

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:23:57

Sample: AD31458
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 12/27/01 00:09 Ended: 12/27/01 00:09 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1227bl1.rr
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.1
2	Surr - 4-BROMOFLUOROBENZ		3.9
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)		< MDL
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		5.1
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

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Result source: m:\instruments\206\rrfiles\1227bl1.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

Data File : C:\HPCHEM\1\DATA\01dec27\1227BL1.D
 Acq On : 27 Dec 2001 9:05 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 9:44 2001

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	14.47	114	954286	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	852749	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	397845	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	322154	5.13	ug/L	0.09
Spiked Amount 5.000			Recovery	=	102.60%	
3) 4-BROMOFLUOROBENZENE	23.64	174	284298	3.88	ug/L	0.10
Spiked Amount 5.000			Recovery	=	77.60%	
23) TOLUENE-D8	17.78	98	1158891	5.13	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.60%	

Target Compounds

Qvalue

 (#) = qualifier out of range (m) = manual integration
 1227BL1.D HP121001.M Thu Dec 27 09:44:23 2001

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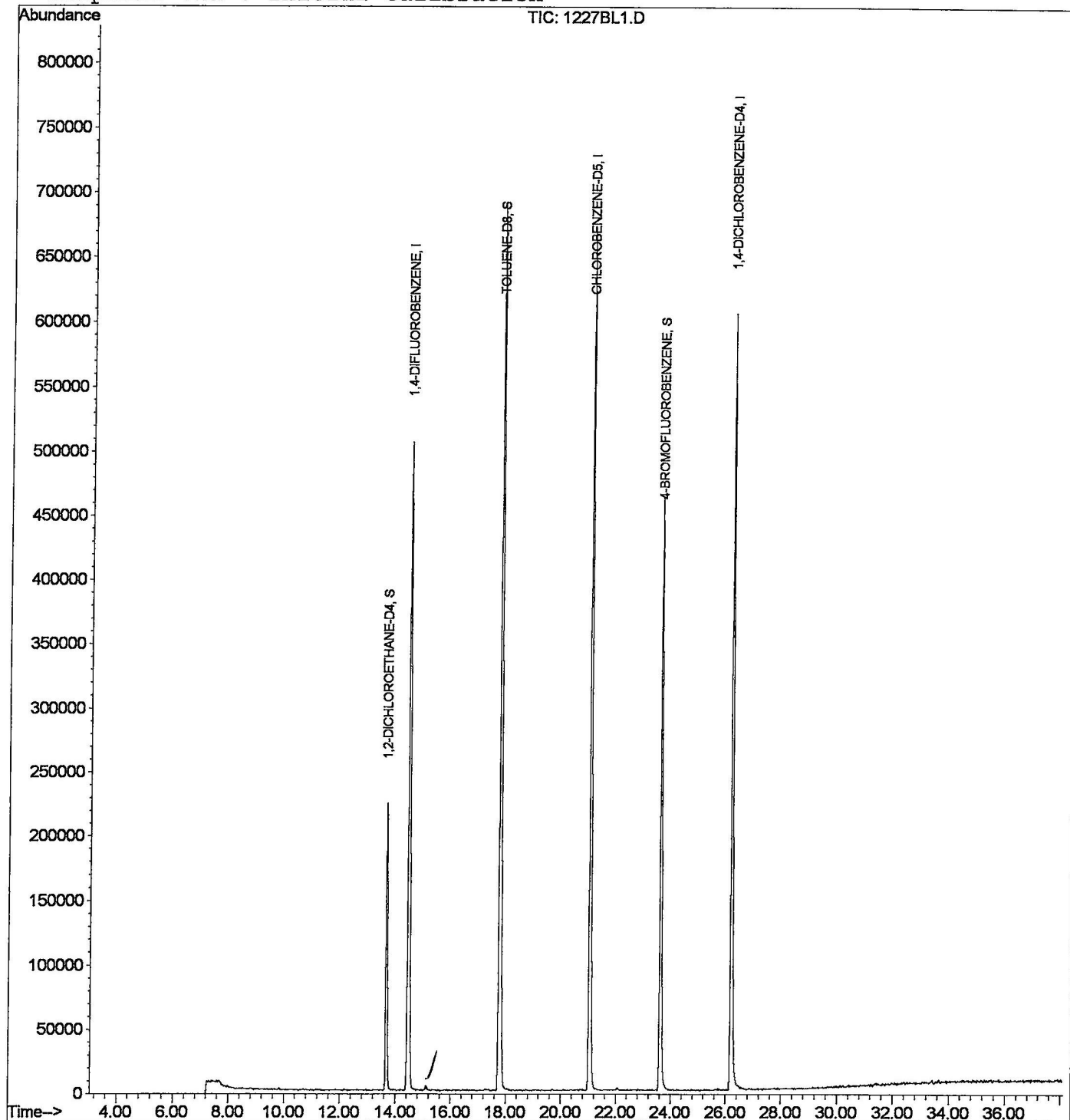
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\1227BL1.D
 Acq On : 27 Dec 2001 9:05 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 9:44 2001

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:25:08

Sample: AD31458
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/27/01 00:00 Ended: 12/27/01 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1227c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.6		.5
2	Surr_4-BROMOFLUOROBENZE		5.7		.5
3	Dichlorodifluoromethane		12		.5
4	Chloromethane	USPEC	15		.5
5	Vinyl chloride	USPEC	18		.5
6	Bromomethane		13		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		7.8		1.0
12	trans-1,2-dichloroethene		9.9		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		7.9		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		9.2		.5
17	Chloroform		11		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		9.9		.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		9.1		.5
27	Dibromomethane		8.7		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		7.1		1.0
30	cis-1,3-dichloropropene		8.9		.5
31	Toluene		9.0		.5
32	trans-1,3-dichloropropene		9.6		.5
33	1,1,2-trichloroethane		8.9		.5
34	Tetrachloroethene		9.5		.5
35	1,3-dichloropropane		9.1		.5
36	Dibromochloromethane		9.6		2.0
37	Chlorobenzene		9.3		.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		9.8		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		7.6		2.0
45	Isopropylbenzene		7.5		.5
46	1,2,3-trichloropropane		7.2		.5
47	N-propylbenzene		8.0		.5
48	Bromobenzene		7.8		.5

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Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/27/01 00:00 Ended: 12/27/01 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\1227c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		7.7		.5
50	2-chlorotoluene		7.6		.5
51	4-chlorotoluene		8.8		.5
52	TERT-butylbenzene		8.4		.5
53	1,2,4-trimethylbenzene		8.2		.5
54	SEC-butylbenzene		8.5		.5
55	P-isopropyltoluene		8.8		.5
56	1,3-dichlorobenzene		9.0		.5
57	1,4-dichlorobenzene		8.9		.5
58	N-butylbenzene		9.8		.5
59	1,2-dichlorobenzene		9.3		.5
60	1,2,4-trichlorobenzene		9.6		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		8.8		.5
63	1,2,3-trichlorobenzene		9.2		.5

Data File : C:\HPCHEM\1\DATA\01dec27\1227C10.D

Vial: 8

Acq On : 27 Dec 2001 10:01 am

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 10:40 2001

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	14.47	114	720442	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	717883	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	553064	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	265253	5.59	ug/L	0.09
Spiked Amount 5.000			Recovery	=	111.80%	
3) 4-BROMOFLUOROBENZENE	23.64	174	316114	5.72	ug/L	0.10
Spiked Amount 5.000			Recovery	=	114.40%	
23) TOLUENE-D8	17.78	98	911640	4.79	ug/L	0.10
Spiked Amount 5.000			Recovery	=	95.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.50	85	285032	12.12	ug/L	99
5) CHLOROMETHANE	5.02	50	216711	14.82	ug/L	99
6) VINYL CHLORIDE	5.19	62	263045	18.09	ug/L	96
7) BROMOMETHANE	6.09	94	163986	12.90	ug/L	95
8) CHLOROETHANE	6.23	64	123513	12.39	ug/L	93
9) TRICHLOROFLUOROMETHANE	6.76	101	354912	11.25	ug/L	95
10) ACETONE	7.70	43	40667	8.41	ug/L	98
11) 1,1-DICHLOROETHENE	8.04	61	432730	10.57	ug/L	95
12) METHYLENE CHLORIDE	9.02	49	429927	10.83	ug/L	92
13) METHYL TERT BUTYL ETHER	9.33	73	407093	7.77	ug/L	98
14) TRANS-1,2-DICHLOROETHENE	9.67	61	438744	9.88	ug/L	93
15) 1,1-DICHLOROETHANE	10.55	63	570246	10.30	ug/L	99
16) 2-BUTANONE (MEK)	11.37	43	67089	7.86	ug/L	95
17) 2,2-DICHLOROPROPANE	11.75	77	494626	10.84	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.85	96	284381	9.16	ug/L	87
19) CHLOROFORM	12.17	83	577525	10.93	ug/L	98
20) BROMOCHLOROMETHANE	12.55	49	257774	10.28	ug/L	90
21) 1,2-DICHLOROETHANE	13.88	62	351221	9.87	ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.06	97	475729	10.79	ug/L	98
25) 1,1-DICHLOROPROPENE	13.38	75	429984	9.88	ug/L	99
26) CARBON TETRACHLORIDE	13.64	117	429171	11.44	ug/L	99
27) BENZENE	14.00	78	1200808	9.49	ug/L	99
28) TRICHLOROETHENE	15.24	95	324690	9.58	ug/L	98
29) 1,2-DICHLOROPROPANE	15.60	63	320795	9.11	ug/L	98
30) DIBROMOMETHANE	16.24	174	109293	8.71	ug/L	99
31) BROMODICHLOROMETHANE	16.09	83	422075	10.40	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.60	63	94689	7.24	ug/L	95
33) Methyl iso-butyl ketone	16.67	58	47541	7.06	ug/L	92

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

1227C10.D HP121001.M

Thu Dec 27 10:40:41 2001

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Data File : C:\HPCHEM\1\DATA\01dec27\1227C10.D

Vial: 8

Acq On : 27 Dec 2001 10:01 am

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 10:40 2001

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	17.20	75	454788	8.95	ug/L	99
35) TOLUENE	17.96	91	1284656	9.00	ug/L	98
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	377640	9.57	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.61	97	174210	8.91	ug/L	97
38) TETRACHLOROETHENE	19.38	166	319686	9.50	ug/L	99
39) 1,3-DICHLOROPROPANE	19.12	76	345425	9.15	ug/L	98
40) DIBROMOCHLOROMETHANE	19.80	129	228748	9.63	ug/L	99
41) 1,2-DIBROMOETHANE	20.26	107	157940	8.49	ug/L	98
42) CHLOROBENZENE	21.13	112	882163	9.29	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.18	131	311999	10.08	ug/L	97
44) 2-HEXANONE	18.51	43	95304	8.48	ug/L	90
45) ETHYLBENZENE	21.18	91	1755626	9.99	ug/L	98
46) P & M-XYLENE	21.36	106	1288476	19.51	ug/L	97
47) O-XYLENE	22.31	91	1473144	10.51	ug/L	99
48) STYRENE	22.38	104	1067144	9.79	ug/L	98
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	229372	10.97	ug/L	98
51) BROMOFORM	23.21	173	126538	7.57	ug/L	96
52) ISOPROPYLBENZENE	23.04	105	1814037	7.51	ug/L	97
53) 1,2,3-TRICHLOROPROPANE	23.71	110	63836	7.25	ug/L	95
54) N-PROPYLBENZENE	23.89	91	2506939	8.00	ug/L	99
55) BROMOBENZENE	24.13	156	400371	7.78	ug/L	91
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	1597901	7.66	ug/L	99
57) 2-CHLOROTOLUENE	24.37	91	1501956	7.56	ug/L	96
58) 4-CHLOROTOLUENE	24.46	91	1560876	8.78	ug/L	96
59) TERT-BUTYLBENZENE	25.00	134	375337	8.42	ug/L	98
60) 1,2,4-TRIMETHYLBENZENE	25.10	105	1785995	8.25	ug/L	98
61) SEC-BUTYLBENZENE	25.46	105	2461531	8.47	ug/L	98
62) P-ISOPROPYLTOLUENE	25.72	119	2048903	8.78	ug/L	99
63) 1,3-DICHLOROBENZENE	26.07	146	1002119	9.01	ug/L	97
64) 1,4-DICHLOROBENZENE	26.28	146	993866	8.93	ug/L	99
65) N-BUTYLBENZENE	26.60	91	2197034	9.84	ug/L	99
66) 1,2-DICHLOROBENZENE	27.11	146	851248	9.27	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.78	157	40795	8.69	ug/L	96
68) NITROBENZENE	28.97	77	349272	180.58	ug/L	96
69) 1,2,4-TRICHLOROBENZENE	30.71	180	487046	9.57	ug/L	100
70) HEXACHLOROBUTADIENE	30.96	225	310598	10.05	ug/L	98
71) NAPHTHALENE	31.39	128	493021	8.79	ug/L	97
72) 1,2,3-TRICHLOROBENZENE	31.94	180	344519	9.23	ug/L	99

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

1227C10.D HP121001.M

Thu Dec 27 10:40:44 2001

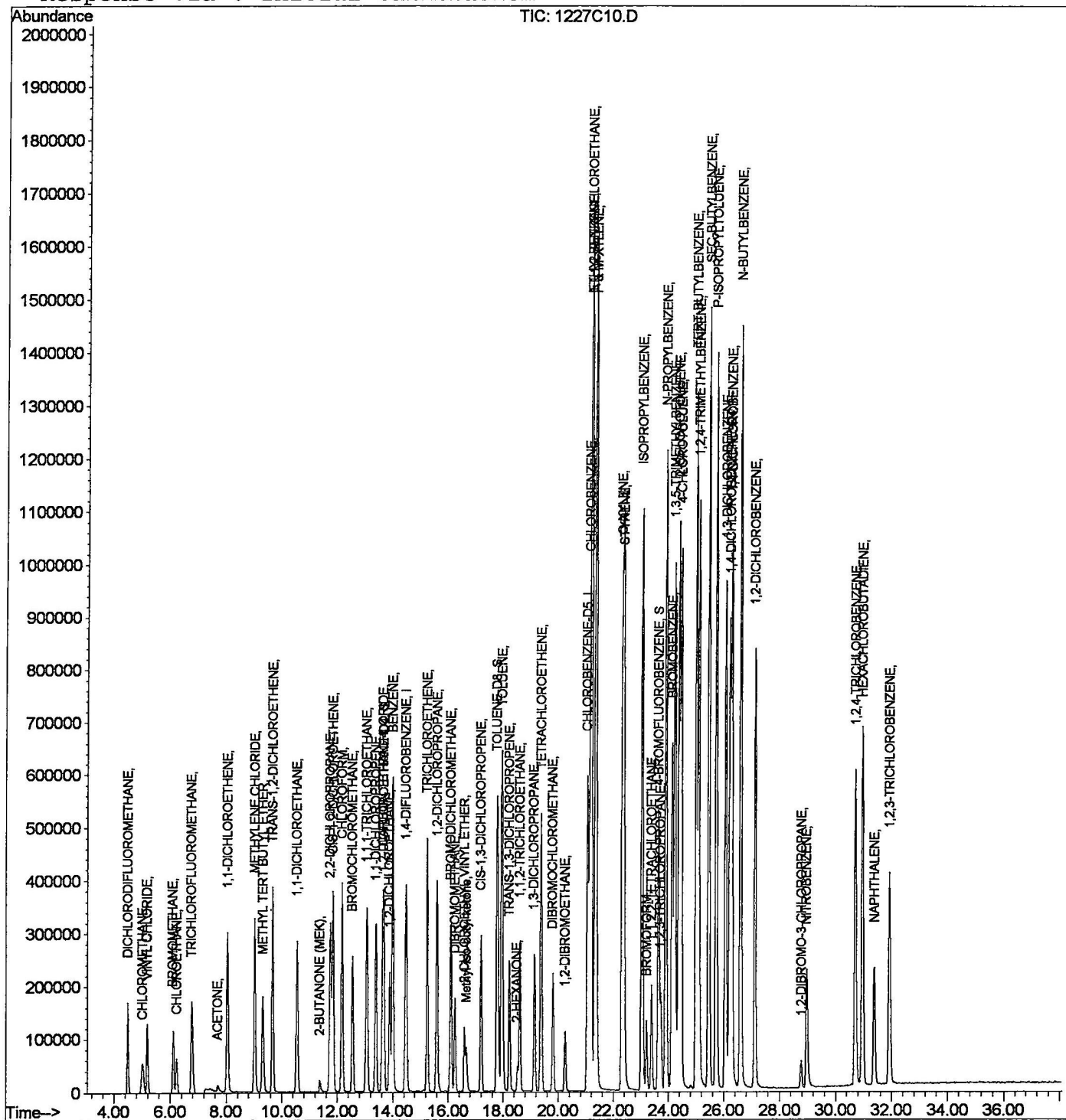
Page 2

Data File : C:\HPCHEM\1\DATA\01dec27\1227C10.D
 Acq On : 27 Dec 2001 10:01 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 10:40 2001

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:26:22

Sample: AD31458
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 12/27/01 00:02 Ended: 12/27/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1227r40.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.3		
2	4-BROMOFLUOROBENZENE		6.7		
3	DICHLORODIFLUOROMETHAN		49		.5
4	CHLOROMETHANE		66		.5
5	VINYL CHLORIDE		55		.5
6	BROMOMETHANE		57		.5
7	CHLOROETHANE		54		.5
8	TRICHLOROFLUOROMETHAN		44		.5
9	ACETONE		38		.5
10	1,1-DICHLOROETHENE		48		.5
11	METHYLENE CHLORIDE		46		.5
12	METHYL TERT BUTYL ETHER		33		1
13	TRANS-1,2-DICHLOROETHEN		45		.5
14	1,1-DICHLOROETHANE		45		.5
15	2-BUTANONE (MEK)		33		.5
16	2,2-DICHLOROPROPANE		49		.5
17	CIS-1,2-DICHLOROETHENE		42		.5
18	CHLOROFORM		48		.5
19	BROMOCHLOROMETHANE		43		.5
20	1,2-DICHLOROETHANE		42		.5
21	TOLUENE-D8		4.5		
22	1,1,1-TRICHLOROETHANE		45		.5
23	1,1-DICHLOROPROPENE		43		.5
24	CARBON TETRACHLORIDE		48		.5
25	BENZENE		40		.5
26	TRICHLOROETHENE		41		.5
27	1,2-DICHLOROPROPANE		36		.5
28	DIBROMOMETHANE		39		.5
29	BROMODICHLOROMETHANE		43		.5
30	2-CHLOROETHYL VINYL ETHE		29		.5
31	METHYL ISO-BUTYL KETONE		29		1
32	CIS-1,3-DICHLOROPROPENE		40		.5
33	TOLUENE		41		.5
34	TRANS-1,3-DICHLOROPROPE		42		.5
35	1,1,2-TRICHLOROETHANE		41		.5
36	TETRACHLOROETHENE		49		.5
37	1,3-DICHLOROPROPANE		43		.5
38	DIBROMOCHLOROMETHANE		46		2
39	1,2-DIBROMOETHANE		41		.5
40	CHLOROBENZENE		44		.5
41	1,1,1,2-TETRACHLOROETHA		47		.5
42	2-HEXANONE		37		.5
43	ETHYLBENZENE		47		.5
44	P & M-XYLENE		90		.5
45	O-XYLENE		50		.5
46	STYRENE		48		.5
47	1,1,2,2-TETRACHLOROETHA		51		.5
48	BROMOFORM		39		2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:26:22

Sample: AD31458

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 12/27/01 00:02 Ended: 12/27/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\1227r40.rr

Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		35		.5
50	1,2,3-TRICHLOROPROPANE		31		.5
51	N-PROPYLBENZENE		39		.5
52	BROMOBENZENE		36		.5
53	1,3,5-TRIMETHYLBENZENE		35		.5
54	2-CHLOROTOLUENE		34		.5
55	4-CHLOROTOLUENE		40		.5
56	TERT-BUTYLBENZENE		39		.5
57	1,2,4-TRIMETHYLBENZENE		38		.5
58	SEC-BUTYLBENZENE		40		.5
59	P-ISOPROPYLTOLUENE		39		.5
60	1,3-DICHLOROBENZENE		41		.5
61	1,4-DICHLOROBENZENE		42		.5
62	N-BUTYLBENZENE		44		.5
63	1,2-DICHLOROBENZENE		43		.5
64	1,2-DIBROMO-3-CHLOROPRO		42		.5
65	1,2,4-TRICHLOROBENZENE		49		.5
66	HEXACHLOROBUTADIENE		46		.5
67	NAPHTHALENE		47		.5
68	1,2,3-TRICHLOROBENZENE		47		.5
69	ETHANOL		< MDL		30

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:27:41

Sample: AD31458
 Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 12/28/01 13:27 Ended: 12/28/01 13:27 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		.5
2	Surr - 1,2-DICHLOROETHANE-		5.3		.5
3	Dichlorodifluoromethane		122.5		.5
4	Dichloromethane		115		.5
5	Vinyl chloride		137.5		.5
6	Bromomethane		142.5		.5
7	Chloroethane		135		.5
8	Trichlorofluoromethane		110		.5
9	1,1-Dichloroethene		120		.5
10	Methylene Chloride		115		.5
11	Methyl tert butyl ether		82.5		1.0
12	trans-1,2-dichloroethene		112.5		.5
13	1,1-dichloroethane		112.5		.5
14	2-butanone (MEK)		82.5		2.0
15	2,2-dichloropropane		122.5		.5
16	cis-1,2-dichloroethene		105		.5
17	Chloroform		120		.5
18	Bromochloromethane		107.5		.5
19	1,2-dichloroethane		105		.5
20	Surr - TOLUENE-D8		4.5		.5
21	1,1,1-trichloroethane		112.5		.5
22	1,1-dichloropropene		107.5		.5
23	Carbon tetrachloride		120		.5
24	Benzene		100		.5
25	Trichloroethene		102.5		.5
26	1,2-dichloropropane		90		.5
27	Dibromomethane		97.5		.5
28	Bromodichloromethane		107.5		.5
29	Methyl iso-butyl ketone		72.5		1.0
30	cis-1,3-dichloropropene		100		.5
31	Toluene		102.5		.5
32	trans-1,3-dichloropropene		105		.5
33	1,1,2-trichloroethane		102.5		.5
34	Tetrachloroethene		122.5		.5
35	1,3-dichloropropane		107.5		.5
36	Dibromochloromethane		115		2.0
37	Chlorobenzene		110		.5
38	1,1,1,2-tetrachloroethane		117.5		.5
39	Ethylbenzene		117.5		.5
40	P & M-xylene		112.5		.5
41	O-xylene		125		.5
42	Styrene		120		.5
43	1,1,2,2-tetrachloroethane		127.5		.5
44	Bromoform		97.5		2.0
45	Isopropylbenzene		87.5		.5
46	1,2,3-trichloropropane		77.5		.5
47	N-propylbenzene		97.5		.5
48	Bromobenzene		90		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:27:41

Sample: AD31458
Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 12/28/01 13:27 Ended: 12/28/01 13:27 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		87.5		.5
50	2-chlorotoluene		85		.5
51	4-chlorotoluene		100		.5
52	TERT-butylbenzene		97.5		.5
53	1,2,4-trimethylbenzene		95		.5
54	SEC-butylbenzene		100		.5
55	P-isopropyltoluene		97.5		.5
56	1,3-dichlorobenzene		102.5		.5
57	1,4-dichlorobenzene		105		.5
58	N-butylbenzene		110		.5
59	1,2-dichlorobenzene		107.5		.5
60	1,2,4-trichlorobenzene		122.5		.5
61	Hexachlorobutadiene		115		.5
62	Naphthalene		117.5		.5
63	1,2,3-trichlorobenzene		117.5		.5

Data File : C:\HPCHEM\1\DATA\01dec27\1227R40.D
 Acq On : 27 Dec 2001 12:22 pm
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 13:01 2001

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	14.46	114	914486	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	980438	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	816347	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	316437	5.25	ug/L	0.09
Spiked Amount	5.000		Recovery	=	105.00%	
3) 4-BROMOFLUOROBENZENE	23.62	174	471055	6.71	ug/L	0.09
Spiked Amount	5.000		Recovery	=	134.20%	
23) TOLUENE-D8	17.78	98	1163059	4.47	ug/L	0.10
Spiked Amount	5.000		Recovery	=	89.40%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.50	85	1464171	49.06	ug/L	99
5) CHLOROMETHANE	5.00	50	1224905	66.01	ug/L	97
6) VINYL CHLORIDE	5.14	62	1013902	54.94	ug/L	97
7) BROMOMETHANE	6.09	94	924127	57.26	ug/L	98
8) CHLOROETHANE	6.23	64	686355	54.25	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.76	101	1757374	43.87	ug/L	97
10) ACETONE	7.69	43	234997	38.31	ug/L	97
11) 1,1-DICHLOROETHENE	8.03	61	2519479	48.48	ug/L	98
12) METHYLENE CHLORIDE	9.00	49	2311809	45.89	ug/L	93
13) METHYL TERT BUTYL ETHER	9.31	73	2187655	32.90	ug/L	96
14) TRANS-1,2-DICHLOROETHENE	9.67	61	2562597	45.47	ug/L	88
15) 1,1-DICHLOROETHANE	10.54	63	3185376	45.31	ug/L	98
16) 2-BUTANONE (MEK)	11.36	43	353404	32.61	ug/L	94
17) 2,2-DICHLOROPROPANE	11.75	77	2825697	48.77	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.83	96	1673821	42.49	ug/L	89
19) CHLOROFORM	12.17	83	3188031	47.52	ug/L	99
20) BROMOCHLOROMETHANE	12.53	49	1362081	42.79	ug/L	93
21) 1,2-DICHLOROETHANE	13.88	62	1914093	42.40	ug/L	99
24) 1,1,1-TRICHLOROETHANE	13.04	97	2721491	45.19	ug/L	98
25) 1,1-DICHLOROPROPENE	13.38	75	2541716	42.77	ug/L	98
26) CARBON TETRACHLORIDE	13.62	117	2452101	47.88	ug/L	99
27) BENZENE	13.98	78	6863031	39.73	ug/L	97
28) TRICHLOROETHENE	15.24	95	1881729	40.66	ug/L	98
29) 1,2-DICHLOROPROPANE	15.60	63	1753263	36.44	ug/L	99
30) DIBROMOMETHANE	16.25	174	673184	39.30	ug/L	91
31) BROMODICHLOROMETHANE	16.09	83	2398961	43.27	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.60	63	526077	29.44	ug/L	93
33) Methyl iso-butyl ketone	16.67	58	265529	28.89	ug/L	97

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

1227R40.D HP121001.M Thu Dec 27 13:01:15 2001

Page 1

Data File : C:\HPCHEM\1\DATA\01dec27\1227R40.D
 Acq On : 27 Dec 2001 12:22 pm
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 13:01 2001

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

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.18	75	2788361	40.16	ug/L	99
35) TOLUENE	17.95	91	7987627	40.97	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	2243364	41.61	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.61	97	1089289	40.79	ug/L	99
38) TETRACHLOROETHENE	19.38	166	2243554	48.81	ug/L	96
39) 1,3-DICHLOROPROPANE	19.12	76	2235016	43.34	ug/L	99
40) DIBROMOCHLOROMETHANE	19.81	129	1498056	46.16	ug/L	99
41) 1,2-DIBROMOETHANE	20.25	107	1032695	40.63	ug/L	98
42) CHLOROBENZENE	21.14	112	5699242	43.96	ug/L	97
43) 1,1,1,2-TETRACHLOROETHANE	21.19	131	1982437	46.90	ug/L	96
44) 2-HEXANONE	18.51	43	563049	36.68	ug/L	100
45) ETHYLBENZENE	21.19	91	11205954	46.67	ug/L	96
46) P & M-XYLENE	21.36	106	8111881	89.92	ug/L	96
47) O-XYLENE	22.31	91	9654637	50.45	ug/L	98
48) STYRENE	22.38	104	7141334	47.98	ug/L	97
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	1458584	51.06	ug/L	100
51) BROMOFORM	23.21	173	950597	38.52	ug/L	99
52) ISOPROPYLBENZENE	23.04	105	12467590	34.97	ug/L	99
53) 1,2,3-TRICHLOROPROPANE	23.71	110	406041	31.23	ug/L	97
54) N-PROPYLBENZENE	23.90	91	17878107	38.67	ug/L	98
55) BROMOBENZENE	24.13	156	2727783	35.91	ug/L	84
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	10860562	35.27	ug/L	99
57) 2-CHLOROTOLUENE	24.37	91	10112549	34.49	ug/L	97
58) 4-CHLOROTOLUENE	24.46	91	10574552	40.28	ug/L	97
59) TERT-BUTYLBENZENE	25.00	134	2545519	38.69	ug/L	97
60) 1,2,4-TRIMETHYLBENZENE	25.10	105	12285418	38.43	ug/L	100
61) SEC-BUTYLBENZENE	25.46	105	17077536	39.82	ug/L	98
62) P-ISOPROPYLTOLUENE	25.72	119	13358152	38.79	ug/L	98
63) 1,3-DICHLOROBENZENE	26.08	146	6736117	41.03	ug/L	96
64) 1,4-DICHLOROBENZENE	26.28	146	6831926	41.61	ug/L	97
65) N-BUTYLBENZENE	26.60	91	14435063	43.82	ug/L	97
66) 1,2-DICHLOROBENZENE	27.12	146	5836989	43.08	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	293099	42.31	ug/L	93
68) NITROBENZENE	28.97	77	2436068	853.30	ug/L	92
69) 1,2,4-TRICHLOROBENZENE	30.71	180	3690175	49.13	ug/L	99
70) HEXACHLOROBUTADIENE	30.97	225	2076498	45.50	ug/L	99
71) NAPHTHALENE	31.37	128	3885770	46.94	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.94	180	2577266	46.76	ug/L	98

