

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 16:52:32

Sample: AE12531
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 5/24/2002 00:09 Ended: 5/24/2002 00:09 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol.	Result
1	Surr - 1,2-DICHLOROETHANE-D		4.8 ✓
2	Surr - 4-BROMOFLUOROBENZENE		4.8 ✓
3	DICHLORODIFLUOROMETHANE		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	ACETONE		0.85 <i>AK</i>
10	1,1-DICHLOROETHENE		< MRL <i>AK</i>
11	METHYLENE CHLORIDE		0.083
12	METHYL TERT BUTYL ETHER		< MRL
13	TRANS-1,2-DICHLOROETHENE		< 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		5.0 ✓
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 ETHER		< MRL
31	MIBK		< MRL
32	CIS-1,3-DICHLOROPROPENE		< MRL
33	TOLUENE		< MRL
34	TRANS-1,3-DICHLOROPROPENE		< 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-TETRACHLOROETHANE		< 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-TETRACHLOROETHANE		< MRL

Reviewed by,
CB 8/2/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 16:52:32

Sample: AE12531
Analysis: \$B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/24/2002 00:09 Ended: 5/24/2002 00:09 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result
48	BROMOFORM		< MRL
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-CHLOROPROP		< 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\02may24\0524B1.D
Acq On : 24 May 2002 9:05 am
Sample : lab blank 1 (voc di)
Misc :
MS Integration Params: GAS6.P
Quant Time: May 24 9:43 2002

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 10:09:12 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1701338	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.76	117	1502962	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.95	152	688373	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	794680	4.78	ug/L	0.07
Spiked Amount 5.000			Recovery	=	95.60%	
3) 4-BROMOFLUOROBENZENE	24.35	174	580351	4.84	ug/L	0.05
Spiked Amount 5.000			Recovery	=	96.80%	
25) TOLUENE-D8	18.46	98	2033361	4.95	ug/L	0.05
Spiked Amount 5.000			Recovery	=	99.00%	
Target Compounds						
12) ACETONE	8.24	43	12754	0.85	ug/L	83
14) METHYLENE CHLORIDE	9.60	49	9258	0.08	ug/L	87

(#) = qualifier out of range (m) = manual integration
0524B1.D HP051702.M Fri May 24 09:44:03 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\0524B1.D

Acq On : 24 May 2002 9:05 am

Sample : lab blank 1 (voc di)

Misc :

MS Integration Params: GAS6.P

Quant Time: May 24 9:43 2002

Vial: 1

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

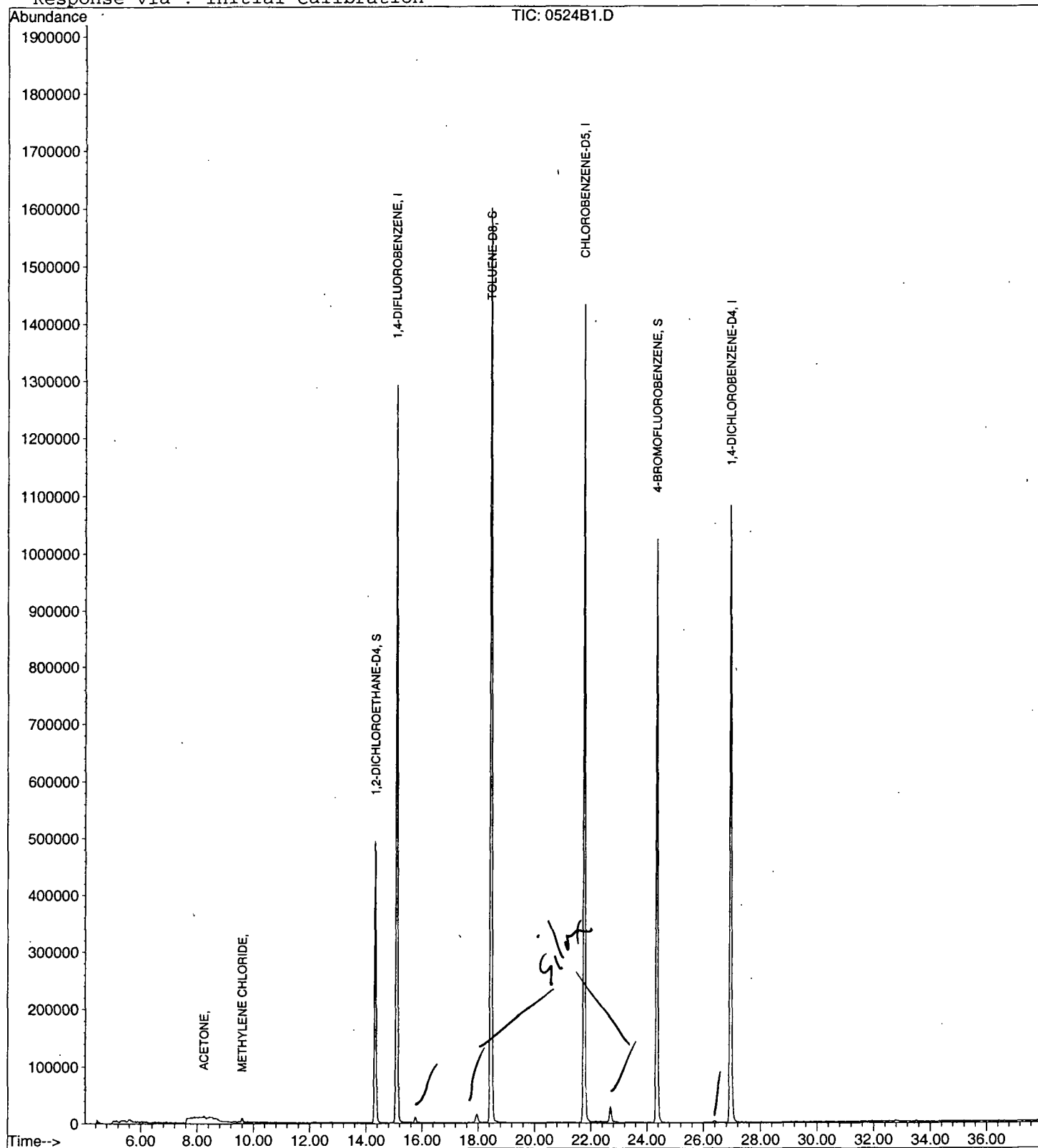
Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 09:09:18 2002

Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY24\0524B1.D
Acq On : 24 May 2002 9:05 am
Sample : lab blank 1 (voc di)
Misc :
MS Integration Params: LSCINT.P

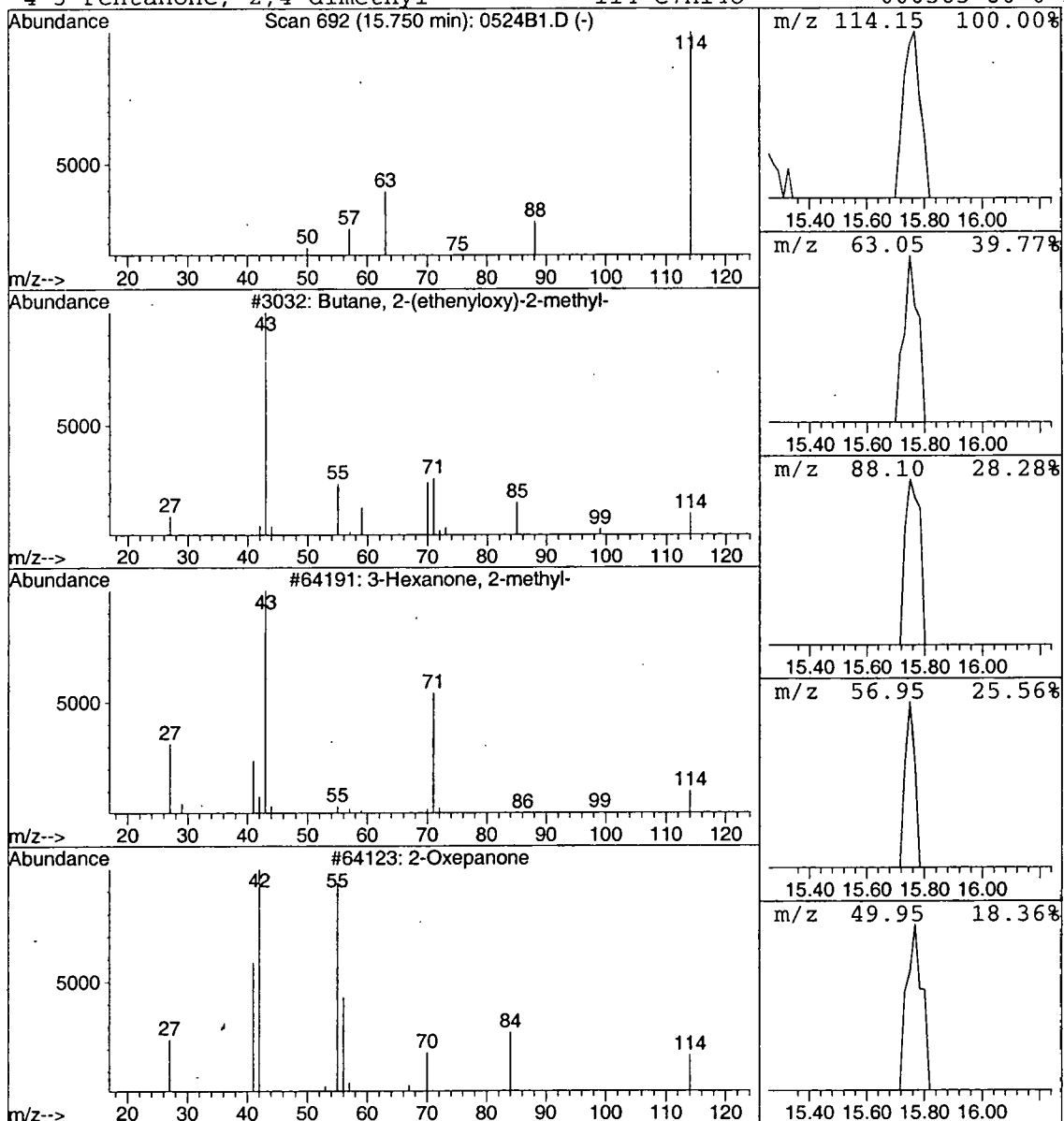
Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.04 ug/L	42116	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	5
2			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3			2-Oxepanone	114	C6H10O2	000502-44-3	3
4			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY24\0524B1.D
Acq On : 24 May 2002 9:05 am
Sample : lab blank 1 (voc di)
Misc :
MS Integration Params: LSCINT.P

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

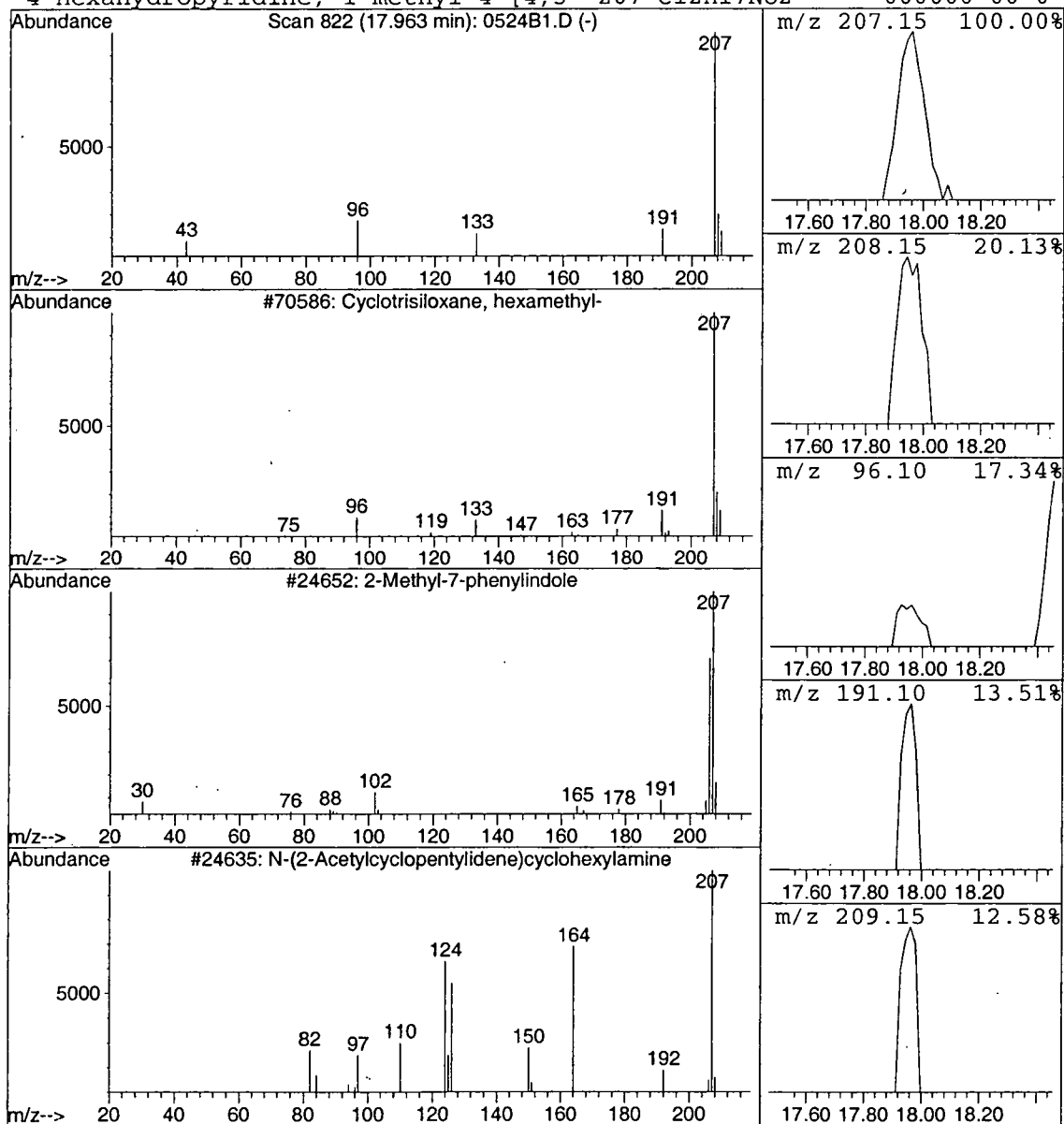
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	0.08 ug/L	82455	1,4-DIFLUOROBENZENE	15.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	74
2			2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
3			N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
4			Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02MAY24\0524B1.D

Acq On : 24 May 2002 9:05 am

Sample : lab blank 1 (voc di)

Misc :

MS Integration Params: LSCINT.P

Vial: 1

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

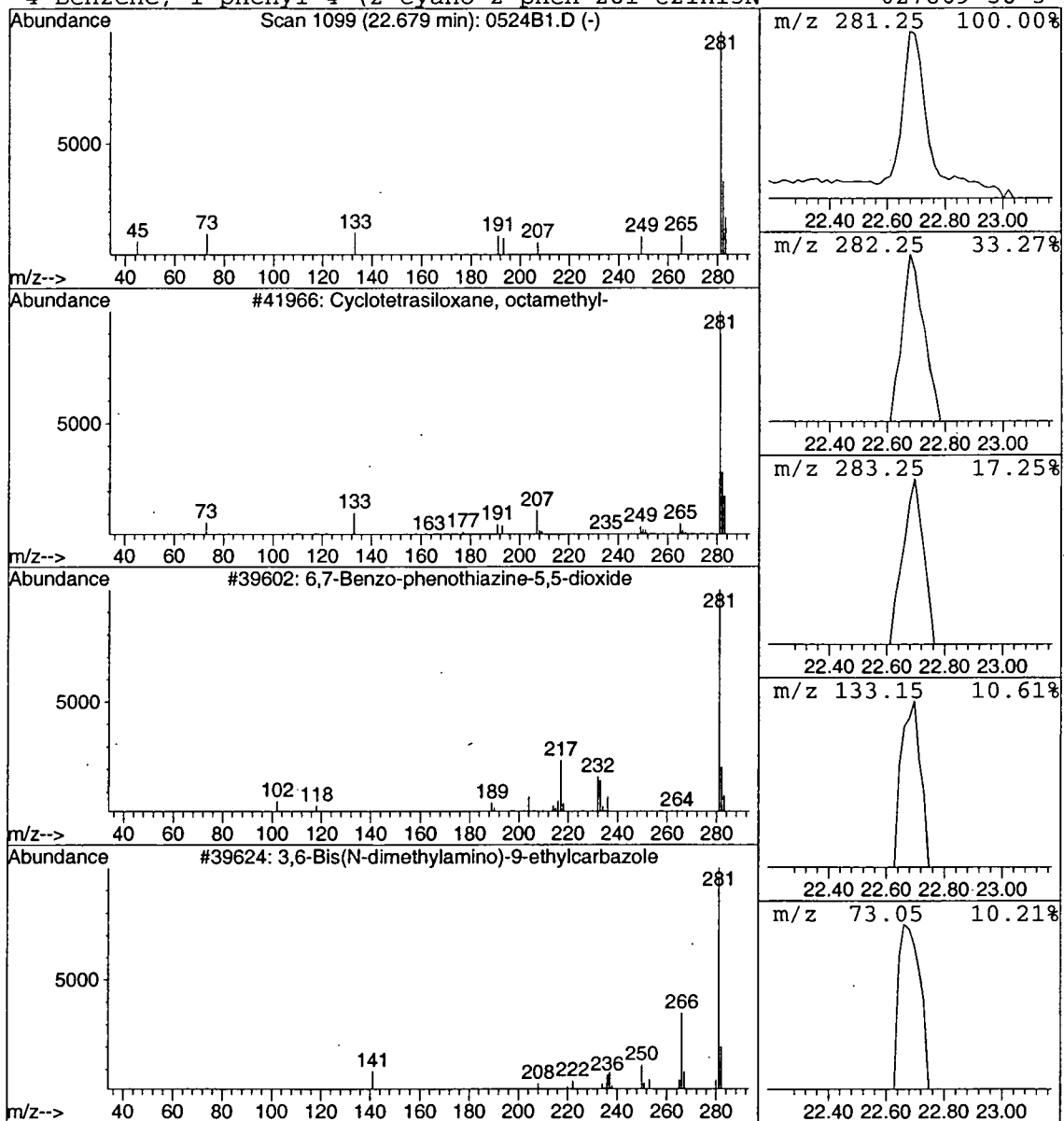
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Cyclotetrasiloxane, octamethyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	0.12 ug/L	133685	CHLOROBENZENE-D5	21.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2			6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3			3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
4			Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 11:34:25

Sample: AE12531
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 5/24/02 00:00 Ended: 5/24/02 00:00 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.8 ✓		.5
2	Surr_4-BROMOFLUOROBENZE		5.1 ✓		.5
3	Dichlorodifluoromethane		8.9		.5
4	Chloromethane		10		.5
5	Vinyl chloride		9.4		.5
6	Bromomethane		9.5		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		9.2		.5
9	1,1-Dichloroethene		10		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		9.8		1.0
12	trans-1,2-dichloroethene		12		.5
13	1,1-dichloroethane		12		.5
14	2-butanone (MEK)		47		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		12		.5
17	Chloroform		11		.5
18	Bromochloromethane		13		.5
19	1,2-dichloroethane		12 ✓		.5
20	Surr_TOLUENE-D8		5.0 ✓		.5
21	1,1,1- trichloroethane		9.8		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		10		.5
24	Benzene		12		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		12		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		50		1.0
30	cis-1,3-dichloropropene		12		.5
31	Toluene		12		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		12		.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		12		.5
44	Bromoform		13		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		12		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:34:25

Sample: AE12531
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/24/02 00:00 Ended: 5/24/02 00:00 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		12		.5
51	4-chlorotoluene		12		.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		9.6		.5
58	N-butylbenzene		12		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		8.2		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene		230		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10.D

Vial: 2

Acq On : 24 May 2002 10:20 am

Operator: 201-wb

Sample : cal.10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: GAS6.P

Quant Time: Jun 3 10:57 2002

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri May 31 11:43:42 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1802941	5.00	ug/L	0.07
24) CHLOROBENZENE-D5	21.78	117	1636782	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	793217	5.00	ug/L	0.07

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.34	65	852948	4.84	ug/L	0.07
Spiked Amount	5.000		Recovery	=	96.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	647517	5.09	ug/L	0.07
Spiked Amount	5.000		Recovery	=	101.80%	
25) TOLUENE-D8	18.46	98	2216000	4.96	ug/L	0.05
Spiked Amount	5.000		Recovery	=	99.20%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	606636	8.89	ug/L	99
5) CHLOROMETHANE	5.37	50	1110021	10.28	ug/L	99
6) VINYL CHLORIDE	5.58	62	515952	9.39	ug/L	99
7) BROMOMETHANE	6.57	94	270348	9.54	ug/L	97
8) CHLOROETHANE	6.71	64	571695	10.61	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.28	101	925320	9.17	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	485009	8.42	ug/L	98
12) ACETONE	8.24	43	463041	29.00	ug/L	99
13) 1,1-DICHLOROETHENE	8.60	61	1310242	10.11	ug/L	100
14) METHYLENE CHLORIDE	9.60	49	1330472	11.26	ug/L	96
15) METHYL TERT BUTYL ETHER	9.91	73	895410	9.78	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.27	61	1550190	11.80	ug/L	92
17) 1,1-DICHLOROETHANE	11.17	63	1689593	11.87	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	567031	47.29	ug/L	92
19) 2,2-DICHLOROPROPANE	12.38	77	1244133	10.78	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.48	96	908198	11.76	ug/L	98
21) CHLOROFORM	12.82	83	1728781	11.35	ug/L	100
22) BROMOCHLOROMETHANE	13.19	49	749306	12.51	ug/L	95
23) 1,2-DICHLOROETHANE	14.54	62	1346010	11.83	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.71	97	1307596	9.83	ug/L	99
27) 1,1-DICHLOROPROPENE	14.03	75	1398116	11.28	ug/L	99
28) CARBON TETRACHLORIDE	14.30	117	1099273	10.04	ug/L	99
29) BENZENE	14.64	78	3169534	11.84	ug/L	99
30) TRICHLOROETHENE	15.90	95	987648	11.07	ug/L	95
31) 1,2-DICHLOROPROPANE	16.26	63	859960	11.91	ug/L	95
32) DIBROMOMETHANE	16.94	174	385240	11.01	ug/L	99
33) BROMODICHLOROMETHANE	16.79	83	1180897	11.24	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	226162	16.24	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.35	58	456690	50.48	ug/L	96
36) CIS-1,3-DICHLOROPROPENE	17.88	75	1211385	11.91	ug/L	98
37) TOLUENE	18.64	91	3215723	11.77	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	869448	10.28	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.31	97	466846	11.10	ug/L	96
40) TETRACHLOROETHENE	20.09	166	860689	10.69	ug/L	98
41) 1,3-DICHLOROPROPANE	19.83	76	966708	11.83	ug/L	97
42) DIBROMOCHLOROMETHANE	20.53	129	558807	10.98	ug/L	95
43) 1,2-DIBROMOETHANE	20.98	107	468143	10.69	ug/L	97
44) CHLOROBENZENE	21.86	112	1889985	11.42	ug/L	97
45) 1,1,1,2-TETRACHLOROETHANE	21.89	131	687849	10.77	ug/L	96
46) 2-HEXANONE	19.19	43	834769	48.21	ug/L	97
47) ETHYLBENZENE	21.89	91	3666066	11.39	ug/L	99

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

0524C10.D HP051702.M Mon Jun 03 10:57:55 2002

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10.D

Acq On : 24 May 2002 10:20 am

Sample : cal 10

Misc :

MS Integration Params: GAS6.P

Quant Time: Jun 3 10:57 2002

Vial: 2

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri May 31 11:43:42 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48) P & M-XYLENE	22.05	106	2286518	22.14	ug/L	98
49) O-XYLENE	23.04	91	2762990	11.02	ug/L	96
50) STYRENE	23.09	104	1795192	11.24	ug/L	96
51) 1,1,2,2-TETRACHLOROETHANE	24.11	83	480690	11.64	ug/L	97
53) BROMOFORM	23.95	173	261194	12.81	ug/L	99
54) ISOPROPYLBENZENE	23.75	105	3029543	11.53	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.43	110	144869	11.44	ug/L	92
56) N-PROPYLBENZENE	24.62	91	3895130	11.27	ug/L	99
57) BROMOBENZENE	24.87	156	743838	11.59	ug/L	94
58) 1,3,5-TRIMETHYLBENZENE	24.94	105	2665822	11.28	ug/L	98
59) 2-CHLOROTOLUENE	25.11	91	2778782	11.54	ug/L	99
60) 4-CHLOROTOLUENE	25.18	91	2317603	9.62	ug/L	96
61) TERT-BUTYLBENZENE	25.73	119	2333960	11.13	ug/L	99
62) 1,2,4-TRIMETHYLBENZENE	25.83	105	2751343	11.29	ug/L	99
63) SEC-BUTYLBENZENE	26.19	105	3178566	11.02	ug/L	99
64) P-ISOPROPYLTOLUENE	26.46	119	2493505	10.99	ug/L	97
65) 1,3-DICHLOROBENZENE	26.81	146	1337656	11.14	ug/L	97
66) 1,4-DICHLOROBENZENE	27.02	146	1335046	10.97	ug/L	99
67) N-BUTYLBENZENE	27.34	91	2708493	11.51	ug/L	99
68) 1,2-DICHLOROBENZENE	27.89	146	1103401	11.10	ug/L	97
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	59069	12.14	ug/L	99
70) 1,2,4-TRICHLOROBENZENE	31.97	180	702433	10.68	ug/L	98
71) HEXACHLOROBUTADIENE	32.28	225	540295	10.66	ug/L	99
72) NAPHTHALENE	32.81	128	430575	8.20	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.52	180	530610	10.51	ug/L	97
74) NITROBENZENE	29.88	77	247743	229.34	ug/L	96

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

0524C10.D HP051702.M

Mon Jun 03 10:57:57 2002

Page 2

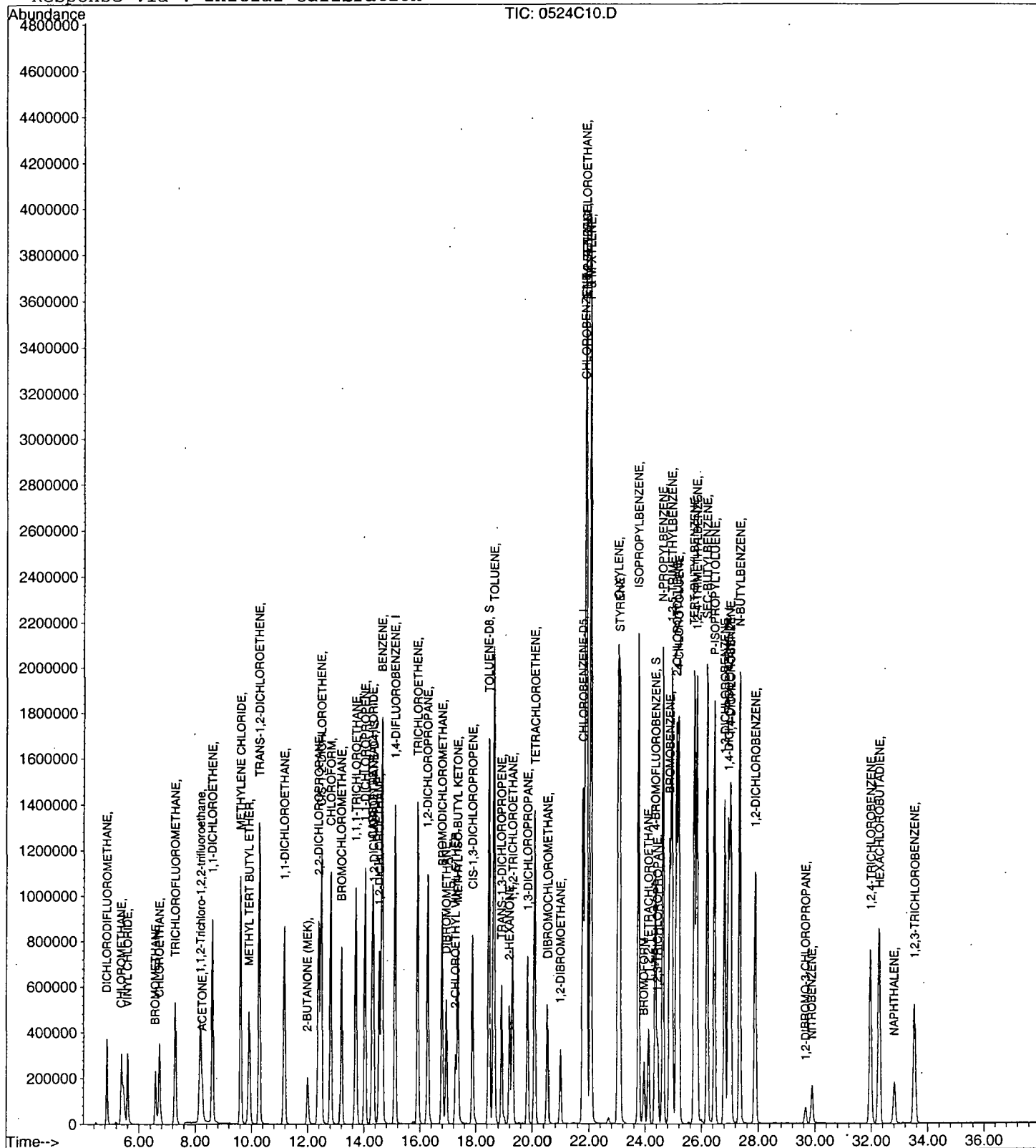
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10.D
Acq On : 24 May 2002 10:20 am
Sample : cal 10
Misc :
MS Integration Params: GAS6.P
Quant Time: Jun 3 10:57 2002

Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

```
Method       : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Fri May 31 11:43:42 2002
Response via  : Initial Calibration
```



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 11:37:17

Sample: AE12531
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 5/24/02 00:01 Ended: 5/24/02 00:01 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.8		
2	4-BROMOFLUOROBENZENE		5.3		
3	DICHLORODIFLUOROMETHAN		5.0		.5
4	CHLOROMETHANE		5.6		.5
5	VINYL CHLORIDE		5.6		.5
6	BROMOMETHANE		5.5		.5
7	CHLOROETHANE		5.6		.5
8	TRICHLOROFLUOROMETHAN		4.9		.5
9	ACETONE		21		.5
10	1,1-DICHLOROETHENE		5.6		.5
11	METHYLENE CHLORIDE		6.3		.5
12	METHYL TERT BUTYL ETHER		5.4		1
13	TRANS-1,2-DICHLOROETHEN		6.2		.5
14	1,1-DICHLOROETHANE		6.4		.5
15	2-BUTANONE (MEK)		28		.5
16	2,2-DICHLOROPROPANE		5.8		.5
17	CIS-1,2-DICHLOROETHENE		6.2		.5
18	CHLOROFORM		6.1		.5
19	BROMOCHLOROMETHANE		6.7		.5
20	1,2-DICHLOROETHANE		6.1		.5
21	TOLUENE-D8		4.8		
22	1,1,1-TRICHLOROETHANE		5.2		.5
23	1,1-DICHLOROPROPENE		5.7		.5
24	CARBON TETRACHLORIDE		5.2		.5
25	BENZENE		6.4		.5
26	TRICHLOROETHENE		5.6		.5
27	1,2-DICHLOROPROPANE		6.2		.5
28	DIBROMOMETHANE		5.6		.5
29	BROMODICHLOROMETHANE		5.8		.5
30	2-CHLOROETHYL VINYL ETHE		36		.5
31	METHYL ISO-BUTYL KETONE		29		1
32	CIS-1,3-DICHLOROPROPENE		5.8		.5
33	TOLUENE		6.3		.5
34	TRANS-1,3-DICHLOROPROPE		4.9		.5
35	1,1,2-TRICHLOROETHANE		5.9		.5
36	TETRACHLOROETHENE		5.8		.5
37	1,3-DICHLOROPROPANE		5.8		.5
38	DIBROMOCHLOROMETHANE		5.6		2
39	1,2-DIBROMOETHANE		5.4		.5
40	CHLOROBENZENE		6.4		.5
41	1,1,1,2-TETRACHLOROETHA		5.4		.5
42	2-HEXANONE		27		.5
43	ETHYLBENZENE		6.4		.5
44	P & M-XYLENE		13		.5
45	O-XYLENE		6.5		.5
46	STYRENE		6.4		.5
47	1,1,2,2-TETRACHLOROETHA		6.0		.5
48	BROMOFORM		5.7		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:37:17

Sample: AE12531
Analysis: \$RE524 Reference recovery for 524
Units: ug
Started: 5/24/02 00:01 Ended: 5/24/02 00:01 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		6.3		.5
50	1,2,3-TRICHLOROPROPANE		5.6		.5
51	N-PROPYLBENZENE		6.3		.5
52	BROMOBENZENE		6.0		.5
53	1,3,5-TRIMETHYLBENZENE		6.3		.5
54	2-CHLOROTOLUENE		6.2		.5
55	4-CHLOROTOLUENE		5.8		.5
56	TERT-BUTYLBENZENE		6.3		.5
57	1,2,4-TRIMETHYLBENZENE		6.2		.5
58	SEC-BUTYLBENZENE		6.3		.5
59	P-ISOPROPYLTOLUENE		6.4		.5
60	1,3-DICHLOROBENZENE		6.2		.5
61	1,4-DICHLOROBENZENE		6.2		.5
62	N-BUTYLBENZENE		6.6		.5
63	1,2-DICHLOROBENZENE		6.1		.5
64	1,2-DIBROMO-3-CHLOROPRO		5.5		.5
65	1,2,4-TRICHLOROBENZENE		5.9		.5
66	HEXACHLOROBUTADIENE		6.0		.5
67	NAPHTHALENE		6.2		.5
68	1,2,3-TRICHLOROBENZENE		5.9		.5
69	ETHANOL		< MRL		30
70	NITROBENZENE		120		5.0

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 11:39:04

Sample: AE12531
 Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 5/30/02 10:19 Ended: 5/30/02 10:19 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		.5
3	Dichlorodifluoromethane		100		.5
4	Chloromethane		112		.5
5	Vinyl chloride		112		.5
6	Bromomethane		110		.5
7	Chloroethane		112		.5
8	Trichlorofluoromethane		98		.5
9	1,1-Dichloroethene		112		.5
10	Methylene Chloride		126		.5
11	Methyl tert butyl ether		108		1.0
12	trans-1,2-dichloroethene		124		.5
13	1,1-dichloroethane		128		.5
14	2-butanone (MEK)		140		2.0
15	2,2-dichloropropane		116		.5
16	cis-1,2-dichloroethene		124		.5
17	Chloroform		122		.5
18	Bromochloromethane	USPEC	134		.5
19	1,2-dichloroethane		122		.5
20	Surr - TOLUENE-D8		4.8		.5
21	1,1,1-trichloroethane		104		.5
22	1,1-dichloropropene		114		.5
23	Carbon tetrachloride		104		.5
24	Benzene		128		.5
25	Trichloroethene		112		.5
26	1,2-dichloropropane		124		.5
27	Dibromomethane		112		.5
28	Bromodichloromethane		116		.5
29	Methyl iso-butyl ketone		145		1.0
30	cis-1,3-dichloropropene		116		.5
31	Toluene		126		.5
32	trans-1,3-dichloropropene		98		.5
33	1,1,2-trichloroethane		118		.5
34	Tetrachloroethene		116		.5
35	1,3-dichloropropane		116		.5
36	Dibromochloromethane		112		2.0
37	Chlorobenzene		128		.5
38	1,1,1,2-tetrachloroethane		108		.5
39	Ethylbenzene		128		.5
40	P & M-xylene		130		.5
41	O-xylene		130		.5
42	Styrene		128		.5
43	1,1,2,2-tetrachloroethane		120		.5
44	Bromoform		114		2.0
45	Isopropylbenzene		126		.5
46	1,2,3-trichloropropane		112		.5
47	N-propylbenzene		126		.5
48	Bromobenzene		120		.5

high ok

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:39:04

Sample: AE12531
Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/30/02 10:19 Ended: 5/30/02 10:19 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		126		.5
50	2-chlorotoluene		124		.5
51	4-chlorotoluene		116		.5
52	TERT-butylbenzene		126		.5
53	1,2,4-trimethylbenzene		124		.5
54	SEC-butylbenzene		126		.5
55	P-isopropyltoluene		128		.5
56	1,3-dichlorobenzene		124		.5
57	1,4-dichlorobenzene		124		.5
58	N-butylbenzene	USPEC	132		.5
59	1,2-dichlorobenzene		122		.5
60	1,2,4-trichlorobenzene		118		.5
61	Hexachlorobutadiene		120		.5
62	Naphthalene		124		.5
63	1,2,3-trichlorobenzene		118		.5
64	Ethanol		< MRL		
65	Nitrobenzene		120		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\0524R5.D
 Acq On : 24 May 2002 11:23 am
 Sample : ref 5
 Misc :
 MS Integration Params: GAS6.P
 Quant Time: Jun 3 11:21 2002

