

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 14:12:20

Sample: AE00105
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 1/3/01 00:08 Ended: 1/3/01 00:08 Analyst: BH
 Result source: m:\instruments\206\rrfiles\0103b1.rr
 Page: 1

	Component Name	Vol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.0
2	Surr - 4-BROMOFLUOROBENZ		4.2
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		0.12
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.0
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

Reviewed by,
 JB 3/1/02

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Result source: m:\instruments\206\rrfiles\0103b1.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\0103B1.D

Vial: 1

Acq On : 3 Jan 2002 8:36 am

Operator: 206-bh

Sample : lab blank 1

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 3 9:14 2002

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.37	114	869069	5.00	ug/L	0.02
22) CHLOROBENZENE-D5	20.96	117	813456	5.00	ug/L	0.00
50) 1,4-DICHLOROBENZENE-D4	26.13	152	396536	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.60	65	284919	4.98	ug/L	0.02
Spiked Amount 5.000			Recovery	=	99.60%	
3) 4-BROMOFLUOROBENZENE	23.55	174	283252	4.25	ug/L	0.02
Spiked Amount 5.000			Recovery	=	85.00%	
23) TOLUENE-D8	17.69	98	1069677	4.96	ug/L	0.02
Spiked Amount 5.000			Recovery	=	99.20%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.34	43	1193	0.12	ug/L	Qvalue 64

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

0103B1.D HP121001.M Thu Jan 03 09:15:07 2002

Page 1

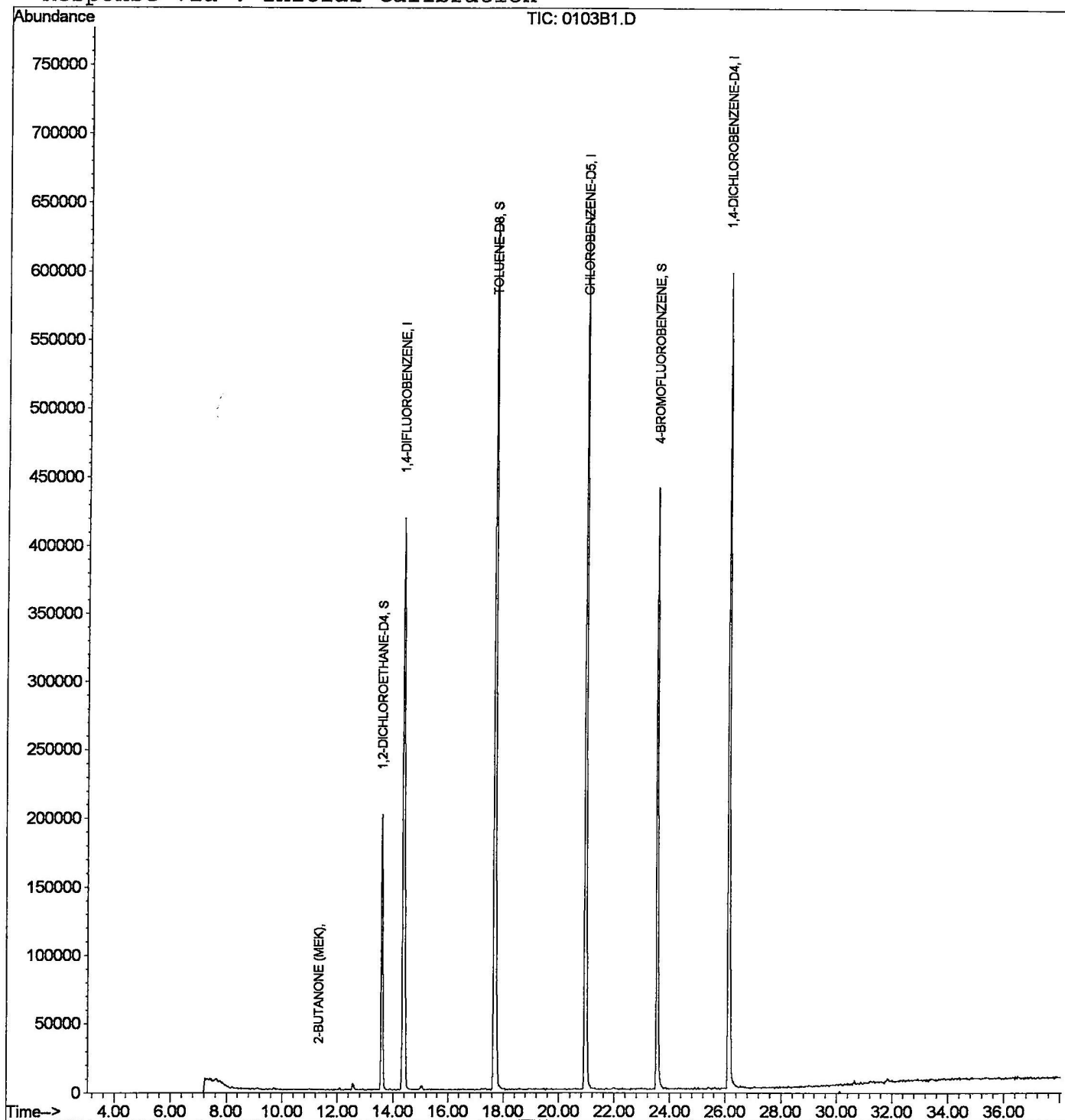
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\0103B1.D
Acq On : 3 Jan 2002 8:36 am
Sample : lab blank 1
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 9:14 2002

Vial: 1
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN03\0103B1.D
Acq On : 3 Jan 2002 8:36 am
Sample : lab blank 1
Misc :
MS Integration Params: LSCINT.P

Vial: 1
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

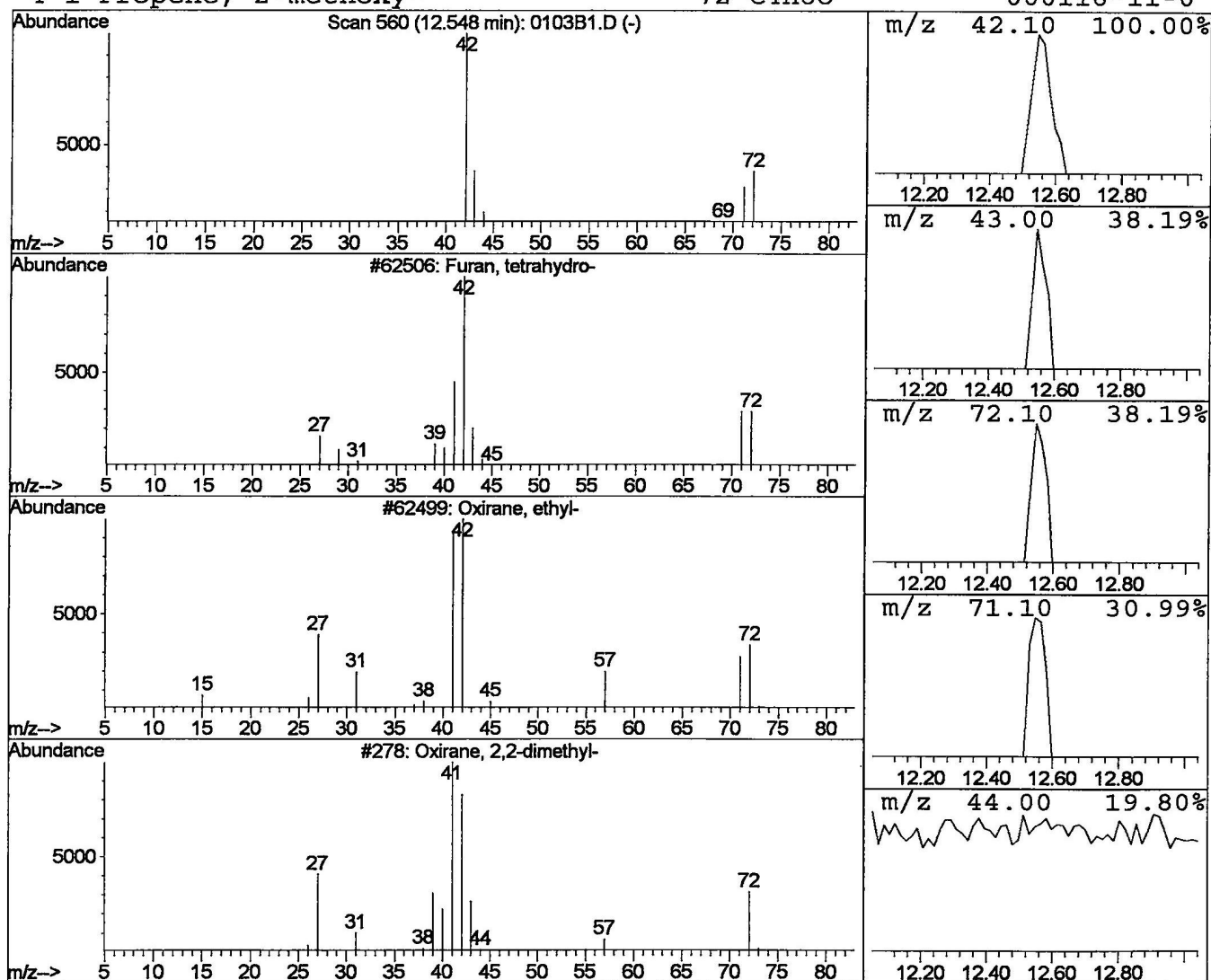
Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 Furan, tetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.55	0.05 ug/L	18758	1,4-DIFLUOROBENZENE	14.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-	72	C4H8O	000109-99-9	9
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
3	Oxirane, 2,2-dimethyl-	72	C4H8O	000558-30-5	7
4	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02JAN03\0103B1.D
 Acq On : 3 Jan 2002 8:36 am
 Sample : lab blank 1
 Misc :
 MS Integration Params: LSCINT.P

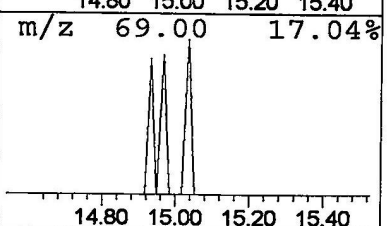
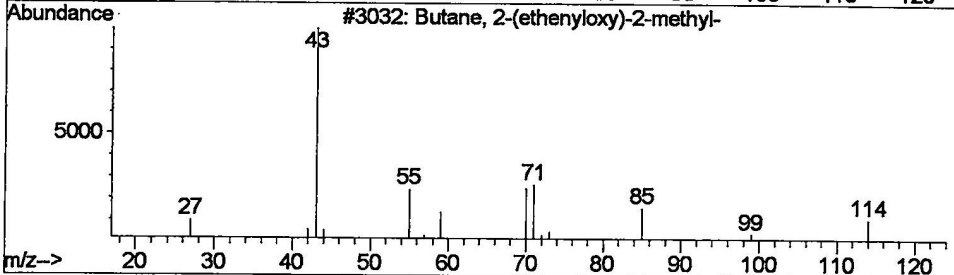
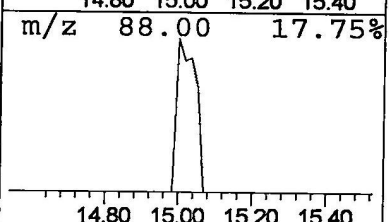
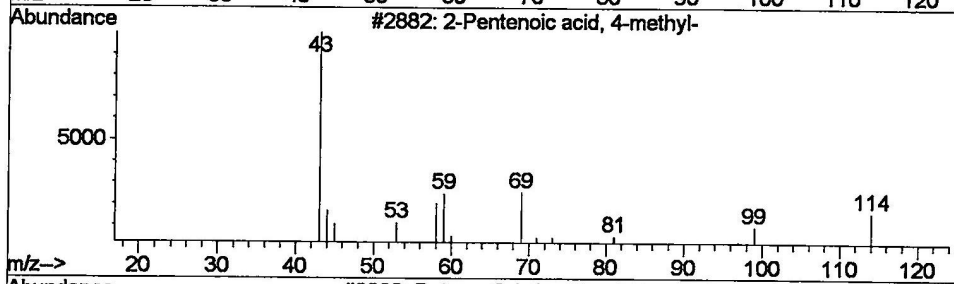
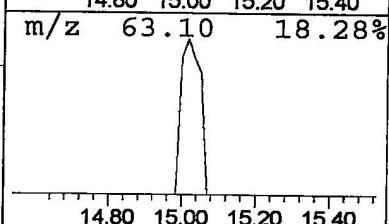
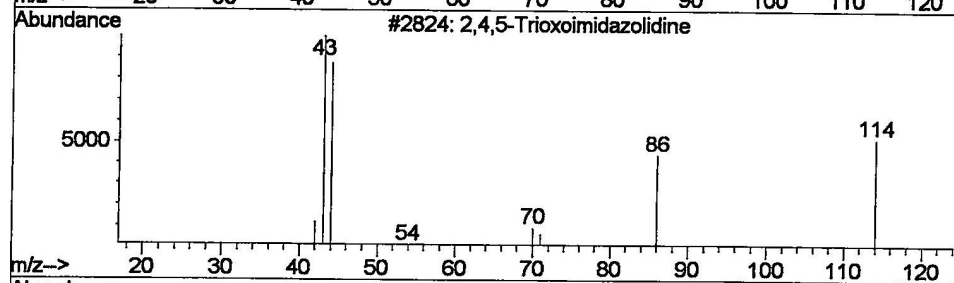
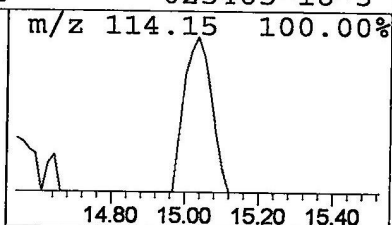
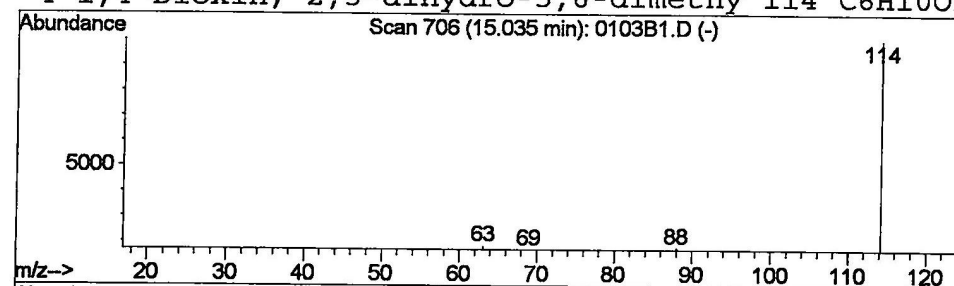
Vial: 1
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	0.05 ug/L	18923	1,4-DIFLUOROBENZENE	14.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2		2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	4
3		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4		1,4-Dioxin, 2,3-dihydro-5,6-dimethy	114	C6H10O2	025465-18-3	3



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 Date: 01/04/2002 Time: 14:17:12

Sample: AE00105
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 1/3/01 00:09 Ended: 1/3/01 00:09 Analyst: BH
 Result source: m:\instruments\206\rrfiles\0103c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.4 ✓		.5
2	Surr_4-BROMOFLUOROBENZE		5.9 -		.5
3	Dichlorodifluoromethane	USPEC	13		.5
4	Chloromethane	USPEC	17		.5
5	Vinyl chloride	USPEC	20		.5
6	Bromomethane	USPEC	15		.5
7	Chloroethane	USPEC	14		.5
8	Trichlorofluoromethane		13 12.8 ²		.5
9	1,1-Dichloroethene		10		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		8.7		1.0
12	trans-1,2-dichloroethene		9.9		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		8.1 ~ 7.5 ²		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		4.8 ✓		.5
21	1,1,1-trichloroethane		11		.5
22	1,1-dichloropropene		9.9		.5
23	Carbon tetrachloride		11		.5
24	Benzene		9.5		.5
25	Trichloroethene		9.6		.5
26	1,2-dichloropropane		9.4		.5
27	Dibromomethane		9.5		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		7.8		1.0
30	cis-1,3-dichloropropene		9.6		.5
31	Toluene		9.6		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		9.9		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.7		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		21		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		8.4		2.0
45	Isopropylbenzene		7.8		.5
46	1,2,3-trichloropropane		7.9		.5
47	N-propylbenzene		8.2		.5
48	Bromobenzene		8.5		.5

Paul high

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Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 14:17:12

Sample: AE00105
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 1/3/01 00:09 Ended: 1/3/01 00:09 Analyst: BH
Result source: m:\instruments\206\rrfiles\0103c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		8.0		.5
50	2-chlorotoluene		7.8		.5
51	4-chlorotoluene		9.2		.5
52	TERT-butylbenzene		8.8		.5
53	1,2,4-trimethylbenzene		8.2		.5
54	SEC-butylbenzene		8.7		.5
55	P-isopropyltoluene		8.6		.5
56	1,3-dichlorobenzene		9.3		.5
57	1,4-dichlorobenzene		9.4		.5
58	N-butylbenzene		9.7		.5
59	1,2-dichlorobenzene		9.8		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		9.7		.5
62	Naphthalene		10		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		180		5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\0103C10.D
 Acq On : 3 Jan 2002 9:19 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 9:58 2002

Vial: 2
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	707547	5.00	ug/L	0.03
22) CHLOROBENZENE-D5	20.98	117	718689	5.00	ug/L	0.02
50) 1,4-DICHLOROBENZENE-D4	26.14	152	549726	5.00	ug/L	0.03

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.60	65	253432	5.44	ug/L	0.02
Spiked Amount	5.000		Recovery	=	108.80%	✓
3) 4-BROMOFLUOROBENZENE	23.55	174	322834	5.95	ug/L	0.02
Spiked Amount	5.000		Recovery	=	119.00%	✓
23) TOLUENE-D8	17.71	98	910548	4.78	ug/L	0.03
Spiked Amount	5.000		Recovery	=	95.60%	✓

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.45	85	310838	13.46	ug/L	100
5) CHLOROMETHANE	4.98	50	238904	16.64	ug/L	100
6) VINYL CHLORIDE	5.14	62	284406	19.92	ug/L	94
7) BROMOMETHANE	6.05	94	190102	15.22	ug/L	99
8) CHLOROETHANE	6.17	64	136748	13.97	ug/L	99
9) TRICHLOROFLUOROMETHANE	6.70	101	399308	12.88	ug/L	98
10) ACETONE	7.64	43	41012	8.64	ug/L	95
11) 1,1-DICHLOROETHENE	7.98	61	411290	10.23	ug/L	96
12) METHYLENE CHLORIDE	8.95	49	423853	10.87	ug/L	94
13) METHYL TERT BUTYL ETHER	9.24	73	448262	8.71	ug/L	100
14) TRANS-1,2-DICHLOROETHENE	9.60	61	429708	9.85	ug/L	89
15) 1,1-DICHLOROETHANE	10.49	63	558964	10.28	ug/L	96
16) 2-BUTANONE (MEK)	11.30	43	67954	8.10	ug/L	94
17) 2,2-DICHLOROPROPANE	11.68	77	480806	10.73	ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.78	96	303925	9.97	ug/L	85
19) CHLOROFORM	12.10	83	578542	11.15	ug/L	100
20) BROMOCHLOROMETHANE	12.48	49	259900	10.55	ug/L	90
21) 1,2-DICHLOROETHANE	13.81	62	363199	10.40	ug/L	99
24) 1,1,1-TRICHLOROETHANE	12.99	97	471404	10.68	ug/L	99
25) 1,1-DICHLOROPROPENE	13.31	75	432182	9.92	ug/L	98
26) CARBON TETRACHLORIDE	13.57	117	410335	10.93	ug/L	97
27) BENZENE	13.91	78	1208238	9.54	ug/L	97
28) TRICHLOROETHENE	15.17	95	326123	9.61	ug/L	96
29) 1,2-DICHLOROPROPANE	15.53	63	331924	9.41	ug/L	99
30) DIBROMOMETHANE	16.18	174	119270	9.50	ug/L	96
31) BROMODICHLOROMETHANE	16.02	83	428597	10.55	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.53	63	109262	8.34	ug/L	91
33) Methyl iso-butyl ketone	16.60	58	52606	7.81	ug/L	99

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

0103C10.D HP121001.M Thu Jan 03 09:58:46 2002

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Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\0103C10.D

Vial: 2

Acq On : 3 Jan 2002 9:19 am

Operator: 206-bh

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 3 9:58 2002

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.13	75	490102	9.63	ug/L	98
35) TOLUENE	17.88	91	1375937	9.63	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.15	75	407052	10.30	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.54	97	195065	9.97	ug/L	99
38) TETRACHLOROETHENE	19.31	166	345473	10.25	ug/L	96
39) 1,3-DICHLOROPROPANE	19.07	76	375951	9.94	ug/L	99
40) DIBROMOCHLOROMETHANE	19.74	129	245320	10.31	ug/L	98
41) 1,2-DIBROMOETHANE	20.20	107	178637	9.59	ug/L	97
42) CHLOROBENZENE	21.07	112	920585	9.69	ug/L	96
43) 1,1,1,2-TETRACHLOROETHANE	21.12	131	322183	10.40	ug/L	98
44) 2-HEXANONE	18.44	43	99334	8.83	ug/L	97
45) ETHYLBENZENE	21.12	91	1824990	10.37	ug/L	99
46) P & M-XYLENE	21.29	106	1357669	20.53	ug/L	94
47) O-XYLENE	22.24	91	1514392	10.80	ug/L	98
48) STYRENE	22.31	104	1163632	10.67	ug/L	96
49) 1,1,2,2-TETRACHLOROETHANE	23.31	83	252619	12.06	ug/L	100
51) BROMOFORM	23.13	173	139569	8.40	ug/L	99
52) ISOPROPYLBENZENE	22.97	105	1876859	7.82	ug/L	96
53) 1,2,3-TRICHLOROPROPANE	23.64	110	68927	7.87	ug/L	96
54) N-PROPYLBENZENE	23.83	91	2559486	8.22	ug/L	100
55) BROMOBENZENE	24.06	156	434292	8.49	ug/L	84
56) 1,3,5-TRIMETHYLBENZENE	24.15	105	1648873	7.95	ug/L	99
57) 2-CHLOROTOLUENE	24.30	91	1539804	7.80	ug/L	96
58) 4-CHLOROTOLUENE	24.39	91	1620832	9.17	ug/L	96
59) TERT-BUTYLBENZENE	24.93	134	390394	8.81	ug/L	95
60) 1,2,4-TRIMETHYLBENZENE	25.04	105	1774665	8.24	ug/L	98
61) SEC-BUTYLBENZENE	25.39	105	2507058	8.68	ug/L	98
62) P-ISOPROPYLTOLUENE	25.65	119	1992258	8.59	ug/L	98
63) 1,3-DICHLOROBENZENE	26.01	146	1029556	9.31	ug/L	97
64) 1,4-DICHLOROBENZENE	26.21	146	1036243	9.37	ug/L	98
65) N-BUTYLBENZENE	26.53	91	2150184	9.69	ug/L	99
66) 1,2-DICHLOROBENZENE	27.05	146	898488	9.85	ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.70	157	44932	9.63	ug/L	92
68) NITROBENZENE	28.90	77	351988	183.09	ug/L	96
69) 1,2,4-TRICHLOROBENZENE	30.64	180	523568	10.35	ug/L	98
70) HEXACHLOROBUTADIENE	30.88	225	297417	9.68	ug/L	99
71) NAPHTHALENE	31.31	128	563012	10.10	ug/L	96
72) 1,2,3-TRICHLOROBENZENE	31.85	180	375131	10.11	ug/L	97

