User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:13:43

Sample: AE02089
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/7/02 12:12 Ended: 2/7/02 12:12 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.5
2	Surr - 4-BROMOFLUOROBENZ		4.8
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		2.5
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		1.0
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		5.0
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.0
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

lab contamination

- lab contamination

Reviewed by,
JB 5/9/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:13:43

Sample: AE02089
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/7/02 12:12 Ended: 2/7/02 12:12 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206B1.D Vial: 1
Acq On : 6 Feb 2002 10:53 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 11:32 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

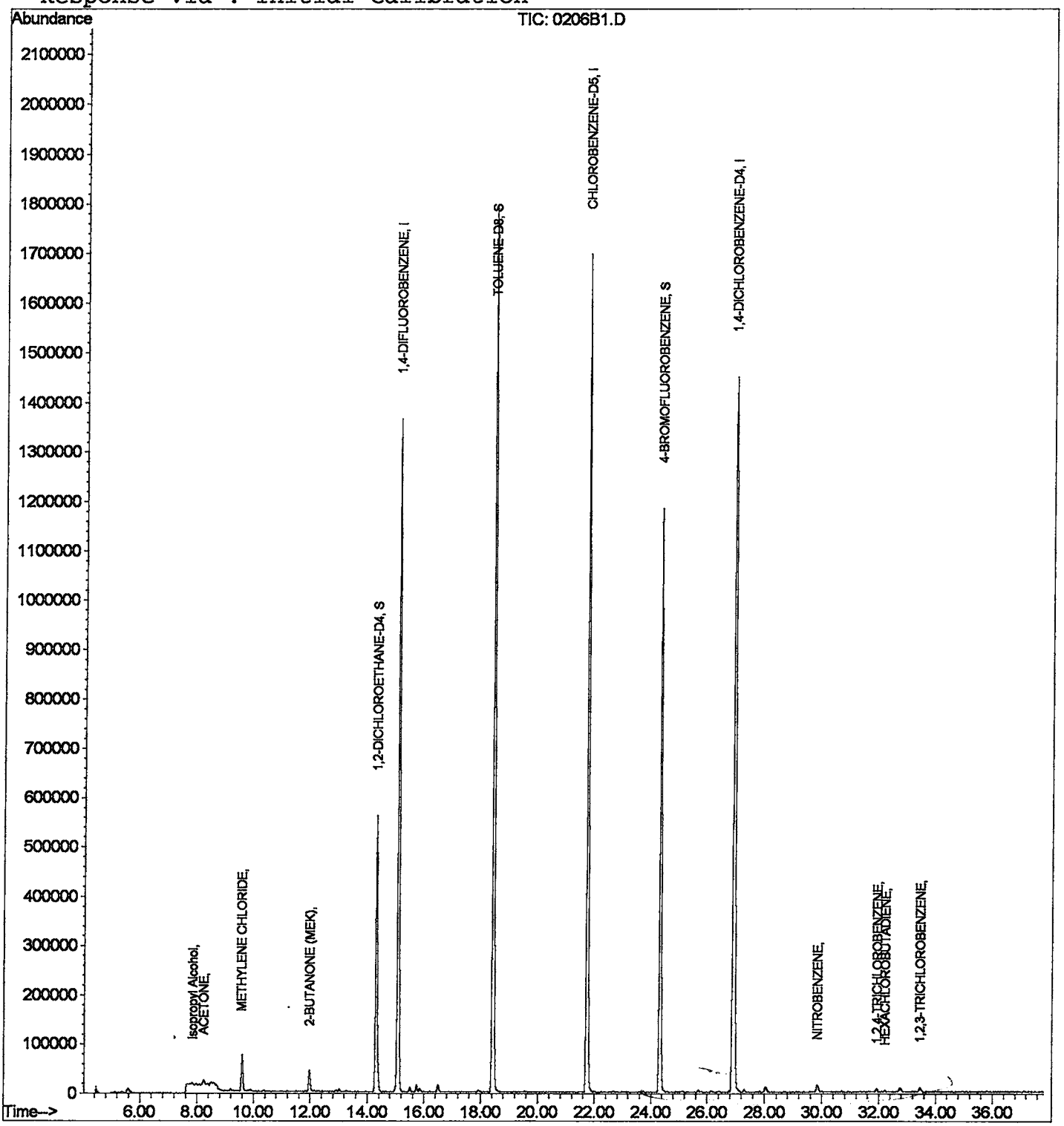
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1963949	5.00 ug/L	-0.03
24) CHLOROBENZENE-D5	21.73	117	1913148	5.00 ug/L	-0.03
52) 1,4-DICHLOROBENZENE-D4	26.91	152	908810	5.00 ug/L	-0.03
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.31	65	772893	4.54 ug/L	-0.03
Spiked Amount 5.000			Recovery =	90.80%	
3) 4-BROMOFLUOROBENZENE	24.32	174	715253	4.75 ug/L	-0.03
Spiked Amount 5.000			Recovery =	95.00%	
25) TOLUENE-D8	18.42	98	2408410	5.04 ug/L	-0.05
Spiked Amount 5.000			Recovery =	100.80%	
Target Compounds					Qvalue
10) Isopropyl Alcohol	7.85	45	4888	47.99 ug/L	50
12) ACETONE	8.24	43	26743	2.52 ug/L	94
14) METHYLENE CHLORIDE	9.58	49	93124	1.02 ug/L	96
18) 2-BUTANONE (MEK)	11.98	43	125628	5.04 ug/L	98
70) 1,2,4-TRICHLOROBENZENE	31.93	180	9653	0.11 ug/L	76
71) HEXACHLOROBUTADIENE	32.22	225	3852	0.10 ug/L	97
73) 1,2,3-TRICHLOROBENZENE	33.46	180	12914	0.19 ug/L	99
74) NITROBENZENE	29.84	77	25020	6.89 ug/L	92

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\0206B1.D Vial: 1
Acq On : 6 Feb 2002 10:53 am Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 11:32 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:23:57

Sample: AE02089
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 2/6/20 00:02 Ended: 2/6/20 00:02 Analyst: BH
Result source: a:\0206c10a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.9	.5
2	Surr_4-BROMOFLUOROBENZE		5.0	.5
3				
4	Chloromethane		13	.5
5	Vinyl chloride		12	.5
6	Bromomethane		10	.5
7	Chloroethane		12	.5
8	Trichlorofluoromethane		10	.5
9	1,1-Dichloroethene		8.9	.5
10	Methylene Chloride		12	.5
11	Methyl tert-butyl ether		10	1.0
12	trans-1,2-dichloroethene		11	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		15	2.0
15	2,2-dichloropropane		11	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		10	.5
18	Bromochloromethane		11	.5
19	1,2-dichloroethane		9.6	.5
20	Surr_TOLUENE-D8		5.0	.5
21	1,1,1- trichloroethane		9.8	.5
22	1,1-dichloropropene		11	.5
23	Carbon tetrachloride		10	.5
24	Benzene		10	.5
25	Trichloroethene		9.6	.5
26	1,2-dichloropropane		9.8	.5
27	Dibromomethane		8.8	.5
28	Bromodichloromethane		8.7	.5
29	Methyl iso-butyl ketone		8.5	1.0
30	cis-1,3-dichloropropene		9.3	.5
31	Toluene		9.9	.5
32	trans-1,3-dichloropropene		8.7	.5
33	1,1,2-trichloroethane		9.0	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		9.5	.5
36	Dibromochloromethane		8.2	2.0
37	Chlorobenzene		9.9	.5
38	1,1,1,2-tetrachloroethane		9.1	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		20	.5
41	O-xylene		9.6	.5
42	Styrene		9.9	.5
43	1,1,2,2-tetrachloroethane		9.9	.5
44	Bromoform		7.0	2.0
45	Isopropylbenzene		9.5	.5
46	1,2,3-trichloropropane		8.3	.5
47	N-propylbenzene		9.7	.5
48	Bromobenzene		9.0	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:23:57

Sample: AE02089
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 2/6/20 00:02 Ended: 2/6/20 00:02 Analyst: BH
Result source: a:\0206c10a.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		9.2	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		8.3	.5
52	TERT-butylbenzene		9.5	.5
53	1,2,4-trimethylbenzene		9.2	.5
54	SEC-butylbenzene		9.9	.5
55	P-isopropyltoluene		9.7	.5
56	1,3-dichlorobenzene		9.4	.5
57	1,4-dichlorobenzene		9.3	.5
58	N-butylbenzene		10	.5
59	1,2-dichlorobenzene		9.1	.5
60	1,2,4-trichlorobenzene		9.0	.5
61	Hexachlobutadiene		9.8	.5
62	Naphthalene		8.6	.5
63	1,2,3-trichlorobenzene		8.9	.5
64				