Vial: 9
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Fri May 31 11:43:42 2002
 Response via : Initial Calibration
 DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1783011	5.00	ug/L	0.08
24) CHLOROBNZENE-D5	21.78	117	1642912	5.00	ug/L	0.07
52) 1,4-DICHLOROBNZENE-D4	26.97	152	840988	5.00	ug/L	0.08

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.35	65	828950	4.76	ug/L	0.08
Spiked Amount	5.000		Recovery	=	95.20%	
3) 4-BROMOFLUOROBENZENE	24.36	174	661326	5.26	ug/L	0.07
Spiked Amount	5.000		Recovery	=	105.20%	
25) TOLUENE-D8	18.47	98	2153153	4.80	ug/L	0.07
Spiked Amount	5.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	283559	4.99	ug/L	98
5) CHLOROMETHANE	5.37	50	593618	5.56	ug/L	99
6) VINYL CHLORIDE	5.61	62	310286	5.57	ug/L	99
7) BROMOMETHANE	6.58	94	146452	5.46	ug/L	99
8) CHLOROETHANE	6.71	64	296427	5.56	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.28	101	484037	4.85	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	13181	0.23	ug/L	97
12) ACETONE	8.26	43	335245	21.23	ug/L	100
13) 1,1-DICHLOROETHENE	8.62	61	722854	5.64	ug/L	99
14) METHYLENE CHLORIDE	9.60	49	732111	6.26	ug/L	93
15) METHYL TERT BUTYL ETHER	9.93	73	491536	5.43	ug/L	94
16) TRANS-1,2-DICHLOROETHENE	10.28	61	803935	6.19	ug/L	94
17) 1,1-DICHLOROETHANE	11.17	63	906150	6.44	ug/L	99
18) 2-BUTANONE (MEK)	12.00	43	337961	28.50	ug/L	93
19) 2,2-DICHLOROPROPANE	12.39	77	662333	5.80	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.48	96	475412	6.23	ug/L	91
21) CHLOROFORM	12.82	83	911918	6.06	ug/L	99
22) BROMOCHLOROMETHANE	13.19	49	397789	6.72	ug/L	90
23) 1,2-DICHLOROETHANE	14.54	62	684607	6.08	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.72	97	688443	5.15	ug/L	99
27) 1,1-DICHLOROPROPENE	14.05	75	714971	5.75	ug/L	99
28) CARBON TETRACHLORIDE	14.30	117	568883	5.17	ug/L	99
29) BENZENE	14.64	78	1711003	6.37	ug/L	99
30) TRICHLOROETHENE	15.92	95	505669	5.65	ug/L	96
31) 1,2-DICHLOROPROPANE	16.28	63	447429	6.17	ug/L	95
32) DIBROMOMETHANE	16.94	174	195178	5.56	ug/L	93
33) BROMODICHLOROMETHANE	16.79	83	614955	5.83	ug/L	97
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	499934	35.77	ug/L	98
35) METHYL ISO-BUTYL KETONE	17.35	58	259808	28.61	ug/L	93
36) CIS-1,3-DICHLOROPROPENE	17.89	75	590692	5.79	ug/L	99
37) TOLUENE	18.64	91	1715620	6.26	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	419502	4.87	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.31	97	247826	5.87	ug/L	97
40) TETRACHLOROETHENE	20.09	166	466332	5.77	ug/L	97
41) 1,3-DICHLOROPROPANE	19.83	76	476340	5.81	ug/L	98
42) DIBROMOCHLOROMETHANE	20.53	129	287854	5.64	ug/L	99
43) 1,2-DIBROMOETHANE	20.99	107	236062	5.37	ug/L	98
44) CHLOROBNZENE	21.86	112	1058320	6.37	ug/L	98
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	349126	5.44	ug/L	96
46) 2-HEXANONE	19.20	43	465505	26.78	ug/L	98
47) ETHYLBENZENE	21.89	91	2073372	6.42	ug/L	98

(#) = qualifier out of range (m) = manual integration
 0524R5.D HP051702.M Mon Jun 03 11:21:29 2002

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\0524R5.D

Vial: 9

Acq On : 24 May 2002 11:23 am

Operator: 201-wb

Sample : ref 5

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: GAS6.P

Quant Time: Jun 3 11:21 2002

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Fri May 31 11:43:42 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48) P & M-XYLENE	22.06	106	1342985	12.96	ug/L	100
49) O-XYLENE	23.04	91	1632256	6.48	ug/L	99
50) STYRENE	23.09	104	1021385	6.37	ug/L	96
51) 1,1,2,2-TETRACHLOROETHANE	24.12	83	248570	6.00	ug/L	97
53) BROMOFORM	23.95	173	123472	5.71	ug/L	98
54) ISOPROPYLBENZENE	23.77	105	1749836	6.28	ug/L	99
55) 1,2,3-TRICHLOROPROPANE	24.45	110	74914	5.58	ug/L	89
56) N-PROPYLBENZENE	24.64	91	2291288	6.25	ug/L	99
57) BROMOBENZENE	24.87	156	407720	5.99	ug/L	86
58) 1,3,5-TRIMETHYLBENZENE	24.94	105	1582259	6.32	ug/L	99
59) 2-CHLOROTOLUENE	25.11	91	1574546	6.17	ug/L	98
60) 4-CHLOROTOLUENE	25.18	91	1470007	5.76	ug/L	96
61) TERT-BUTYLBENZENE	25.74	119	1399767	6.29	ug/L	97
62) 1,2,4-TRIMETHYLBENZENE	25.83	105	1607068	6.22	ug/L	97
63) SEC-BUTYLBENZENE	26.20	105	1932053	6.32	ug/L	99
64) P-ISOPROPYLTOLUENE	26.46	119	1551080	6.45	ug/L	98
65) 1,3-DICHLOROBENZENE	26.81	146	789799	6.20	ug/L	96
66) 1,4-DICHLOROBENZENE	27.04	146	797457	6.18	ug/L	98
67) N-BUTYLBENZENE	27.34	91	1641261	6.58	ug/L	99
68) 1,2-DICHLOROBENZENE	27.89	146	646120	6.13	ug/L	99
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	28310	5.49	ug/L	97
70) 1,2,4-TRICHLOROBENZENE	31.97	180	411940	5.91	ug/L	99
71) HEXACHLOROBUTADIENE	32.28	225	319680	5.95	ug/L	96
72) NAPHTHALENE	32.82	128	330351	6.23	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.52	180	314670	5.88	ug/L	98
74) NITROBENZENE	29.90	77	132587	115.76	ug/L	95

(#) = qualifier out of range (m) = manual integration
 0524R5.D HP051702.M Mon Jun 03 11:21:31 2002

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 11:42:39

Sample: AE12532
 Analysis: \$S_524 Spike recovery for 524
 Units: ug
 Started: 5/24/02 00:03 Ended: 5/24/02 00:03 Analyst: BH
 Result source: manual entry
 Page: 1

Not Required

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		.5
3	Dichlorodifluoromethane		14		.5
4	Chloromethane		19		.5
5	Vinyl chloride		14		.5
6	Bromomethane		18		.5
7	Chloroethane		21		.5
8	Trichlorofluoromethane		18		.5
9	1,1-Dichloroethene		17		.5
10	Methylene Chloride		20		.5
11	Methyl tert-butyl ether (MTBE)		18		1.0
12	trans-1,2-dichloroethene		21		.5
13	1,1-dichloroethane		21		.5
14	2-butanone (MEK)		87		2.0
15	2,2-dichloropropane		20		.5
16	cis-1,2-dichloroethene		21		.5
17	*THM-Chloroform		20		.5
18	Bromochloromethane		22		.5
19	1,2-dichloroethane		19		.5
20	Surr - TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		17		.5
22	1,1-dichloropropene		19		.5
23	Carbon tetrachloride		17		.5
24	Benzene		21		.5
25	Trichloroethene		19		.5
26	1,2-dichloropropane		20		.5
27	Dibromomethane		18		.5
28	*THM-Bromodichloromethane		20		.5
29	Methyl iso-butyl ketone (MIBK)		92		1.0
30	cis-1,3-dichloropropene		20		.5
31	Toluene		21		.5
32	trans-1,3-dichloropropene		19		.5
33	1,1,2-trichloroethane		19		.5
34	Tetrachloroethene		20		.5
35	1,3-dichloropropane		20		.5
36	*THM-Dibromochloromethane		20		2.0
37	Chlorobenzene		20		.5
38	1,1,1,2-tetrachloroethane		18		.5
39	Ethylbenzene		21		.5
40	P & M-xylene		42		.5
41	O-xylene		21		.5
42	Styrene		21		.5
43	1,1,2,2-tetrachloroethane		20		.5
44	*THM-Bromoform		21		2.0
45	Isopropylbenzene		21		.5
46	1,2,3-trichloropropane		18		.5
47	N-propylbenzene		21		.5
48	Bromobenzene		20		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:42:39

Sample: AE12532
Analysis: \$S_524 Spike recovery for 524
Units: ug
Started: 5/24/02 00:03 Ended: 5/24/02 00:03 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		20		.5
50	2-chlorotoluene		19		.5
51	4-chlorotoluene		19		.5
52	TERT-butylbenzene		21		.5
53	1,2,4-trimethylbenzene		20		.5
54	SEC-butylbenzene		21		.5
55	P-isopropyltoluene		21		.5
56	1,3-dichlorobenzene		19		.5
57	1,4-dichlorobenzene		20		.5
58	N-butylbenzene		22		.5
59	1,2-dichlorobenzene		20		.5
60	1,2,4-trichlorobenzene		19		.5
61	Hexachlorobutadiene		18		.5
62	Naphthalene		16		.5
63	1,2,3-trichlorobenzene		18		.5

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 11:43:33

Sample: AE12532
 Analysis: \$R_524 Spike calculation for 524
 Units: ug
 Started: 5/30/02 10:21 Ended: 5/30/02 10:21 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		94		.5
2	Surr - 4-BROMOFLUOROBENZ		106		.5
3	Dichlorodifluoromethane		70		.5
4	Chloromethane		95		.5
5	Vinyl chloride		70		.5
6	Bromomethane		90		.5
7	Chloroethane		105		.5
8	Trichlorofluoromethane		90		.5
9	1,1-Dichloroethene		85		.5
10	Methylene Chloride		100		.5
11	Methyl tert-butyl ether (MTBE)		90		1.0
12	trans-1,2-dichloroethene		105		.5
13	1,1-dichloroethane		105		.5
14	2-butanone (MEK)		108.75		2.0
15	2,2-dichloropropane		100		.5
16	cis-1,2-dichloroethene		105		.5
17	*THM-Chloroform		100		.5
18	Bromochloromethane		110		.5
19	1,2-dichloroethane		95		.5
20	Surr - TOLUENE-D8		98		.5
21	1,1,1- trichloroethane		85		.5
22	1,1-dichloropropene		95		.5
23	Carbon tetrachloride		85		.5
24	Benzene		105		.5
25	Trichloroethene		95		.5
26	1,2-dichloropropane		100		.5
27	Dibromomethane		90		.5
28	*THM-Bromodichloromethane		100		.5
29	Methyl iso-butyl ketone (MIBK)		112		1.0
30	cis-1,3-dichloropropene		100		.5
31	Toluene		105		.5
32	trans-1,3-dichloropropene		95		.5
33	1,1,2-trichloroethane		95		.5
34	Tetrachloroethene		100		.5
35	1,3-dichloropropane		100		.5
36	*THM-Dibromochloromethane		100		2.0
37	Chlorobenzene		100		.5
38	1,1,1,2-tetrachloroethane		90		.5
39	Ethylbenzene		105		.5
40	P & M-xylene		105		.5
41	O-xylene		105		.5
42	Styrene		105		.5
43	1,1,2,2-tetrachloroethane		100		.5
44	*THM-Bromoform		105		2.0
45	Isopropylbenzene		105		.5
46	1,2,3-trichloropropane		90		.5
47	N-propylbenzene		105		.5
48	Bromobenzene		100		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:43:33

Sample: AE12532
Analysis: \$R_524 Spike calculation for 524
Units: ug
Started: 5/30/02 10:21 Ended: 5/30/02 10:21 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		100		.5
50	2-chlorotoluene		95		.5
51	4-chlorotoluene		100		.5
52	TERT-butylbenzene		105		.5
53	1,2,4-trimethylbenzene		100		.5
54	SEC-butylbenzene		105		.5
55	P-isopropyltoluene		105		.5
56	1,3-dichlorobenzene		100		.5
57	1,4-dichlorobenzene		96.85		.5
58	N-butylbenzene		110		.5
59	1,2-dichlorobenzene		100		.5
60	1,2,4-trichlorobenzene		95		.5
61	Hexachlorobutadiene		90		.5
62	Naphthalene		80		.5
63	1,2,3-trichlorobenzene		90		.5

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\12532S.D
 Acq On : 24 May 2002 3:57 pm
 Sample : spk 20; spk
 Misc :
 MS Integration Params: GAS6.P
 Quant Time: Jun 3 11:24 2002

Vial: 2
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Jun 03 11:24:39 2002
 Response via : Initial Calibration
 DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1774137	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.78	117	1667920	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	842051	5.00	ug/L	0.09

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.35	65	812167	4.69	ug/L	0.09
Spiked Amount	5.000		Recovery	=	93.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	660281	5.28	ug/L	0.07
Spiked Amount	5.000		Recovery	=	105.60%	
25) TOLUENE-D8	18.47	98	2252021	4.94	ug/L	0.07
Spiked Amount	5.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	920203	13.92	ug/L	97
5) CHLOROMETHANE	5.37	50	2002636	18.85	ug/L	100
6) VINYL CHLORIDE	5.59	62	715899	13.72	ug/L	100
7) BROMOMETHANE	6.58	94	584904	17.54	ug/L	99
8) CHLOROETHANE	6.73	64	1133249	21.37	ug/L	98
9) TRICHLOROFLUOROMETHANE	7.28	101	1742462	17.55	ug/L	98
12) ACETONE	8.26	43	737347	46.93	ug/L	100
13) 1,1-DICHLOROETHENE	8.62	61	2151594	16.87	ug/L	99
14) METHYLENE CHLORIDE	9.62	49	2333782	20.07	ug/L	97
15) METHYL TERT BUTYL ETHER	9.91	73	1666579	18.49	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.28	61	2673766	20.68	ug/L	93
17) 1,1-DICHLOROETHANE	11.17	63	2944136	21.03	ug/L	99
18) 2-BUTANONE (MEK)	12.00	43	1022151	86.63	ug/L	95
19) 2,2-DICHLOROPROPANE	12.40	77	2280851	20.08	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.48	96	1562079	20.56	ug/L	93
21) CHLOROFORM	12.82	83	2958238	19.75	ug/L	99
22) BROMOCHLOROMETHANE	13.20	49	1312216	22.27	ug/L	87
23) 1,2-DICHLOROETHANE	14.54	62	2152718	19.23	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.72	97	2276478	16.79	ug/L	99
27) 1,1-DICHLOROPROPENE	14.05	75	2414316	19.12	ug/L	99
28) CARBON TETRACHLORIDE	14.30	117	1897120	17.00	ug/L	99
29) BENZENE	14.64	78	5661275	20.76	ug/L	99
30) TRICHLOROETHENE	15.92	95	1701183	18.72	ug/L	97
31) 1,2-DICHLOROPROPANE	16.28	63	1506180	20.47	ug/L	99
32) DIBROMOMETHANE	16.96	174	643747	18.05	ug/L	93
33) BROMODICHLOROMETHANE	16.79	83	2093561	19.56	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	31817	2.24	ug/L	94
35) METHYL ISO-BUTYL KETONE	17.35	58	846685	91.84	ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.89	75	2080777	20.08	ug/L	99
37) TOLUENE	18.64	91	5891528	21.17	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	1602624	19.01	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.31	97	822495	19.19	ug/L	99
40) TETRACHLOROETHENE	20.09	166	1609258	19.62	ug/L	97
41) 1,3-DICHLOROPROPANE	19.84	76	1671064	20.07	ug/L	96
42) DIBROMOCHLOROMETHANE	20.53	129	1045608	20.16	ug/L	96
43) 1,2-DIBROMOETHANE	20.99	107	805408	18.04	ug/L	97
44) CHLOROBENZENE	21.86	112	3377421	20.03	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	1151340	17.68	ug/L	95
46) 2-HEXANONE	19.21	43	1611180	91.31	ug/L	98
47) ETHYLBENZENE	21.91	91	6769913	20.65	ug/L	99
48) P & M-XYLENE	22.07	106	4388894	41.71	ug/L	97

(#) = qualifier out of range (m) = manual integration
 12532S.D HP051702.M Mon Jun 03 11:25:41 2002

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\12532S.D

Vial: 2

Acq On : 24 May 2002 3:57 pm

Operator: 201-wb

Sample : spk 20; spk

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: GAS6.P

Quant Time: Jun 3 11:24 2002

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Mon Jun 03 11:24:39 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49) O-XYLENE	23.04	91	5486307	21.47	ug/L	99
50) STYRENE	23.10	104	3458683	21.25	ug/L	99
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	837992	19.92	ug/L	98
53) BROMOFORM	23.96	173	464395	21.45	ug/L	96
54) ISOPROPYLBENZENE	23.77	105	5951977	21.34	ug/L	100
55) 1,2,3-TRICHLOROPROPANE	24.45	110	244168	18.16	ug/L	92
56) N-PROPYLBENZENE	24.64	91	7571672	20.63	ug/L	98
57) BROMOBENZENE	24.87	156	1348146	19.80	ug/L	83
58) 1,3,5-TRIMETHYLBENZENE	24.94	105	5083580	20.27	ug/L	99
59) 2-CHLOROTOLUENE	25.11	91	4921577	19.25	ug/L	97
60) 4-CHLOROTOLUENE	25.20	91	5034095	19.69	ug/L	97
61) TERT-BUTYLBENZENE	25.74	119	4570044	20.52	ug/L	96
62) 1,2,4-TRIMETHYLBENZENE	25.85	105	5152630	19.92	ug/L	97
63) SEC-BUTYLBENZENE	26.20	105	6440811	21.04	ug/L	99
64) P-ISOPROPYLTOLUENE	26.46	119	5064602	21.02	ug/L	98
65) 1,3-DICHLOROBENZENE	26.82	146	2549248	20.00	ug/L	97
66) 1,4-DICHLOROBENZENE	27.04	146	2559246	19.82	ug/L	99
67) N-BUTYLBENZENE	27.34	91	5400345	21.61	ug/L	98
68) 1,2-DICHLOROBENZENE	27.89	146	2082928	19.74	ug/L	99
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	100585	19.47	ug/L	96
70) 1,2,4-TRICHLOROBENZENE	31.97	180	1299305	18.62	ug/L	100
71) HEXACHLOROBUTADIENE	32.28	225	981996	18.26	ug/L	98
72) NAPHTHALENE	32.83	128	1028815	15.56	ug/L	100
73) 1,2,3-TRICHLOROBENZENE	33.54	180	982815	18.34	ug/L	97
74) NITROBENZENE	29.90	77	531852	463.78	ug/L	98

(#) = qualifier out of range (m) = manual integration
12532S.D HP051702.M Mon Jun 03 11:25:44 2002

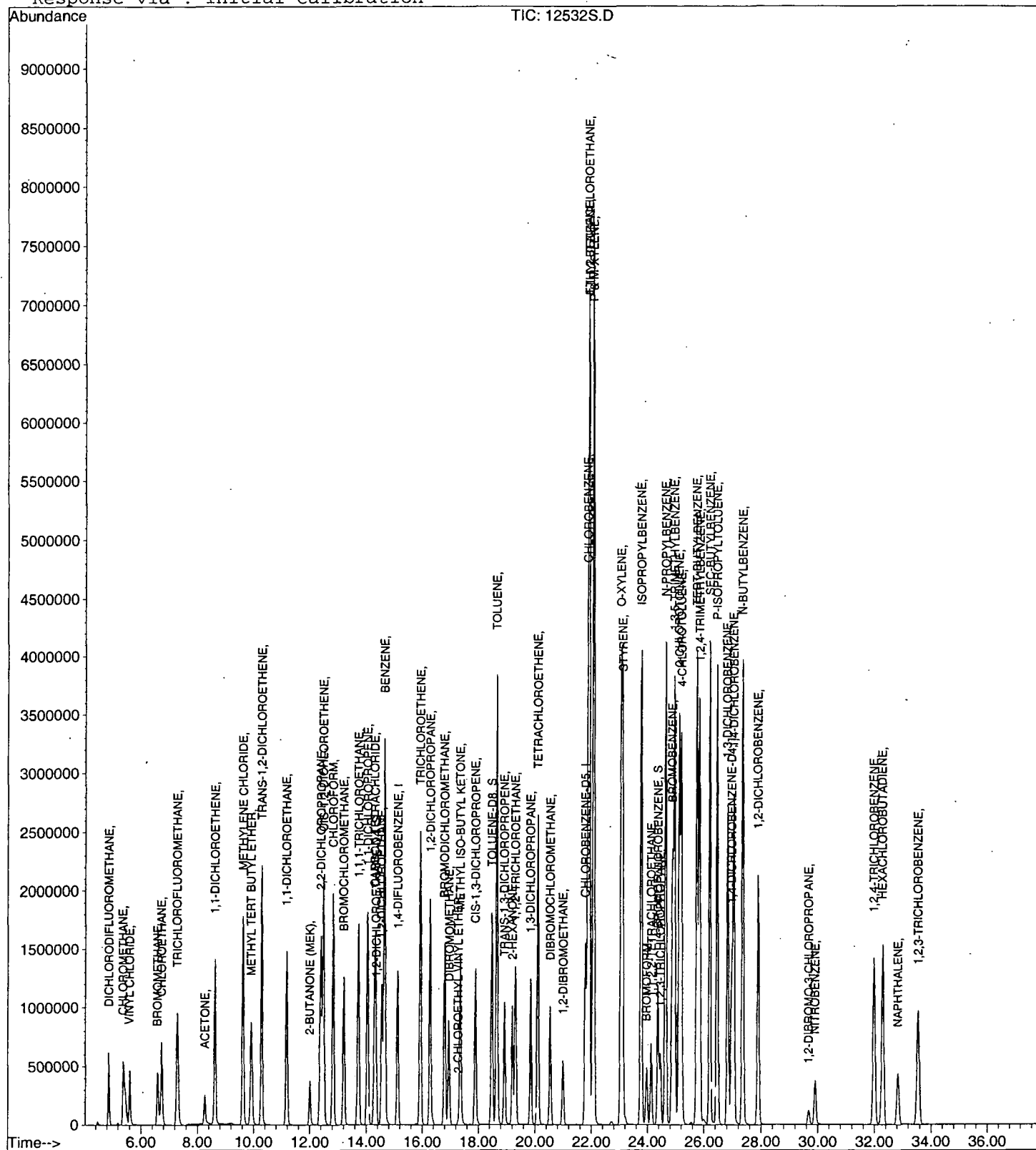
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY24\12532S.D
Acq On : 24 May 2002 3:57 pm
Sample : spk 20; spk
Misc :
MS Integration Params: GAS6.P
Quant Time: Jun 3 11:24 2002 Qu

Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

```
Method       : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Mon Jun 03 11:24:39 2002
Response via  : Initial Calibration
```



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\0524B2.D

Acq On : 24 May 2002 4:39 pm

Sample : lab blank

Misc :

MS Integration Params: GAS6.P

Quant Time: May 24 17:18 2002

Vial: 1

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 10:09:12 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.03
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.71
52) 1,4-DICHLOROBENZENE-D4	26.99	152	718	5.00	ug/L	0.10

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

	R.T.	QIon	Response	Conc	Units	Qvalue
65) 1,3-DICHLOROBENZENE	26.83	146	5661	52.08	ug/L	96
66) 1,4-DICHLOROBENZENE	27.07	146	6161	55.95	ug/L	97
68) 1,2-DICHLOROBENZENE	27.92	146	8739	97.12	ug/L	86
70) 1,2,4-TRICHLOROBENZENE	32.01	180	19189	322.44	ug/L	86
71) HEXACHLOROBUTADIENE	32.31	225	14263	310.96	ug/L	96
72) NAPHTHALENE	32.84	128	46060	178.01	ug/L	95
73) 1,2,3-TRICHLOROBENZENE	33.56	180	28639	626.60	ug/L	98

(#) = qualifier out of range (m) = manual integration
 0524B2.D HP051702.M Fri May 24 17:18:14 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\0524B2.D

Vial: 1

Acq On : 24 May 2002 4:39 pm

Operator: 201-wb

Sample : lab blank

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: GAS6.P

Quant Time: May 24 17:18 2002

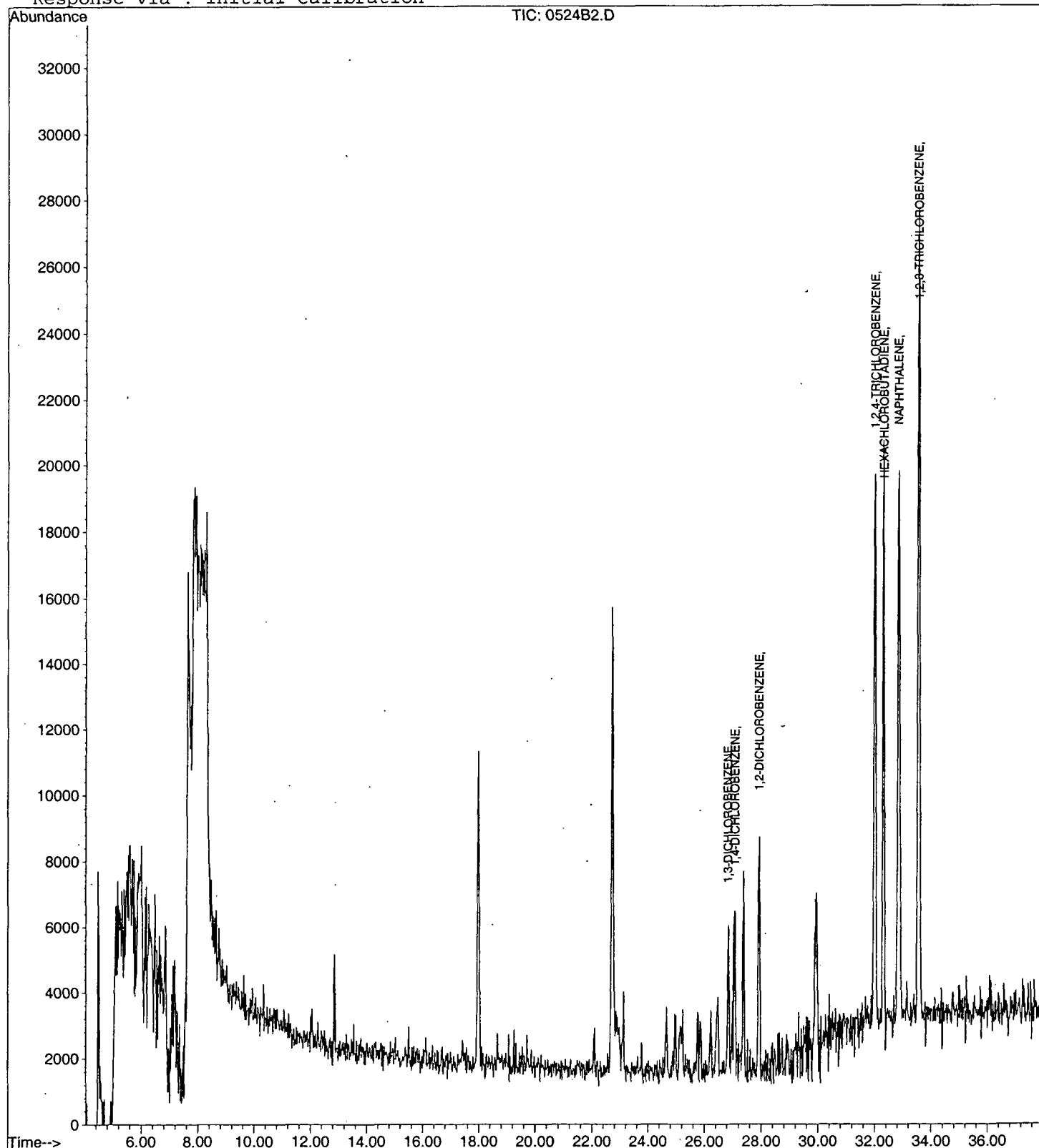
Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 09:09:18 2002

Response via : Initial Calibration



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 05/31/2002 Time: 10:36:39

Sample: AE12531
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 5/24/2002 00:06 Ended: 5/24/2002 00:06 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.1 ✓	0.5
2	Surr - 4-BROMOFLUOROBENZENE		4.9 ✓	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		0.34-below MRL ✓	0.5
18	Bromochloromethane		< MRL	0.5
19	1,2-dichloroethane		< MRL	0.5
20	Surr - TOLUENE-D8		4.9 ✓	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		0.09-below 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

REVIEWED BY AV
 DATE 5/31/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 05/31/2002 Time: 10:36:39

Sample: AE12531
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/24/2002 00:06 Ended: 5/24/2002 00:06 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		< 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

Comments for Sample AE12531 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:27:14

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12531.D Vial: 3
Acq On : 24 May 2002 6:06 pm Operator: 201-wb
Sample : 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: GAS6.P
Quant Time: May 24 18:44 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 10:09:12 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1305099	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.79	117	1212590	5.00	ug/L	0.09
52) 1,4-DICHLOROBENZENE-D4	26.99	152	540653	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	655201	5.14	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.80%	
3) 4-BROMOFLUOROBENZENE	24.38	174	455469	4.95	ug/L	0.09
Spiked Amount 5.000			Recovery	=	99.00%	
25) TOLUENE-D8	18.49	98	1629494	4.92	ug/L	0.09
Spiked Amount 5.000			Recovery	=	98.40%	
Target Compounds						
12) ACETONE	8.28	43	14961	1.29	ug/L	95
21) CHLOROFORM	12.86	83	37067	0.34	ug/L	100
33) BROMODICHLOROMETHANE	16.82	83	6621	0.09	ug/L	66

(#) = qualifier out of range (m) = manual integration
12531.D HP051702.M Fri May 24 18:44:54 2002

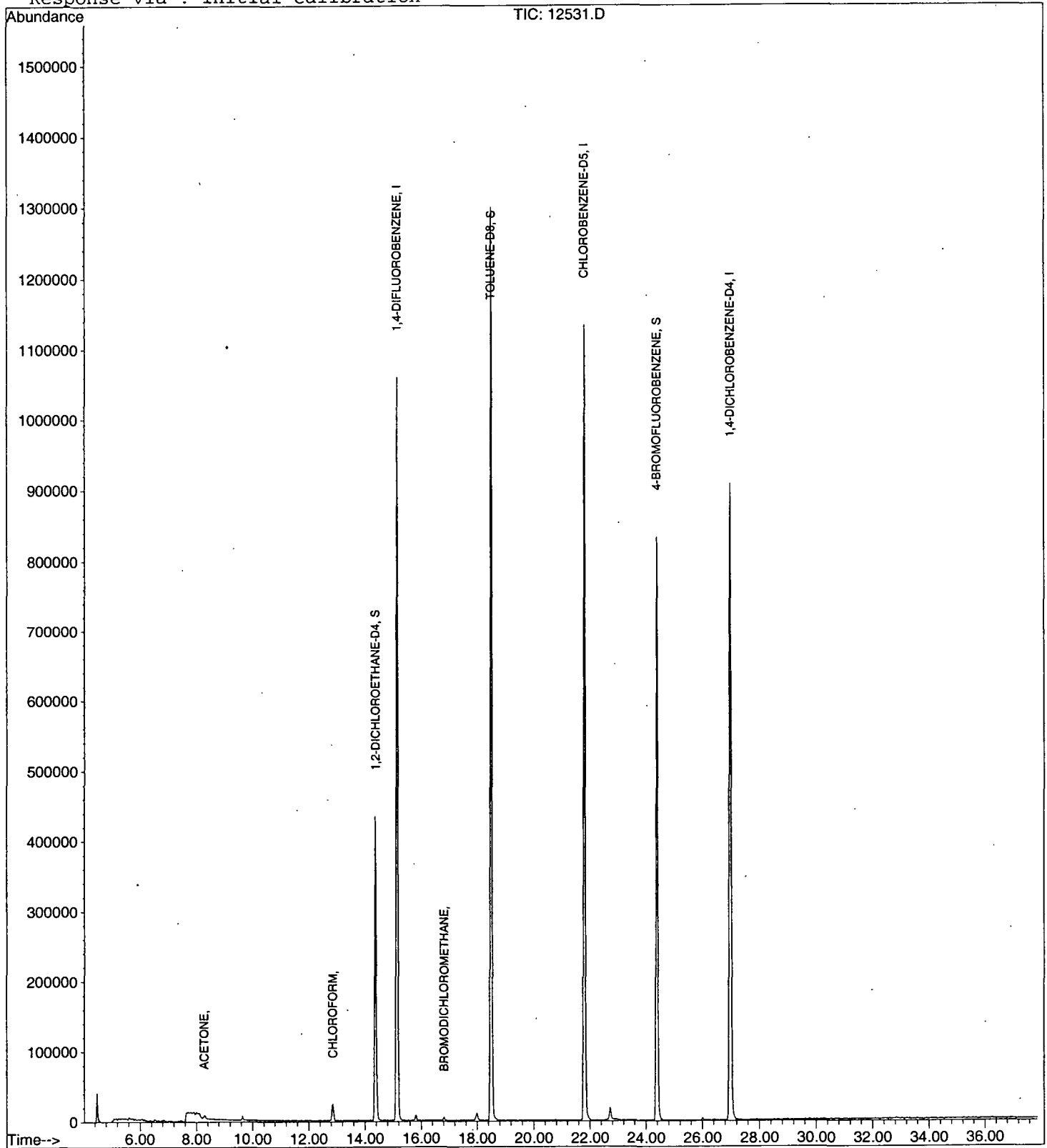
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12531.D
 Acq On : 24 May 2002 6:06 pm
 Sample : 524
 Misc :
 MS Integration Params: GAS6.P
 Quant Time: May 24 18:44 2002

Vial: 3
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu May 23 09:09:18 2002
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531.D
 Acq On : 24 May 2002 6:06 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

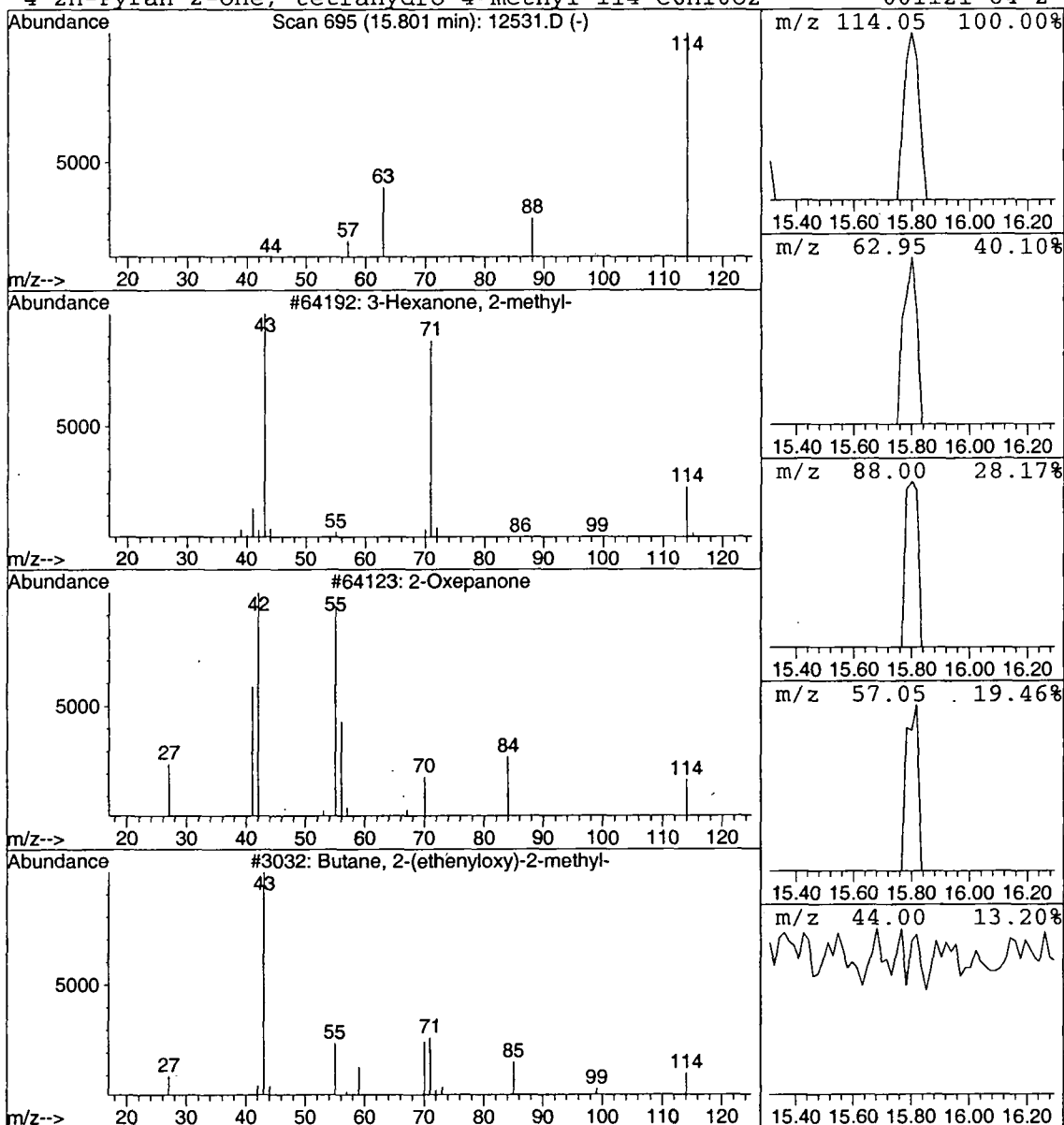
Vial: 3
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 3-Hexanone, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	27213	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2			2-Oxepanone	114	C6H10O2	000502-44-3	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\02may24\12531.D
Acq On : 24 May 2002 6:06 pm
Sample : 524
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