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

0103C10.D HP121001.M

Thu Jan 03 09:58:50 2002

Page 2

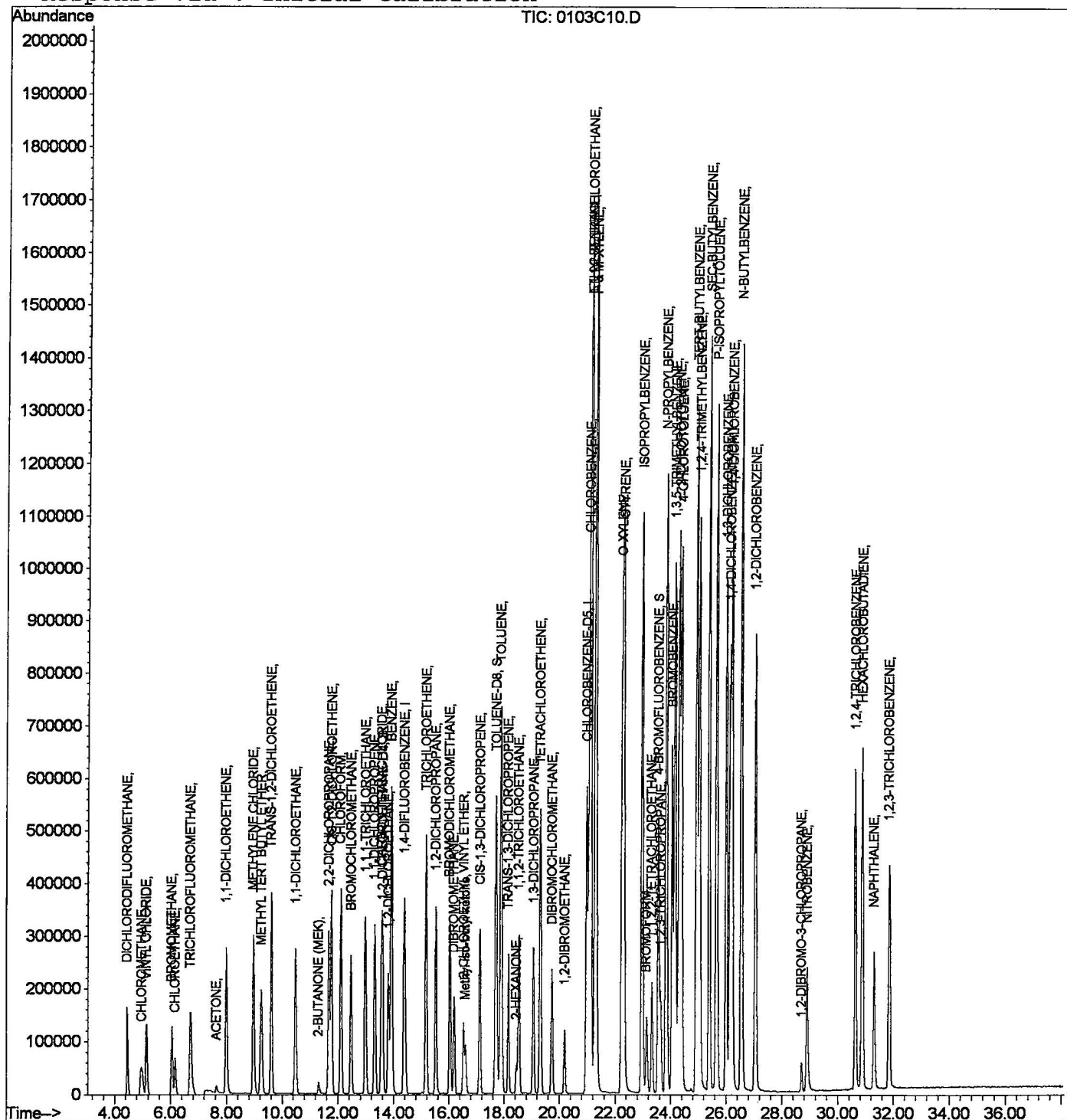
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\0103C10.D
Acq On : 3 Jan 2002 9:19 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 9:58 2002