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10.D Vial: 2
Acq On : 6 Feb 2002 11:54 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 12:33 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	2000904	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	1945871	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.91	152	920561	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.31	65	774194	4.47	ug/L	-0.03
Spiked Amount 5.000			Recovery = 89.40%			
3) 4-BROMOFLUOROBENZENE	24.32	174	743960	4.85	ug/L	-0.03
Spiked Amount 5.000			Recovery = 97.00%			
25) TOLUENE-D8	18.44	98	2473006	5.09	ug/L	-0.03
Spiked Amount 5.000			Recovery = 101.80%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	466207	13.63	ug/L	100
5) CHLOROMETHANE	5.45	50	432966	10.87	ug/L	100
6) VINYL CHLORIDE	5.59	62	205055	9.36	ug/L	100
7) BROMOMETHANE	6.58	94	270719	9.30	ug/L	97
8) CHLOROETHANE	6.71	64	245032	9.54	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.27	101	500706	8.33	ug/L	99
10) Isopropyl Alcohol	7.84	45	7536	72.62	ug/L	59
12) ACETONE	8.24	43	100022	9.27	ug/L	95
13) 1,1-DICHLOROETHENE	8.59	61	619816	6.59	ug/L	97
14) METHYLENE CHLORIDE	9.60	49	889728	9.56	ug/L	99
15) METHYL TERT BUTYL ETHER	9.91	73	901996	7.71	ug/L	99
16) TRANS-1,2-DICHLOROETHENE	10.26	61	896463	7.87	ug/L	97
17) 1,1-DICHLOROETHANE	11.16	63	1101799	8.02	ug/L	99
18) 2-BUTANONE (MEK)	11.98	43	299058	11.79	ug/L	99
19) 2,2-DICHLOROPROPANE	12.36	77	916520	7.97	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.47	96	657972	8.00	ug/L	97
21) CHLOROFORM	12.80	83	1206199	7.88	ug/L	100
22) BROMOCHLOROMETHANE	13.18	49	559742	8.50	ug/L	99
23) 1,2-DICHLOROETHANE	14.52	62	854399	7.92	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	907356	7.35	ug/L	100
27) 1,1-DICHLOROPROPENE	14.02	75	924759	8.39	ug/L	98
28) CARBON TETRACHLORIDE	14.28	117	755271	7.52	ug/L	98
29) BENZENE	14.61	78	2315679	8.53	ug/L	100
30) TRICHLOROETHENE	15.90	95	737416	8.16	ug/L	96
31) 1,2-DICHLOROPROPANE	16.24	63	687703	8.67	ug/L	99
32) DIBROMOMETHANE	16.92	174	331806	7.83	ug/L	95
33) BROMODICHLOROMETHANE	16.77	83	909884	7.62	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.24	63	237468	7.03	ug/L	97

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10.D Vial: 2
Acq On : 6 Feb 2002 11:54 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 12:33 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.32	58	126322	7.16	ug/L	100
36)	CIS-1,3-DICHLOROPROPENE	17.85	75	987005	8.09	ug/L	96
37)	TOLUENE	18.61	91	2573464	8.55	ug/L	97
38)	TRANS-1,3-DICHLOROPROPENE	18.89	75	766139	8.08	ug/L	98
39)	1,1,2-TRICHLOROETHANE	19.27	97	425915	8.18	ug/L	98
40)	TETRACHLOROETHENE	20.06	166	699324	8.24	ug/L	97
41)	1,3-DICHLOROPROPANE	19.81	76	824585	8.44	ug/L	97
42)	DIBROMOCHLOROMETHANE	20.49	129	521111	7.28	ug/L	99
43)	1,2-DIBROMOETHANE	20.94	107	458408	7.86	ug/L	99
44)	CHLOROBENZENE	21.83	112	1663581	8.47	ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.87	131	570327	7.81	ug/L	99
46)	2-HEXANONE	19.17	43	233461	7.03	ug/L	96
47)	ETHYLBENZENE	21.87	91	3021531	8.56	ug/L	100
48)	P & M-XYLENE	22.02	106	2033621	17.19	ug/L	98
49)	O-XYLENE	23.00	91	2387448	8.23	ug/L	97
50)	STYRENE	23.05	104	1709899	8.45	ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.08	83	467854	9.05	ug/L	100
53)	BROMOFORM	23.92	173	251009	6.38	ug/L	99
54)	ISOPROPYLBENZENE	23.73	105	2682504	8.33	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	134806	7.80	ug/L	99
56)	N-PROPYLBENZENE	24.60	91	3354940	8.25	ug/L	100
57)	BROMOBENZENE	24.84	156	679901	8.19	ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	2286631	8.29	ug/L	99
59)	2-CHLOROTOLUENE	25.07	91	2071840	7.73	ug/L	100
60)	4-CHLOROTOLUENE	25.14	91	2110378	8.60	ug/L	99
61)	TERT-BUTYLBENZENE	25.70	119	2048741	8.30	ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.80	105	2373949	8.26	ug/L	99
63)	SEC-BUTYLBENZENE	26.17	105	2922139	8.72	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.41	119	2313829	8.92	ug/L	99
65)	1,3-DICHLOROBENZENE	26.77	146	1257548	8.41	ug/L	96
66)	1,4-DICHLOROBENZENE	26.98	146	1242649	8.27	ug/L	100
67)	N-BUTYLBENZENE	27.30	91	2409956	9.02	ug/L	98
68)	1,2-DICHLOROBENZENE	27.85	146	1083324	8.28	ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.63	157	60593	6.43	ug/L	100
70)	1,2,4-TRICHLOROBENZENE	31.93	180	701262	8.22	ug/L	97
71)	HEXACHLOROBUTADIENE	32.24	225	360353	8.88	ug/L	98
72)	NAPHTHALENE	32.76	128	887189	7.57	ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.48	180	563667	8.23	ug/L	99
74)	NITROBENZENE	29.84	77	245624	66.73	ug/L	97

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

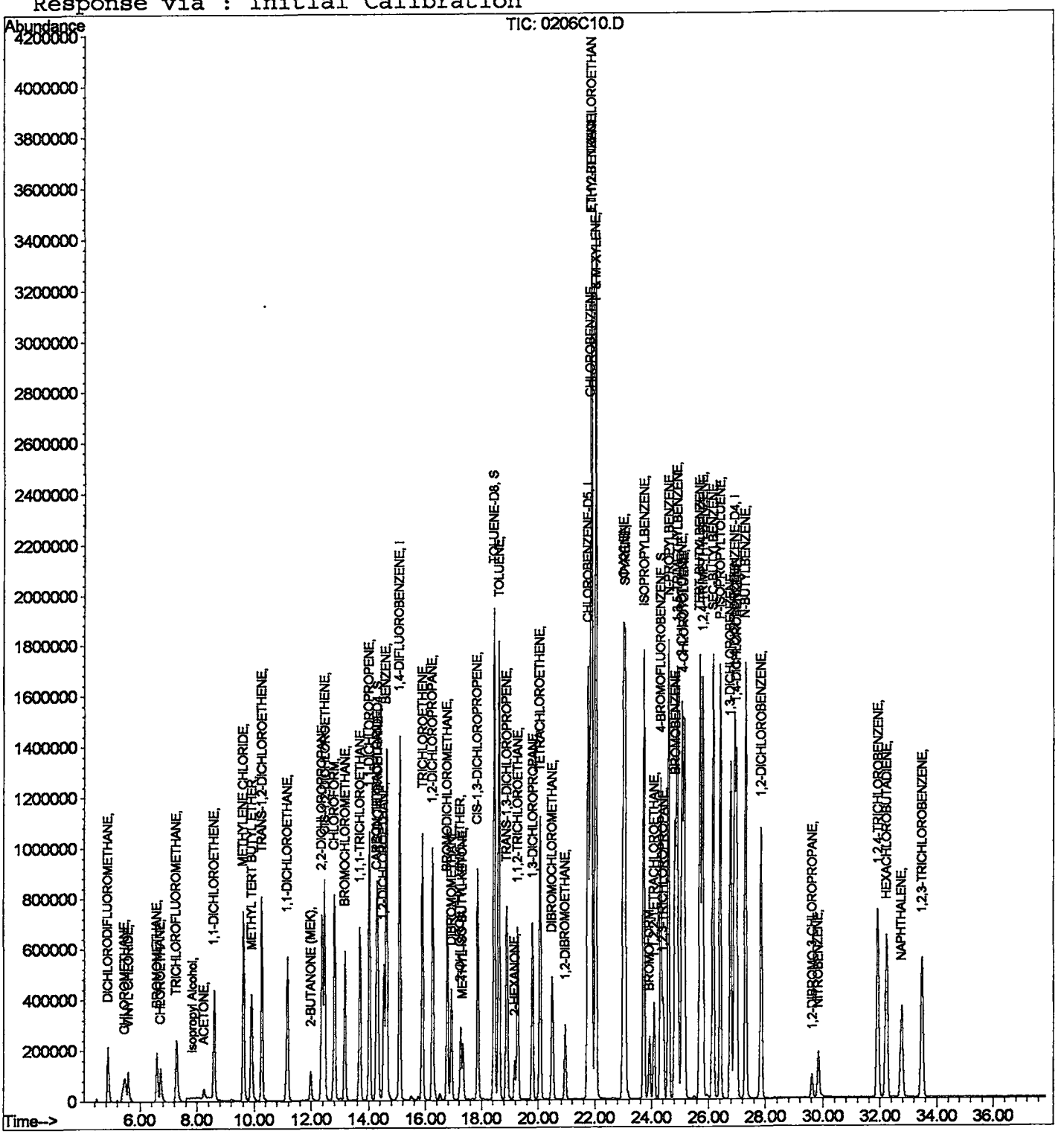
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10.D
Acq On : 6 Feb 2002 11:54 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 12:33 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10A.D Vial: 3
Acq On : 6 Feb 2002 2:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 14:50 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	1809858	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	1800596	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	894820	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.31	65	760525	4.85	ug/L	-0.03
Spiked Amount 5.000			Recovery =	97.00%		
3) 4-BROMOFLUOROBENZENE	24.34	174	692450	4.99	ug/L	-0.02
Spiked Amount 5.000			Recovery =	99.80%		
25) TOLUENE-D8	18.44	98	2247137	5.00	ug/L	-0.03
Spiked Amount 5.000			Recovery =	100.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.85	85	503124	16.26	ug/L	98
5) CHLOROMETHANE	5.47	50	481315	13.37	ug/L	98
6) VINYL CHLORIDE	5.59	62	220639	11.59	ug/L	100
7) BROMOMETHANE	6.58	94	271226	10.30	ug/L	97
8) CHLOROETHANE	6.71	64	272605	11.73	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.27	101	549704	10.11	ug/L	100
10) Isopropyl Alcohol	7.82	45	2361	25.15	ug/L	60
11) 1,1,2-Trichloro-1,2,2-trif	8.17	101	436506	10.81	ug/L	95
12) ACETONE	8.24	43	173490	17.77	ug/L	96
13) 1,1-DICHLOROETHENE	8.59	61	759773	8.94	ug/L	96
14) METHYLENE CHLORIDE	9.60	49	1004756	11.94	ug/L	100
15) METHYL TERT BUTYL ETHER	9.89	73	1052785	9.95	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.26	61	1105462	10.73	ug/L	97
17) 1,1-DICHLOROETHANE	11.14	63	1334398	10.74	ug/L	99
18) 2-BUTANONE (MEK)	11.98	43	338347	14.74	ug/L	98
19) 2,2-DICHLOROPROPANE	12.36	77	1135109	10.91	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.47	96	811689	10.92	ug/L	97
21) CHLOROFORM	12.80	83	1418481	10.25	ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	650305	10.92	ug/L	99
23) 1,2-DICHLOROETHANE	14.52	62	934442	9.57	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	1115154	9.77	ug/L	99
27) 1,1-DICHLOROPROPENE	14.02	75	1104026	10.83	ug/L	99
28) CARBON TETRACHLORIDE	14.28	117	933250	10.04	ug/L	99
29) BENZENE	14.63	78	2513595	10.01	ug/L	99
30) TRICHLOROETHENE	15.90	95	803572	9.62	ug/L	96
31) 1,2-DICHLOROPROPANE	16.24	63	721577	9.84	ug/L	99
32) DIBROMOMETHANE	16.92	174	346158	8.83	ug/L	99
33) BROMODICHLOROMETHANE	16.77	83	957889	8.67	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10A.D Vial: 3
Acq On : 6 Feb 2002 2:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 14:50 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

