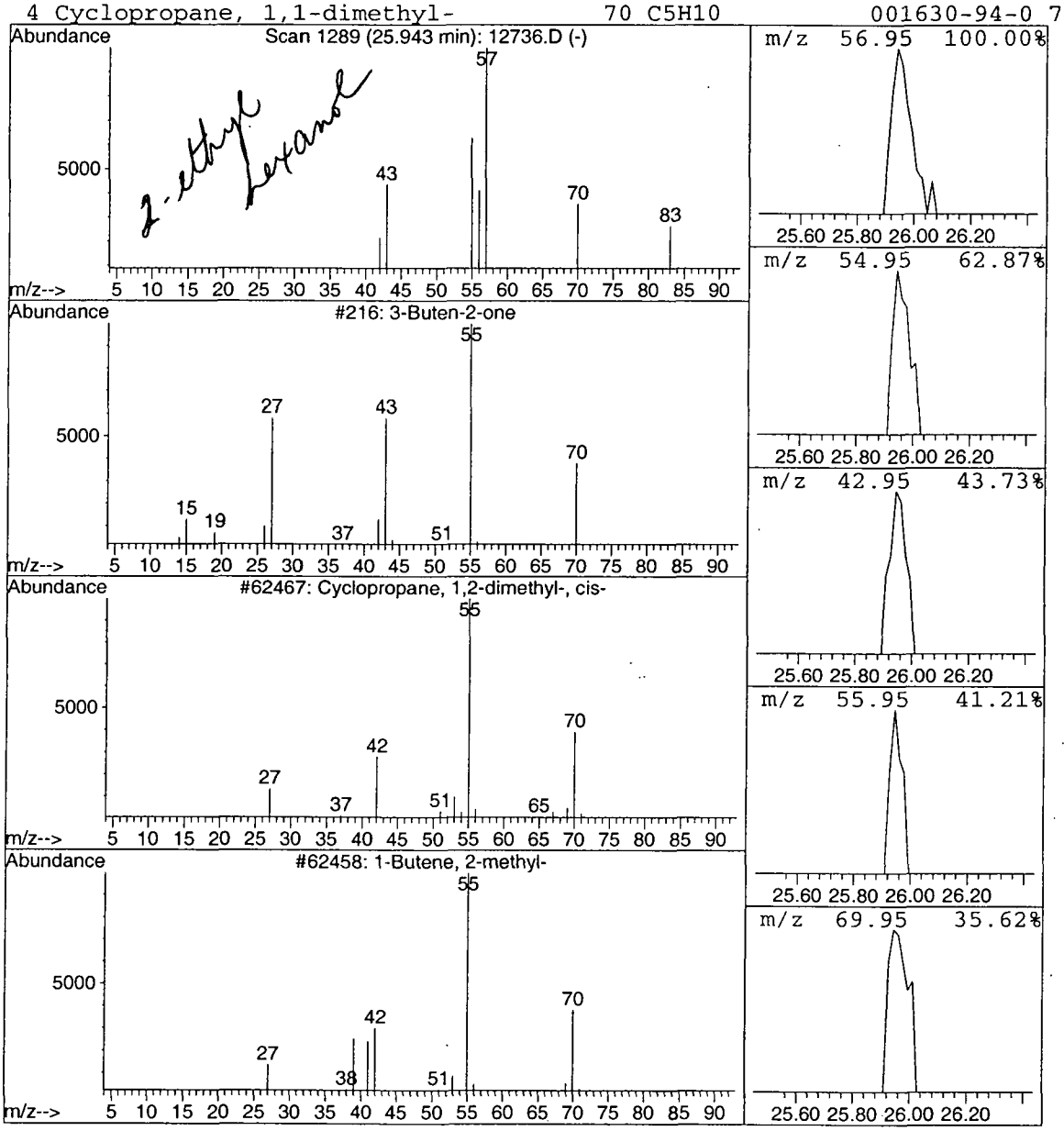
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Buten-2-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.94	0.06 ug/L	45382	1,4-DICHLOROBENZENE-D4	26.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one	70	C4H6O	000078-94-4	7
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	7
3	1-Butene, 2-methyl-	70	C5H10	000563-46-2	7
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	7



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:26:53

Sample: AE12737
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/3/02 00:08 Ended: 6/3/02 00:08 Analyst: BH
Result source: a:\12737.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	0.5
3	Dichlorodifluoromethane		< MRL	0.5
4	Chloromethane		< MRL	0.5
5	Vinyl chloride		< MRL	0.5
6	Bromomethane		< MRL	0.5
7	Chloroethane		< MRL	0.5
8	Trichlorofluoromethane		< MRL	0.5
9	1,1-Dichloroethene		< MRL	0.5
10	Methylene Chloride		< MRL	0.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	0.5
13	1,1-dichloroethane		< MRL	0.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	0.5
16	cis-1,2-dichloroethene		< MRL	0.5
17	*THM-Chloroform		< MRL	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		5.3	0.5
21	1,1,1- trichloroethane		< MRL	0.5
22	1,1-dichloropropene		< MRL	0.5
23	Carbon tetrachloride		< MRL	0.5
24	Benzene		< MRL	0.5
25	Trichloroethene		< MRL	0.5
26	1,2-dichloropropane		< MRL	0.5
27	Dibromomethane		< MRL	0.5
28	*THM-Bromodichloromethane		< MRL	0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	0.5
31	Toluene		< MRL	0.5
32	trans-1,3-dichloropropene		< MRL	0.5
33	1,1,2-trichloroethane		< MRL	0.5
34	Tetrachloroethene		< MRL	0.5
35	1,3-dichloropropane		< MRL	0.5
36	*THM-Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	0.5
38	1,1,1,2-tetrachloroethane		< MRL	0.5
39	Ethylbenzene		< MRL	0.5
40	P & M-xylene		< MRL	0.5
41	O-xylene		< MRL	0.5
42	Styrene		< MRL	0.5
43	1,1,2,2-tetrachloroethane		< MRL	0.5
44	*THM-Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	0.5
46	1,2,3-trichloropropane		< MRL	0.5
47	N-propylbenzene		< MRL	0.5
48	Bromobenzene		< MRL	0.5