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

1227R40.D HP121001.M Thu Dec 27 13:01:18 2001

Page 2

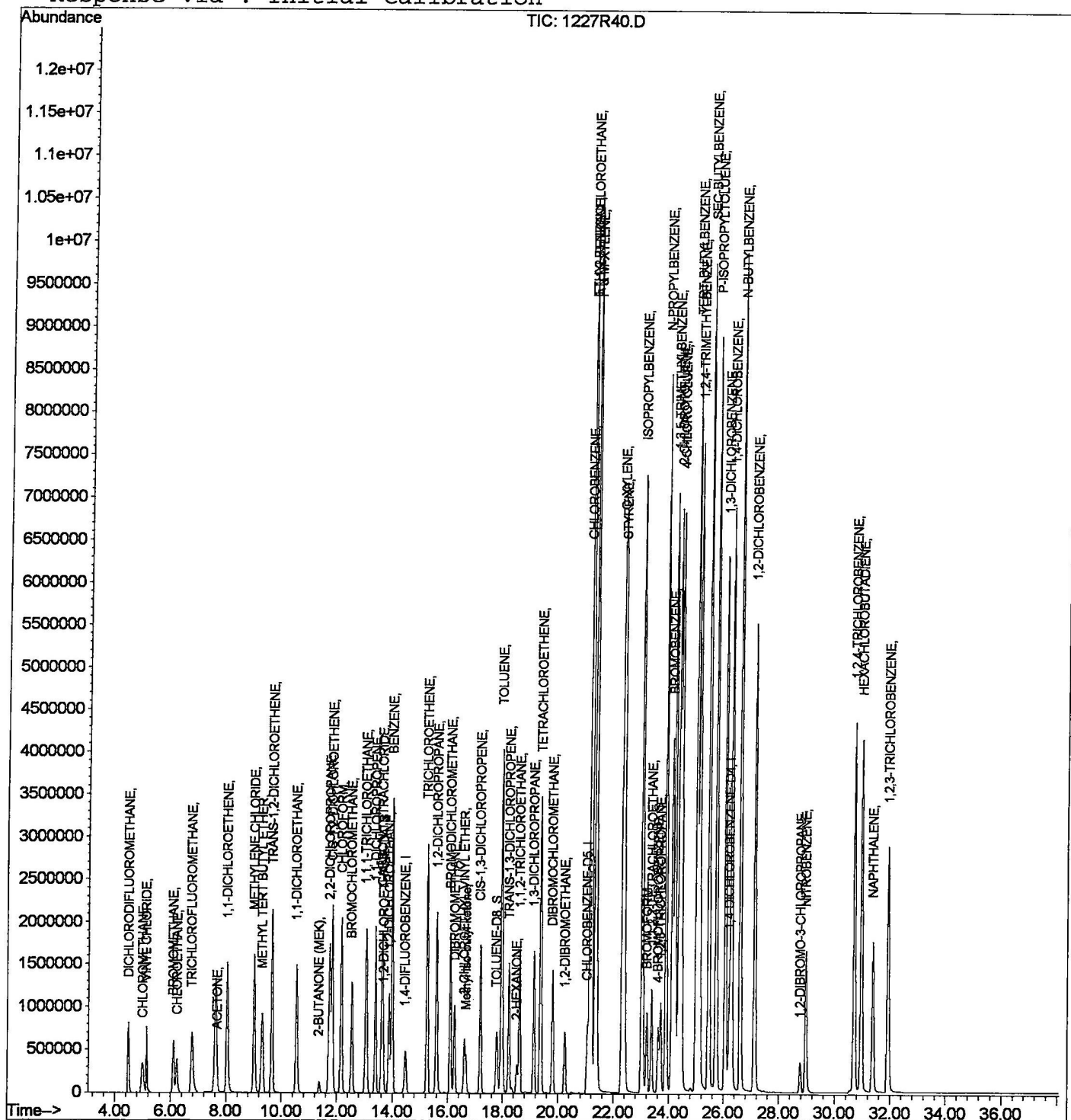
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\1227R40.D
Acq On : 27 Dec 2001 12:22 pm
Sample : ref 40
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 13:01 2001

Vial: 9
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: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:30:16

Sample: AD31374
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:03 Ended: 12/27/01 00:03 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31374.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2		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		5.0		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	<u>AV</u>
DATE	<u>1/2/02</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:30:16

Sample: AD31374
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/27/01 00:03 Ended: 12/27/01 00:03 Analyst: BH
Result source: m:\instruments\206\rrfiles\31374.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\01dec27\31374.D

Vial: 6

Acq On : 27 Dec 2001 3:25 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 16:04 2001

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	14.46	114	837726	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	792660	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	365060	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	288780	5.23	ug/L	0.09
Spiked Amount 5.000			Recovery	=	104.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	262119	4.08	ug/L	0.09
Spiked Amount 5.000			Recovery	=	81.60%	
23) TOLUENE-D8	17.78	98	1058914	5.04	ug/L	0.10
Spiked Amount 5.000			Recovery	=	100.80%	
Target Compounds						Qvalue
16) 2-BUTANONE (MEK)	11.41	43	1664	0.17	ug/L	64
69) 1,2,4-TRICHLOROBENZENE	30.73	180	4977	0.15	ug/L	77
70) HEXACHLOROBUTADIENE	30.95	225	6620	0.32	ug/L	94
72) 1,2,3-TRICHLOROBENZENE	31.95	180	7408	0.30	ug/L	97

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

31374.D HP121001.M Thu Dec 27 16:04:12 2001

Page 1

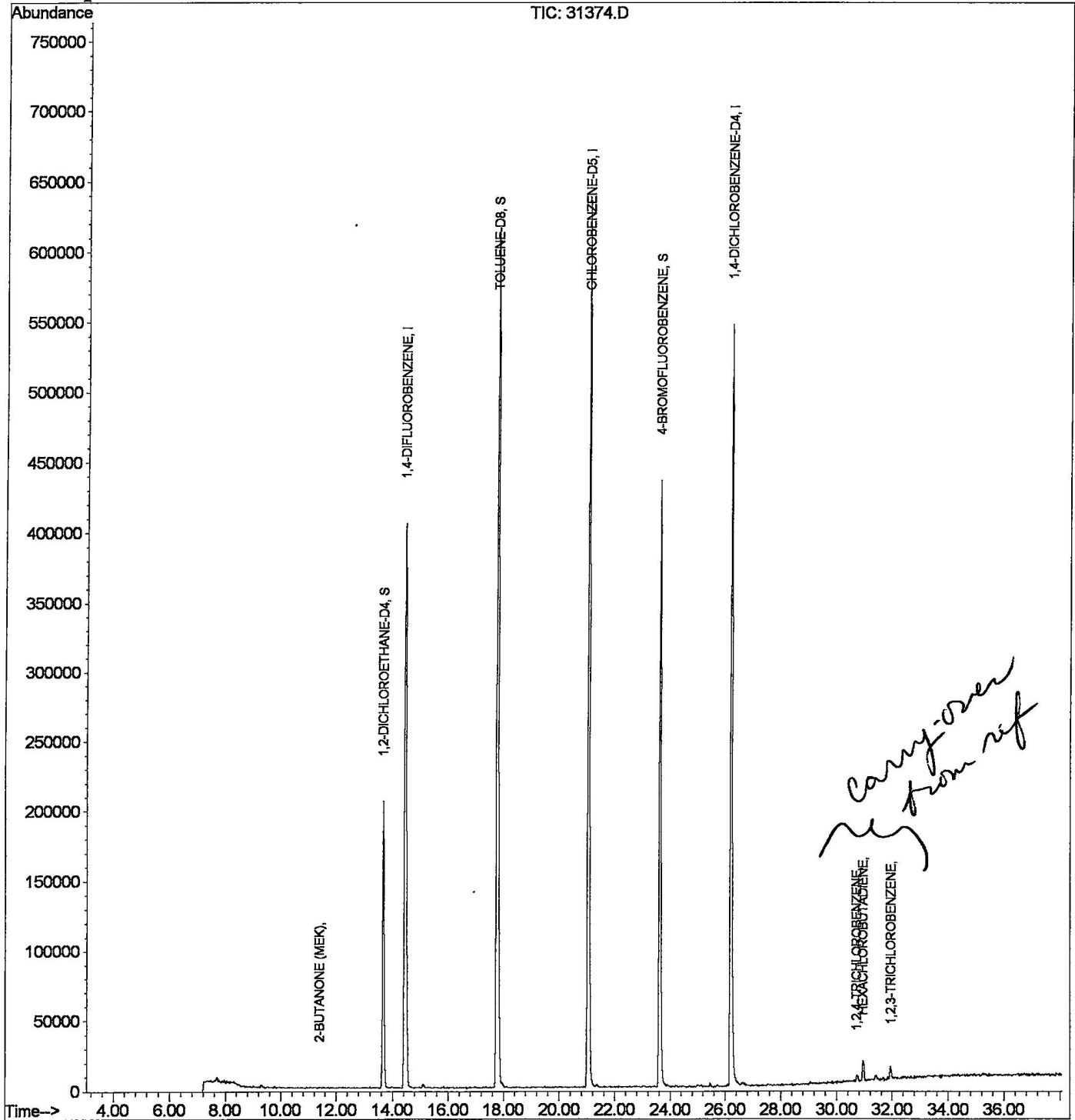
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Data File : C:\HPCHEM\1\DATA\01dec27\31374.D
Acq On : 27 Dec 2001 3:25 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 16:04 2001

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



Data File : C:\HPCHEM\1\DATA\01dec27\31374.D
 Acq On : 27 Dec 2001 3:25 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

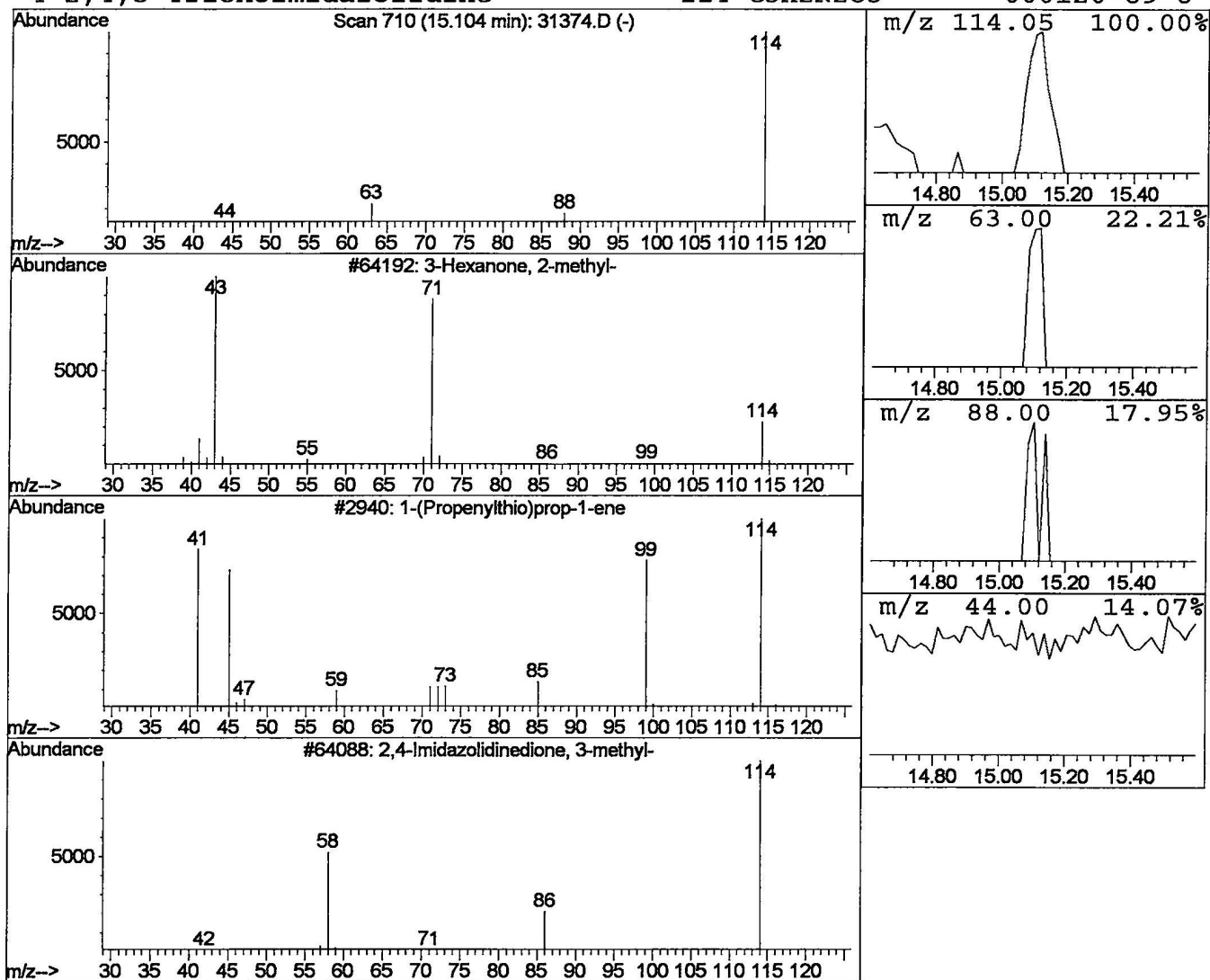
Vial: 6
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	13276	1,4-DIFLUOROBENZENE	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
2			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:31:32

Sample: AD31375
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:04 Ended: 12/27/01 00:04 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31375.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.5		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>AN</i>
DATE	<i>1/2/02</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:31:32

Sample: AD31375

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/27/01 00:04 Ended: 12/27/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\31375.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\01dec27\31375.D Vial: 7
Acq On : 27 Dec 2001 4:08 pm Operator: 206-BH
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Dec 27 16:47 2001 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	14.46	114	798578	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	751020	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	363610	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	290263	5.52	ug/L	0.09
Spiked Amount 5.000			Recovery	=	110.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	252908	4.13	ug/L	0.10
Spiked Amount 5.000			Recovery	=	82.60%	
23) TOLUENE-D8	17.78	98	1019497	5.12	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.40%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.42	43	2118	0.22	ug/L	Qvalue 64

(#) = qualifier out of range (m) = manual integration
31375.D HP121001.M Thu Dec 27 16:47:42 2001

Page 1

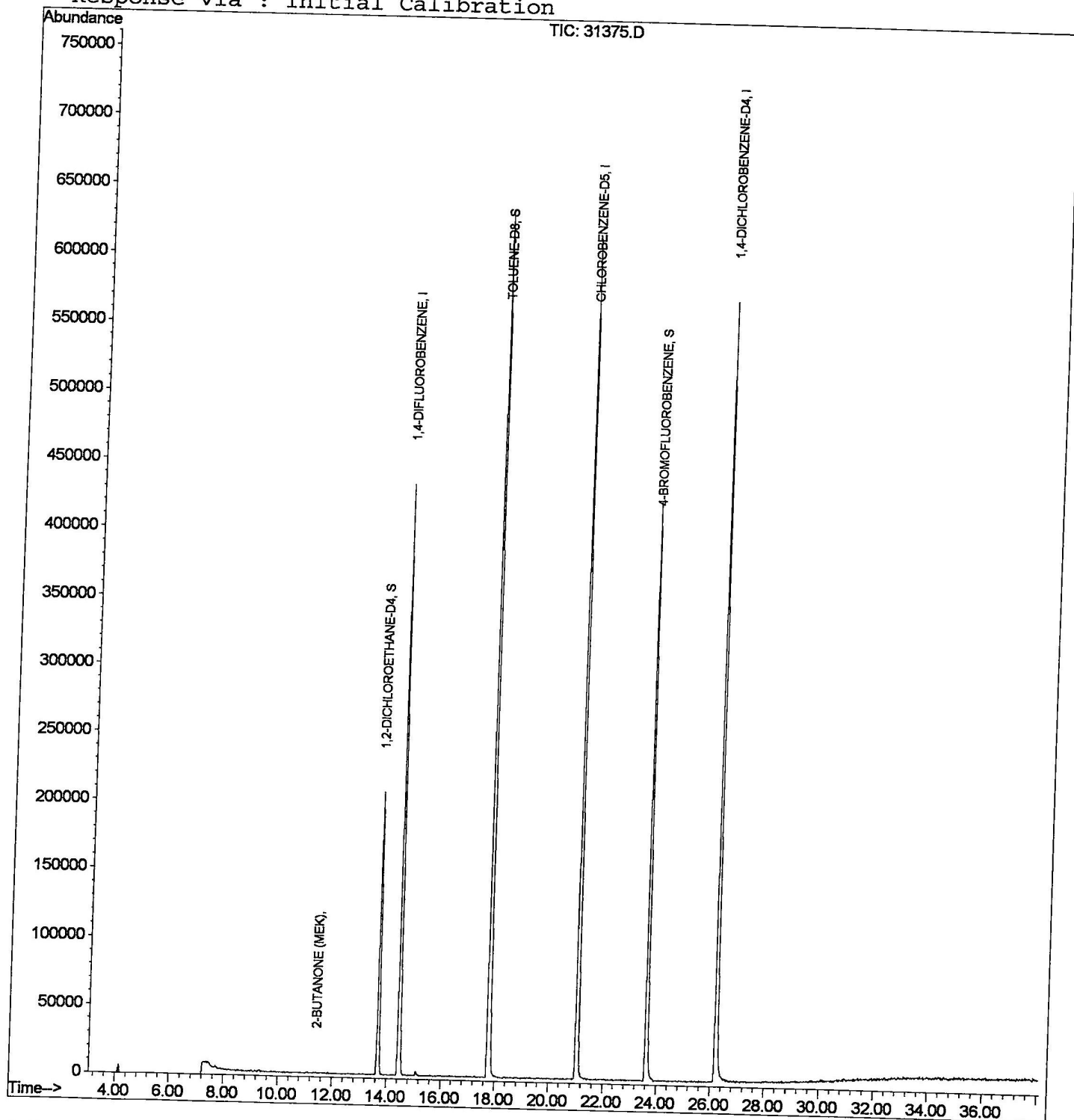
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31375.D
 Acq On : 27 Dec 2001 4:08 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 16:47 2001

Vial: 7
 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



31375.D HP121001.M

Thu Dec 27 16:47:45 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec27\31375.D
 Acq On : 27 Dec 2001 4:08 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

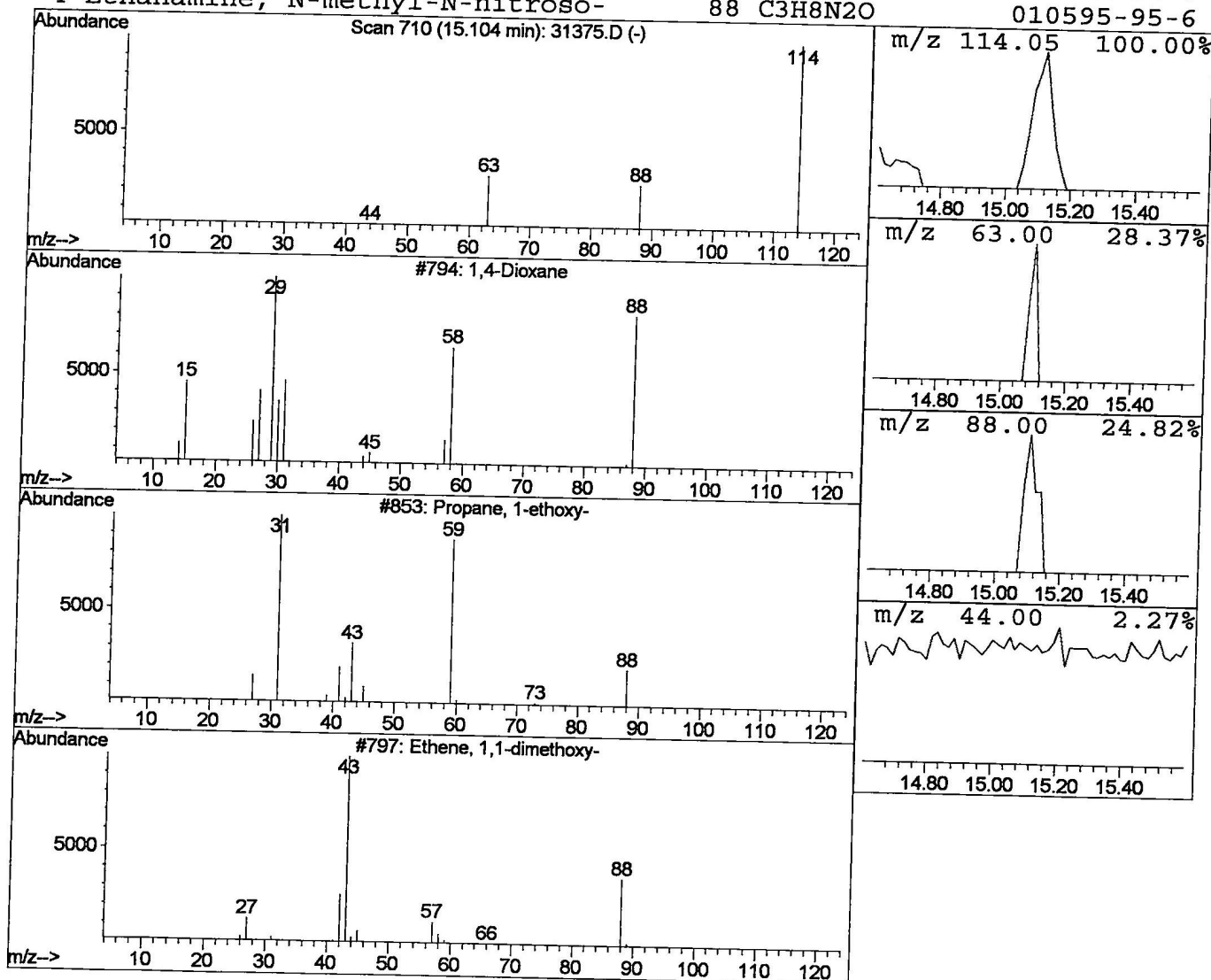
Vial: 7
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 4 1,4-Dioxane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	12053	1,4-DIFLUOROBENZENE	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	3
2	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
3	Ethene, 1,1-dimethoxy-	88	C4H8O2	000922-69-0	3
4	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:32:45

Sample: AD31376
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:04 Ended: 12/27/01 00:04 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31376.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 AN
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:32:45

Sample: AD31376
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/27/01 00:04 Ended: 12/27/01 00:04 Analyst: BH
Result source: m:\instruments\206\rrfiles\31376.rr
Page: 2

	Component Name	Vol	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\01dec27\31376.D

Acq On : 27 Dec 2001 4:52 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Dec 27 17:31 2001

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	14.46	114	731141	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	703252	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	340234	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	277199	5.76	ug/L	0.09
Spiked Amount 5.000			Recovery	=	115.20%	
3) 4-BROMOFLUOROBENZENE	23.64	174	236297	4.21	ug/L	0.10
Spiked Amount 5.000			Recovery	=	84.20%	
23) TOLUENE-D8	17.78	98	945390	5.07	ug/L	0.10
Spiked Amount 5.000			Recovery	=	101.40%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.41	43	1738	0.20	ug/L	Qvalue 64

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

31376.D HP121001.M Thu Dec 27 17:31:17 2001

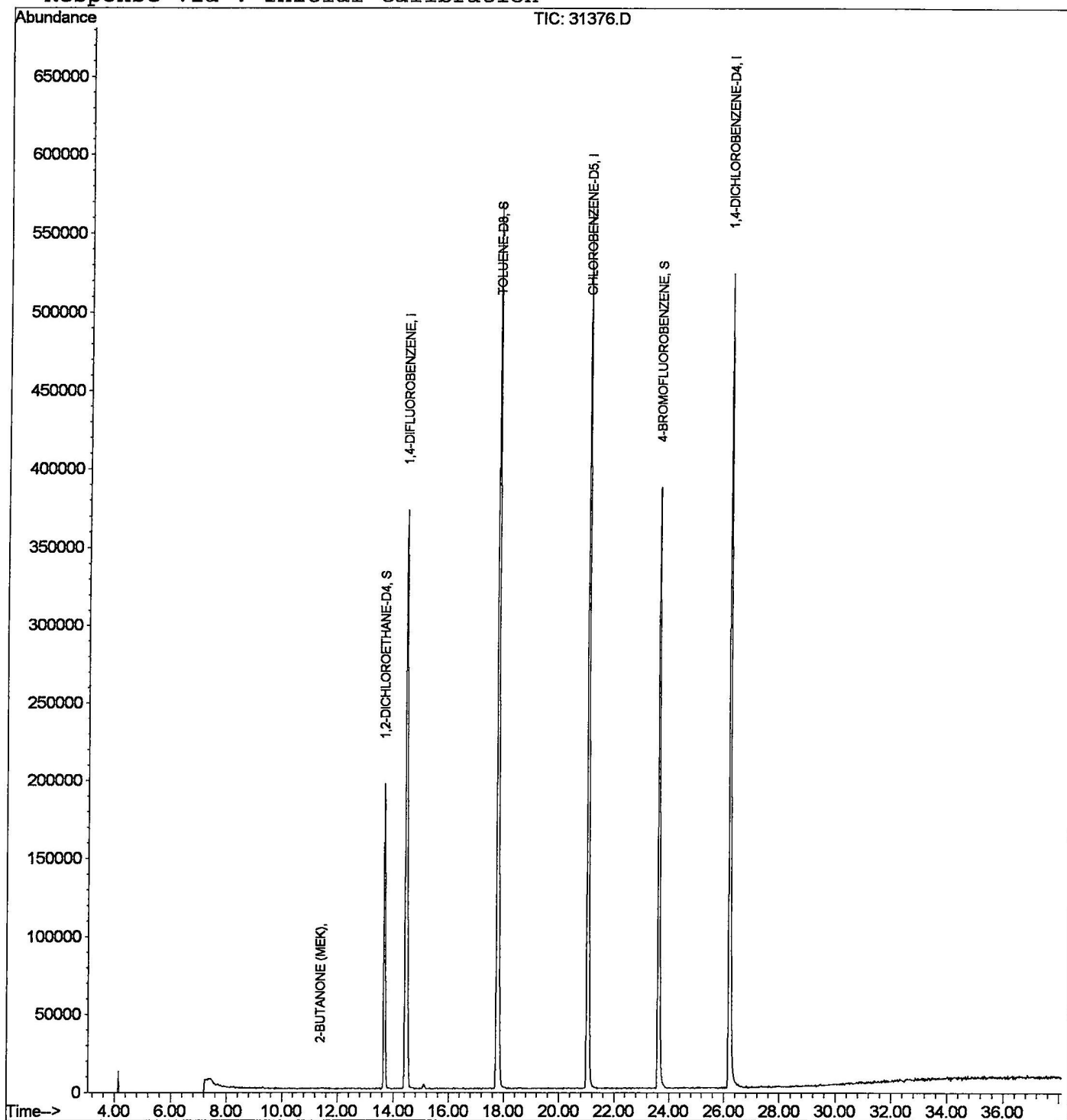
Page 1

Data File : C:\HPCHEM\1\DATA\01dec27\31376.D
Acq On : 27 Dec 2001 4:52 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 17:31 2001

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



Data File : C:\HPCHEM\1\DATA\01dec27\31376.D

Acq On : 27 Dec 2001 4:52 pm

Sample : 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)