Vial: 2
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

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Method       : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Wed Dec 12 08:39:59 2001
Response via  : Initial Calibration
```



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/08/2002 Time: 16:24:08

Sample: AE00105
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 01/03/20 00:04 Ended: 01/03/20 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\0103r40.rr
 Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		5.1	
2	4-BROMOFLUOROBENZENE		6.5	
3	DICHLORODIFLUOROMETHANE		65	.5
4	CHLOROMETHANE		89	.5
5	VINYL CHLORIDE		70	.5
6	BROMOMETHANE		69	.5
7	CHLOROETHANE		66	.5
8	TRICHLOROFLUOROMETHANE		50	.5
9	ACETONE		35	.5
10	1,1-DICHLOROETHENE		42	.5
11	METHYLENE CHLORIDE		43	.5
12	METHYL TERT BUTYL ETHER		33	1
13	TRANS-1,2-DICHLOROETHENE		42	.5
14	1,1-DICHLOROETHANE		42	.5
15	2-BUTANONE (MEK)		34	.5
16	2,2-DICHLOROPROPANE		43	.5
17	CIS-1,2-DICHLOROETHENE		40	.5
18	CHLOROFORM		43	.5
19	BROMOCHLOROMETHANE		42	.5
20	1,2-DICHLOROETHANE		41	.5
21	TOLUENE-D8		4.4	
22	1,1,1-TRICHLOROETHANE		40	.5
23	1,1-DICHLOROPROPENE		38	.5
24	CARBON TETRACHLORIDE		42	.5
25	BENZENE		36	.5
26	TRICHLOROETHENE		37	.5
27	1,2-DICHLOROPROPANE		35	.5
28	DIBROMOMETHANE		39	.5
29	BROMODICHLOROMETHANE		40	.5
30	2-CHLOROETHYL VINYL ETHER		30	.5
31	METHYL ISO-BUTYL KETONE		29	1
32	CIS-1,3-DICHLOROPROPENE		38	.5
33	TOLUENE		38	.5
34	TRANS-1,3-DICHLOROPROPENE		39	.5
35	1,1,2-TRICHLOROETHANE		40	.5
36	TETRACHLOROETHENE		45	.5
37	1,3-DICHLOROPROPANE		41	.5
38	DIBROMOCHLOROMETHANE		44	2
39	1,2-DIBROMOETHANE		41	.5
40	CHLOROBENZENE		41	.5
41	1,1,1,2-TETRACHLOROETHANE		43	.5
42	2-HEXANONE		37	.5
43	ETHYLBENZENE		42	.5
44	P & M-XYLENE		85	.5
45	O-XYLENE		45	.5
46	STYRENE		44	.5
47	1,1,2,2-TETRACHLOROETHANE		50	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/08/2002 Time: 16:24:08

Sample: AE00105

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 01/03/20 00:01 Ended: 01/03/20 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\0103r40.rr

Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		38	2
49	ISOPROPYLBENZENE		32	.5
50	1,2,3-TRICHLOROPROPANE		32	.5
51	N-PROPYLBENZENE		35	.5
52	BROMOBENZENE		35	.5
53	1,3,5-TRIMETHYLBENZENE		33	.5
54	2-CHLOROTOLUENE		35	.5
55	4-CHLOROTOLUENE		34	.5
56	TERT-BUTYLBENZENE		37	.5
57	1,2,4-TRIMETHYLBENZENE		35	.5
58	SEC-BUTYLBENZENE		37	.5
59	P-ISOPROPYLTOLUENE		35	.5
60	1,3-DICHLOROBENZENE		39	.5
61	1,4-DICHLOROBENZENE		40	.5
62	N-BUTYLBENZENE		40	.5
63	1,2-DICHLOROBENZENE		41	.5
64	1,2-DIBROMO-3-CHLOROPROPA		43	.5
65	1,2,4-TRICHLOROBENZENE		47	.5
66	HEXACHLOROBUTADIENE		40	.5
67	NAPHTHALENE		50	.5
68	1,2,3-TRICHLOROBENZENE		47	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		790	5.0

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/08/2002 Time: 16:24:47

Sample: AE00105
 Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 01/04/02 14:16 Ended: 01/04/02 14:16 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.1	.5
2	Surr - 4-BROMOFLUOROBENZE		6.5	.5
3	Dichlorodifluoromethane	USPEC	162.5	.5
4	Chloromethane	USPEC	222.5	.5
5	Vinyl chloride	USPEC	175	.5
6	Bromomethane	USPEC	172.5	.5
7	Chloroethane	USPEC	165	.5
8	Trichlorofluoromethane		125	.5
9	1,1-Dichloroethene		105	.5
10	Methylene Chloride		107.5	.5
11	Methyl tert butyl ether		82.5	1.0
12	trans-1,2-dichloroethene		105	.5
13	1,1-dichloroethane		105	.5
14	2-butanone (MEK)		85	2.0
15	2,2-dichloropropane		107.5	.5
16	cis-1,2-dichloroethene		100	.5
17	Chloroform		107.5	.5
18	Bromochloromethane		105	.5
19	1,2-dichloroethane		102.5	.5
20	Surr - TOLUENE-D8		4.4	.5
21	1,1,1-trichloroethane		100	.5
22	1,1-dichloropropene		95	.5
23	Carbon tetrachloride		105	.5
24	Benzene		90	.5
25	Trichloroethene		92.5	.5
26	1,2-dichloropropane		87.5	.5
27	Dibromomethane		97.5	.5
28	Bromodichloromethane		100	.5
29	Methyl iso-butyl ketone		72.5	1.0
30	cis-1,3-dichloropropene		95	.5
31	Toluene		95	.5
32	trans-1,3-dichloropropene		97.5	.5
33	1,1,2-trichloroethane		100	.5
34	Tetrachloroethene		112.5	.5
35	1,3-dichloropropane		102.5	.5
36	Dibromochloromethane		110	2.0
37	Chlorobenzene		102.5	.5
38	1,1,1,2-tetrachloroethane		107.5	.5
39	Ethylbenzene		105	.5
40	P & M-xylene		106.25	.5
41	O-xylene		112.5	.5
42	Styrene		110	.5
43	1,1,2,2-tetrachloroethane		125	.5
44	Bromoform		95	2.0
45	Isopropylbenzene		80	.5
46	1,2,3-trichloropropane		80	.5
47	N-propylbenzene		87.5	.5

fail high

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/08/2002 Time: 16:24:47

Sample: AE00105
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 01/04/02 14:16 Ended: 01/04/02 14:16 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		87.5	.5
49	1,3,5-trimethylbenzene		82.5	.5
50	2-chlorotoluene		87.5	.5
51	4-chlorotoluene		85	.5
52	TERT-butylbenzene		92.5	.5
53	1,2,4-trimethylbenzene		87.5	.5
54	SEC-butylbenzene		92.5	.5
55	P-isopropyltoluene		87.5	.5
56	1,3-dichlorobenzene		97.5	.5
57	1,4-dichlorobenzene		100	.5
58	N-butylbenzene		100	.5
59	1,2-dichlorobenzene		102.5	.5
60	1,2,4-trichlorobenzene		117.5	.5
61	Hexachlorobutadiene		100	.5
62	Naphthalene		125	.5
63	1,2,3-trichlorobenzene		117.5	.5
64	Ethanol		< MDL	
65	Nitrobenzene		99	5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\0103R40.D
 Acq On : 3 Jan 2002 11:29 am
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 12:08 2002

Vial: 3
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.39	114	863084	5.00	ug/L	0.04
22) CHLOROBENZENE-D5	21.00	117	937941	5.00	ug/L	0.04
50) 1,4-DICHLOROBENZENE-D4	26.16	152	748169	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.62	65	292742	5.15	ug/L	0.04
Spiked Amount	5.000		Recovery	=	103.00%	
3) 4-BROMOFLUOROBENZENE	23.57	174	433429	6.54	ug/L	0.04
Spiked Amount	5.000		Recovery	=	130.80%	
23) TOLUENE-D8	17.71	98	1096372	4.41	ug/L	0.04
Spiked Amount	5.000		Recovery	=	88.20%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.47	85	1826906	64.87	ug/L	100
5) CHLOROMETHANE	4.97	50	1561845	89.18	ug/L	97
6) VINYL CHLORIDE	5.10	62	1227561	70.48	ug/L	96
7) BROMOMETHANE	6.04	94	1054757	69.24	ug/L	98
8) CHLOROETHANE	6.18	64	792874	66.40	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.71	101	1882897	49.81	ug/L	98
10) ACETONE	7.64	43	200583	34.64	ug/L	95
11) 1,1-DICHLOROETHENE	7.98	61	2056336	41.93	ug/L	95
12) METHYLENE CHLORIDE	8.95	49	2041472	42.93	ug/L	92
13) METHYL TERT BUTYL ETHER	9.24	73	2044166	32.58	ug/L	98
14) TRANS-1,2-DICHLOROETHENE	9.60	61	2229687	41.91	ug/L	90
15) 1,1-DICHLOROETHANE	10.49	63	2777077	41.85	ug/L	98
16) 2-BUTANONE (MEK)	11.30	43	342996	33.53	ug/L	92
17) 2,2-DICHLOROPROPANE	11.68	77	2340888	42.81	ug/L	100
18) CIS-1,2-DICHLOROETHENE	11.78	96	1495332	40.22	ug/L	86
19) CHLOROFORM	12.11	83	2702822	42.69	ug/L	99
20) BROMOCHLOROMETHANE	12.48	49	1250248	41.62	ug/L	89
21) 1,2-DICHLOROETHANE	13.81	62	1764934	41.42	ug/L	99
24) 1,1,1-TRICHLOROETHANE	12.99	97	2293682	39.81	ug/L	98
25) 1,1-DICHLOROPROPENE	13.32	75	2178539	38.32	ug/L	97
26) CARBON TETRACHLORIDE	13.57	117	2054862	41.94	ug/L	99
27) BENZENE	13.91	78	5990786	36.25	ug/L	98
28) TRICHLOROETHENE	15.17	95	1617104	36.53	ug/L	97
29) 1,2-DICHLOROPROPANE	15.53	63	1596523	34.68	ug/L	100
30) DIBROMOMETHANE	16.19	174	634337	38.71	ug/L	80
31) BROMODICHLOROMETHANE	16.04	83	2118418	39.94	ug/L	98
32) 2-CHLOROETHYL VINYL ETHER	16.54	63	512537	29.98	ug/L	92
33) Methyl iso-butyl ketone	16.60	58	257948	29.34	ug/L	98

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

0103R40.D HP121001.M Thu Jan 03 12:08:50 2002

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\0103R40.D
 Acq On : 3 Jan 2002 11:29 am
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 12:08 2002

Vial: 3
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.13	75	2530247	38.10	ug/L	98
35) TOLUENE	17.88	91	7137396	38.27	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.17	75	2036336	39.48	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.55	97	1025324	40.14	ug/L	99
38) TETRACHLOROETHENE	19.31	166	1978347	44.99	ug/L	97
39) 1,3-DICHLOROPROPANE	19.07	76	2042290	41.39	ug/L	98
40) DIBROMOCHLOROMETHANE	19.74	129	1364037	43.93	ug/L	98
41) 1,2-DIBROMOETHANE	20.20	107	990179	40.72	ug/L	98
42) CHLOROBENZENE	21.08	112	5088043	41.02	ug/L	95
43) 1,1,1,2-TETRACHLOROETHANE	21.12	131	1750480	43.28	ug/L	98
44) 2-HEXANONE	18.44	43	545489	37.14	ug/L	98
45) ETHYLBENZENE	21.12	91	9650081	42.01	ug/L	98
46) P & M-XYLENE	21.29	106	7323376	84.86	ug/L	99
47) O-XYLENE	22.26	91	8191441	44.74	ug/L	99
48) STYRENE	22.31	104	6252037	43.91	ug/L	96
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	1353387	49.53	ug/L	99
51) BROMOFORM	23.15	173	854874	37.80	ug/L	99
52) ISOPROPYLBENZENE	22.98	105	10578711	32.38	ug/L	98