7-13

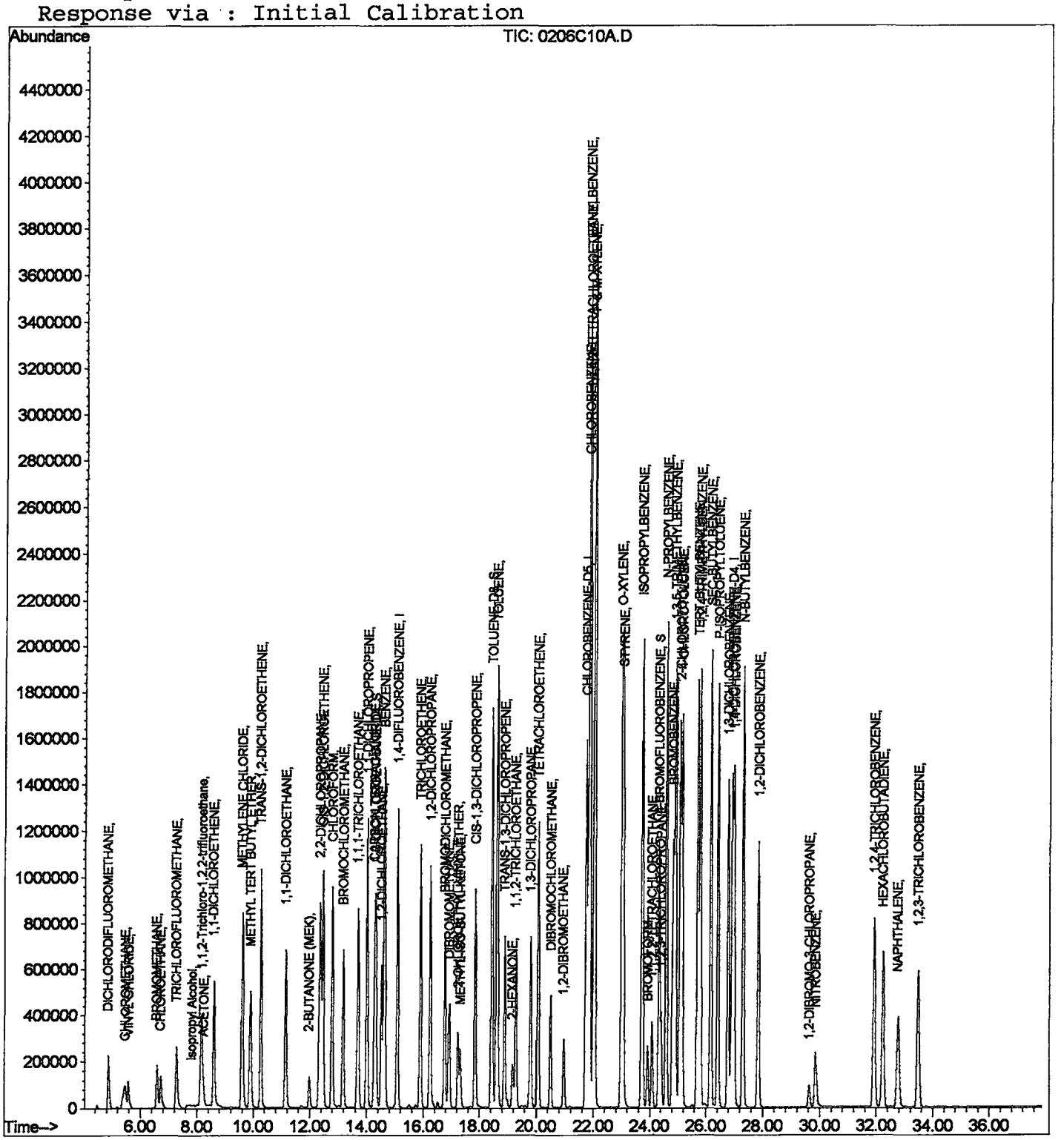
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	2-CHLOROETHYL VINYL ETHER	17.24	63	274720	8.79	ug/L	97
35)	METHYL ISO-BUTYL KETONE	17.32	58	139375	8.54	ug/L	97
36)	CIS-1,3-DICHLOROPROPENE	17.86	75	1051436	9.32	ug/L	99
37)	TOLUENE	18.61	91	2744315	9.86	ug/L	97
38)	TRANS-1,3-DICHLOROPROPENE	18.89	75	762840	8.69	ug/L	99
39)	1,1,2-TRICHLOROETHANE	19.27	97	435022	9.02	ug/L	98
40)	TETRACHLOROETHENE	20.06	166	784237	9.98	ug/L	96
41)	1,3-DICHLOROPROPANE	19.81	76	856104	9.47	ug/L	97
42)	DIBROMOCHLOROMETHANE	20.51	129	542075	8.18	ug/L	97
43)	1,2-DIBROMOETHANE	20.94	107	471471	8.73	ug/L	94
44)	CHLOROBENZENE	21.83	112	1793763	9.87	ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.88	131	611514	9.05	ug/L	99
46)	2-HEXANONE	19.17	43	264632	8.61	ug/L	92
47)	ETHYLBENZENE	21.87	91	3287293	10.07	ug/L	97
48)	P & M-XYLENE	22.02	106	2221937	20.30	ug/L	92
49)	O-XYLENE	23.00	91	2579303	9.61	ug/L	97
50)	STYRENE	23.07	104	1843722	9.85	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.08	83	473447	9.90	ug/L	99
53)	BROMOFORM	23.92	173	267304	6.99	ug/L	96
54)	ISOPROPYLBENZENE	23.73	105	2966708	9.47	ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.41	110	140171	8.35	ug/L	96
56)	N-PROPYLBENZENE	24.60	91	3843428	9.73	ug/L	98
57)	BROMOBENZENE	24.84	156	725483	8.99	ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	2473632	9.22	ug/L	98
59)	2-CHLOROTOLUENE	25.09	91	2622942	10.06	ug/L	97
60)	4-CHLOROTOLUENE	25.16	91	1978397	8.29	ug/L	97
61)	TERT-BUTYLBENZENE	25.71	119	2276916	9.49	ug/L	97
62)	1,2,4-TRIMETHYLBENZENE	25.80	105	2580946	9.24	ug/L	98
63)	SEC-BUTYLBENZENE	26.17	105	3220864	9.89	ug/L	100
64)	P-ISOPROPYLTOLUENE	26.43	119	2447751	9.71	ug/L	99
65)	1,3-DICHLOROBENZENE	26.77	146	1369658	9.42	ug/L	98
66)	1,4-DICHLOROBENZENE	27.00	146	1363759	9.33	ug/L	97
67)	N-BUTYLBENZENE	27.31	91	2605423	10.03	ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	1163092	9.15	ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.63	157	64304	7.02	ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.93	180	749860	9.05	ug/L	96
71)	HEXACHLOROBUTADIENE	32.24	225	386018	9.79	ug/L	96
72)	NAPHTHALENE	32.76	128	974330	8.55	ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.48	180	594759	8.93	ug/L	99
74)	NITROBENZENE	29.86	77	315705	88.23	ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10A.D Vial: 3
Acq On : 6 Feb 2002 2:12 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 14:50 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 15:48:42