REVIEWED BY AV
DATE 6/7/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 15:03:01

Sample: AE12737
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 6/3/2002 00:08 Ended: 6/3/2002 00:08 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	0.5
49	1,3,5-trimethylbenzene		< MRL	0.5
50	2-chlorotoluene		< MRL	0.5
51	4-chlorotoluene		< MRL	0.5
52	TERT-butylbenzene		< MRL	0.5
53	1,2,4-trimethylbenzene		< MRL	0.5
54	SEC-butylbenzene		< MRL	0.5
55	P-isopropyltoluene		< MRL	0.5
56	1,3-dichlorobenzene		< MRL	0.5
57	1,4-dichlorobenzene		0.25-below MRL	0.5
58	N-butylbenzene		< MRL	0.5
59	1,2-dichlorobenzene		< MRL	0.5
60	1,2,4-trichlorobenzene		< MRL	0.5
61	Hexachlorobutadiene		< MRL	0.5
62	Naphthalene		< MRL	0.5
63	1,2,3-trichlorobenzene		< MRL	0.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june3\12737.D Vial: 6
Acq On : 3 Jun 2002 8:01 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 20:39 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1564426	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.77	117	1414296	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	646715	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	673619	4.76	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.20%		
3) 4-BROMOFLUOROBENZENE	24.34	174	525754	4.22	ug/L	0.00
Spiked Amount 5.000			Recovery =	84.40%		
25) TOLUENE-D8	18.46	98	1888024	5.30	ug/L	0.00
Spiked Amount 5.000			Recovery =	106.00%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	77007	4.72	ug/L	93
14) METHYLENE CHLORIDE	9.60	49	5230	0.05	ug/L	87
~~65) 1,3-DICHLOROBENZENE~~	27.02	146	22517	0.25	ug/L	90
66) 1,4-DICHLOROBENZENE	27.02	146	22517	0.24	ug/L	92

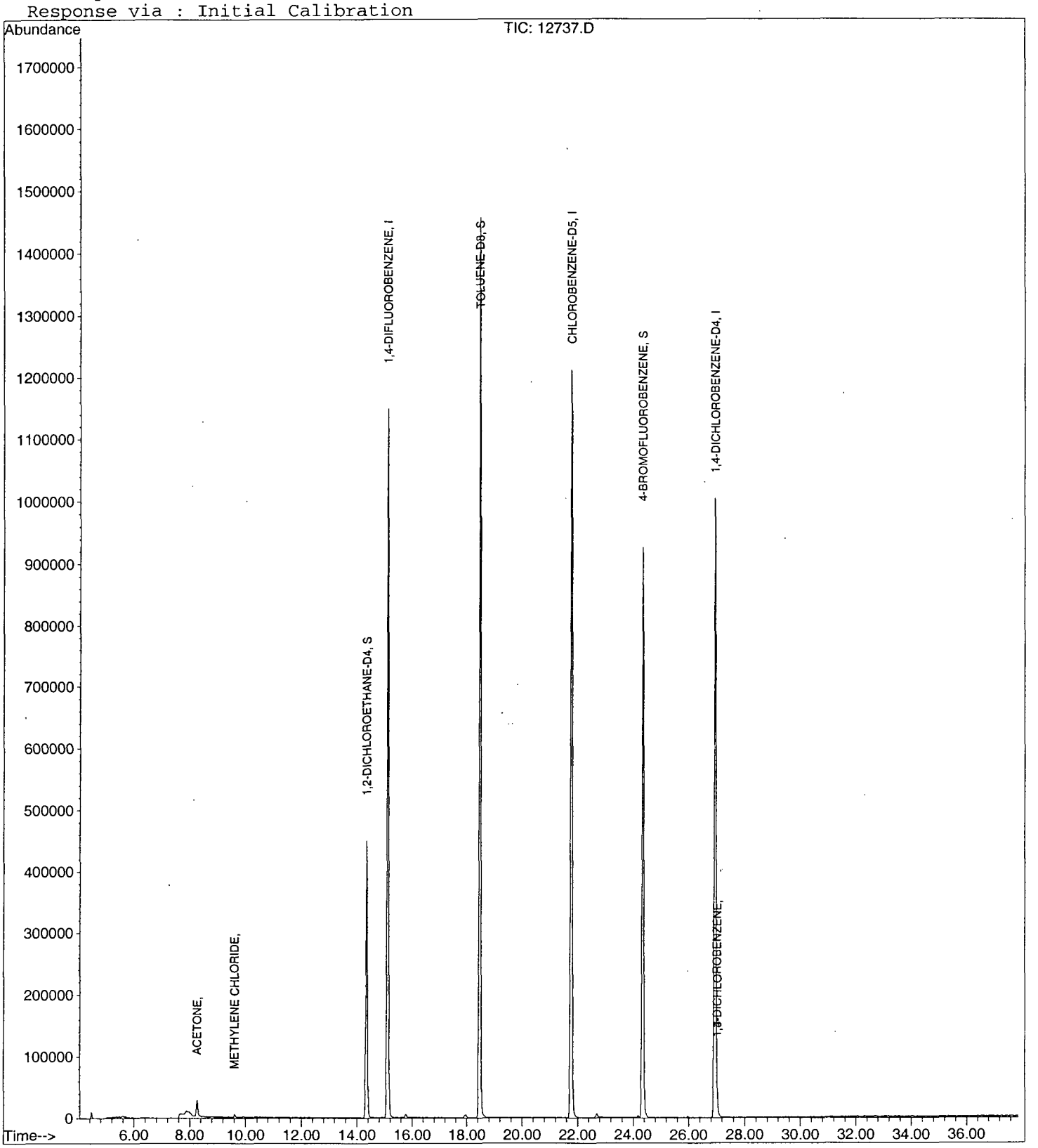
(#) = qualifier out of range (m) = manual integration
12737.D HP052902.M Mon Jun 03 20:39:59 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june3\12737.D
Acq On : 3 Jun 2002 8:01 pm
Sample : 524
Misc :
MS Integration Params: GAS6.P
Quant Time: Jun 3 20:39 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02june3\12737.D Vial: 6
Acq On : 3 Jun 2002 8:01 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