53) 1,2,3-TRICHLOROPROPANE	23.66	110	379288	31.83	ug/L	90
54) N-PROPYLBENZENE	23.84	91	14973454	35.34	ug/L	99
55) BROMOBENZENE	24.07	156	2406475	34.57	ug/L	86
56) 1,3,5-TRIMETHYLBENZENE	24.17	105	9243853	32.76	ug/L	99
57) 2-CHLOROTOLUENE	24.32	91	9301916	34.62	ug/L	94
58) 4-CHLOROTOLUENE	24.39	91	8207068	34.11	ug/L	98
59) TERT-BUTYLBENZENE	24.95	134	2213103	36.71	ug/L	90
60) 1,2,4-TRIMETHYLBENZENE	25.04	105	10349050	35.33	ug/L	99
61) SEC-BUTYLBENZENE	25.41	105	14620030	37.20	ug/L	97
62) P-ISOPROPYLTOLUENE	25.67	119	11067810	35.07	ug/L	97
63) 1,3-DICHLOROBENZENE	26.01	146	5832305	38.76	ug/L	97
64) 1,4-DICHLOROBENZENE	26.23	146	5945145	39.50	ug/L	97
65) N-BUTYLBENZENE	26.55	91	12020990	39.81	ug/L	98
66) 1,2-DICHLOROBENZENE	27.06	146	5099685	41.07	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.72	157	270646	42.63	ug/L	95
68) NITROBENZENE	28.90	77	2057024	786.19	ug/L	90
69) 1,2,4-TRICHLOROBENZENE	30.64	180	3264825	47.43	ug/L	98
70) HEXACHLOROBUTADIENE	30.90	225	1656955	39.62	ug/L	100
71) NAPHTHALENE	31.32	128	3782990	49.86	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.87	180	2383631	47.18	ug/L	99

(#) = qualifier out of range (m) = manual integration
 0103R40.D HP121001.M Thu Jan 03 12:08:54 2002

Page 2

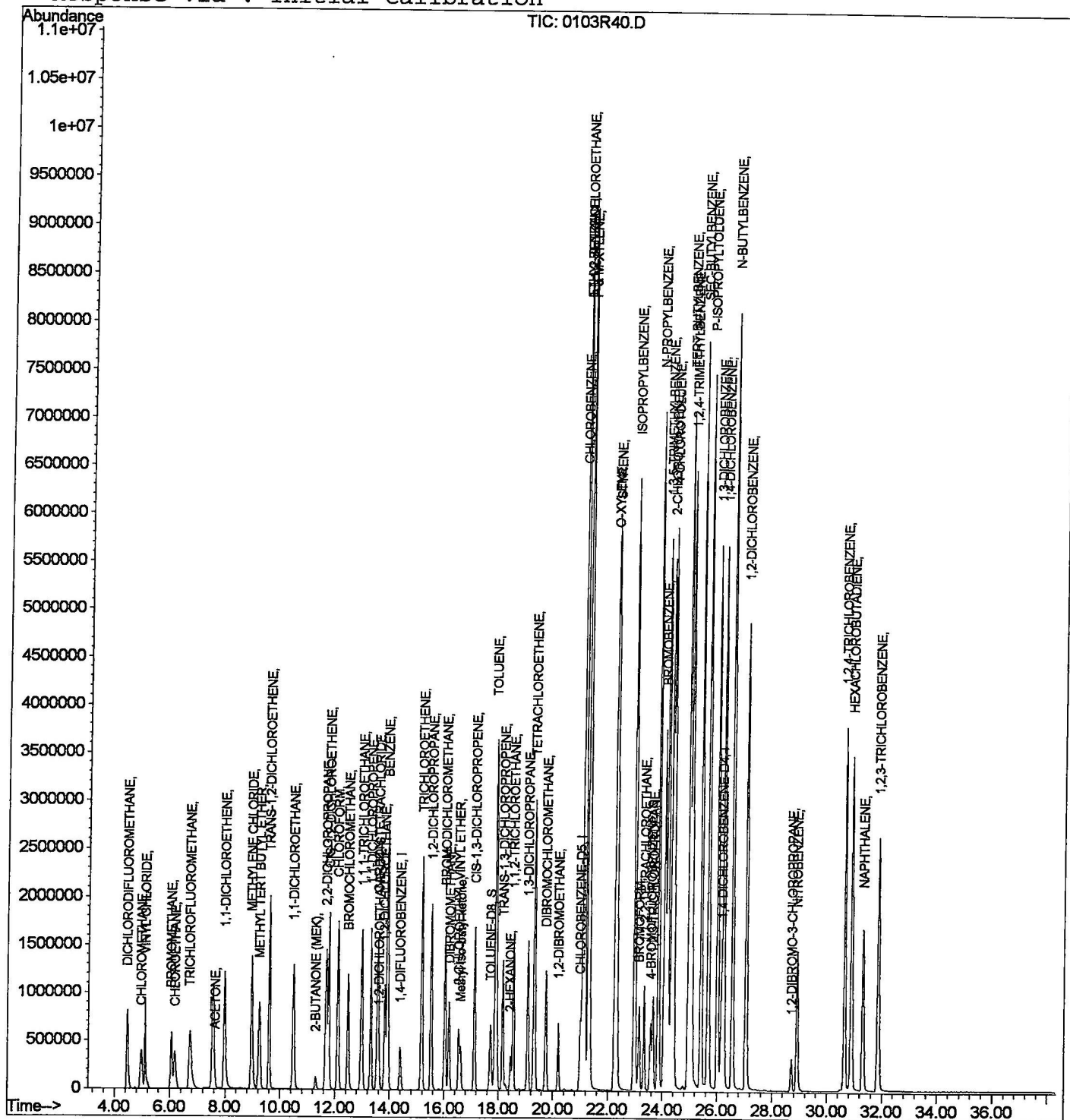
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\0103R40.D
Acq On : 3 Jan 2002 11:29 am
Sample : ref 40
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 12:08 2002

Vial: 3
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02JAN03\0103B2.D
Acq On : 3 Jan 2002 12:14 pm
Sample :
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 12:53 2002

Vial: 4
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Dec 20 09:38:26 2001
Response via : Initial Calibration
DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	975910	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.00	117	932563	5.00	ug/L	0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	459614	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.62	65	320576	4.99	ug/L	0.04
Spiked Amount	5.000		Recovery	=	99.80%	
3) 4-BROMOFLUOROBENZENE	23.59	174	328359	4.38	ug/L	0.05
Spiked Amount	5.000		Recovery	=	87.60%	
23) TOLUENE-D8	17.73	98	1198560	4.85	ug/L	0.05
Spiked Amount	5.000		Recovery	=	97.00%	

Target Compounds

					Qvalue
16) 2-BUTANONE (MEK)	11.37	43	2396	0.21 ug/L	64
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	2977	0.11 ug/L	93
63) 1,3-DICHLOROBENZENE	26.02	146	9988	0.11 ug/L	95
64) 1,4-DICHLOROBENZENE	26.23	146	12711	0.14 ug/L	91
65) N-BUTYLBENZENE	26.59	91	29282	0.16 ug/L	94
66) 1,2-DICHLOROBENZENE	27.08	146	14612	0.19 ug/L	86
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.73	157	1638	0.42 ug/L	74
68) NITROBENZENE	28.92	77	124173	77.25 ug/L	94
69) 1,2,4-TRICHLOROBENZENE	30.66	180	35030	0.83 ug/L	98
70) HEXACHLOROBUTADIENE	30.91	225	22612	0.88 ug/L	96
71) NAPHTHALENE	31.32	128	73493	1.58 ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.89	180	67248	2.17 ug/L	97

> LOD

Carryover from ref

(#) = qualifier out of range (m) = manual integration
0103B2.D HP121001.M Fri Jan 04 15:41:44 2002

Page 1

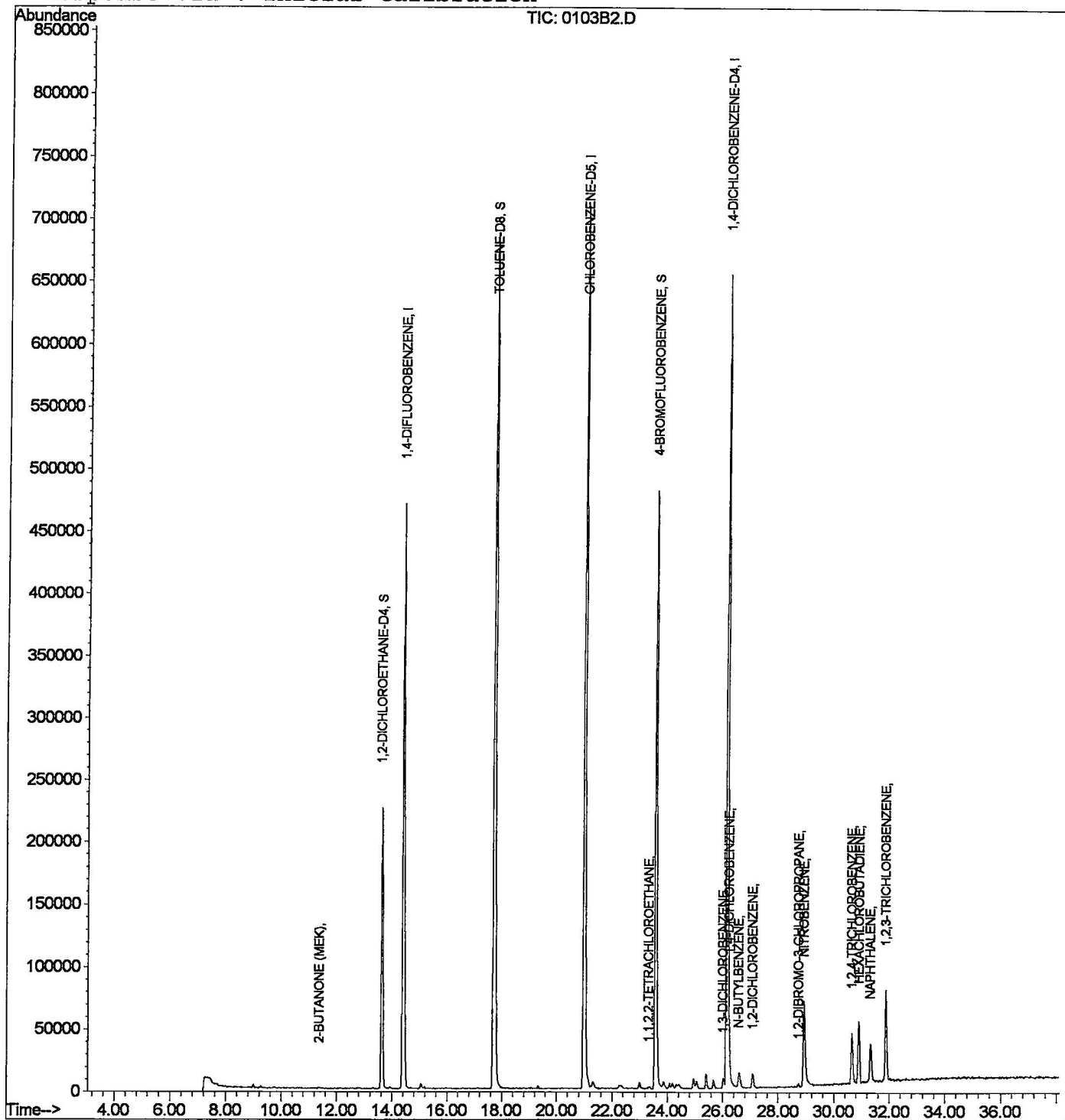
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02JAN03\0103B2.D
Acq On : 3 Jan 2002 12:14 pm
Sample :
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 12:53 2002

Vial: 4
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Dec 20 09:38:26 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 14:31:42

Sample: AE00100
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/3/01 00:01 Ended: 1/3/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\00100.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		4.9		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/8/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 14:31:42

Sample: AE00100

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/3/01 00:01 Ended: 1/3/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\00100.rr

Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00100.D
 Acq On : 3 Jan 2002 1:29 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 14:08 2002

Vial: 5
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	741266	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.00	117	715495	5.00	ug/L	0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	337049	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	250494	5.13	ug/L	0.04
Spiked Amount 5.000			Recovery	=	102.60%	
3) 4-BROMOFLUOROBENZENE	23.59	174	241232	4.24	ug/L	0.05
Spiked Amount 5.000			Recovery	=	84.80%	
23) TOLUENE-D8	17.73	98	936861	4.94	ug/L	0.05
Spiked Amount 5.000			Recovery	=	98.80%	
Target Compounds						
10) ACETONE	7.65	43	9017	1.81	ug/L	Qvalue 87
16) 2-BUTANONE (MEK)	11.39	43	1793	0.20	ug/L	64
69) 1,2,4-TRICHLOROBENZENE	30.68	180	4942	0.16	ug/L	96
70) HEXACHLOROBUTADIENE	30.91	225	6045	0.32	ug/L	93
72) 1,2,3-TRICHLOROBENZENE	31.90	180	6504	0.29	ug/L	97

do {
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 (#) = qualifier out of range (m) = manual integration
 00100.D HP121001.M Thu Jan 03 14:08:22 2002

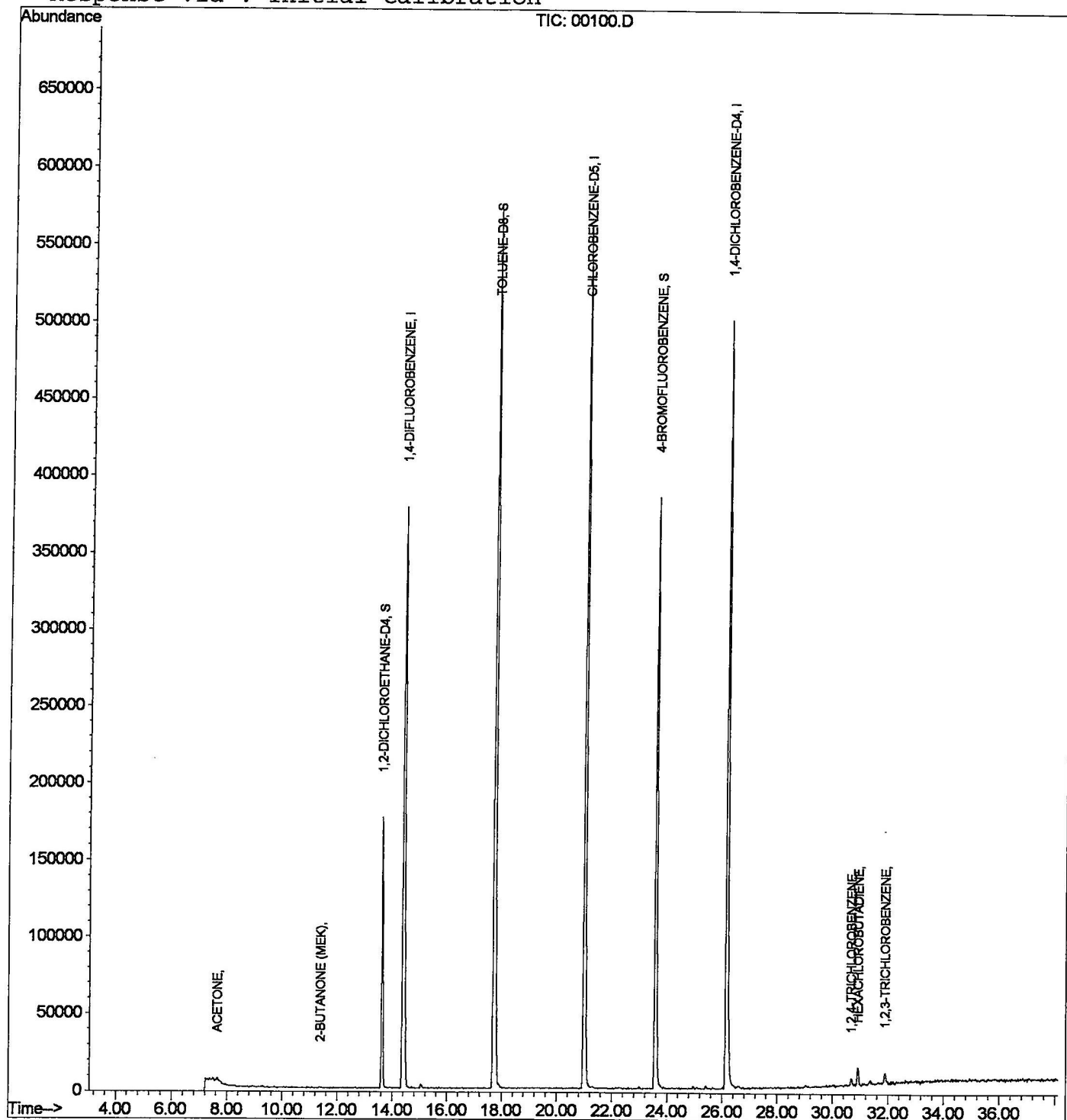
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00100.D
Acq On : 3 Jan 2002 1:29 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 14:08 2002

Vial: 5
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00100.D
 Acq On : 3 Jan 2002 1:29 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

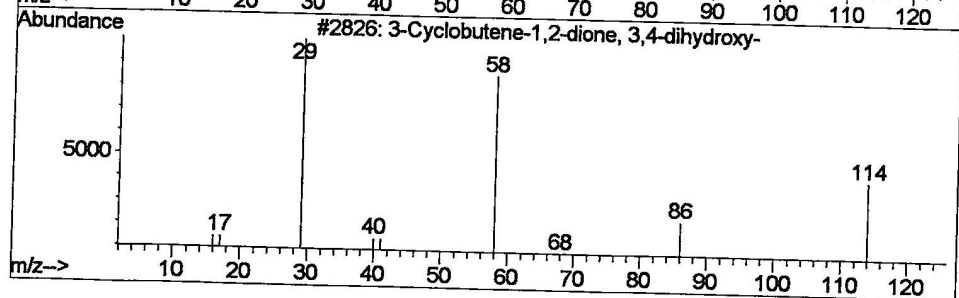
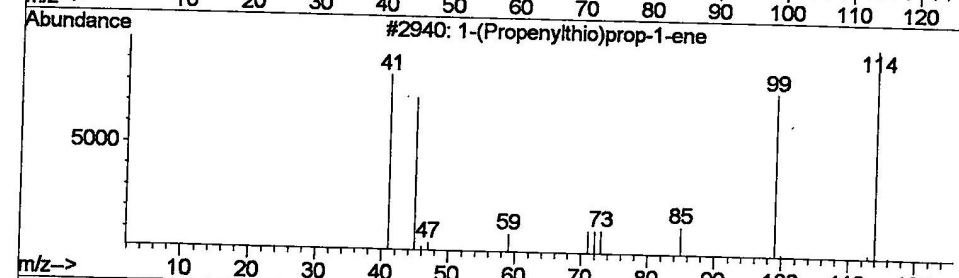
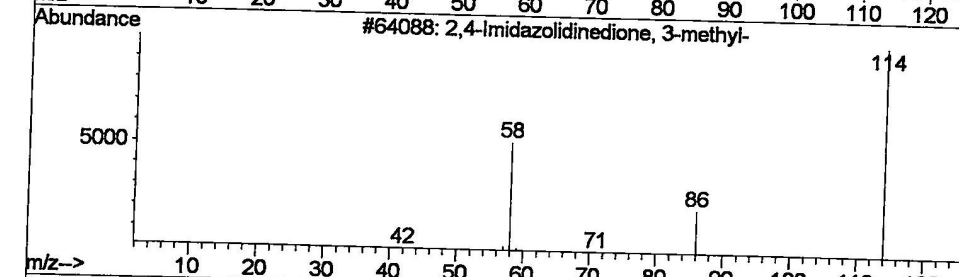
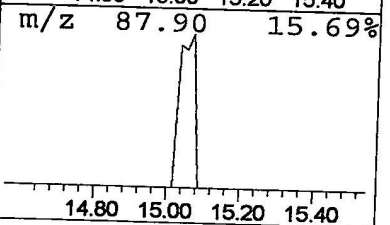
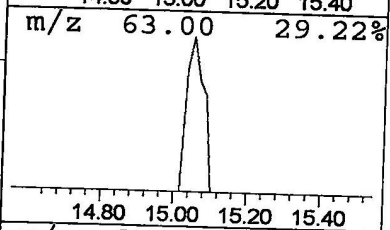
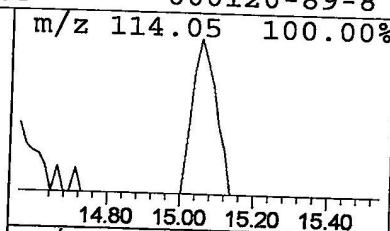
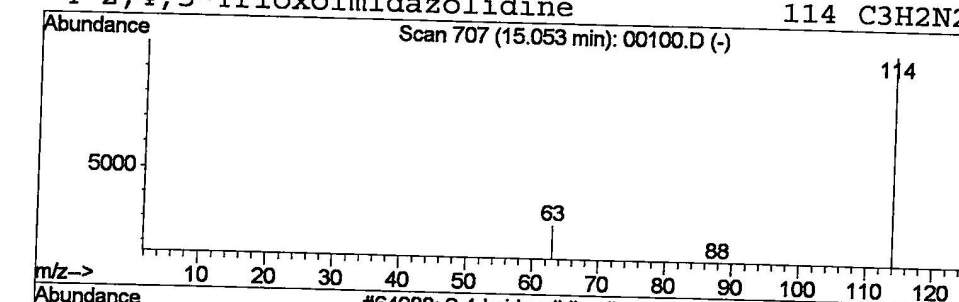
Vial: 5
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.03 ug/L	10376	1,4-DIFLUOROBENZENE	14.41

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	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00100.D
Acq On : 3 Jan 2002 1:29 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P

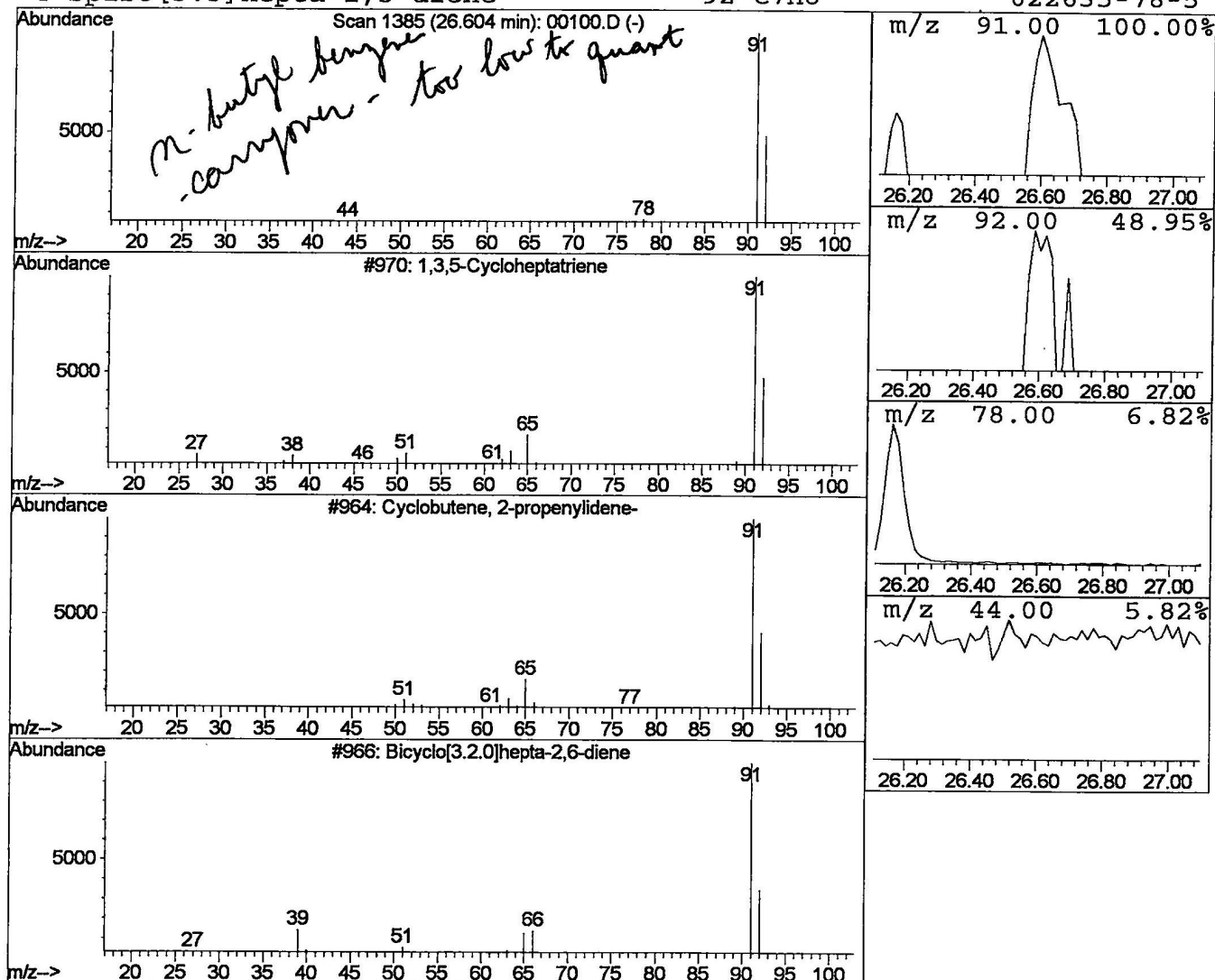
Vial: 5
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 3 1,3,5-Cycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.60	0.02 ug/L	9723	1,4-DICHLOROBENZENE-D4	26.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	4
2			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	4
3			Bicyclo[3.2.0]hepta-2,6-diene	92	C7H8	002422-86-8	4
4			Spiro[3.3]hepta-1,5-diene	92	C7H8	022635-78-5	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00100.D
 Acq On : 3 Jan 2002 1:29 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

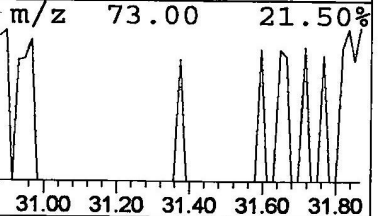
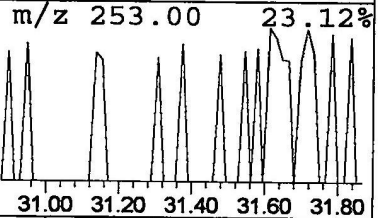
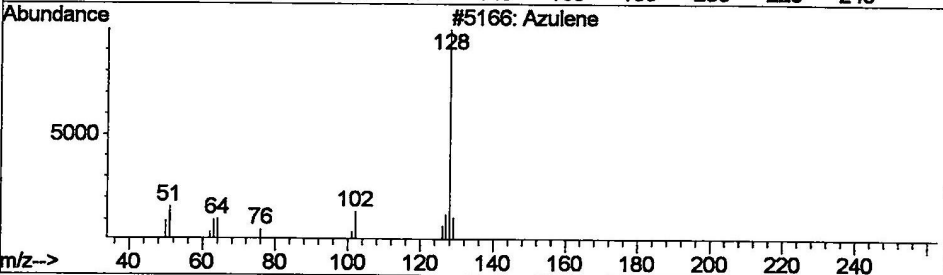
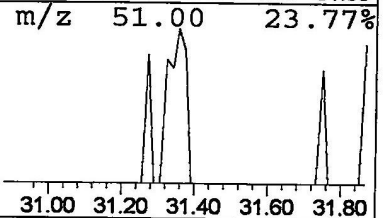
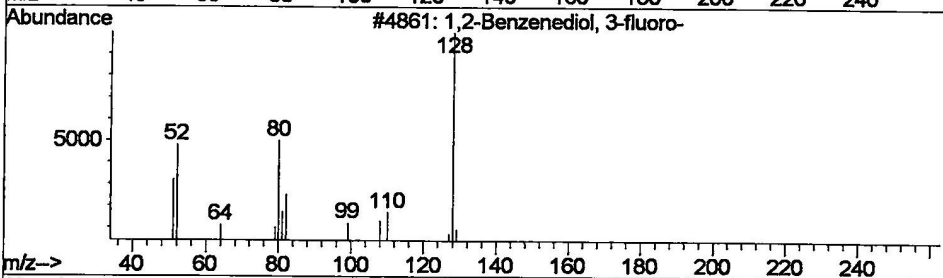
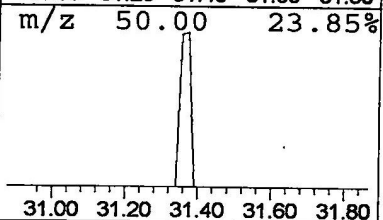
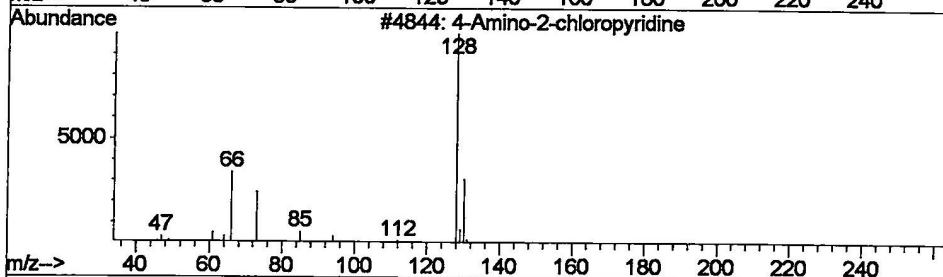
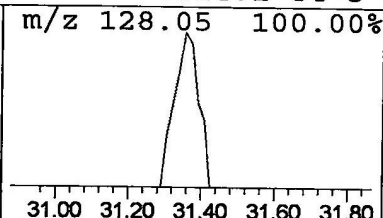
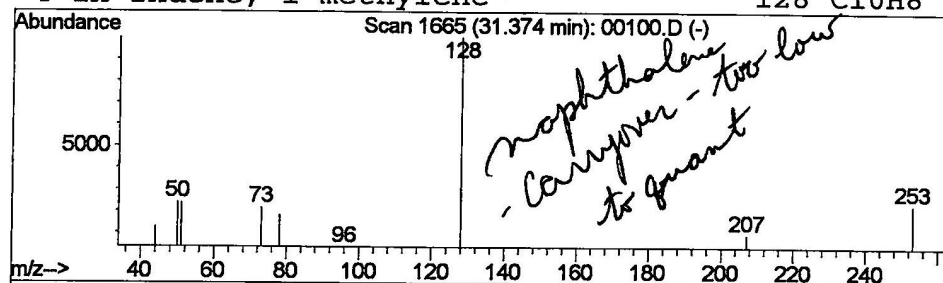
Vial: 5
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 4-Amino-2-chloropyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.37	0.03 ug/L	12616	1,4-DICHLOROBENZENE-D4	26.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Amino-2-chloropyridine	128	C5H5ClN2	014432-12-3	5
2			1,2-Benzenediol, 3-fluoro-	128	C6H5FO2	000363-52-0	4
3			Azulene	128	C10H8	000275-51-4	4
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 14:48:37

Sample: AE00101
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/3/01 00:02 Ended: 1/3/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\00101.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-DB		4.9		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY	<u>AV</u>
DATE	<u>1/8/02</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 14:48:37

Sample: AE00101

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/3/01 00:02 Ended: 1/3/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\00101.rr

Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00101.D

Acq On : 3 Jan 2002 2:13 pm

Sample : 524 nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 3 14:51 2002

Vial: 6

Operator: 206-bh

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	685133	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.02	117	662161	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	320419	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	251684	5.58	ug/L	0.05
Spiked Amount 5.000			Recovery	=	111.60%	
3) 4-BROMOFLUOROBENZENE	23.59	174	226218	4.30	ug/L	0.05
Spiked Amount 5.000			Recovery	=	86.00%	
23) TOLUENE-D8	17.73	98	852372	4.86	ug/L	0.05
Spiked Amount 5.000			Recovery	=	97.20%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.36	43	1985	0.24	ug/L	Qvalue 64