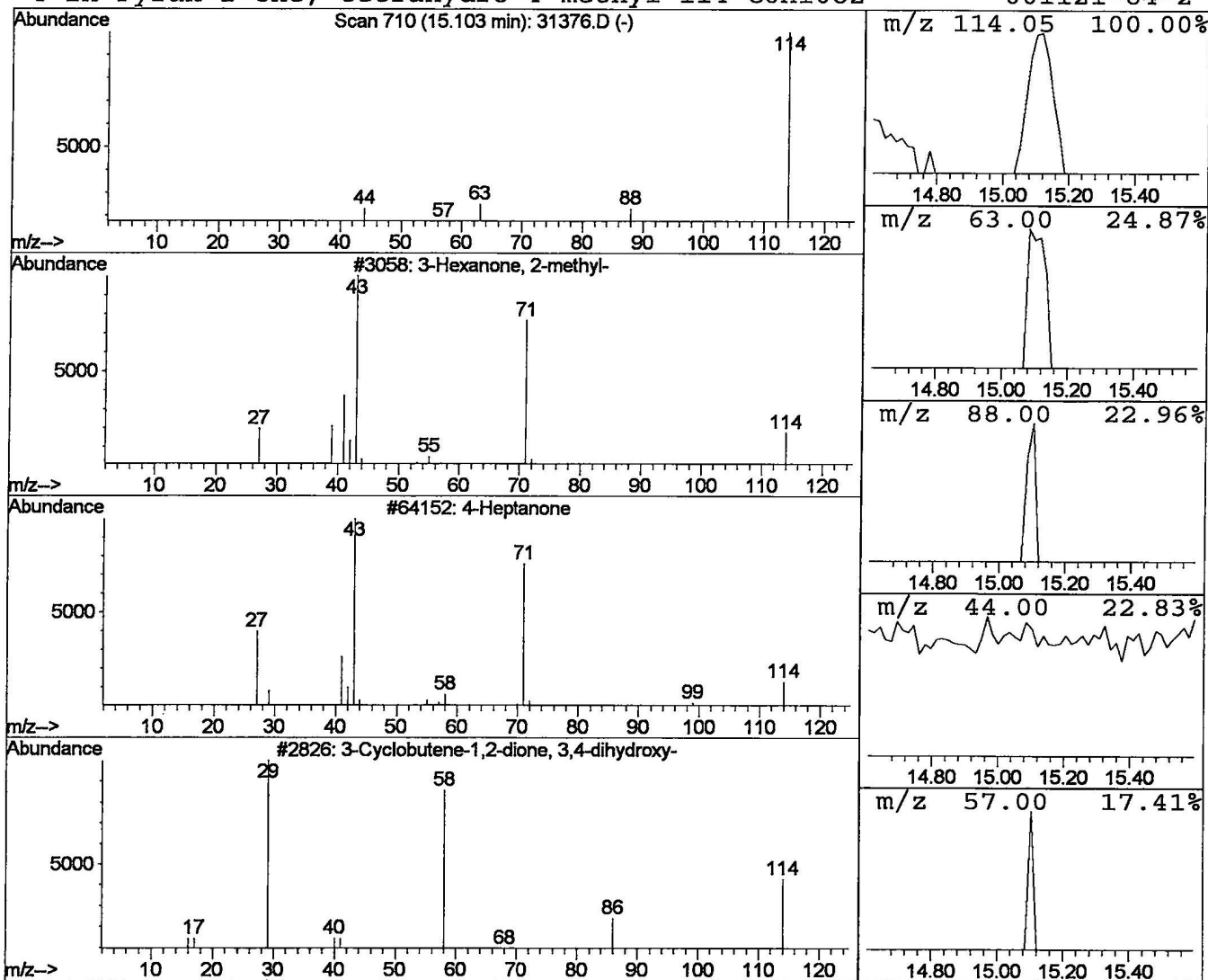
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	12468	1,4-DIFLUOROBENZENE	14.46

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	4
3			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
4			2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 12:19:57

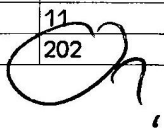
Sample: AD31458
 Analysis: SC2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 12/27/01 00:06 Ended: 12/27/01 00:06 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.8	.5
2	Surr_4-BROMOFLUOROBENZEN		5.9	.5
3	Dichlorodifluoromethane		8.5	.5
4	Chloromethane	USPEC	14	.5
5	Vinyl chloride	USPEC	16	.5
6	Bromomethane		13	.5
7	Chloroethane		13	.5
8	Trichlorofluoromethane		11	.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		11	.5
14	2-butanone (MEK)		9.4	2.0
15	2,2-dichloropropane		9.9	.5
16	cis-1,2-dichloroethene		9.6	.5
17	Chloroform		11	.5
18	Bromochloromethane		11	.5
19	1,2-dichloroethane		11	.5
20	Surr_TOLUENE-D8		4.9	.5
21	1,1,1- trichloroethane		11	.5
22	1,1-dichloropropene		9.9	.5
23	Carbon tetrachloride		11	.5
24	Benzene		9.9	.5
25	Trichloroethene		9.9	.5
26	1,2-dichloropropane		9.8	.5
27	Dibromomethane		9.7	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		8.2	1.0
30	cis-1,3-dichloropropene		10	.5
31	Toluene		9.9	.5
32	trans-1,3-dichloropropene		11	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		9.7	.5
35	1,3-dichloropropane		10	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		9.8	.5
38	1,1,1,2-tetrachloroethane		11	.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		8.9	2.0
45	Isopropylbenzene		7.6	.5
46	1,2,3-trichloropropane		8.3	.5
47	N-propylbenzene		8.0	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 12:19:57

Sample: AD31458
Analysis: SC2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 12/27/01 00:06 Ended: 12/27/01 00:06 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		8.6	.5
49	1,3,5-trimethylbenzene		7.8	.5
50	2-chlorotoluene		8.2	.5
51	4-chlorotoluene		8.8	.5
52	TERT-butylbenzene		8.4	.5
53	1,2,4-trimethylbenzene		8.5	.5
54	SEC-butylbenzene		8.3	.5
55	P-isopropyltoluene		8.4	.5
56	1,3-dichlorobenzene		9.6	.5
57	1,4-dichlorobenzene		9.5	.5
58	N-butylbenzene		9.4	.5
59	1,2-dichlorobenzene		10	.5
60	1,2,4-trichlorobenzene		11	.5
61	Hexachlobutadiene		9.7	.5
62	Naphthalene		10	.5
63	1,2,3-trichlorobenzene		11	.5
64	Nitrobenzene		202	5.0



Data File : C:\HPCHEM\1\DATA\01dec27\1227C10A.D

Vial: 8

Acq On : 27 Dec 2001 6:19 pm

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 18:58 2001

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	14.46	114	751163	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	742442	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	578231	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	286478	5.79	ug/L	0.09
Spiked Amount	5.000		Recovery	=	115.80%	
3) 4-BROMOFLUOROBENZENE	23.62	174	340021	5.90	ug/L	0.09
Spiked Amount	5.000		Recovery	=	118.00%	
23) TOLUENE-D8	17.78	98	973297	4.94	ug/L	0.10
Spiked Amount	5.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.50	85	208721	8.52	ug/L	100
5) CHLOROMETHANE	5.00	50	205851	13.51	ug/L	99
6) VINYL CHLORIDE	5.17	62	247579	16.33	ug/L	97
7) BROMOMETHANE	6.10	94	170375	12.85	ug/L	100
8) CHLOROETHANE	6.23	64	135418	13.03	ug/L	99
9) TRICHLOROFLUOROMETHANE	6.77	101	360195	10.95	ug/L	99
10) ACETONE	7.71	43	52738	10.47	ug/L	99
11) 1,1-DICHLOROETHENE	8.03	61	441388	10.34	ug/L	99
12) METHYLENE CHLORIDE	9.02	49	476960	11.53	ug/L	92
13) METHYL TERT BUTYL ETHER	9.31	73	507647	9.30	ug/L	98
14) TRANS-1,2-DICHLOROETHENE	9.67	61	463035	10.00	ug/L	90
15) 1,1-DICHLOROETHANE	10.54	63	612438	10.60	ug/L	98
16) 2-BUTANONE (MEK)	11.37	43	83748	9.41	ug/L	94
17) 2,2-DICHLOROPROPANE	11.75	77	470498	9.89	ug/L	100
18) CIS-1,2-DICHLOROETHENE	11.83	96	310513	9.60	ug/L	91
19) CHLOROFORM	12.17	83	620933	11.27	ug/L	100
20) BROMOCHLOROMETHANE	12.55	49	287031	10.98	ug/L	87
21) 1,2-DICHLOROETHANE	13.88	62	410234	11.06	ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.04	97	499552	10.95	ug/L	99
25) 1,1-DICHLOROPROPENE	13.38	75	444883	9.89	ug/L	99
26) CARBON TETRACHLORIDE	13.62	117	437074	11.27	ug/L	98
27) BENZENE	13.98	78	1290652	9.87	ug/L	99
28) TRICHLOROETHENE	15.24	95	347406	9.91	ug/L	99
29) 1,2-DICHLOROPROPANE	15.58	63	356907	9.80	ug/L	97
30) DIBROMOMETHANE	16.25	174	125174	9.65	ug/L	97
31) BROMODICHLOROMETHANE	16.09	83	469733	11.19	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.59	63	113524	8.39	ug/L	98
33) Methyl iso-butyl ketone	16.67	58	56731	8.15	ug/L	100

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

1227C10A.D HP121001.M

Thu Dec 27 18:58:18 2001

Page 1

Data File : C:\HPCHEM\1\DATA\01dec27\1227C10A.D

Vial: 8

Acq On : 27 Dec 2001 6:19 pm

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 18:58 2001

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	17.18	75	524394	9.97	ug/L	98
35) TOLUENE	17.95	91	1455140	9.86	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	432009	10.58	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.60	97	214231	10.59	ug/L	96
38) TETRACHLOROETHENE	19.38	166	336620	9.67	ug/L	96
39) 1,3-DICHLOROPROPANE	19.12	76	404661	10.36	ug/L	99
40) DIBROMOCHLOROMETHANE	19.81	129	261587	10.64	ug/L	99
41) 1,2-DIBROMOETHANE	20.25	107	190178	9.88	ug/L	97
42) CHLOROBENZENE	21.14	112	960756	9.79	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.19	131	343097	10.72	ug/L	95
44) 2-HEXANONE	18.51	43	116065	9.98	ug/L	94
45) ETHYLBENZENE	21.19	91	1838306	10.11	ug/L	98
46) P & M-XYLENE	21.34	106	1378137	20.17	ug/L	99
47) O-XYLENE	22.31	91	1586800	10.95	ug/L	98
48) STYRENE	22.36	104	1186839	10.53	ug/L	99
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	275937	12.76	ug/L	99
51) BROMOFORM	23.20	173	156239	8.94	ug/L	98
52) ISOPROPYLBENZENE	23.03	105	1907213	7.55	ug/L	97
53) 1,2,3-TRICHLOROPROPANE	23.71	110	75975	8.25	ug/L	98
54) N-PROPYLBENZENE	23.90	91	2611288	7.97	ug/L	99
55) BROMOBENZENE	24.12	156	460506	8.56	ug/L	94
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	1707212	7.83	ug/L	100
57) 2-CHLOROTOLUENE	24.37	91	1704645	8.21	ug/L	96
58) 4-CHLOROTOLUENE	24.44	91	1630432	8.77	ug/L	99
59) TERT-BUTYLBENZENE	25.00	134	392693	8.43	ug/L	97
60) 1,2,4-TRIMETHYLBENZENE	25.09	105	1926755	8.51	ug/L	99
61) SEC-BUTYLBENZENE	25.46	105	2518969	8.29	ug/L	98
62) P-ISOPROPYLTOLUENE	25.72	119	2060125	8.45	ug/L	98
63) 1,3-DICHLOROBENZENE	26.06	146	1116984	9.61	ug/L	98
64) 1,4-DICHLOROBENZENE	26.28	146	1109371	9.54	ug/L	97
65) N-BUTYLBENZENE	26.60	91	2191869	9.39	ug/L	98
66) 1,2-DICHLOROBENZENE	27.12	146	960657	10.01	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	49046	10.00	ug/L	94
68) NITROBENZENE	28.97	77	409322	202.42	ug/L	96
69) 1,2,4-TRICHLOROBENZENE	30.71	180	564127	10.60	ug/L	99
70) HEXACHLOROBUTADIENE	30.95	225	312044	9.65	ug/L	99
71) NAPHTHALENE	31.37	128	601111	10.25	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.94	180	410996	10.53	ug/L	97

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

1227C10A.D HP121001.M

Thu Dec 27 18:58:20 2001

Page 2

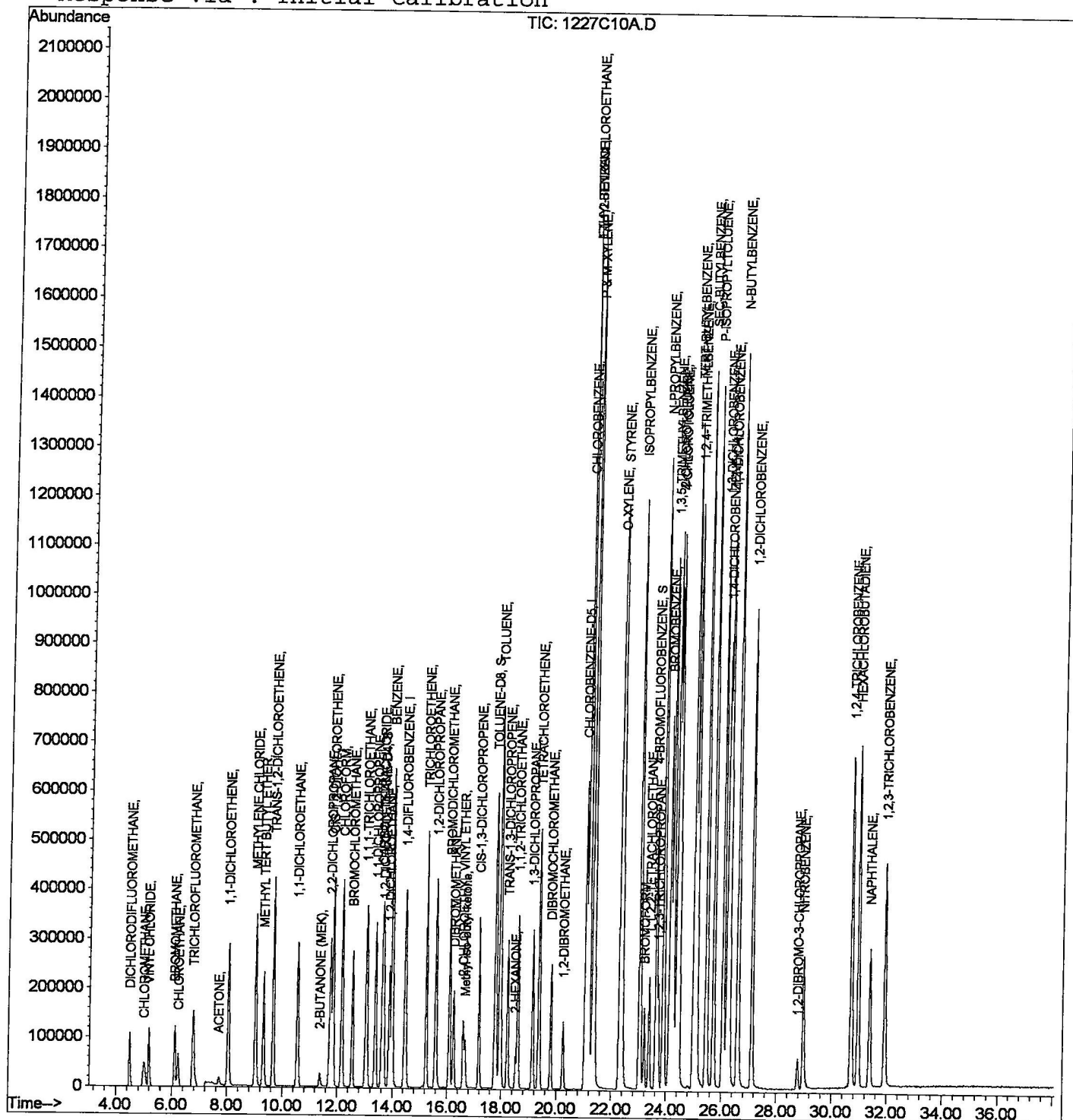
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\1227C10A.D
Acq On : 27 Dec 2001 6:19 pm
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 18:58 2001

Vial: 8
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: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:39:50

Sample: AD31378

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/27/01 00:07 Ended: 12/27/01 00:07 Analyst: BH

Result source: m:\instruments\206\rrfiles\31378.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		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 BV
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:39:50

Sample: AD31378

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/27/01 00:07 Ended: 12/27/01 00:07 Analyst: BH

Result source: m:\instruments\206\rrfiles\31378.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\01dec27\31378.D

Vial: 10

Acq On : 27 Dec 2001 7:46 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 20:26 2001

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	14.46	114	755201	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	706340	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	336868	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	285669	5.74	ug/L	0.09
Spiked Amount 5.000			Recovery	=	114.80%	
3) 4-BROMOFLUOROBENZENE	23.62	174	235067	4.06	ug/L	0.09
Spiked Amount 5.000			Recovery	=	81.20%	
23) TOLUENE-D8	17.78	98	962245	5.14	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.80%	
Target Compounds						Qvalue
10) ACETONE	7.71	43	11453	2.26	ug/L	93
16) 2-BUTANONE (MEK)	11.44	43	2548	0.28	ug/L	64

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

31378.D HP121001.M Thu Dec 27 20:27:53 2001

Page 1

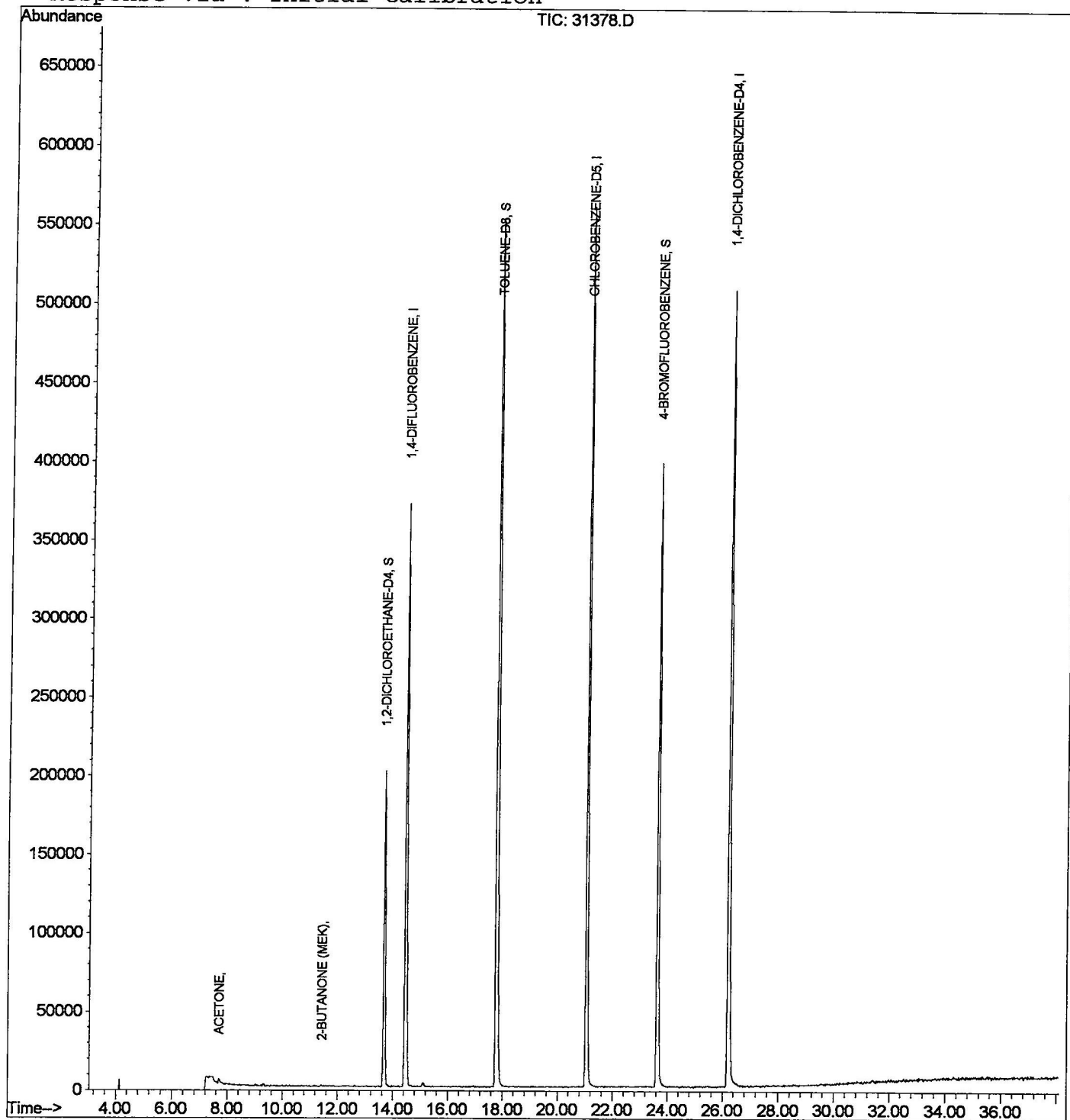
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31378.D
Acq On : 27 Dec 2001 7:46 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 20:26 2001

Vial: 10
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



31378.D HP121001.M

Thu Dec 27 20:28:24 2001

Page 2

Data File : C:\HPCHEM\1\DATA\01dec27\31378.D

Acq On : 27 Dec 2001 7:46 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Vial: 10

Operator: 206-BH

Inst : GC/MS Ins

Multiplr: 1.00

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

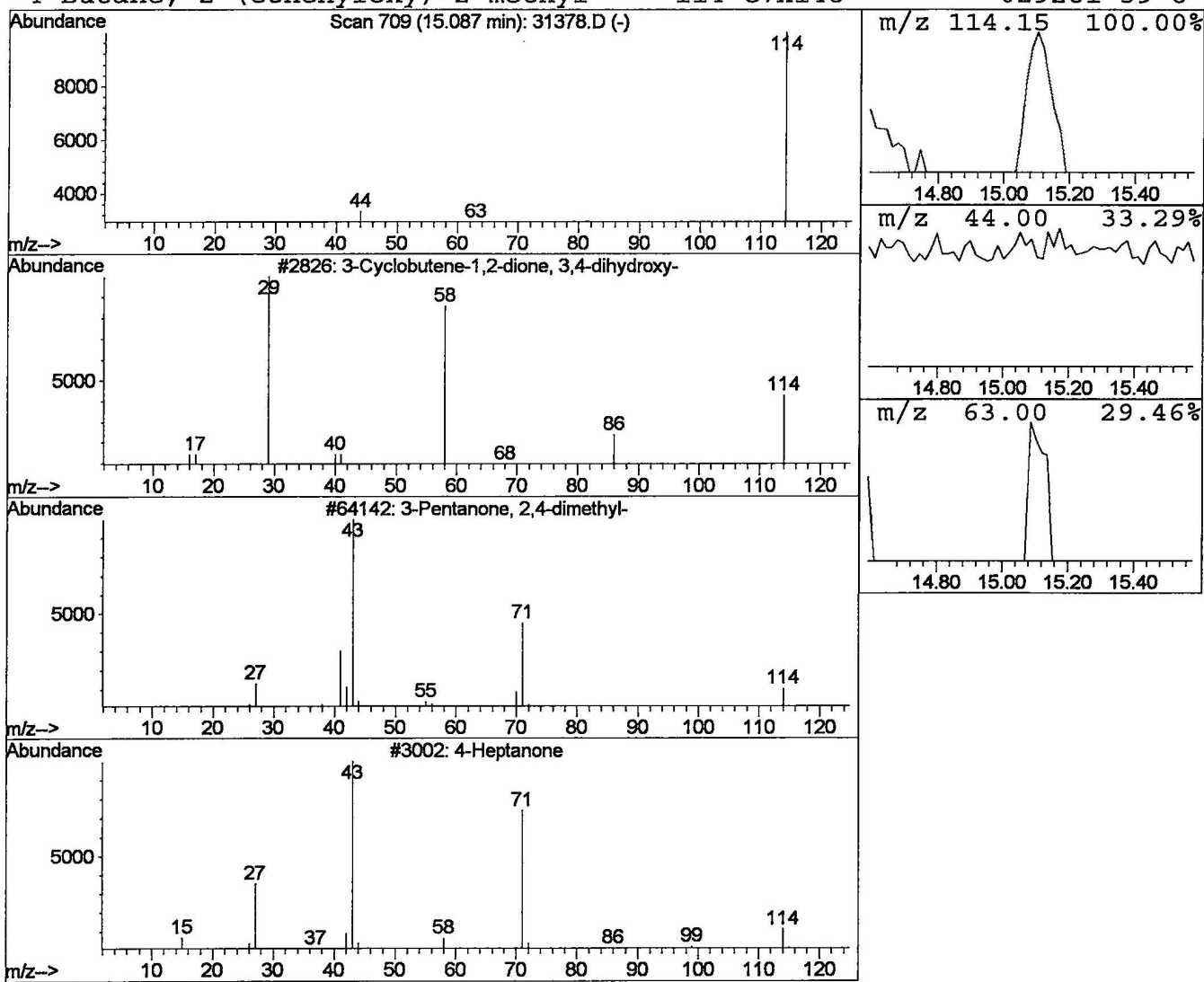
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.04 ug/L	13882	1,4-DIFLUOROBENZENE	14.46

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			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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:40:53

Sample: AD31379
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:08 Ended: 12/27/01 00:08 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31379.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		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		5.3		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 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:40:53

Sample: AD31379

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/27/01 00:08 Ended: 12/27/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\31379.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\01dec27\31379.D

Vial: 11

Acq On : 27 Dec 2001 8:32 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 21:12 2001

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	14.46	114	719134	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	678690	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	329994	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	278455	5.88	ug/L	0.09
Spiked Amount 5.000			Recovery	=	117.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	231002	4.19	ug/L	0.09
Spiked Amount 5.000			Recovery	=	83.80%	
23) TOLUENE-D8	17.78	98	945784	5.26	ug/L	0.10
Spiked Amount 5.000			Recovery	=	105.20%	
Target Compounds						Qvalue
10) ACETONE	7.72	43	16309	3.38	ug/L	96
16) 2-BUTANONE (MEK)	11.42	43	1991	0.23	ug/L	64

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

31379.D HP121001.M Thu Dec 27 21:13:24 2001

Page 1

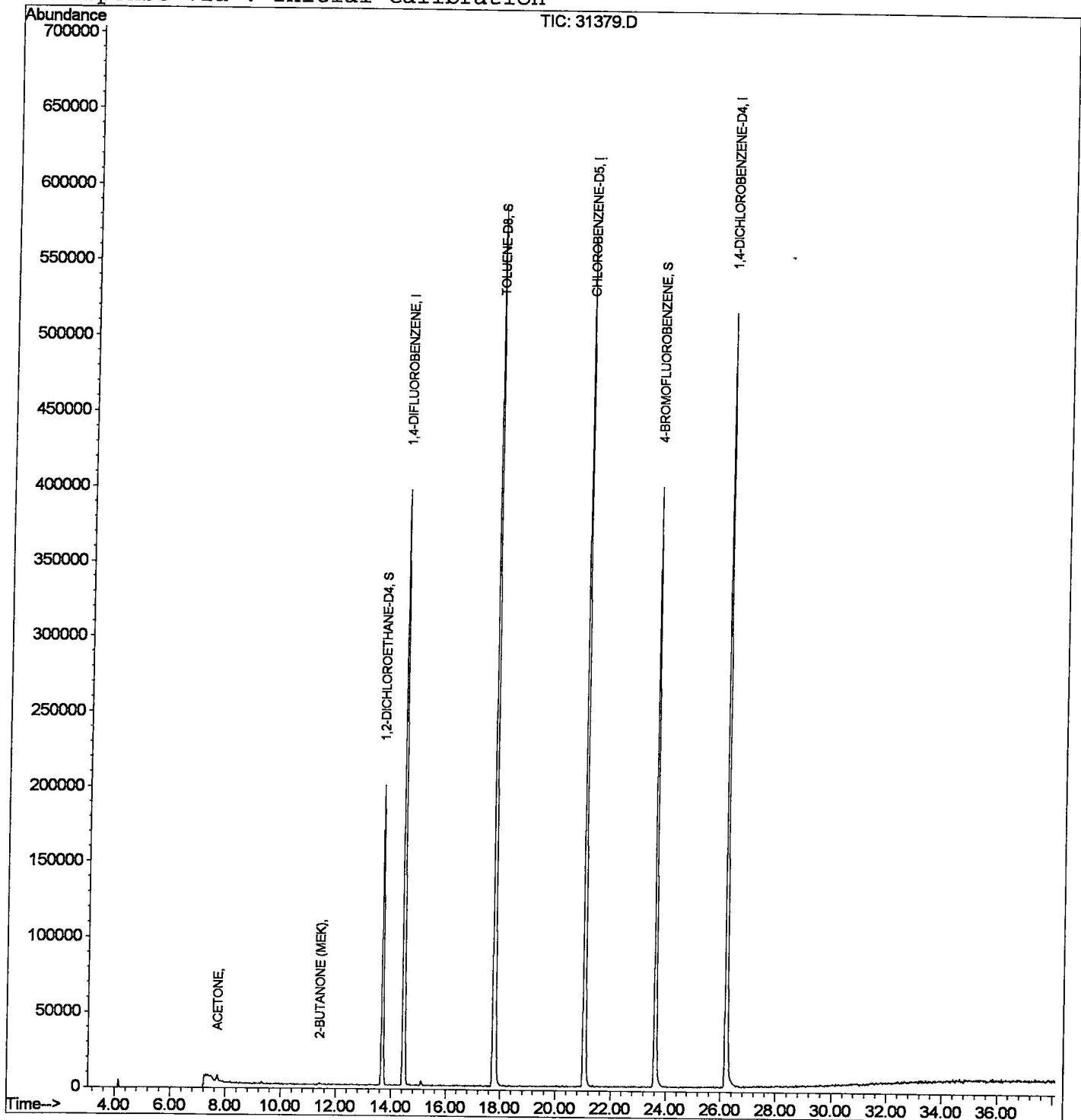
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31379.D
Acq On : 27 Dec 2001 8:32 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 21:12 2001

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



31379.D HP121001.M

Thu Dec 27 21:13:55 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec27\31379.D
 Acq On : 27 Dec 2001 8:32 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