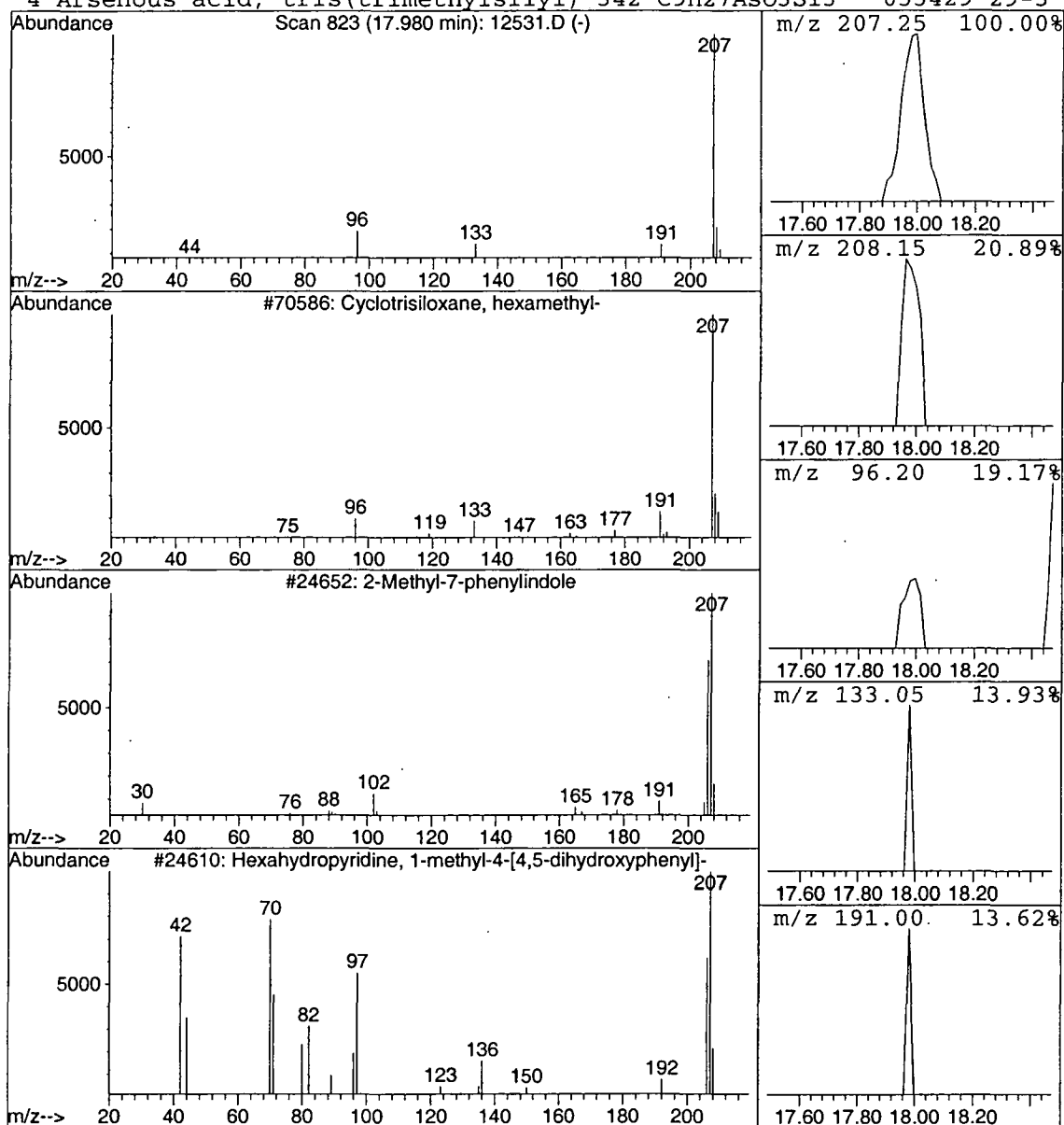
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	0.06 ug/L	47536	1,4-DIFLUOROBENZENE	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2		2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
3		Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
4		Arsenous acid, tris(trimethylsilyl)	342	C9H27AsO3Si3	055429-29-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531.D
 Acq On : 24 May 2002 6:06 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

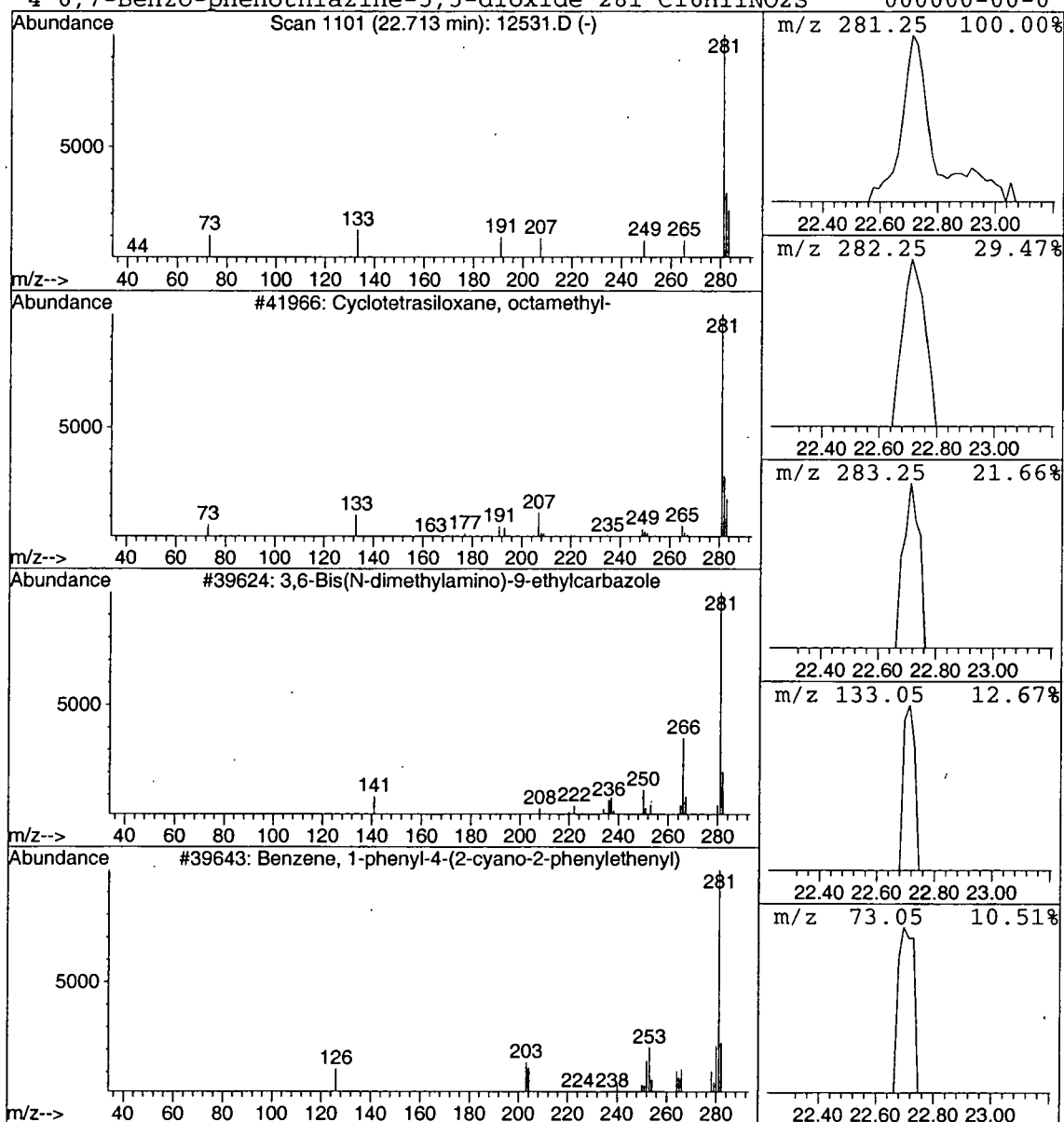
Vial: 3
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	0.10 ug/L	88140	CHLOROBENZENE-D5	21.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2		3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
3		Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4		6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 10:20:55

Sample: AE12532
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 5/24/02 00:06 Ended: 5/24/02 00:06 Analyst: BH
 Result source: a:\12532.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	0.5
2	Surr - 4-BROMOFLUOROBENZ		5.0	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		4.8	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 AL
 DATE 5/31/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:20:55

Sample: AE12532
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/24/02 00:06 Ended: 5/24/02 00:06 Analyst: BH
Result source: a:\12532.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		0.63	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

Comments for Sample AE12532 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:27:32

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12532.D Vial: 4
 Acq On : 24 May 2002 6:49 pm Operator: 201-wb
 Sample : 524 Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: GAS6.P
 Quant Time: May 24 19:27 2002 Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu May 23 10:09:12 2002
 Response via : Initial Calibration
 DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1564853	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.81	117	1476912	5.00	ug/L	0.10
52) 1,4-DICHLOROBENZENE-D4	26.99	152	669644	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	774855	5.07	ug/L	0.10
Spiked Amount 5.000			Recovery	=	101.40%	
3) 4-BROMOFLUOROBENZENE	24.38	174	551154	4.99	ug/L	0.08
Spiked Amount 5.000			Recovery	=	99.80%	
25) TOLUENE-D8	18.49	98	1948389	4.83	ug/L	0.08
Spiked Amount 5.000			Recovery	=	96.60%	
Target Compounds						
12) ACETONE	8.29	43	15018	1.08	ug/L	95
18) 2-BUTANONE (MEK)	12.02	43	2190	0.21	ug/L	54
65) 1,3-DICHLOROBENZENE	27.05	146	64819	0.64	ug/L	94
66) 1,4-DICHLOROBENZENE .63	27.05	146	64819	0.63	ug/L	96

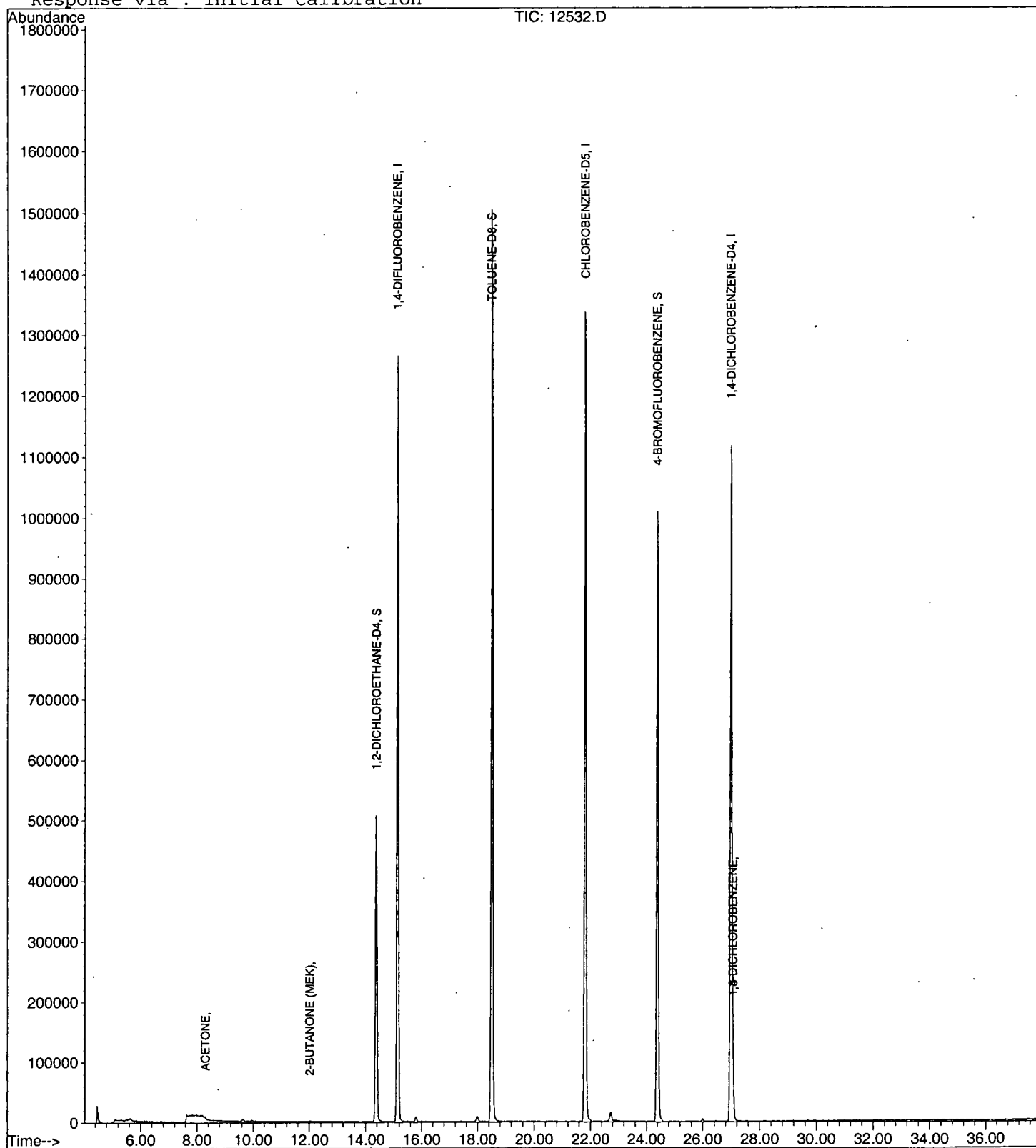
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12532.D
Acq On : 24 May 2002 6:49 pm
Sample : 524
Misc :
MS Integration Params: GAS6.P
Quant Time: May 24 19:27 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12532.D
 Acq On : 24 May 2002 6:49 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

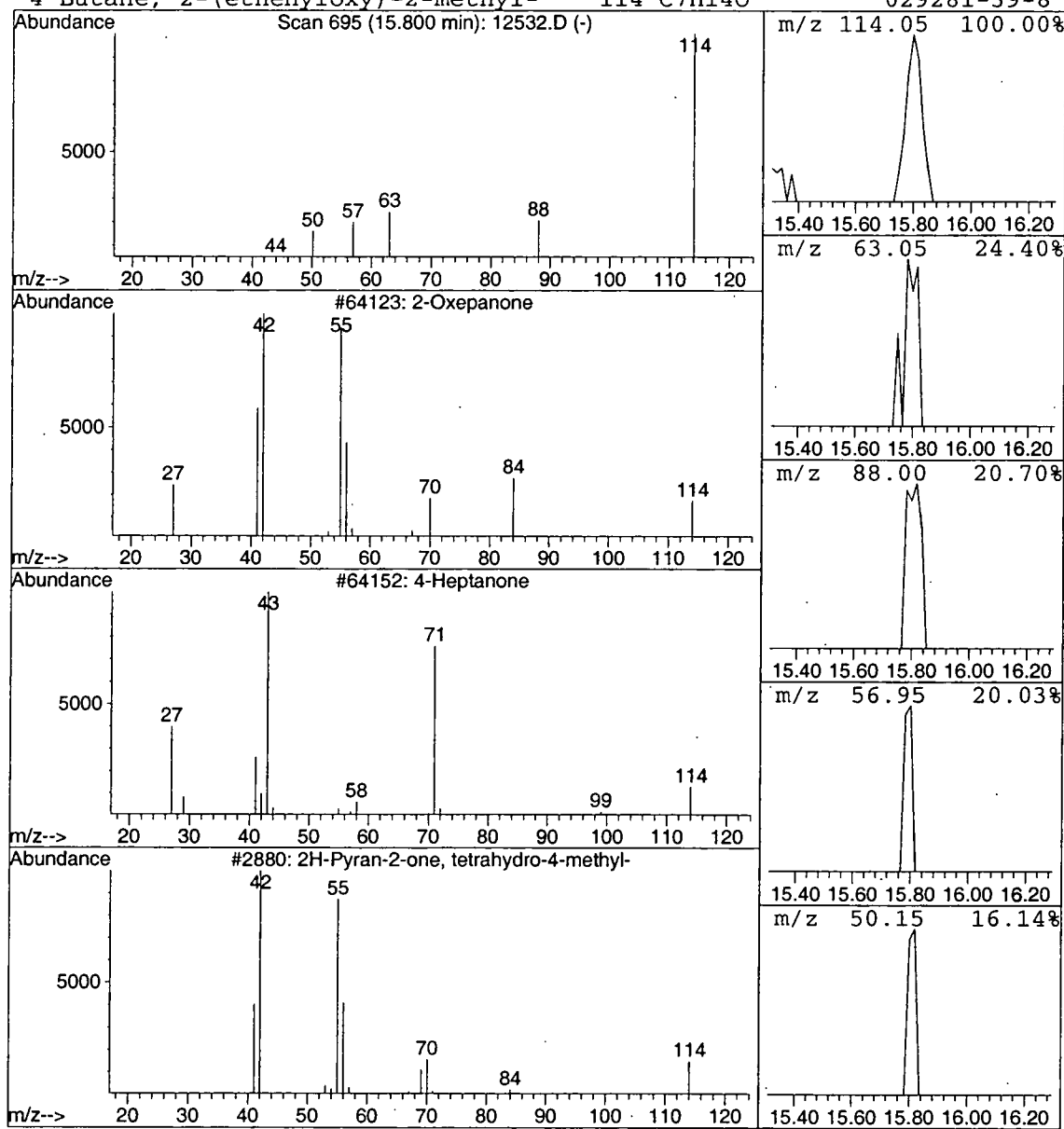
Vial: 4
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Oxepanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	28912	1,4-DIFLUOROBENZENE	15.14

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			2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
4			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12532.D
Acq On : 24 May 2002 6:49 pm
Sample : 524
Misc :
MS Integration Params: LSCINT.P

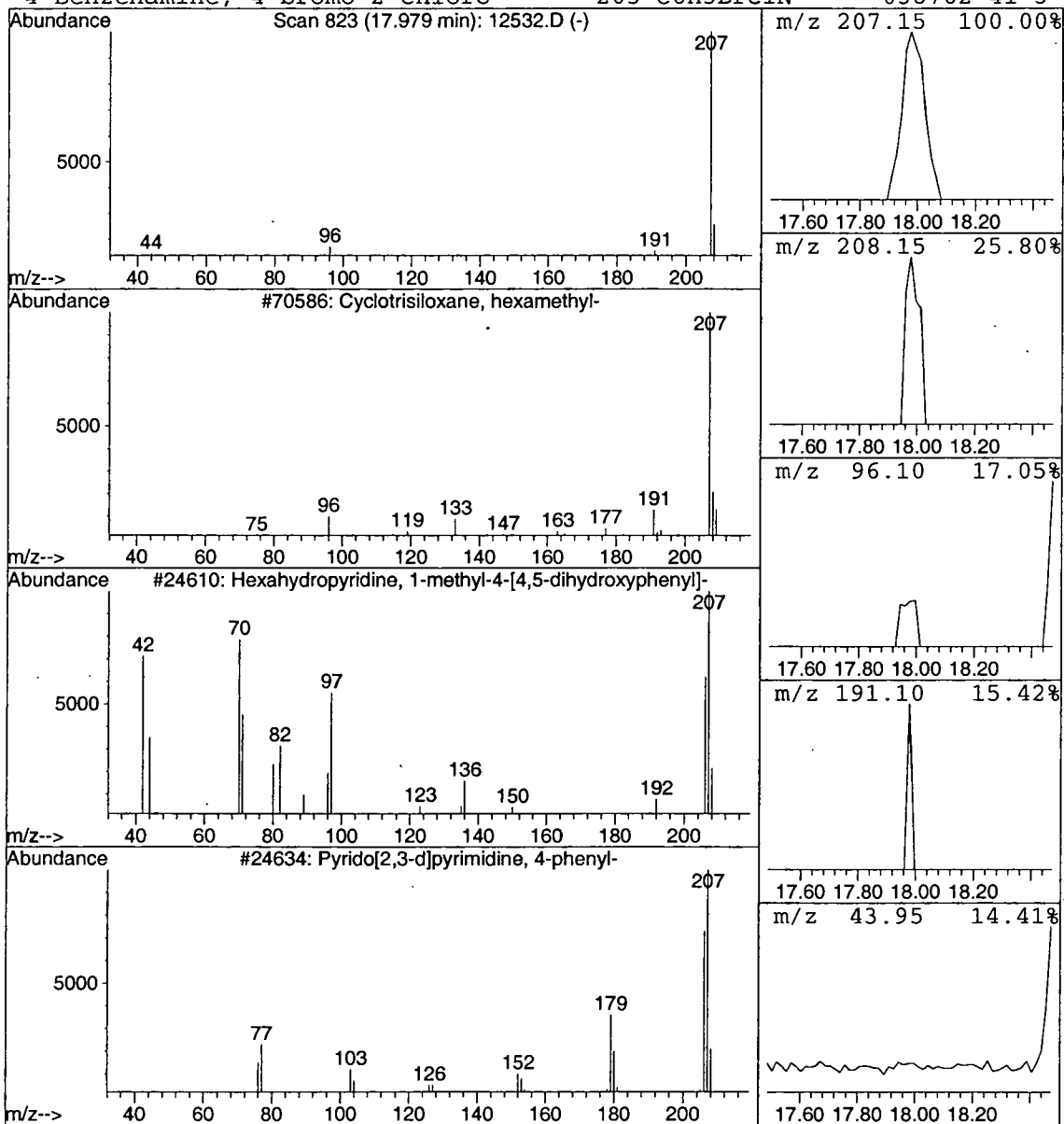
Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	0.05 ug/L	43612	1,4-DIFLUOROBENZENE	15.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
2		Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
3		Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4		Benzenamine, 4-bromo-2-chloro-	205	C6H5BrClN	038762-41-3	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12532.D
 Acq On : 24 May 2002 6:49 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

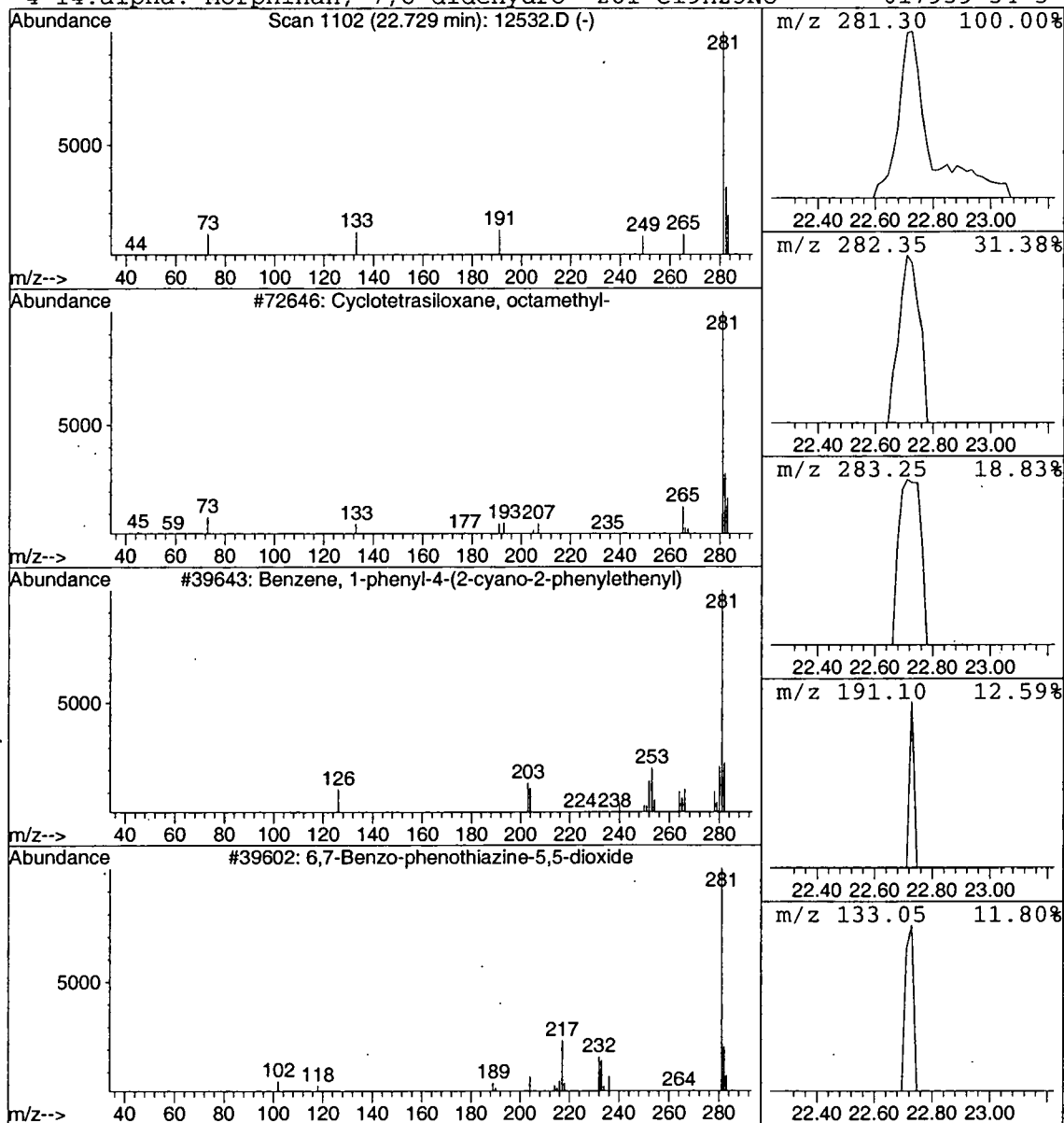
Vial: 4
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	0.06 ug/L	62690	CHLOROBENZENE-D5	21.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2			Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
3			6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5
4			14.alpha.-Morphinan, 7,8-didehydro-	281	C19H23NO	017939-34-3	5



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 10:21:56

Sample: AE12533
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 5/24/02 00:07 Ended: 5/24/02 00:07 Analyst: BH
 Result source: a:\12533.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1 /	0.5
2	Surr - 4-BROMOFLUOROBENZ		5.0 /	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		4.9 /	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	<u>AV</u>
DATE	<u>5/31/02</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:21:56

Sample: AE12533
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/24/02 00:07 Ended: 5/24/02 00:07 Analyst: BH
Result source: a:\12533.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

Comments for Sample AE12533 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:27:40

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Not necessary

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12533.D

Acq On : 24 May 2002 7:32 pm

Sample : 524

Misc :

MS Integration Params: GAS6.P

Quant Time: May 24 20:10 2002

Vial: 5

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 10:09:12 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1507361	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.79	117	1393208	5.00	ug/L	0.09
52) 1,4-DICHLOROBENZENE-D4	26.99	152	636092	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	744793	5.06	ug/L	0.10
Spiked Amount 5.000			Recovery	=	101.20%	
3) 4-BROMOFLUOROBENZENE	24.38	174	536283	5.04	ug/L	0.09
Spiked Amount 5.000			Recovery	=	100.80%	
25) TOLUENE-D8	18.49	98	1856160	4.88	ug/L	0.09
Spiked Amount 5.000			Recovery	=	97.60%	
Target Compounds						
12) ACETONE	8.29	43	20475	1.53	ug/L	98
14) METHYLENE CHLORIDE	9.64	49	7481	0.08	ug/L	97
18) 2-BUTANONE (MEK)	12.07	43	2157	0.22	ug/L	54

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

12533.D HP051702.M Fri May 24 20:10:55 2002

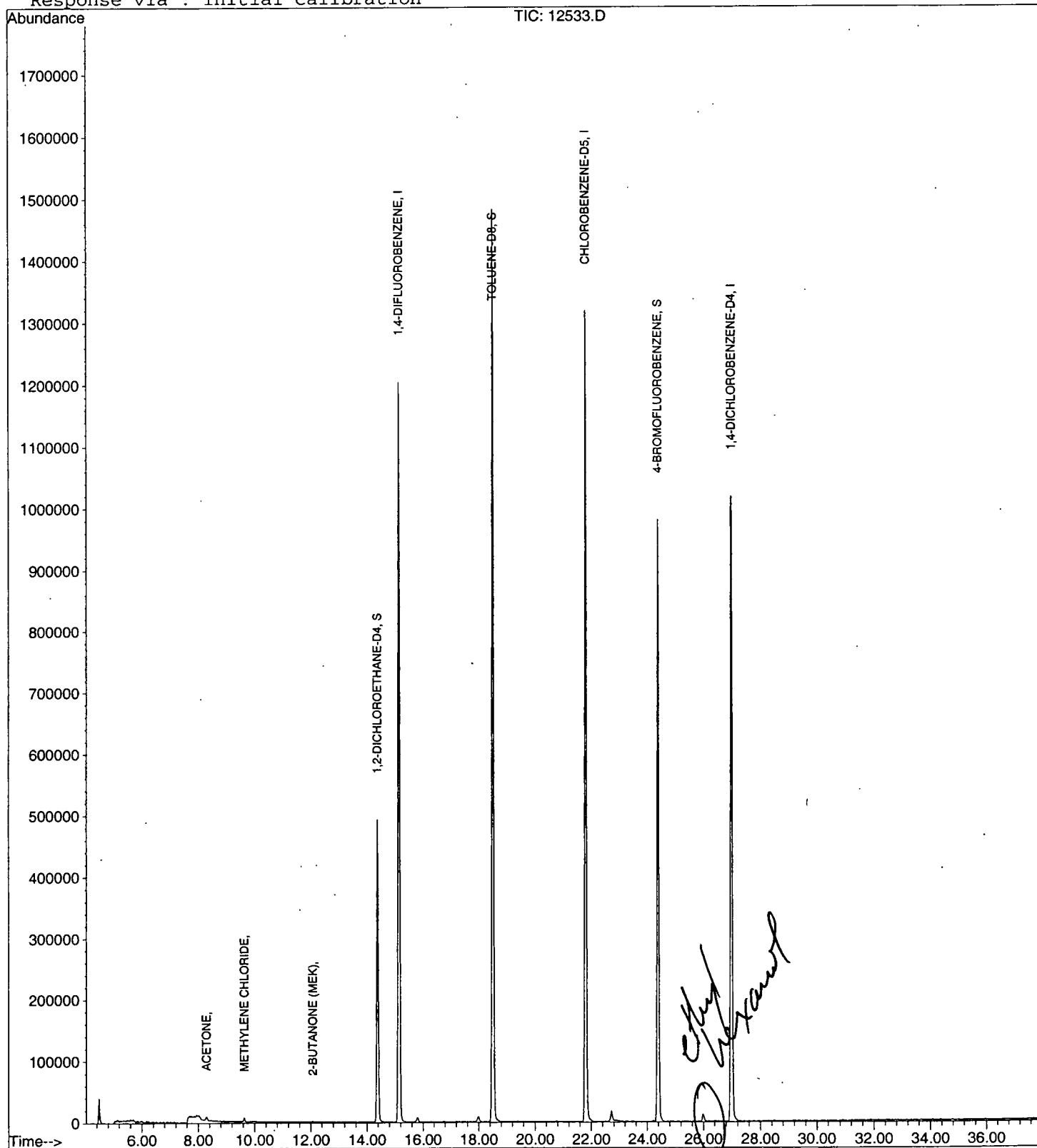
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12533.D
 Acq On : 24 May 2002 7:32 pm
 Sample : 524
 Misc :
 MS Integration Params: GAS6.P
 Quant Time: May 24 20:10 2002

Vial: 5
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu May 23 09:09:18 2002
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12533.D
 Acq On : 24 May 2002 7:32 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

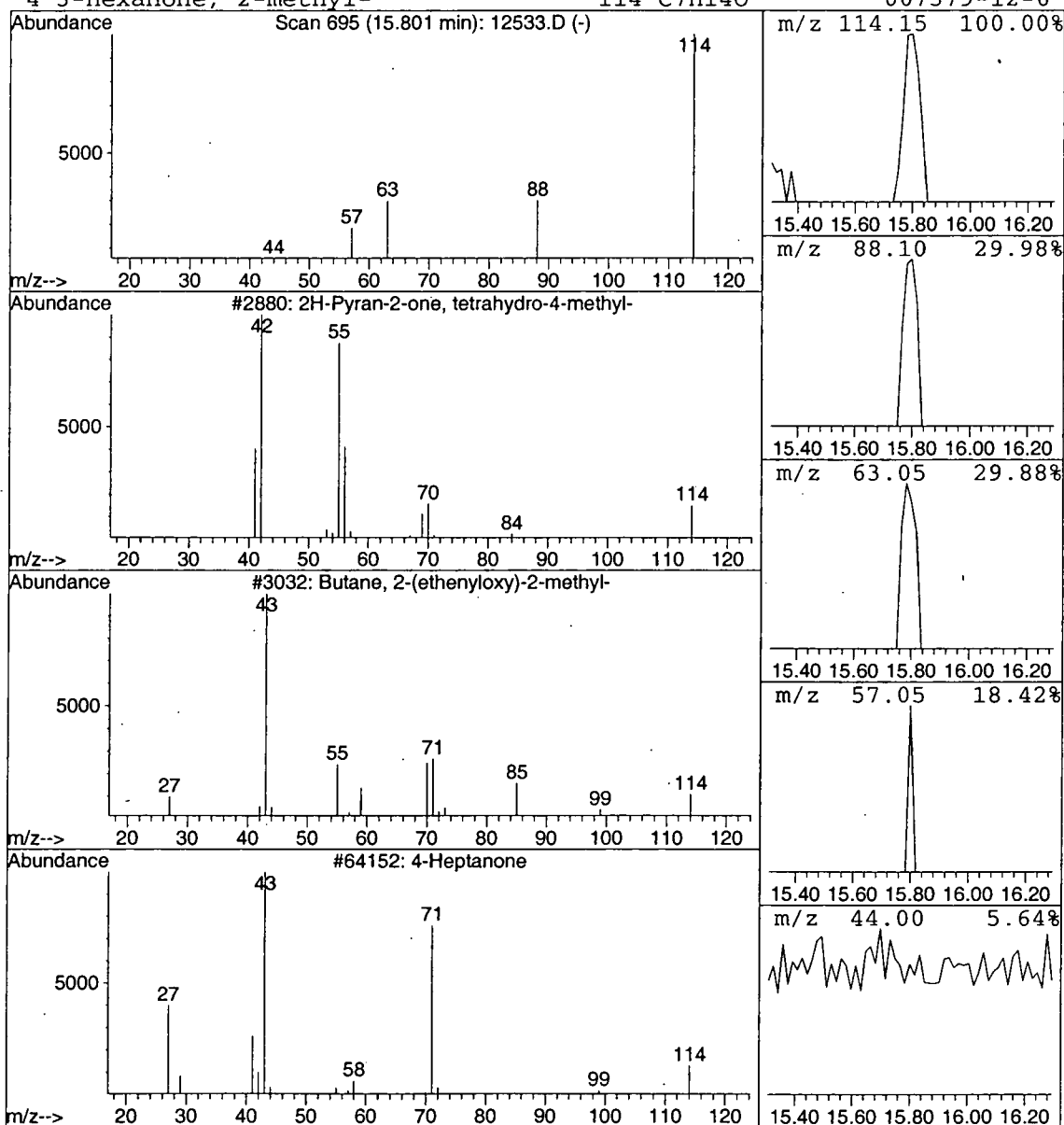
Vial: 5
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2H-Pyran-2-one, tetrahydro-4-m Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	26712	1,4-DIFLUOROBENZENE	15.14

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
2		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3		4-Heptanone	114	C7H14O	000123-19-3	3
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12533.D

Acq On : 24 May 2002 7:32 pm

Sample : 524

Misc :