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

00101.D HP121001.M Thu Jan 03 14:51:53 2002

Page 1

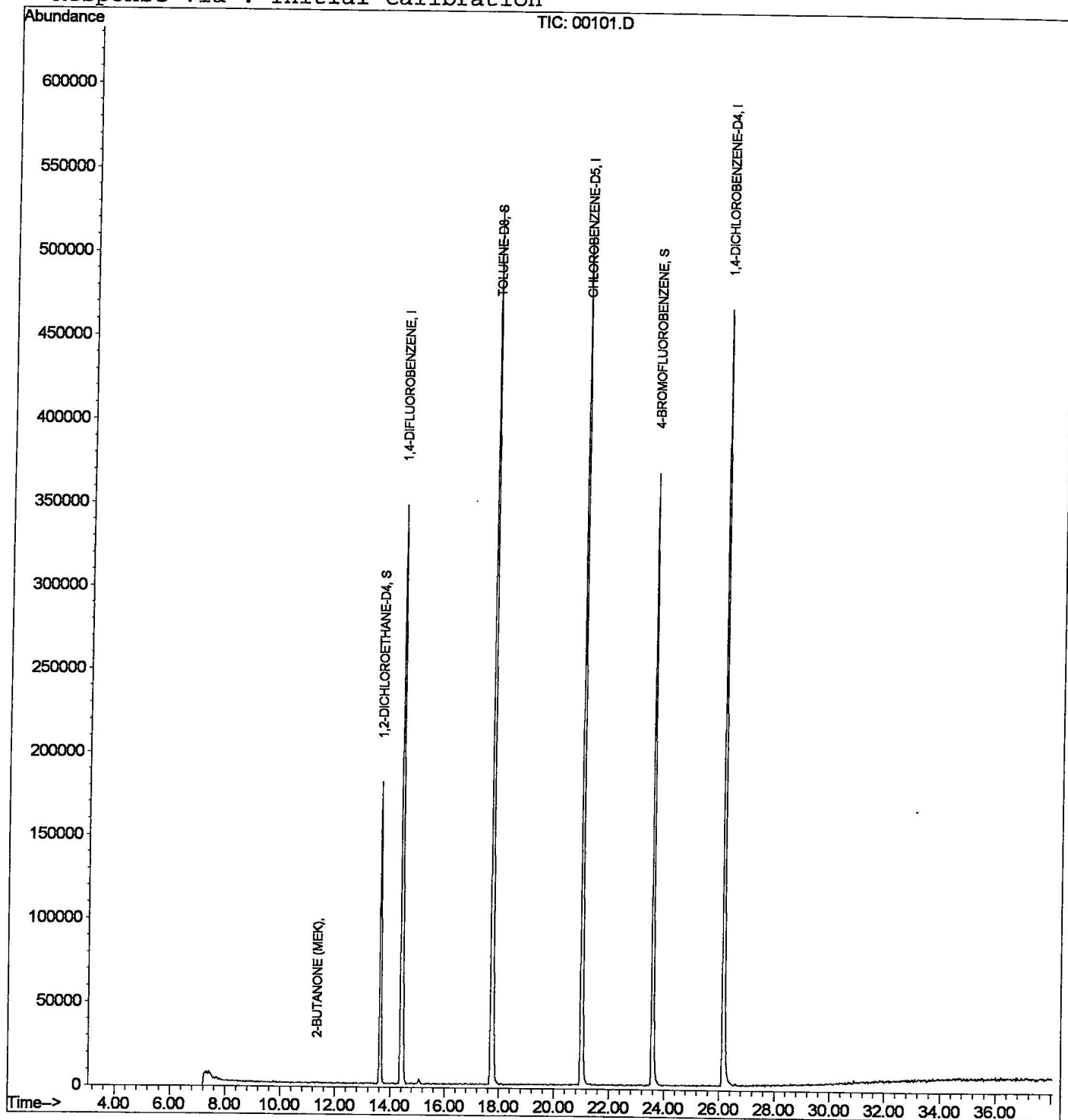
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00101.D
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 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 14:51 2002

Vial: 6
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



00101.D HP121001.M

Thu Jan 03 14:51:57 2002

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00101.D
 Acq On : 3 Jan 2002 2:13 pm
 Sample : 524 nyc
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 MS Integration Params: LSCINT.P

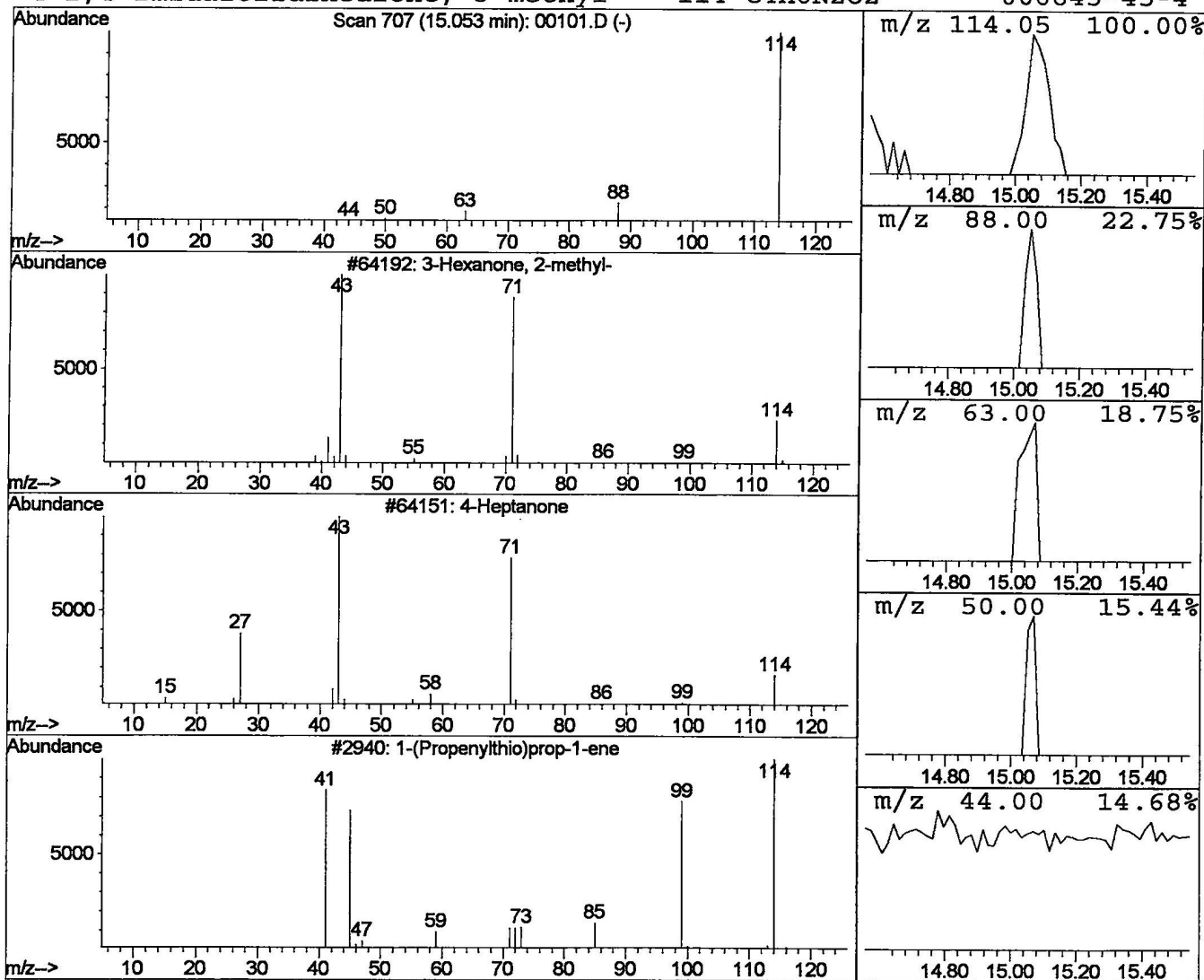
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 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 3-Hexanone, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.04 ug/L	14112	1,4-DIFLUOROBENZENE	14.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2		4-Heptanone	114	C7H14O	000123-19-3	3
3		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4		2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 14:56:28

Sample: AE00104

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/3/01 00:03 Ended: 1/3/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\00104.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.0		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/8/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 14:56:28

Sample: AE00104

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/3/01 00:03 Ended: 1/3/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\00104.rr

Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00104.D
 Acq On : 3 Jan 2002 3:40 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 16:18 2002

Vial: 8
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	618377	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.02	117	601686	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	295337	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	238471	5.85	ug/L	0.05
Spiked Amount 5.000			Recovery	=	117.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	203233	4.28	ug/L	0.05
Spiked Amount 5.000			Recovery	=	85.60%	
23) TOLUENE-D8	17.73	98	804738	5.04	ug/L	0.05
Spiked Amount 5.000			Recovery	=	100.80%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.39	43	2317	0.32	ug/L	Qvalue 64

 (#) = qualifier out of range (m) = manual integration
 00104.D HP121001.M Thu Jan 03 16:19:02 2002

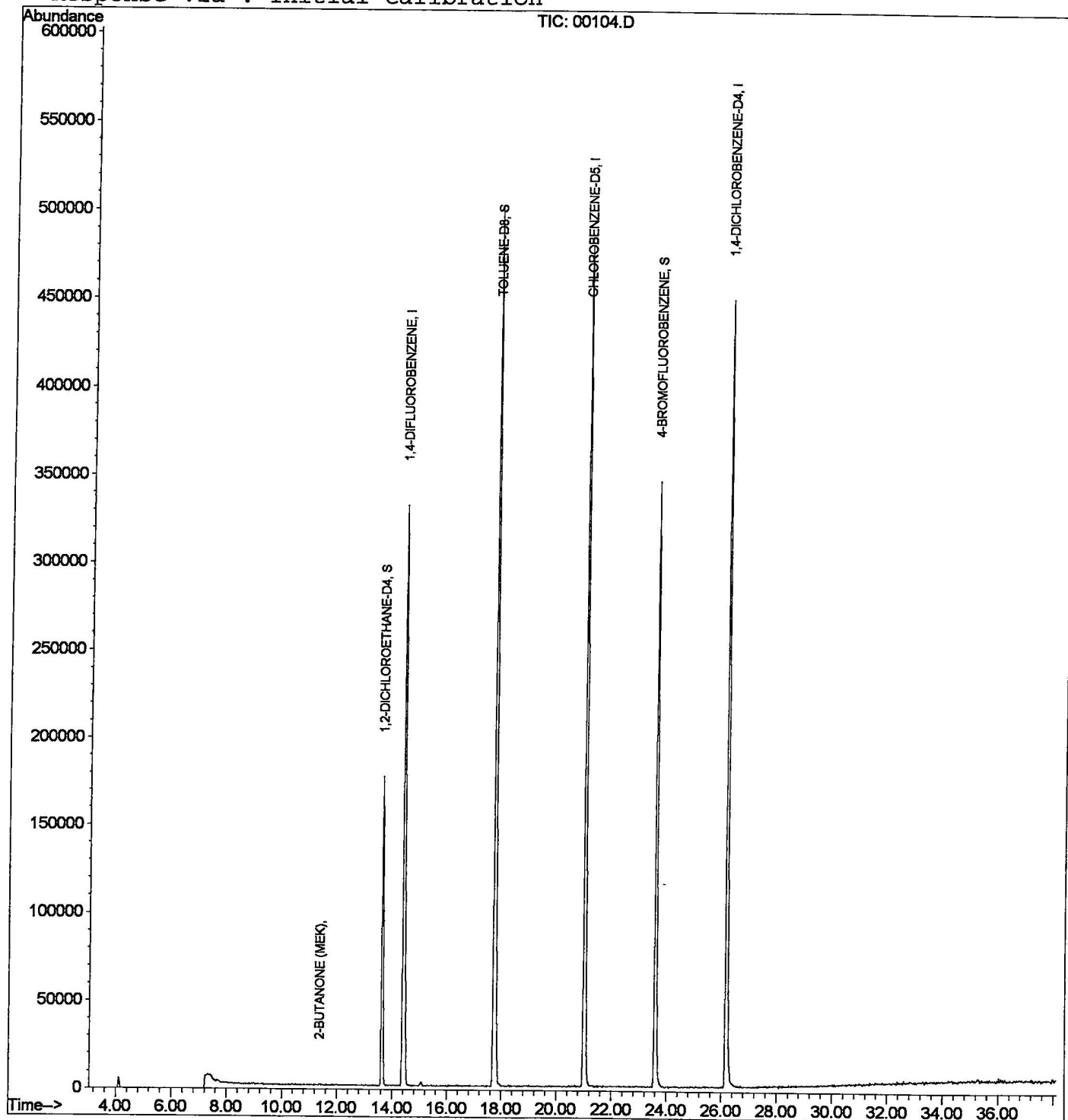
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00104.D
Acq On : 3 Jan 2002 3:40 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 16:18 2002

Vial: 8
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



00104.D HP121001.M

Thu Jan 03 16:19:05 2002

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00104.D
 Acq On : 3 Jan 2002 3:40 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

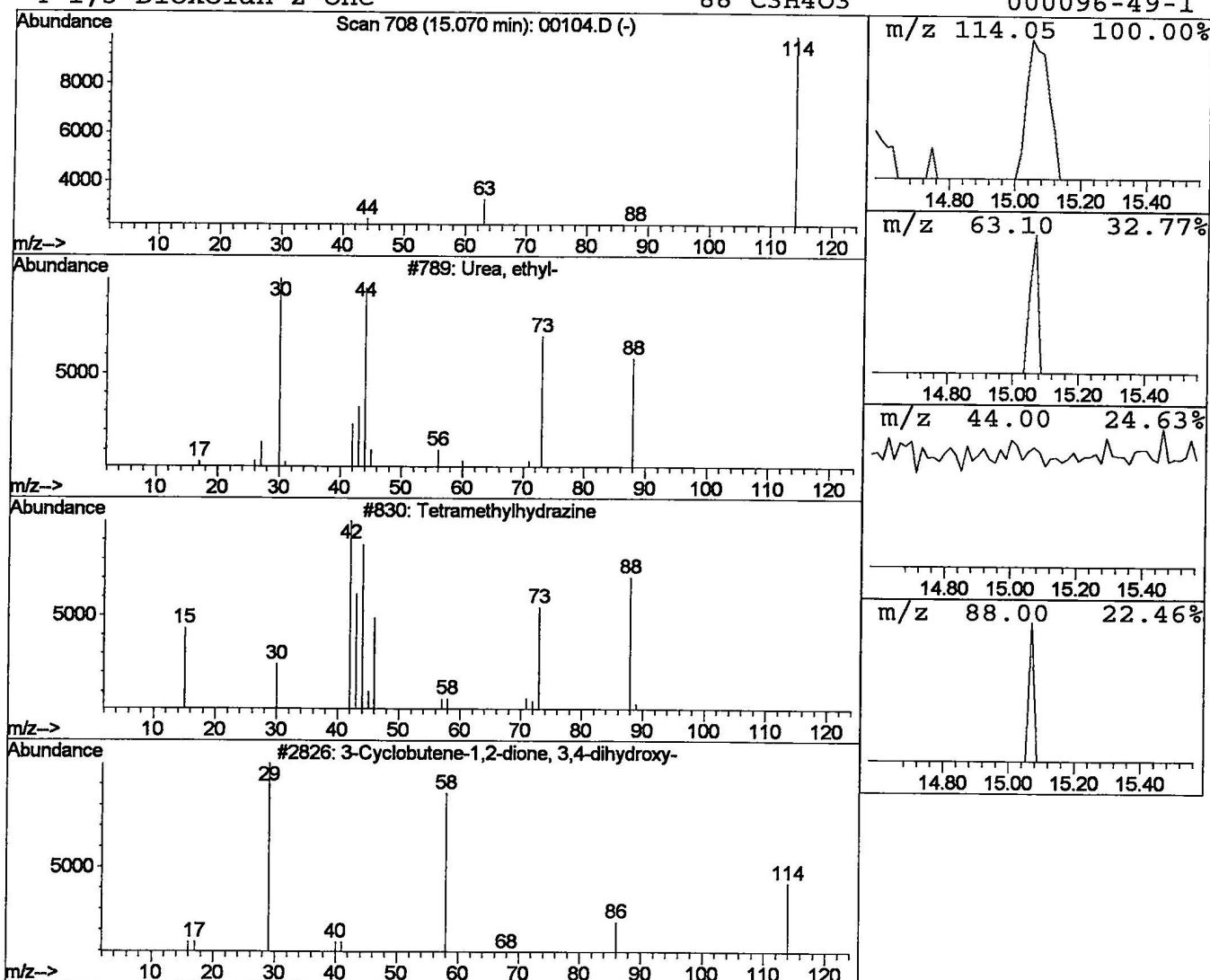
Vial: 8
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 Urea, ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	9765	1,4-DIFLUOROBENZENE	14.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2		Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
3		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
4		1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 14:21:52

Sample: AE00105

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/3/01 00:04 Ended: 1/3/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\00105.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/8/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 14:21:52

Sample: AE00105
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/3/01 00:04 Ended: 1/3/01 00:04 Analyst: BH
Result source: m:\instruments\206\rrfiles\00105.rr
Page: 2

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

Data File : C:\HPCHEM\1\DATA\02jan03\00105.D
Acq On : 3 Jan 2002 4:23 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 17:02 2002

Vial: 9
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Dec 20 09:38:26 2001
Response via : Initial Calibration
DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	585010	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.02	117	560346	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	279437	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	224406	5.82	ug/L	0.05
Spiked Amount 5.000			Recovery	=	116.40%	
3) 4-BROMOFLUOROBENZENE	23.59	174	189878	4.23	ug/L	0.05
Spiked Amount 5.000			Recovery	=	84.60%	
23) TOLUENE-D8	17.73	98	757777	5.10	ug/L	0.05
Spiked Amount 5.000			Recovery	=	102.00%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.39	43	1652	0.24	ug/L	Qvalue 64

(#) = qualifier out of range (m) = manual integration
00105.D HP121001.M Thu Jan 03 17:02:40 2002

Page 1

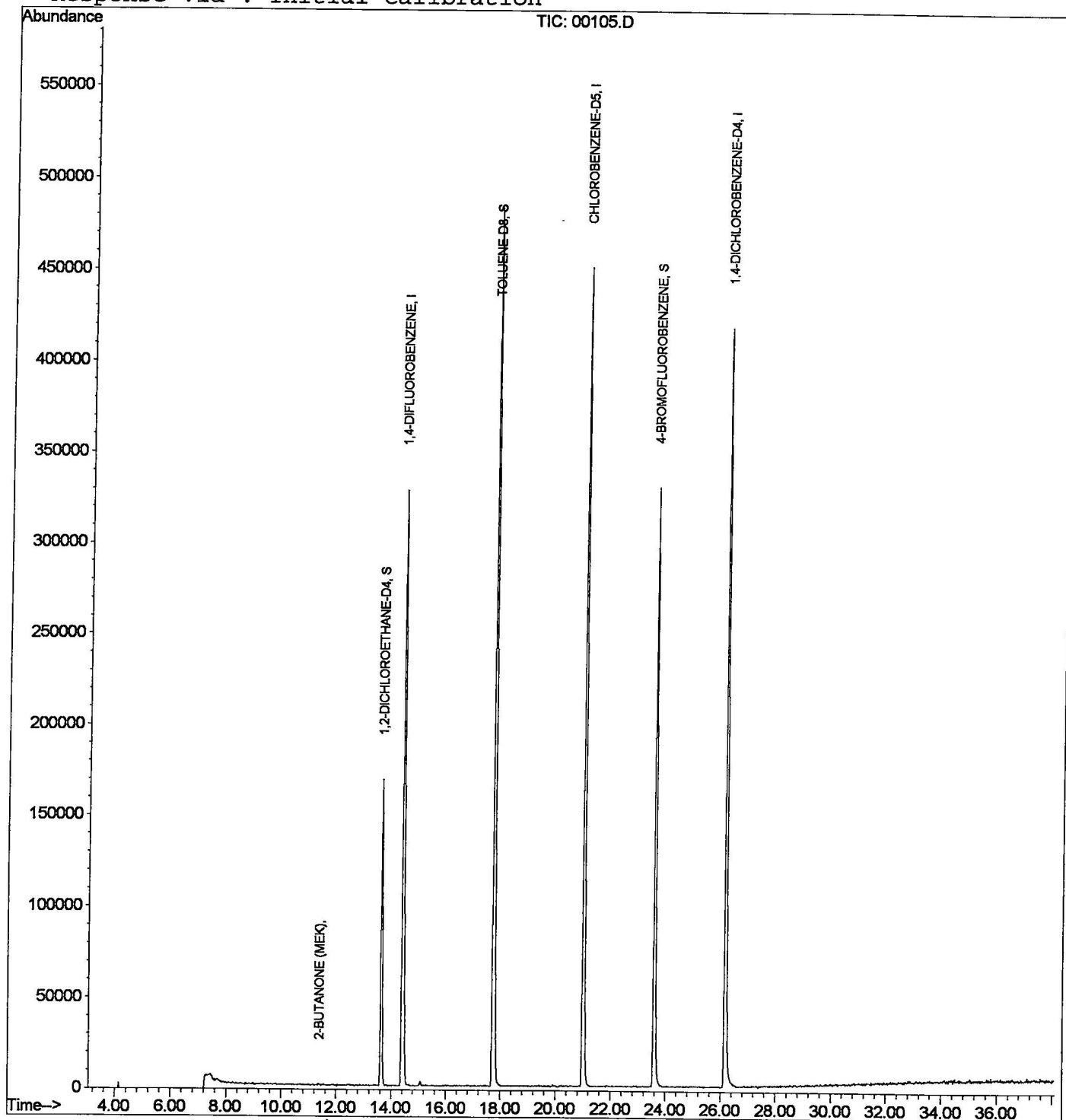
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00105.D
Acq On : 3 Jan 2002 4:23 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 17:02 2002

Vial: 9
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



00105.D HP121001.M

Thu Jan 03 17:02:43 2002

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00105.D
 Acq On : 3 Jan 2002 4:23 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

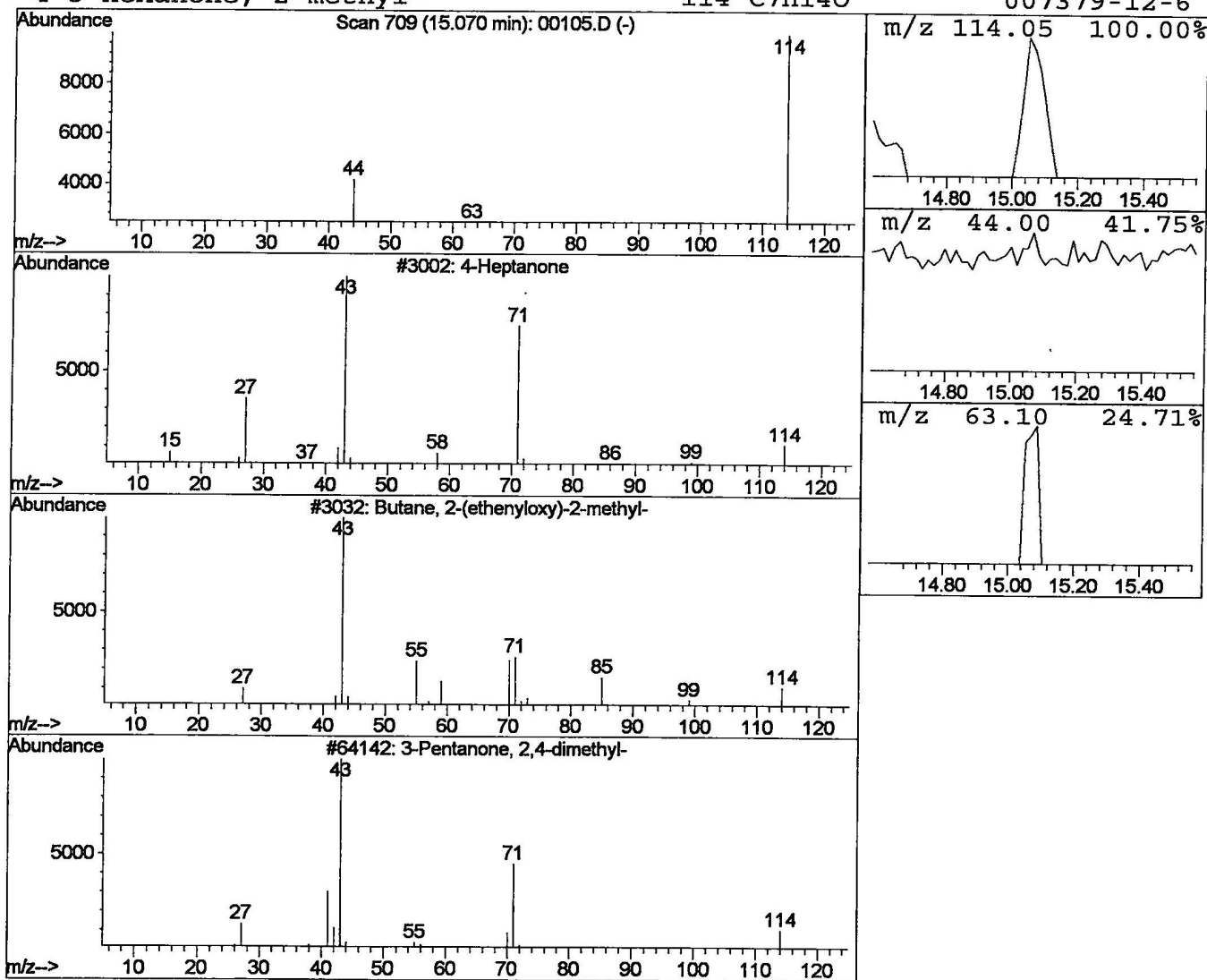
Vial: 9
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 4-Heptanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	9536	1,4-DIFLUOROBENZENE	14.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone		114	C7H14O	000123-19-3	3
2	Butane, 2-(ethenyloxy)-2-methyl-		114	C7H14O	029281-39-8	3
3	3-Pentanone, 2,4-dimethyl-		114	C7H14O	000565-80-0	3
4	3-Hexanone, 2-methyl-		114	C7H14O	007379-12-6	3



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/08/2002 Time: 15:36:23

Sample: AE00105
 Analysis: SC2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 01/03/01 00:05 Ended: 01/03/01 00:05 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr 1,2-DICHLOROETHANE-D4		5.7	.5
2	Surr 4-BROMOFLUOROBENZEN		5.9	.5
3	Dichlorodifluoromethane		11	.5
4				
5				
6	Bromomethane		13	.5
7	Chloroethane		13	.5
8	Trichlorofluoromethane		10	.5
9	1,1-Dichloroethene		10	.5
10	Methylene Chloride		12	.5
11	Methyl tert-butyl ether (MTB		9.3	1.0
12	trans-1,2-dichloroethene		10	.5
13	1,1-dichloroethane		10	.5
14	2-butanone (MEK)		9.6	2.0
15	2,2-dichloropropane		9.7	.5
16	cis-1,2-dichloroethene		9.8	.5
17	Chloroform		11	.5
18	Bromochloromethane		11	.5
19	1,2-dichloroethane		11	.5
20	Surr TOLUENE-D8		4.8	.5
21	1,1,1- trichloroethane		11	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		11	.5
24	Benzene		10	.5
25	Trichloroethene		10	.5
26	1,2-dichloropropane		10	.5
27	Dibromomethane		9.8	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		8.5	1.0
30	cis-1,3-dichloropropene		9.9	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		10	.5
38	1,1,1,2-tetrachloroethane		10	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		20	.5
41	O-xylene		11	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		13	.5
44	Bromoform		8.4	2.0
45	Isopropylbenzene		7.6	.5
46	1,2,3-trichloropropane		8.5	.5
47	N-propylbenzene		8.0	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/08/2002 Time: 15:36:23

Sample: AE00105
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 01/03/01 00:05 Ended: 01/03/01 00:05 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		8.2	.5
49	1,3,5-trimethylbenzene		7.7	.5
50	2-chlorotoluene		7.8	.5
51	4-chlorotoluene		8.5	.5
52	TERT-butylbenzene		8.3	.5
53	1,2,4-trimethylbenzene		8.1	.5
54	SEC-butylbenzene		8.4	.5
55	P-isopropyltoluene		8.3	.5
56	1,3-dichlorobenzene		9.3	.5
57	1,4-dichlorobenzene		9.3	.5
58	N-butylbenzene		9.5	.5
59	1,2-dichlorobenzene		9.9	.5
60	1,2,4-trichlorobenzene		11	.5
61	Hexachlobutadiene		9.3	.5
62	Naphthalene		11	.5
63	1,2,3-trichlorobenzene		11	.5
64	Nitrobenzene		200	5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\0103C10A.D

Vial: 10

Acq On : 3 Jan 2002 5:07 pm

Operator: 206-bh

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 3 17:46 2002

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	630856	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.02	117	612623	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	493460	5.00	ug/L	0.07

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	236450	5.69	ug/L	0.05
Spiked Amount	5.000		Recovery	=	113.80%	
3) 4-BROMOFLUOROBENZENE	23.59	174	285517	5.90	ug/L	0.05
Spiked Amount	5.000		Recovery	=	118.00%	
23) TOLUENE-D8	17.73	98	786113	4.84	ug/L	0.05
Spiked Amount	5.000		Recovery	=	96.80%	

Target Compounds

					Qvalue
4) DICHLORODIFLUOROMETHANE	4.49	85	224817	10.92 ug/L	99