Sample: AE02089
Analysis: SRE524 Reference recovery for 524
Units: ug
Started: 02/06/02 21:01 Ended: 02/06/02 21:01 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vlol	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.3	
2	4-BROMOFLUOROBENZENE		4.4	
3	DICHLORODIFLUOROMETHANE		5.3	.5
4	CHLOROMETHANE		5.1	.5
5	VINYL CHLORIDE		4.8	.5
6	BROMOMETHANE		4.4	.5
7	CHLOROETHANE		4.5	.5
8	TRICHLOROFLUOROMETHANE		4.2	.5
9	ACETONE		8.7	.5
10	1,1-DICHLOROETHENE		4.8	.5
11	METHYLENE CHLORIDE		7.0	.5
12	METHYL TERT BUTYL ETHER		5.1	1
13	TRANS-1,2-DICHLOROETHENE		5.8	.5
14	1,1-DICHLOROETHANE		5.9	.5
15	2-BUTANONE (MEK)		3.7	.5
16	2,2-DICHLOROPROPANE		6.0	.5
17	CIS-1,2-DICHLOROETHENE		5.9	.5
18	CHLOROFORM		5.7	.5
19	BROMOCHLOROMETHANE		5.9	.5
20	1,2-DICHLOROETHANE		5.5	.5
21	TOLUENE-D8		5.0	
22	1,1,1-TRICHLOROETHANE		5.9	.5
23	1,1-DICHLOROPROPENE		4.2	.5
24	CARBON TETRACHLORIDE		6.0	.5
25	BENZENE		4.6	.5
26	TRICHLOROETHENE		6.5	.5
27	1,2-DICHLOROPROPANE		6.1	.5
28	DIBROMOMETHANE		5.3	.5
29	BROMODICHLOROMETHANE		5.3	.5
30	2-CHLOROETHYL VINYL ETHER		4.8	.5
31	METHYL ISO-BUTYL KETONE		4.4	1
32	CIS-1,3-DICHLOROPROPENE		5.6	.5
33	TOLUENE		6.2	.5
34	TRANS-1,3-DICHLOROPROPENE		5.5	.5
35	1,1,2-TRICHLOROETHANE		5.6	.5
36	TETRACHLOROETHENE		6.1	.5
37	1,3-DICHLOROPROPANE		5.7	.5
38	DIBROMOCHLOROMETHANE		4.8	2
39	1,2-DIBROMOETHANE		5.3	.5
40	CHLOROBENZENE		6.2	.5
41	1,1,1,2-TETRACHLOROETHANE		5.6	.5
42	2-HEXANONE		4.4	.5
43	ETHYLBENZENE		6.4	.5
44	P & M-XYLENE		13	.5
45	O-XYLENE		6.0	.5
46	STYRENE		6.1	.5
47	1,1,2,2-TETRACHLOROETHANE		5.9	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 15:48:42

Sample: AE02089
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 02/06/02 21:01 Ended: 02/06/02 21:01 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Vlol	Result	MDL
48	BROMOFORM		3.9	2
49	ISOPROPYLBENZENE		6.1	.5
50	1,2,3-TRICHLOROPROPANE		5.2	.5
51	N-PROPYLBENZENE		6.1	.5
52	BROMOBENZENE		5.8	.5
53	1,3,5-TRIMETHYLBENZENE		6.1	.5
54	2-CHLOROTOLUENE		6.4	.5
55	4-CHLOROTOLUENE		5.5	.5
56	TERT-BUTYLBENZENE		6.1	.5
57	1,2,4-TRIMETHYLBENZENE		6.0	.5
58	SEC-BUTYLBENZENE		6.4	.5
59	P-ISOPROPYLTOLUENE		4.9	.5
60	1,3-DICHLOROBENZENE		6.1	.5
61	1,4-DICHLOROBENZENE		6.0	.5
62	N-BUTYLBENZENE		4.9	.5
63	1,2-DICHLOROBENZENE		5.8	.5
64	1,2-DIBROMO-3-CHLOROPROPA		4.0	.5
65	1,2,4-TRICHLOROBENZENE		5.8	.5
66	HEXACHLOROBUTADIENE		6.5	.5
67	NAPHTHALENE		5.0	.5
68	1,2,3-TRICHLOROBENZENE		5.7	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		36	5.0

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 15:50:08

Sample: AE02089
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 02/07/02 12:12 Ended: 02/07/02 12:12 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.3	.5
2	Surr - 4-BROMOFLUOROBENZE		4.4	.5
3	Dichlorodifluoromethane		106	.5
4	Chloromethane		102	.5
5	Vinyl chloride		96	.5
6	Bromomethane		88	.5
7	Chloroethane		90	.5
8	Trichlorofluoromethane		84	.5
9	1,1-Dichloroethene		96	.5
10	Methylene Chloride		140	.5
11	Methyl tert butyl ether		102	1.0
12	trans-1,2-dichloroethene		116	.5
13	1,1-dichloroethane		118	.5
14	2-butanone (MEK)		74	2.0
15	2,2-dichloropropane		120	.5
16	cis-1,2-dichloroethene		118	.5
17	Chloroform		114	.5
18	Bromochloromethane		118	.5
19	1,2-dichloroethane		110	.5
20	Surr - TOLUENE-D8		5	.5
21	1,1,1-trichloroethane		118	.5
22	1,1-dichloropropene		84	.5
23	Carbon tetrachloride		120	.5
24	Benzene		92	.5
25	Trichloroethene		130	.5
26	1,2-dichloropropane		122	.5
27	Dibromomethane		106	.5
28	Bromodichloromethane		106	.5
29	Methyl iso-butyl ketone		88	1.0
30	cis-1,3-dichloropropene		112	.5
31	Toluene		124	.5
32	trans-1,3-dichloropropene		110	.5
33	1,1,2-trichloroethane		112	.5
34	Tetrachloroethene		122	.5
35	1,3-dichloropropane		114	.5
36	Dibromochloromethane		96	2.0
37	Chlorobenzene		124	.5
38	1,1,1,2-tetrachloroethane		112	.5
39	Ethylbenzene		128	.5
40	P & M-xylene		130	.5
41	O-xylene		120	.5
42	Styrene		122	.5
43	1,1,2,2-tetrachloroethane		118	.5
44	Bromoform		78	2.0
45	Isopropylbenzene		122	.5
46	1,2,3-trichloropropane		104	.5
47	N-propylbenzene		122	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 15:50:08