MS Integration Params: LSCINT.P

Vial: 5

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

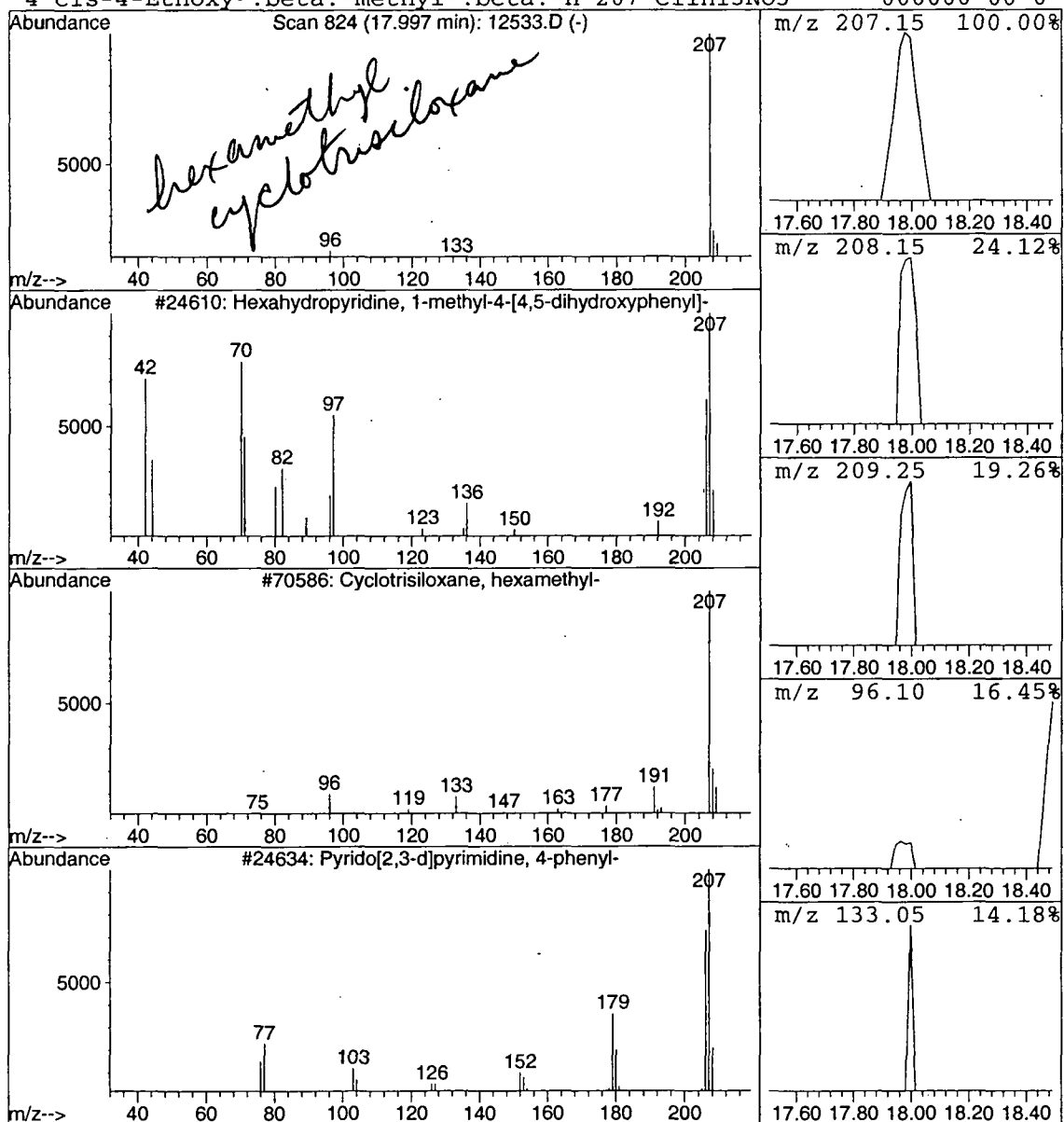
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 2 Hexahydropyridine, 1-methyl-4- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	0.04 ug/L	38588	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9
3			Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5
4			cis-4-Ethoxy-.beta.-methyl-.beta.-n	207	C11H13NO3	000000-00-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12533.D

Acq On : 24 May 2002 7:32 pm

Sample : 524

Misc :

MS Integration Params: LSCINT.P

Vial: 5

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

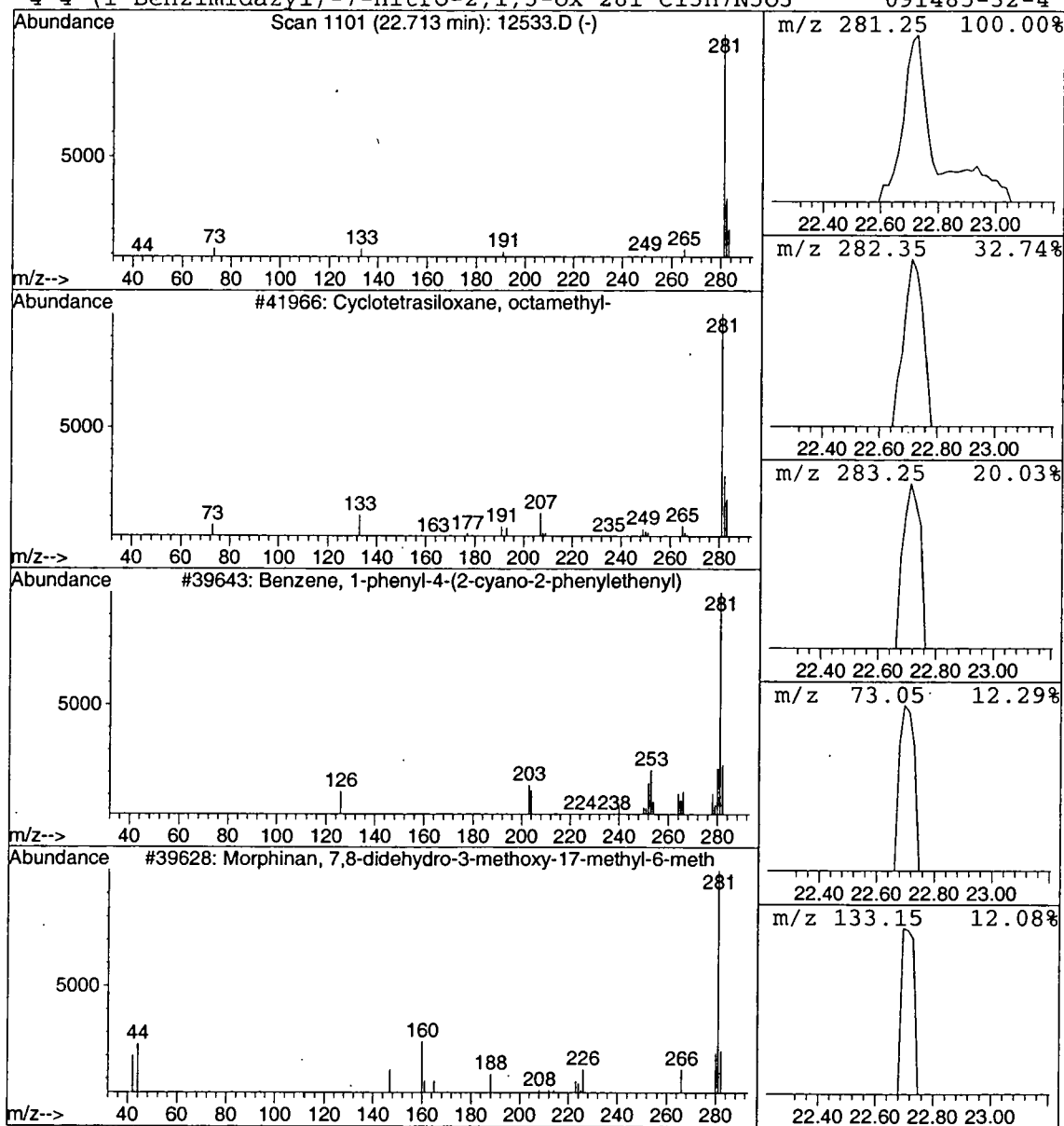
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	0.07 ug/L	75868	CHLOROBENZENE-D5	21.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2			Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
3			Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5
4			4-(1-Benzimidazolyl)-7-nitro-2,1,3-ox	281	C13H7N5O3	091485-32-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12533.D
Acq On : 24 May 2002 7:32 pm
Sample : 524
Misc :
MS Integration Params: LSCINT.P

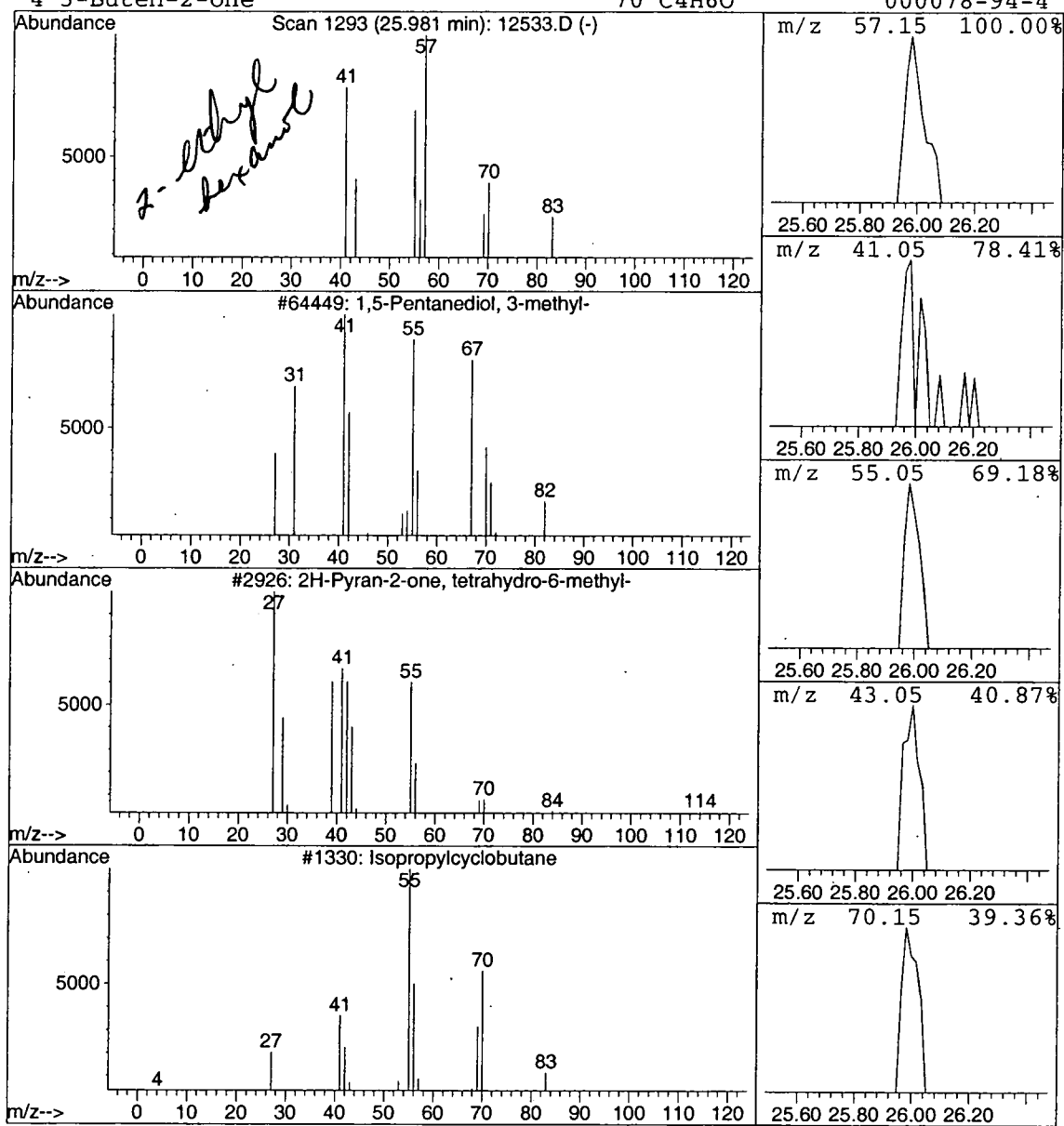
Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 4 1,5-Pentanediol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	0.06 ug/L	48591	1,4-DICHLOROBENZENE-D4	26.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Pentanediol, 3-methyl-	118	C6H14O2	004457-71-0	9
2			2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	9
3			Isopropylcyclobutane	98	C7H14	000872-56-0	9
4			3-Buten-2-one	70	C4H6O	000078-94-4	7



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 10:22:20

Sample: AE12534
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 5/24/02 00:08 Ended: 5/24/02 00:08 Analyst: BH
 Result source: a:\12534.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3	0.5
2	Surr - 4-BROMOFLUOROBENZ		5.0	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		4.9	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 5/31/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:22:20

Sample: AE12534
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/24/02 00:08 Ended: 5/24/02 00:08 Analyst: BH
Result source: a:\12534.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

Comments for Sample AE12534 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:27:48

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12534.D

Acq On : 24 May 2002 8:15 pm

Sample : 524

Misc :

MS Integration Params: GAS6.P

Quant Time: May 24 20:53 2002

Vial: 6

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 10:09:12 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1173792	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.79	117	1100854	5.00	ug/L	0.08
52) 1,4-DICHLOROBENZENE-D4	26.97	152	496857	5.00	ug/L	0.08
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	605166	5.28	ug/L	0.10
Spiked Amount 5.000			Recovery	=	105.60%	
3) 4-BROMOFLUOROBENZENE	24.38	174	415387	5.02	ug/L	0.08
Spiked Amount 5.000			Recovery	=	100.40%	
25) TOLUENE-D8	18.49	98	1467130	4.88	ug/L	0.08
Spiked Amount 5.000			Recovery	=	97.60%	
Target Compounds						
12) ACETONE	8.29	43	14201	1.37	ug/L	53
18) 2-BUTANONE (MEK)	12.04	43	2260	0.29	ug/L	54

(#) = qualifier out of range (m) = manual integration
12534.D HP051702.M Fri May 24 20:54:05 2002

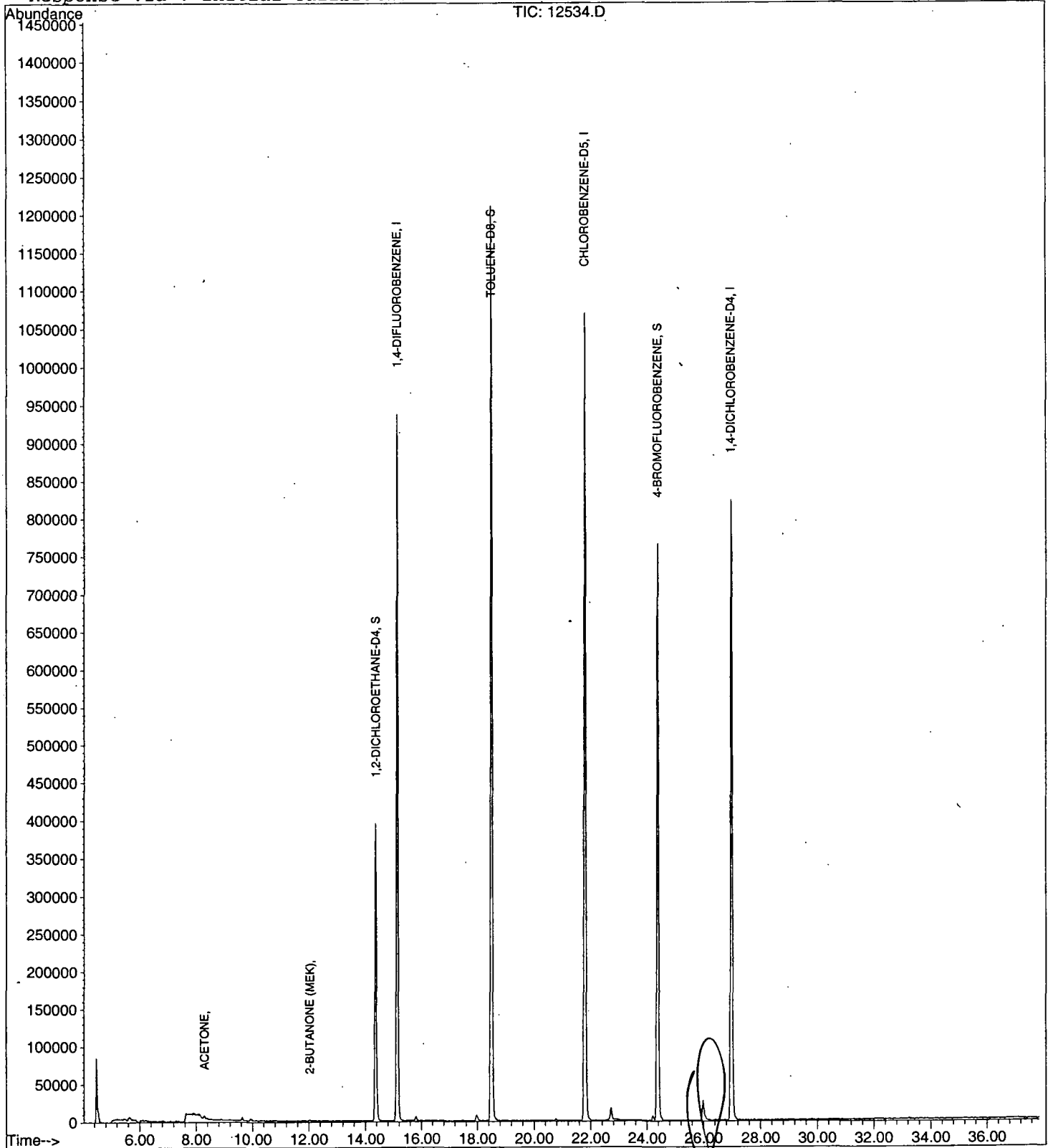
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12534.D
Acq. On : 24 May 2002 8:15 pm
Sample : 524
Misc :
MS Integration Params: GAS6.P
Quant Time: May 24 20:53 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12534.D
 Acq On : 24 May 2002 8:15 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

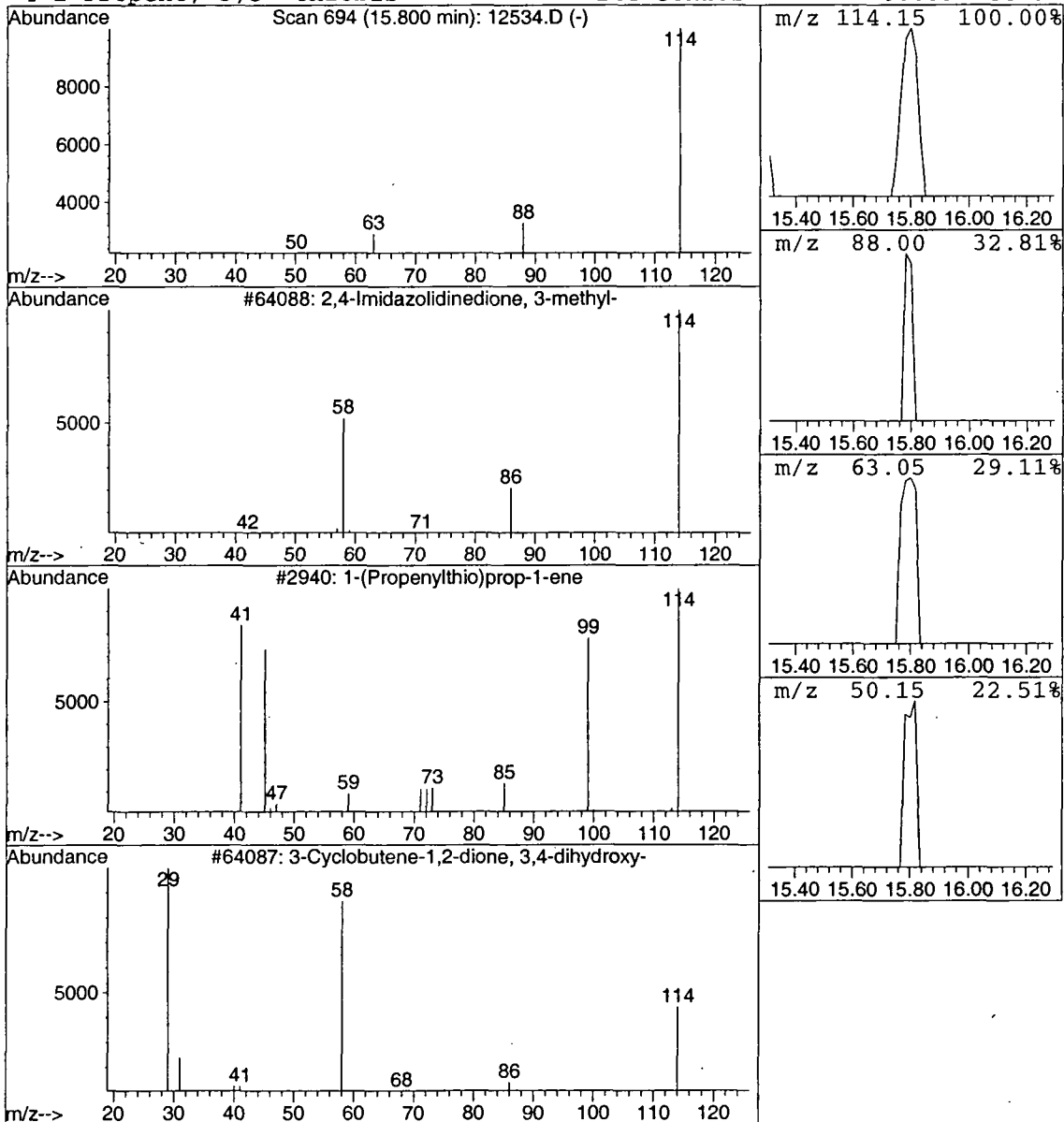
Vial: 6
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.03 ug/L	20639	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
2			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4			1-Propene, 3,3'-thiobis-	114	C6H10S	000592-88-1	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12534.D
 Acq On : 24 May 2002 8:15 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

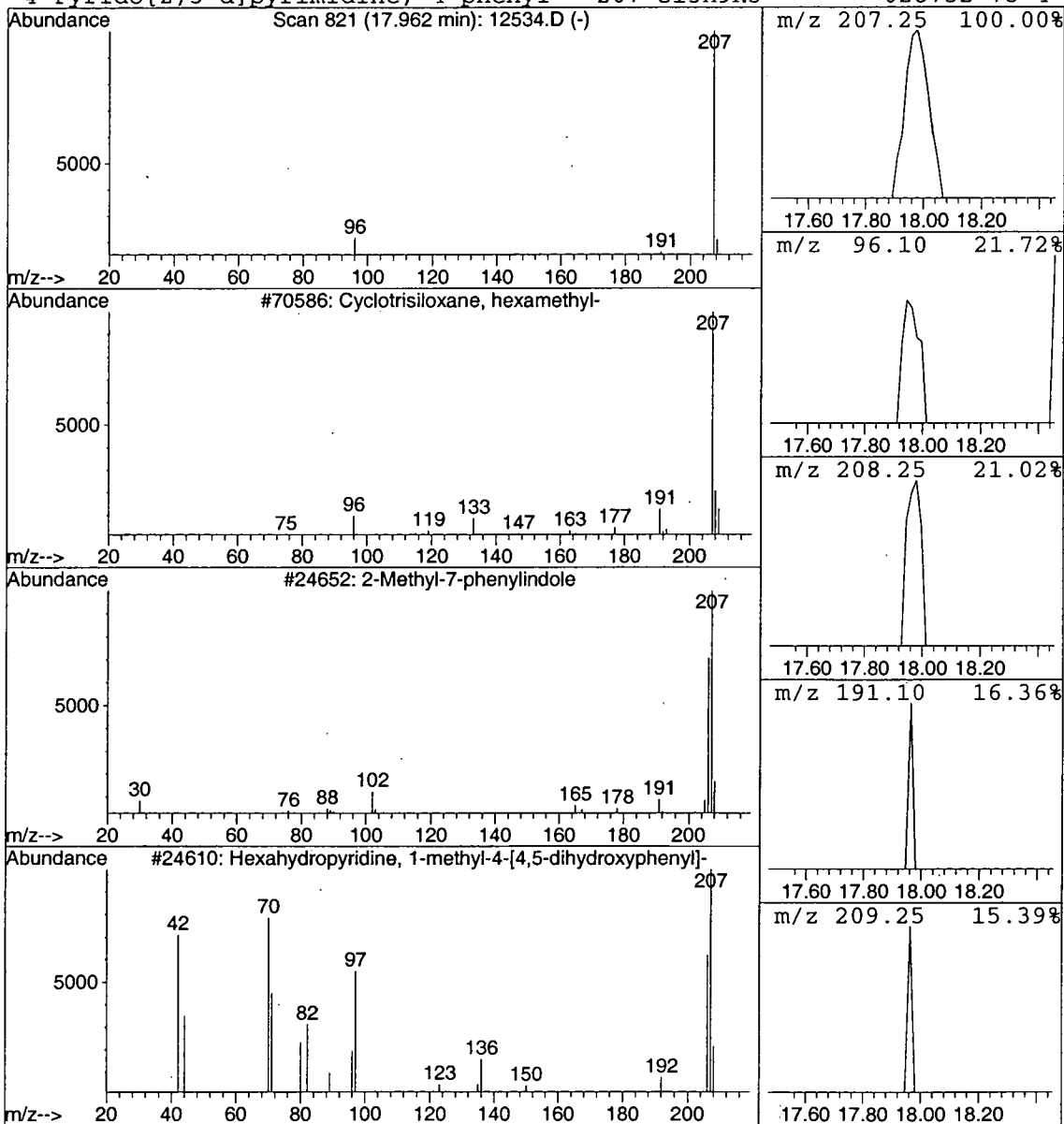
Vial: 6
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	0.05 ug/L	36664	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	43
2			2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
3			Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
4			Pyrido[2,3-d]pyrimidine, 4-phenyl-	207	C13H9N3	028732-75-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12534.D

Acq On : 24 May 2002 8:15 pm

Sample : 524

Misc :

MS Integration Params: LSCINT.P

Vial: 6

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

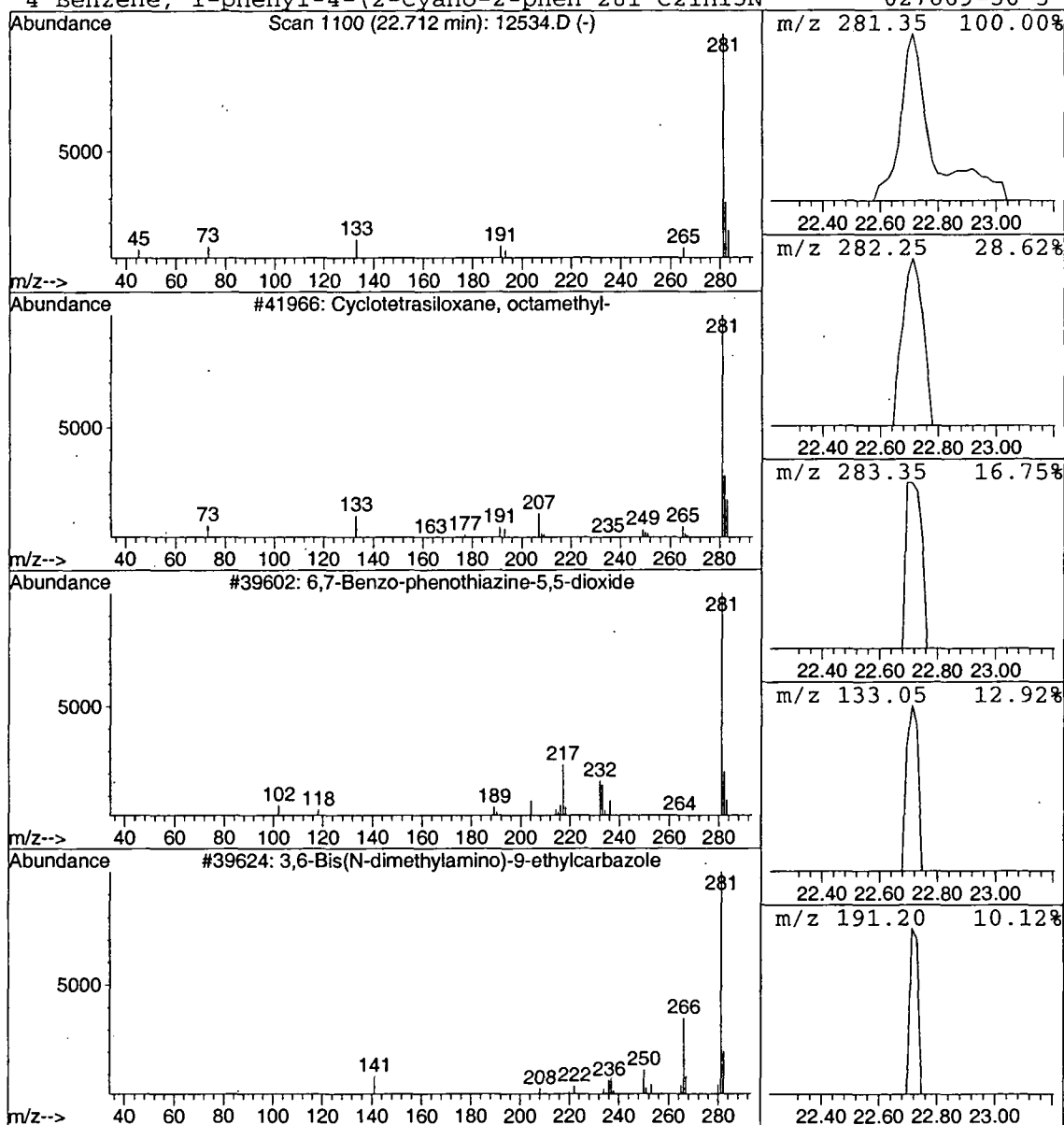
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	0.10 ug/L	78762	CHLOROBENZENE-D5	21.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2			6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3			3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
4			Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12534.D
Acq On : 24 May 2002 8:15 pm
Sample : 524
Misc :
MS Integration Params: LSCINT.P

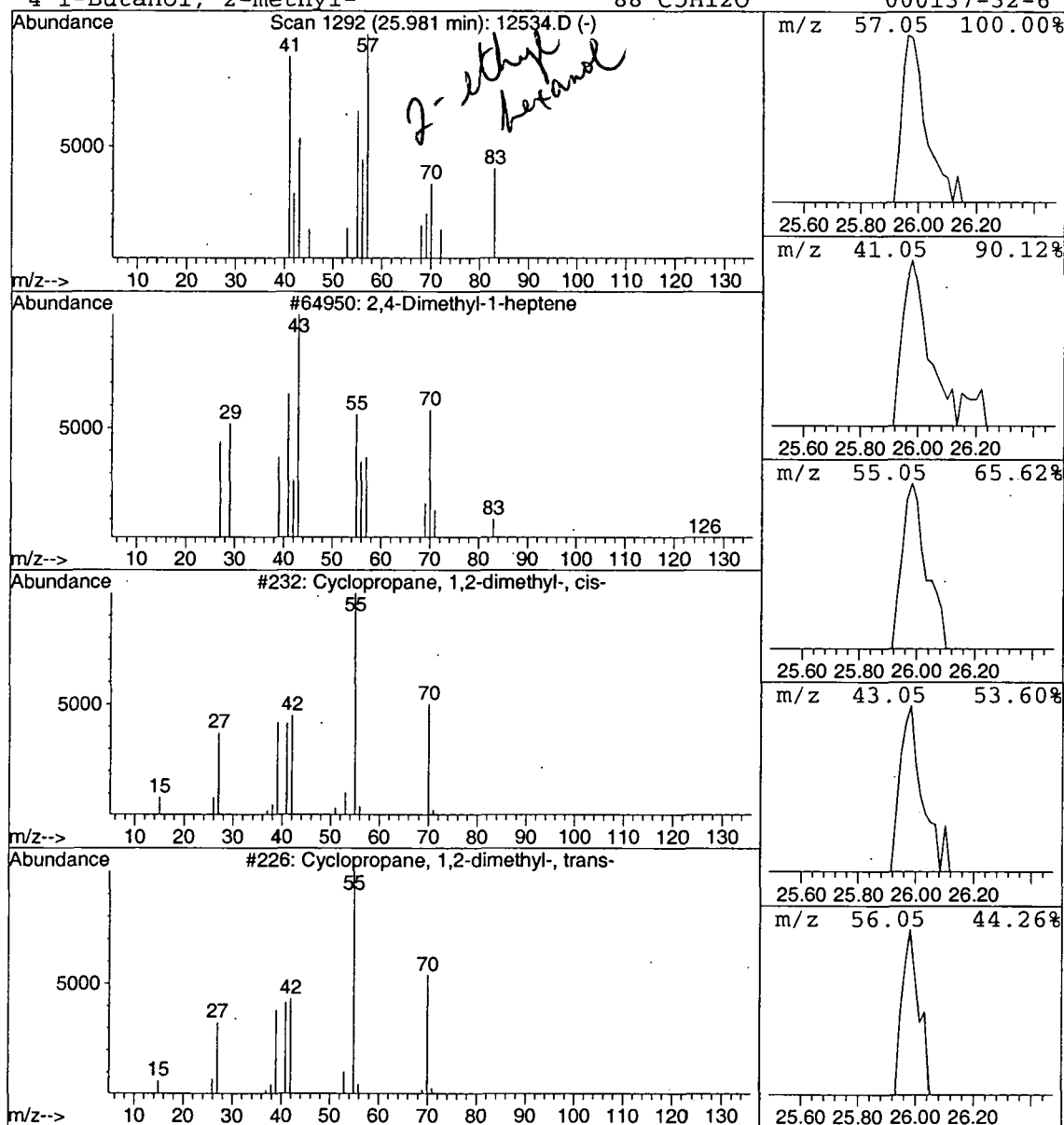
Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 5 2,4-Dimethyl-1-heptene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	0.18 ug/L	127941	1,4-DICHLOROBENZENE-D4	26.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	23
2		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	12
3		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	12
4		1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	10



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 05/31/2002 Time: 11:17:29

Sample: AE12531
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 5/24/2002 00:08 Ended: 5/24/2002 00:08 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.8 ✓	.5
2	Surr - 4-BROMOFLUOROBENZENE		4.9 ✓	.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		0.51* 0.34	.5
18	Bromochloromethane		< MRL	.5
19	1,2-dichloroethane		< MRL ✓	.5
20	Surr - TOLUENE-D8		4.9 ✓	.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		0.12 0.09	.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: 05/31/2002 Time: 11:17:29

Sample: AE12531
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/24/2002 00:08 Ended: 5/24/2002 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		< MRL	.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

Comments for Sample AE12531 - Analysis \$D_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 11:15:22

This is a qualitative duplicate only because the areas of the internal standards are below the required level. The presence of chloroform and bromodichloromethane are confirmed.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12531D.D
Acq On : 24 May 2002 8:58 pm
Sample : 524; dup.
Misc :
MS Integration Params: GAS6.P
Quant Time: May 24 21:37 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 10:09:12 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	813036	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.79	117	748074	5.00	ug/L	0.08
52) 1,4-DICHLOROBENZENE-D4	26.97	152	342980	5.00	ug/L	0.08
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	459857	5.79	ug/L	0.10
Spiked Amount 5.000			Recovery	=	115.80%	
3) 4-BROMOFLUOROBENZENE	24.38	174	281541	4.91	ug/L	0.08
Spiked Amount 5.000			Recovery	=	98.20%	
25) TOLUENE-D8	18.49	98	1009413	4.94	ug/L	0.08
Spiked Amount 5.000			Recovery	=	98.80%	
Target Compounds						
12) ACETONE	8.27	43	14284	1.98	ug/L	78
21) CHLOROFORM	12.84	83	35000	0.51	ug/L	97
33) BROMODICHLOROMETHANE	16.80	83	5728	0.12	ug/L	99

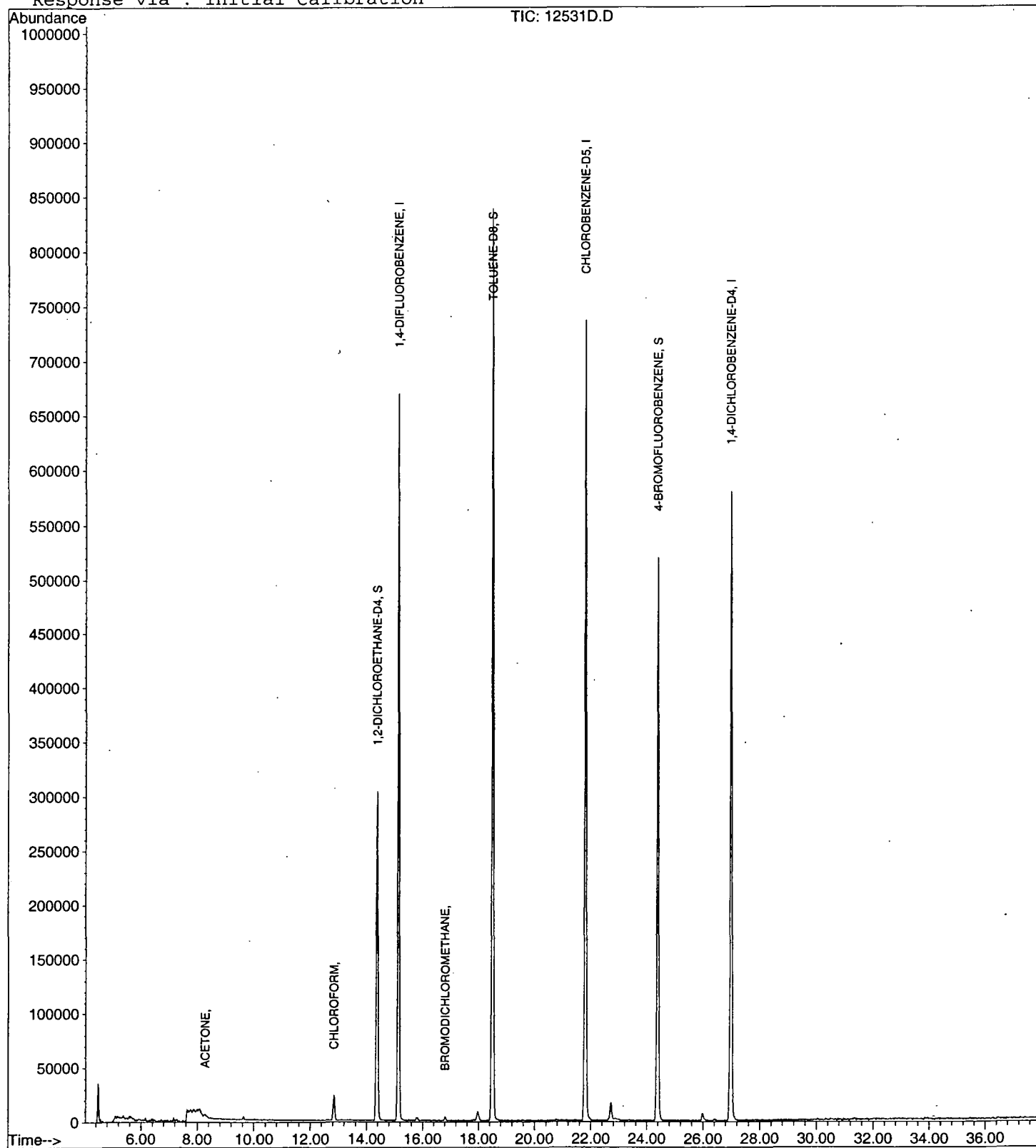
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12531D.D
Acq On : 24 May 2002 8:58 pm
Sample : 524; dup.
Misc :
MS Integration Params: GAS6.P
Quant Time: May 24 21:37 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531D.D
 Acq On : 24 May 2002 8:58 pm
 Sample : 524; dup.
 Misc :
 MS Integration Params: LSCINT.P