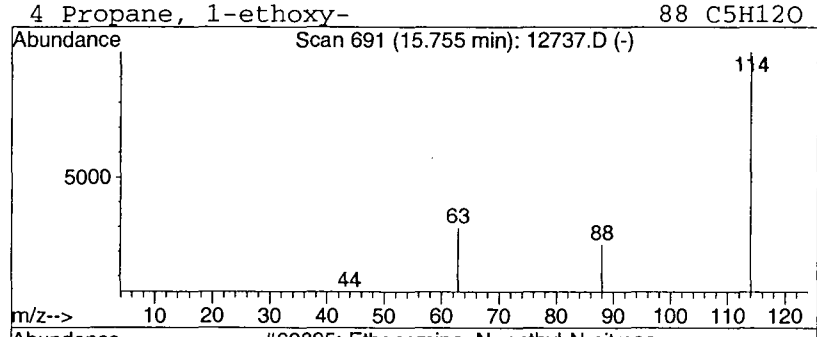
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

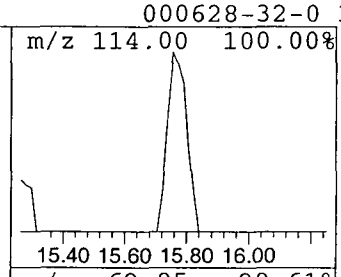
****

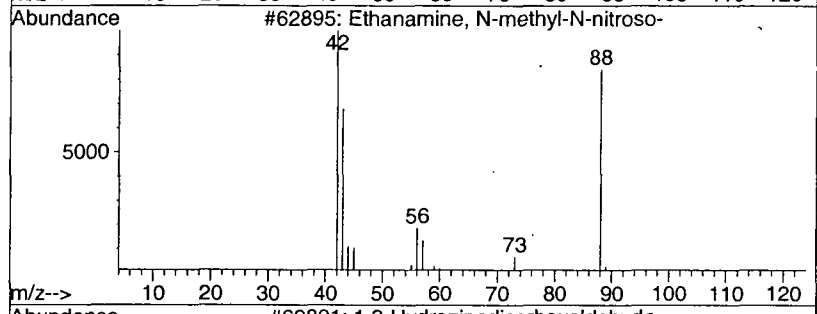
Peak Number 1 Ethanamine, N-methyl-N-nitroso Concentration Rank 3

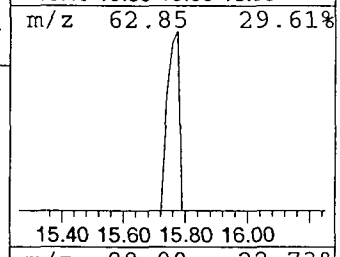
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.03 ug/L	21128	1,4-DIFLUOROBENZENE	15.11

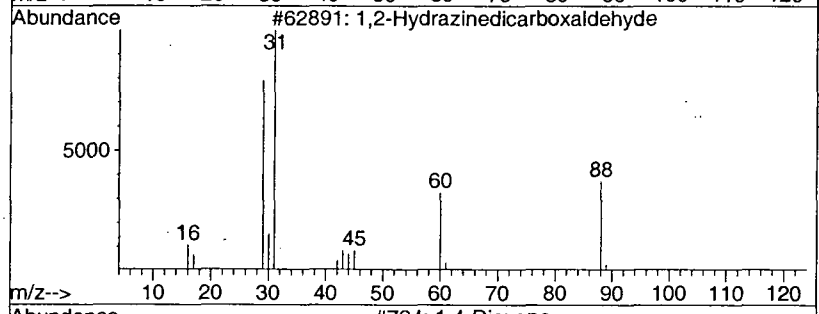
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
2	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
3	1,4-Dioxane	88	C4H8O2	000123-91-1	3
4	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3

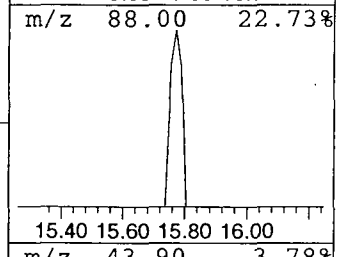


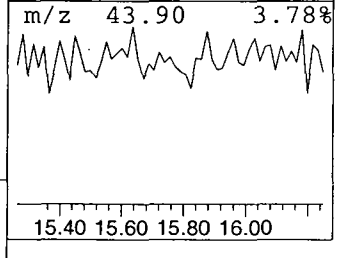


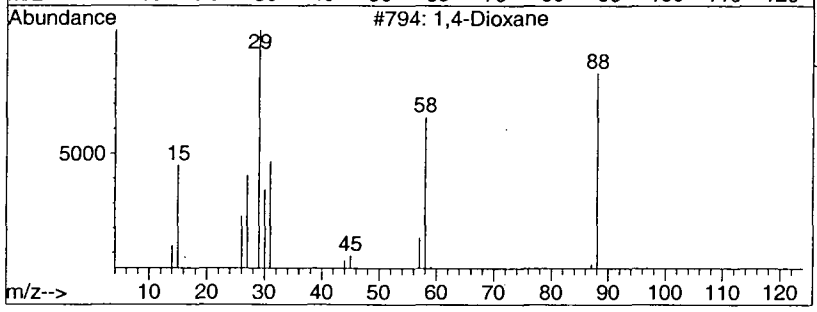












Data File : C:\HPCHEM\1\DATA\02june3\12737.D Vial: 6
Acq On : 3 Jun 2002 8:01 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