Sample: AE02089
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 02/07/02 12:12 Ended: 02/07/02 12:12 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		116	.5
49	1,3,5-trimethylbenzene		122	.5
50	2-chlorotoluene		128	.5
51	4-chlorotoluene		110	.5
52	TERT-butylbenzene		122	.5
53	1,2,4-trimethylbenzene		120	.5
54	SEC-butylbenzene		128	.5
55	P-isopropyltoluene		98	.5
56	1,3-dichlorobenzene		122	.5
57	1,4-dichlorobenzene		120	.5
58	N-butylbenzene		98	.5
59	1,2-dichlorobenzene		116	.5
60	1,2,4-trichlorobenzene		116	.5
61	Hexachlorobutadiene		130	.5
62	Naphthalene		100	.5
63	1,2,3-trichlorobenzene		114	.5
64	Ethanol		< MDL	
65	Nitrobenzene	LSPEC	36	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB06\0206R5A.D Vial: 4
Acq On : 6 Feb 2002 4:30 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 20:59 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1941455	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	1761033	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	831561	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.33	65	719993	4.28	ug/L	-0.02
Spiked Amount 5.000			Recovery =	85.60%		
3) 4-BROMOFLUOROBENZENE	24.34	174	657734	4.42	ug/L	-0.02
Spiked Amount 5.000			Recovery =	88.40%		
25) TOLUENE-D8	18.44	98	2185320	4.97	ug/L	-0.03
Spiked Amount 5.000			Recovery =	99.40%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	175379	5.29	ug/L	100
5) CHLOROMETHANE	5.46	50	198512	5.14	ug/L	98
6) VINYL CHLORIDE	5.59	62	110477	4.82	ug/L	100
7) BROMOMETHANE	6.60	94	124644	4.41	ug/L	97
8) CHLOROETHANE	6.71	64	112807	4.53	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.28	101	245249	4.21	ug/L	98
10) Isopropyl Alcohol	7.89	45	2889	28.69	ug/L	79
12) ACETONE	8.25	43	85445	8.16	ug/L	92
13) 1,1-DICHLOROETHENE	8.60	61	442146	4.85	ug/L	99
14) METHYLENE CHLORIDE	9.59	49	635156	7.04	ug/L	96
15) METHYL TERT BUTYL ETHER	9.91	73	575101	5.07	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.27	61	642956	5.82	ug/L	97
17) 1,1-DICHLOROETHANE	11.16	63	792787	5.95	ug/L	99
18) 2-BUTANONE (MEK)	11.98	43	216163	8.78	ug/L	99
19) 2,2-DICHLOROPROPANE	12.38	77	667619	5.98	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.47	96	469299	5.88	ug/L	99
21) CHLOROFORM	12.80	83	852975	5.75	ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	379677	5.94	ug/L	100
23) 1,2-DICHLOROETHANE	14.52	62	575048	5.49	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.69	97	660904	5.92	ug/L	96
27) 1,1-DICHLOROPROPENE	14.02	75	674253	6.76	ug/L	100
28) CARBON TETRACHLORIDE	14.28	117	543871	5.98	ug/L	100
29) BENZENE	14.63	78	1695685	6.90	ug/L	99
30) TRICHLOROETHENE	15.90	95	528883	6.47	ug/L	97
31) 1,2-DICHLOROPROPANE	16.24	63	438124	6.11	ug/L	94
32) DIBROMOMETHANE	16.92	174	203527	5.31	ug/L	99
33) BROMODICHLOROMETHANE	16.77	83	571995	5.29	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	145209	4.75	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB06\0206R5A.D Vial: 4
Acq On : 6 Feb 2002 4:30 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 20:59 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.32	58	70425	4.41 ug/L	96
36)	CIS-1,3-DICHLOROPROPENE	17.86	75	620774	5.62 ug/L	98
37)	TOLUENE	18.61	91	1694844	6.22 ug/L	100
38)	TRANS-1,3-DICHLOROPROPENE	18.89	75	472374	5.50 ug/L	98
39)	1,1,2-TRICHLOROETHANE	19.27	97	261761	5.55 ug/L	96
40)	TETRACHLOROETHENE	20.06	166	471563	6.14 ug/L	95
41)	1,3-DICHLOROPROPANE	19.81	76	508006	5.75 ug/L	99
42)	DIBROMOCHLOROMETHANE	20.51	129	314024	4.84 ug/L	100
43)	1,2-DIBROMOETHANE	20.96	107	279874	5.30 ug/L	97
44)	CHLOROBENZENE	21.83	112	1096427	6.17 ug/L	98
45)	1,1,1,2-TETRACHLOROETHANE	21.88	131	371647	5.63 ug/L	98
46)	2-HEXANONE	19.17	43	133363	4.43 ug/L	97
47)	ETHYLBENZENE	21.87	91	2039786	6.39 ug/L	98
48)	P & M-XYLENE	22.04	106	1363676	12.74 ug/L	94
49)	O-XYLENE	23.00	91	1585995	6.04 ug/L	99
50)	STYRENE	23.07	104	1107803	6.05 ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.08	83	273838	5.85 ug/L	98
53)	BROMOFORM	23.92	173	140165	3.94 ug/L	97
54)	ISOPROPYLBENZENE	23.73	105	1777556	6.11 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.41	110	81807	5.24 ug/L	99
56)	N-PROPYLBENZENE	24.60	91	2232733	6.08 ug/L	99
57)	BROMOBENZENE	24.84	156	434820	5.80 ug/L	99
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	1524752	6.12 ug/L	98
59)	2-CHLOROTOLUENE	25.09	91	1539012	6.35 ug/L	99
60)	4-CHLOROTOLUENE	25.16	91	1241103	5.54 ug/L	98
61)	TERT-BUTYLBENZENE	25.71	119	1364749	6.12 ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.80	105	1566915	6.04 ug/L	100
63)	SEC-BUTYLBENZENE	26.17	105	1945872	6.43 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.43	119	1536594	6.56 ug/L	98
65)	1,3-DICHLOROBENZENE	26.79	146	824144	6.10 ug/L	97
66)	1,4-DICHLOROBENZENE	27.00	146	811987	5.98 ug/L	97
67)	N-BUTYLBENZENE	27.31	91	1631981	6.76 ug/L	98
68)	1,2-DICHLOROBENZENE	27.85	146	687184	5.82 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.63	157	33886	3.98 ug/L	87
70)	1,2,4-TRICHLOROBENZENE	31.93	180	445061	5.78 ug/L	95
71)	HEXACHLOROBUTADIENE	32.24	225	238610	6.51 ug/L	98
72)	NAPHTHALENE	32.78	128	531337	5.02 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.48	180	351641	5.68 ug/L	98
74)	NITROBENZENE	29.86	77	119558	35.96 ug/L	98

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

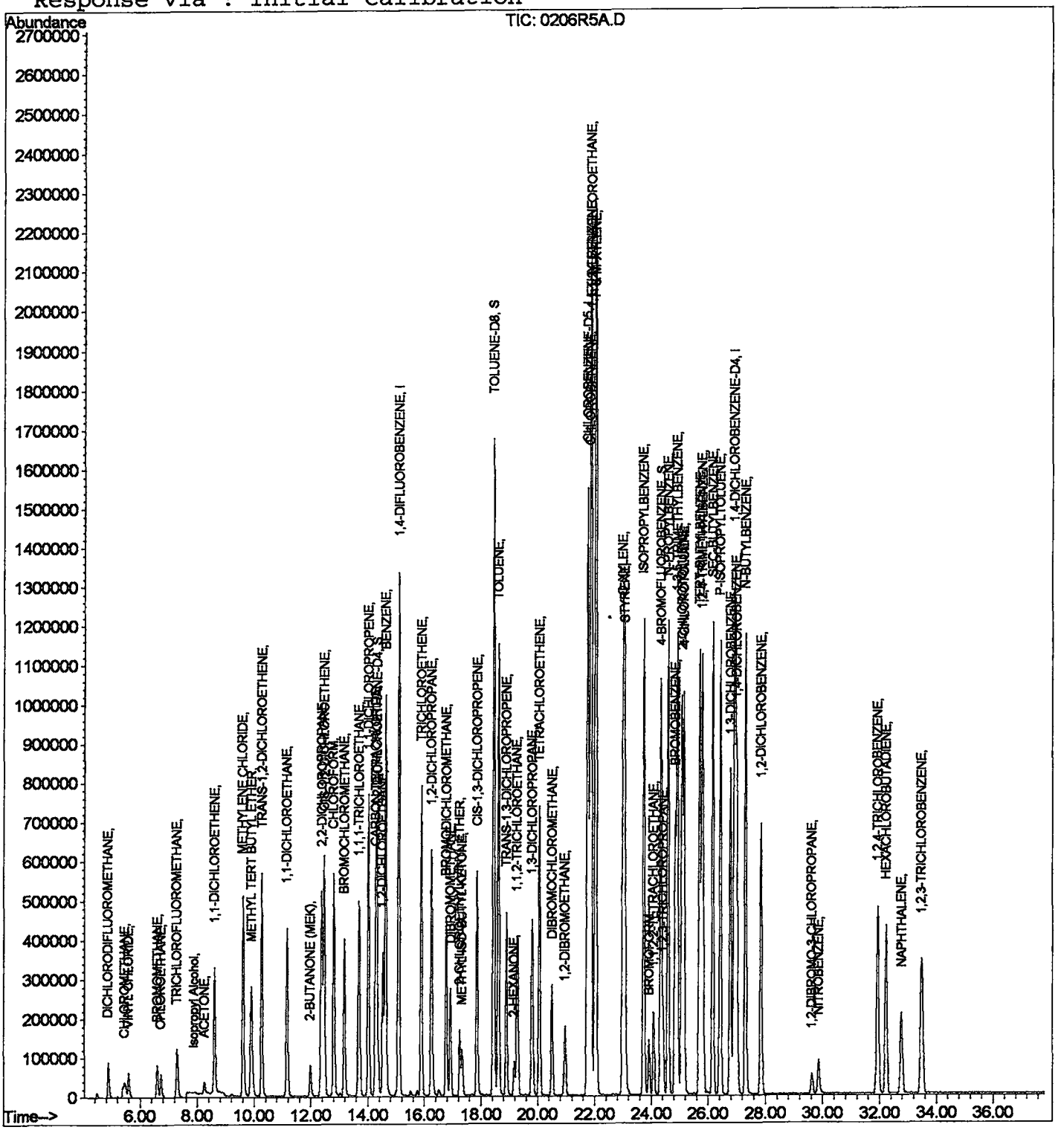
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB06\0206R5A.D
Acq On : 6 Feb 2002 4:30 pm
Sample : ref 5
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 20:59 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206R5.D Vial: 3
Acq On : 6 Feb 2002 2:59 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 15:37 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	2200439	5.00 ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	2159086	5.00 ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	1044231	5.00 ug/L	-0.02
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.33	65	832853	4.37 ug/L	-0.02
Spiked Amount 5.000			Recovery =	87.40%	
3) 4-BROMOFLUOROBENZENE	24.34	174	822128	4.87 ug/L	-0.02
Spiked Amount 5.000			Recovery =	97.40%	
25) TOLUENE-D8	18.45	98	2718199	5.04 ug/L	-0.02
Spiked Amount 5.000			Recovery =	100.80%	
Target Compounds					Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	248950	6.62 ug/L	100
5) CHLOROMETHANE	5.47	50	256939	5.87 ug/L	99
6) VINYL CHLORIDE	5.59	62	123774	4.76 ug/L	97
7) BROMOMETHANE	6.59	94	147367	4.60 ug/L	100
8) CHLOROETHANE	6.73	64	145427	5.15 ug/L	98
9) TRICHLOROFLUOROMETHANE	7.28	101	295070	4.46 ug/L	99
10) Isopropyl Alcohol	7.87	45	5366	47.02 ug/L	63
12) ACETONE	8.25	43	96274	8.11 ug/L	89
13) 1,1-DICHLOROETHENE	8.60	61	423222	4.09 ug/L	99
14) METHYLENE CHLORIDE	9.61	49	581930	5.69 ug/L	97
15) METHYL TERT BUTYL ETHER	9.91	73	521380	4.05 ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.27	61	541653	4.32 ug/L	96
17) 1,1-DICHLOROETHANE	11.16	63	655289	4.34 ug/L	99
18) 2-BUTANONE (MEK)	12.00	43	256408	9.19 ug/L	97
19) 2,2-DICHLOROPROPANE	12.38	77	547324	4.33 ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.48	96	389654	4.31 ug/L	98
21) CHLOROFORM	12.82	83	699687	4.16 ug/L	99
22) BROMOCHLOROMETHANE	13.18	49	320356	4.42 ug/L	90
23) 1,2-DICHLOROETHANE	14.54	62	478866	4.04 ug/L	97
26) 1,1,1-TRICHLOROETHANE	13.70	97	538775	3.94 ug/L	98
27) 1,1-DICHLOROPROPENE	14.03	75	550071	4.50 ug/L	99
28) CARBON TETRACHLORIDE	14.29	117	436854	3.92 ug/L	99
29) BENZENE	14.63	78	1394057	4.63 ug/L	100
30) TRICHLOROETHENE	15.90	95	435863	4.35 ug/L	96
31) 1,2-DICHLOROPROPANE	16.26	63	401416	4.56 ug/L	99
32) DIBROMOMETHANE	16.92	174	188516	4.01 ug/L	97
33) BROMODICHLOROMETHANE	16.78	83	511399	3.86 ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	134884	3.60 ug/L	95