5) CHLOROMETHANE	5.01	50	196424	15.34 ug/L	99
6) VINYL CHLORIDE	5.16	62	244046	19.17 ug/L	94
7) BROMOMETHANE	6.06	94	149079	13.39 ug/L	99
8) CHLOROETHANE	6.20	64	114212	13.09 ug/L	98
9) TRICHLOROFLUOROMETHANE	6.73	101	289224	10.47 ug/L	98
10) ACETONE	7.67	43	43370	10.25 ug/L	99
11) 1,1-DICHLOROETHENE	8.01	61	375052	10.46 ug/L	94
12) METHYLENE CHLORIDE	8.99	49	419924	12.08 ug/L	95
13) METHYL TERT BUTYL ETHER	9.28	73	424833	9.26 ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.63	61	399875	10.28 ug/L	93
15) 1,1-DICHLOROETHANE	10.52	63	506640	10.45 ug/L	97
16) 2-BUTANONE (MEK)	11.34	43	71438	9.55 ug/L	98
17) 2,2-DICHLOROPROPANE	11.71	77	389390	9.74 ug/L	100
18) CIS-1,2-DICHLOROETHENE	11.80	96	266252	9.80 ug/L	92
19) CHLOROFORM	12.14	83	514366	11.11 ug/L	99
20) BROMOCHLOROMETHANE	12.51	49	247456	11.27 ug/L	92
21) 1,2-DICHLOROETHANE	13.84	62	335530	10.77 ug/L	99
24) 1,1,1-TRICHLOROETHANE	13.01	97	408786	10.86 ug/L	100
25) 1,1-DICHLOROPROPENE	13.33	75	387459	10.43 ug/L	100
26) CARBON TETRACHLORIDE	13.59	117	358875	11.21 ug/L	98
27) BENZENE	13.94	78	1076765	9.98 ug/L	99
28) TRICHLOROETHENE	15.21	95	288533	9.98 ug/L	96
29) 1,2-DICHLOROPROPANE	15.55	63	301570	10.03 ug/L	99
30) DIBROMOMETHANE	16.21	174	104373	9.75 ug/L	97
31) BROMODICHLOROMETHANE	16.06	83	387910	11.20 ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.55	63	96099	8.61 ug/L	99
33) Methyl iso-butyl ketone	16.64	58	48590	8.46 ug/L	94

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

0103C10A.D HP121001.M

Thu Jan 03 17:46:11 2002

Page 1

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00105D.D
 Acq On : 3 Jan 2002 5:51 pm
 Sample : 524 nyc dup
 Misc :
 MS Integration Params: LSCINT.P

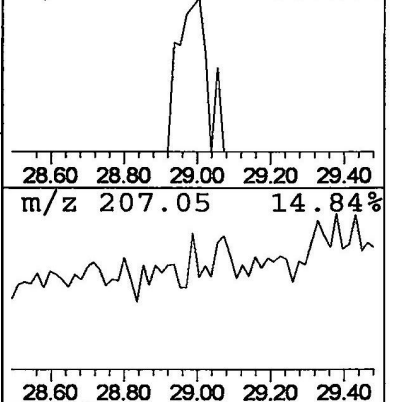
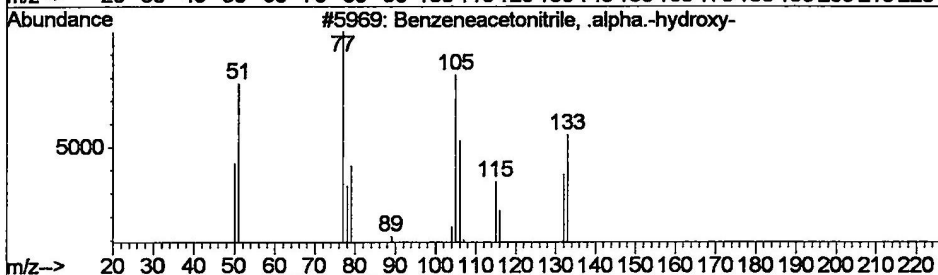
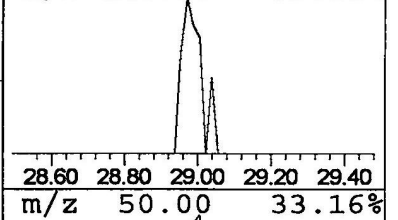
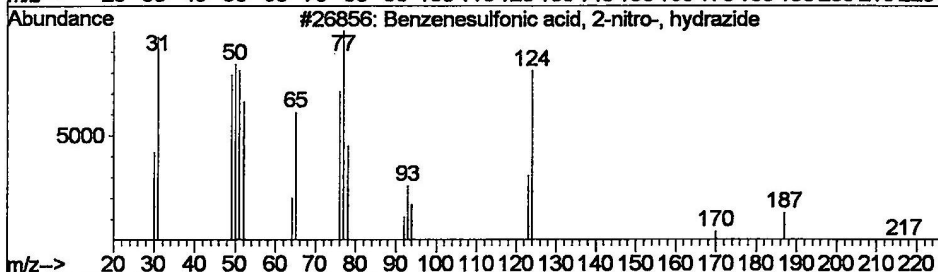
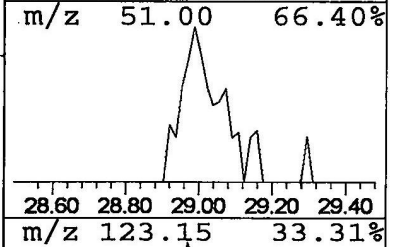
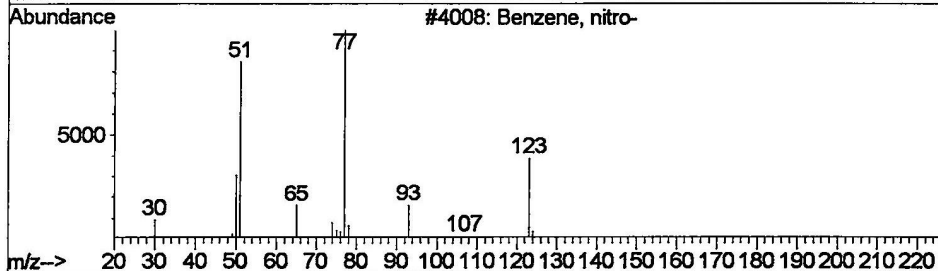
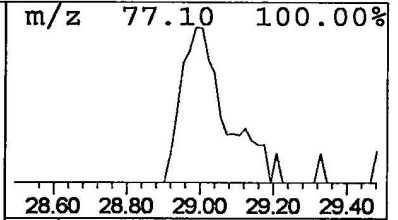
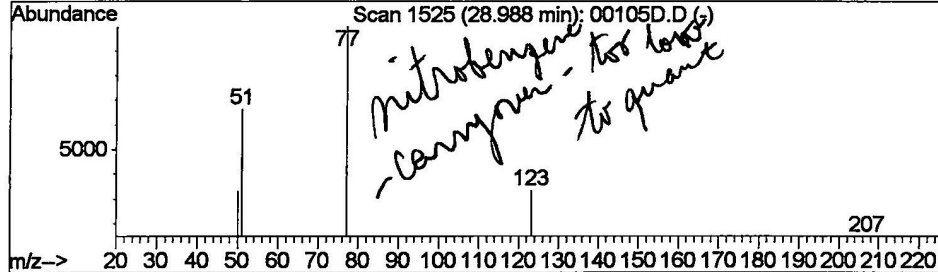
Vial: 11
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 Benzene, nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.99	0.06 ug/L	23550	1,4-DICHLOROBENZENE-D4	26.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, nitro-	123	C6H5NO2	000098-95-3	83
2		Benzenesulfonic acid, 2-nitro-, hyd	217	C6H7N3O4S	005906-99-0	9
3		Benzeneacetonitrile, .alpha.-hydrox	133	C8H7NO	000532-28-5	9
4		Benzaldehyde	106	C7H6O	000100-52-7	4



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\0103C10A.D

Vial: 10

Acq On : 3 Jan 2002 5:07 pm

Operator: 206-bh

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 3 17:46 2002

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.15	75	431612	9.95	ug/L	100
35) TOLUENE	17.91	91	1230993	10.11	ug/L	98
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	359844	10.68	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.56	97	181344	10.87	ug/L	98
38) TETRACHLOROETHENE	19.35	166	286344	9.97	ug/L	95
39) 1,3-DICHLOROPROPANE	19.09	76	347240	10.78	ug/L	98
40) DIBROMOCHLOROMETHANE	19.77	129	219526	10.83	ug/L	96
41) 1,2-DIBROMOETHANE	20.21	107	159978	10.07	ug/L	99
42) CHLOROETHENE	21.10	112	807452	9.97	ug/L	98
43) 1,1,1,2-TETRACHLOROETHANE	21.15	131	276751	10.48	ug/L	97
44) 2-HEXANONE	18.48	43	100581	10.49	ug/L	98
45) ETHYLBENZENE	21.15	91	1561456	10.41	ug/L	99
46) P & M-XYLENE	21.30	106	1148152	20.37	ug/L	99
47) O-XYLENE	22.28	91	1325698	11.09	ug/L	99
48) STYRENE	22.33	104	1010515	10.87	ug/L	98
49) 1,1,2,2-TETRACHLOROETHANE	23.35	83	234986	13.17	ug/L	98
51) BROMOFORM	23.16	173	125357	8.40	ug/L	99
52) ISOPROPYLBENZENE	22.99	105	1646385	7.64	ug/L	97
53) 1,2,3-TRICHLOROPROPANE	23.67	110	66944	8.52	ug/L	91
54) N-PROPYLBENZENE	23.86	91	2245052	8.03	ug/L	99
55) BROMOBENZENE	24.08	156	376054	8.19	ug/L	95
56) 1,3,5-TRIMETHYLBENZENE	24.18	105	1425680	7.66	ug/L	100
57) 2-CHLOROTOLUENE	24.34	91	1389627	7.84	ug/L	95
58) 4-CHLOROTOLUENE	24.41	91	1344591	8.47	ug/L	99
59) TERT-BUTYLBENZENE	24.97	134	329089	8.28	ug/L	94
60) 1,2,4-TRIMETHYLBENZENE	25.07	105	1557047	8.06	ug/L	99
61) SEC-BUTYLBENZENE	25.43	105	2174099	8.39	ug/L	98
62) P-ISOPROPYLTOLUENE	25.68	119	1722280	8.27	ug/L	98
63) 1,3-DICHLOROBENZENE	26.02	146	919733	9.27	ug/L	98
64) 1,4-DICHLOROBENZENE	26.25	146	924108	9.31	ug/L	98
65) N-BUTYLBENZENE	26.57	91	1883259	9.46	ug/L	99
66) 1,2-DICHLOROBENZENE	27.08	146	812172	9.92	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.73	157	40975	9.79	ug/L	94
68) NITROBENZENE	28.94	77	341491	197.89	ug/L	98
69) 1,2,4-TRICHLOROBENZENE	30.68	180	480955	10.59	ug/L	96
70) HEXACHLOROBUTADIENE	30.91	225	256381	9.29	ug/L	96
71) NAPHTHALENE	31.34	128	527641	10.54	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.88	180	351612	10.55	ug/L	99

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

0103C10A.D HP121001.M

Thu Jan 03 17:46:13 2002

Page 2

Quantitation Report

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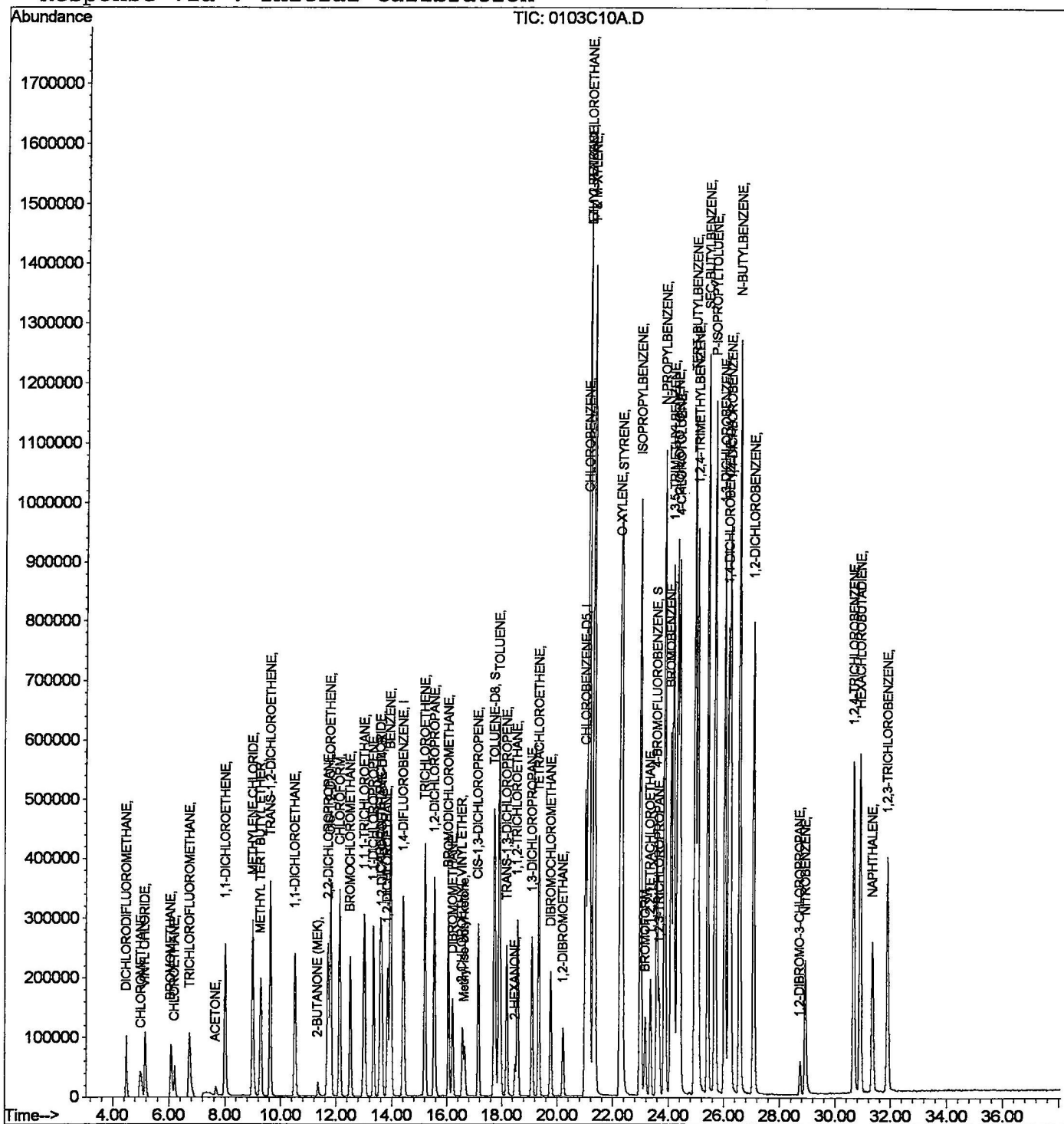
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Acq On      : 3 Jan 2002    5:07 pm
Sample      : cal 10
Misc        :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 17:46 2002

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Vial: 10
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

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Method       : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update   : Wed Dec 12 08:39:59 2001
Response via  : Initial Calibration
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User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/08/2002 Time: 15:42:30

Sample: AE00105

Analysis: SD_524 Volatile Organic Compounds-Duplicate

Units: ug

Started: 01/03/01 00:05 Ended: 01/03/01 00:05 Analyst: BH

Result source: manual entry

Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.5	.5
2	Surr - 4-BROMOFLUOROBENZE		4.2	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.0	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	*THM-Bromodichloromethar		< MDL	.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/08/2002 Time: 15:42:30

Sample: AE00105
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 01/03/01 00:05 Ended: 01/03/01 00:05 Analyst: BH
Result source: manual entry
Page: 2

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

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/08/2002 Time: 15:42:51

Sample: AE00105
 Analysis: SP_524 Duplicate calculation for 524
 Units: ug
 Started: 01/03/01 00:04 Ended: 01/03/01 00:04 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.30
2	Surr - 4-BROMOFLUOROBENZE		0.0
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.10
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETHA		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETHA		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/08/2002 Time: 15:42:51

Sample: AE00105
Analysis: SP_524 Duplicate calculation for 524
Units: ug
Started: 01/03/01 00:04 Ended: 01/03/01 00:04 Analyst: BH
Result source: calculation
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00105D.D
 Acq On : 3 Jan 2002 5:51 pm
 Sample : 524 nyc dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 18:29 2002

Vial: 11
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	644071	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.02	117	603918	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	291706	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	233510	5.50	ug/L	0.05
Spiked Amount 5.000			Recovery	=	110.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	206861	4.19	ug/L	0.05
Spiked Amount 5.000			Recovery	=	83.80%	
23) TOLUENE-D8	17.73	98	803806	5.02	ug/L	0.05
Spiked Amount 5.000			Recovery	=	100.40%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.39	43	1731	0.23	ug/L	Qvalue 64
69) 1,2,4-TRICHLOROBENZENE	30.69	180	4418	0.16	ug/L	89
70) HEXACHLOROBUTADIENE	30.91	225	3290	0.20	ug/L	89
72) 1,2,3-TRICHLOROBENZENE	31.90	180	10119	0.51	ug/L	88

 (#) = qualifier out of range (m) = manual integration
 00105D.D HP121001.M Thu Jan 03 18:29:54 2002

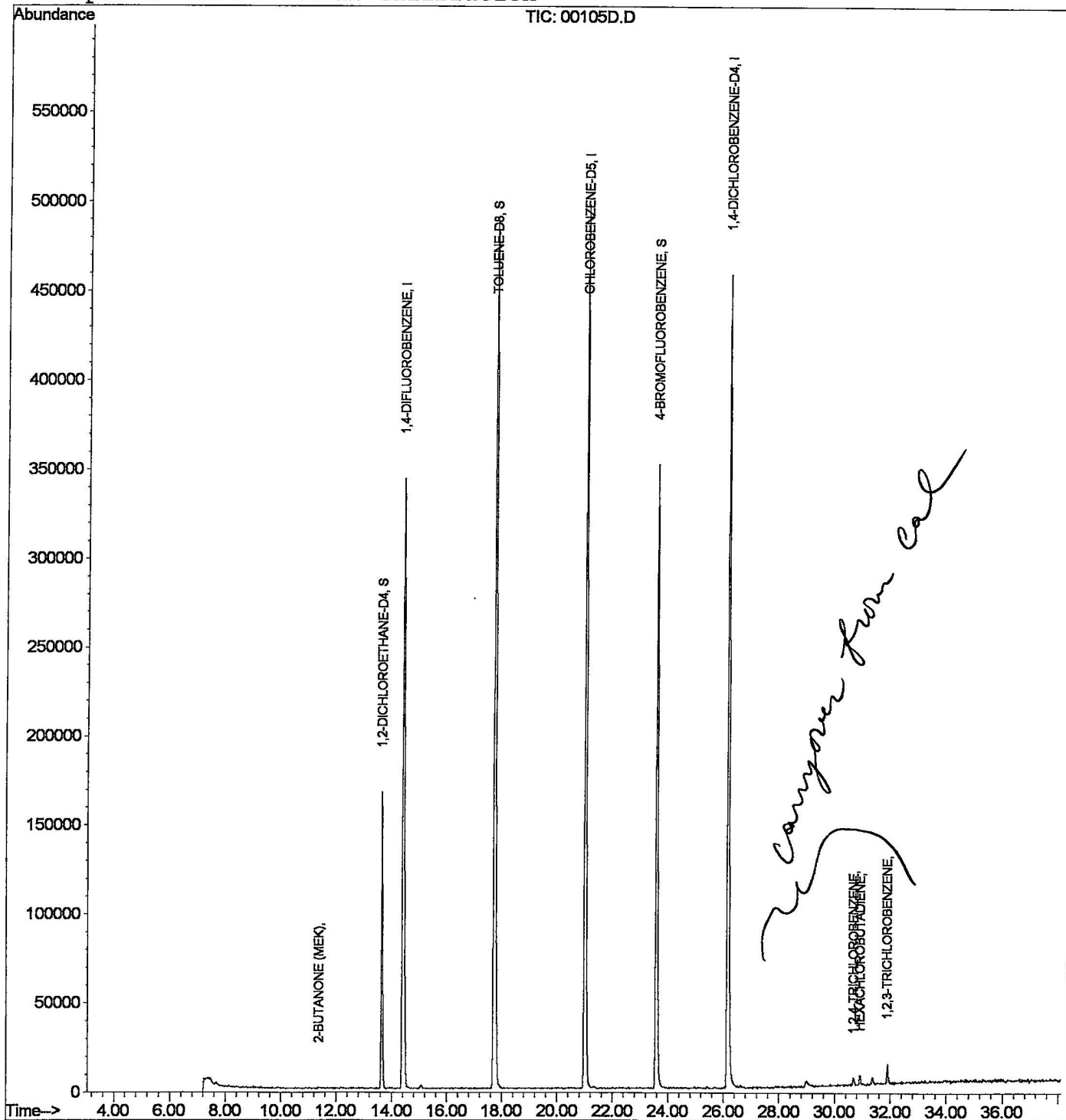
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 Sample : 524 nyc dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 18:29 2002

Vial: 11
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00105D.D
 Acq On : 3 Jan 2002 5:51 pm
 Sample : 524 nyc dup
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 MS Integration Params: LSCINT.P

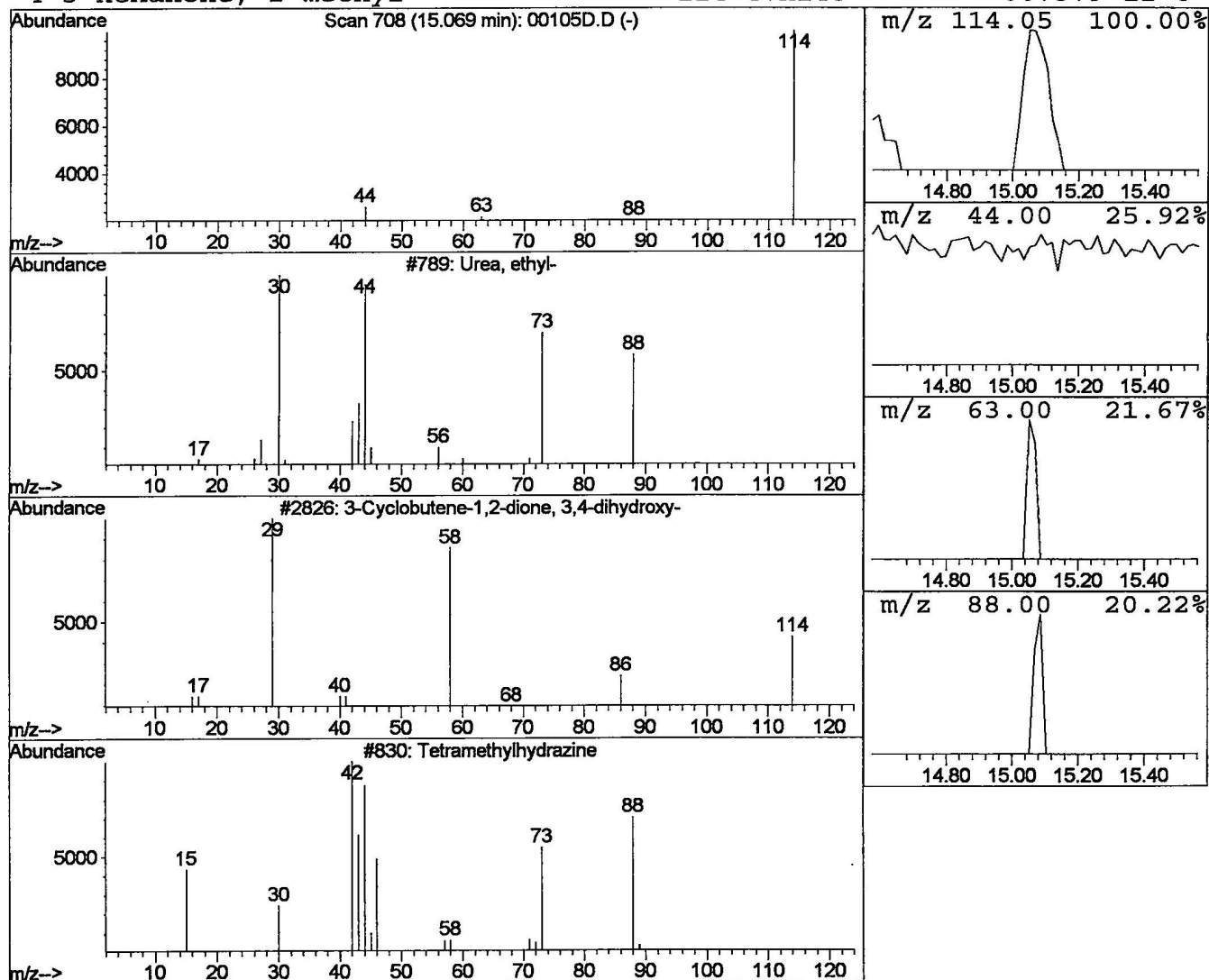
Vial: 11
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Urea, ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	10388	1,4-DIFLUOROBENZENE	14.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