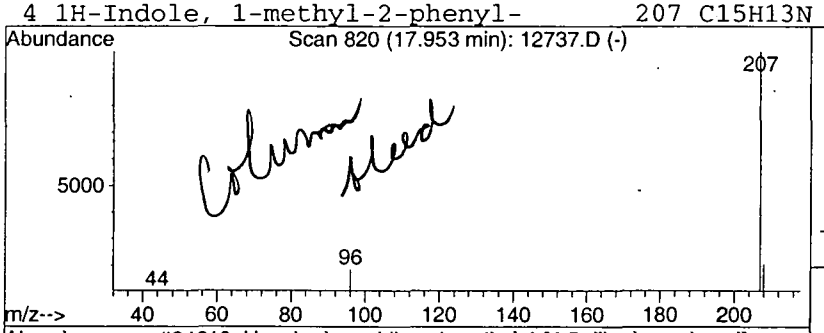
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

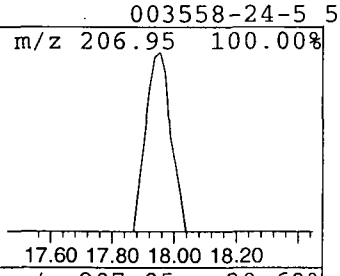
****

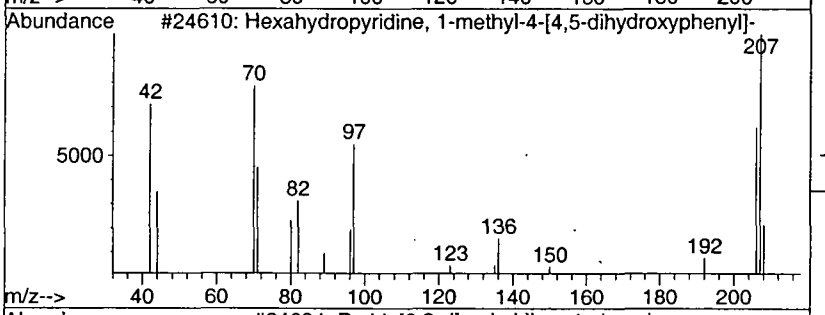
Peak Number 2 Hexahydropyridine, 1-methyl-4- Concentration Rank 1

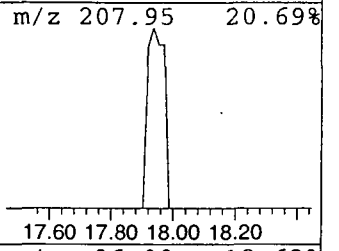
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	0.03 ug/L	27233	1,4-DIFLUOROBENZENE	15.11

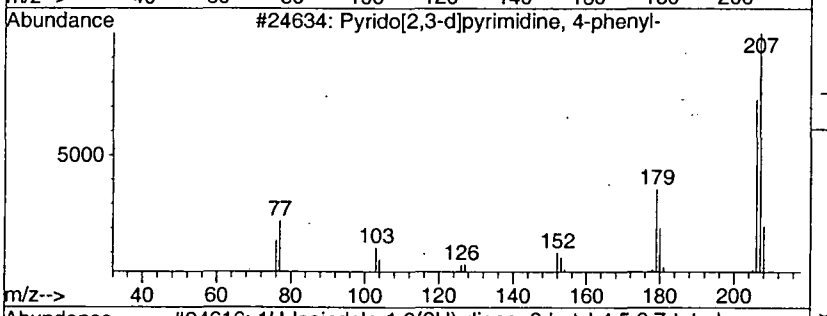
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	1H-Isoindole-1,3(2H)-dione, 2-butyl	207	C12H17NO2	054934-85-9	5
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	5

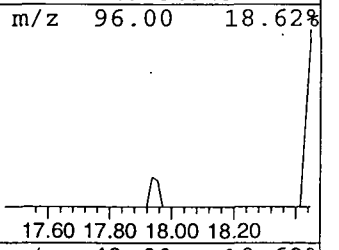


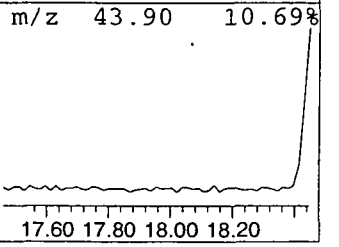


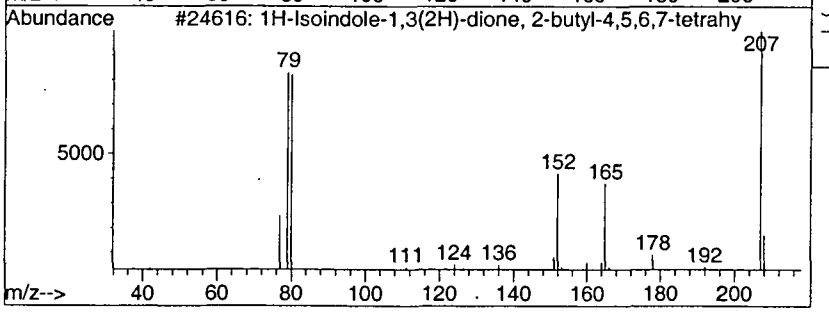












Data File : C:\HPCHEM\1\DATA\02june3\12737.D Vial: 6
Acq On : 3 Jun 2002 8:01 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