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206R5.D Vial: 3
Acq On : 6 Feb 2002 2:59 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 15:37 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.34	58	68367	3.49	ug/L	88
36)	CIS-1,3-DICHLOROPROPENE	17.86	75	557826	4.12	ug/L	97
37)	TOLUENE	18.63	91	1534276	4.60	ug/L	99
38)	TRANS-1,3-DICHLOROPROPENE	18.91	75	423534	4.02	ug/L	99
39)	1,1,2-TRICHLOROETHANE	19.29	97	242753	4.20	ug/L	97
40)	TETRACHLOROETHENE	20.07	166	419973	4.46	ug/L	99
41)	1,3-DICHLOROPROPANE	19.81	76	471209	4.35	ug/L	99
42)	DIBROMOCHLOROMETHANE	20.51	129	282444	3.55	ug/L	98
43)	1,2-DIBROMOETHANE	20.96	107	255297	3.94	ug/L	97
44)	CHLOROBENZENE	21.83	112	976471	4.48	ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.88	131	331089	4.09	ug/L	99
46)	2-HEXANONE	19.19	43	145769	3.95	ug/L	99
47)	ETHYLBENZENE	21.88	91	1823584	4.66	ug/L	98
48)	P & M-XYLENE	22.04	106	1234012	9.40	ug/L	97
49)	O-XYLENE	23.01	91	1440105	4.48	ug/L	96
50)	STYRENE	23.07	104	1017951	4.54	ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	262373	4.57	ug/L	95
53)	BROMOFORM	23.92	173	129592	2.90	ug/L	98
54)	ISOPROPYLBENZENE	23.73	105	1633627	4.47	ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.42	110	77348	3.95	ug/L	95
56)	N-PROPYLBENZENE	24.60	91	2075535	4.50	ug/L	99
57)	BROMOBENZENE	24.84	156	397939	4.23	ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	1398204	4.47	ug/L	98
59)	2-CHLOROTOLUENE	25.09	91	1384549	4.55	ug/L	100
60)	4-CHLOROTOLUENE	25.16	91	1167150	4.12	ug/L	99
61)	TERT-BUTYLBENZENE	25.71	119	1276920	4.56	ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.80	105	1428457	4.38	ug/L	96
63)	SEC-BUTYLBENZENE	26.17	105	1801446	4.74	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.43	119	1425961	4.85	ug/L	98
65)	1,3-DICHLOROBENZENE	26.79	146	756676	4.46	ug/L	96
66)	1,4-DICHLOROBENZENE	27.00	146	756469	4.44	ug/L	98
67)	N-BUTYLBENZENE	27.31	91	1489164	4.91	ug/L	100
68)	1,2-DICHLOROBENZENE	27.85	146	645096	4.35	ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.65	157	32254	3.02	ug/L	92
70)	1,2,4-TRICHLOROBENZENE	31.93	180	413435	4.27	ug/L	97
71)	HEXACHLOROBUTADIENE	32.24	225	218771	4.75	ug/L	98
72)	NAPHTHALENE	32.78	128	568449	4.28	ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.48	180	335046	4.31	ug/L	95
74)	NITROBENZENE	29.86	77	125906	30.15	ug/L	96

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

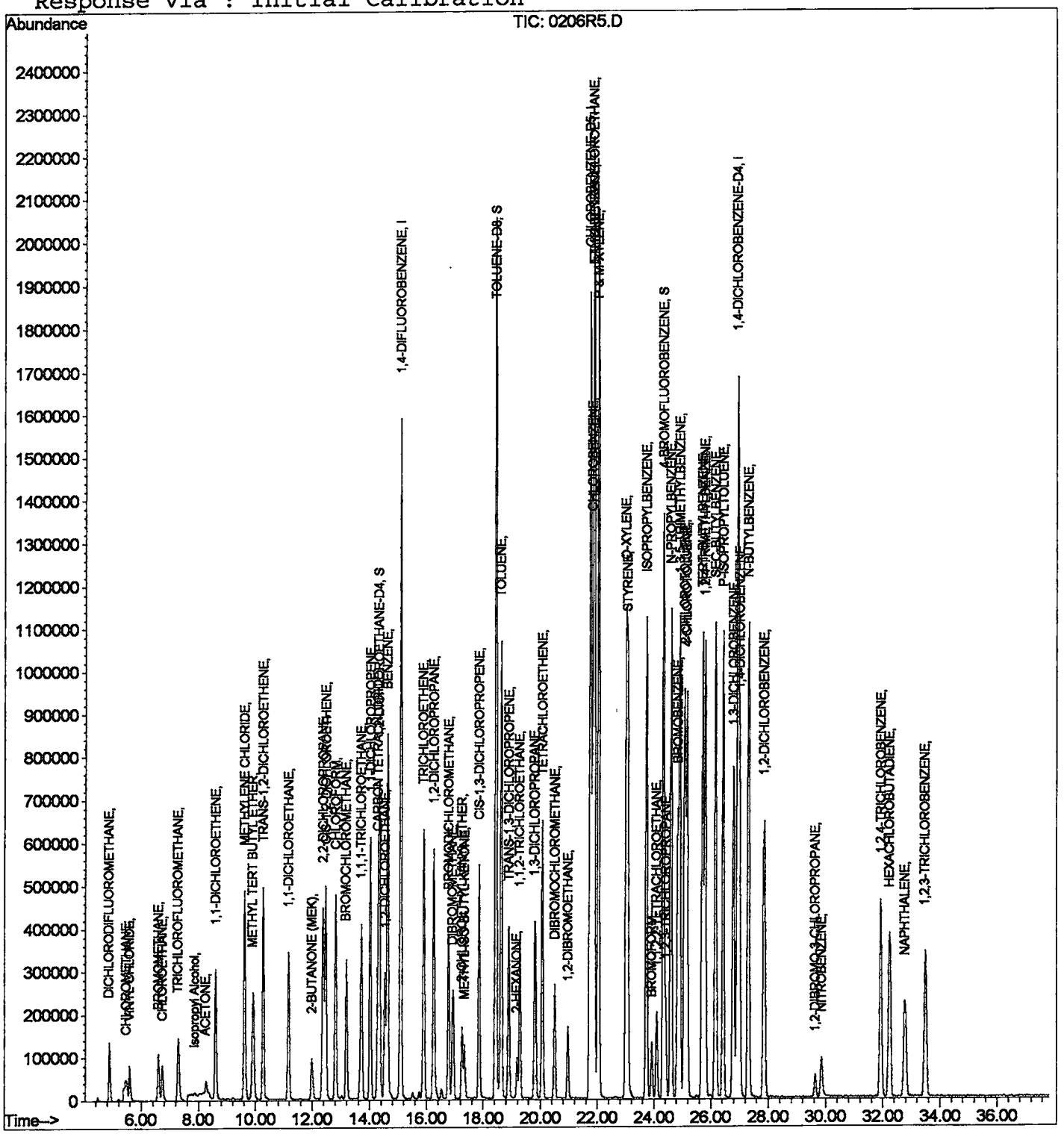
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\0206R5.D
Acq On : 6 Feb 2002 2:59 pm
Sample : ref 5
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 15:37 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:25:04