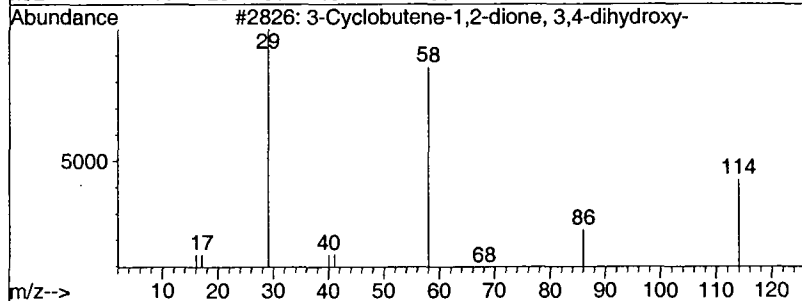
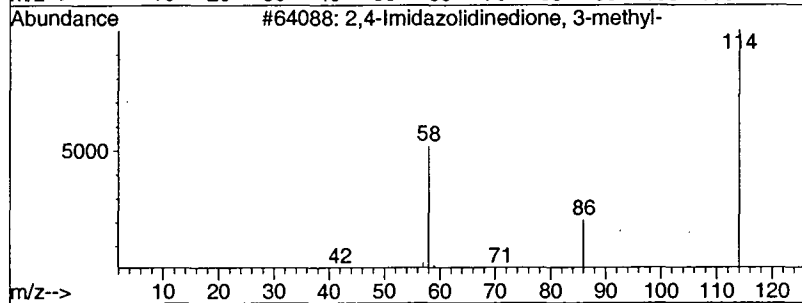
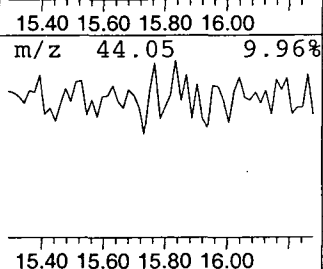
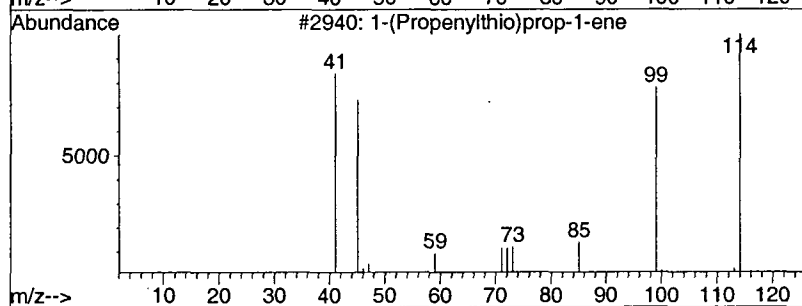
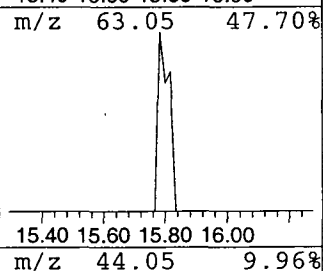
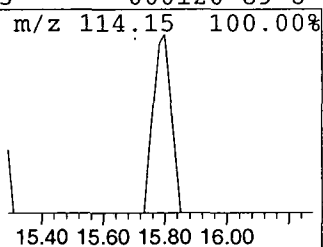
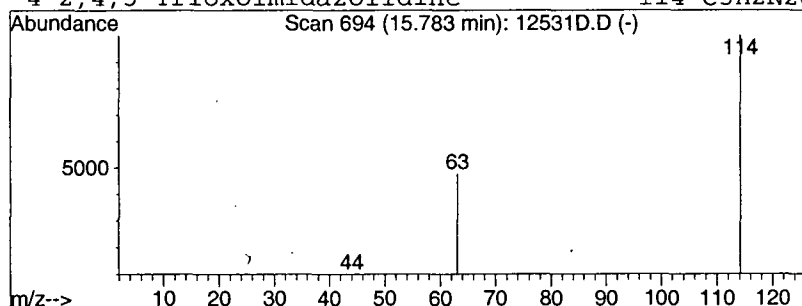
Vial: 7
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	15647	1,4-DIFLUOROBENZENE	15.14

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531D.D
Acq On : 24 May 2002 8:58 pm
Sample : 524; dup.
Misc :
MS Integration Params: LSCINT.P

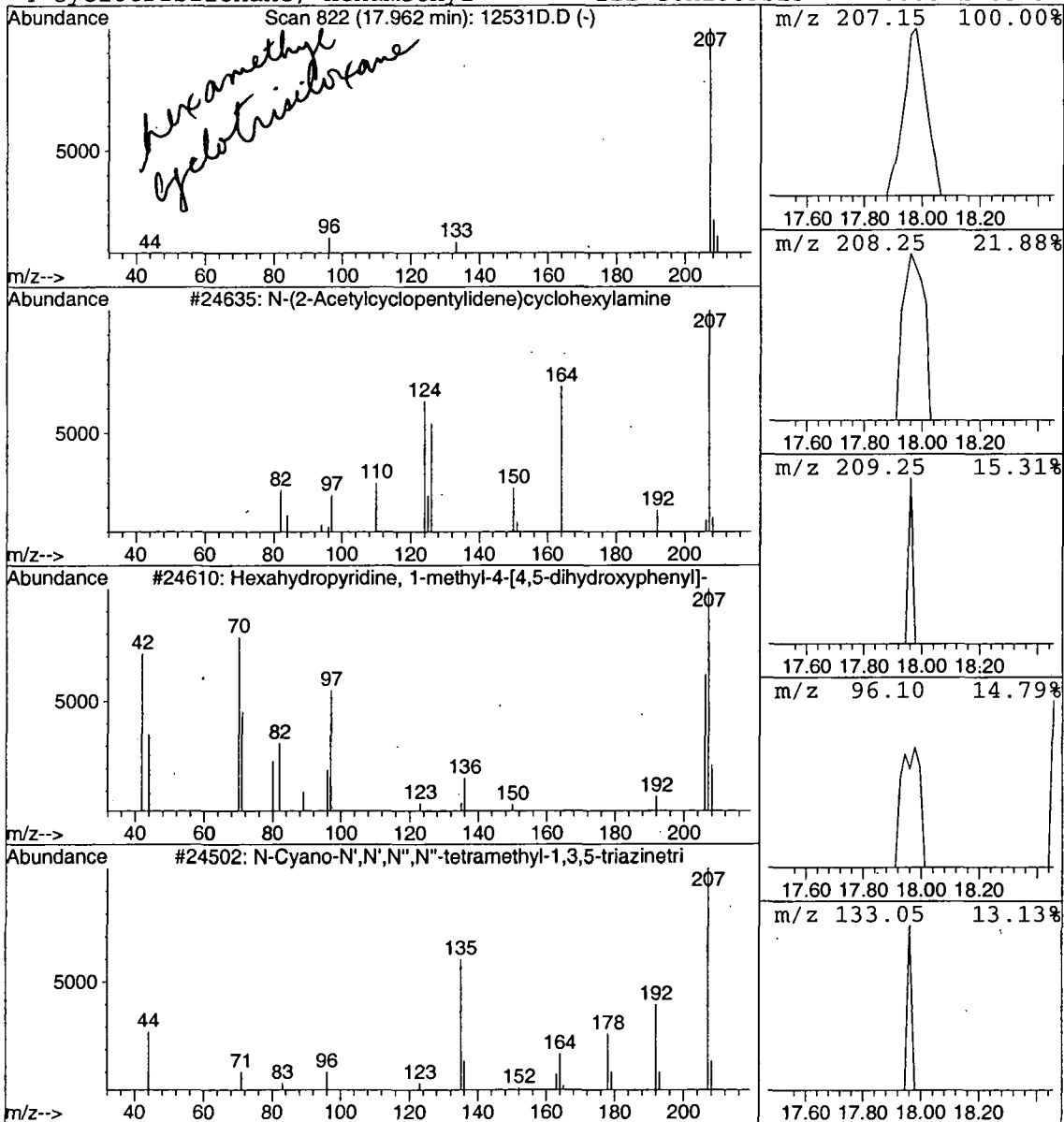
Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.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.
17.96	0.09 ug/L	44666	1,4-DIFLUOROBENZENE	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
2			Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
3			N-Cyano-N',N',N'',N'''-tetramethyl-1	207	C8H13N7	074150-88-2	9
4			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531D.D
Acq On : 24 May 2002 8:58 pm
Sample : 524; dup.
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

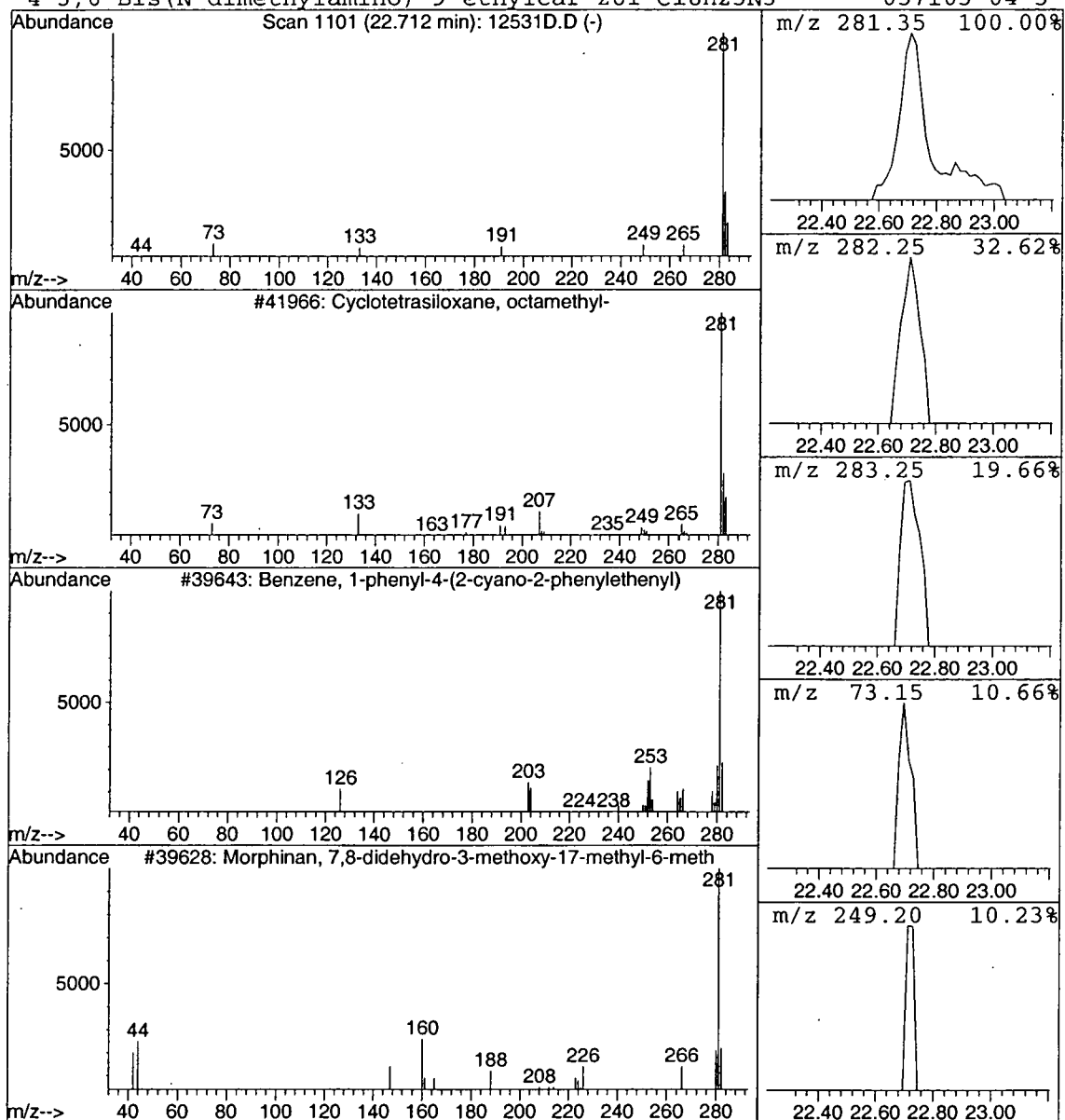
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	0.16 ug/L	87612	CHLOROBENZENE-D5	21.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2			Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
3			Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5
4			3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531D.D
 Acq On : 24 May 2002 8:58 pm
 Sample : 524; dup.
 Misc :
 MS Integration Params: LSCINT.P

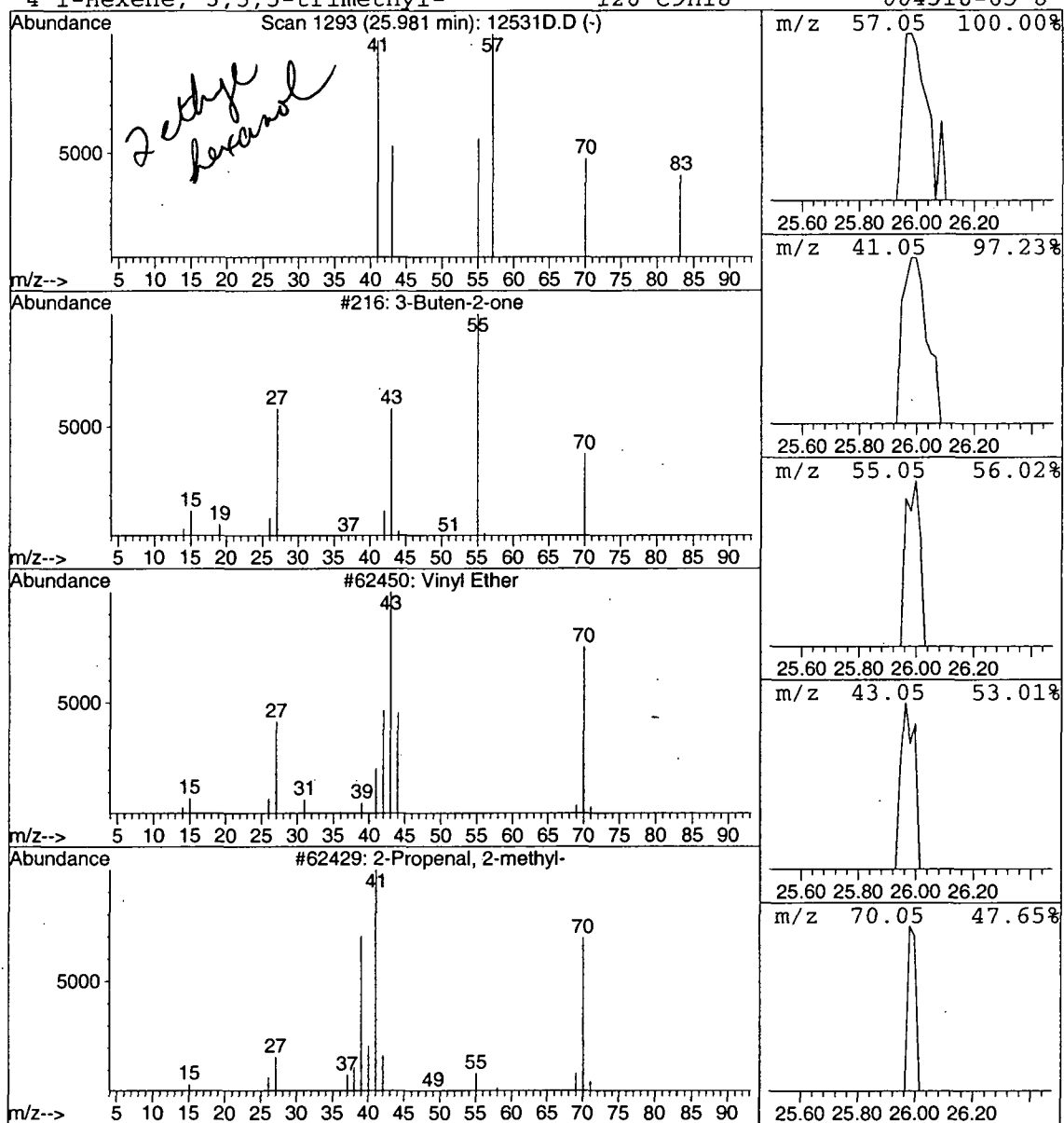
Vial: 7
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 3-Buten-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	0.07 ug/L	30711	1,4-DICHLOROBENZENE-D4	26.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one		70	C4H6O	000078-94-4	5
2	Vinyl Ether		70	C4H6O	000109-93-3	4
3	2-Propenal, 2-methyl-		70	C4H6O	000078-85-3	4
4	1-Hexene, 3,5,5-trimethyl-		126	C9H18	004316-65-8	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 11:45:22

Sample: AE12531
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 5/24/02 00:09 Ended: 5/24/02 00:09 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.2		.5
2	Surr_4-BROMOFLUOROBENZE		5.9		.5
3	Dichlorodifluoromethane		8.6		.5
4	Chloromethane		11		.5
5	Vinyl chloride		9.7		.5
6	Bromomethane		10		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		9.3		.5
9	1,1-Dichloroethene		13		.5
10	Methylene Chloride	USPEC	14		.5
11	Methyl tert-butyl ether (MTBE)		12		1.0
12	trans-1,2-dichloroethene	USPEC	14		.5
13	1,1-dichloroethane	USPEC	14		.5
14	2-butanone (MEK)		56		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		13		.5
17	Chloroform		13		.5
18	Bromochloromethane	USPEC	19		.5
19	1,2-dichloroethane	USPEC	14		.5
20	Surr_TOLUENE-DB		4.7		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		12		.5
23	Carbon tetrachloride		9.9		.5
24	Benzene		12		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		13		.5
27	Dibromomethane		11		.5
28	Bromodichloromethane		12		.5
29	Methyl iso-butyl ketone		55		1.0
30	cis-1,3-dichloropropene		12		.5
31	Toluene		12		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		12		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		13		.5
36	Dibromochloromethane		12		2.0
37	Chlorobenzene		12		.5
38	1,1,1,2-tetrachloroethane		12		.5
39	Ethylbenzene		12		.5
40	P & M-xylene		25		.5
41	O-xylene		13		.5
42	Styrene		13		.5
43	1,1,2,2-tetrachloroethane	USPEC	14		.5
44	Bromoform		13		2.0
45	Isopropylbenzene		12		.5
46	1,2,3-trichloropropane		12		.5
47	N-propylbenzene		12		.5
48	Bromobenzene		12		.5

Samples 2 MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:45:22

Sample: AE12531
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/24/02 00:09 Ended: 5/24/02 00:09 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		12		.5
50	2-chlorotoluene	USPEC	13		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		12		.5
53	1,2,4-trimethylbenzene		12		.5
54	SEC-butylbenzene		12		.5
55	P-isopropyltoluene		12		.5
56	1,3-dichlorobenzene		12		.5
57	1,4-dichlorobenzene		12		.5
58	N-butylbenzene		12		.5
59	1,2-dichlorobenzene		12		.5
60	1,2,4-trichlorobenzene		12		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		10		.5
63	1,2,3-trichlorobenzene		12		.5
64	Nitrobenzene		240		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10B.D

Vial: 7

Acq On : 24 May 2002 9:42 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: GAS6.P

Quant Time: Jun 3 11:28 2002

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Mon Jun 03 11:27:58 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1540697	5.00	ug/L	0.10
24) CHLOROBENZENE-D5	21.79	117	1529503	5.00	ug/L	0.09
52) 1,4-DICHLOROBENZENE-D4	26.97	152	790836	5.00	ug/L	0.09

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.37	65	785258	5.22	ug/L	0.10
Spiked Amount	5.000		Recovery	=	104.40%	
3) 4-BROMOFLUOROBENZENE	24.38	174	637380	5.87	ug/L	0.09
Spiked Amount	5.000		Recovery	=	117.40%	
25) TOLUENE-D8	18.49	98	1980679	4.74	ug/L	0.09
Spiked Amount	5.000		Recovery	=	94.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	498991	8.62	ug/L	99
5) CHLOROMETHANE	5.37	50	995194	10.79	ug/L	98
6) VINYL CHLORIDE	5.61	62	456103	9.74	ug/L	99
7) BROMOMETHANE	6.58	94	249022	10.16	ug/L	98
8) CHLOROETHANE	6.73	64	519566	11.28	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.29	101	800578	9.29	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	594703	12.08	ug/L	94
12) ACETONE	8.28	43	512037	37.53	ug/L	98
13) 1,1-DICHLOROETHENE	8.62	61	1434680	12.95	ug/L	98
14) METHYLENE CHLORIDE	9.62	49	1371845	13.58	ug/L	93
15) METHYL TERT BUTYL ETHER	9.93	73	930783	11.89	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.30	61	1544650	13.76	ug/L	91
17) 1,1-DICHLOROETHANE	11.19	63	1704037	14.01	ug/L	97
18) 2-BUTANONE (MEK)	12.02	43	573941	56.01	ug/L	93
19) 2,2-DICHLOROPROPANE	12.41	77	1096708	11.12	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.50	96	879557	13.33	ug/L	93
21) CHLOROFORM	12.84	83	1705120	13.11	ug/L	100
22) BROMOCHLOROMETHANE	13.21	49	770719	15.06	ug/L	87
23) 1,2-DICHLOROETHANE	14.56	62	1347763	13.86	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.72	97	1259292	10.13	ug/L	98
27) 1,1-DICHLOROPROPENE	14.05	75	1344681	11.61	ug/L	97
28) CARBON TETRACHLORIDE	14.32	117	1018011	9.95	ug/L	98
29) BENZENE	14.66	78	3053828	12.21	ug/L	100
30) TRICHLOROETHENE	15.94	95	943252	11.32	ug/L	95
31) 1,2-DICHLOROPROPANE	16.29	63	876035	12.98	ug/L	97
32) DIBROMOMETHANE	16.96	174	373205	11.41	ug/L	91
33) BROMODICHLOROMETHANE	16.80	83	1134027	11.55	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	229819	17.66	ug/L	96
35) METHYL ISO-BUTYL KETONE	17.37	58	467207	55.26	ug/L	93
36) CIS-1,3-DICHLOROPROPENE	17.89	75	1170741	12.32	ug/L	98
37) TOLUENE	18.66	91	3139497	12.30	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.93	75	843910	10.69	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.32	97	487143	12.39	ug/L	99
40) TETRACHLOROETHENE	20.11	166	857249	11.40	ug/L	99
41) 1,3-DICHLOROPROPANE	19.85	76	994735	13.03	ug/L	97
42) DIBROMOCHLOROMETHANE	20.55	129	569410	11.97	ug/L	95
43) 1,2-DIBROMOETHANE	20.99	107	489347	11.95	ug/L	100
44) CHLOROBENZENE	21.88	112	1930322	12.48	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.93	131	698613	11.70	ug/L	95
46) 2-HEXANONE	19.21	43	885313	54.71	ug/L	95
47) ETHYLBENZENE	21.91	91	3751043	12.48	ug/L	98

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

0524C10B.D HP051702.M

Mon Jun 03 11:29:54 2002

Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10B.D

Vial: 7

Acq On : 24 May 2002 9:42 pm

Operator: 201-wb

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: GAS6.P

Quant Time: Jun 3 11:28 2002

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Mon Jun 03 11:27:58 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48) P & M-XYLENE	22.07	106	2408054	24.96	ug/L	99
49) O-XYLENE	23.05	91	3027002	12.92	ug/L	98
50) STYRENE	23.10	104	1948226	13.06	ug/L	97
51) 1,1,2,2-TETRACHLOROETHANE	24.13	83	520798	13.50	ug/L	99
53) BROMOFORM	23.97	173	271314	13.34	ug/L	98
54) ISOPROPYLBENZENE	23.77	105	3203938	12.23	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.47	110	156400	12.39	ug/L	93
56) N-PROPYLBENZENE	24.64	91	4218558	12.24	ug/L	99
57) BROMOBENZENE	24.89	156	774645	12.11	ug/L	85
58) 1,3,5-TRIMETHYLBENZENE	24.96	105	2895996	12.30	ug/L	98
59) 2-CHLOROTOLUENE	25.13	91	3125710	13.01	ug/L	98
60) 4-CHLOROTOLUENE	25.20	91	2482925	10.34	ug/L	96
61) TERT-BUTYLBENZENE	25.74	119	2498449	11.95	ug/L	96
62) 1,2,4-TRIMETHYLBENZENE	25.85	105	2959473	12.18	ug/L	100
63) SEC-BUTYLBENZENE	26.20	105	3444594	11.98	ug/L	100
64) P-ISOPROPYLTOLUENE	26.46	119	2662820	11.77	ug/L	99
65) 1,3-DICHLOROBENZENE	26.83	146	1433710	11.98	ug/L	99
66) 1,4-DICHLOROBENZENE	27.04	146	1455698	12.00	ug/L	98
67) N-BUTYLBENZENE	27.34	91	2845184	12.12	ug/L	98
68) 1,2-DICHLOROBENZENE	27.91	146	1208070	12.19	ug/L	99
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.68	157	59797	12.33	ug/L	90
70) 1,2,4-TRICHLOROBENZENE	31.99	180	762745	11.64	ug/L	99
71) HEXACHLOROBUTADIENE	32.30	225	568139	11.25	ug/L	97
72) NAPHTHALENE	32.83	128	570867	10.36	ug/L	99
73) 1,2,3-TRICHLOROBENZENE	33.54	180	585182	11.62	ug/L	96
74) NITROBENZENE	29.90	77	254932	236.70	ug/L	94

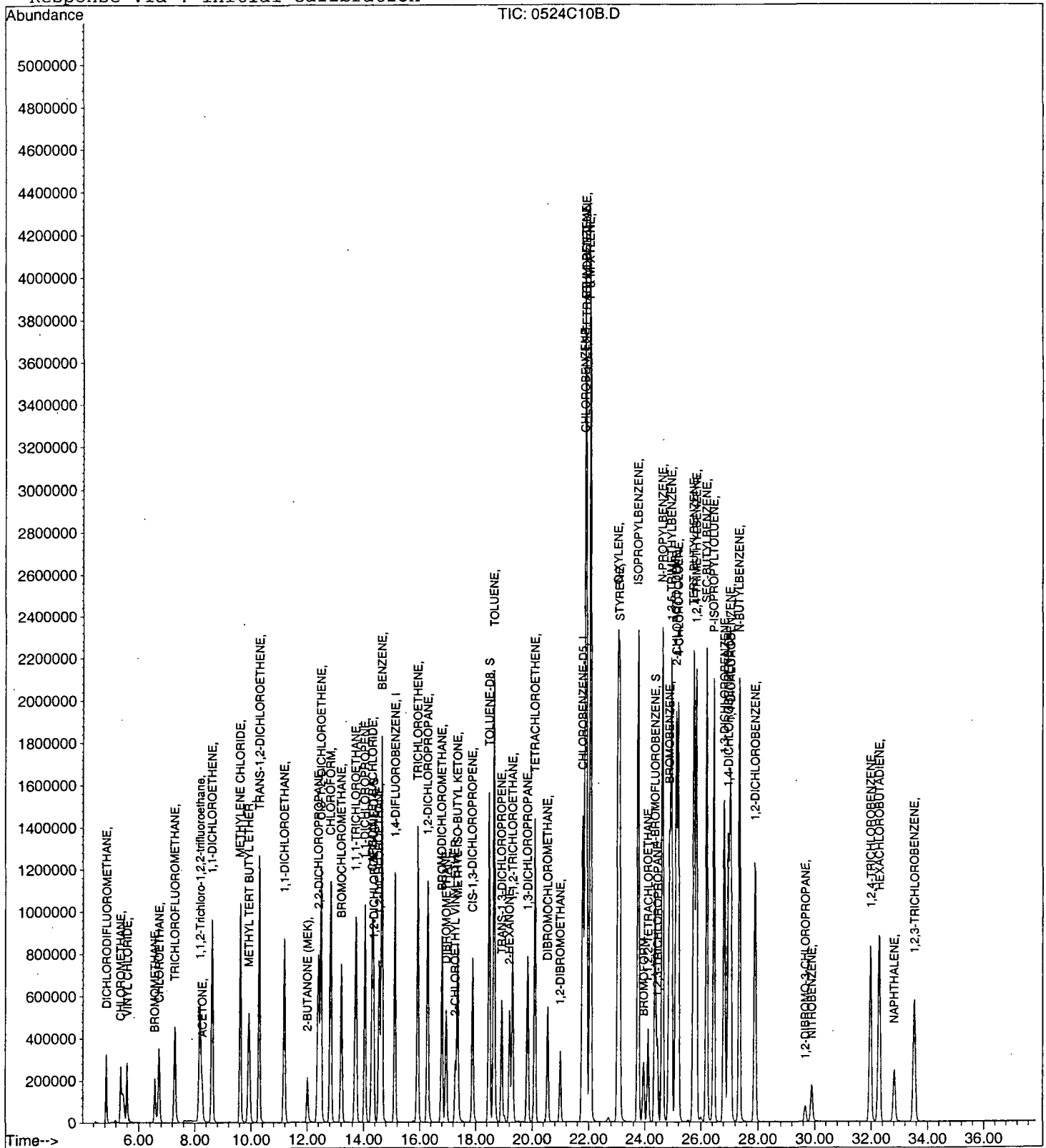
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10B.D
Acq On : 24 May 2002 9:42 pm
Sample : cal 10
Misc :
MS Integration Params: GAS6.P
Quant Time: Jun 3 11:28 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Jun 03 11:27:58 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\0524B3.D
Acq On : 24 May 2002 10:25 pm
Sample : lab blank
Misc :
MS Integration Params: GAS6.P
Quant Time: May 24 23:03 2002

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 10:09:12 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	0.00	114	0	0.00	ug/L	-15.03
24) CHLOROBENZENE-D5	0.00	117	0	0.00	ug/L	-21.71
52) 1,4-DICHLOROBENZENE-D4	26.99	152	672	5.00	ug/L	0.10
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
70) 1,2,4-TRICHLOROBENZENE	31.99	180	8980	161.22	ug/L	91
71) HEXACHLOROBUTADIENE	32.30	225	7090	165.16	ug/L	88
73) 1,2,3-TRICHLOROBENZENE	33.54	180	13300	310.91	ug/L	97

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\0524B3.D

Vial: 1

Acq On : 24 May 2002 10:25 pm

Operator: 201-wb

Sample : lab blank

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: GAS6.P

Quant Time: May 24 23:03 2002

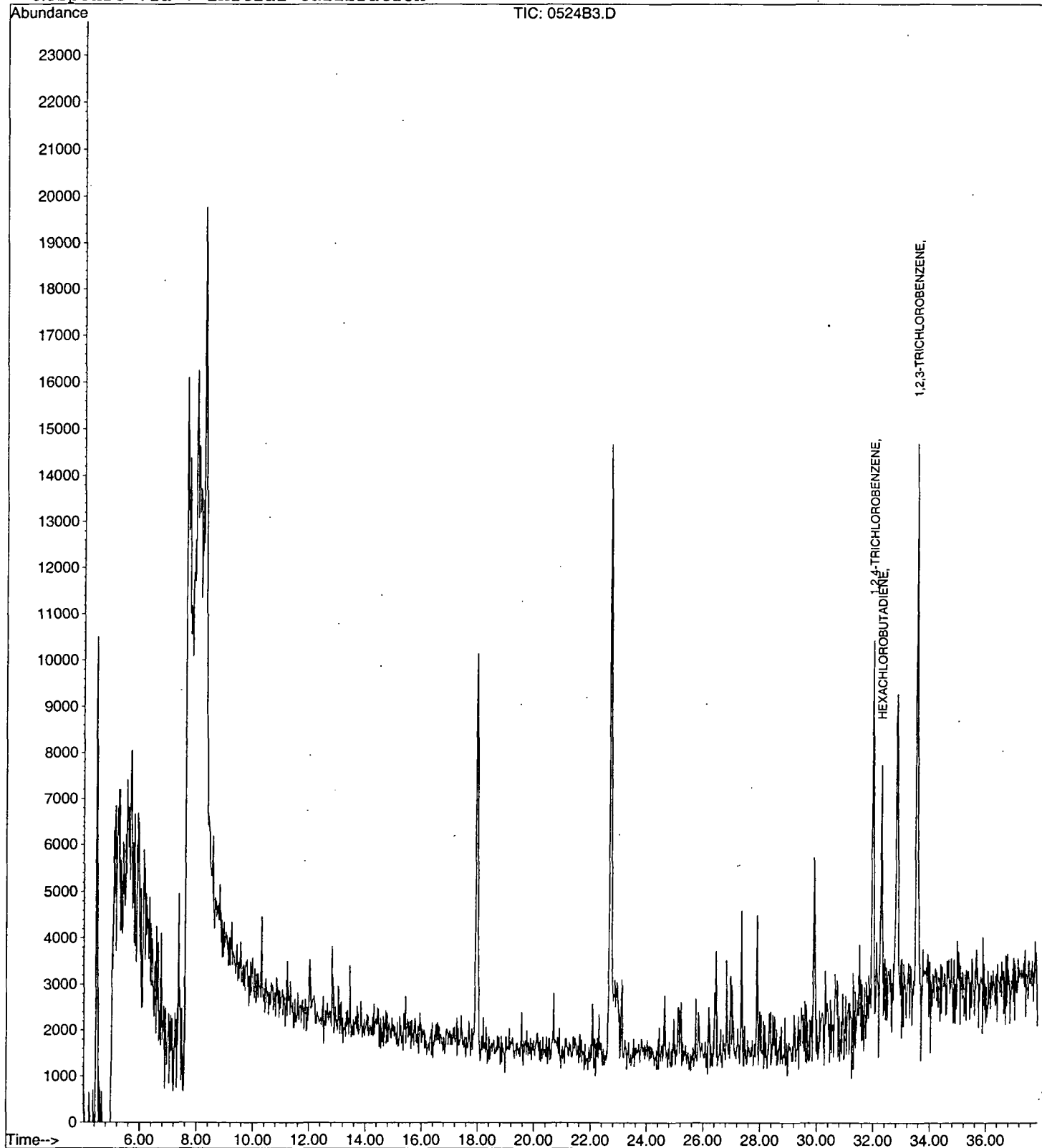
Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 09:09:18 2002

Response via : Initial Calibration



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 16:43:58

Sample: AE12536
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 5/24/2002 00:01 Ended: 5/24/2002 00:01 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol:	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.1	0.5
2	Surr - 4-BROMOFLUOROBENZENE		5.1	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		4.8	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

REVIEWED BY	<i>[Signature]</i>
DATE	5/31/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 16:43:58

Sample: AE12536
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/24/2002 00:01 Ended: 5/24/2002 00:01 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		0.13-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

Comments for Sample AE12536 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:27:54

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12536.D

Vial: 2

Acq On : 24 May 2002 11:08 pm

Operator: 201-wb

Sample : 524

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: GAS6.P

Quant Time: May 24 23:46 2002

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 10:09:12 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1523143	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.79	117	1431991	5.00	ug/L	0.09
52) 1,4-DICHLOROBENZENE-D4	26.97	152	655206	5.00	ug/L	0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	765478	5.15	ug/L	0.09
Spiked Amount	5.000		Recovery	=	103.00%	
3) 4-BROMOFLUOROBENZENE	24.38	174	545895	5.08	ug/L	0.09
Spiked Amount	5.000		Recovery	=	101.60%	
25) TOLUENE-D8	18.49	98	1890677	4.83	ug/L	0.09
Spiked Amount	5.000		Recovery	=	96.60%	
Target Compounds						
12) ACETONE	8.28	43	13112	0.97	ug/L	95
14) METHYLENE CHLORIDE	9.62	49	6732	0.07	ug/L	81
18) 2-BUTANONE (MEK)	12.02	43	2351	0.23	ug/L	54
65) 1,3-DICHLOROBENZENE	27.04	146	13189	0.13	ug/L	96
66) 1,4-DICHLOROBENZENE	27.04	146	13189	0.13	ug/L	94