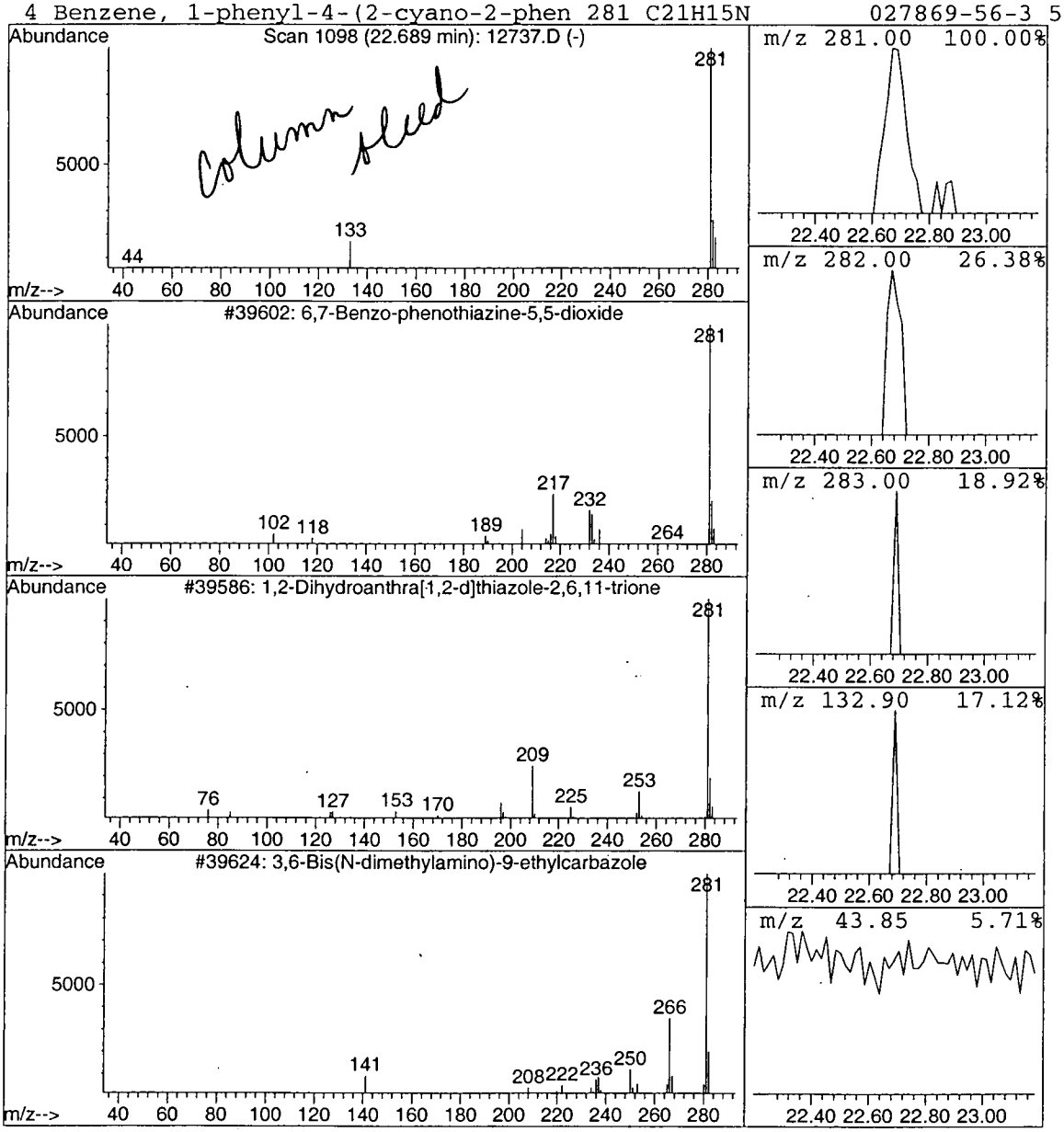
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 6,7-Benzo-phenothiazine-5,5-di Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	0.03 ug/L	27887	CHLOROBENZENE-D5	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
2	1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	5
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 15:04:44

Sample: AE12737
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 6/3/2002 00:08 Ended: 6/3/2002 00:08 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.9	.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	.5
3	Dichlorodifluoromethane		< MRL	.5
4	Chloromethane		< MRL	.5
5	Vinyl chloride		< MRL	.5
6	Bromomethane		< MRL	.5
7	Chloroethane		< MRL	.5
8	Trichlorofluoromethane		< MRL	.5
9	1,1-Dichloroethene		< MRL	.5
10	Methylene Chloride		< MRL	.5
11	Methyl tert-butyl ether (MTBE)		< MRL	1.0
12	trans-1,2-dichloroethene		< MRL	.5
13	1,1-dichloroethane		< MRL	.5
14	2-butanone (MEK)		< MRL	2.0
15	2,2-dichloropropane		< MRL	.5
16	cis-1,2-dichloroethene		< MRL	.5
17	*THM-Chloroform		< MRL	.5
18	Bromochloromethane		< MRL	.5
19	1,2-dichloroethane		< MRL	.5
20	Surr - TOLUENE-D8		5.3	.5
21	1,1,1- trichloroethane		< MRL	.5
22	1,1-dichloropropene		< MRL	.5
23	Carbon tetrachloride		< MRL	.5
24	Benzene		< MRL	.5
25	Trichloroethene		< MRL	.5
26	1,2-dichloropropane		< MRL	.5
27	Dibromomethane		< MRL	.5
28	*THM-Bromodichloromethane		< MRL	.5
29	Methyl iso-butyl ketone (MIBK)		< MRL	1.0
30	cis-1,3-dichloropropene		< MRL	.5
31	Toluene		< MRL	.5
32	trans-1,3-dichloropropene		< MRL	.5
33	1,1,2-trichloroethane		< MRL	.5
34	Tetrachloroethene		< MRL	.5
35	1,3-dichloropropane		< MRL	.5
36	*THM-Dibromochloromethane		< MRL	2.0
37	Chlorobenzene		< MRL	.5
38	1,1,1,2-tetrachloroethane		< MRL	.5
39	Ethylbenzene		< MRL	.5
40	P & M-xylene		< MRL	.5
41	O-xylene		< MRL	.5
42	Styrene		< MRL	.5
43	1,1,2,2-tetrachloroethane		< MRL	.5
44	*THM-Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	.5
46	1,2,3-trichloropropane		< MRL	.5
47	N-propylbenzene		< MRL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 15:04:44