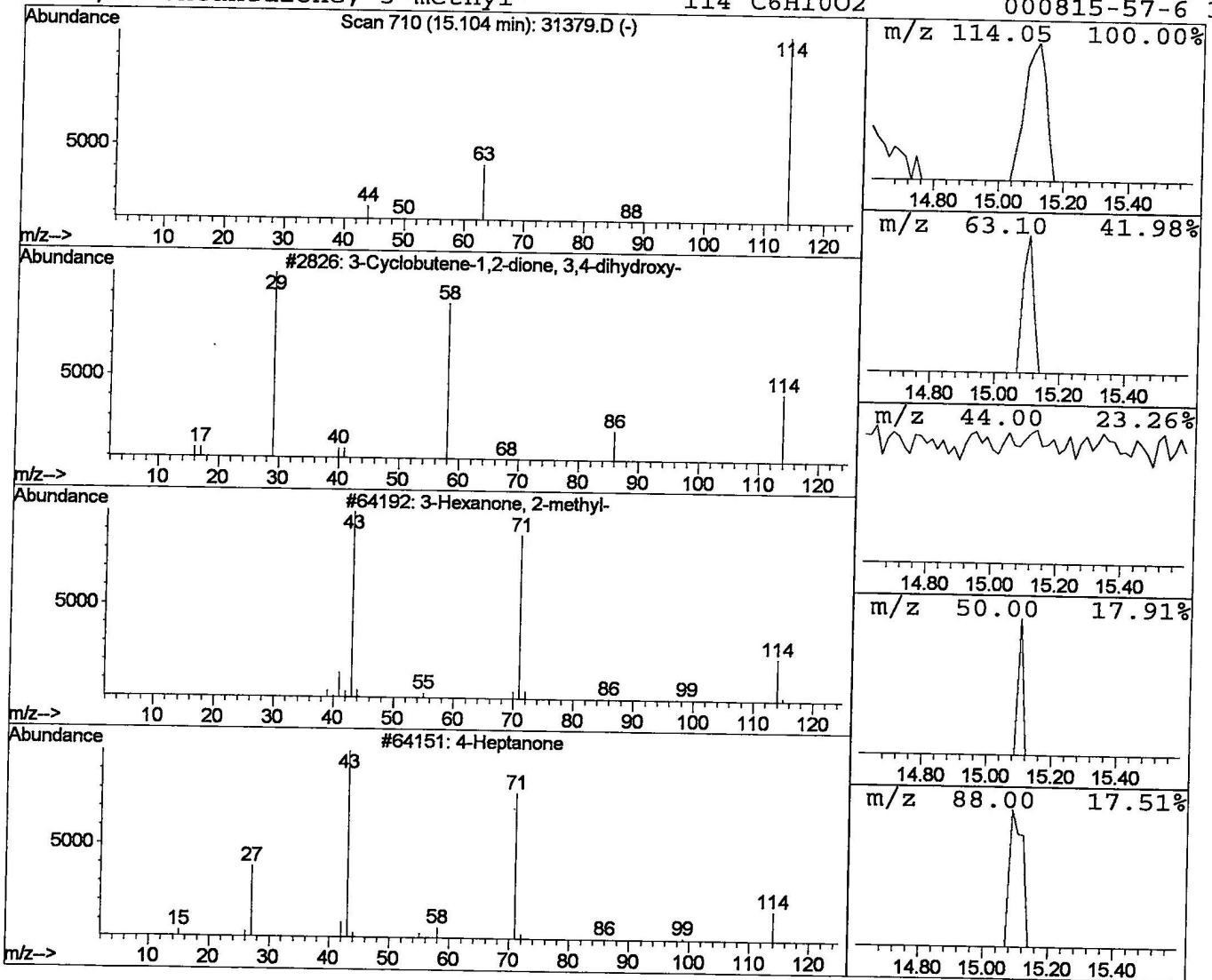
Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	13194	1,4-DIFLUOROBENZENE	14.46

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		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
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: 12/28/2001 Time: 13:41:59

Sample: AD31380

Analysis: 5524 Volatile Organic Compounds

Units: ug

Started: 12/27/01 00:09 Ended: 12/27/01 00:09 Analyst: BH

Result source: m:\instruments\206\rrfiles\31380.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		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 LN
 DATE 1/2/02

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec27\31380.D
 Acq On : 27 Dec 2001 9:17 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 21:58 2001

Vial: 12
 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	14.46	114	711179	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	691086	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	319738	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	270068	5.77	ug/L	0.09
Spiked Amount 5.000			Recovery	=	115.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	226183	4.14	ug/L	0.10
Spiked Amount 5.000			Recovery	=	82.80%	
23) TOLUENE-D8	17.78	98	896726	4.89	ug/L	0.10
Spiked Amount 5.000			Recovery	=	97.80%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.41	43	1415	0.17	ug/L	Qvalue 64

(#) = qualifier out of range (m) = manual integration
 31380.D HP121001.M Thu Dec 27 21:59:18 2001

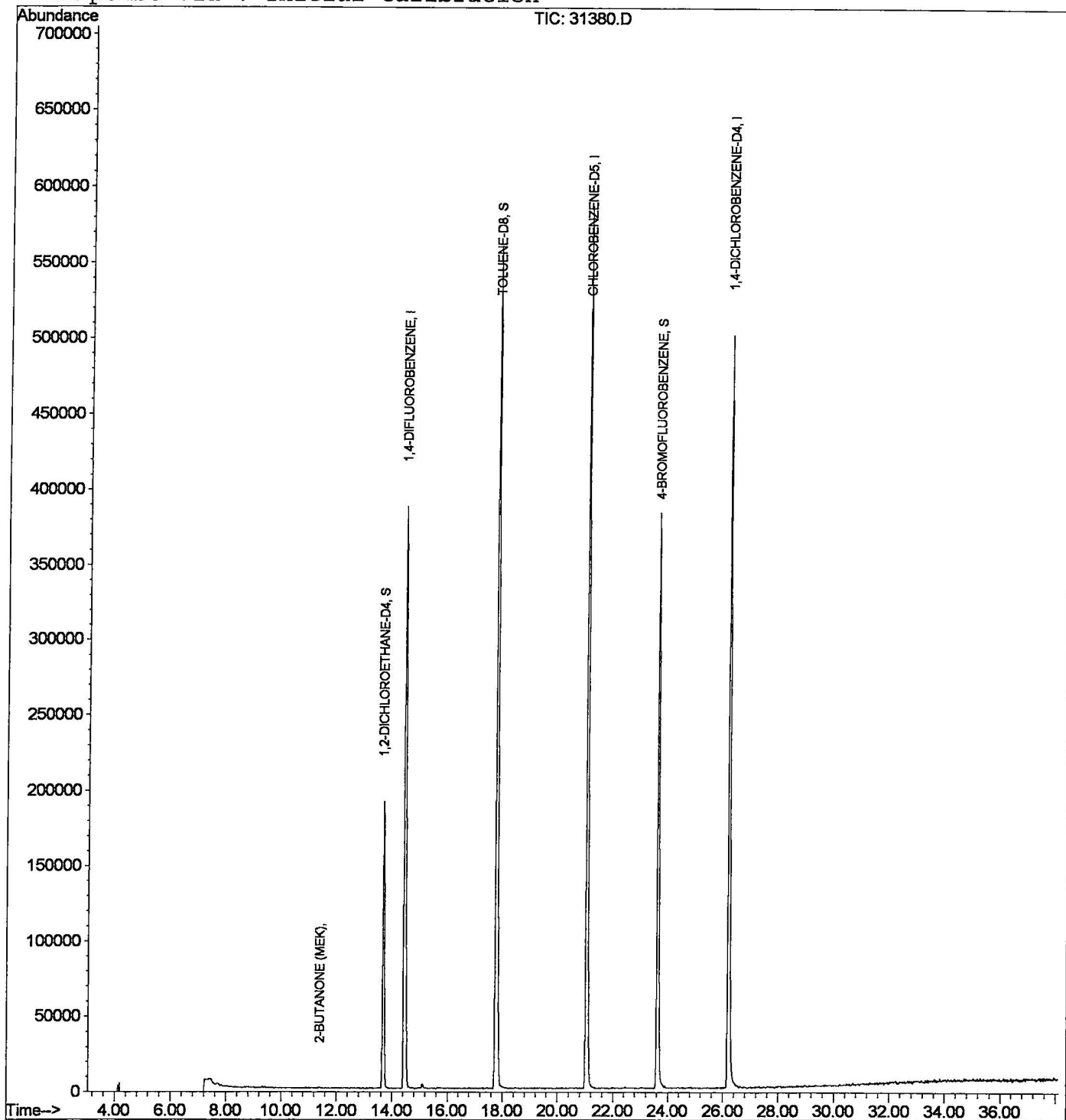
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31380.D
Acq On : 27 Dec 2001 9:17 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 21:58 2001

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\01DEC27\31380.D

Acq On : 27 Dec 2001 9:17 pm

Sample : 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)

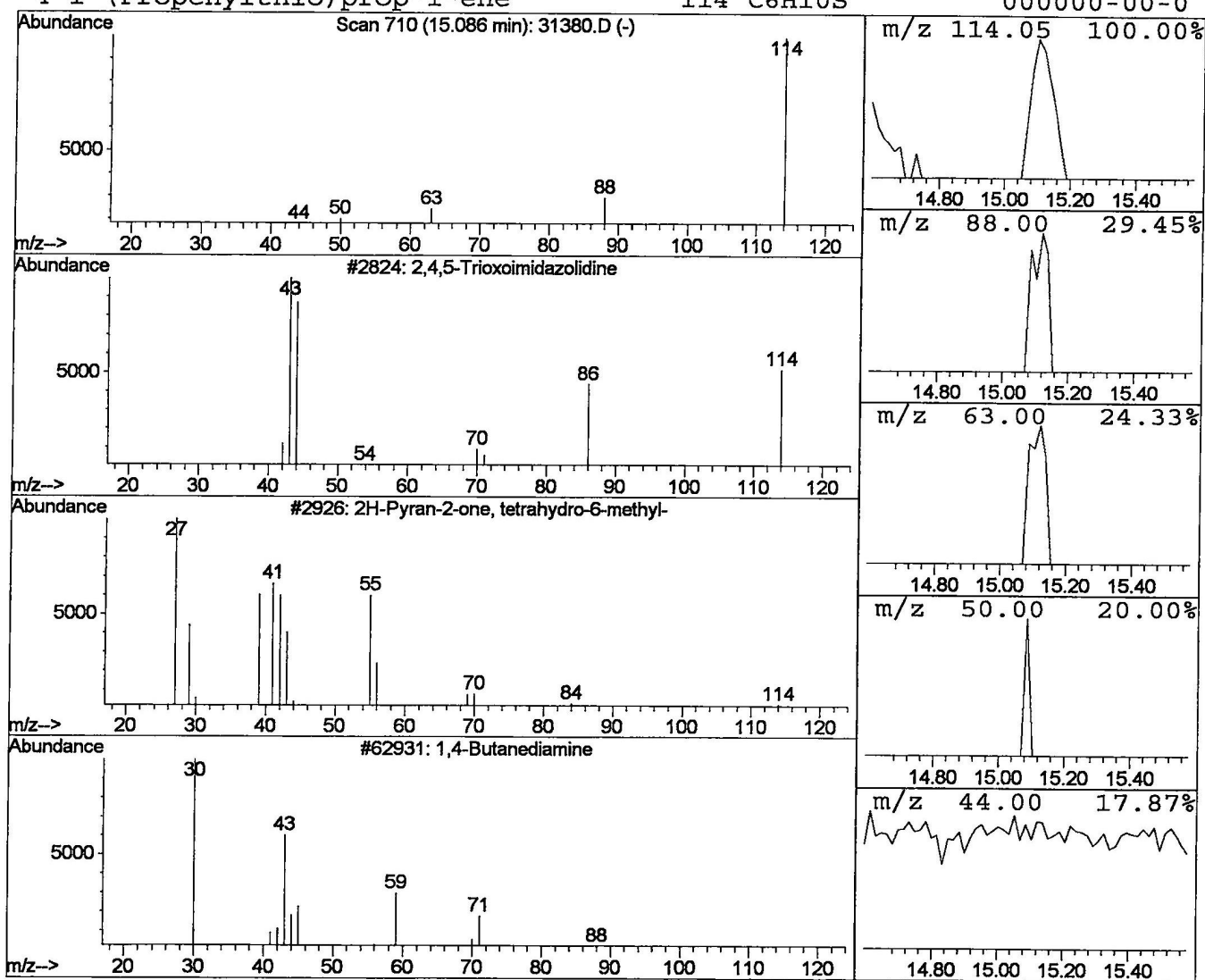
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.02 ug/L	5555	1,4-DIFLUOROBENZENE	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2			2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
3			1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:43:33

Sample: AD31456
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:00 Ended: 12/27/01 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31456.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		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	<u>AN</u>
DATE	<u>1/2/02</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:43:33

Sample: AD31456
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/27/01 00:00 Ended: 12/27/01 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\31456.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

Comments for Sample AD31456 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-02-2002 Time: 14:45:04

CARBON DISULFIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE ESTIMATED CONCENTRATION IS 1.0 ug/L. THIS RESULT WAS CONFIRMED BY A
DUPLICATE ANALYSIS. CARBON DISULFIDE IS NOT PRESENT IN THE FIELD BLANK.

Data File : C:\HPCHEM\1\DATA\01dec27\31456.D

Vial: 13

Acq On : 27 Dec 2001 10:03 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 22:43 2001

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	14.47	114	694707	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	664109	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	312760	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	262537	5.74	ug/L	0.09
Spiked Amount 5.000			Recovery	=	114.80%	
3) 4-BROMOFLUOROBENZENE	23.64	174	214895	4.03	ug/L	0.10
Spiked Amount 5.000			Recovery	=	80.60%	
23) TOLUENE-D8	17.78	98	891786	5.06	ug/L	0.10
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						
10) ACETONE	7.70	43	14003	3.00	ug/L	Qvalue 95
16) 2-BUTANONE (MEK)	11.39	43	1404	0.17	ug/L	64

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

31456.D HP121001.M Thu Dec 27 22:45:07 2001

Page 1

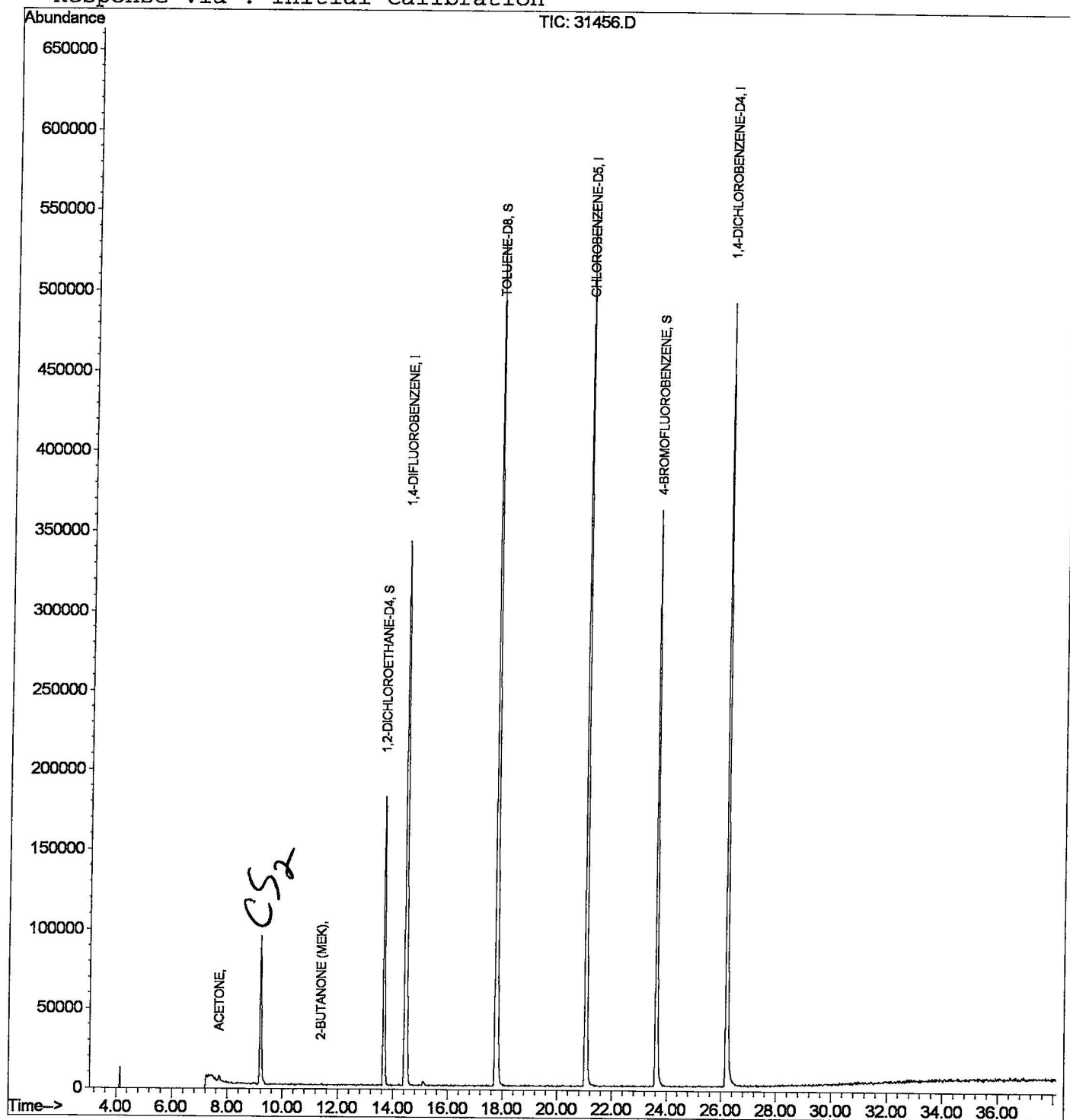
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31456.D
Acq On : 27 Dec 2001 10:03 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 22:43 2001

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



31456.D HP121001.M

Thu Dec 27 22:45:38 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec27\31456.D
 Acq On : 27 Dec 2001 10:03 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

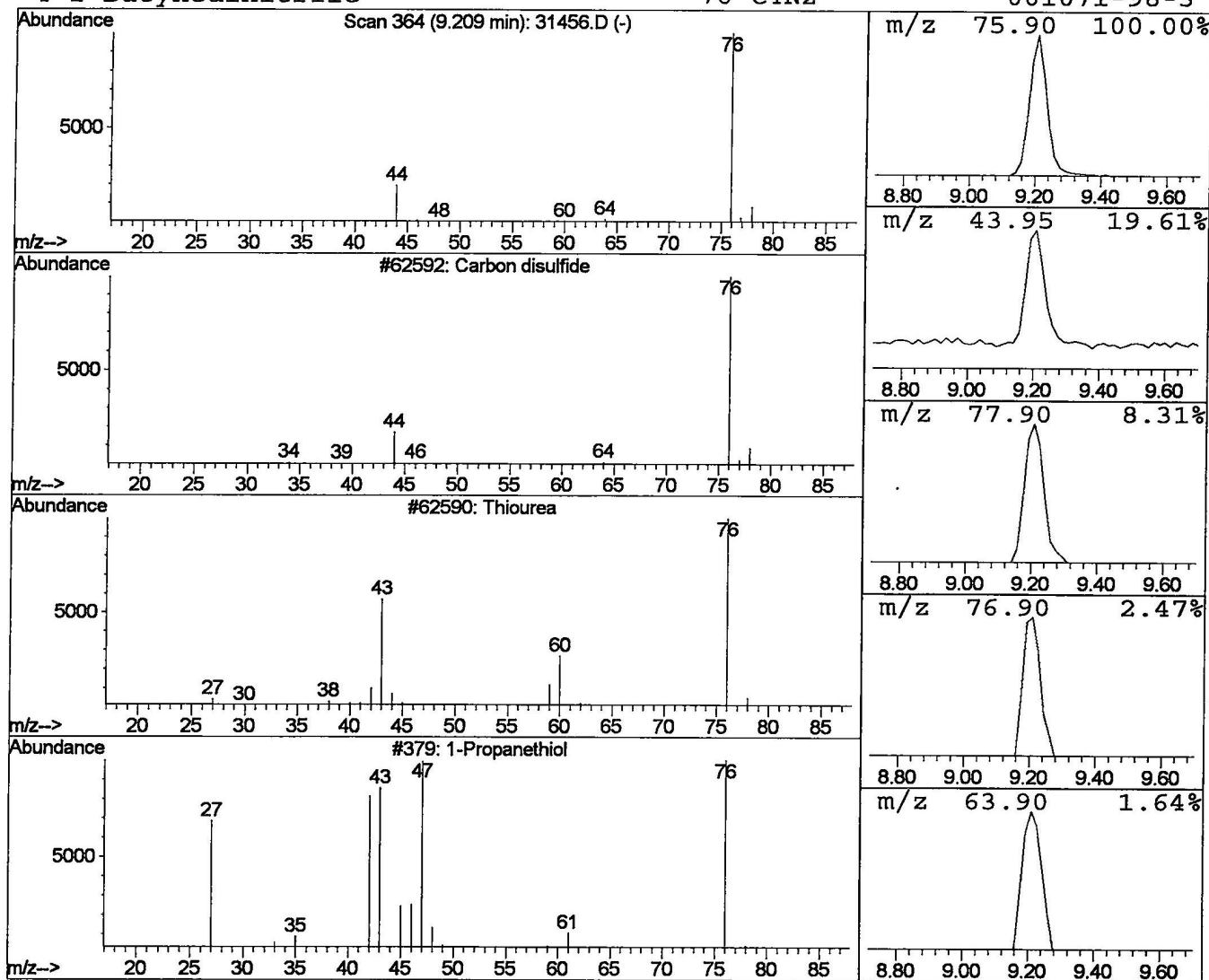
Vial: 13
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 3 Carbon disulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	1.01 ug/L	356113	1,4-DIFLUOROBENZENE	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon disulfide	76	CS2	000075-15-0	83	
2	Thiourea	76	CH4N2S	000062-56-6	4	
3	1-Propanethiol	76	C3H8S	000107-03-9	4	
4	2-Butynedinitrile	76	C4N2	001071-98-3	3	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec27\31456.D
Acq On : 27 Dec 2001 10:03 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

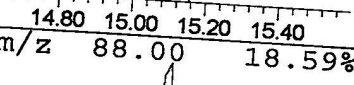
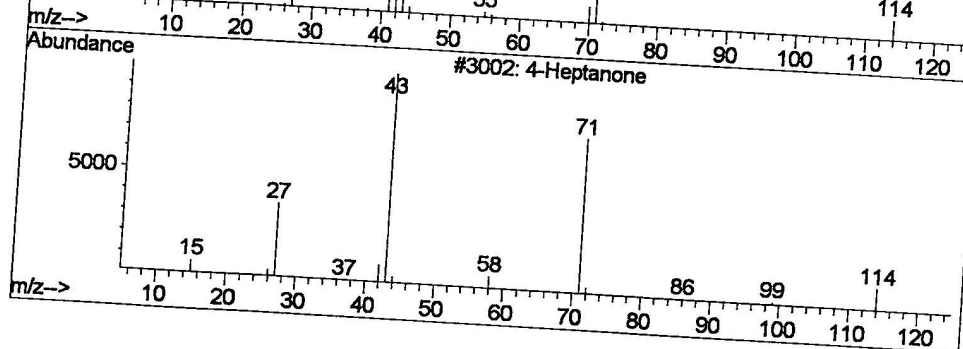
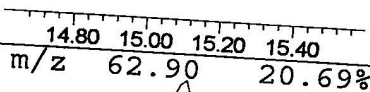
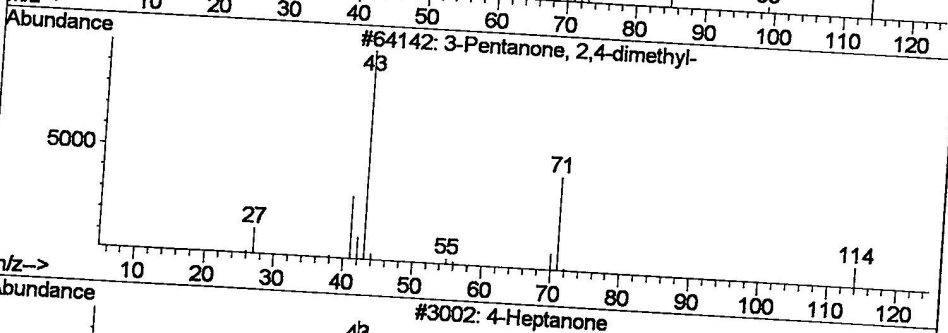
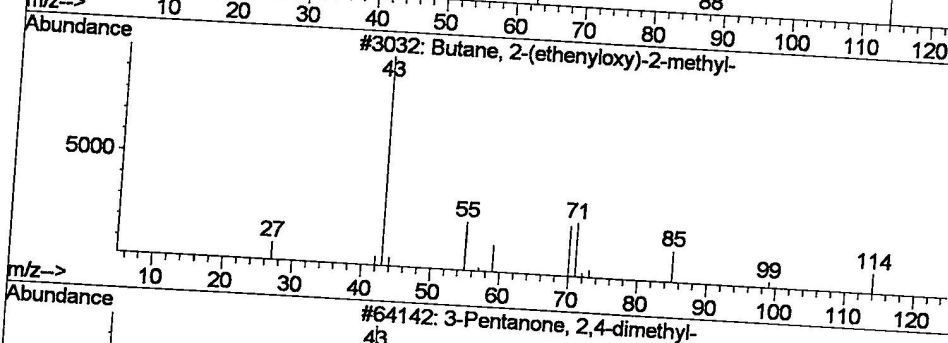
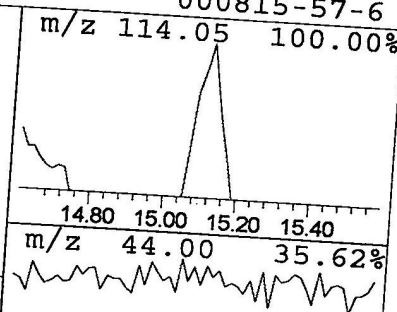
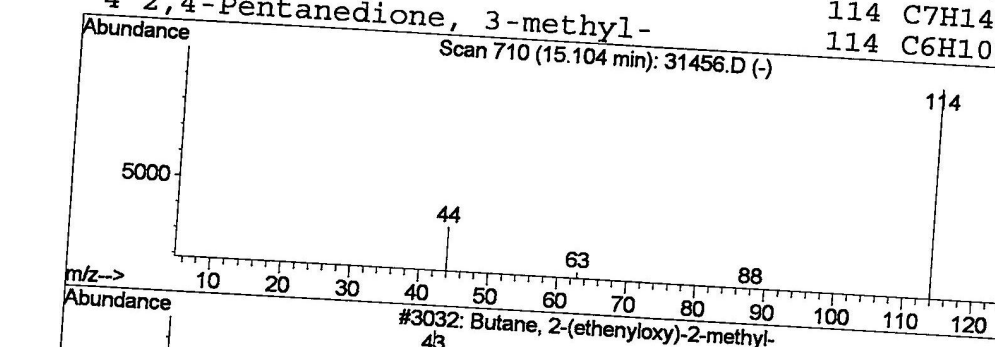
Vial: 13
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	12805	1,4-DIFLUOROBENZENE	14.47

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



31456.D HP121001.M

Thu Dec 27 22:49:14 2001

Page 4

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 15:37:27

Sample: AD31456
 Analysis: SD_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 01/02/02 15:35 Ended: 01/02/02 15:35 Analyst: SV
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.42	.5
2	Surr - 4-BROMOFLUOROBENZE		4.35	.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		4.95	.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-Bromodichloromethan		< 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-Dibromochloromethan		< 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: 01/02/2002 Time: 15:37:27

Sample: AD31456
Analysis: SD_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 01/02/02 15:35 Ended: 01/02/02 15:35 Analyst: SV
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: 01/02/2002 Time: 15:37:49

Sample: AD31456
 Analysis: \$P_524 Duplicate calculation for 524
 Units: ug
 Started: 12/27/01 00:00 Ended: 12/27/01 00:00 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.28
2	Surr - 4-BROMOFLUOROBENZE		0.35
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		0.15
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: 01/02/2002 Time: 15:37:49

Sample: AD31456
Analysis: SP_524 Duplicate calculation for 524
Units: ug
Started: 12/27/01 00:00 Ended: 12/27/01 00:00 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

Comments for Sample AD31456 - Analysis \$D_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-02-2002 Time: 15:37:14

CARBON DISULFIDE IS PRESENT AT APPROXIMATELY 0.68 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02jan02\31456D.D
 Acq On : 2 Jan 2002 1:34 pm
 Sample : 524 dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 2 14:13 2002

Vial: 2
 Operator: 206-WB
 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	781043	5.00	ug/L	0.04
22) CHLOROBENZENE-D5	20.98	117	751952	5.00	ug/L	0.02
50) 1,4-DICHLOROBENZENE-D4	26.14	152	360518	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.60	65	278817	5.42	ug/L	0.02
Spiked Amount	5.000		Recovery	=	108.40%	
3) 4-BROMOFLUOROBENZENE	23.55	174	260896	4.35	ug/L	0.02
Spiked Amount	5.000		Recovery	=	87.00%	
23) TOLUENE-D8	17.71	98	986850	4.95	ug/L	0.04
Spiked Amount	5.000		Recovery	=	99.00%	
Target Compounds						
10) ACETONE	7.65	43	21344	4.07	ug/L	Qvalue 97
16) 2-BUTANONE (MEK)	11.37	43	1925	0.21	ug/L	64
70) HEXACHLOROBUTADIENE	30.86	225	3122	0.15	ug/L	97
72) 1,2,3-TRICHLOROBENZENE	31.87	180	4976	0.20	ug/L	98