Sample: AE02089
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/6/02 21:14 Ended: 2/6/02 21:14 Analyst: BH
Result source: a:\2089f.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.3	.5
2	Surr_4-BROMOFLUOROBENZE		4.6	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichiorofluoromethane		< 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: 02/07/2002 Time: 12:25:04

Sample: AE02089
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/6/02 21:14 Ended: 2/6/02 21:14 Analyst: BH
Result source: a:\2089f.rr
Page: 2

	Component Name	Viol	Result	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\02FEB06\2089F.D Vial: 2
Acq On : 6 Feb 2002 5:14 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:12 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1732259	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.76	117	1669242	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	766300	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	638315	4.26	ug/L	0.00
Spiked Amount 5.000			Recovery = 85.20%			
3) 4-BROMOFLUOROBENZENE	24.34	174	616255	4.64	ug/L	-0.02
Spiked Amount 5.000			Recovery = 92.80%			
25) TOLUENE-D8	18.45	98	2122911	5.10	ug/L	-0.02
Spiked Amount 5.000			Recovery = 102.00%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.73	45	5702	63.47	ug/L	61
12) ACETONE	8.27	43	157534	16.86	ug/L	99
14) METHYLENE CHLORIDE	9.61	49	66415	0.82	ug/L	93
18) 2-BUTANONE (MEK)	12.01	43	89625	4.08	ug/L	99
70) 1,2,4-TRICHLOROBENZENE	31.94	180	9735	0.14	ug/L	98
72) NAPHTHALENE	32.80	128	37973	0.39	ug/L	94

LOD

(#) = qualifier out of range (m) = manual integration
2089F.D HP013102.M Wed Feb 06 21:12:55 2002 Page 1

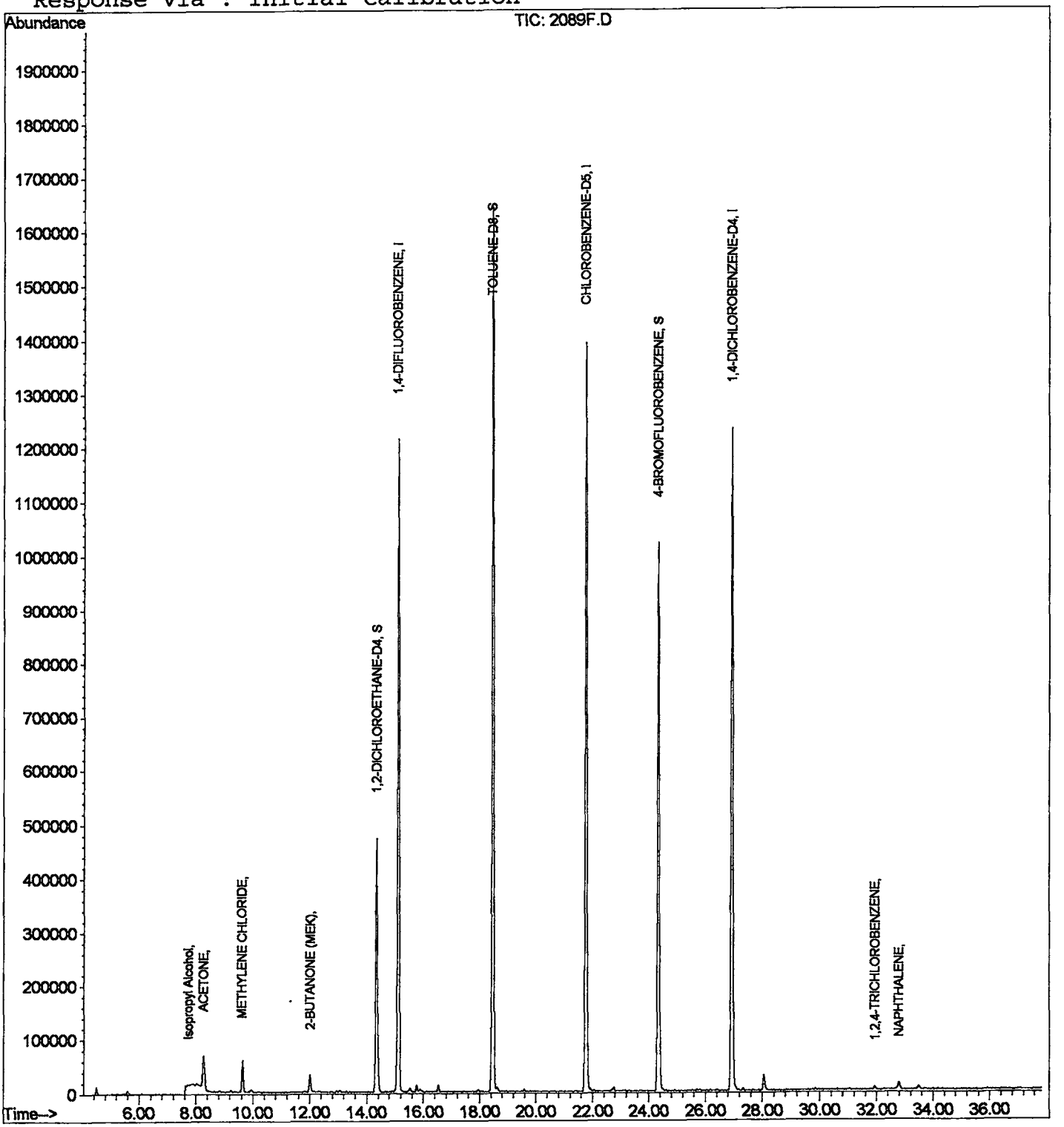
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089F.D
Acq On : 6 Feb 2002 5:14 pm
Sample : fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:12 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089F.D Vial: 2
Acq On : 6 Feb 2002 5:14 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

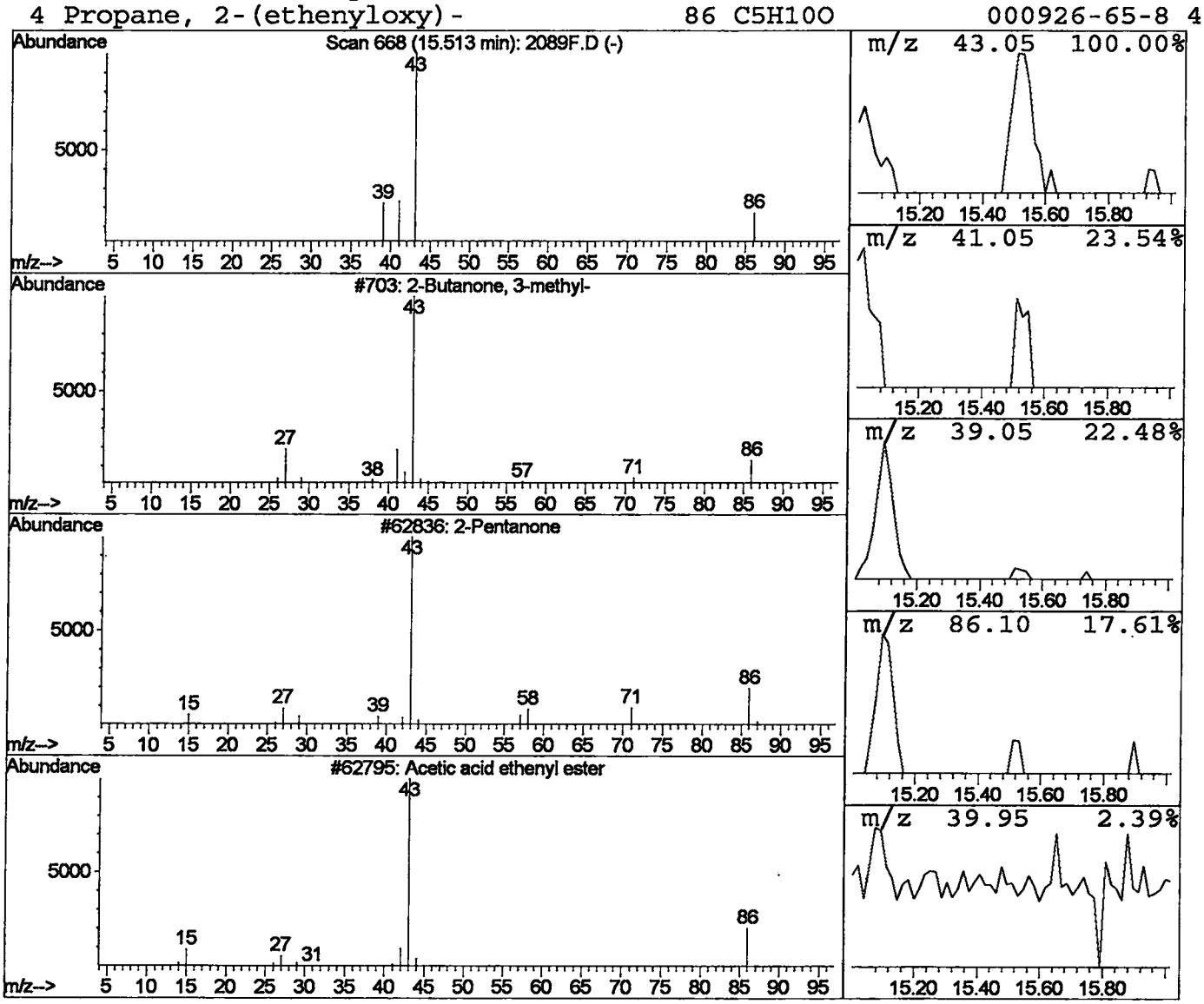
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Butanone, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.03 ug/L	29757	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4
2	2-Pentanone	86	C5H10O	000107-87-9	4
3	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	4
4	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089F.D
Acq On : 6 Feb 2002 5:14 pm
Sample : fb
Misc :
MS Integration Params: LSCINT.P