Sample: AE12737
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 6/3/2002 00:08 Ended: 6/3/2002 00:08 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MRL	.5
49	1,3,5-trimethylbenzene		< MRL	.5
50	2-chlorotoluene		< MRL	.5
51	4-chlorotoluene		< MRL	.5
52	TERT-butylbenzene		< MRL	.5
53	1,2,4-trimethylbenzene		< MRL	.5
54	SEC-butylbenzene		< MRL	.5
55	P-isopropyltoluene		< MRL	.5
56	1,3-dichlorobenzene		< MRL	.5
57	1,4-dichlorobenzene		0.21	.5
58	N-butylbenzene		< MRL	.5
59	1,2-dichlorobenzene		< MRL	.5
60	1,2,4-trichlorobenzene		< MRL	.5
61	Hexachlorobutadiene		< MRL	.5
62	Naphthalene		< MRL	.5
63	1,2,3-trichlorobenzene		< MRL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 15:05:42

Sample: AE12737
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 6/3/2002 00:08 Ended: 6/3/2002 00:08 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.10
2	Surr - 4-BROMOFLUOROBENZE		0.10
3	DICHLORODIFLUOROMETHAN		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	1,1-DICHLOROETHENE		< MRL
10	METHYLENE CHLORIDE		< MRL
11	METHYL TERT-BUTYL ETHER		< MRL
12	TRANS-1,2-DICHLOROETHENE		< MRL
13	1,1-DICHLOROETHANE		< MRL
14	2-BUTANONE (MEK)		< MRL
15	2,2-DICHLOROPROPANE		< MRL
16	CIS-1,2-DICHLOROETHENE		< MRL
17	*THM-CHLOROFORM		< MRL
18	BROMOCHLOROMETHANE		< MRL
19	1,2-DICHLOROETHANE		< MRL
20	Surr - TOLUENE-D8		0.0
21	1,1,1- TRICHLOROETHANE		< MRL
22	1,1-DICHLOROPROPENE		< MRL
23	CARBON TETRACHLORIDE		< MRL
24	BENZENE		< MRL
25	TRICHLOROETHENE		< MRL
26	1,2-DICHLOROPROPANE		< MRL
27	DIBROMOMETHANE		< MRL
28	*THM-BROMODICHLOROMETH		< MRL
29	METHYL ISO-BUTYL KETONE (		< MRL
30	CIS-1,3-DICHLOROPROPENE		< MRL
31	TOLUENE		< MRL
32	TRANS-1,3-DICHLOROPROPEN		< MRL
33	1,1,2-TRICHLOROETHANE		< MRL
34	TETRACHLOROETHENE		< MRL
35	1,3-DICHLOROPROPANE		< MRL
36	*THM-DIBROMOCHLOROMETH		< MRL
37	1,2-DIBROMOETHANE		< MRL
38	CHLOROBENZENE		< MRL
39	1,1,1,2-TETRACHLOROETHANE		< MRL
40	2-HEXANONE		< MRL
41	ETHYLBENZENE		< MRL
42	P & M-XYLENE		< MRL
43	O-XYLENE		< MRL
44	STYRENE		< MRL
45	1,1,2,2-TETRACHLOROETHANE		< MRL
46	*THM-BROMOFORM		< MRL
47	ISOPROPYLBENZENE		< MRL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 15:05:42

Sample: AE12737
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 6/3/2002 00:08 Ended: 6/3/2002 00:08 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
48	1,2,3-TRICHLOROPROPANE		< MRL
49	N-PROPYLBENZENE		< MRL
50	BROMOBENZENE		< MRL
51	1,3,5-TRIMETHYLBENZENE		< MRL
52	2-CHLOROTOLUENE		< MRL
53	4-CHLOROTOLUENE		< MRL
54	TERT-BUTYLBENZENE		< MRL
55	1,2,4-TRIMETHYLBENZENE		< MRL
56	SEC-BUTYLBENZENE		< MRL
57	P-ISOPROPYLTOLUENE		< MRL
58	1,3-DICHLOROBENZENE		< MRL
59	1,4-DICHLOROBENZENE		0.03
60	N-BUTYLBENZENE		< MRL
61	1,2-DICHLOROBENZENE		< MRL
62	1,2-DIBROMO-3-CHLOROPROP		< MRL
63	1,2,4-TRICHLOROBENZENE		< MRL
64	HEXACHLOROBUTADIENE		< MRL
65	NAPHTHALENE		< MRL
66	1,2,3-TRICHLOROBENZENE		< MRL

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02june3\12737D.D Vial: 7
Acq On : 3 Jun 2002 8:44 pm Operator: 201-wb
Sample : 524; dup. Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 21:22 2002 Quant Results File: HP052902.RES

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration
DataAcq Meth : HP052902