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

31456D.D HP121001.M Wed Jan 02 14:13:31 2002

Page 1

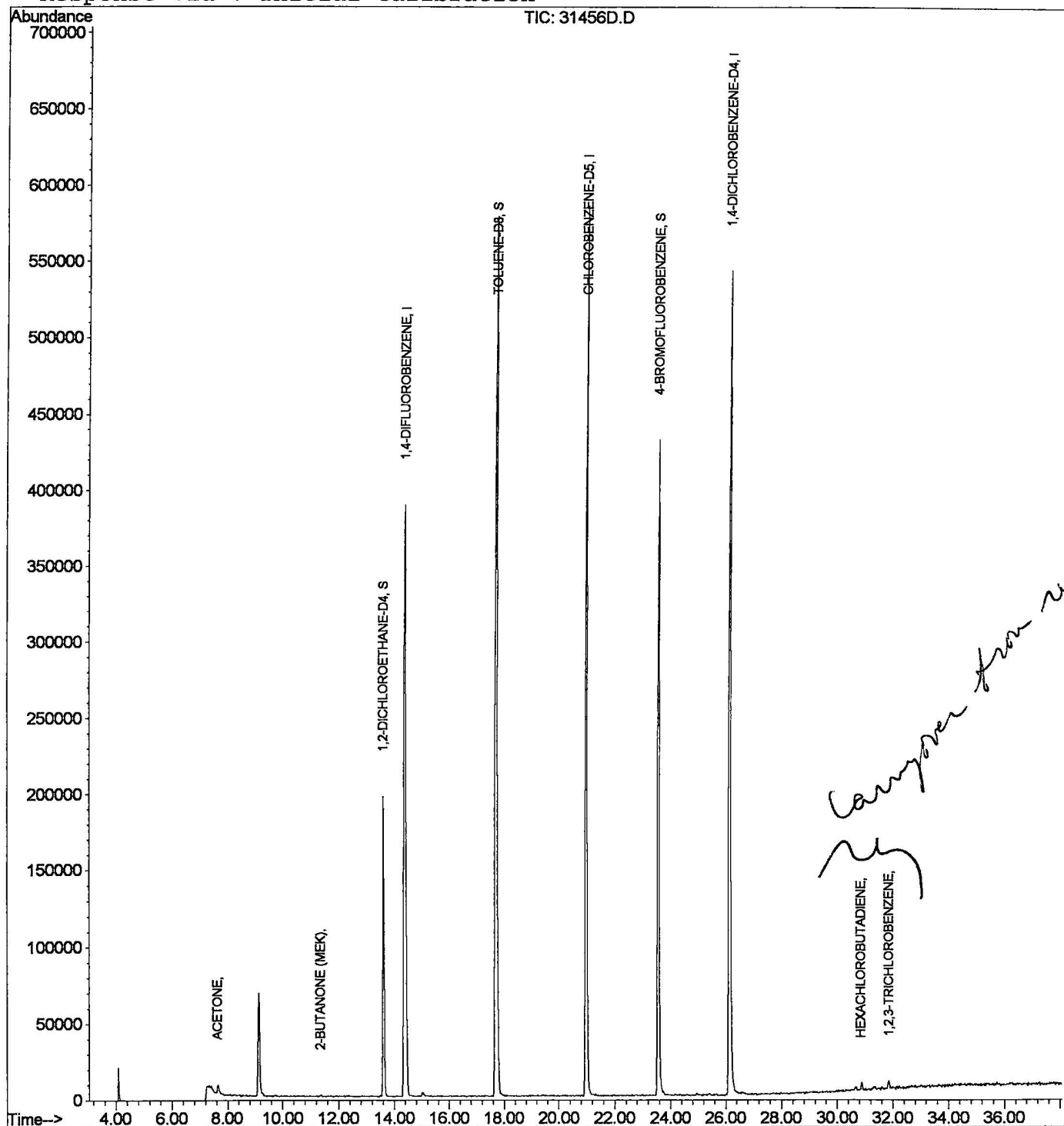
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02jan02\31456D.D
Acq On : 2 Jan 2002 1:34 pm
Sample : 524 dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 2 14:13 2002

Vial: 2
Operator: 206-WB
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\02jan02\31456D.D
Acq On : 2 Jan 2002 1:34 pm
Sample : 524 dup
Misc :
MS Integration Params: LSCINT.P

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

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

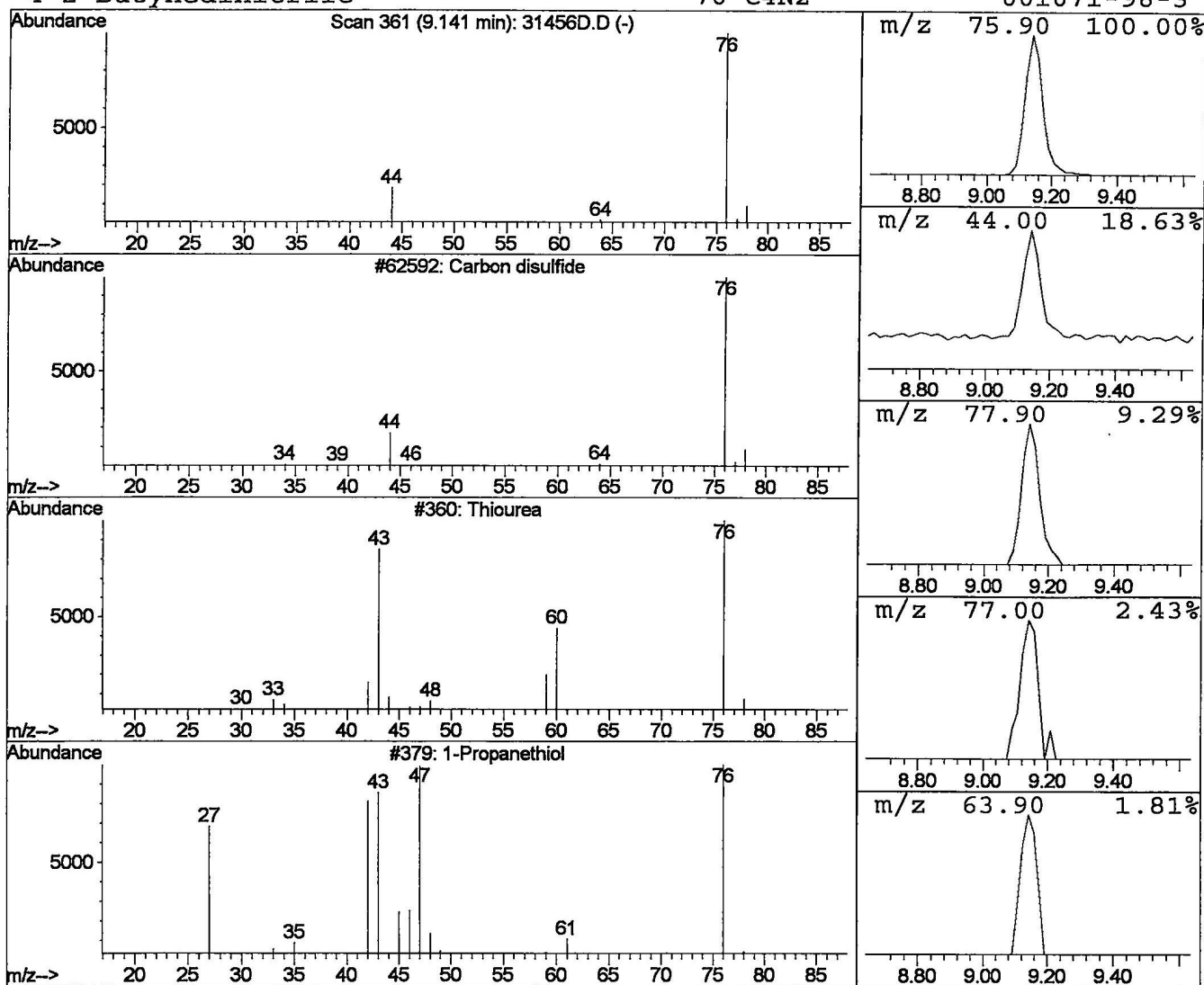
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 4 Carbon disulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	0.68 ug/L	256577	1,4-DIFLUOROBENZENE	14.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbon disulfide	76	CS2	000075-15-0	83
2		Thiourea	76	CH4N2S	000062-56-6	4
3		1-Propanethiol	76	C3H8S	000107-03-9	4
4		2-Butynedinitrile	76	C4N2	001071-98-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02jan02\31456D.D
 Acq On : 2 Jan 2002 1:34 pm
 Sample : 524 dup
 Misc :
 MS Integration Params: LSCINT.P

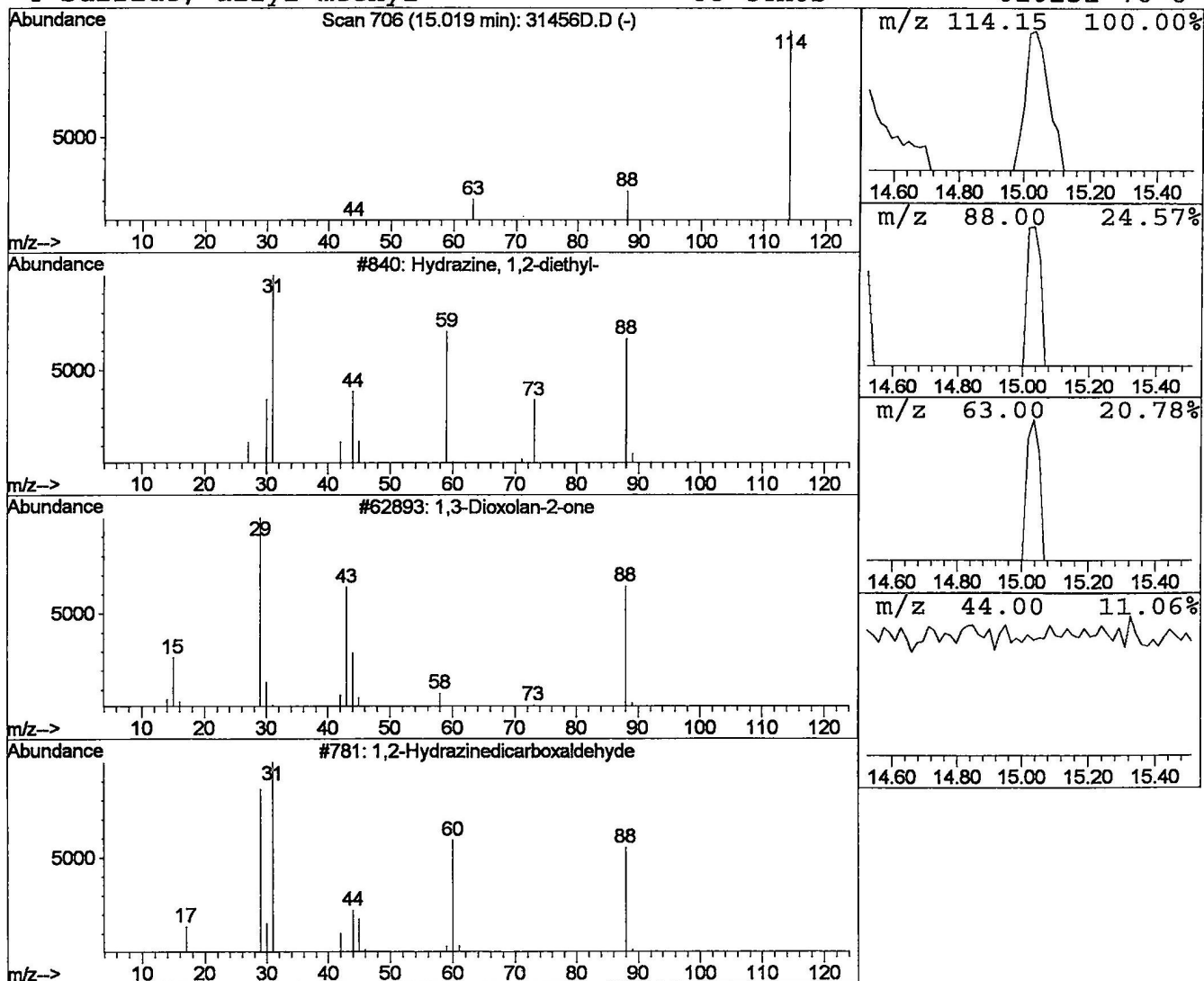
Vial: 2
 Operator: 206-WB
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 5 Hydrazine, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	0.03 ug/L	11955	1,4-DIFLUOROBENZENE	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	4
2		1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3		1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4
4		Sulfide, allyl methyl	88	C4H8S	010152-76-8	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:47:28

Sample: AD31457
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:00 Ended: 12/27/01 00:00 Analyst: BH
 Result source: manual entry
 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		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 AV
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:47:28

Sample: AD31457
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/27/01 00:00 Ended: 12/27/01 00:00 Analyst: BH
Result source: manual entry
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\01dec27\31457.D

Acq On : 27 Dec 2001 10:50 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Dec 27 23:30 2001

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	14.46	114	662021	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	651791	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	310918	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	259449	5.95	ug/L	0.09
Spiked Amount 5.000			Recovery	=	119.00%	
3) 4-BROMOFLUOROBENZENE	23.64	174	209361	4.12	ug/L	0.10
Spiked Amount 5.000			Recovery	=	82.40%	
23) TOLUENE-D8	17.78	98	851548	4.93	ug/L	0.10
Spiked Amount 5.000			Recovery	=	98.60%	
Target Compounds						
10) ACETONE	7.70	43	16506	3.72	ug/L	Qvalue 97

(#) = qualifier out of range (m) = manual integration
31457.D HP121001.M Thu Dec 27 23:31:27 2001

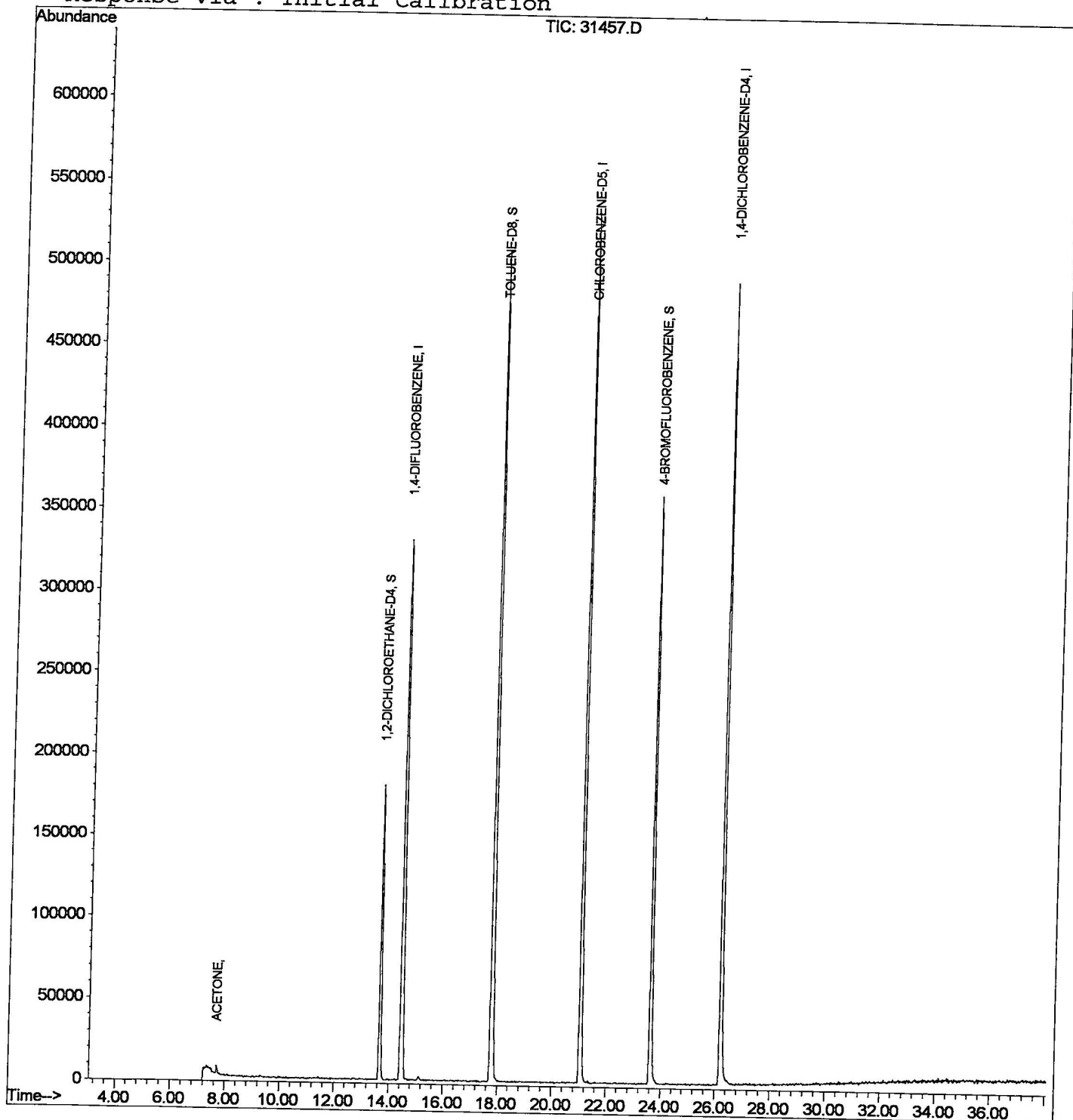
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31457.D
Acq On : 27 Dec 2001 10:50 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 23:30 2001

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



31457.D HP121001.M

Thu Dec 27 23:31:57 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec27\31457.D
 Acq On : 27 Dec 2001 10:50 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

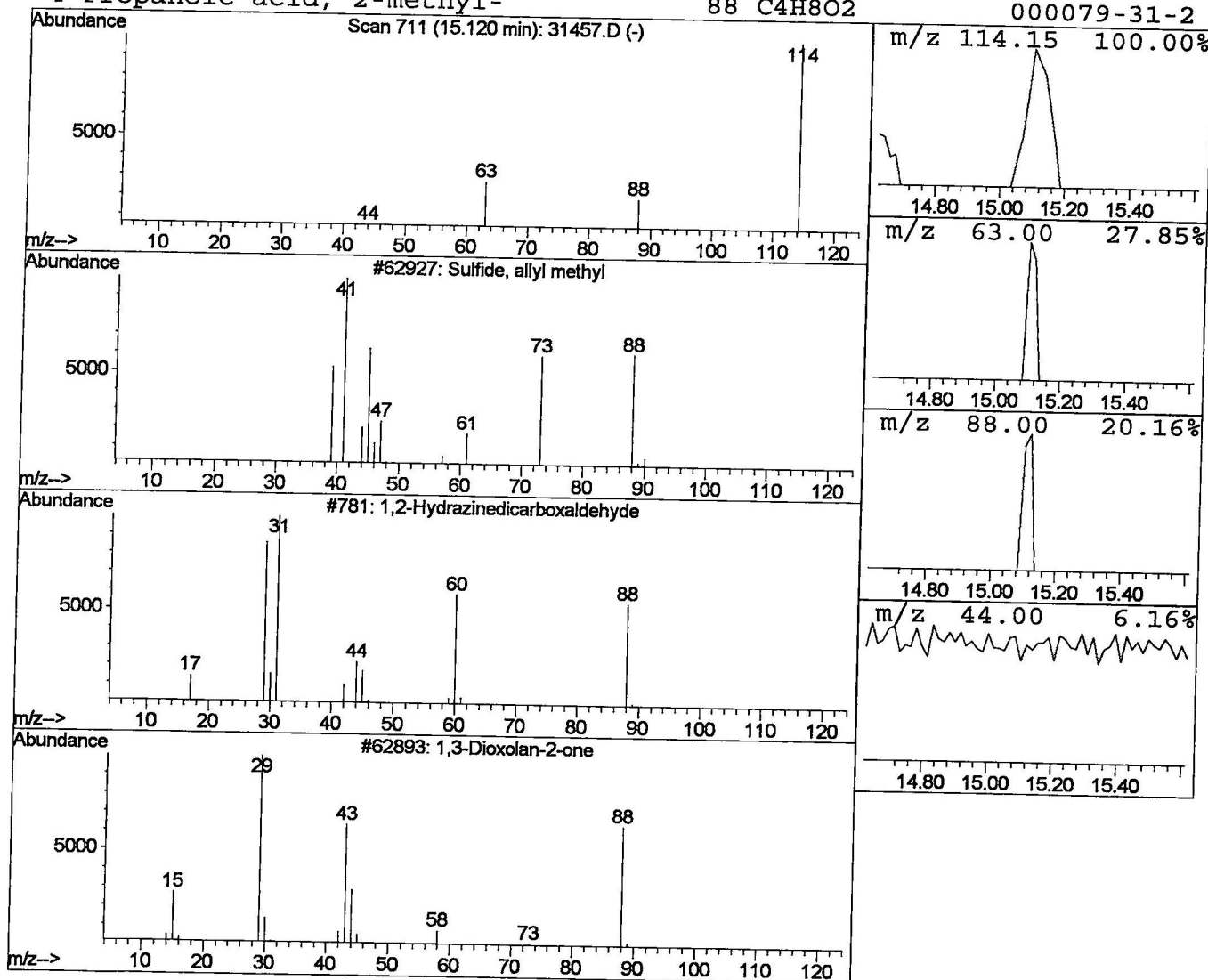
Vial: 14
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 2 Sulfide, allyl methyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.04 ug/L	11900	1,4-DIFLUOROBENZENE	14.46

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	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	3
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:46:26

Sample: AD31458
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:01 Ended: 12/27/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31458.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		5.0		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 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:46:26

Sample: AD31458

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/27/01 00:01 Ended: 12/27/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\31458.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		0.62		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\01dec27\31458.D

Vial: 15

Acq On : 27 Dec 2001 11:36 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 0:16 2001

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	14.47	114	664915	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	644650	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	305676	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	255363	5.83	ug/L	0.10
Spiked Amount 5.000			Recovery	=	116.60%	
3) 4-BROMOFLUOROBENZENE	23.64	174	208040	4.08	ug/L	0.10
Spiked Amount 5.000			Recovery	=	81.60%	
23) TOLUENE-D8	17.78	98	853876	5.00	ug/L	0.10
Spiked Amount 5.000			Recovery	=	100.00%	
Target Compounds						Qvalue
10) ACETONE	7.70	43	15068	3.38	ug/L	95
16) 2-BUTANONE (MEK)	11.44	43	1153	0.15	ug/L	64
63) 1,3-DICHLOROBENZENE	26.28	146	32830	0.53	ug/L	98
64) 1,4-DICHLOROBENZENE 62	26.28	146	38156	0.62	ug/L	98

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

31458.D HP121001.M Fri Dec 28 00:17:48 2001

Page 1

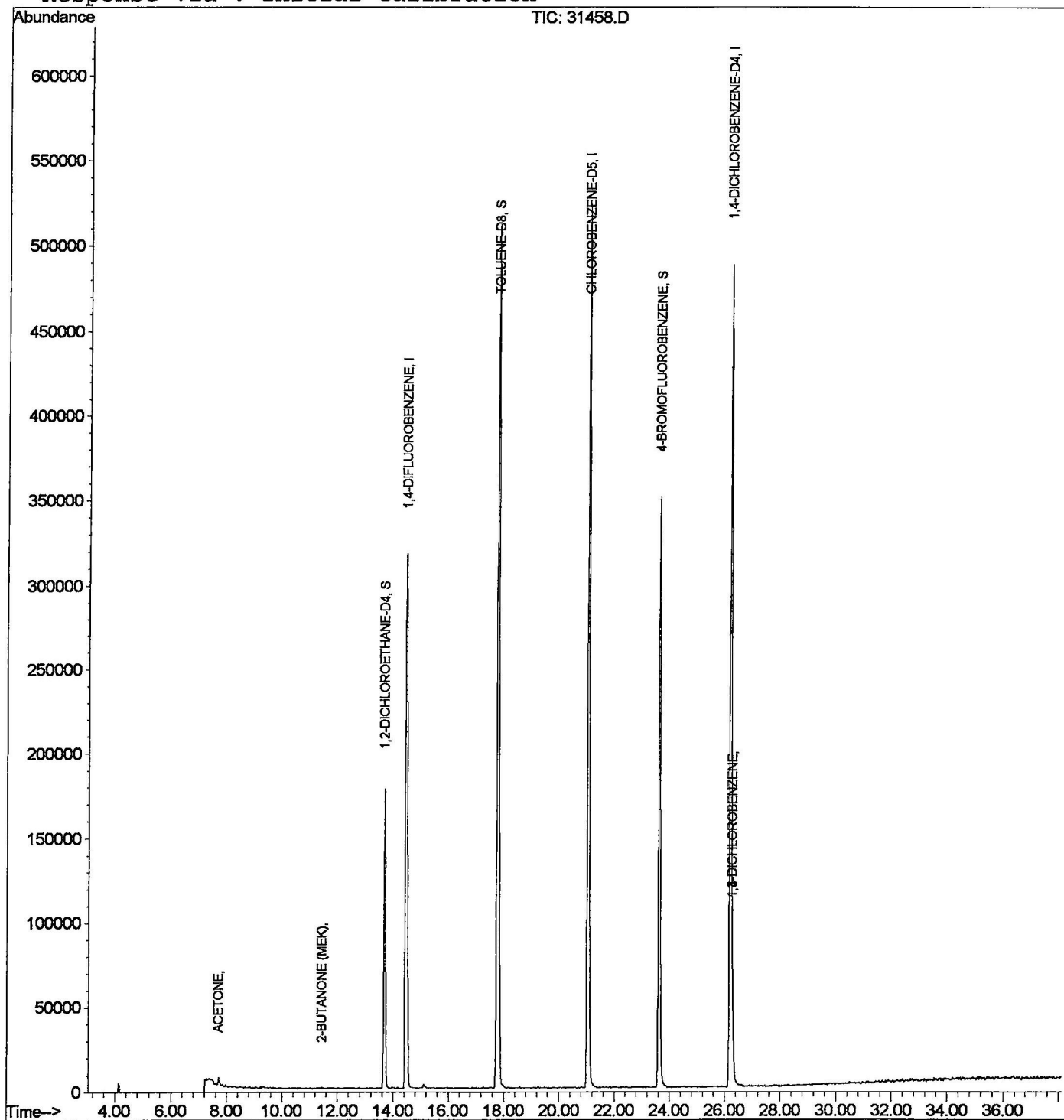
QUANTITATION REPORT

Data File : C:\HPCHEM\1\DATA\01dec27\31458.D
Acq On : 27 Dec 2001 11:36 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 0:16 2001

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\01dec27\31458.D
 Acq On : 27 Dec 2001 11:36 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

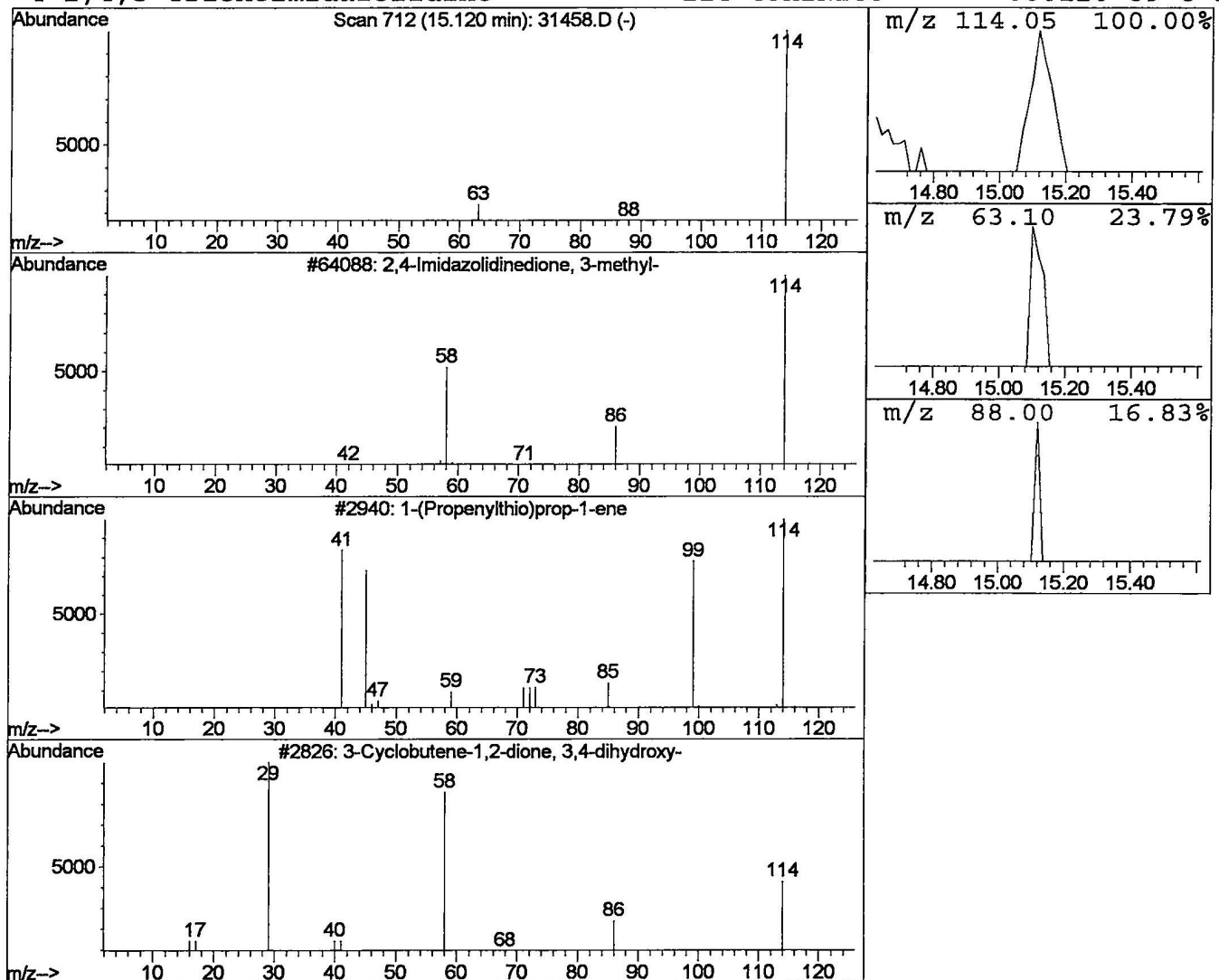
Vial: 15
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.03 ug/L	10654	1,4-DIFLUOROBENZENE	14.47