(#) = qualifier out of range (m) = manual integration
12536.D HP051702.M Fri May 24 23:47:06 2002

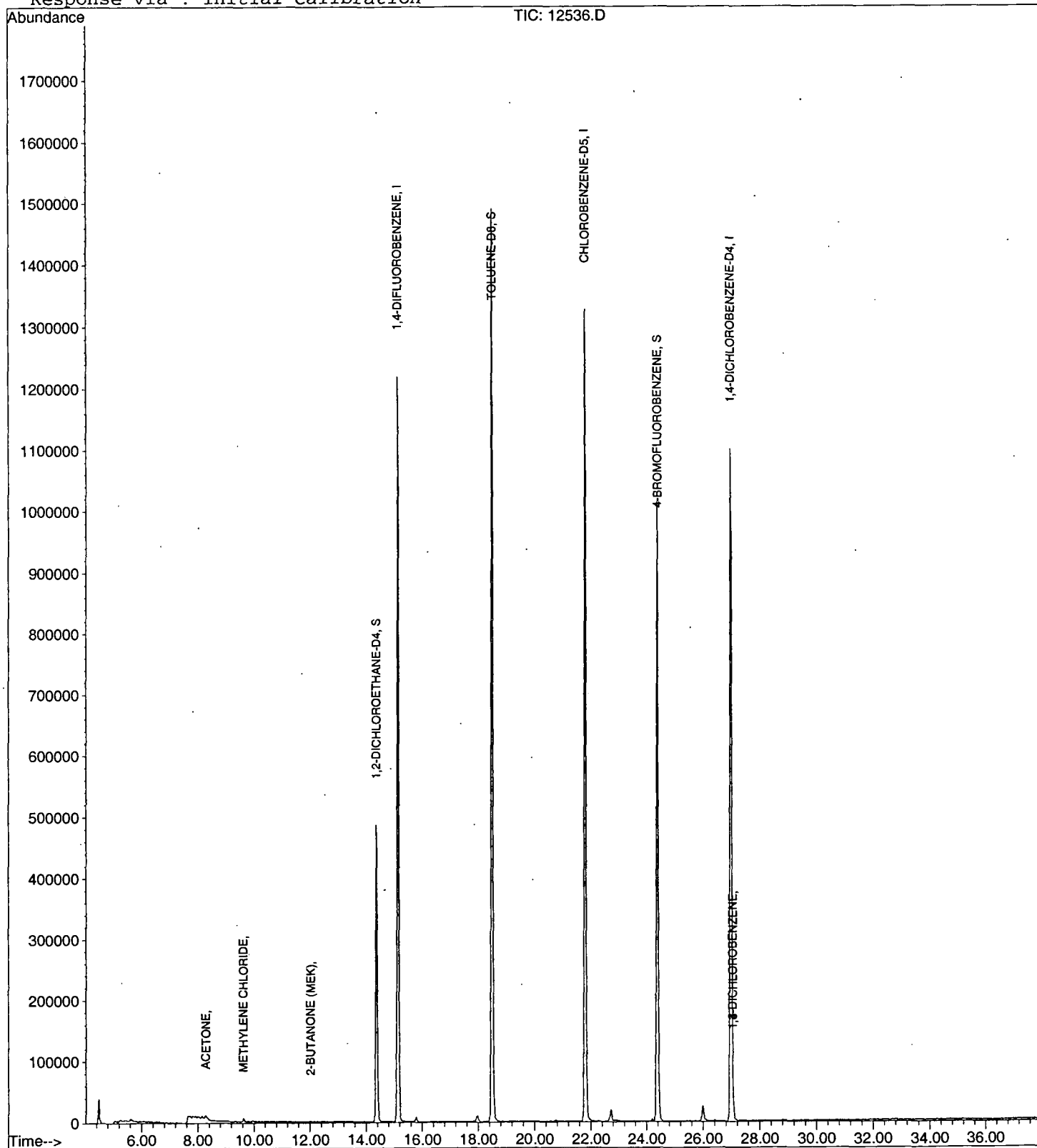
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12536.D
Acq On : 24 May 2002 11:08 pm
Sample : 524
Misc :
MS Integration Params: GAS6.P
Quant Time: May 24 23:46 2002

Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12536.D

Acq On : 24 May 2002 11:08 pm

Sample : 524

Misc :

MS Integration Params: LSCINT.P

Vial: 2

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

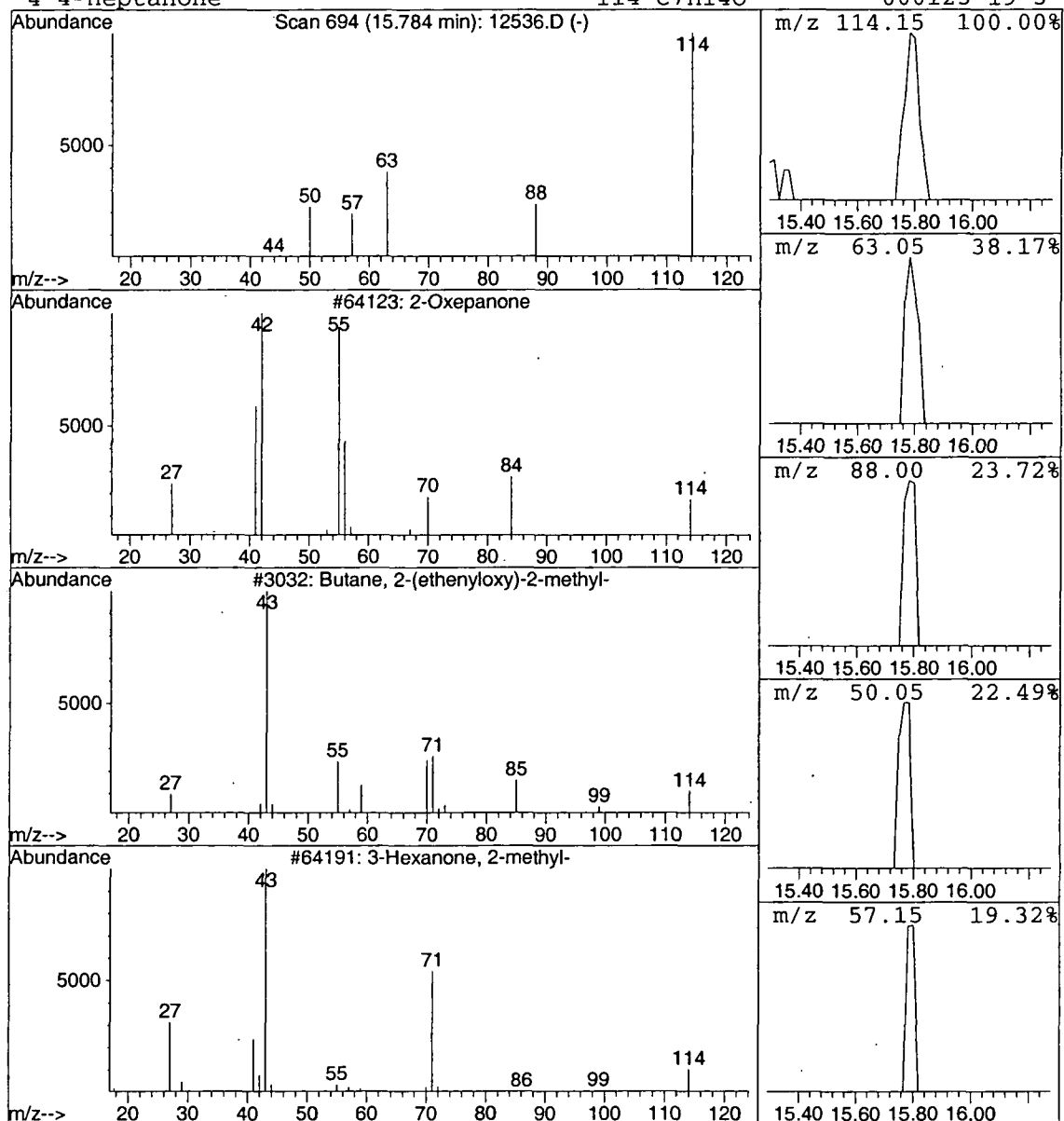
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Oxepanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	27440	1,4-DIFLUOROBENZENE	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Oxepanone	114	C6H10O2	000502-44-3	3
2			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4			4-Heptanone	114	C7H14O	000123-19-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12536.D
 Acq On : 24 May 2002 11:08 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

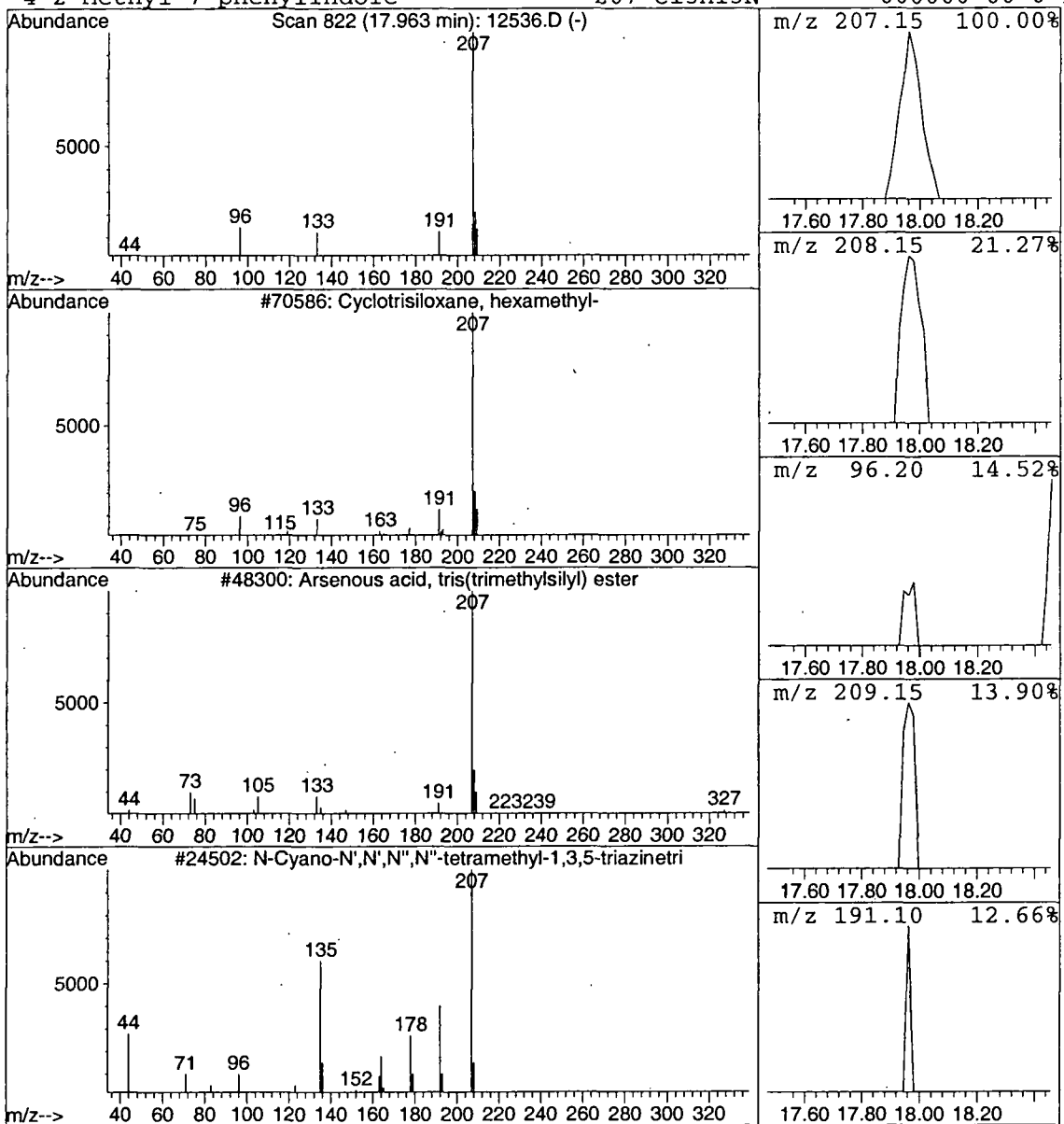
Vial: 2
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	0.05 ug/L	47099	1,4-DIFLUOROBENZENE	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	74
2			Arsenous acid, tris(trimethylsilyl)	342	C9H27AsO3Si3	055429-29-3	64
3			N-Cyano-N',N',N'',N'''-tetramethyl-1	207	C8H13N7	074150-88-2	9
4			2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12536.D
Acq On : 24 May 2002 11:08 pm
Sample : 524
Misc :
MS Integration Params: LSCINT.P

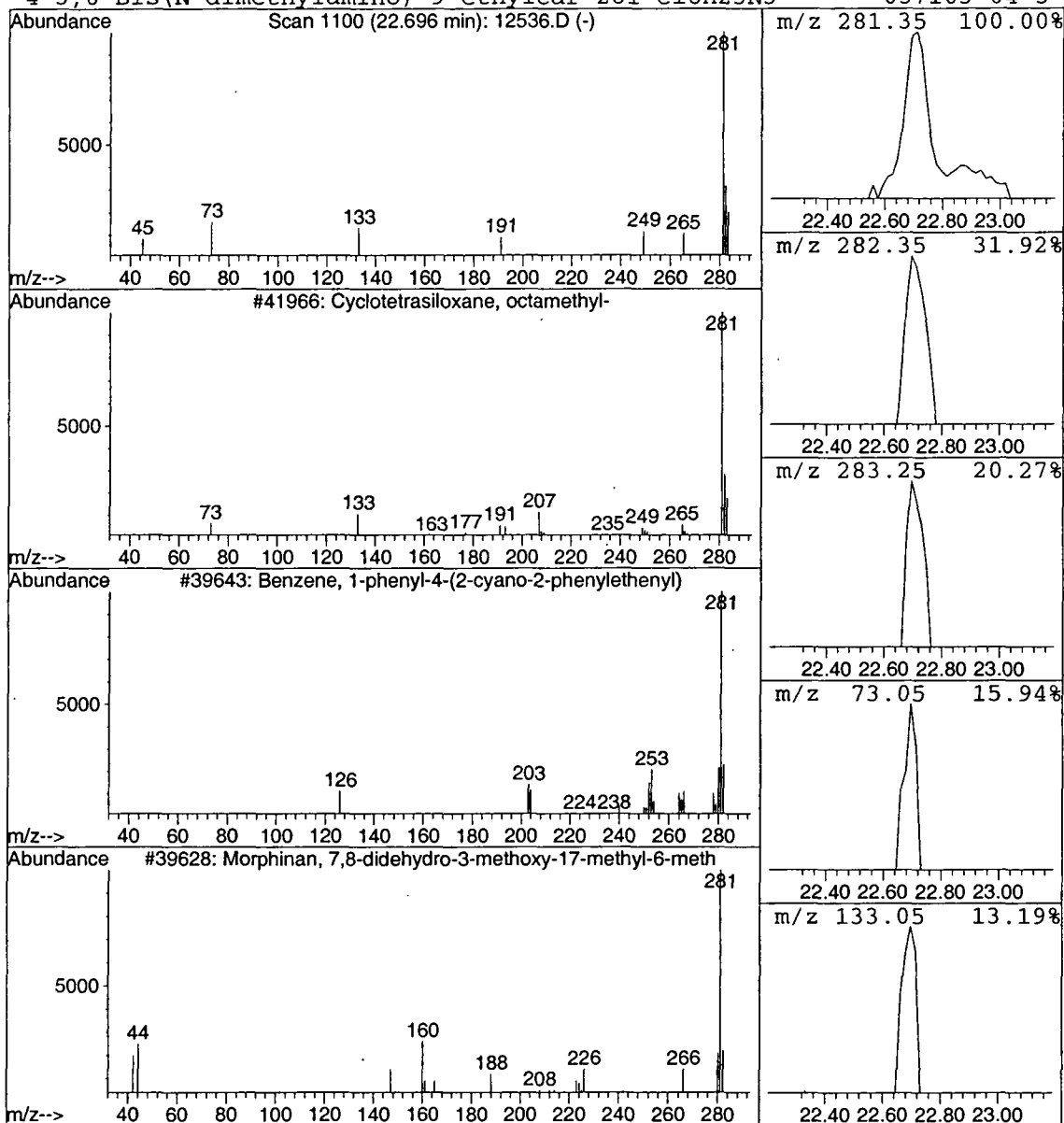
Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	0.09 ug/L	94209	CHLORO BENZENE-D5	21.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
2			Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
3			Morphinan, 7,8-didehydro-3-methoxy-	281	C19H23NO	001816-06-4	5
4			3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12536.D
Acq On : 24 May 2002 11:08 pm
Sample : 524
Misc :
MS Integration Params: LSCINT.P

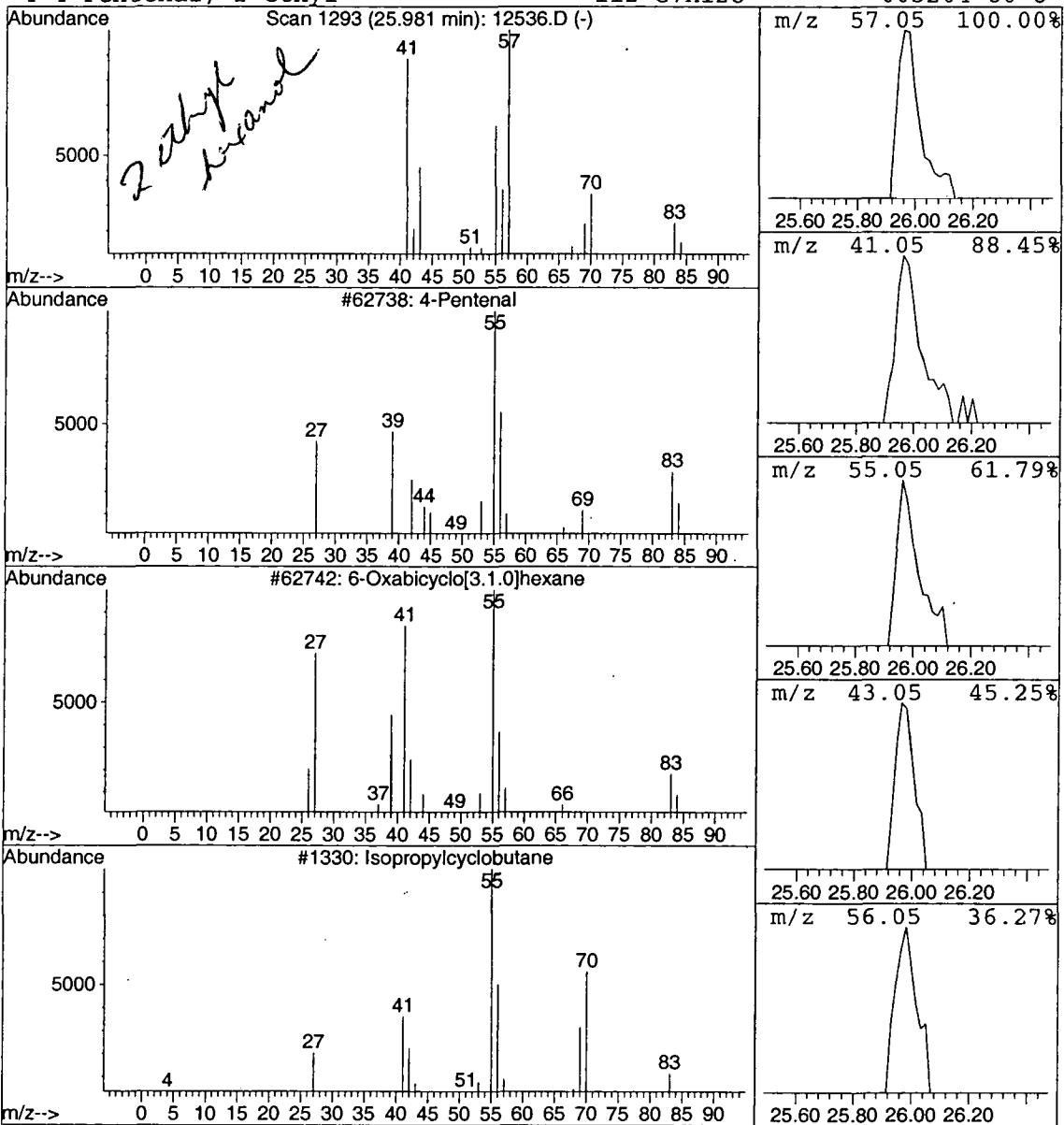
Vial: 2
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 4 4-Pentenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	0.14 ug/L	123487	1,4-DICHLOROBENZENE-D4	26.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Pentenal	84	C5H8O	002100-17-6	50
2			6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	32
3			Isopropylcyclobutane	98	C7H14	000872-56-0	28
4			4-Pentenal, 2-ethyl-	112	C7H12O	005204-80-8	28



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 10:25:07

Sample: AE12537
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 5/24/02 00:01 Ended: 5/24/02 00:01 Analyst: BH
 Result source: a:\12537.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	0.5
2	Surr - 4-BROMOFLUOROBENZ		5.0	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		4.9	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 AY
 DATE 5/31/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:25:07

Sample: AE12537
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/24/02 00:01 Ended: 5/24/02 00:01 Analyst: BH
Result source: a:\12537.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

Comments for Sample AE12537 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:28:00

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12537.D

Acq On : 24 May 2002 11:51 pm

Sample : 524

Misc :

MS Integration Params: GAS6.P

Quant Time: May 25 0:30 2002

Vial: 3

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 10:09:12 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1481995	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.79	117	1392053	5.00	ug/L	0.08
52) 1,4-DICHLOROBENZENE-D4	26.97	152	629332	5.00	ug/L	0.08
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	745799	5.15	ug/L	0.08
Spiked Amount 5.000			Recovery	=	103.00%	
3) 4-BROMOFLUOROBENZENE	24.38	174	524492	5.02	ug/L	0.08
Spiked Amount 5.000			Recovery	=	100.40%	
25) TOLUENE-D8	18.49	98	1852272	4.87	ug/L	0.08
Spiked Amount 5.000			Recovery	=	97.40%	
Target Compounds						
12) ACETONE	8.28	43	21565	1.64	ug/L	Qvalue 94
18) 2-BUTANONE (MEK)	12.02	43	4521	0.46	ug/L	54

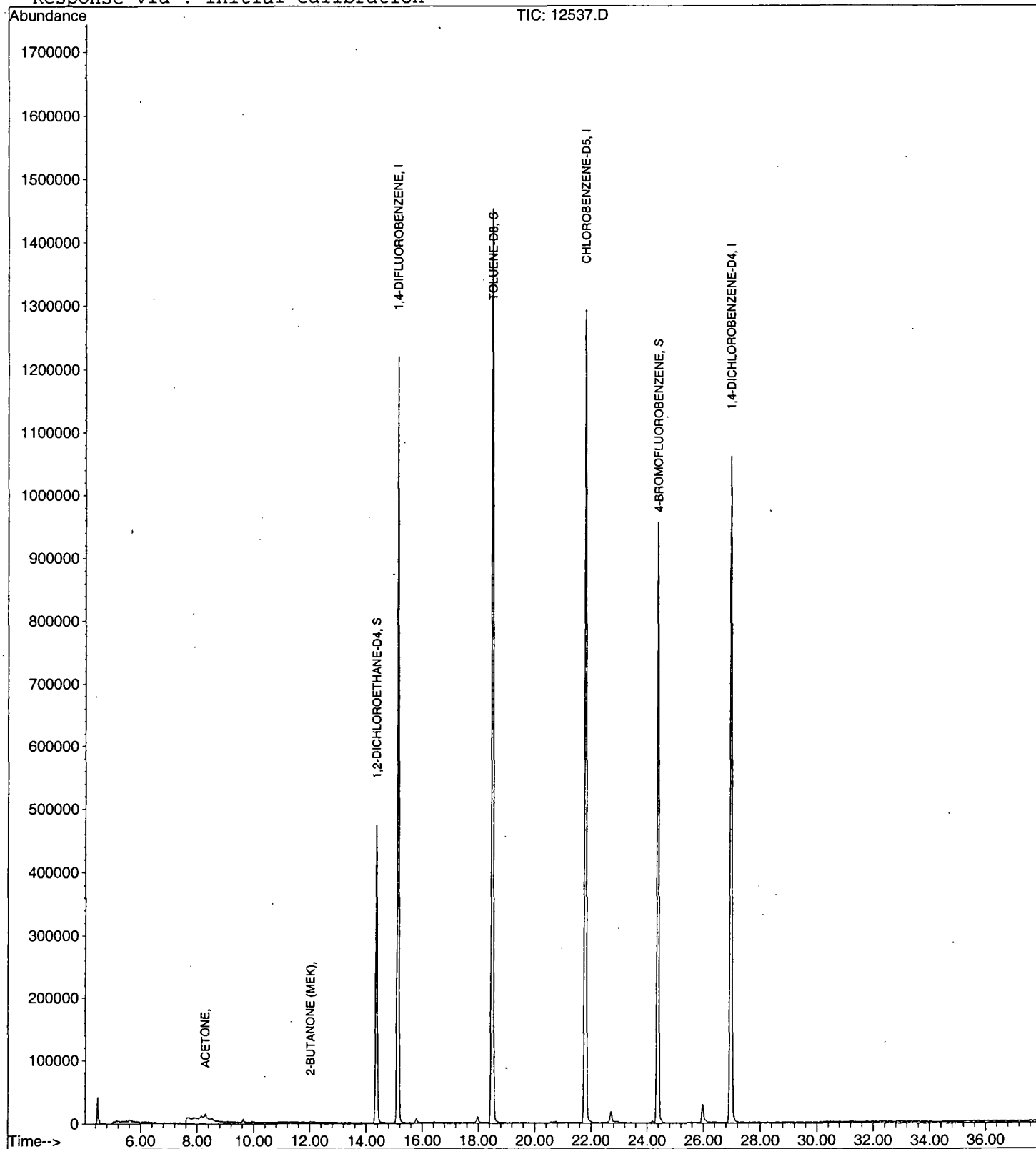
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12537.D
Acq On : 24 May 2002 11:51 pm
Sample : 524
Misc :
MS Integration Params: GAS6.P
Quant Time: May 25 0:30 2002

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12537.D

Acq On : 24 May 2002 11:51 pm

Sample : 524.

Misc :

MS Integration Params: LSCINT.P

Vial: 3

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

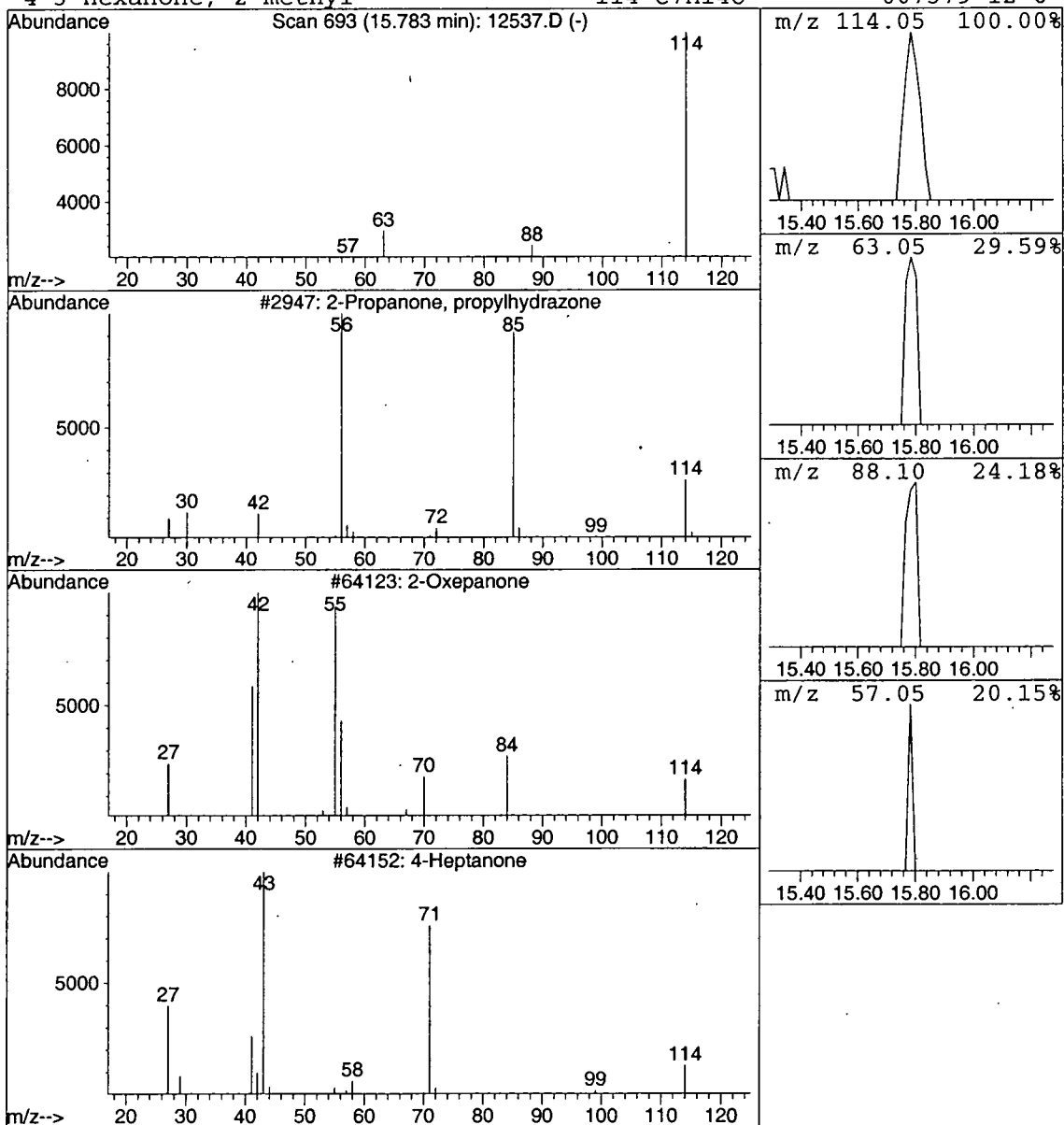
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Propanone, propylhydrazone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	22701	1,4-DIFLUOROBENZENE	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, propylhydrazone	114	C6H14N2	007423-00-9	4
2			2-Oxepanone	114	C6H10O2	000502-44-3	3
3			4-Heptanone	114	C7H14O	000123-19-3	3
4			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12537.D
 Acq On : 24 May 2002 11:51 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

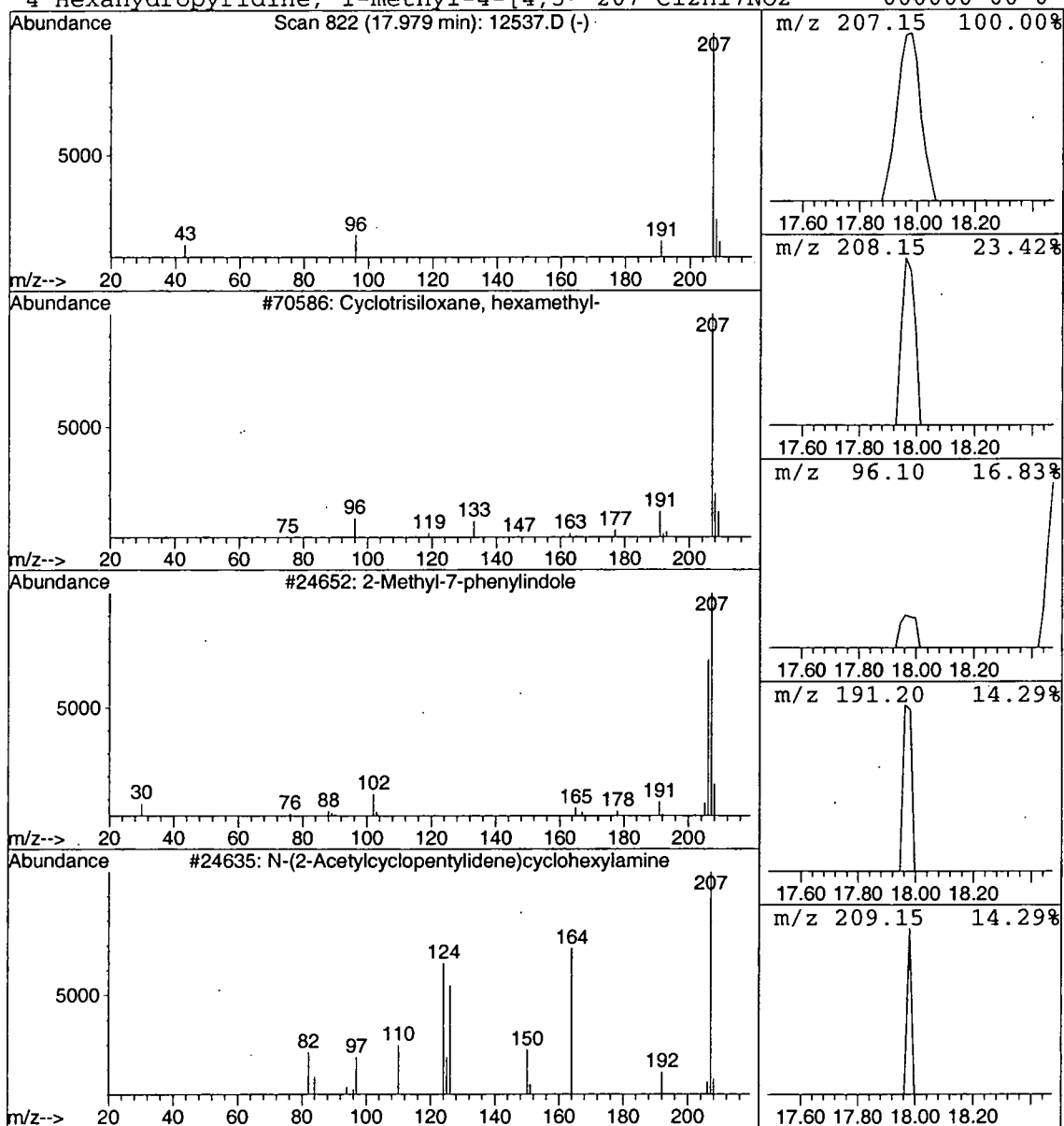
Vial: 3
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	0.05 ug/L	46154	1,4-DIFLUOROBENZENE	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
2			2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
3			N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
4			Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12537.D
 Acq On : 24 May 2002 11:51 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

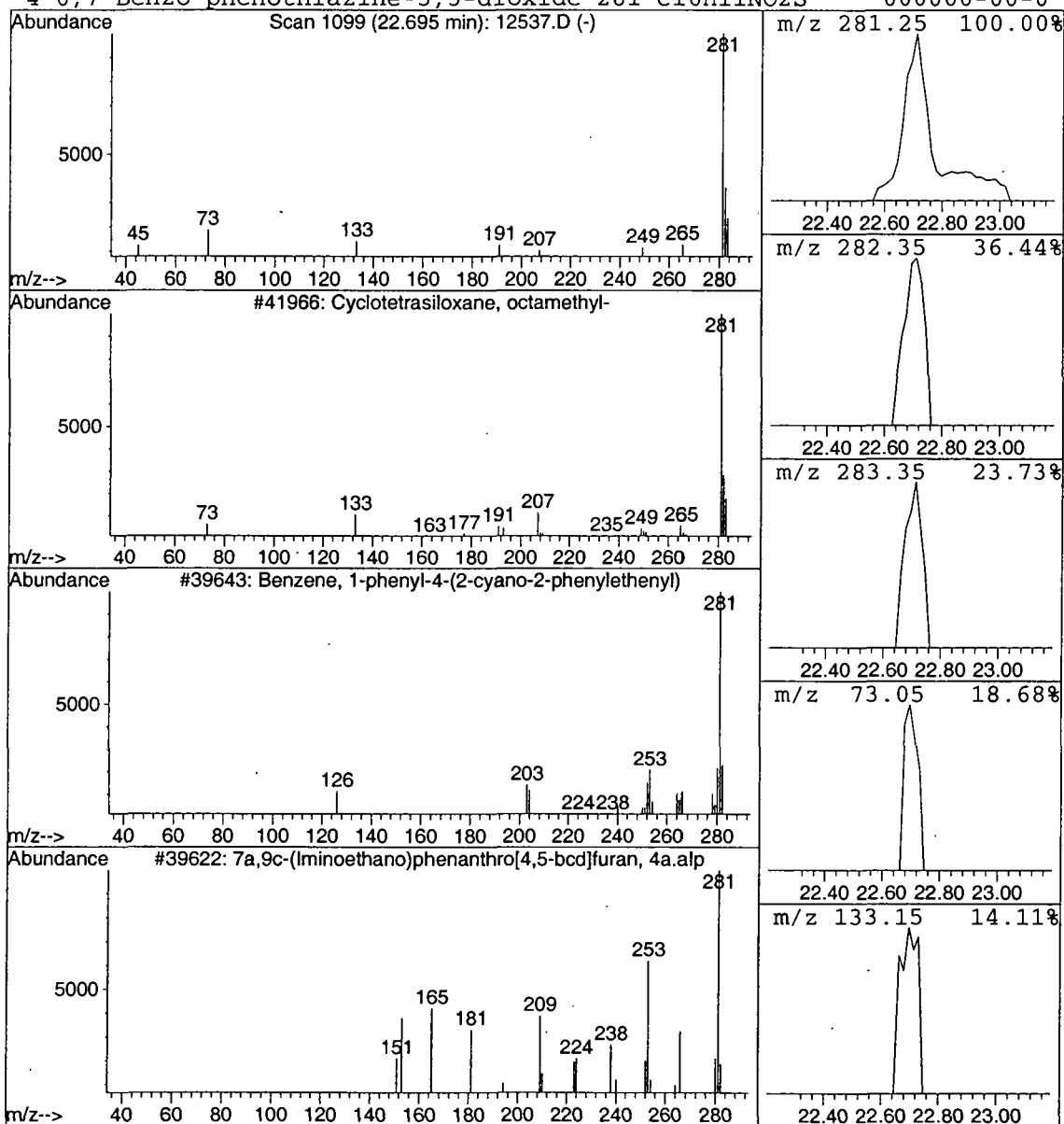
Vial: 3
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	0.07 ug/L	71935	CHLOROBENZENE-D5	21.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2			Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	4
3			7a,9c-(Iminoethano)phenanthro[4,5-b	281	C18H19NO2	024695-70-3	4
4			6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	3