3		Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00105D.D
Acq On : 3 Jan 2002 5:51 pm
Sample : 524 nyc dup
Misc :
MS Integration Params: LSCINT.P

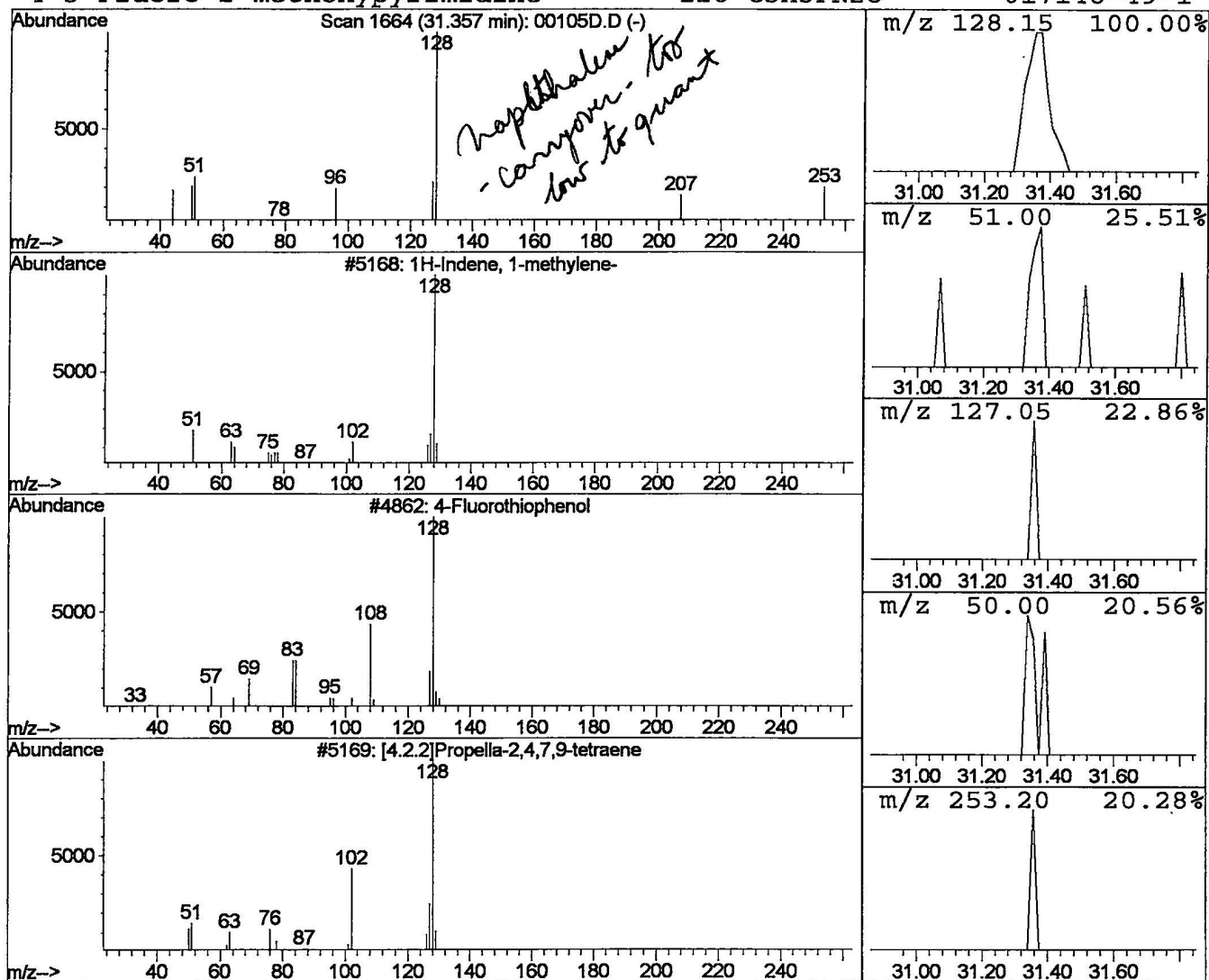
Vial: 11
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 5 1H-Indene, 1-methylene- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.36	0.04 ug/L	16524	1,4-DICHLOROBENZENE-D4	26.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-methylene-	128	C10H8	002471-84-3	9
2		4-Fluorothiophenol	128	C6H5FS	000371-42-6	5
3		[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	5
4		5-Fluoro-2-methoxypyrimidine	128	C5H5FN2O	017148-49-1	5



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 15:34:36

Sample: AE00106
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/3/01 00:06 Ended: 1/3/01 00:06 Analyst: BH
 Result source: m:\instruments\206\rrfiles\00106.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY BN
 DATE 1/8/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 15:34:36

Sample: AE00106
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/3/01 00:06 Ended: 1/3/01 00:06 Analyst: BH
Result source: m:\instruments\206\rrfiles\00106.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00106.D

Vial: 12

Acq On : 3 Jan 2002 6:34 pm

Operator: 206-bh

Sample : 524 nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 3 19:13 2002

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	584752	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.02	117	562491	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	271833	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	224712	5.83	ug/L	0.05
Spiked Amount	5.000		Recovery	=	116.60%	
3) 4-BROMOFLUOROBENZENE	23.59	174	188302	4.20	ug/L	0.05
Spiked Amount	5.000		Recovery	=	84.00%	
23) TOLUENE-D8	17.73	98	756984	5.08	ug/L	0.05
Spiked Amount	5.000		Recovery	=	101.60%	
Target Compounds						
10) ACETONE	7.67	43	5444	1.39	ug/L	Qvalue 99
16) 2-BUTANONE (MEK)	11.36	43	1753	0.25	ug/L	64

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

00106.D HP121001.M Thu Jan 03 19:13:38 2002

Page 1

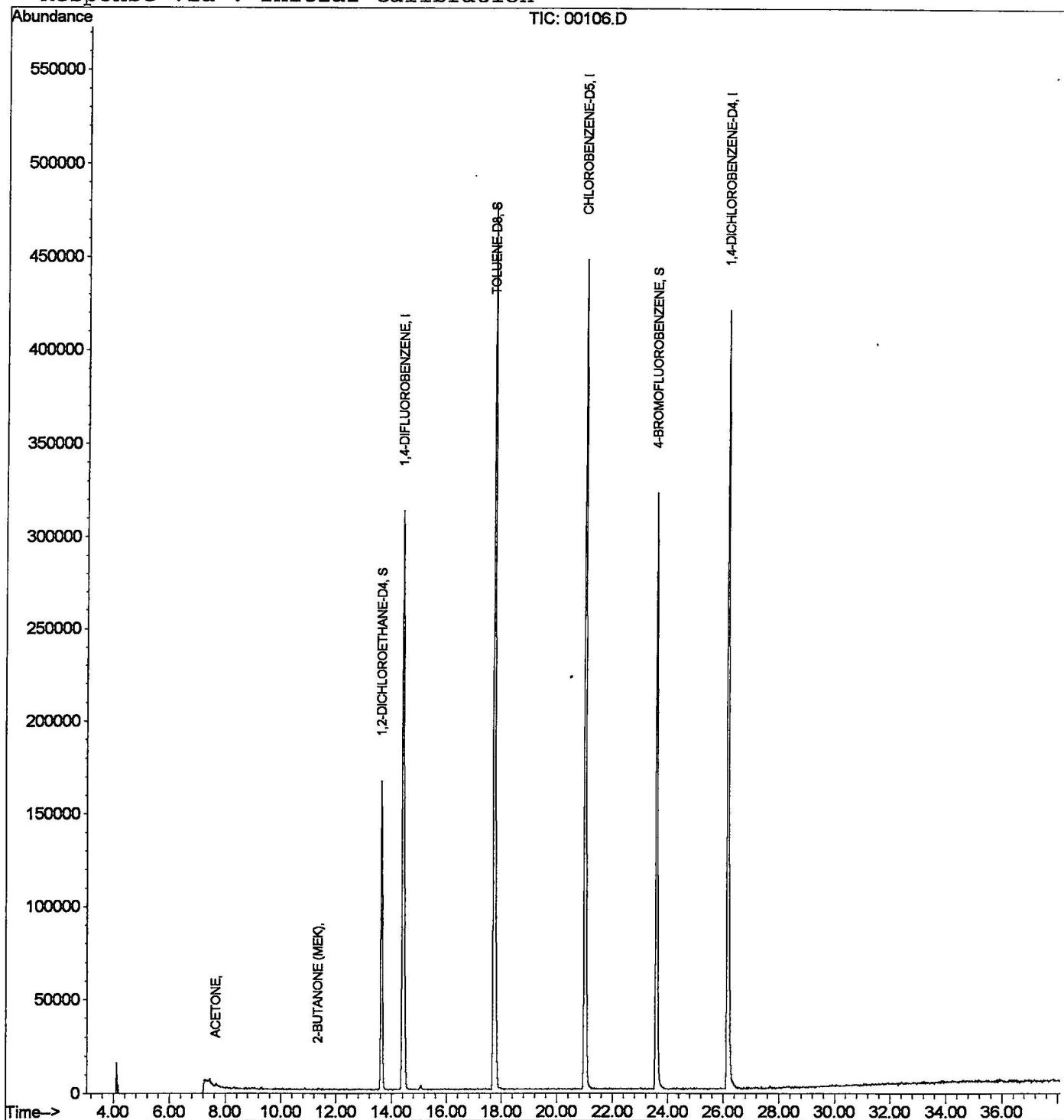
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00106.D
 Acq On : 3 Jan 2002 6:34 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 19:13 2002

Vial: 12
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00106.D
 Acq On : 3 Jan 2002 6:34 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

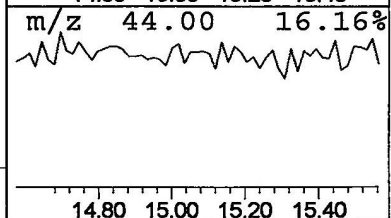
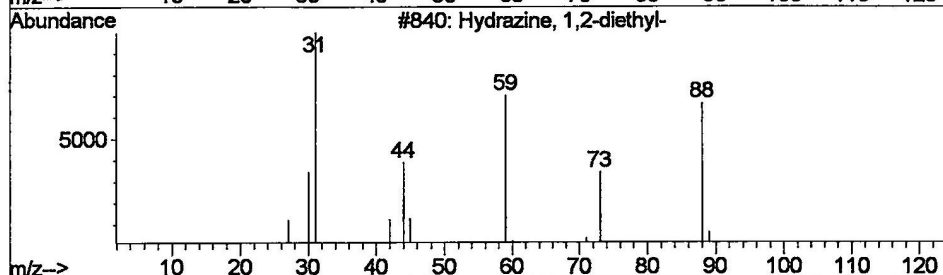
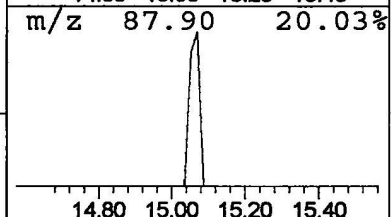
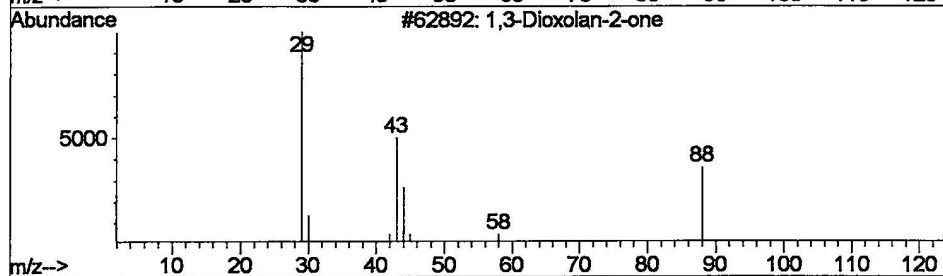
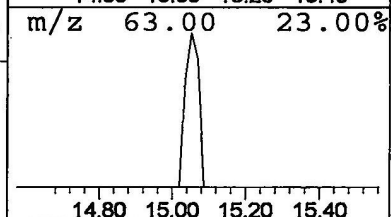
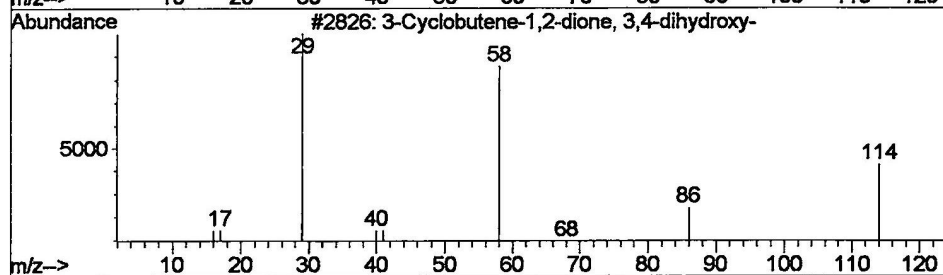
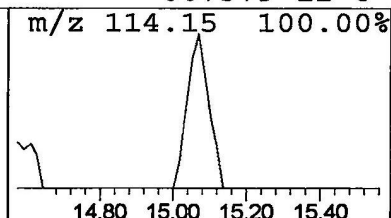
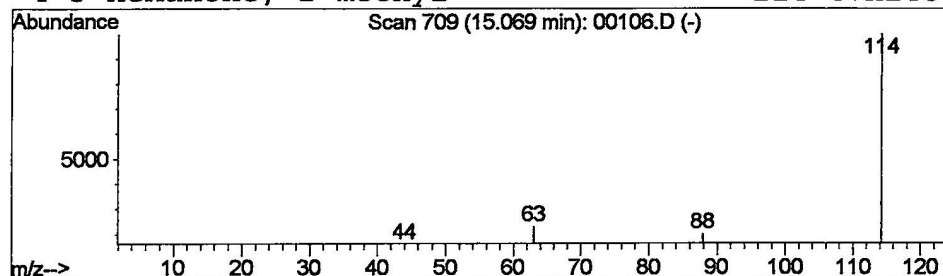
Vial: 12
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	9601	1,4-DIFLUOROBENZENE	14.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2		1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3		Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	4
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 15:37:23

Sample: AE00108
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/3/01 00:07 Ended: 1/3/01 00:07 Analyst: BH
 Result source: m:\instruments\206\rrfiles\00108.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY	<i>AV</i>
DATE	<i>1/8/02</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 15:37:23

Sample: AE00108
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 1/3/01 00:07 Ended: 1/3/01 00:07 Analyst: BH
Result source: m:\instruments\206\rrfiles\00108.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00108.D
 Acq On : 3 Jan 2002 7:18 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 19:56 2002

Vial: 13
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	568008	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.02	117	542661	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	260342	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	222091	5.94	ug/L	0.05
Spiked Amount 5.000			Recovery	=	118.80%	
3) 4-BROMOFLUOROBENZENE	23.59	174	180095	4.13	ug/L	0.05
Spiked Amount 5.000			Recovery	=	82.60%	
23) TOLUENE-D8	17.73	98	729250	5.07	ug/L	0.05
Spiked Amount 5.000			Recovery	=	101.40%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.39	43	1572	0.23	ug/L	Qvalue 64

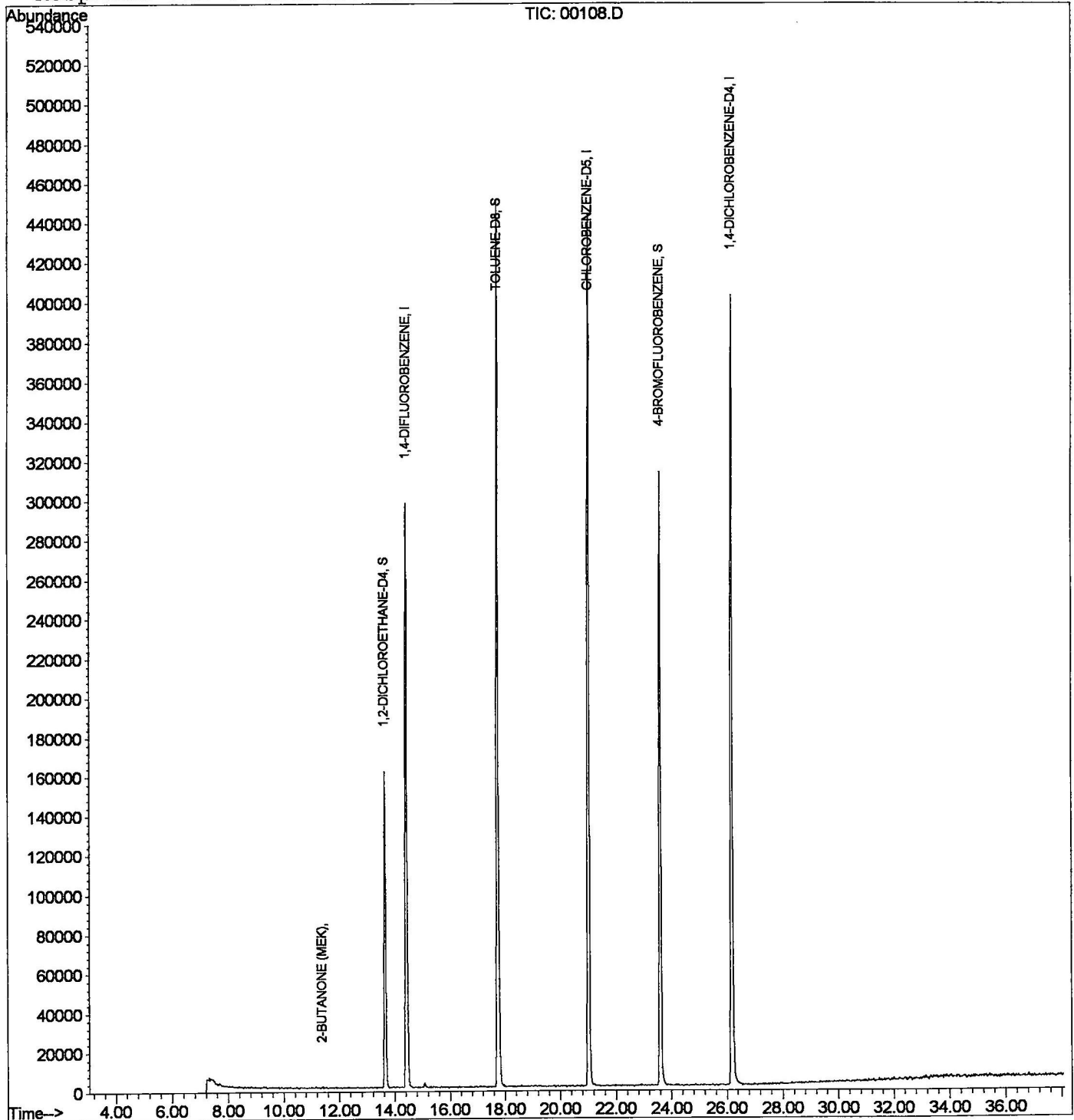
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00108.D
 Acq On : 3 Jan 2002 7:18 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 19:56 2002

Vial: 13
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00108.D
 Acq On : 3 Jan 2002 7:18 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

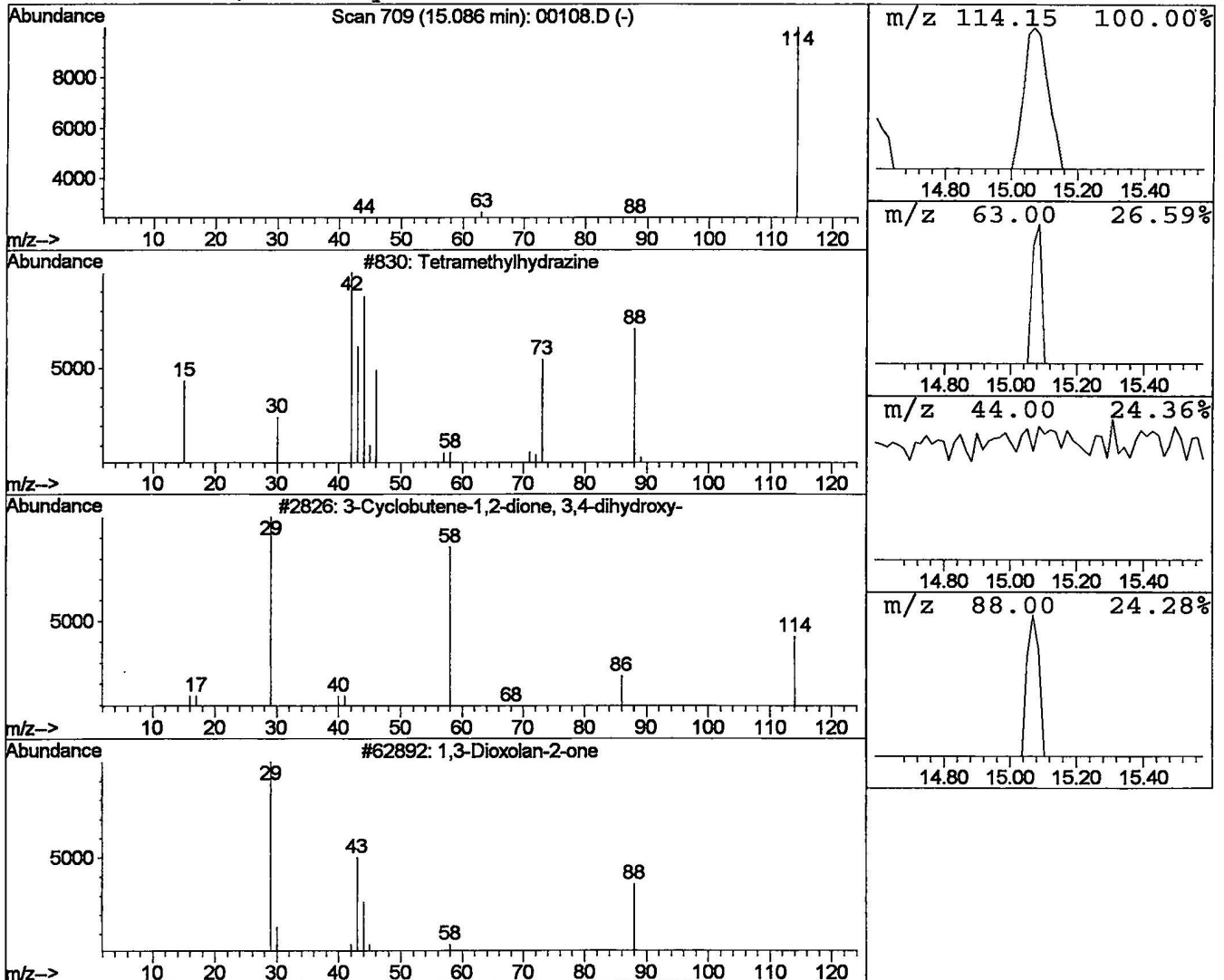
Vial: 13
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Tetramethylhydrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.03 ug/L	9871	1,4-DIFLUOROBENZENE	14.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
3		1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 15:39:18

Sample: AE00109
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/3/01 00:08 Ended: 1/3/01 00:08 Analyst: BH
 Result source: m:\instruments\206\rrfiles\00109.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AN
 DATE 1/8/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 15:39:18

Sample: AE00109

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 1/3/01 00:08 Ended: 1/3/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\00109.rr

Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00109.D
 Acq On : 3 Jan 2002 8:01 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 20:40 2002

Vial: 14
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	542578	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.01	117	521057	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	246730	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	206911	5.79	ug/L	0.05
Spiked Amount 5.000			Recovery	=	115.80%	
3) 4-BROMOFLUOROBENZENE	23.59	174	170754	4.10	ug/L	0.05
Spiked Amount 5.000			Recovery	=	82.00%	
23) TOLUENE-D8	17.74	98	699517	5.06	ug/L	0.07
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.37	43	1664	0.26	ug/L	Qvalue 64

 (#) = qualifier out of range (m) = manual integration
 00109.D HP121001.M Thu Jan 03 20:40:44 2002

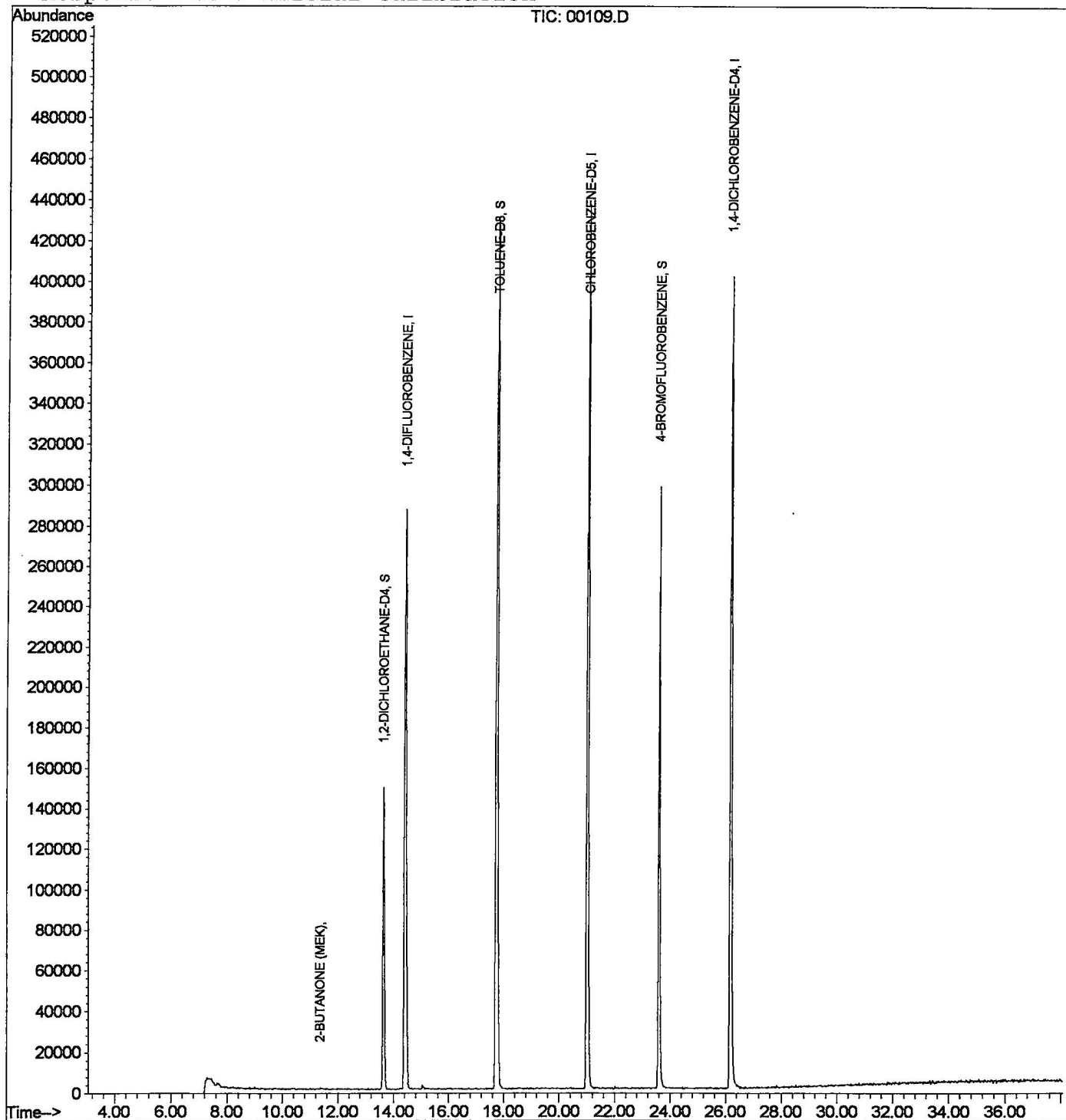
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00109.D
 Acq On : 3 Jan 2002 8:01 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 20:40 2002

Vial: 14
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00109.D
Acq On : 3 Jan 2002 8:01 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P

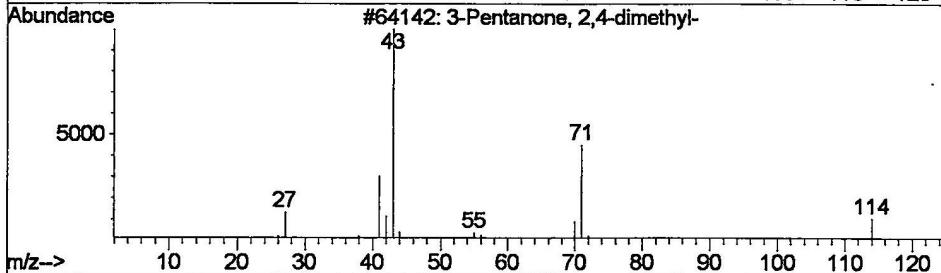
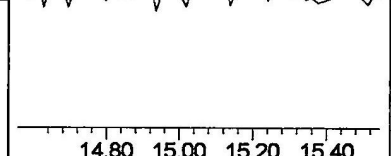
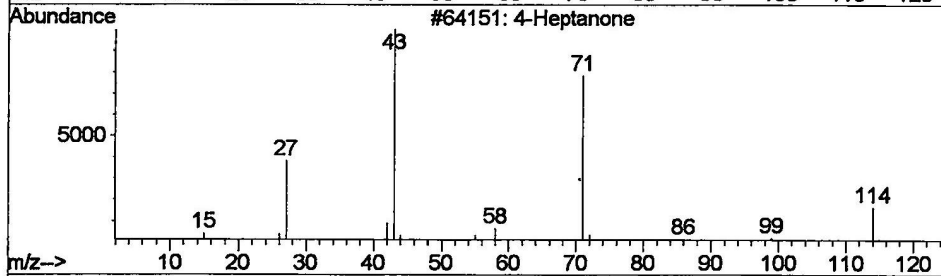
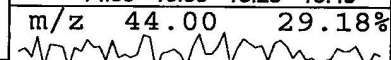
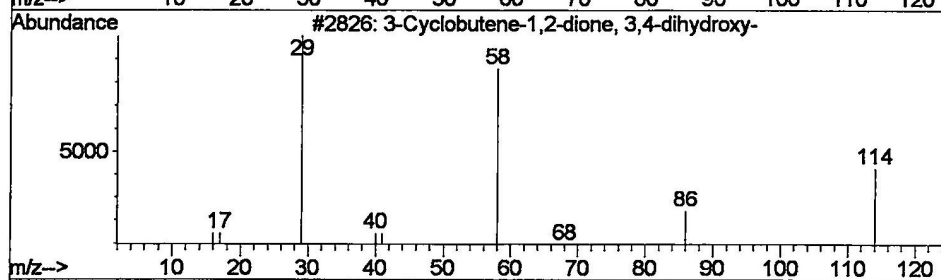
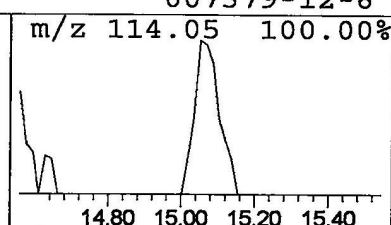
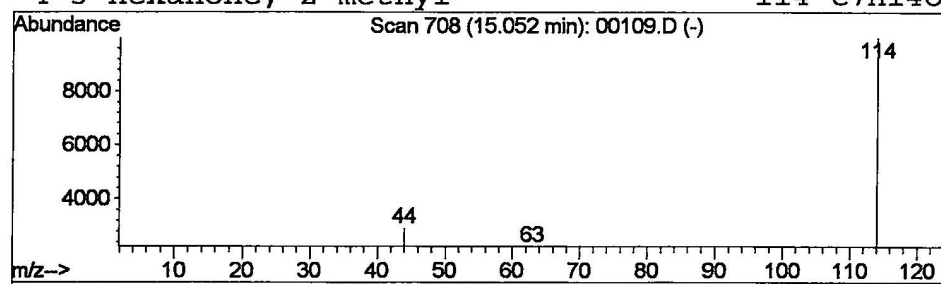
Vial: 14
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.02 ug/L	6606	1,4-DIFLUOROBENZENE	14.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2			4-Heptanone	114	C7H14O	000123-19-3	3
3			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 15:40:24

Sample: AE00110
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 1/3/01 00:08 Ended: 1/3/01 00:08 Analyst: BH
 Result source: m:\instruments\206\rrfiles\00110.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.0		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/8/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 15:40:24

Sample: AE00110
Analysis: §524 Volatile Organic Compounds
Units: ug
Started: 1/3/01 00:08 Ended: 1/3/01 00:08 Analyst: BH
Result source: m:\instruments\206\rrfiles\00110.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00110.D Vial: 15
 Acq On : 3 Jan 2002 8:45 pm Operator: 206-bh
 Sample : 524 nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 21:24 2002 Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	507593	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.02	117	499630	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	242063	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	199720	5.97	ug/L	0.05
Spiked Amount 5.000			Recovery	=	119.40%	
3) 4-BROMOFLUOROBENZENE	23.60	174	165614	4.25	ug/L	0.07
Spiked Amount 5.000			Recovery	=	85.00%	
23) TOLUENE-D8	17.74	98	664977	5.02	ug/L	0.07
Spiked Amount 5.000			Recovery	=	100.40%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.39	43	1765	0.29	ug/L	Qvalue 64

 (#) = qualifier out of range (m) = manual integration
 00110.D HP121001.M Thu Jan 03 21:24:11 2002

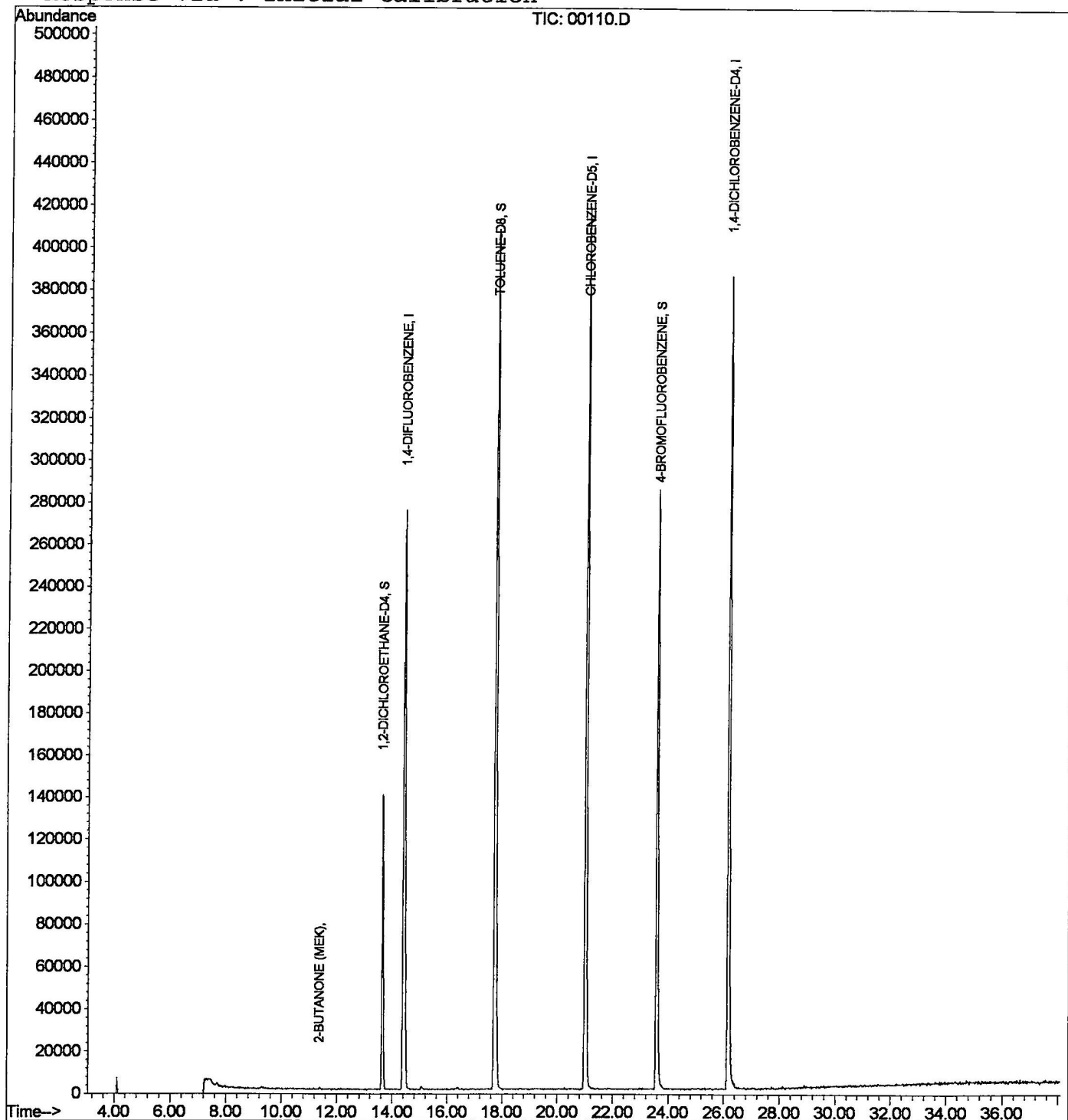
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00110.D