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:29:11

Sample: AD31458
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 12/28/01 00:02 Ended: 12/28/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31458d.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		.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	*THM-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	*THM-Bromodichloromethane		< MDL		.5
29	Methyl 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	*THM-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	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:29:11

Sample: AD31458
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 12/28/01 00:02 Ended: 12/28/01 00:02 Analyst: BH
Result source: m:\instruments\206\rrfiles\31458d.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		0.50		.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: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:33:40

Sample: AD31458

Analysis: \$P_524 Duplicate calculation for 524

Units: ug

Started: 12/27/01 00:01 Ended: 12/27/01 00:01 Analyst: BH

Result source: calculation

Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		1.0
2	Surr - 4-BROMOFLUOROBENZ		0.20
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< 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-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< 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-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:33:40

Sample: AD31458
Analysis: \$P_524 Duplicate calculation for 524
Units: ug
Started: 12/27/01 00:01 Ended: 12/27/01 00:01 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
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		0.12
60	N-BUTYLBENZENE		< MDL
61	1,2-DICHLOROBENZENE		< MDL
62	1,2-DIBROMO-3-CHLOROPRO		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

Data File : C:\HPCHEM\1\DATA\01dec28\31458D.D
 Acq On : 28 Dec 2001 2:28 pm
 Sample : nyc dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 15:06 2001

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	14.47	114	761915	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	678939	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	317351	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	239503	4.77	ug/L	0.10
Spiked Amount 5.000			Recovery	=	95.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	230041	3.93	ug/L	0.10
Spiked Amount 5.000			Recovery	=	78.60%	
23) TOLUENE-D8	17.78	98	925206	5.14	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.80%	
Target Compounds						
63) 1,3-DICHLOROBENZENE	26.30	146	29749	0.47	ug/L	Qvalue 90
64) 1,4-DICHLOROBENZENE .50	26.30	146	32155	0.50	ug/L	91
70) HEXACHLOROBUTADIENE	30.98	225	2721	0.15	ug/L	85
72) 1,2,3-TRICHLOROBENZENE	31.97	180	4444	0.21	ug/L	86

(#) = qualifier out of range (m) = manual integration
 31458D.D HP121001.M Fri Dec 28 15:06:52 2001

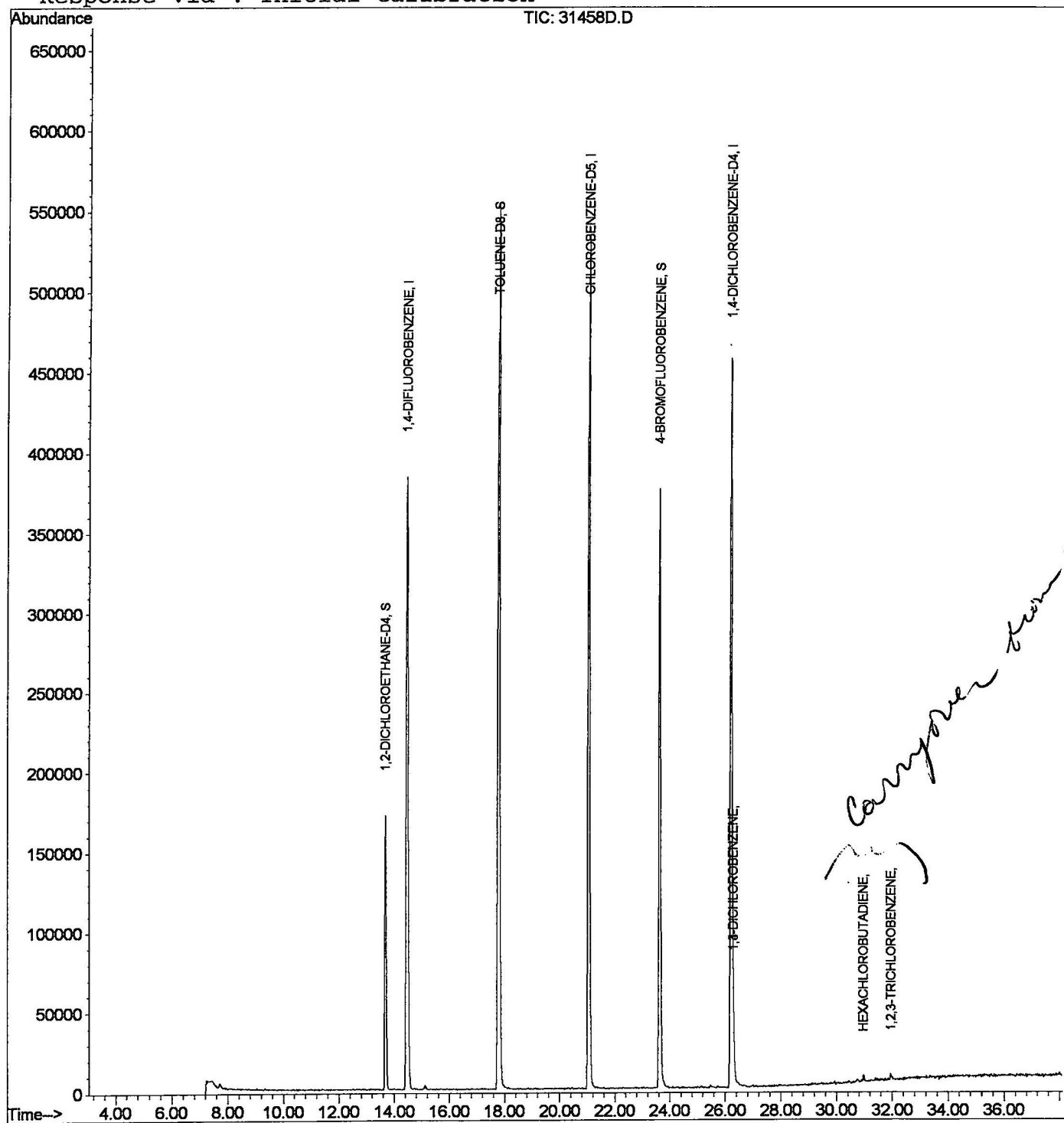
Page 1

Data File : C:\HPCHEM\1\DATA\01dec28\31458D.D
Acq On : 28 Dec 2001 2:28 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 15:06 2001

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



Data File : C:\HPCHEM\1\DATA\01dec28\31458D.D
 Acq On : 28 Dec 2001 2:28 pm
 Sample : nyc dup
 Misc :
 MS Integration Params: LSCINT.P

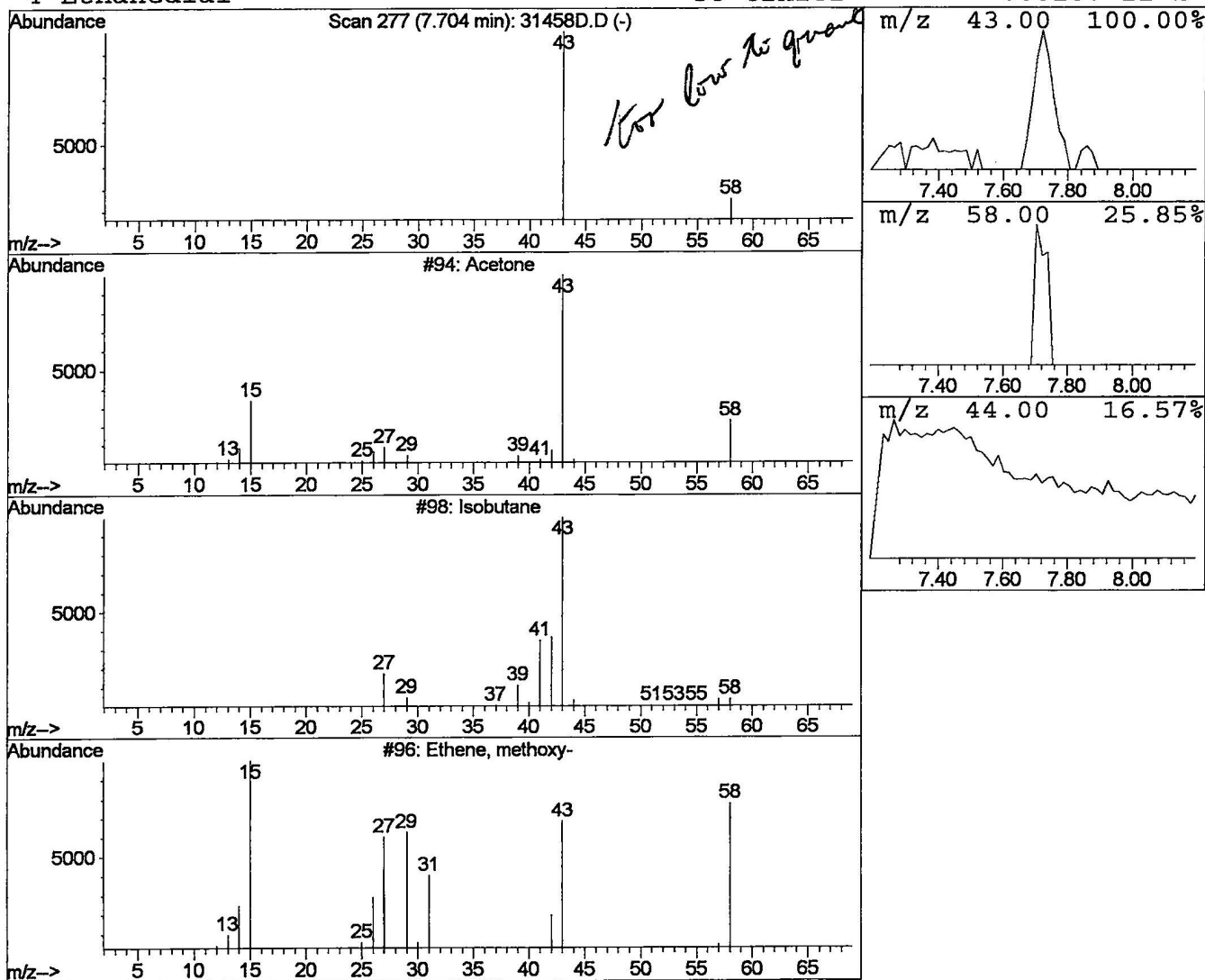
Vial: 6
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 2 Acetone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	0.04 ug/L	15692	1,4-DIFLUOROBENZENE	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetone	58	C3H6O	000067-64-1	3
2			Isobutane	58	C4H10	000075-28-5	2
3			Ethene, methoxy-	58	C3H6O	000107-25-5	2
4			Ethanedial	58	C2H2O2	000107-22-2	2



Data File : C:\HPCHEM\1\DATA\01dec28\31458D.D
 Acq On : 28 Dec 2001 2:28 pm
 Sample : nyc dup
 Misc :
 MS Integration Params: LSCINT.P

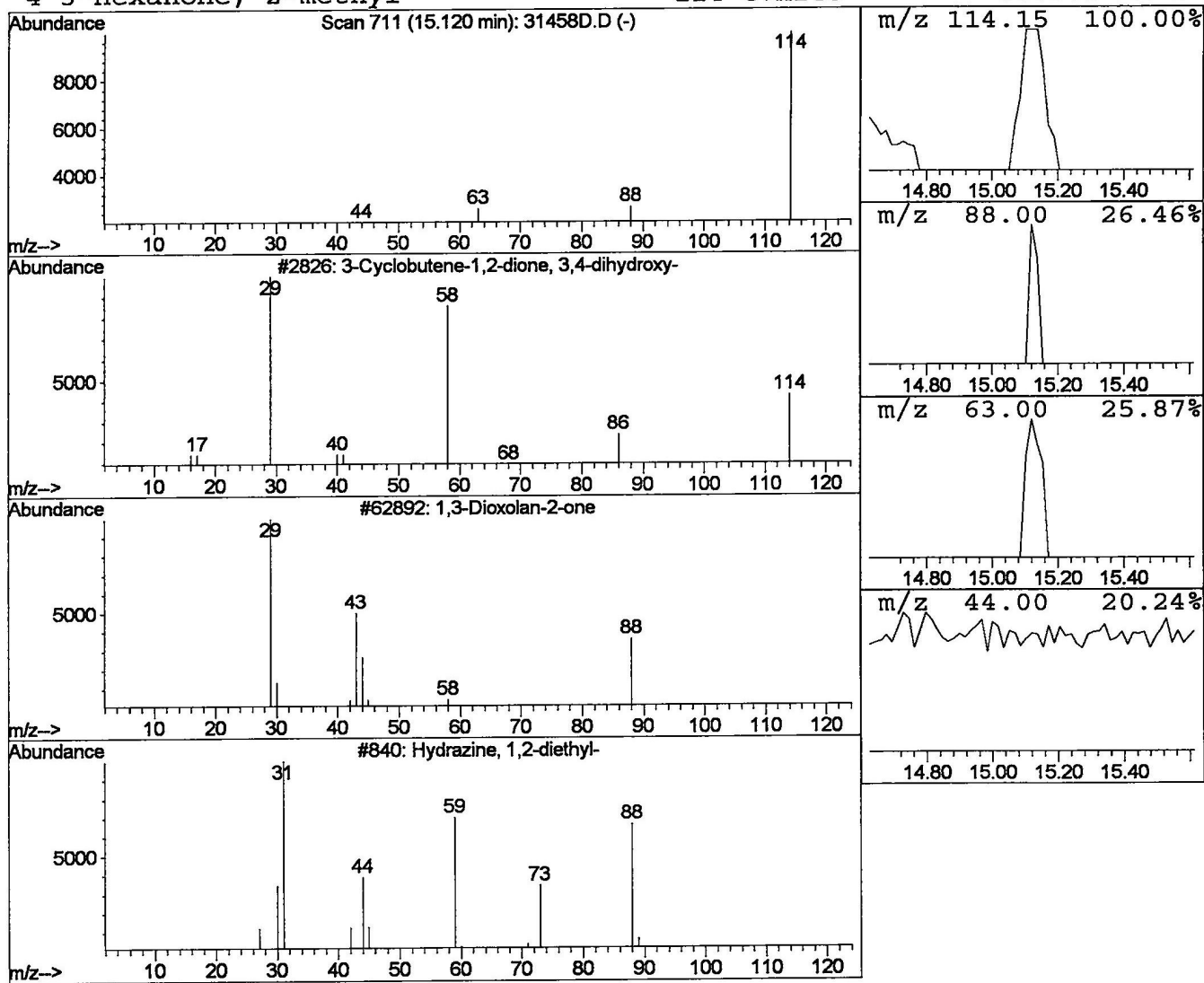
Vial: 6
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.04 ug/L	13193	1,4-DIFLUOROBENZENE	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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: 12/28/2001 Time: 13:48:53

Sample: AD31460
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:02 Ended: 12/28/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31460.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 AV
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:48:53

Sample: AD31460
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:02 Ended: 12/28/01 00:02 Analyst: BH
Result source: m:\instruments\206\rrfiles\31460.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\01dec27\31460.D

Vial: 16

Acq On : 28 Dec 2001 12:21 am

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 1:01 2001

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	14.47	114	652617	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	624357	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	297644	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	252392	5.87	ug/L	0.09
Spiked Amount	5.000		Recovery	=	117.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	202863	4.05	ug/L	0.10
Spiked Amount	5.000		Recovery	=	81.00%	
23) TOLUENE-D8	17.78	98	843403	5.09	ug/L	0.10
Spiked Amount	5.000		Recovery	=	101.80%	
Target Compounds						Qvalue
16) 2-BUTANONE (MEK)	11.49	43	1440	0.19	ug/L	64

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

31460.D HP121001.M Fri Dec 28 01:03:10 2001

Page 1

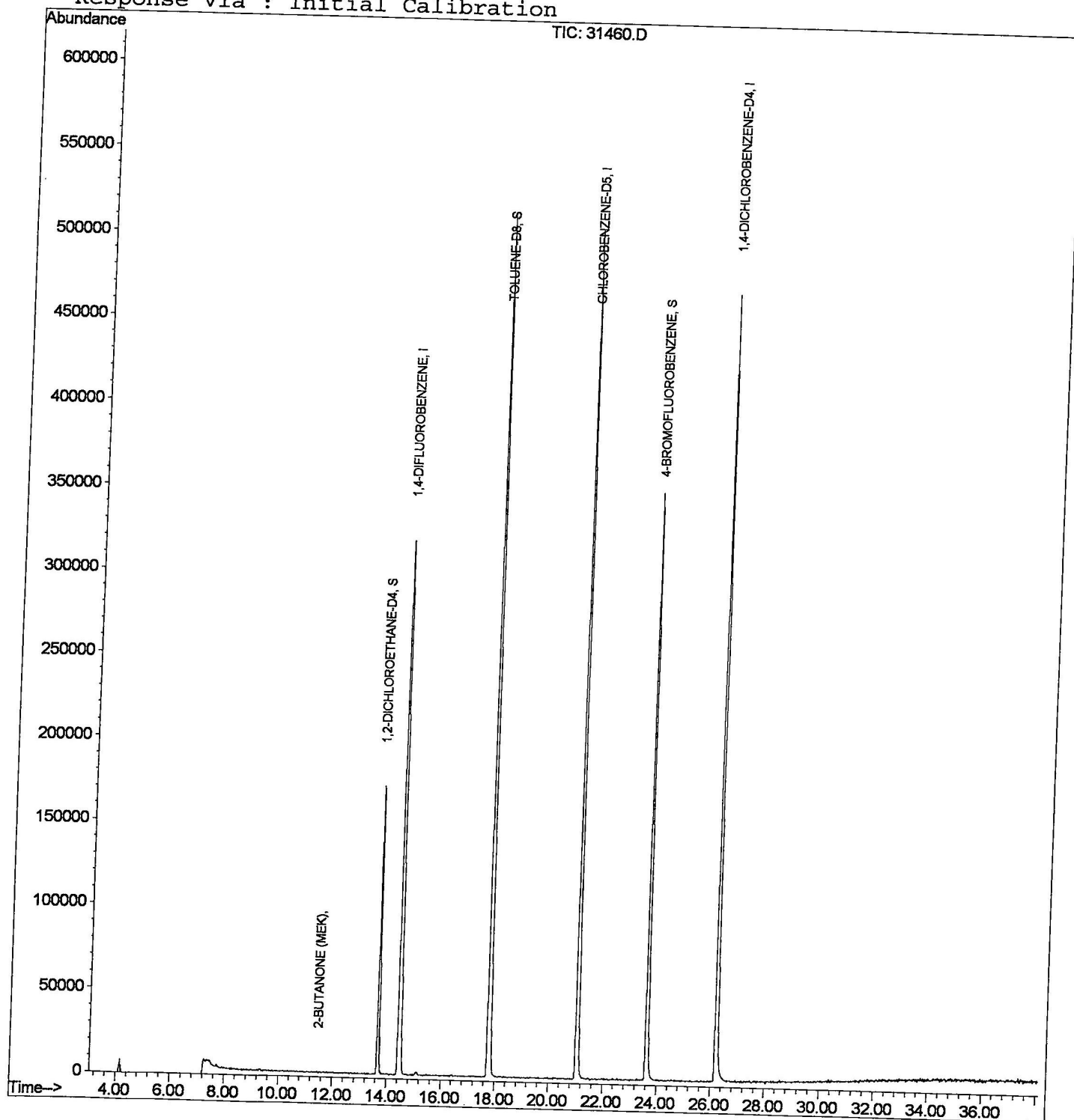
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31460.D
Acq On : 28 Dec 2001 12:21 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 1:01 2001

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



31460.D HP121001.M

Fri Dec 28 01:03:40 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC27\31460.D

Acq On : 28 Dec 2001 12:21 am

Sample : nyc

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)

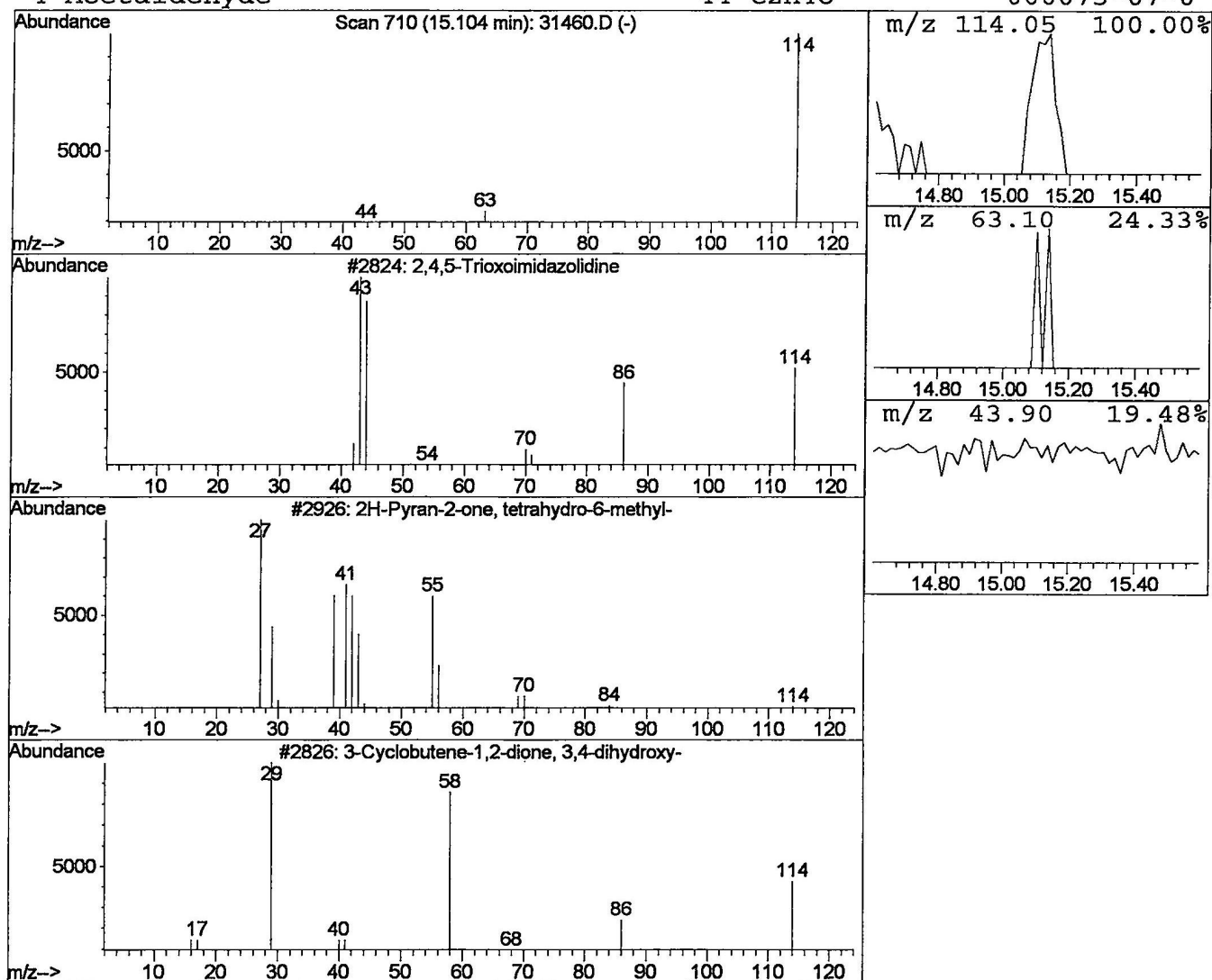
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.02 ug/L	5491	1,4-DIFLUOROBENZENE	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2			2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
3			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4			Acetaldehyde	44	C2H4O	000075-07-0	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:49:46

Sample: AD31461
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:01 Ended: 12/28/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31461.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0		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	<i>AV</i>
DATE	<i>1/2/02</i>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:49:46

Sample: AD31461

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/28/01 00:01 Ended: 12/28/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\31461.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\01dec27\31461.D Vial: 17
 Acq On : 28 Dec 2001 1:07 am Operator: 206-BH
 Sample : nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 1:47 2001 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	14.47	114	656143	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	648176	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	299631	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	260057	6.02	ug/L	0.09
Spiked Amount 5.000			Recovery	=	120.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	210546	4.18	ug/L	0.10
Spiked Amount 5.000			Recovery	=	83.60%	
23) TOLUENE-D8	17.78	98	869860	5.06	ug/L	0.10
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						Qvalue
16) 2-BUTANONE (MEK)	11.46	43	2311	0.30	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 31461.D HP121001.M Fri Dec 28 01:48:28 2001

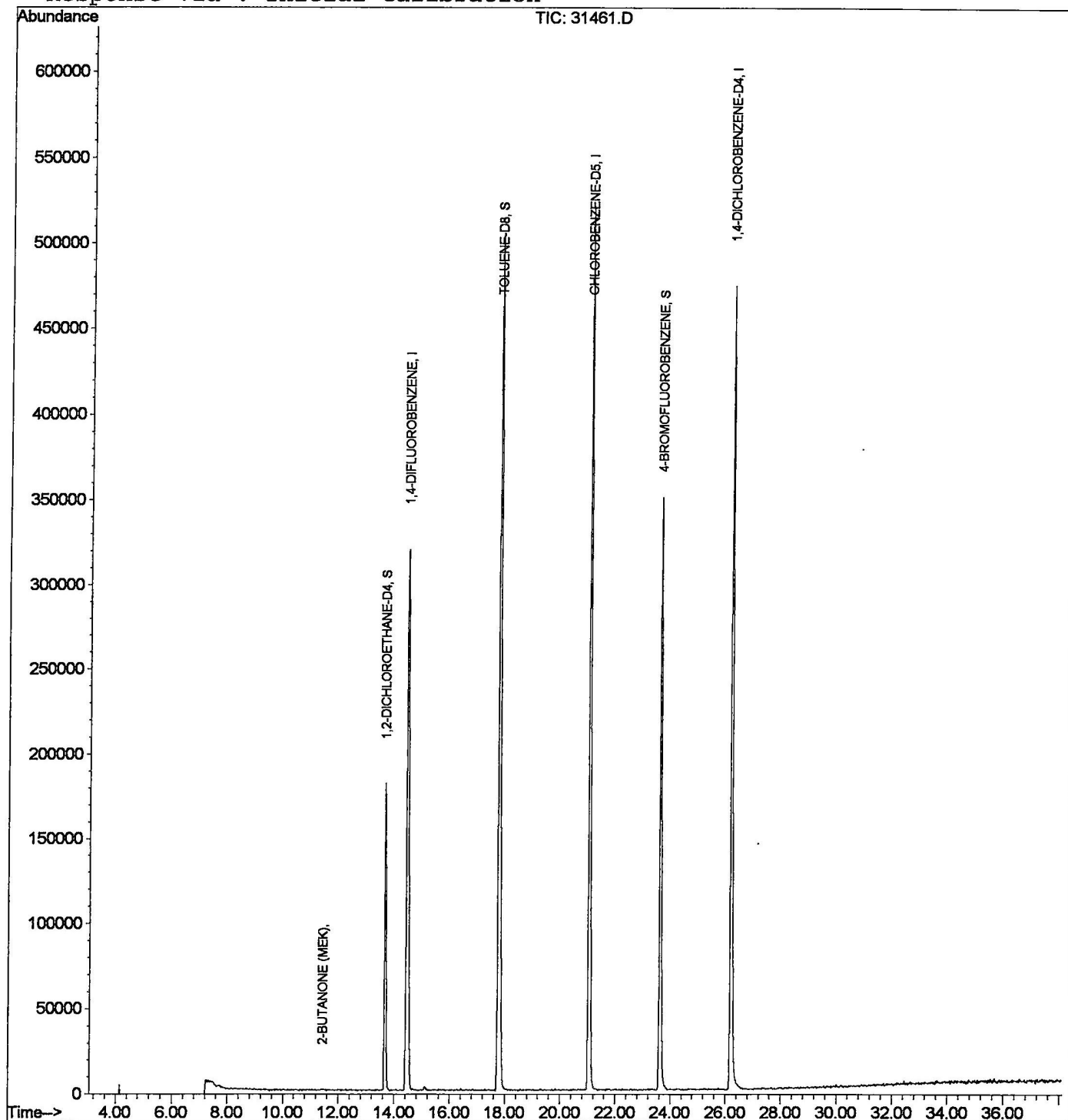
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31461.D
Acq On : 28 Dec 2001 1:07 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 1:47 2001