Library Search Compound Report

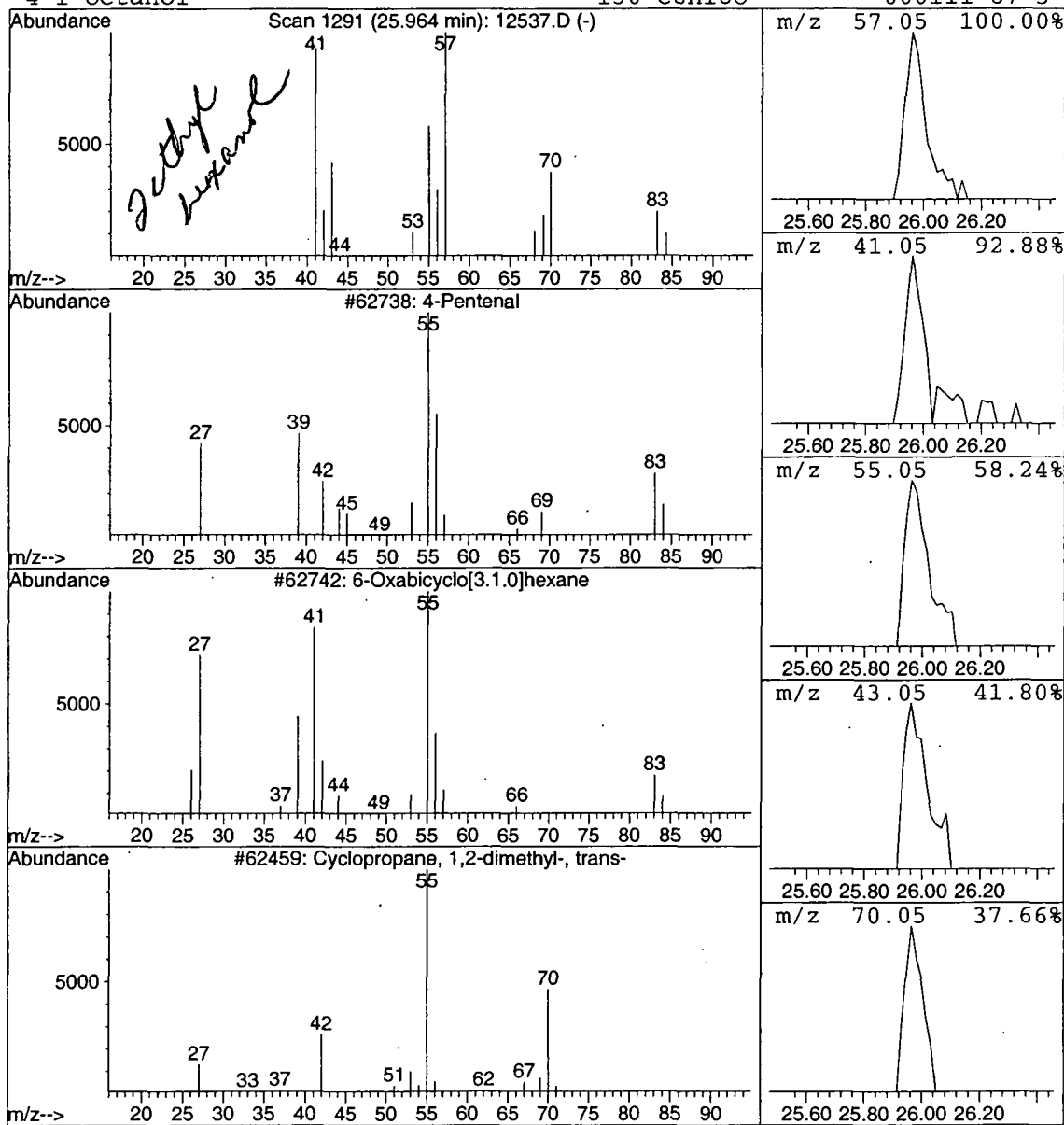
Data File : C:\HPCHEM\1\DATA\02may24\12537.D
 Acq On : 24 May 2002 11:51 pm
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

Vial: 3
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 4-Pentenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.96	0.18 ug/L	151724	1,4-DICHLOROBENZENE-D4	26.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenal	84	C5H8O	002100-17-6	49
2	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	38
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	12
4	1-Octanol	130	C8H18O	000111-87-5	12



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 10:25:29

Sample: AE12538
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 5/25/02 00:02 Ended: 5/25/02 00:02 Analyst: BH
 Result source: a:\12538.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE		5.1	0.5
2	Surr - 4-BROMOFLUOROBENZ		5.1	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-DB		4.9	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 5/31/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:25:29

Sample: AE12538
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/25/02 00:02 Ended: 5/25/02 00:02 Analyst: BH
Result source: a:\12538.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

Comments for Sample AE12538 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:28:11

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12538.D

Acq On : 25 May 2002 12:35 am

Sample : 524

Misc :

MS Integration Params: GAS6.P

Quant Time: May 25 1:13 2002

Vial: 4

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 10:09:12 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1504001	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.78	117	1410910	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	642463	5.00	ug/L	0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	755946	5.15	ug/L	0.09
Spiked Amount	5.000		Recovery	=	103.00%	
3) 4-BROMOFLUOROBENZENE	24.36	174	538668	5.08	ug/L	0.07
Spiked Amount	5.000		Recovery	=	101.60%	
25) TOLUENE-D8	18.47	98	1874387	4.86	ug/L	0.07
Spiked Amount	5.000		Recovery	=	97.20%	
Target Compounds						
12) ACETONE	8.28	43	15085	1.13	ug/L	Qvalue 93

(#) = qualifier out of range (m) = manual integration
12538.D HP051702.M Sat May 25 01:13:36 2002

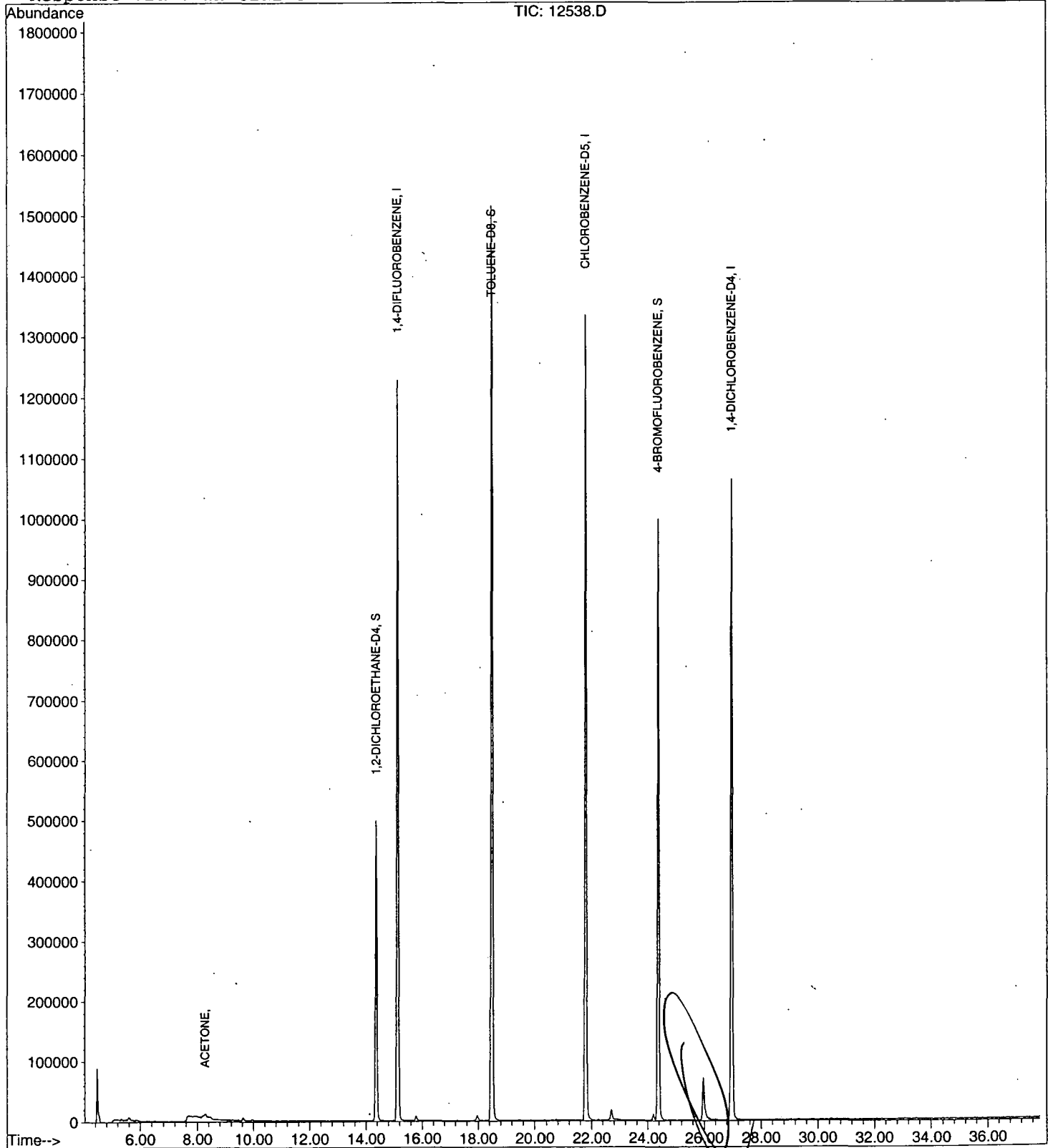
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12538.D
Acq On : 25 May 2002 12:35 am
Sample : 524
Misc :
MS Integration Params: GAS6.P
Quant Time: May 25 1:13 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12538.D

Acq On : 25 May 2002 12:35 am

Sample : 524

Misc :

MS Integration Params: LSCINT.P

Vial: 4

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

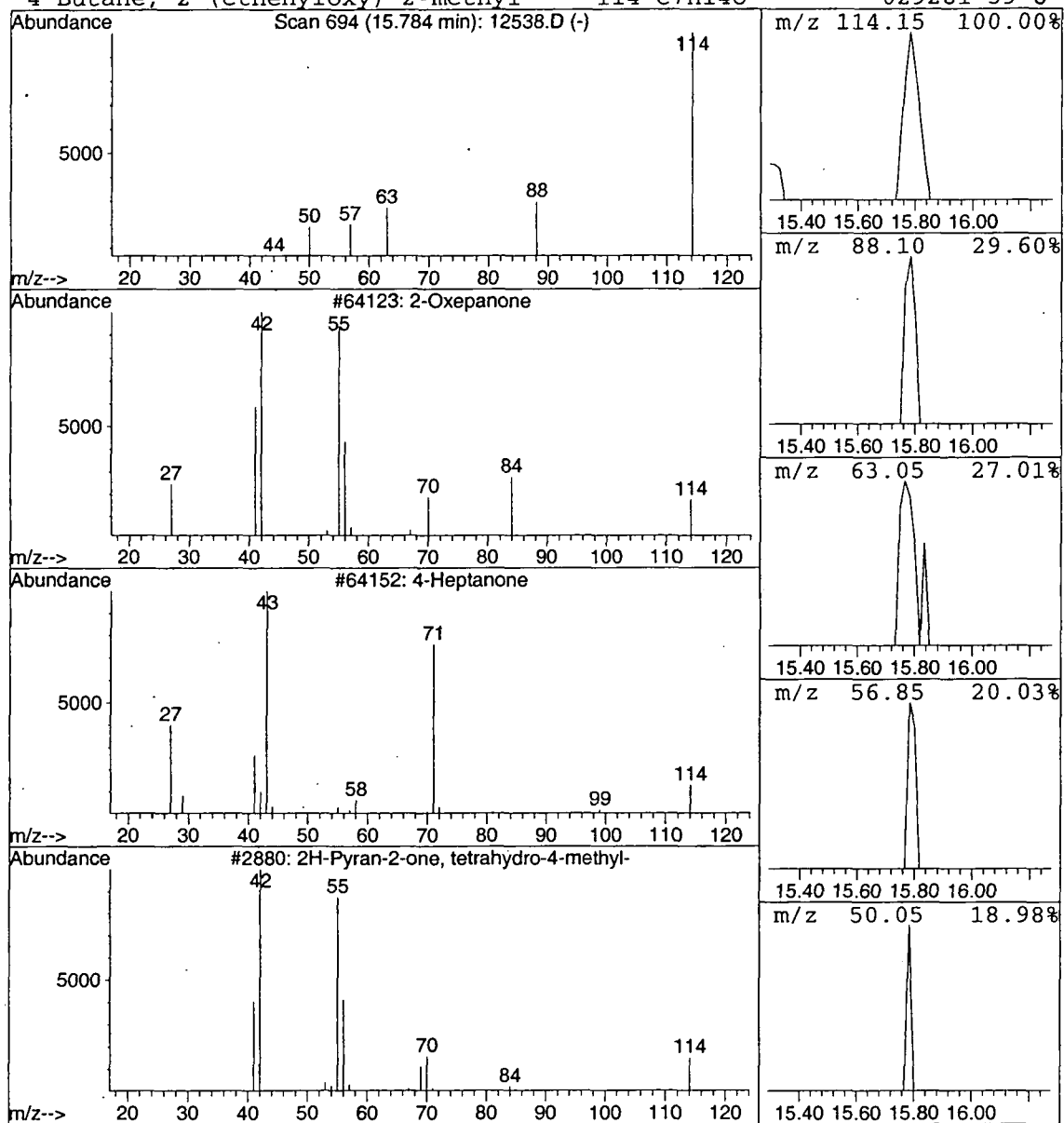
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Oxepanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	28073	1,4-DIFLUOROBENZENE	15.12

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			2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
4			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



Library Search Compound Report

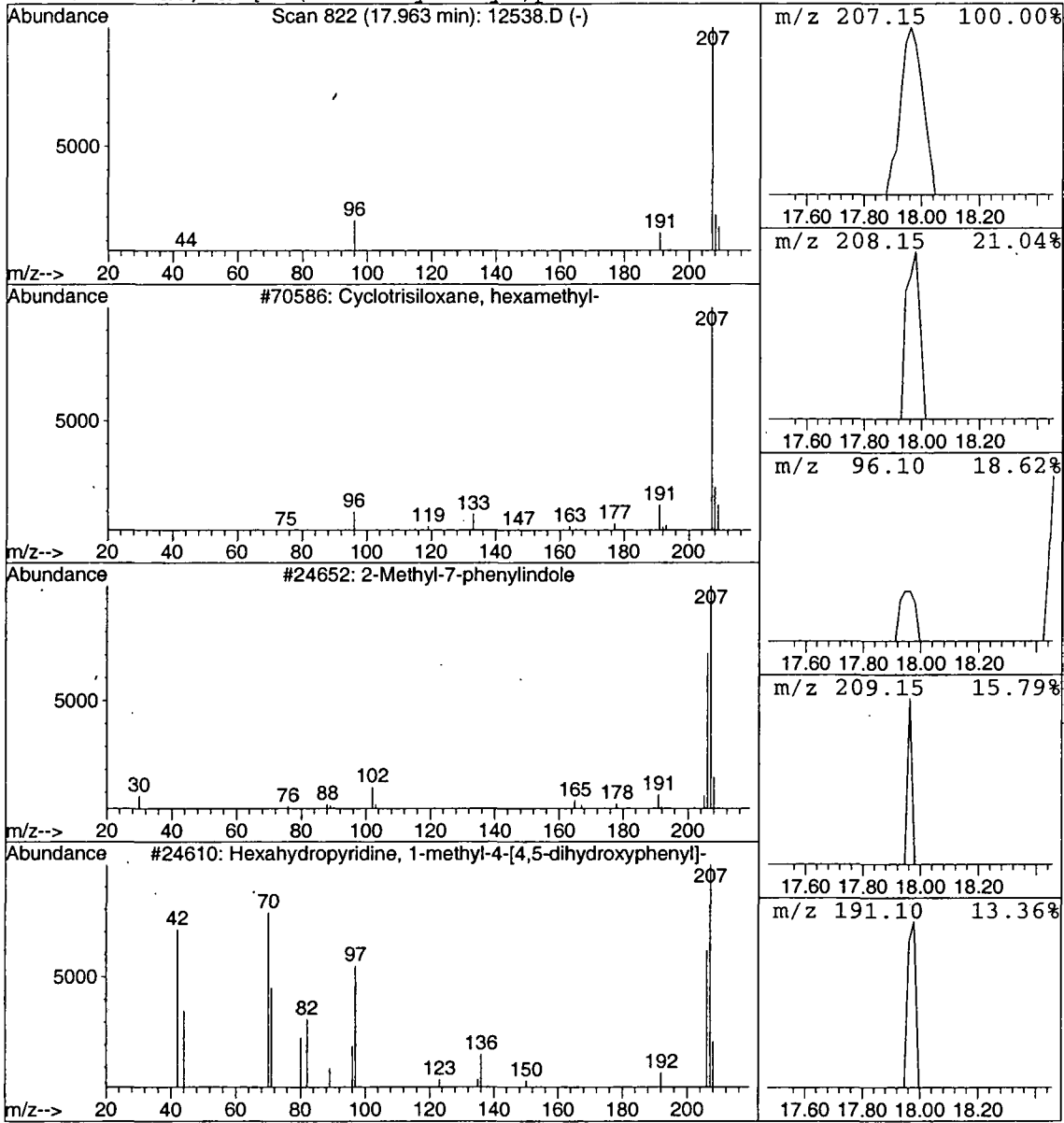
Data File : C:\HPCHEM\1\DATA\02may24\12538.D
 Acq On : 25 May 2002 12:35 am
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

Vial: 4
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.96	0.05 ug/L	39756	1,4-DIFLUOROBENZENE		15.12	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
2		2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
3		Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9
4		Acetamide, N-[4-(trimethylsilyl)phe	207	C11H17NOSi	017983-71-0	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12538.D
 Acq On : 25 May 2002 12:35 am
 Sample : 524
 Misc :
 MS Integration Params: LSCINT.P

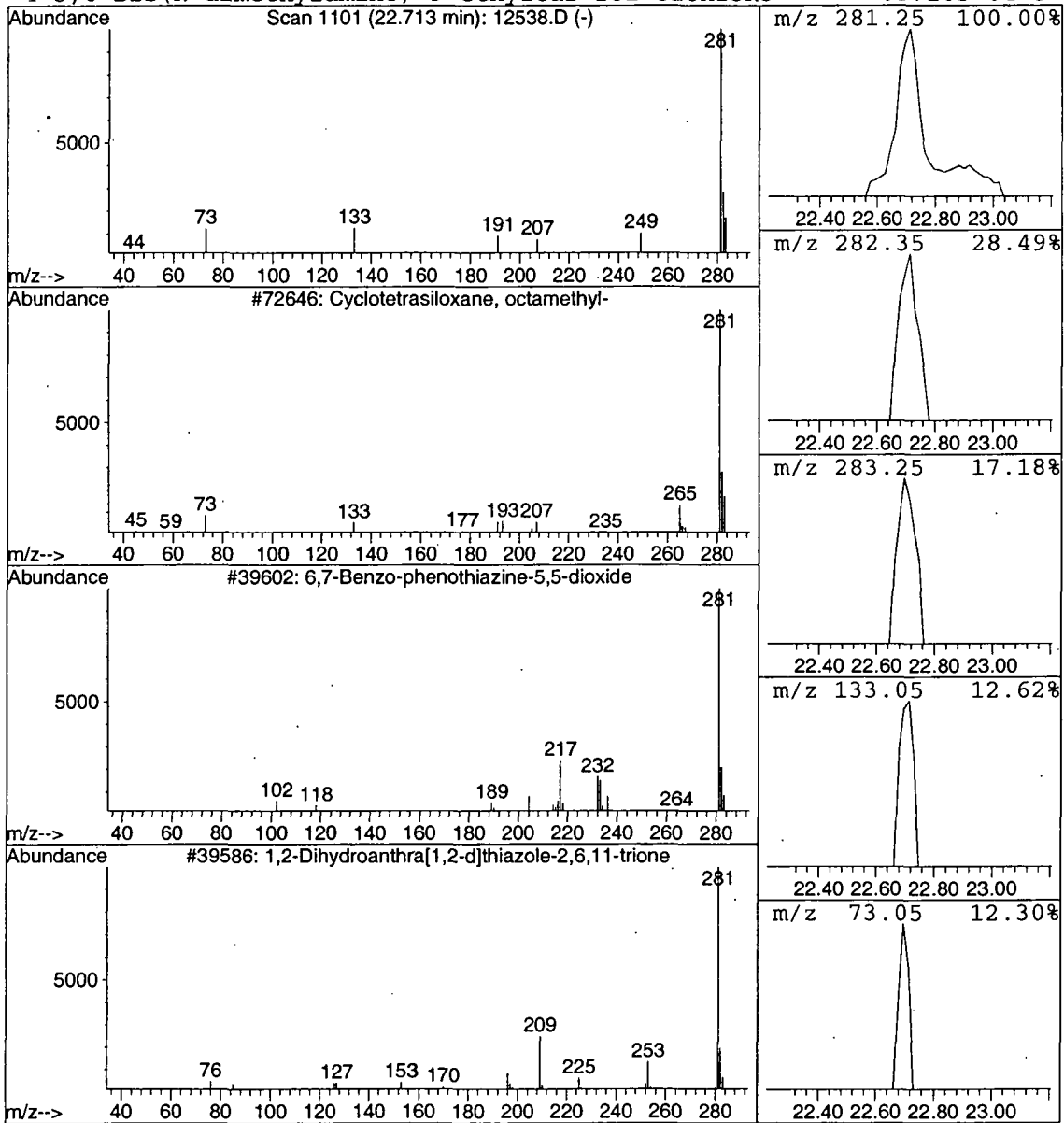
Vial: 4
 Operator: 201-wb
 Inst : GC/MS Ins.
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	0.08 ug/L	85893	CHLOROBENZENE-D5	21.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2			6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3			1,2-Dihydroanthra[1,2-d]thiazole-2,	281	C15H7NO3S	000000-00-0	5
4			3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12538.D
Acq On : 25 May 2002 12:35 am
Sample : 524
Misc :
MS Integration Params: LSCINT.P

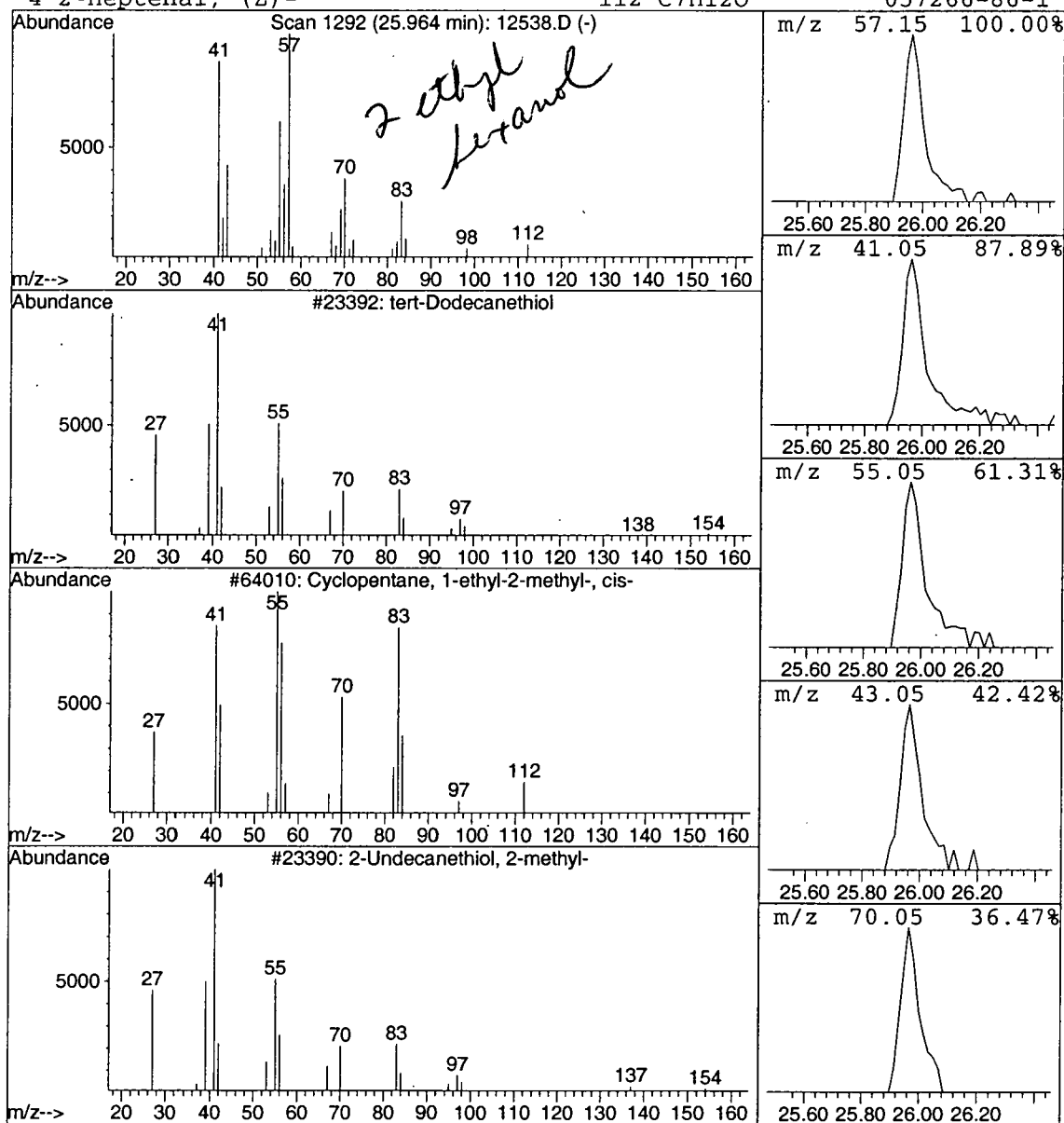
Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 5 tert-Dodecanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.96	0.39 ug/L	348687	1,4-DICHLORO BENZENE-D4	26.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Dodecanethiol	202	C12H26S	025103-58-6	50
2	Cyclopentane, 1-ethyl-2-methyl-, ci	112	C8H16	000930-89-2	50
3	2-Undecanethiol, 2-methyl-	202	C12H26S	010059-13-9	50
4	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	49



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 10:26:03

Sample: AE12531
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 5/25/02 00:01 Ended: 5/25/02 00:01 Analyst: BH
 Result source: a:\12531f.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.3	.5
2	Surr_4-BROMOFLUOROBENZE		5.0	.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	Chloroform		< MRL	.5
18	Bromochloromethane		< MRL	.5
19	1,2-dichloroethane		< MRL	.5
20	Surr_TOLUENE-D8		4.9	.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	Bromodichloromethane		< MRL	.5
29	Methy 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	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	Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	.5
46	1,2,3-trichloropropane		< MRL	.5
47	N-propylbenzene		< MRL	.5
48	Bromobenzene		< MRL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:26:03

Sample: AE12531
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/25/02 00:01 Ended: 5/25/02 00:01 Analyst: BH
Result source: a:\12531f.rr
Page: 2

	Component Name	Viol	Result	MDL
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		< MRL	.5
58	N-butylbenzene		< MRL	.5
59	1,2-dichlorobenzene		< MRL	.5
60	1,2,4-trichlorobenzene		< MRL	.5
61*	Hexachlobutadiene		< MRL	.5
62	Naphthalene		< MRL	.5
63	1,2,3-trichlorobenzene		< MRL	.5

Comments for Sample AE12531 - Analysis \$F_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:29:26

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12531F.D
Acq On : 25 May 2002 1:17 am
Sample : 524; fb
Misc :
MS Integration Params: GAS6.P
Quant Time: May 25 1:55 2002

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 10:09:12 2002
Response via : Initial Calibration
DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1472565	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.79	117	1377699	5.00	ug/L	0.08
52) 1,4-DICHLOROBENZENE-D4	26.97	152	613881	5.00	ug/L	0.08
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	759457	5.28	ug/L	0.08
Spiked Amount 5.000			Recovery	=	105.60%	
3) 4-BROMOFLUOROBENZENE	24.36	174	523101	5.04	ug/L	0.07
Spiked Amount 5.000			Recovery	=	100.80%	
25) TOLUENE-D8	18.49	98	1840286	4.89	ug/L	0.08
Spiked Amount 5.000			Recovery	=	97.80%	
Target Compounds						
12) ACETONE	8.26	43	40391	3.10	ug/L	98
14) METHYLENE CHLORIDE 47	9.62	49	45563	0.47	ug/L	95

lab cont

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12531F.D

Acq On : 25 May 2002 1:17 am

Sample : 524; fb

Misc :

MS Integration Params: GAS6.P

Quant Time: May 25 1:55 2002

Vial: 5

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

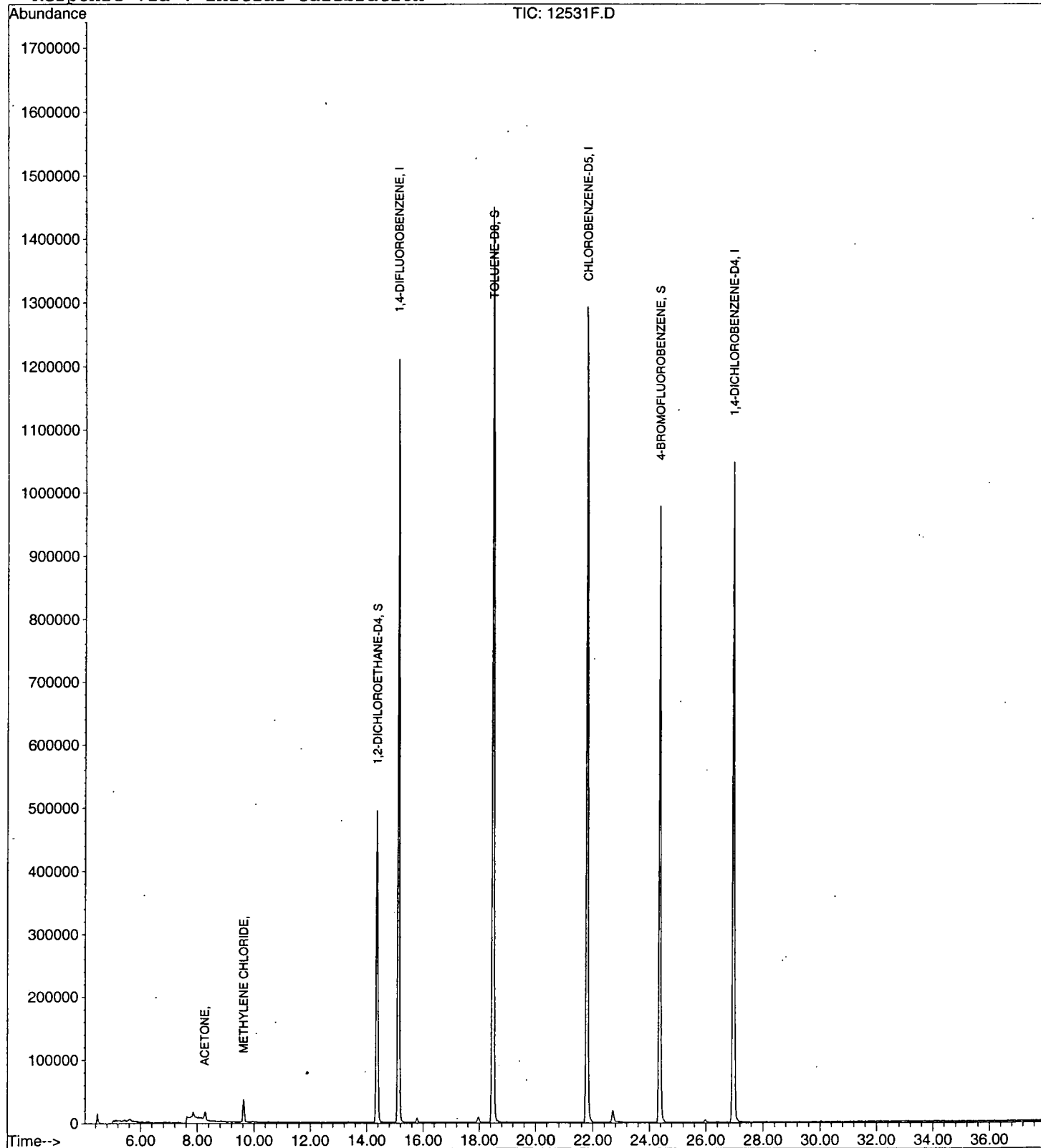
Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 09:09:18 2002

Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531F.D
Acq On : 25 May 2002 1:17 am
Sample : 524; fb
Misc :
MS Integration Params: LSCINT.P

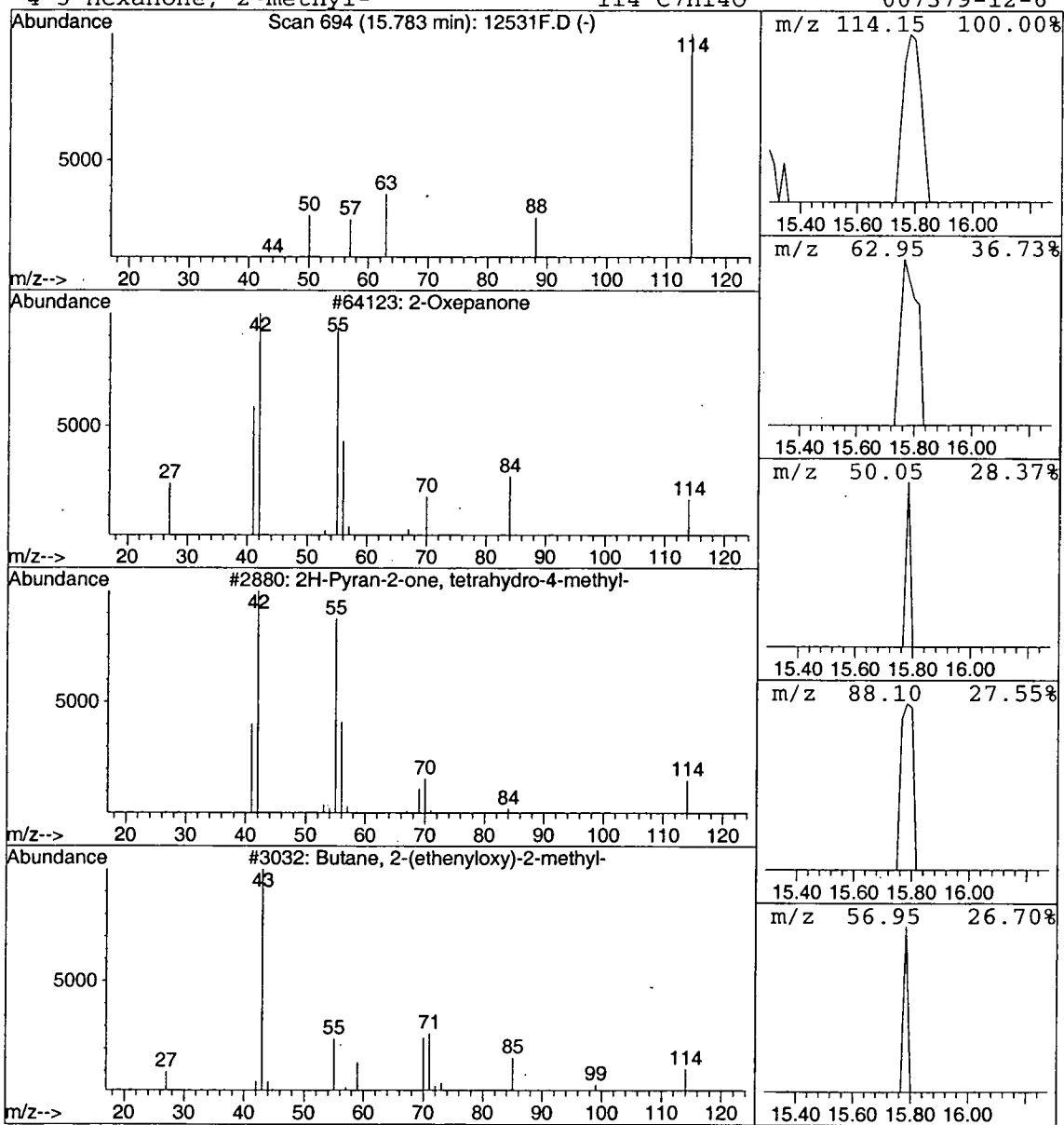
Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Oxepanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	23963	1,4-DIFLUOROBENZENE	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Oxepanone	114	C6H10O2	000502-44-3	3
2			2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
3			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531F.D
Acq On : 25 May 2002 1:17 am
Sample : 524; fb
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