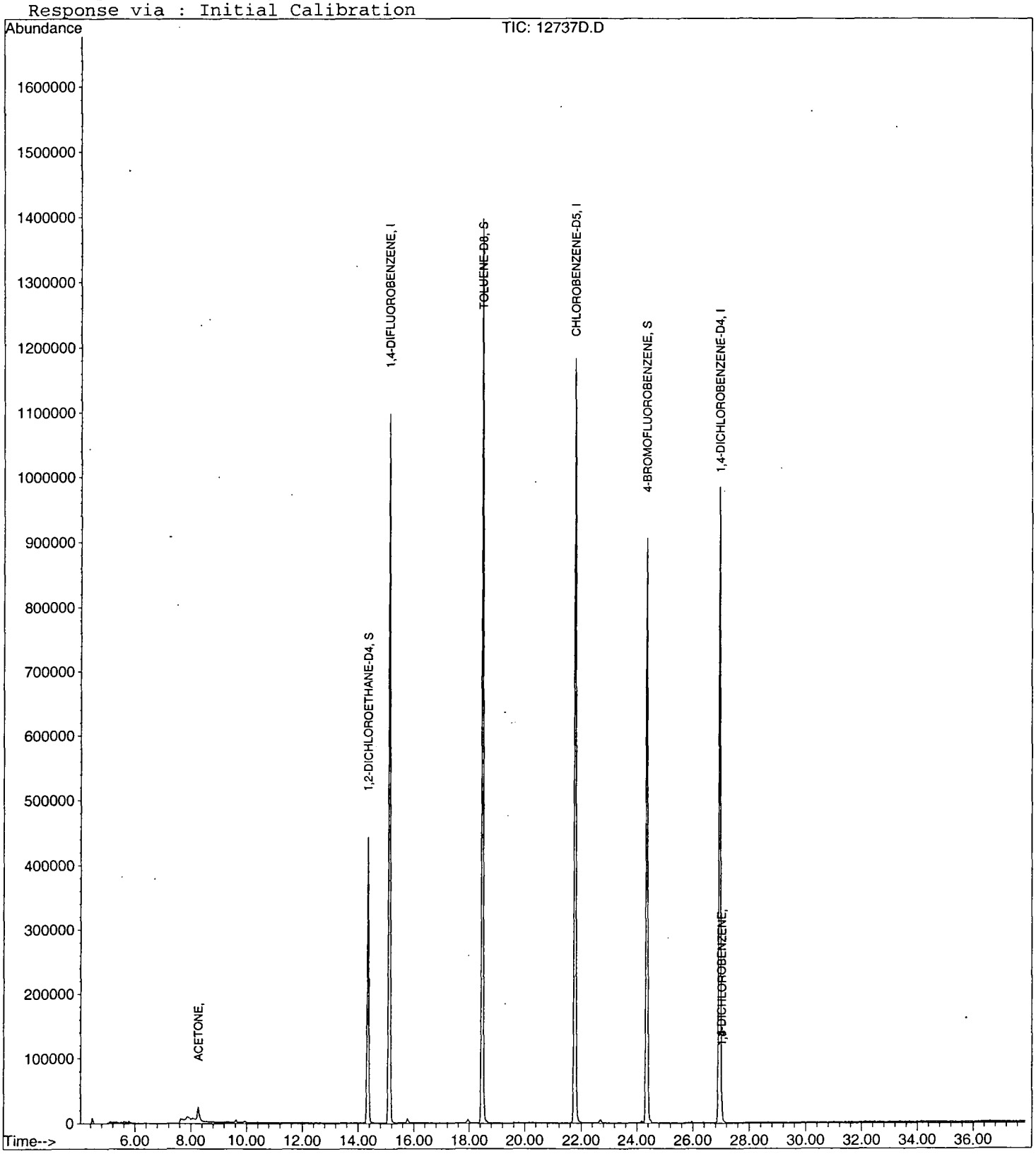
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1492669	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.77	117	1371674	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	612339	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	656213	4.86	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.20%			
3) 4-BROMOFLUOROBENZENE	24.34	174	506342	4.26	ug/L	0.00
Spiked Amount 5.000			Recovery = 85.20%			
25) TOLUENE-D8	18.46	98	1823597	5.27	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.40%			
Target Compounds						Qvalue
12) ACETONE	8.26	43	58122	3.73	ug/L	99
~~65) 1,3-DICHLOROBENZENE~~	27.02	146	18560	0.22	ug/L	96
66) 1,4-DICHLOROBENZENE	27.02	146	18560	0.21	ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02june3\12737D.D Vial: 7
Acq On : 3 Jun 2002 8:44 pm Operator: 201-wb
Sample : 524; dup. Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: Jun 3 21:22 2002 Quant Results File: HP052902.RES

Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri May 31 14:34:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\12737D.D Vial: 7
Acq On : 3 Jun 2002 8:44 pm Operator: 201-wb
Sample : 524; dup. Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

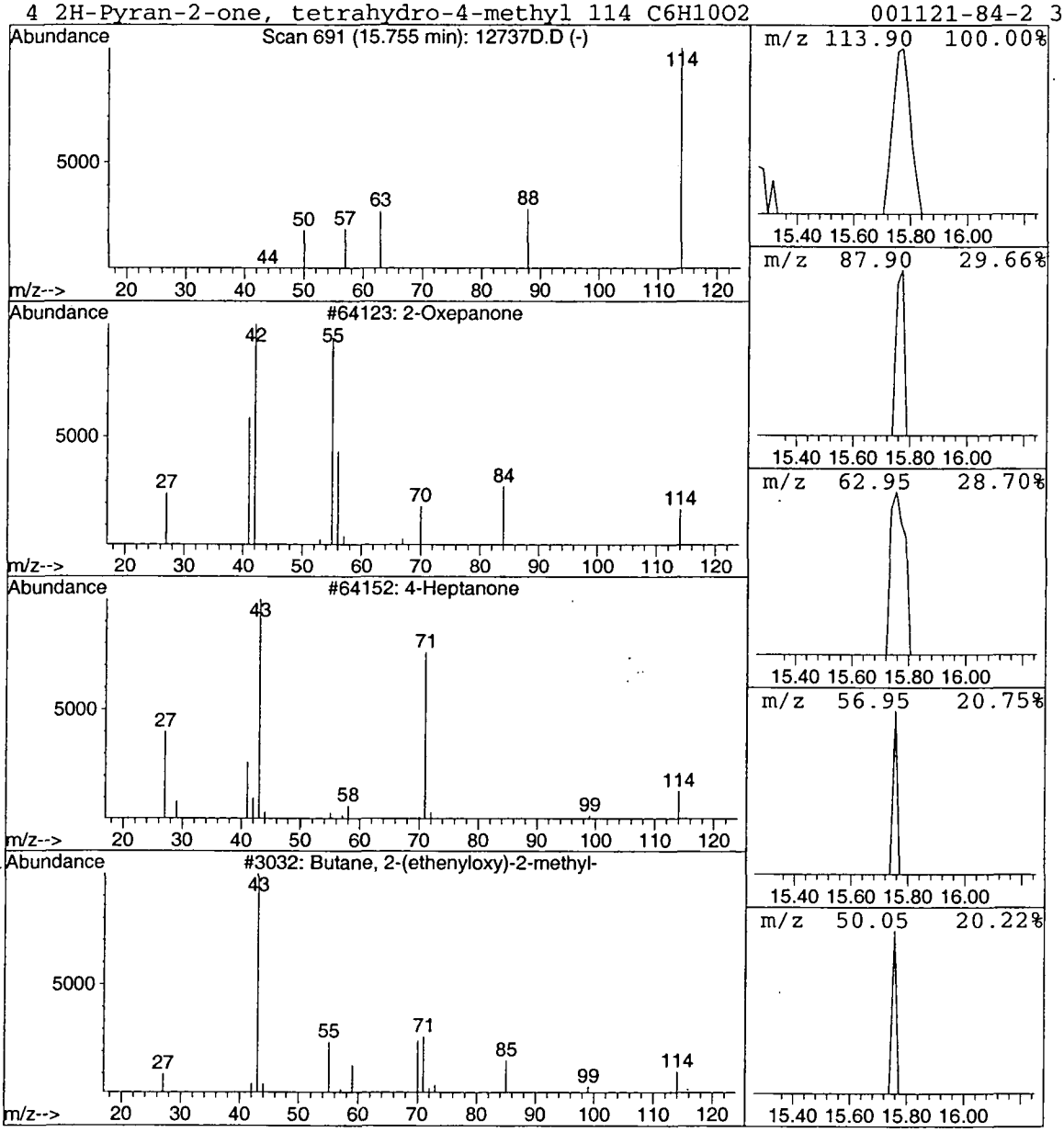
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.03 ug/L	25376	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JUNE3\12737D.D Vial: 7
Acq On : 3 Jun 2002 8:44 pm Operator: 201-wb
Sample : 524; dup. Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