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

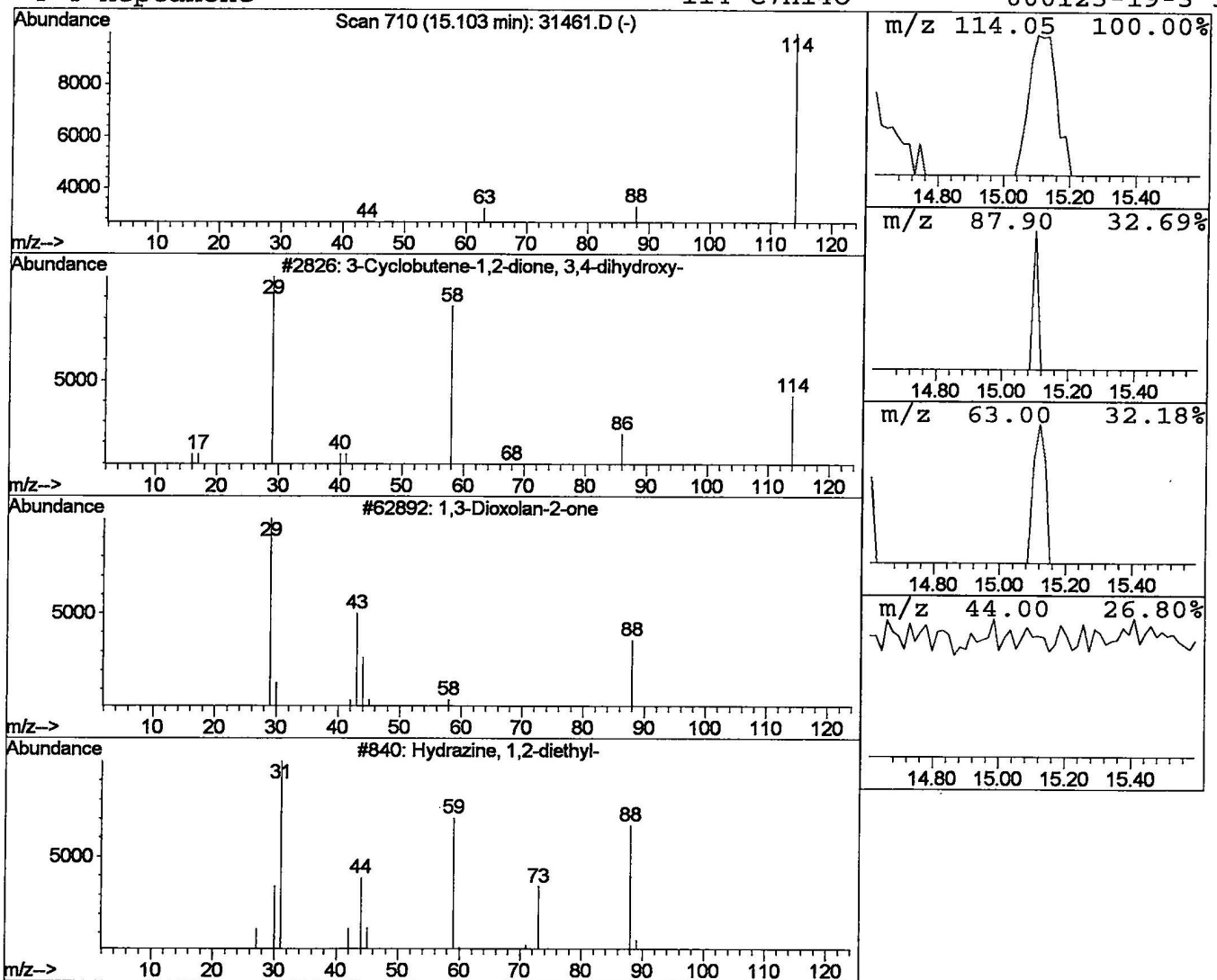
Data File : C:\HPCHEM\1\DATA\01dec27\31461.D
 Acq On : 28 Dec 2001 1:07 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.10	0.02 ug/L	7724	1,4-DIFLUOROBENZENE	14.47		
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		4-Heptanone	114	C7H14O	000123-19-3	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:50:42

Sample: AD31462

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/28/01 00:01 Ended: 12/28/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\31462.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 AV
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:50:42

Sample: AD31462
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:01 Ended: 12/28/01 00:01 Analyst: BH
Result source: m:\instruments\206\rrfiles\31462.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\01dec27\31462.D Vial: 18
 Acq On : 28 Dec 2001 1:52 am Operator: 206-BH
 Sample : nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 2:32 2001 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	14.47	114	663925	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	627961	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	299404	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	253088	5.79	ug/L	0.09
Spiked Amount 5.000			Recovery	=	115.80%	
3) 4-BROMOFLUOROBENZENE	23.64	174	206686	4.06	ug/L	0.10
Spiked Amount 5.000			Recovery	=	81.20%	
23) TOLUENE-D8	17.78	98	856869	5.15	ug/L	0.10
Spiked Amount 5.000			Recovery	=	103.00%	
Target Compounds						Qvalue
16) 2-BUTANONE (MEK)	11.41	43	1101	0.14	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 31462.D HP121001.M Fri Dec 28 02:33:48 2001

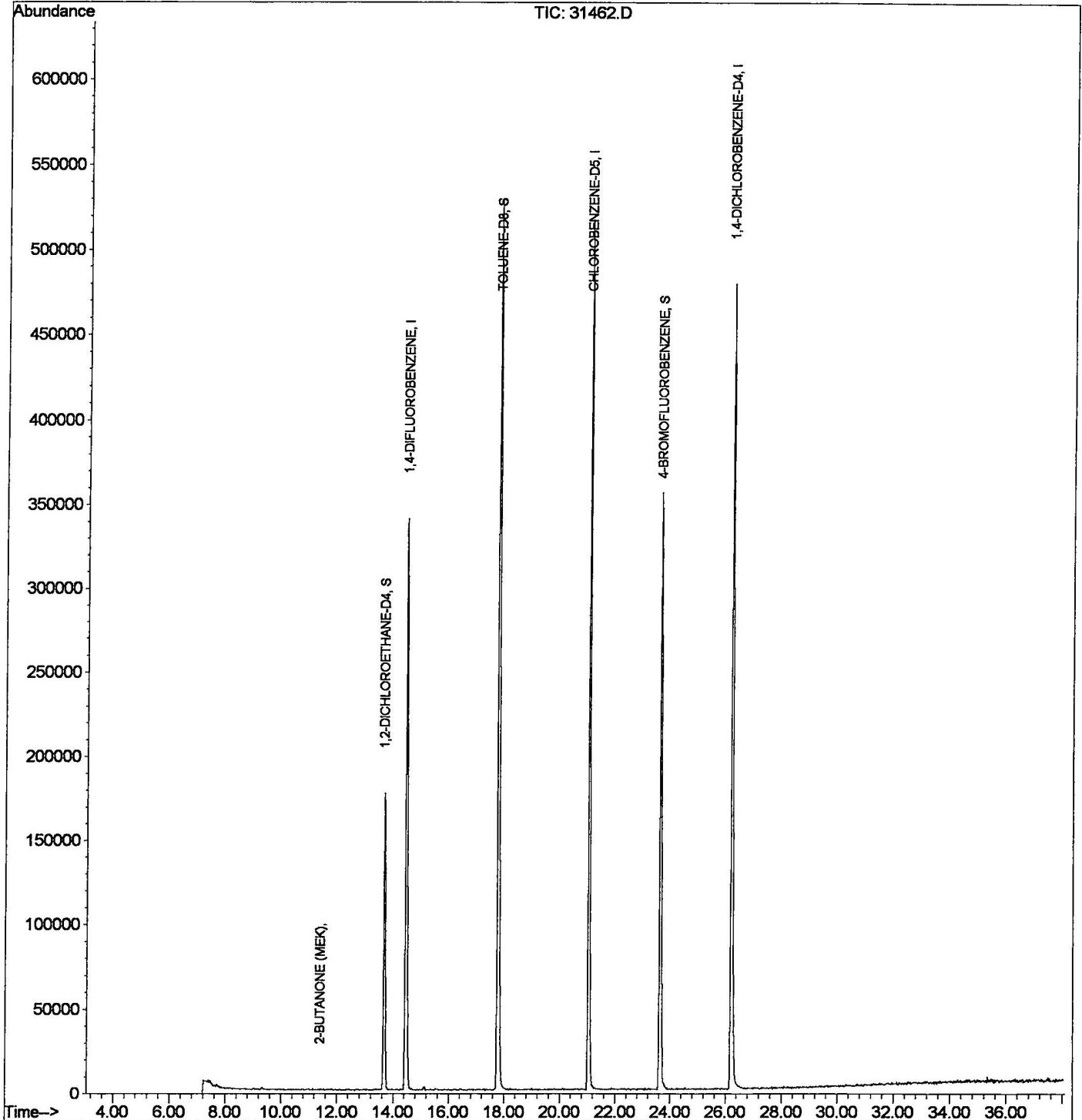
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31462.D
 Acq On : 28 Dec 2001 1:52 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 2:32 2001

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

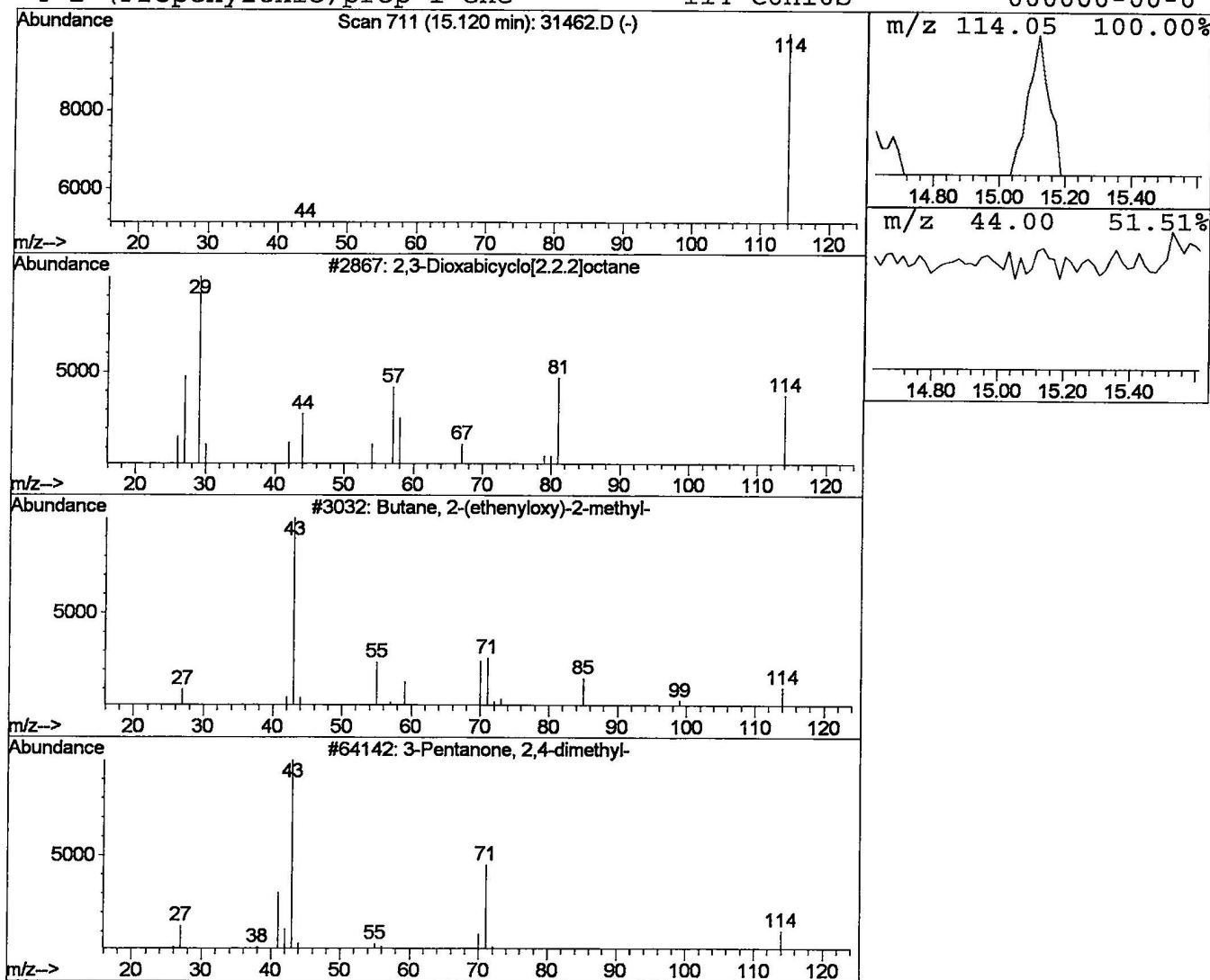
Data File : C:\HPCHEM\1\DATA\01dec27\31462.D
 Acq On : 28 Dec 2001 1:52 am
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

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.		
15.12	0.03 ug/L	10802	1,4-DIFLUOROBENZENE	14.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
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		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:37:40

Sample: AD31458

Analysis: \$C3524 Volatile Organic Compounds-Cal 1

Units: ug

Started: 12/28/01 00:02 Ended: 12/28/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\1227c10b.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		6.0		.5
3	Dichlorodifluoromethane		9.3		.5
4	Chloromethane	USPEC	15		.5
5	Vinyl chloride	USPEC	19		.5
6	Bromomethane	USPEC	14		.5
7	Chloroethane	USPEC	15		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		8.6		1.0
12	trans-1,2-dichloroethene		10		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		8.7		2.0
15	2,2-dichloropropane		8.4		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		12		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		12		.5
24	Benzene		10		.5
25	Trichloroethene		9.9		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		9.6		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		7.6		1.0
30	cis-1,3-dichloropropene		9.5		.5
31	Toluene		9.9		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		9.5		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.9		.5
38	1,1,1,2-tetrachloroethane		11		.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		8.3		2.0
45	Isopropylbenzene		7.6		.5
46	1,2,3-trichloropropane		7.7		.5
47	N-propylbenzene		7.9		.5
48	Bromobenzene		8.4		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:37:40

Sample: AD31458
Analysis: \$C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/28/01 00:02 Ended: 12/28/01 00:02 Analyst: BH
Result source: m:\instruments\206\rrfiles\1227c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		7.8		.5
50	2-chlorotoluene		7.9		.5
51	4-chlorotoluene		9.2		.5
52	TERT-butylbenzene		8.7		.5
53	1,2,4-trimethylbenzene		8.3		.5
54	SEC-butylbenzene		8.6		.5
55	P-isopropyltoluene		8.7		.5
56	1,3-dichlorobenzene		9.5		.5
57	1,4-dichlorobenzene		9.3		.5
58	N-butylbenzene		9.4		.5
59	1,2-dichlorobenzene		9.9		.5
60	1,2,4-trichlorobenzene		9.8		.5
61	Hexachlobutadiene		9.9		.5
62	Naphthalene		9.4		.5
63	1,2,3-trichlorobenzene		9.8		.5

Data File : C:\HPCHEM\1\DATA\01dec27\1227C10B.D
 Acq On : 28 Dec 2001 2:38 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 3:18 2001

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	14.47	114	688662	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	687103	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	550811	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	265369	5.85	ug/L	0.09
Spiked Amount	5.000		Recovery	=	117.00%	
3) 4-BROMOFLUOROBENZENE	23.64	174	319731	6.05	ug/L	0.10
Spiked Amount	5.000		Recovery	=	121.00%	
23) TOLUENE-D8	17.78	98	897415	4.93	ug/L	0.10
Spiked Amount	5.000		Recovery	=	98.60%	

Target Compounds

					Qvalue
4) DICHLORODIFLUOROMETHANE	4.50	85	207952	9.25 ug/L	100
5) CHLOROMETHANE	5.02	50	210633	15.07 ug/L	98
6) VINYL CHLORIDE	5.19	62	266113	19.15 ug/L	94
7) BROMOMETHANE	6.10	94	170356	14.02 ug/L	99
8) CHLOROETHANE	6.23	64	140580	14.75 ug/L	100
9) TRICHLOROFLUOROMETHANE	6.77	101	349814	11.60 ug/L	99
10) ACETONE	7.71	43	47071	10.19 ug/L	90
11) 1,1-DICHLOROETHENE	8.04	61	430245	10.99 ug/L	94
12) METHYLENE CHLORIDE	9.02	49	456656	12.04 ug/L	94
13) METHYL TERT BUTYL ETHER	9.31	73	429420	8.58 ug/L	100
14) TRANS-1,2-DICHLOROETHENE	9.67	61	441760	10.41 ug/L	93
15) 1,1-DICHLOROETHANE	10.55	63	583239	11.02 ug/L	97
16) 2-BUTANONE (MEK)	11.37	43	71157	8.72 ug/L	98
17) 2,2-DICHLOROPROPANE	11.75	77	365715	8.38 ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.85	96	301918	10.18 ug/L	89
19) CHLOROFORM	12.17	83	601136	11.90 ug/L	99
20) BROMOCHLOROMETHANE	12.55	49	273363	11.40 ug/L	91
21) 1,2-DICHLOROETHANE	13.88	62	359619	10.58 ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.06	97	472153	11.19 ug/L	98
25) 1,1-DICHLOROPROPENE	13.40	75	430087	10.33 ug/L	98
26) CARBON TETRACHLORIDE	13.64	117	420966	11.73 ug/L	99
27) BENZENE	14.00	78	1229700	10.16 ug/L	99
28) TRICHLOROETHENE	15.24	95	322592	9.95 ug/L	97
29) 1,2-DICHLOROPROPANE	15.60	63	337685	10.01 ug/L	98
30) DIBROMOMETHANE	16.25	174	114961	9.58 ug/L	98
31) BROMODICHLOROMETHANE	16.09	83	446327	11.49 ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.60	63	95325	7.61 ug/L	91
33) Methyl iso-butyl ketone	16.67	58	49198	7.64 ug/L	92

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

1227C10B.D HP121001.M

Fri Dec 28 03:19:04 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec27\1227C10B.D
 Acq On : 28 Dec 2001 2:38 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 3:18 2001

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

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.20	75	460737	9.47	ug/L	99
35) TOLUENE	17.95	91	1347016	9.86	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	381360	10.09	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.61	97	188587	10.08	ug/L	96
38) TETRACHLOROETHENE	19.38	166	307537	9.55	ug/L	98
39) 1,3-DICHLOROPROPANE	19.12	76	373463	10.33	ug/L	99
40) DIBROMOCHLOROMETHANE	19.81	129	238308	10.48	ug/L	99
41) 1,2-DIBROMOETHANE	20.25	107	166418	9.34	ug/L	99
42) CHLOROBENZENE	21.13	112	895403	9.85	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.19	131	318786	10.76	ug/L	96
44) 2-HEXANONE	18.51	43	94439	8.78	ug/L	98
45) ETHYLBENZENE	21.19	91	1740547	10.34	ug/L	98
46) P & M-XYLENE	21.36	106	1287284	20.36	ug/L	98
47) O-XYLENE	22.31	91	1513053	11.28	ug/L	99
48) STYRENE	22.38	104	1115001	10.69	ug/L	98
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	251991	12.59	ug/L	99
51) BROMOFORM	23.20	173	138247	8.30	ug/L	99
52) ISOPROPYLBENZENE	23.04	105	1822608	7.58	ug/L	97
53) 1,2,3-TRICHLOROPROPANE	23.71	110	67541	7.70	ug/L	97
54) N-PROPYLBENZENE	23.89	91	2478659	7.95	ug/L	100
55) BROMOBENZENE	24.13	156	428478	8.36	ug/L	87
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	1617996	7.79	ug/L	99
57) 2-CHLOROTOLUENE	24.37	91	1558381	7.88	ug/L	96
58) 4-CHLOROTOLUENE	24.46	91	1627376	9.19	ug/L	98
59) TERT-BUTYLBENZENE	25.00	134	384456	8.66	ug/L	93
60) 1,2,4-TRIMETHYLBENZENE	25.10	105	1793404	8.32	ug/L	98
61) SEC-BUTYLBENZENE	25.46	105	2483477	8.58	ug/L	97
62) P-ISOPROPYLTOLUENE	25.72	119	2018841	8.69	ug/L	98
63) 1,3-DICHLOROBENZENE	26.08	146	1050758	9.49	ug/L	97
64) 1,4-DICHLOROBENZENE	26.28	146	1035491	9.35	ug/L	97
65) N-BUTYLBENZENE	26.60	91	2079891	9.36	ug/L	99
66) 1,2-DICHLOROBENZENE	27.11	146	907133	9.92	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	44749	9.57	ug/L	92
68) NITROBENZENE	28.97	77	349107	181.24	ug/L	95
69) 1,2,4-TRICHLOROBENZENE	30.71	180	498165	9.83	ug/L	99
70) HEXACHLOROBUTADIENE	30.97	225	303848	9.87	ug/L	100
71) NAPHTHALENE	31.37	128	522532	9.35	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.94	180	362714	9.75	ug/L	98

(#) = qualifier out of range (m) = manual integration
 1227C10B.D HP121001.M Fri Dec 28 03:19:42 2001

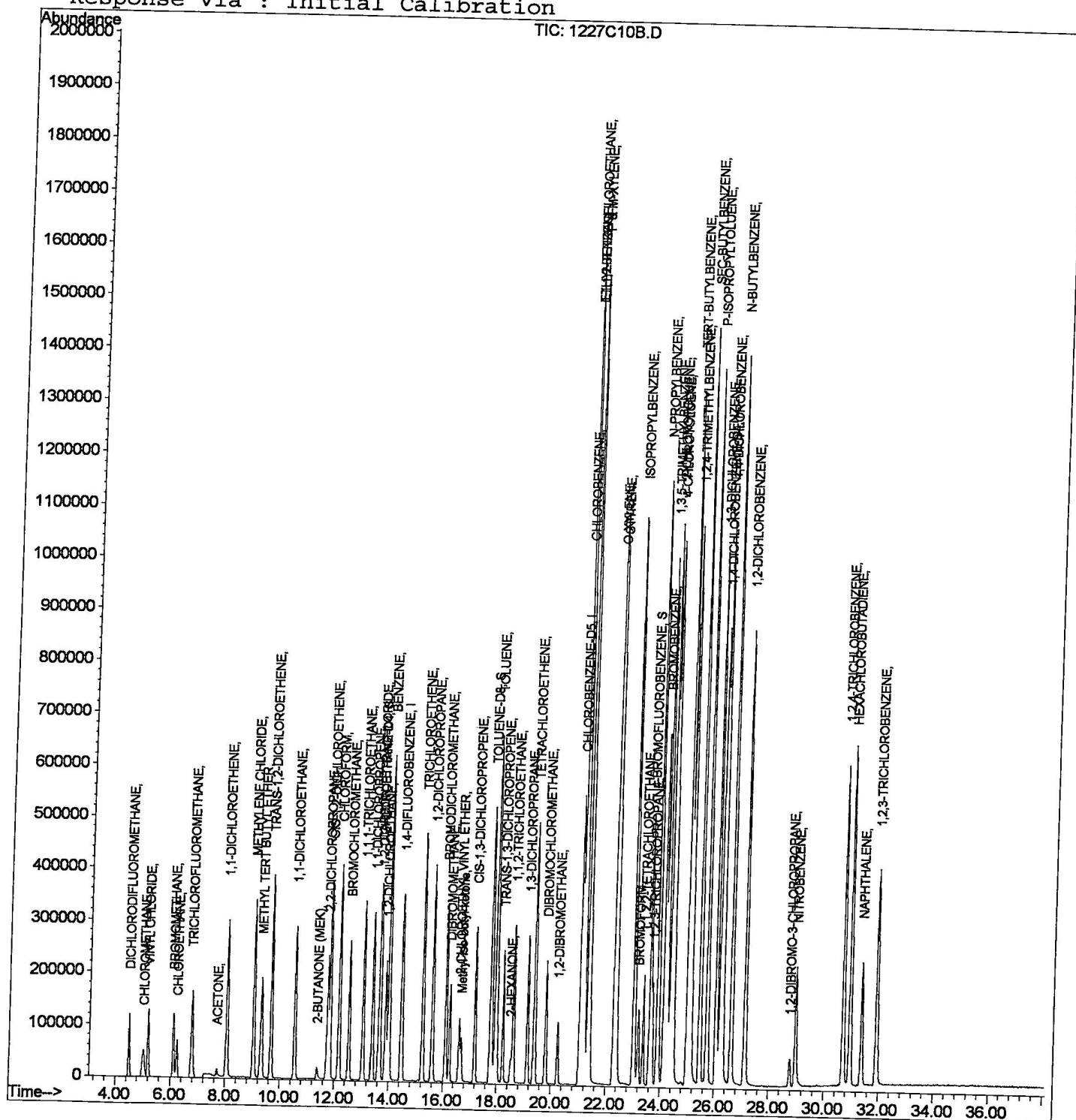
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\1227C10B.D
Acq On : 28 Dec 2001 2:38 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 3:18 2001

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



Fri Dec 28 03:21:27 2001

Page 3

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:33:42

Sample: AD31376
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/28/01 00:04 Ended: 12/28/01 00:04 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31376f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.1		.5
2	Surr_4-BROMOFLUOROBENZE		4.3		.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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:33:42

Sample: AD31376

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 12/28/01 00:04 Ended: 12/28/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\31376f.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

Data File : C:\HPCHEM\1\DATA\01dec27\31376F.D
 Acq On : 28 Dec 2001 4:14 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 4:54 2001

Vial: 10
 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	14.47	114	660506	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	652153	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	309934	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	264486	6.08	ug/L	0.10
Spiked Amount 5.000			Recovery	=	121.60%	
3) 4-BROMOFLUOROBENZENE	23.64	174	215726	4.26	ug/L	0.10
Spiked Amount 5.000			Recovery	=	85.20%	
23) TOLUENE-D8	17.78	98	888251	5.14	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.80%	
Target Compounds						
10) ACETONE	7.72	43	41656	9.40	ug/L	Qvalue 99

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

31376F.D HP121001.M Fri Dec 28 04:56:10 2001

Page 1

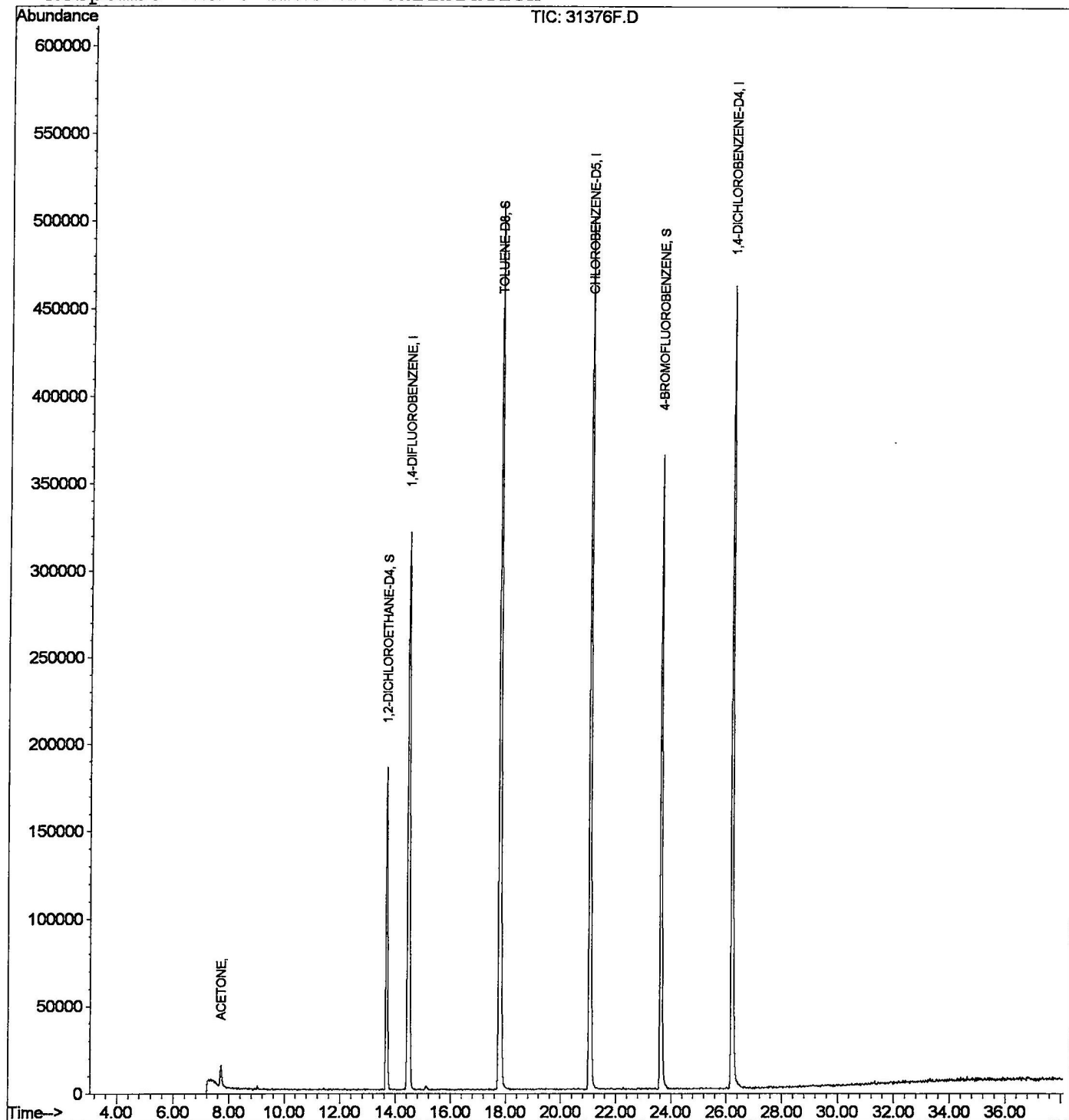
QUANTIFICATION REPORT

Data File : C:\HPCHEM\1\DATA\01dec27\31376F.D
Acq On : 28 Dec 2001 4:14 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 4:54 2001