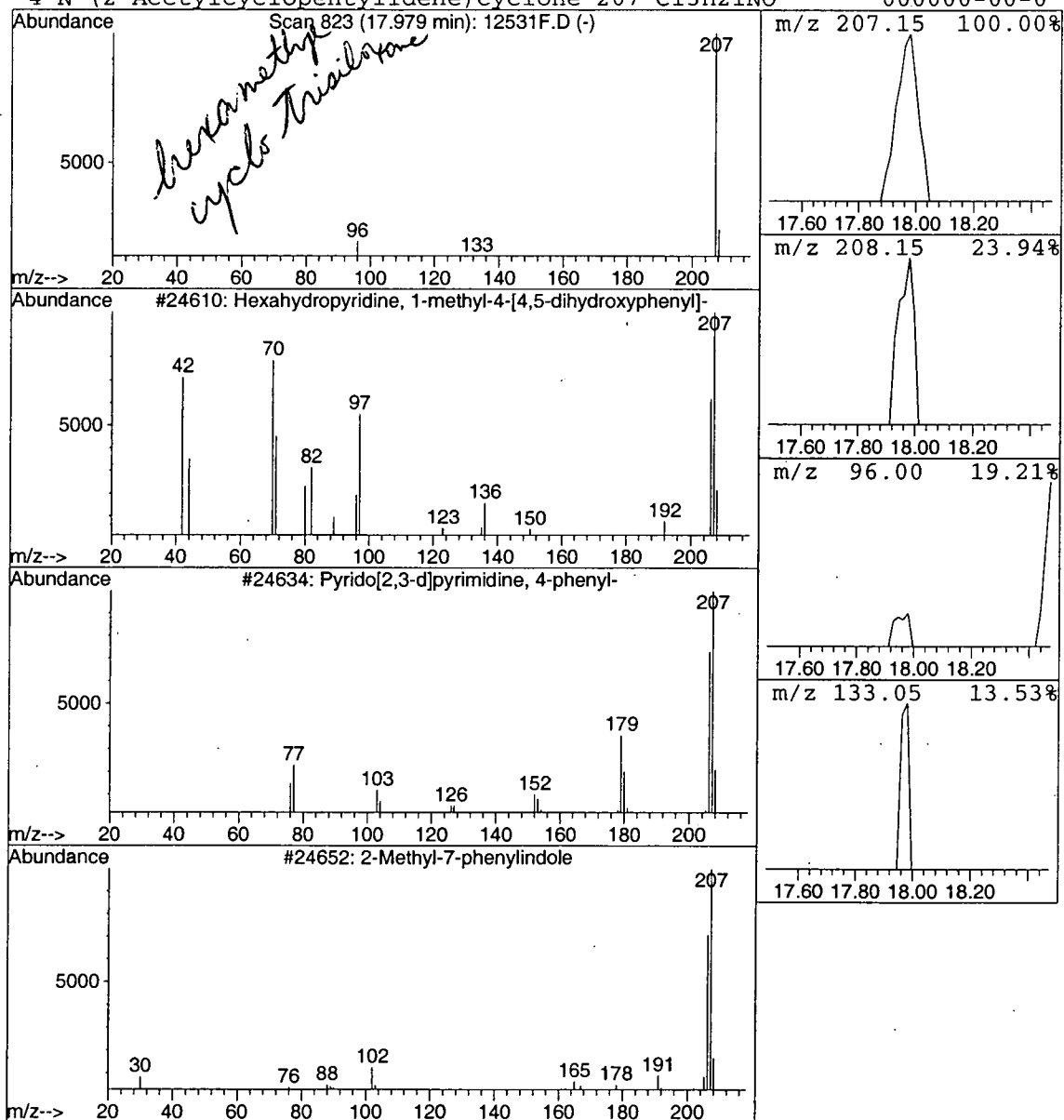
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	0.05 ug/L	39439	1,4-DIFLUOROBENZENE	15.12

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			2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	5
4			N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12531F.D
 Acq On : 25 May 2002 1:17 am
 Sample : 524; fb
 Misc :
 MS Integration Params: LSCINT.P

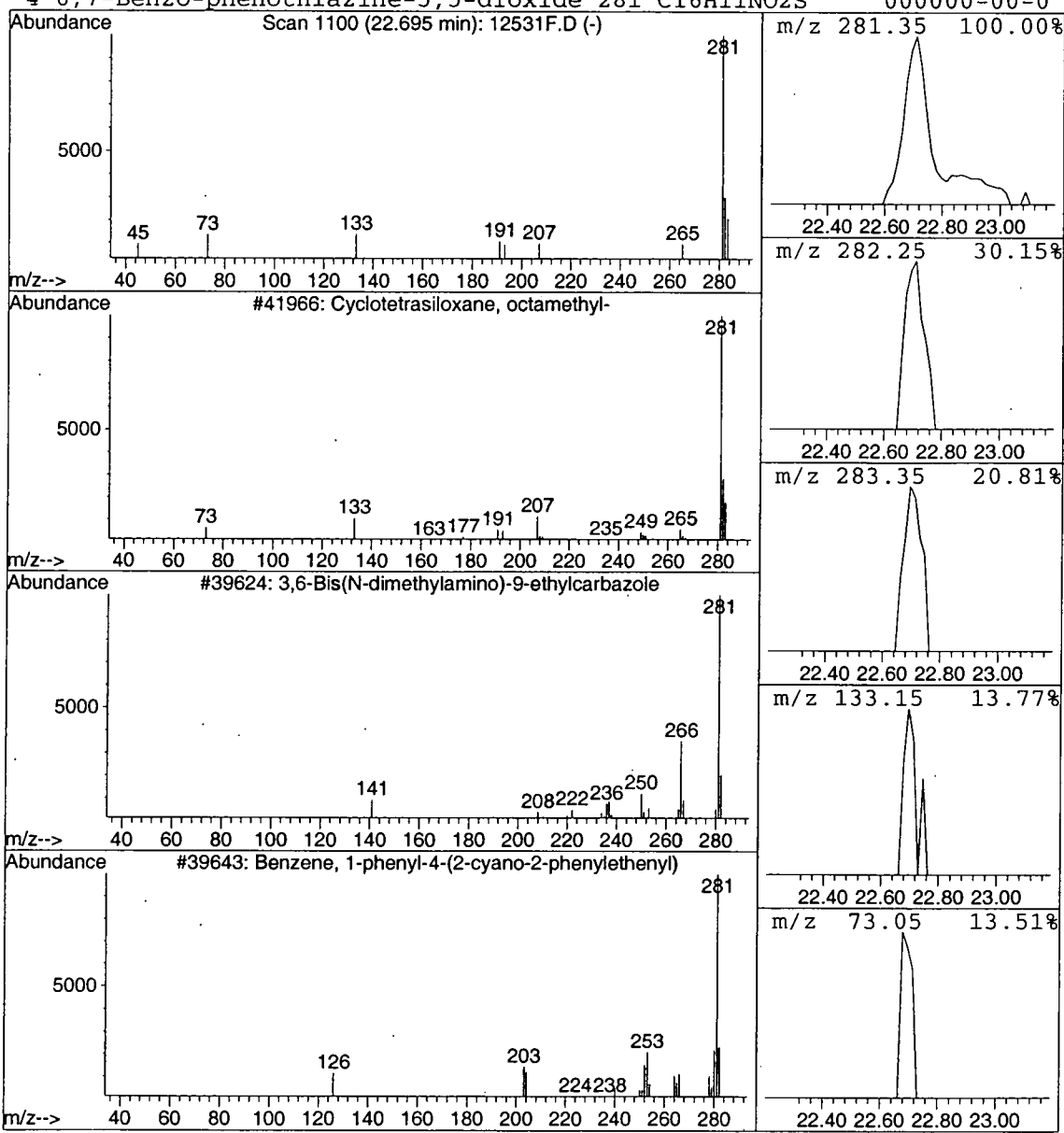
Vial: 5
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	0.09 ug/L	88160	CHLOROBENZENE-D5	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 05/30/2002 Time: 10:26:36

Sample: AE12536
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 5/25/02 00:02 Ended: 5/25/02 00:02 Analyst: BH
 Result source: a:\12536f.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr 1,2-DICHLOROETHANE-D		5.1	.5
2	Surr 4-BROMOFLUOROBENZE		5.3	.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	Chloroform		< MRL	.5
18	Bromochloromethane		< MRL	.5
19	1,2-dichloroethane		< MRL	.5
20	Surr TOLUENE-D8		4.8	.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	Bromodichloromethane		< MRL	.5
29	Methy 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	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	Bromoform		< MRL	2.0
45	Isopropylbenzene		< MRL	.5
46	1,2,3-trichloropropane		< MRL	.5
47	N-propylbenzene		< MRL	.5
48	Bromobenzene		< MRL	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 10:26:36

Sample: AE12536
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 5/25/02 00:02 Ended: 5/25/02 00:02 Analyst: BH
Result source: a:\12536f.rr
Page: 2

	Component Name	Viol	Result	MDL
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		< MRL	.5
58	N-butylbenzene		< MRL	.5
59	1,2-dichlorobenzene		< MRL	.5
60	1,2,4-trichlorobenzene		< MRL	.5
61	Hexachlobutadiene		< MRL	.5
62	Naphthalene		< MRL	.5
63	1,2,3-trichlorobenzene		< MRL	.5

Comments for Sample AE12536 - Analysis \$F_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 05-31-2002 Time: 10:29:32

The recovery of bromochloromethane in the LCS is 134%.

The recovery of n-butylbenzene in the LCS is 132%.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02may24\12536F.D

Acq On : 25 May 2002 2:00 am

Sample : 524; fb

Misc :

MS Integration Params: GAS6.P

Quant Time: May 25 2:38 2002

Vial: 6

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu May 23 10:09:12 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1540352	5.00	ug/L	0.09
24) CHLOROBENZENE-D5	21.78	117	1458606	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.97	152	679256	5.00	ug/L	0.08

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.35	65	773020	5.14	ug/L	0.08
Spiked Amount	5.000		Recovery	=	102.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	573594	5.28	ug/L	0.07
Spiked Amount	5.000		Recovery	=	105.60%	
25) TOLUENE-D8	18.47	98	1931928	4.85	ug/L	0.07
Spiked Amount	5.000		Recovery	=	97.00%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
12) ACETONE	8.26	43	57108	4.19	ug/L	100
14) METHYLENE CHLORIDE	9.62	49	10510	0.10	ug/L	90-
18) 2-BUTANONE (MEK)	12.02	43	3886	0.38	ug/L	54

lab cont

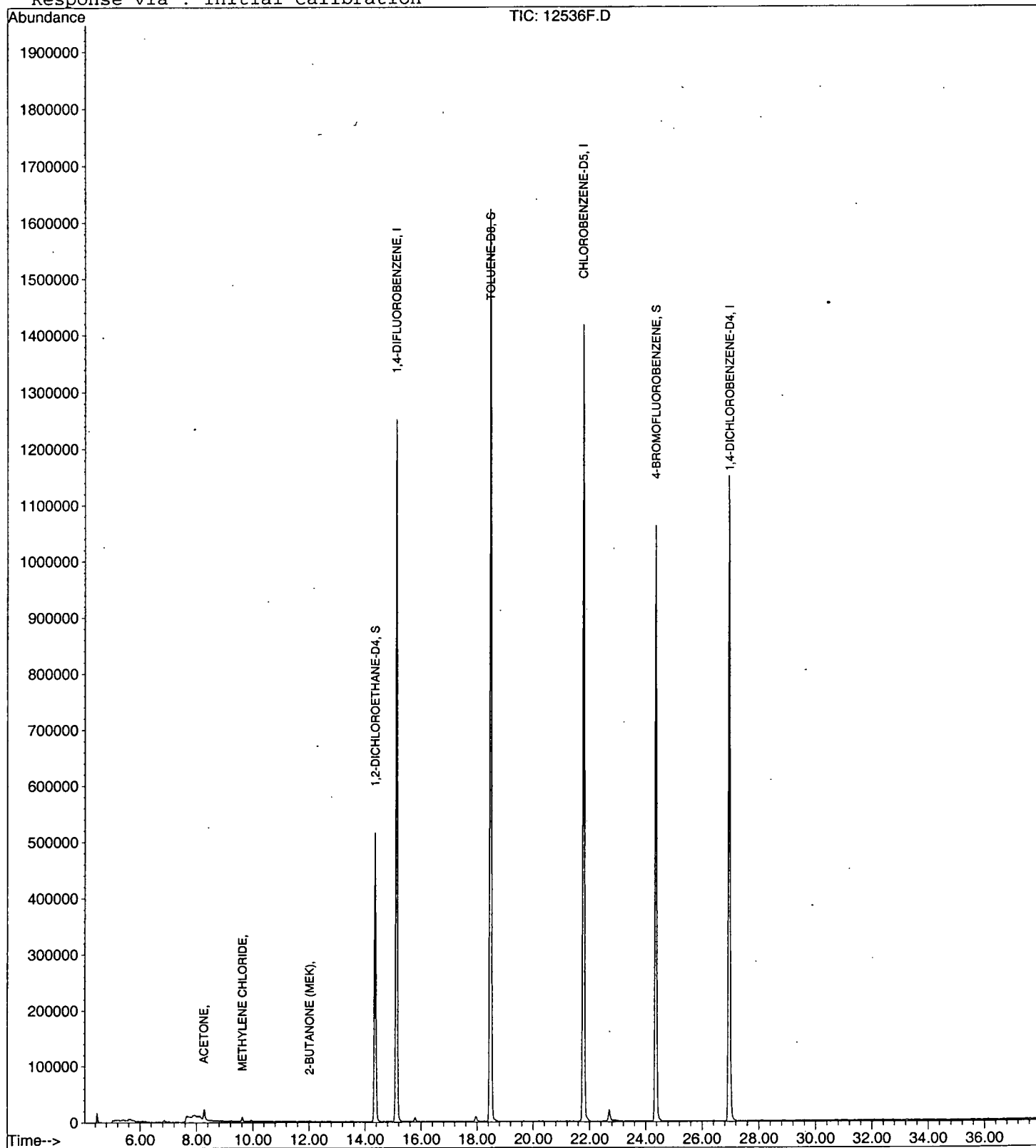
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02may24\12536F.D
Acq On : 25 May 2002 2:00 am
Sample : 524; fb
Misc :
MS Integration Params: GAS6.P
Quant Time: May 25 2:38 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12536F.D
Acq On : 25 May 2002 2:00 am
Sample : 524; fb
Misc :
MS Integration Params: LSCINT.P

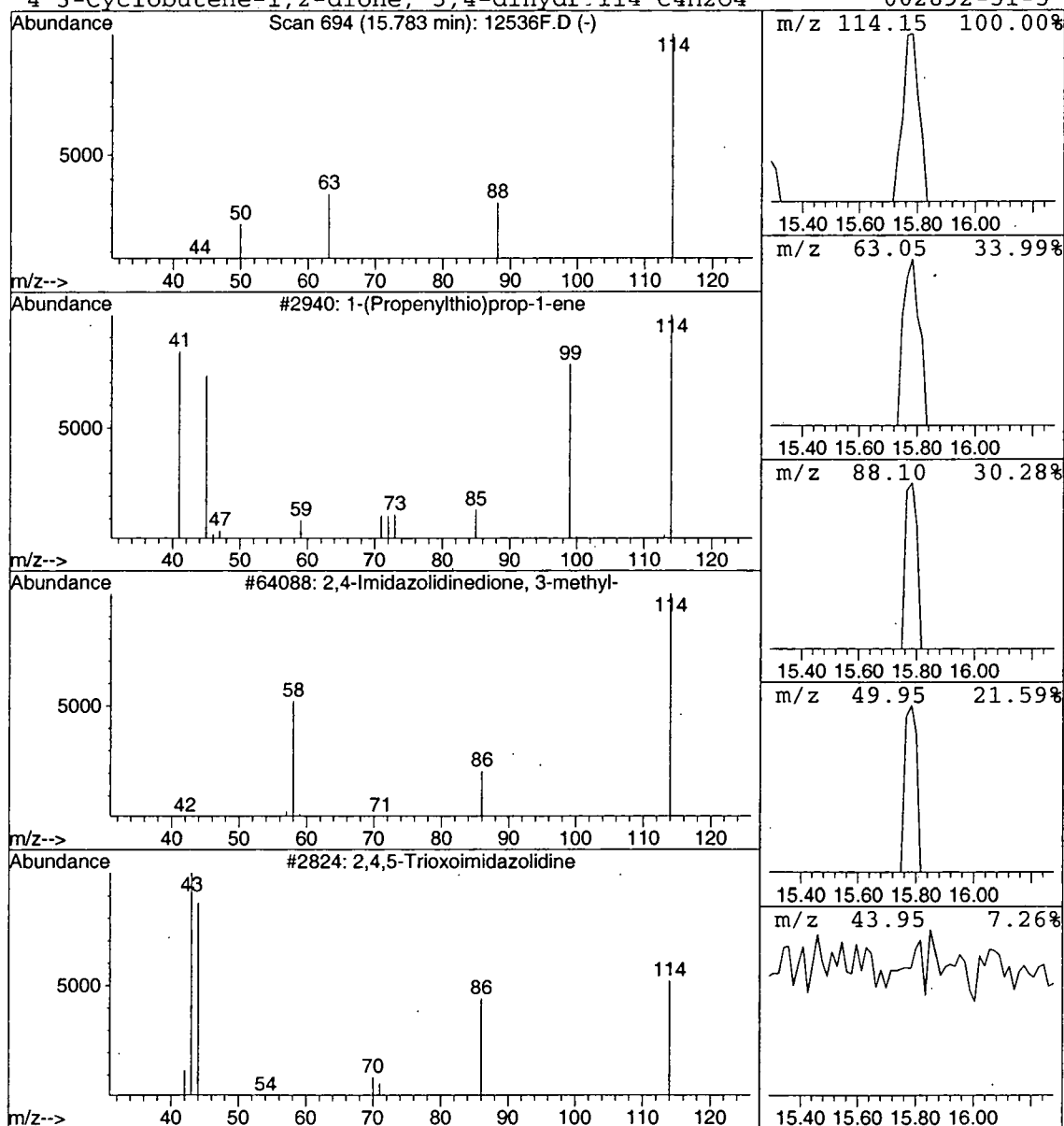
Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 1-(Propenylthio)prop-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.03 ug/L	27462	1,4-DIFLUOROBENZENE	15.12

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12536F.D
 Acq On : 25 May 2002 2:00 am
 Sample : 524; fb
 Misc :
 MS Integration Params: LSCINT.P

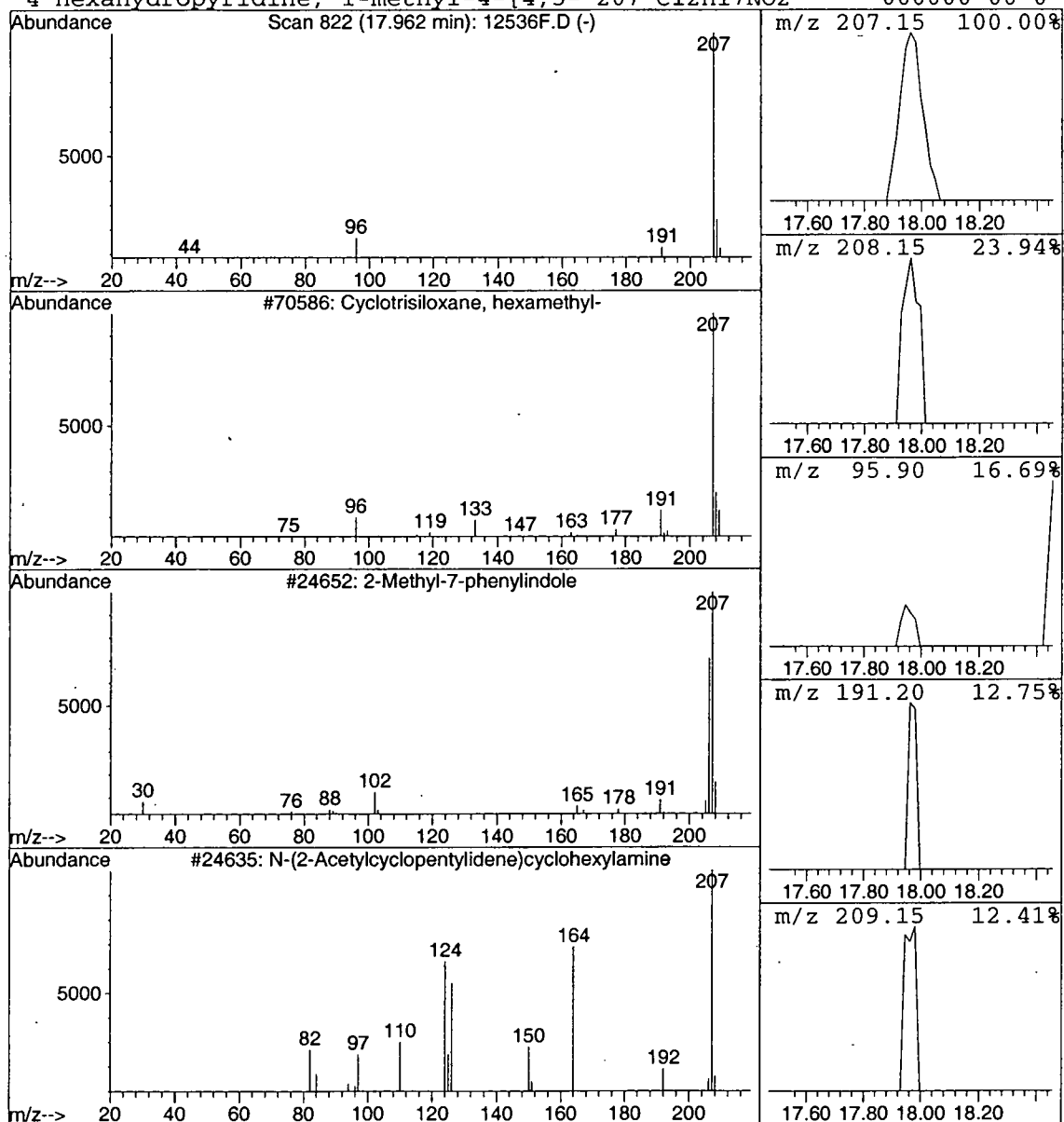
Vial: 6
 Operator: 201-wb
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator).
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	0.05 ug/L	49294	1,4-DIFLUOROBENZENE	15.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
2			2-Methyl-7-phenylindole	207	C15H13N	000000-00-0	9
3			N-(2-Acetylcyclopentylidene)cyclohe	207	C13H21NO	000000-00-0	9
4			Hexahydropyridine, 1-methyl-4-[4,5-	207	C12H17NO2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02may24\12536F.D
Acq On : 25 May 2002 2:00 am
Sample : 524; fb
Misc :
MS Integration Params: LSCINT.P

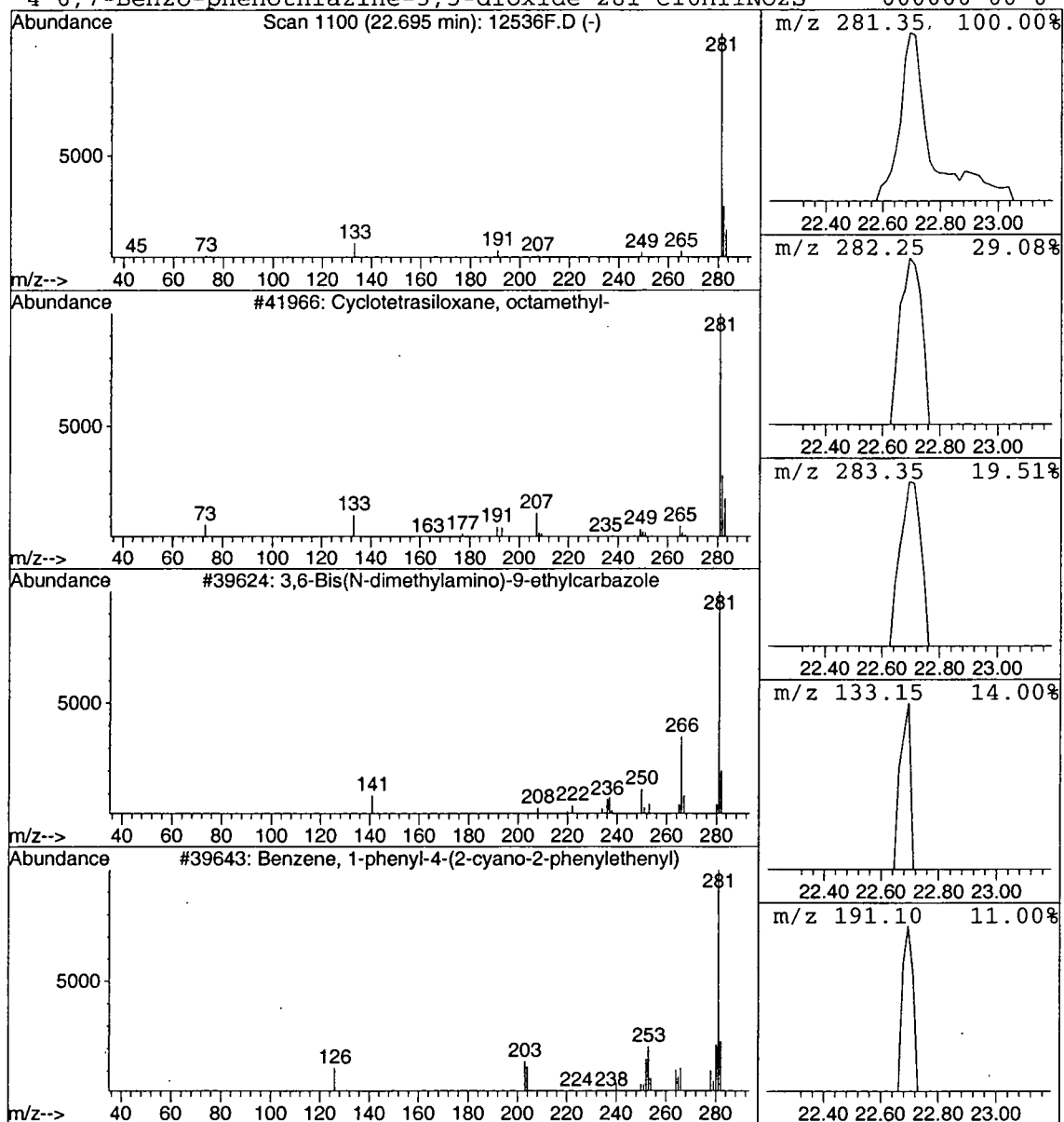
Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	0.09 ug/L	93044	CHLOROBENZENE-D5	21.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2			3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
3			Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4			6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 16:50:06

Sample: AE12531
 Analysis: SC3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 5/25/2002 00:02 Ended: 5/25/2002 00:02 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.3	.5
2	Surr_4-BROMOFLUOROBENZE		5.5	.5
3	Dichlorodifluoromethane		8.6	.5
4	Chloromethane		12	.5
5	Vinyl chloride		11	.5
6	Bromomethane		10	.5
7	Chloroethane		10	.5
8	Trichlorofluoromethane		9.6	.5
9	1,1-Dichloroethene		13	.5
10	Methylene Chloride	USPEC	14	.5
11	Methyl tert-butyl ether		12	1.0
12	trans-1,2-dichloroethene	USPEC	14	.5
13	1,1-dichloroethane	USPEC	14	.5
14	2-butanone (MEK)		57	2.0
15	2,2-dichloropropane		10	.5
16	cis-1,2-dichloroethene		13	.5
17	Chloroform		13	.5
18	Bromochloromethane	USPEC	15	.5
19	1,2-dichloroethane	USPEC	14	.5
20	Surr_TOLUENE-D8		4.8	.5
21	1,1,1-trichloroethane		10	.5
22	1,1-dichloropropene		12	.5
23	Carbon tetrachloride		10	.5
24	Benzene		13	.5
25	Trichloroethene		12	.5
26	1,2-dichloropropane		13	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		12	.5
29	Methyl iso-butyl ketone		57	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		13	.5
34	Tetrachloroethene		11	.5
35	1,3-dichloropropane		13	.5
36	Dibromochloromethane		12	2.0
37	Chlorobenzene		13	.5
38	1,1,1,2-tetrachloroethane		12	.5
39	Ethylbenzene		13	.5
40	P & M-xylene		25	.5
41	O-xylene		12	.5
42	Styrene		13	.5
43	1,1,2,2-tetrachloroethane		13	.5
44	Bromoform	USPEC	14	2.0
45	Isopropylbenzene		12	.5
46	1,2,3-trichloropropane		13	.5
47	N-propylbenzene		12	.5

All high ok

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 16:50:06

Sample: AE12531
Analysis: \$C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/25/2002 00:02 Ended: 5/25/2002 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		13	.5
49	1,3,5-trimethylbenzene		12	.5
50	2-chlorotoluene		13	.5
51	4-chlorotoluene		11	.5
52	TERT-butylbenzene		12	.5
53	1,2,4-trimethylbenzene		12	.5
54	SEC-butylbenzene		12	.5
55	P-isopropyltoluene		11	.5
56	1,3-dichlorobenzene		12	.5
57	1,4-dichlorobenzene		12	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		12	.5
60	1,2,4-trichlorobenzene		11	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene		9.2	.5
63	1,2,3-trichlorobenzene		12	.5
64	Nitrobenzene		240	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10C.D

Acq On : 25 May 2002 2:43 am

Sample : cal 10

Misc :

MS Integration Params: GAS6.P

Quant Time: Jun 3 11:31 2002

Vial: 7

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Mon Jun 03 11:27:58 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	1580268	5.00	ug/L	0.08
24) CHLOROBENZENE-D5	21.78	117	1534087	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	26.95	152	756641	5.00	ug/L	0.07

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	14.35	65	824216	5.34	ug/L	0.08
Spiked Amount	5.000		Recovery	=	106.80%	
3) 4-BROMOFLUOROBENZENE	24.36	174	614486	5.51	ug/L	0.07
Spiked Amount	5.000		Recovery	=	110.20%	
25) TOLUENE-D8	18.47	98	1996818	4.77	ug/L	0.07
Spiked Amount	5.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	510005	8.59	ug/L	98
5) CHLOROMETHANE	5.37	50	1090529	11.52	ug/L	99
6) VINYL CHLORIDE	5.60	62	502264	10.52	ug/L	98
7) BROMOMETHANE	6.57	94	256303	10.19	ug/L	96
8) CHLOROETHANE	6.73	64	488126	10.33	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.28	101	848168	9.59	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	461684	9.14	ug/L	99
12) ACETONE	8.26	43	501916	35.86	ug/L	98
13) 1,1-DICHLOROETHENE	8.62	61	1524803	13.42	ug/L	96
14) METHYLENE CHLORIDE	9.62	49	1437407	13.88	ug/L	95
15) METHYL TERT BUTYL ETHER	9.91	73	970386	12.09	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.28	61	1577624	13.70	ug/L	89
17) 1,1-DICHLOROETHANE	11.17	63	1746441	14.00	ug/L	99
18) 2-BUTANONE (MEK)	12.00	43	599244	57.02	ug/L	92
19) 2,2-DICHLOROPROPANE	12.39	77	1022343	10.11	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.48	96	896025	13.24	ug/L	90
21) CHLOROFORM	12.82	83	1757658	13.17	ug/L	100
22) BROMOCHLOROMETHANE	13.20	49	797726	15.20	ug/L	84
23) 1,2-DICHLOROETHANE	14.54	62	1406127	14.10	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.72	97	1288781	10.33	ug/L	98
27) 1,1-DICHLOROPROPENE	14.05	75	1356567	11.68	ug/L	99
28) CARBON TETRACHLORIDE	14.30	117	1051884	10.25	ug/L	98
29) BENZENE	14.64	78	3205211	12.78	ug/L	100
30) TRICHLOROETHENE	15.92	95	973316	11.64	ug/L	95
31) 1,2-DICHLOROPROPANE	16.28	63	896115	13.24	ug/L	99
32) DIBROMOMETHANE	16.96	174	376479	11.48	ug/L	95
33) BROMODICHLOROMETHANE	16.79	83	1168864	11.87	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	231761	17.76	ug/L	99
35) METHYL ISO-BUTYL KETONE	17.35	58	479686	56.57	ug/L	86
36) CIS-1,3-DICHLOROPROPENE	17.89	75	1164225	12.22	ug/L	99
37) TOLUENE	18.64	91	3170266	12.38	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	840522	10.61	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.31	97	494626	12.54	ug/L	98
40) TETRACHLOROETHENE	20.09	166	834706	11.06	ug/L	93
41) 1,3-DICHLOROPROPANE	19.83	76	1019702	13.32	ug/L	99
42) DIBROMOCHLOROMETHANE	20.53	129	569321	11.94	ug/L	97
43) 1,2-DIBROMOETHANE	20.98	107	494530	12.04	ug/L	99
44) CHLOROBENZENE	21.86	112	1946287	12.55	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	710091	11.86	ug/L	97
46) 2-HEXANONE	19.20	43	921269	56.77	ug/L	96
47) ETHYLBENZENE	21.89	91	3806407	12.62	ug/L	99

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

0524C10C.D HP051702.M

Mon Jun 03 11:31:30 2002

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10C.D

Acq On : 25 May 2002 2:43 am

Sample : cal 10

Misc :

MS Integration Params: GAS6.P

Quant Time: Jun 3 11:31 2002

Vial: 7

Operator: 201-wb

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP051702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Mon Jun 03 11:27:58 2002

Response via : Initial Calibration

DataAcq Meth : HP051702

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
48) P & M-XYLENE	22.07	106	2377334	24.57	ug/L	100
49) O-XYLENE	23.04	91	2925546	12.45	ug/L	99
50) STYRENE	23.09	104	1895420	12.66	ug/L	97
51) 1,1,2,2-TETRACHLOROETHANE	24.11	83	521146	13.47	ug/L	99
53) BROMOFORM	23.95	173	274630	14.12	ug/L	96
54) ISOPROPYLBENZENE	23.75	105	3087316	12.32	ug/L	98
55) 1,2,3-TRICHLOROPROPANE	24.45	110	158443	13.11	ug/L	91
56) N-PROPYLBENZENE	24.62	91	3994236	12.11	ug/L	98
57) BROMOBENZENE	24.87	156	774204	12.65	ug/L	87
58) 1,3,5-TRIMETHYLBENZENE	24.94	105	2715941	12.05	ug/L	98
59) 2-CHLOROTOLUENE	25.11	91	2899729	12.62	ug/L	98
60) 4-CHLOROTOLUENE	25.18	91	2492893	10.85	ug/L	96
61) TERT-BUTYLBENZENE	25.74	119	2391480	11.95	ug/L	99
62) 1,2,4-TRIMETHYLBENZENE	25.83	105	2830216	12.18	ug/L	99
63) SEC-BUTYLBENZENE	26.19	105	3226340	11.73	ug/L	99
64) P-ISOPROPYLTOLUENE	26.46	119	2470593	11.41	ug/L	99
65) 1,3-DICHLOROBENZENE	26.82	146	1376228	12.01	ug/L	97
66) 1,4-DICHLOROBENZENE	27.04	146	1379584	11.89	ug/L	98
67) N-BUTYLBENZENE	27.34	91	2553790	11.37	ug/L	100
68) 1,2-DICHLOROBENZENE	27.89	146	1145786	12.08	ug/L	98
69) 1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	58110	12.52	ug/L	89
70) 1,2,4-TRICHLOROBENZENE	31.96	180	717163	11.44	ug/L	99
71) HEXACHLOROBUTADIENE	32.28	225	521653	10.79	ug/L	97
72) NAPHTHALENE	32.81	128	471474	9.19	ug/L	100
73) 1,2,3-TRICHLOROBENZENE	33.52	180	555949	11.54	ug/L	95
74) NITROBENZENE	29.88	77	244138	236.92	ug/L	95

(#) = qualifier out of range (m) = manual integration
0524C10C.D HP051702.M Mon Jun 03 11:31:34 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02MAY24\0524C10C.D
Acq On : 25 May 2002 2:43 am
Sample : cal 10
Misc :
MS Integration Params: GAS6.P
Quant Time: Jun 3 11:31 2002

Vial: 7
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP051702.RES

Method : C:\HPCHEM\1\METHODS\HP051702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu May 23 09:09:18 2002
Response via : Initial Calibration