 Acq On : 3 Jan 2002 8:45 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 21:24 2002

Vial: 15
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00110.D
 Acq On : 3 Jan 2002 8:45 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

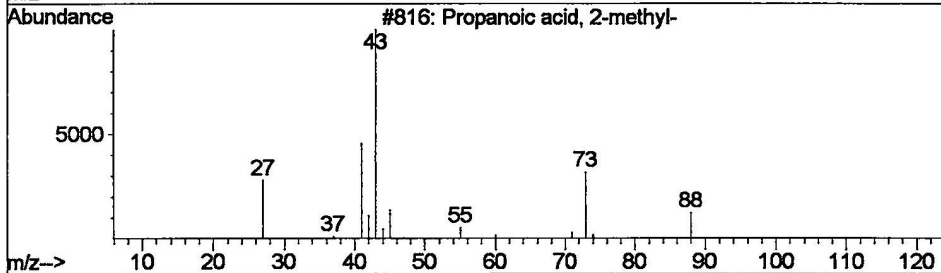
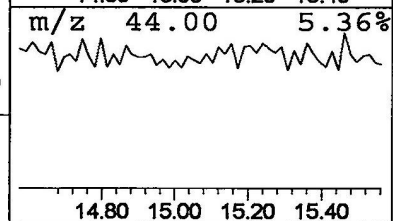
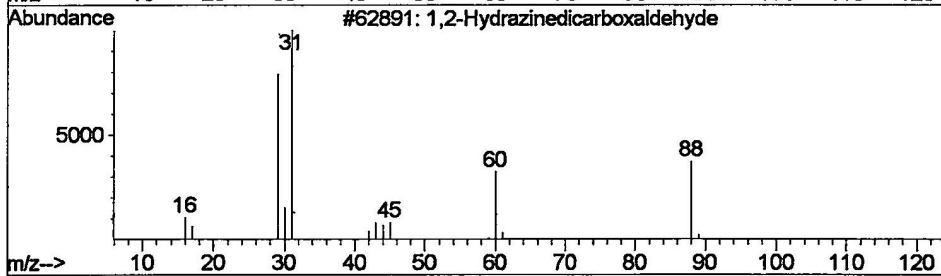
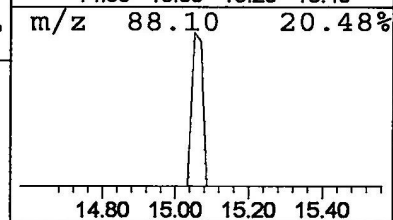
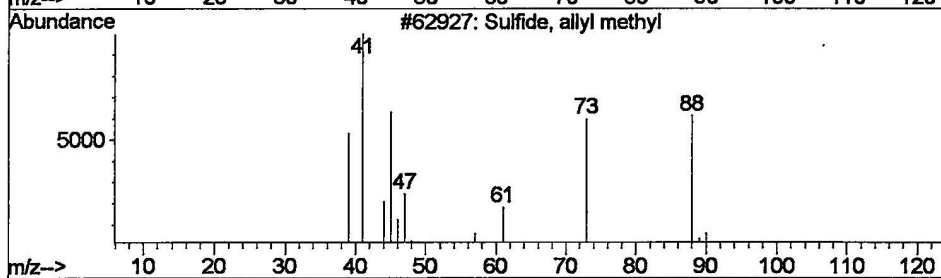
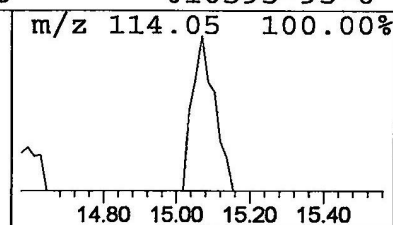
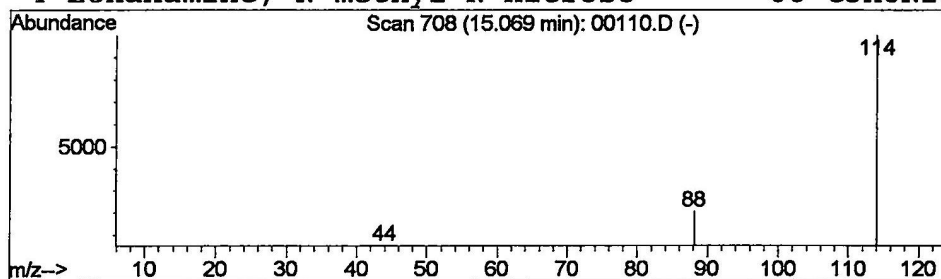
Vial: 15
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 Sulfide, allyl methyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	7823	1,4-DIFLUOROBENZENE	14.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfide, allyl methyl	88	C4H8S	010152-76-8	3
2			1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
3			Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3
4			Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 14:33:09

Sample: AE00100

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 1/3/01 00:09 Ended: 1/3/01 00:09 Analyst: BH

Result source: m:\instruments\206\rrfiles\00100f.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.2		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

acetone - 37

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 14:33:09

Sample: AE00100

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 1/3/01 00:09 Ended: 1/3/01 00:09 Analyst: BH

Result source: m:\instruments\206\rrfiles\00100f.rr

Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00100F.D

Vial: 16

Acq On : 3 Jan 2002 9:28 pm

Operator: 206-bh

Sample : 524 nyc fb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 3 22:07 2002

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	524690	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.02	117	508175	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	242197	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	210156	6.08	ug/L	0.05
Spiked Amount 5.000			Recovery	=	121.60%	
3) 4-BROMOFLUOROBENZENE	23.61	174	168782	4.19	ug/L	0.07
Spiked Amount 5.000			Recovery	=	83.80%	
23) TOLUENE-D8	17.74	98	682487	5.07	ug/L	0.07
Spiked Amount 5.000			Recovery	=	101.40%	
Target Compounds						
10) ACETONE	7.67	43	130409	37.05	ug/L	Qvalue 97
16) 2-BUTANONE (MEK)	11.39	43	1287	0.21	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 00100F.D HP121001.M Thu Jan 03 22:07:55 2002

Page 1

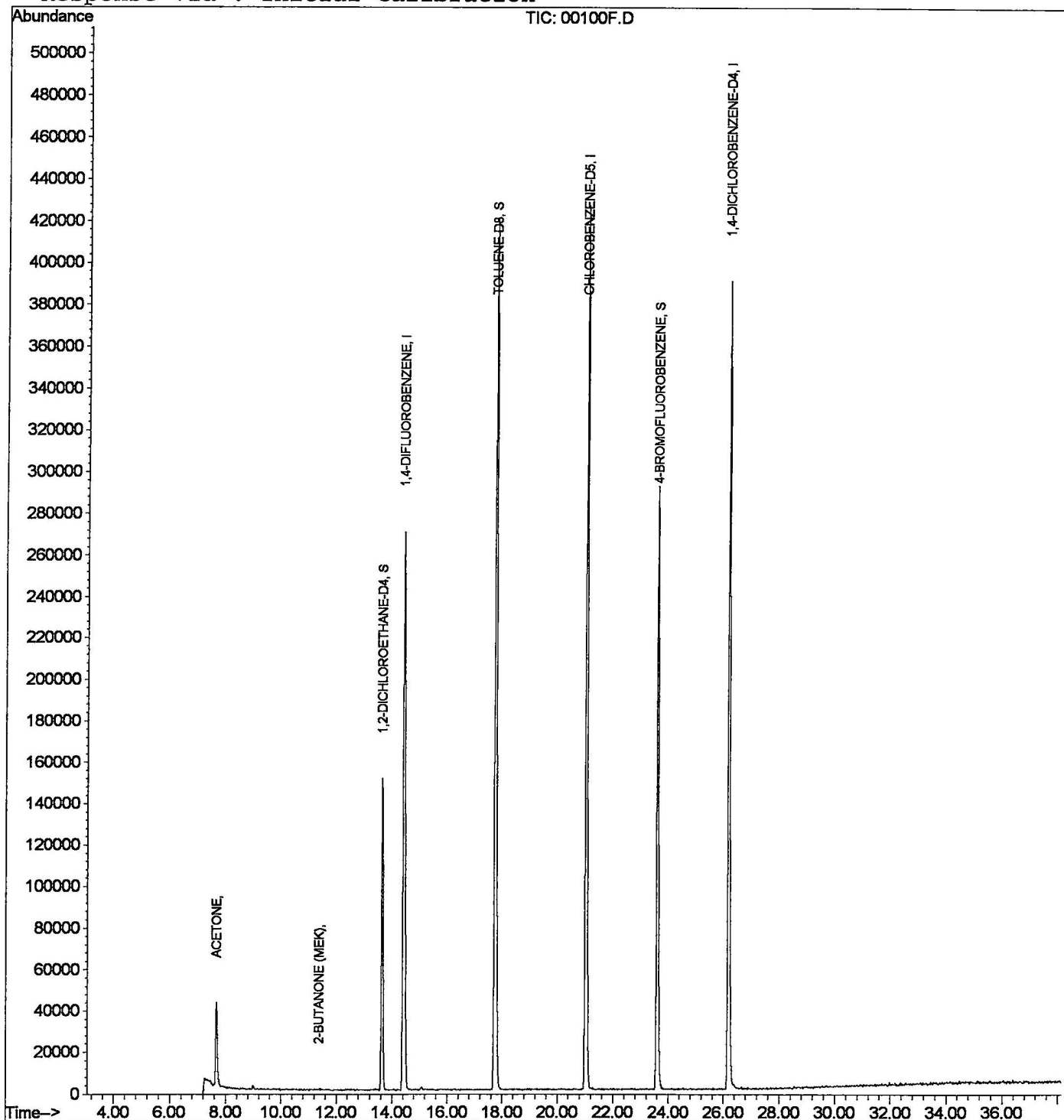
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00100F.D
Acq On : 3 Jan 2002 9:28 pm
Sample : 524 nyc fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 22:07 2002

Vial: 16
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00100F.D
Acq On : 3 Jan 2002 9:28 pm
Sample : 524 nyc fb
Misc :
MS Integration Params: LSCINT.P

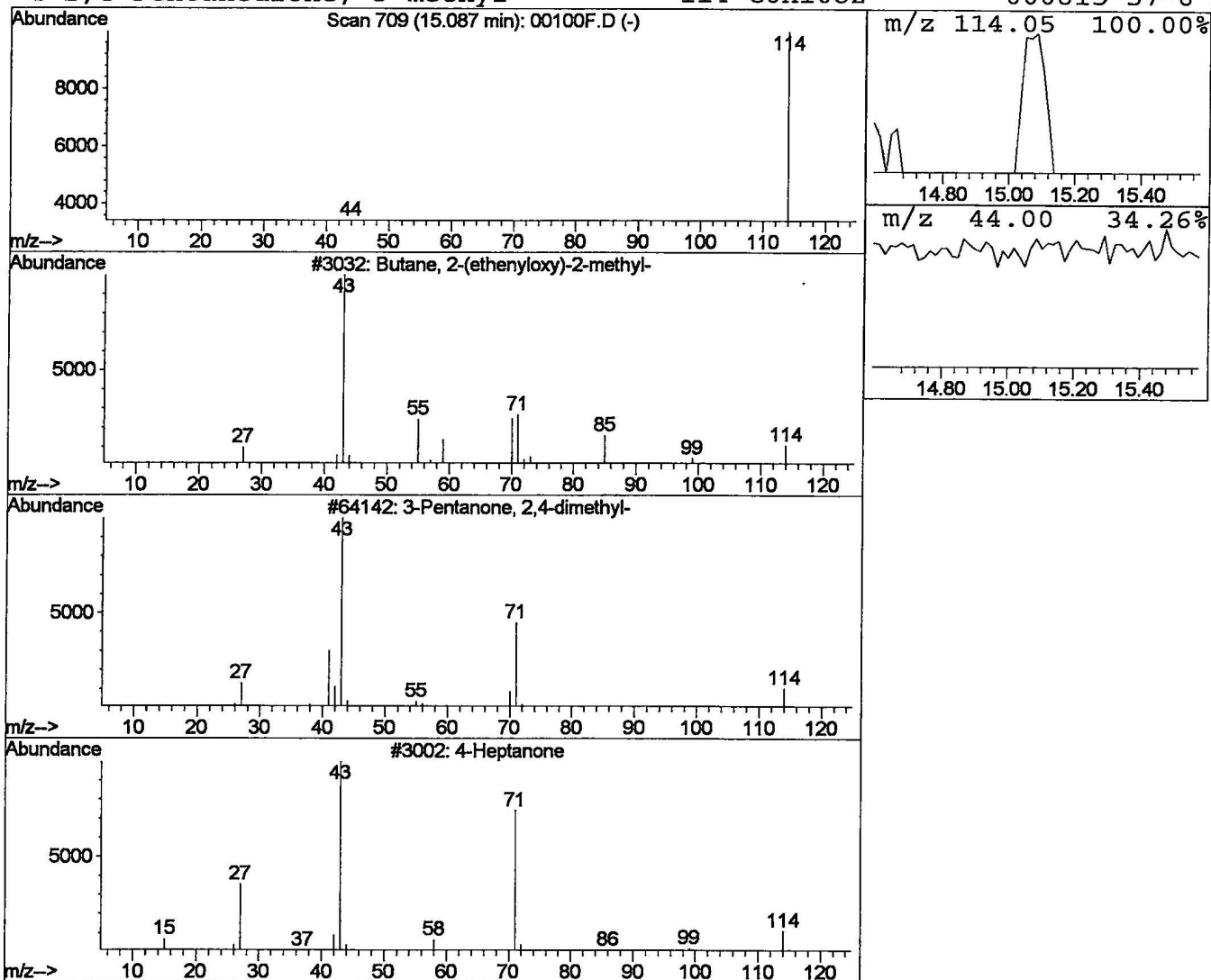
Vial: 16
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 3 Butane, 2-(ethenyloxy)-2-methy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.03 ug/L	6960	1,4-DIFLUOROBENZENE	14.42

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 01/04/2002 Time: 14:25:29

Sample: AE00105
 Analysis: \$F_524 Volatile Organic Compounds Field Blank
 Units: ug
 Started: 1/3/01 00:00 Ended: 1/3/01 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\00105f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.0		.5
2	Surr_4-BROMOFLUOROBENZE		4.1		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

acetone - 11

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 14:25:29

Sample: AE00105
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 1/3/01 00:00 Ended: 1/3/01 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\00105f.rr
Page: 2

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

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00105F.D
 Acq On : 3 Jan 2002 10:12 pm
 Sample : 524 nyc fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 22:51 2002

Vial: 17
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	520797	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.02	117	502877	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	242741	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	205850	6.00	ug/L	0.07
Spiked Amount 5.000			Recovery	=	120.00%	
3) 4-BROMOFLUOROBENZENE	23.61	174	164918	4.13	ug/L	0.07
Spiked Amount 5.000			Recovery	=	82.60%	
23) TOLUENE-D8	17.74	98	677029	5.08	ug/L	0.07
Spiked Amount 5.000			Recovery	=	101.60%	
Target Compounds						
10) ACETONE	7.67	43	39183	11.22	ug/L	Qvalue 97

 (#) = qualifier out of range (m) = manual integration
 00105F.D HP121001.M Thu Jan 03 22:51:25 2002

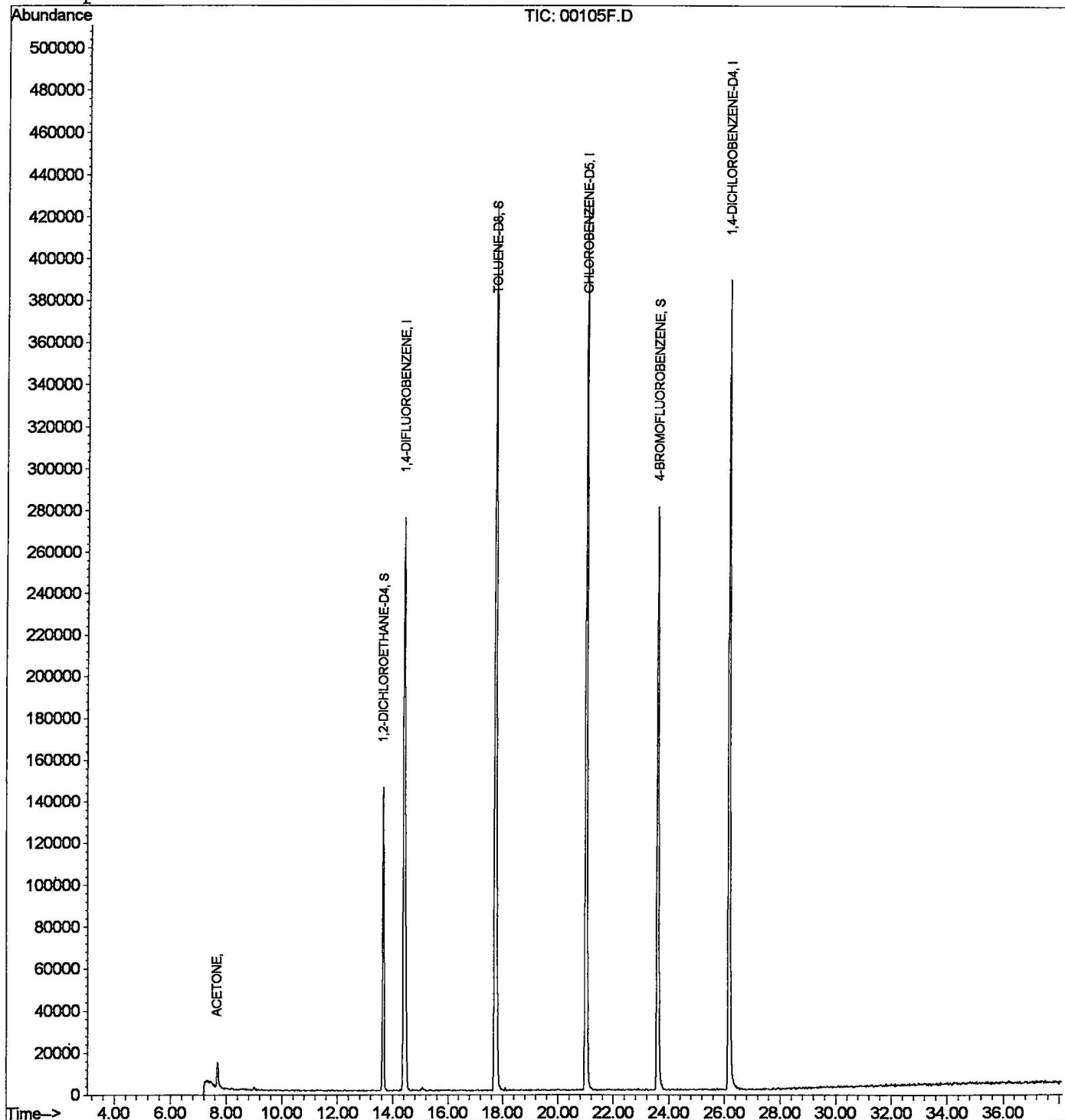
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00105F.D
 Acq On : 3 Jan 2002 10:12 pm
 Sample : 524 nyc fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 22:51 2002

Vial: 17
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00105F.D
 Acq On : 3 Jan 2002 10:12 pm
 Sample : 524 nyc fb
 Misc :
 MS Integration Params: LSCINT.P

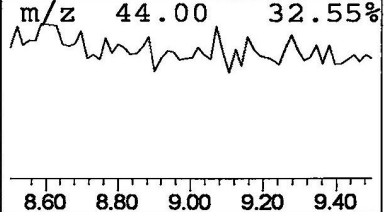
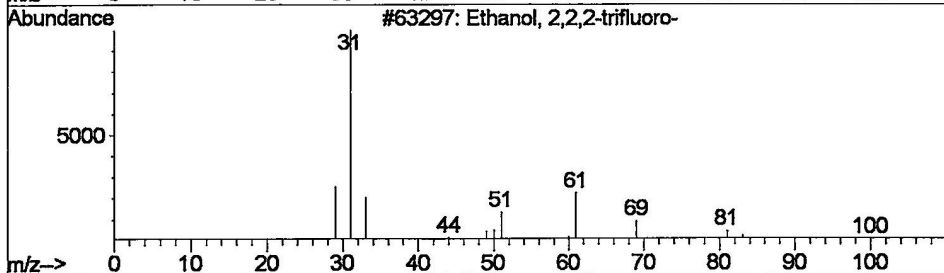
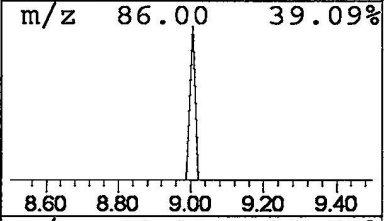
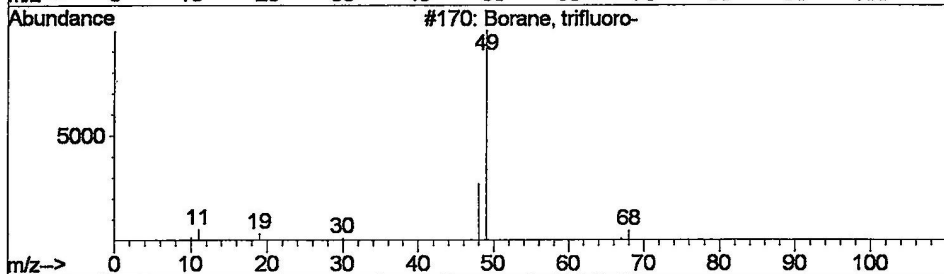
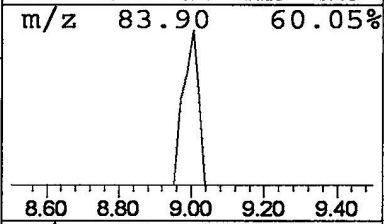
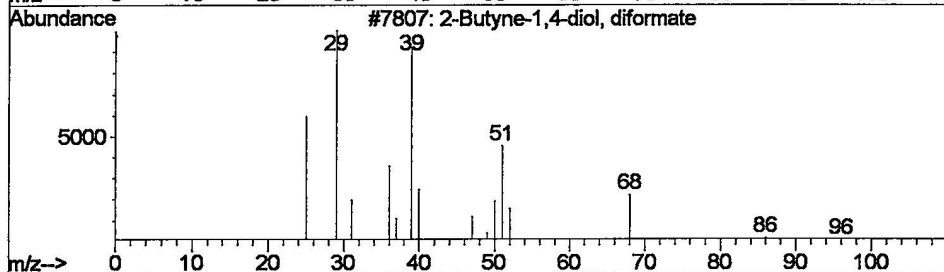
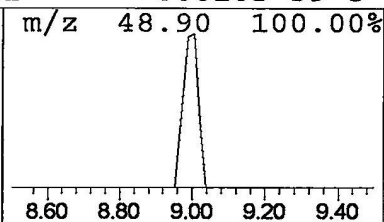
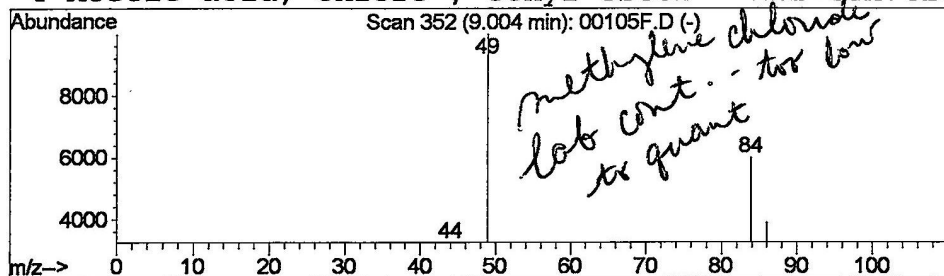
Vial: 17
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 2-Butyne-1,4-diol, diformate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	0.03 ug/L	7033	1,4-DIFLUOROBENZENE	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	1
2		Borane, trifluoro-	68	BF3	007637-07-2	1
3		Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	1
4		Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00105F.D
 Acq On : 3 Jan 2002 10:12 pm
 Sample : 524 nyc fb
 Misc :
 MS Integration Params: LSCINT.P

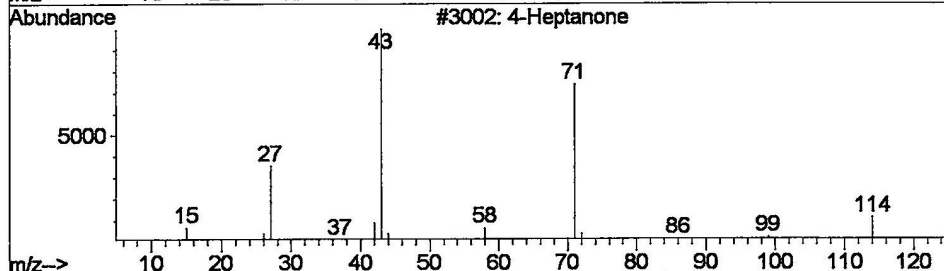
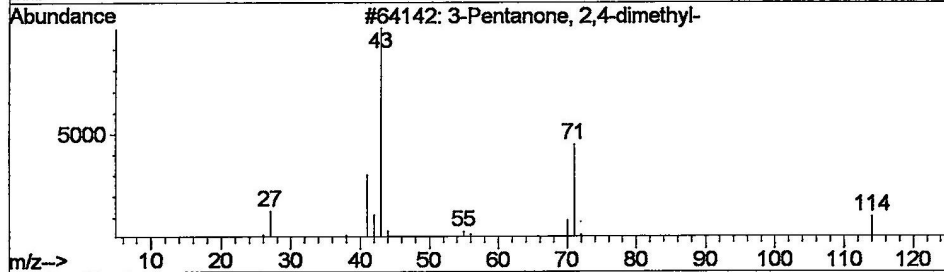
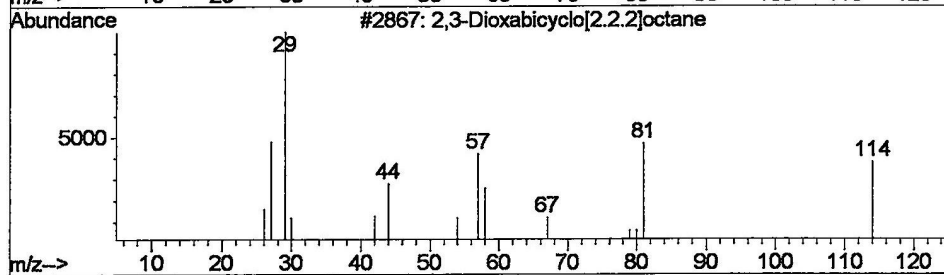
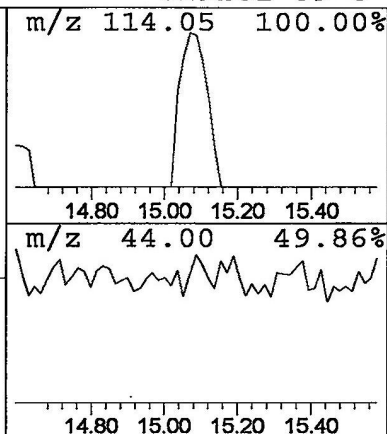
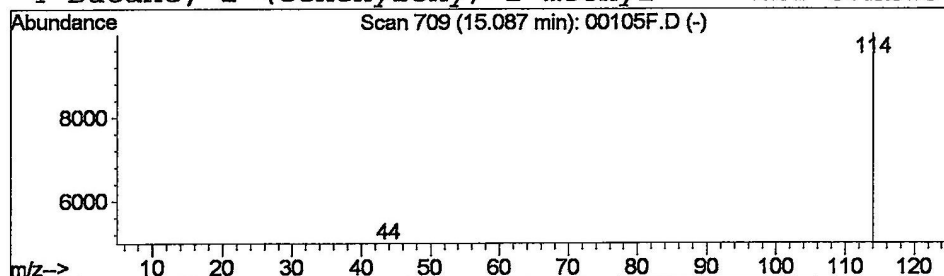
Vial: 17
 Operator: 206-bh
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 2,3-Dioxabicyclo[2.2.2]octane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.03 ug/L	6860	1,4-DIFLUOROBENZENE	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2		3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
3		4-Heptanone	114	C7H14O	000123-19-3	3
4		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



rch
)

c Compounds-Field Blank

1/3/01 00:00 Analyst: BH
rfiles\00108f.rr

	Viol	Result	Qualifier	MDL
-		6.0		.5
E		4.1		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
E)		< MDL		1.0
		< MDL		.5
		< MDL		.5
		< MDL		2.0
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		5.1		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
)		< MDL		1.0
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		2.0
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		2.0
		< MDL		.5
		< MDL		.5
		< MDL		.5
		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan03\00108F.D

Acq On : 3 Jan 2002 10:56 pm

Sample : 524 nyc fb

Misc :

MS Integration Params: LSCINT.P

Quant Time: Jan 3 23:35 2002

Vial: 18

Operator: 206-bh

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	519694	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.02	117	504783	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	237452	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	206648	6.04	ug/L	0.07
Spiked Amount 5.000			Recovery	=	120.80%	
3) 4-BROMOFLUOROBENZENE	23.61	174	162325	4.07	ug/L	0.07
Spiked Amount 5.000			Recovery	=	81.40%	
23) TOLUENE-D8	17.75	98	678559	5.07	ug/L	0.07
Spiked Amount 5.000			Recovery	=	101.40%	
Target Compounds						
10) ACETONE	7.67	43	26954	7.73	ug/L	Qvalue 88

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

00108F.D HP121001.M Thu Jan 03 23:35:16 2002

Page 1

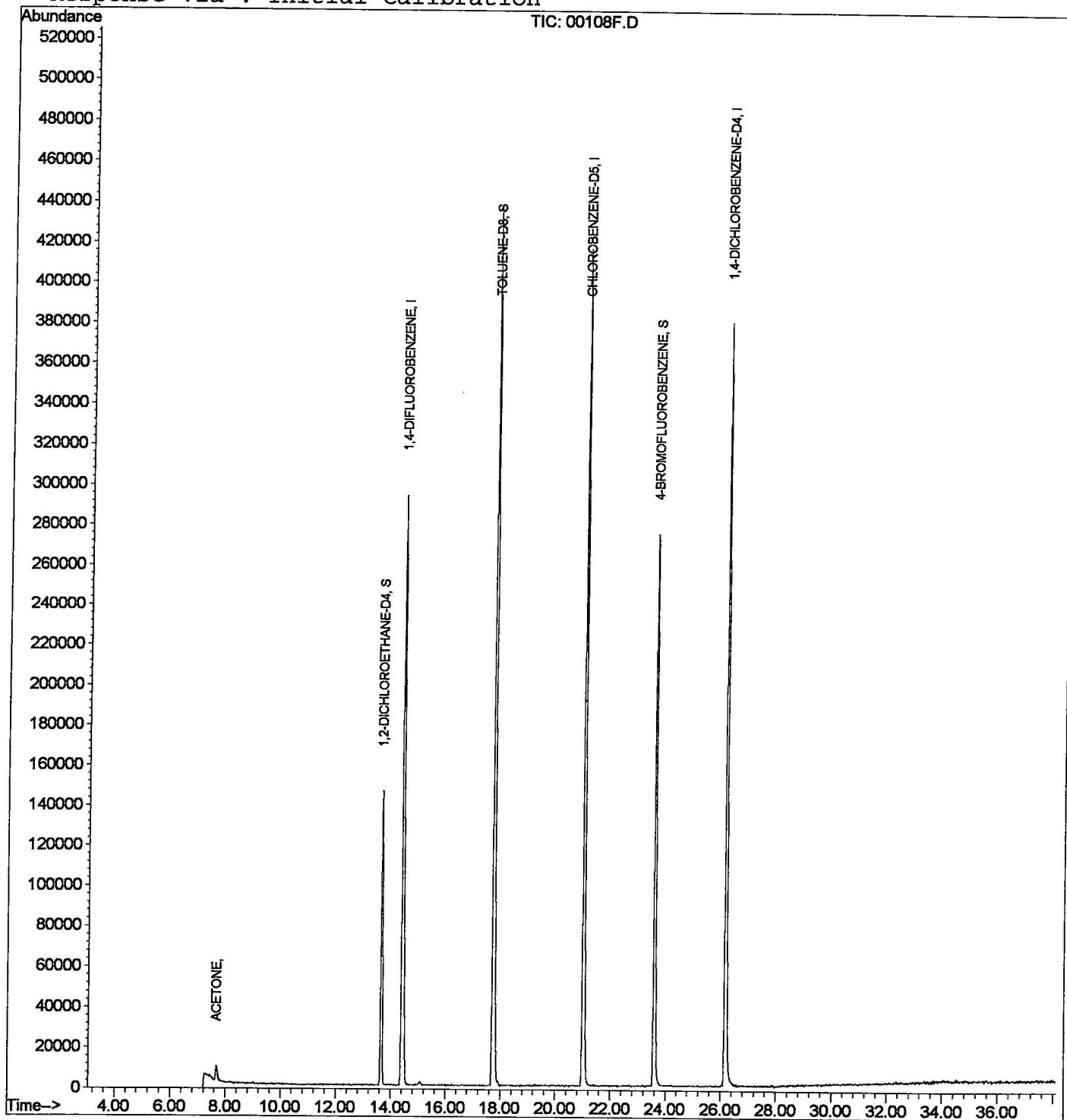
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan03\00108F.D
Acq On : 3 Jan 2002 10:56 pm
Sample : 524 nyc fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 23:35 2002

Vial: 18
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan03\00108F.D
Acq On : 3 Jan 2002 10:56 pm
Sample : 524 nyc fb
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 206-bh
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 2 2,3-Dioxabicyclo[2.2.2]octane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.03 ug/L	9110	1,4-DIFLUOROBENZENE	14.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
2			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
3			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4			4-Heptanone	114	C7H14O	000123-19-3	3