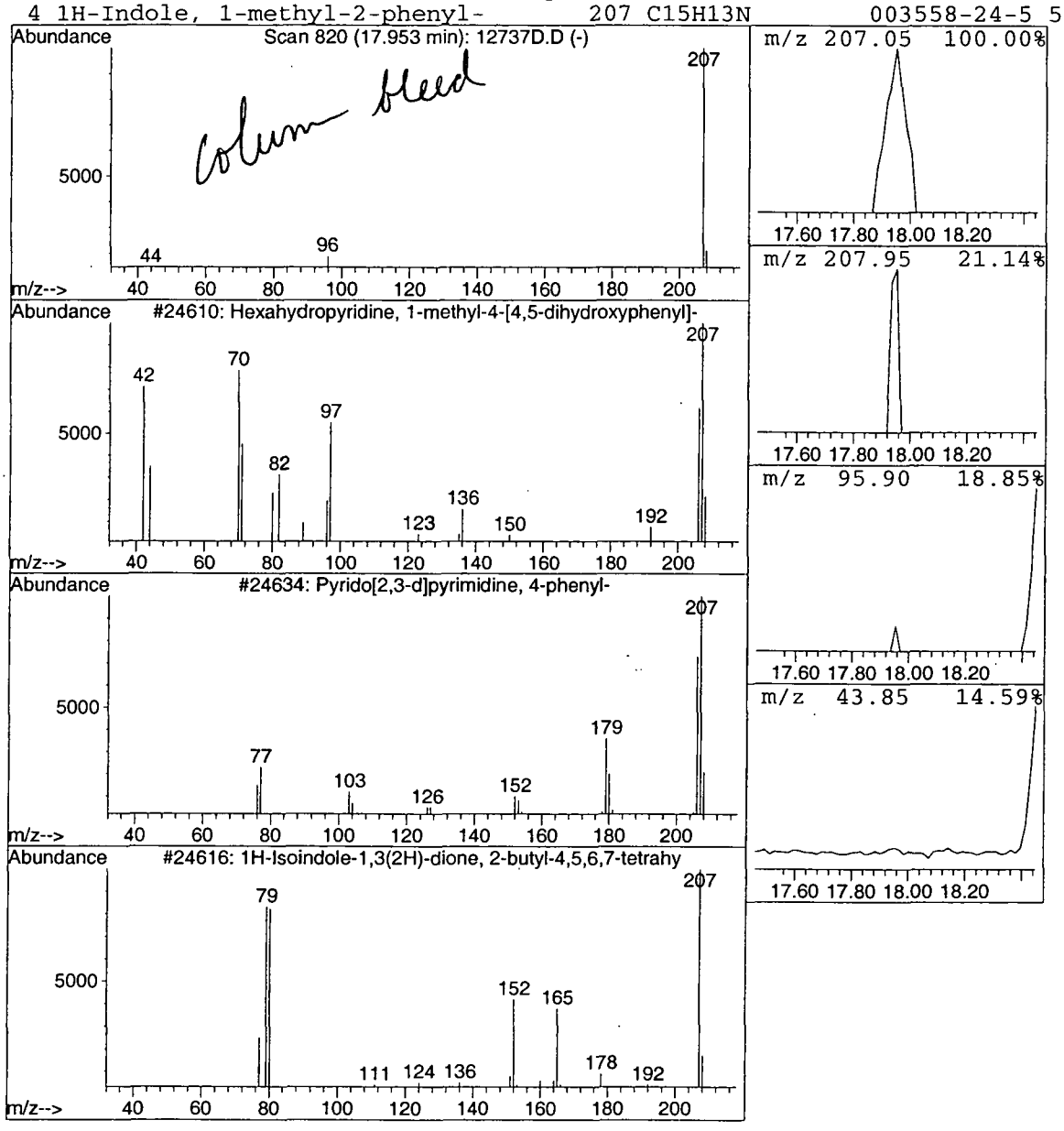
Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexahydropyridine, 1-methyl-4- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	0.03 ug/L	22395	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2	Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
3	1H-Isoindole-1,3(2H)-dione, 2-butyl	207	C12H17NO2	054934-85-9	5
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	5



Data File : C:\HPCHEM\1\DATA\02JUNE3\12737D.D Vial: 7
Acq On : 3 Jun 2002 8:44 pm Operator: 201-wb
Sample : 524; dup. Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP052902.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3,6-Bis(N-dimethylamino)-9-eth Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	0.03 ug/L	24120	CHLOROBENZENE-D5	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	5
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5
3	1H-Indole-3-carboxaldehyde, 2-(1,1-	281	C19H23NO	025584-28-5	5
4	14.alpha.-Morphinan, 7,8-didehydro-	281	C19H23NO	017939-34-3	5