Vial: 10
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\01dec27\31376F.D
 Acq On : 28 Dec 2001 4:14 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P

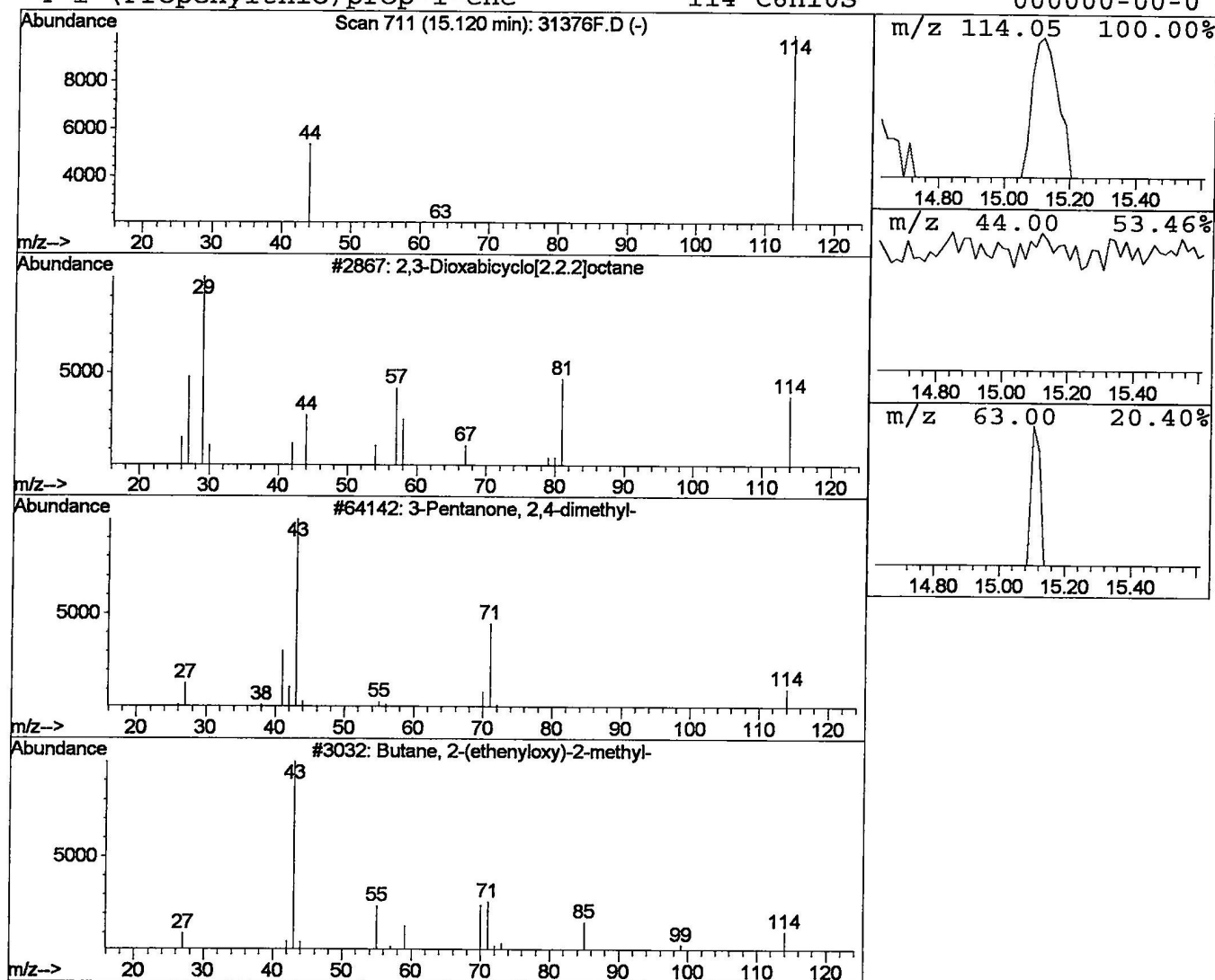
Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.04 ug/L	13398	1,4-DIFLUOROBENZENE	14.47

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			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:53:55

Sample: AD31380
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/28/01 00:05 Ended: 12/28/01 00:05 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.7		.5
2	Surr_4-BROMOFLUOROBENZE		4.0		.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 - 15

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:53:55

Sample: AD31380
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/28/01 00:05 Ended: 12/28/01 00:05 Analyst: BH
Result source: manual entry
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

Data File : C:\HPCHEM\1\DATA\01dec27\31380F.D

Vial: 11

Acq On : 28 Dec 2001 5:00 am

Operator: 206-BH

Sample : fb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 5:40 2001

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	14.47	114	636351	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	614910	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	294825	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	239900	5.72	ug/L	0.10
Spiked Amount 5.000			Recovery	=	114.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	195299	4.00	ug/L	0.10
Spiked Amount 5.000			Recovery	=	80.00%	
23) TOLUENE-D8	17.80	98	824214	5.06	ug/L	0.12
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						
10) ACETONE	7.70	43	64690	15.15	ug/L	Qvalue 96
12) METHYLENE CHLORIDE .31	9.02	49	10898	0.31	ug/L	93
16) 2-BUTANONE (MEK)	11.44	43	1181	0.16	ug/L	64

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

31380F.D HP121001.M Fri Dec 28 05:41:36 2001

Page 1

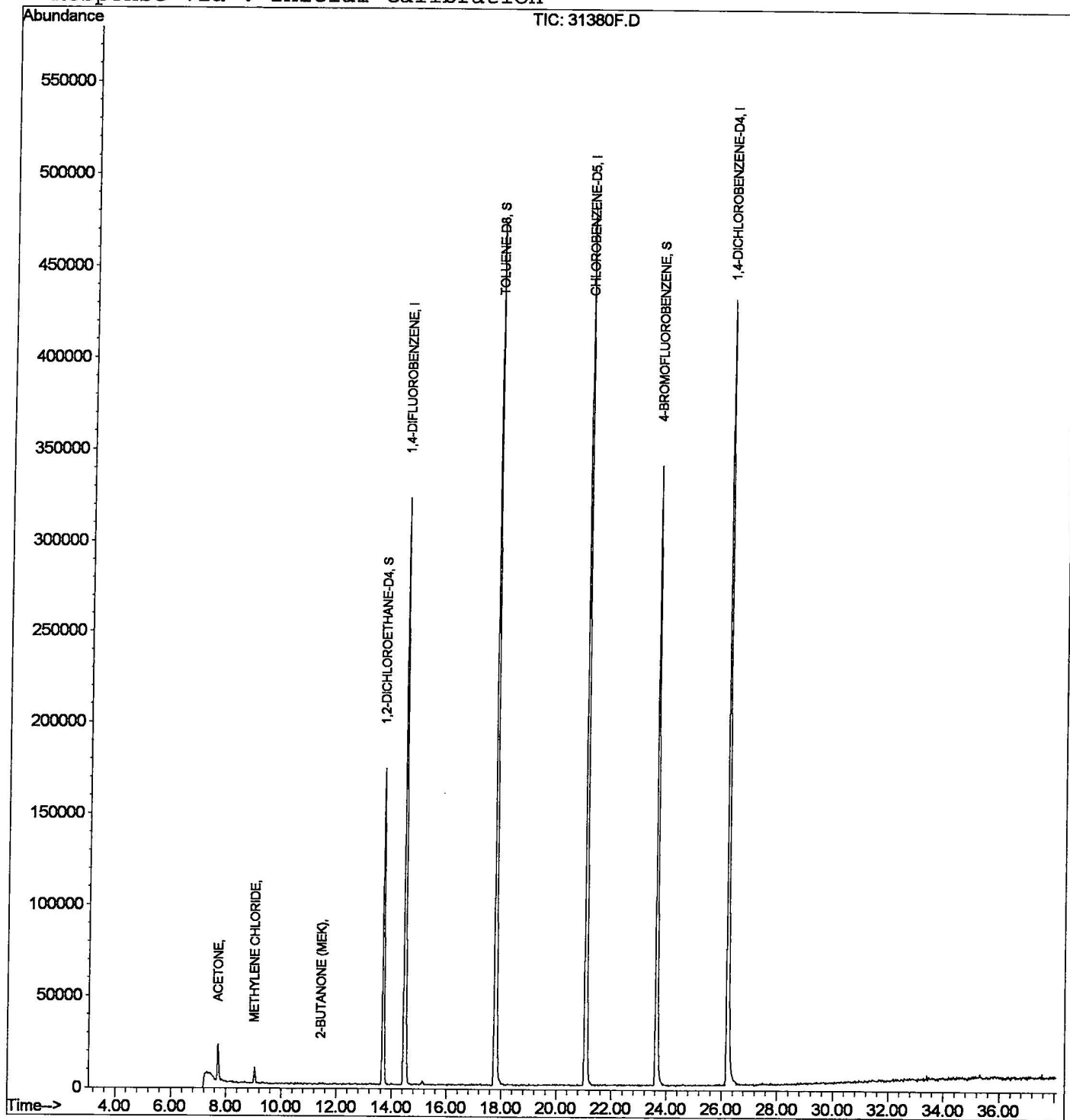
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31380F.D
Acq On : 28 Dec 2001 5:00 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 5:40 2001

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\01DEC27\31380F.D
 Acq On : 28 Dec 2001 5:00 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P

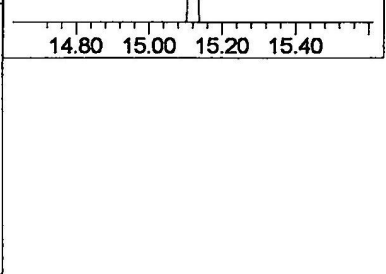
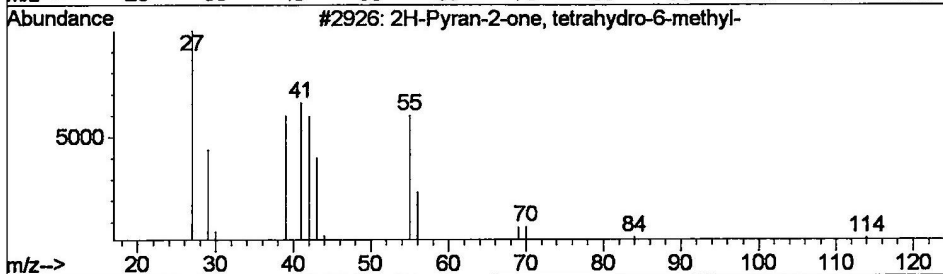
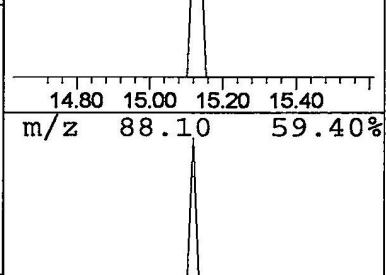
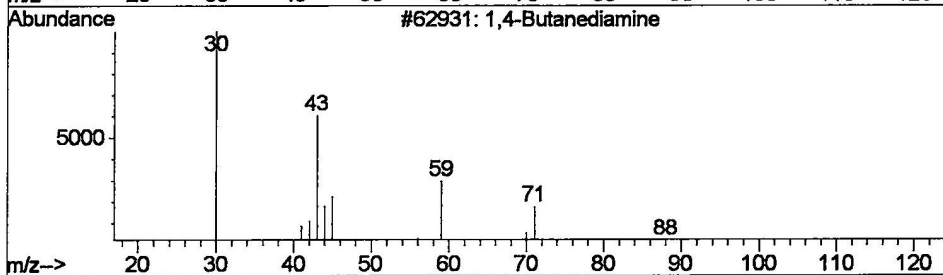
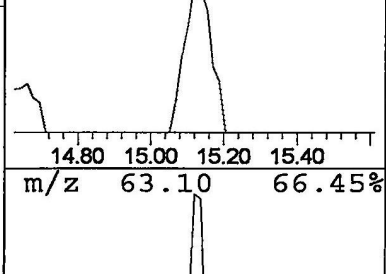
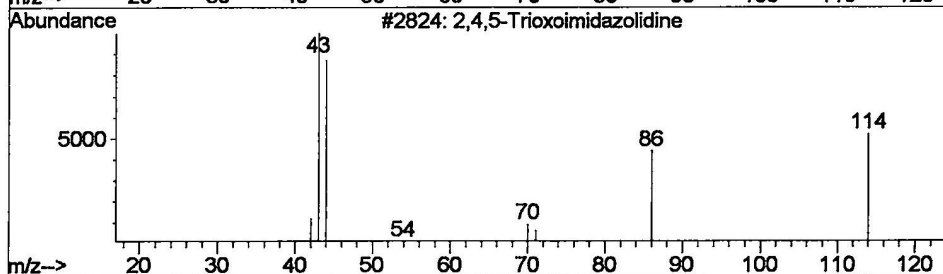
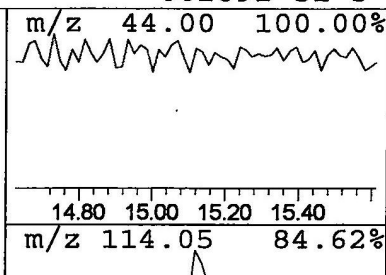
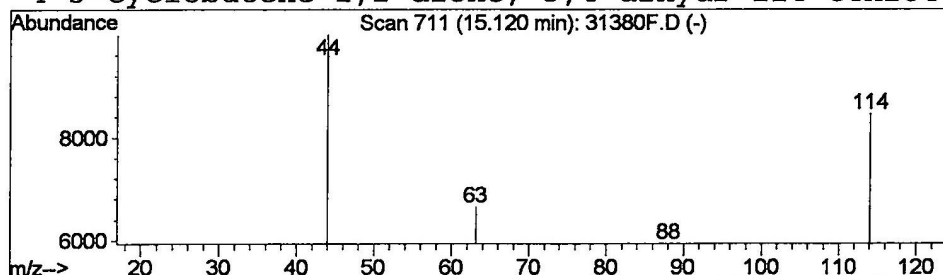
Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.02 ug/L	7010	1,4-DIFLUOROBENZENE	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2			1,4-Butanediamine	88	C4H12N2	000110-60-1	3
3			2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
4			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:38:36

Sample: AD31458
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/28/01 00:05 Ended: 12/28/01 00:05 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31458f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.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 - 31

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:38:36

Sample: AD31458
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/28/01 00:05 Ended: 12/28/01 00:05 Analyst: BH
Result source: m:\instruments\206\rrfiles\31458f.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\01dec27\31458F.D
 Acq On : 28 Dec 2001 5:45 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 6:25 2001

Vial: 12
 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	14.47	114	666720	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	625140	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.21	152	298694	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	254767	5.80	ug/L	0.10
Spiked Amount 5.000			Recovery	=	116.00%	
3) 4-BROMOFLUOROBENZENE	23.64	174	208250	4.07	ug/L	0.10
Spiked Amount 5.000			Recovery	=	81.40%	
23) TOLUENE-D8	17.78	98	846646	5.11	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.20%	
Target Compounds						
10) ACETONE	7.70	43	136623	30.55	ug/L	Qvalue 95

 (#) = qualifier out of range (m) = manual integration
 31458F.D HP121001.M Fri Dec 28 06:27:09 2001

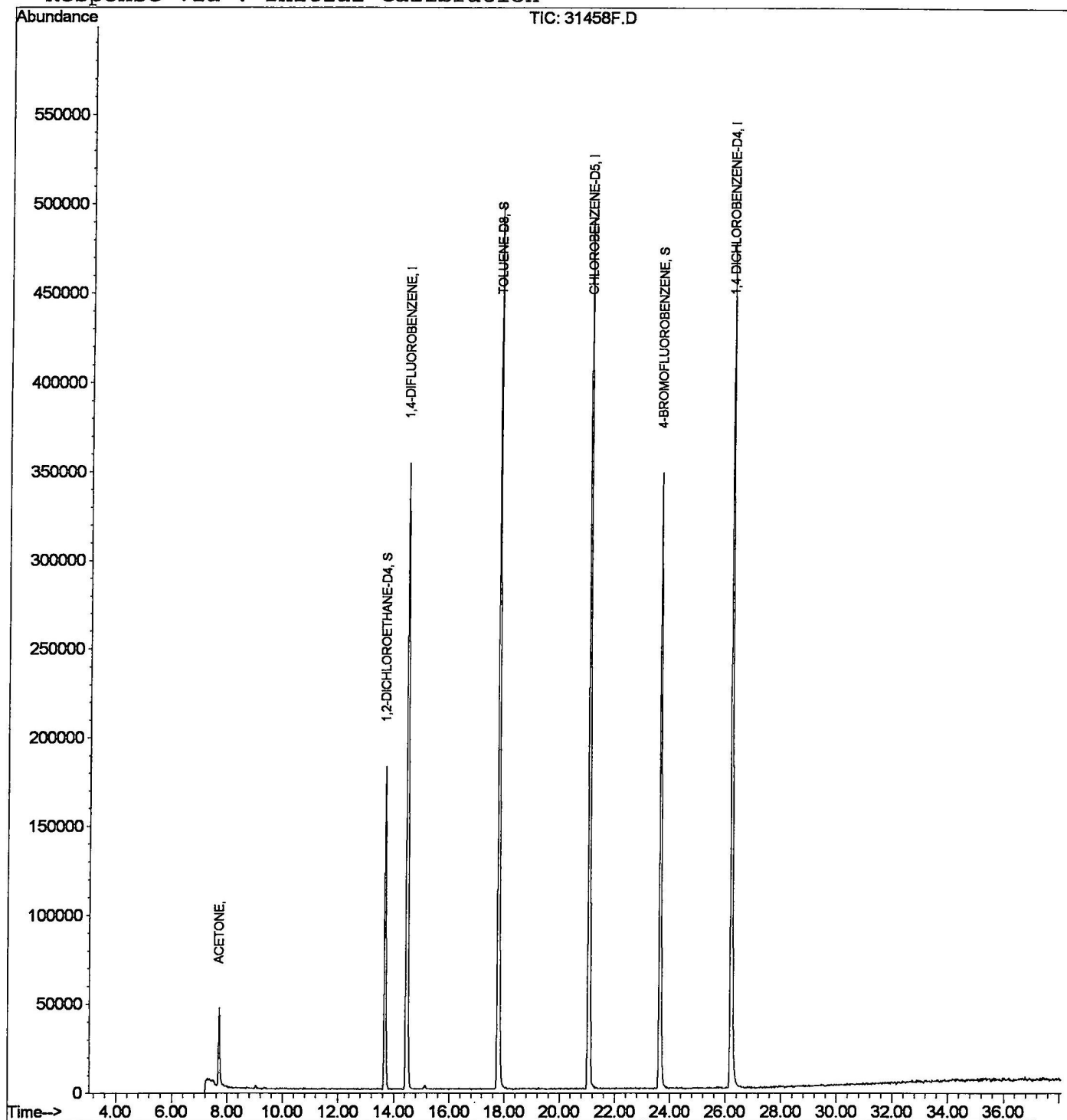
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec27\31458F.D
 Acq On : 28 Dec 2001 5:45 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 6:25 2001

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\01dec27\31458F.D

Acq On : 28 Dec 2001 5:45 am

Sample : fb

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)

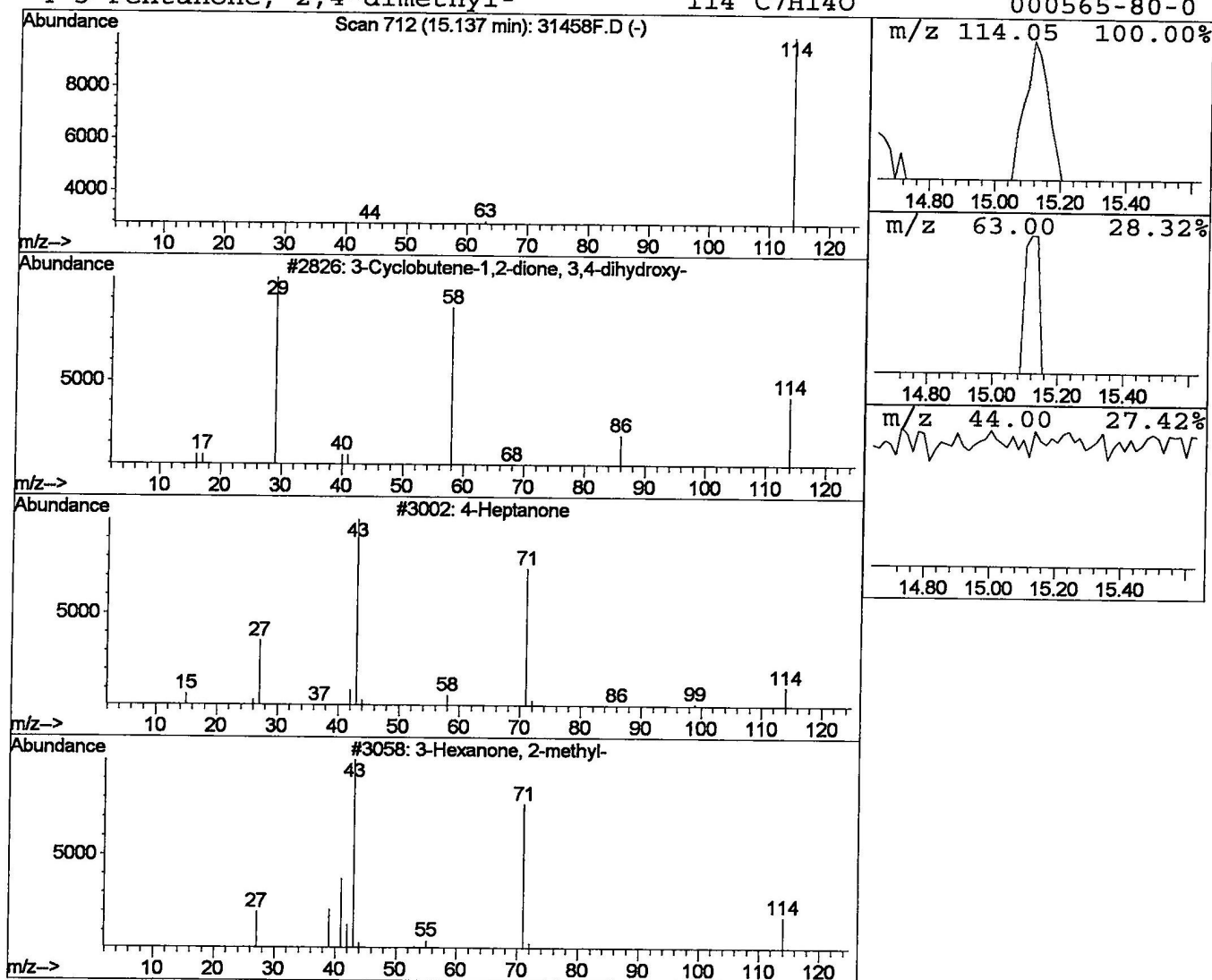
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.03 ug/L	9073	1,4-DIFLUOROBENZENE	14.47

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-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/28/2001 Time: 13:51:44

Sample: AD31462
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/28/01 00:06 Ended: 12/28/01 00:06 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31462f.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.9		.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 - 15

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 13:51:44

Sample: AD31462
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/28/01 00:06 Ended: 12/28/01 00:06 Analyst: BH
Result source: m:\instruments\206\rrfiles\31462f.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

Data File : C:\HPCHEM\1\DATA\01dec27\31462F.D

Vial: 13

Acq On : 28 Dec 2001 6:31 am

Operator: 206-BH

Sample : fb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 7:11 2001

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	14.47	114	625835	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.05	117	609369	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	285501	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	242209	5.88	ug/L	0.10
Spiked Amount	5.000		Recovery	=	117.60%	
3) 4-BROMOFLUOROBENZENE	23.64	174	196012	4.08	ug/L	0.10
Spiked Amount	5.000		Recovery	=	81.60%	
23) TOLUENE-D8	17.78	98	816117	5.05	ug/L	0.10
Spiked Amount	5.000		Recovery	=	101.00%	
Target Compounds						
10) ACETONE	7.70	43	62109	14.79	ug/L	Qvalue 95

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

31462F.D HP121001.M Fri Dec 28 07:13:02 2001

Page 1

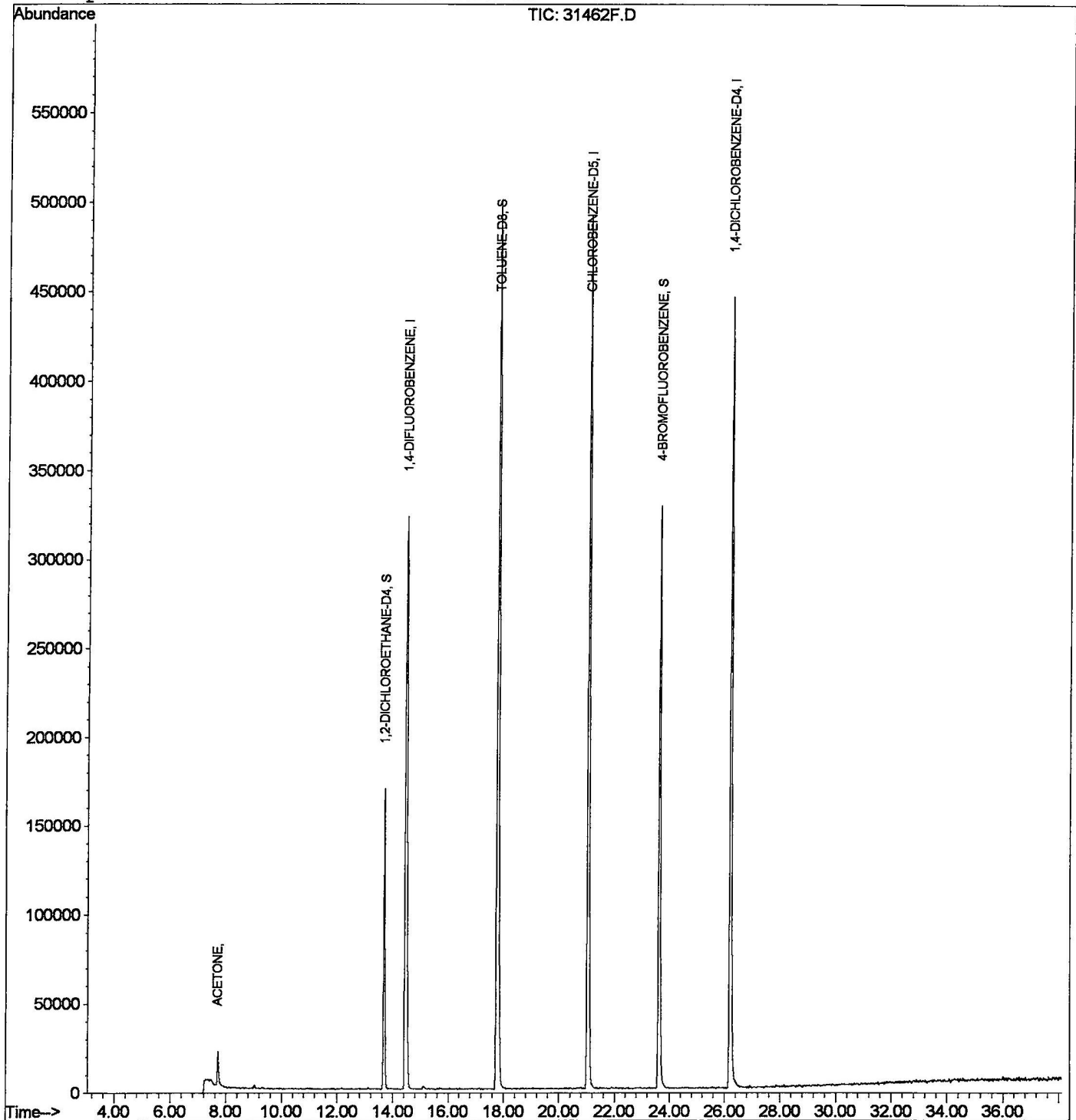
QUANTIFICATION REPORT

Data File : C:\HPCHEM\1\DATA\01dec27\31462F.D
Acq On : 28 Dec 2001 6:31 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 7:11 2001

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\01dec27\31462F.D
 Acq On : 28 Dec 2001 6:31 am
 Sample : fb
 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 3 1-(Propenylthio)prop-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.02 ug/L	7485	1,4-DIFLUOROBENZENE	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3			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