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

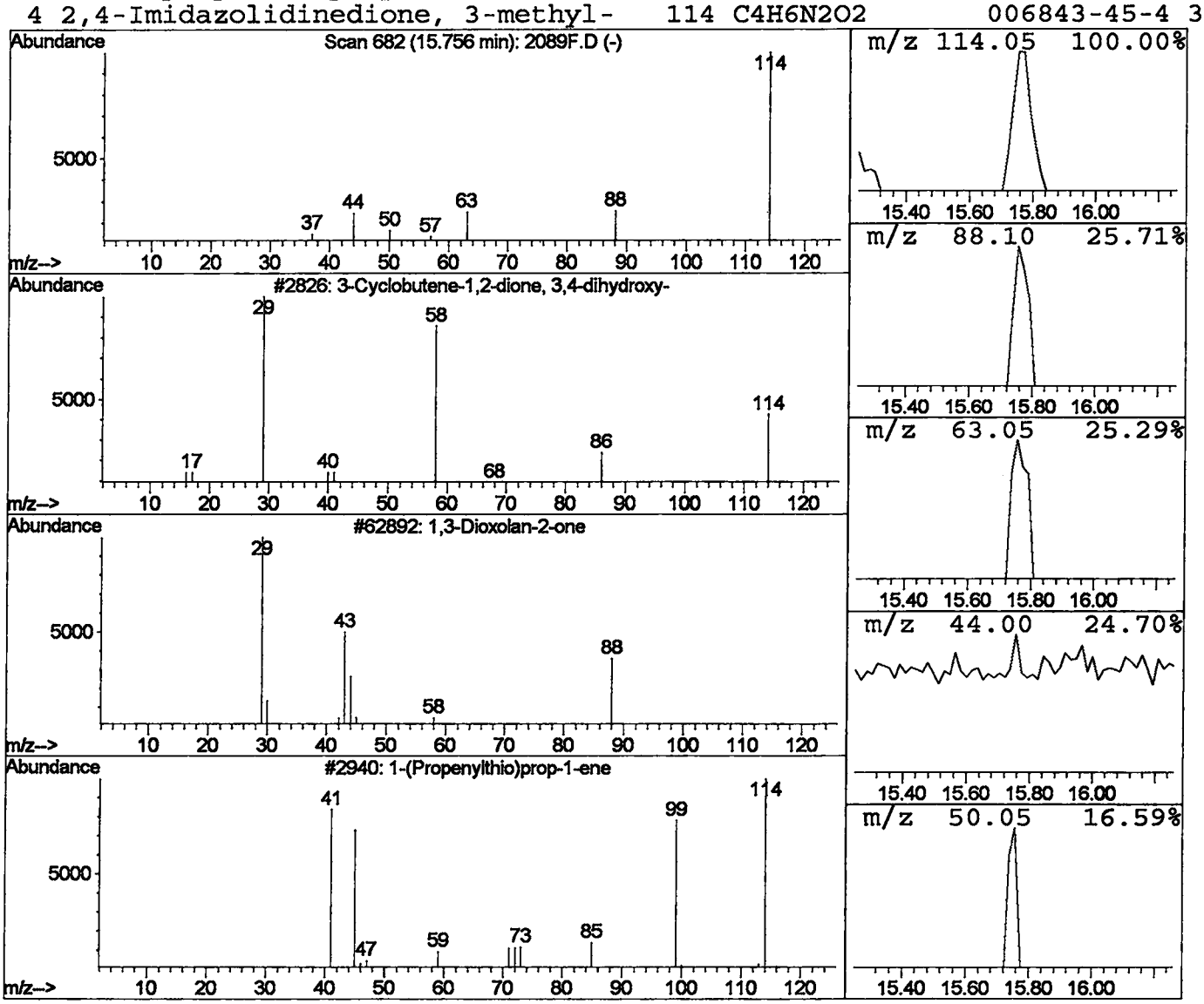
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.04 ug/L	41126	1,4-DIFLUOROBENZENE	15.10

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	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089F.D
Acq On : 6 Feb 2002 5:14 pm
Sample : fb
Misc :
MS Integration Params: LSCINT.P

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

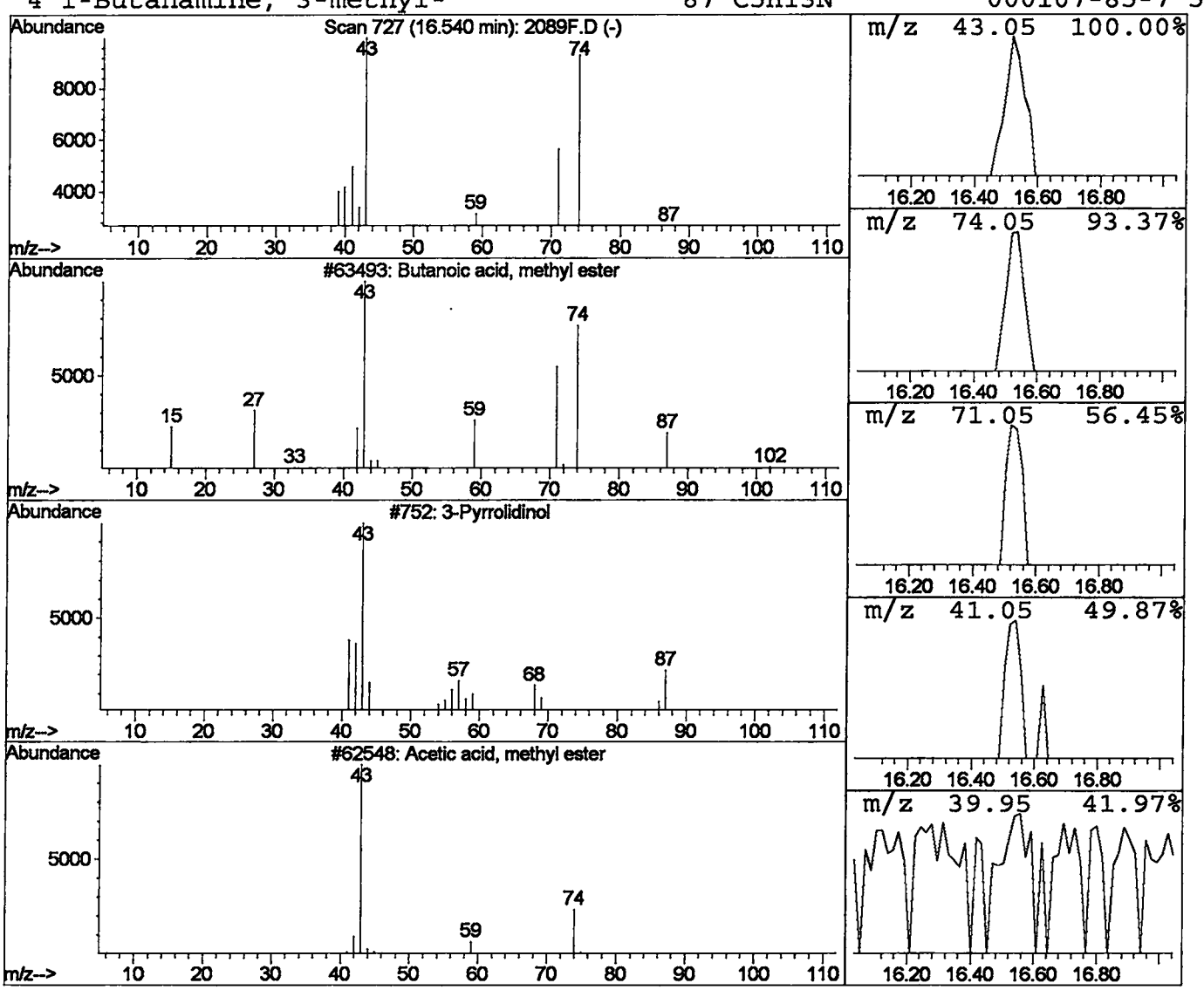
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.06 ug/L	54033	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
2	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
3	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	5
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089F.D Vial: 2
Acq On : 6 Feb 2002 5:14 pm Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

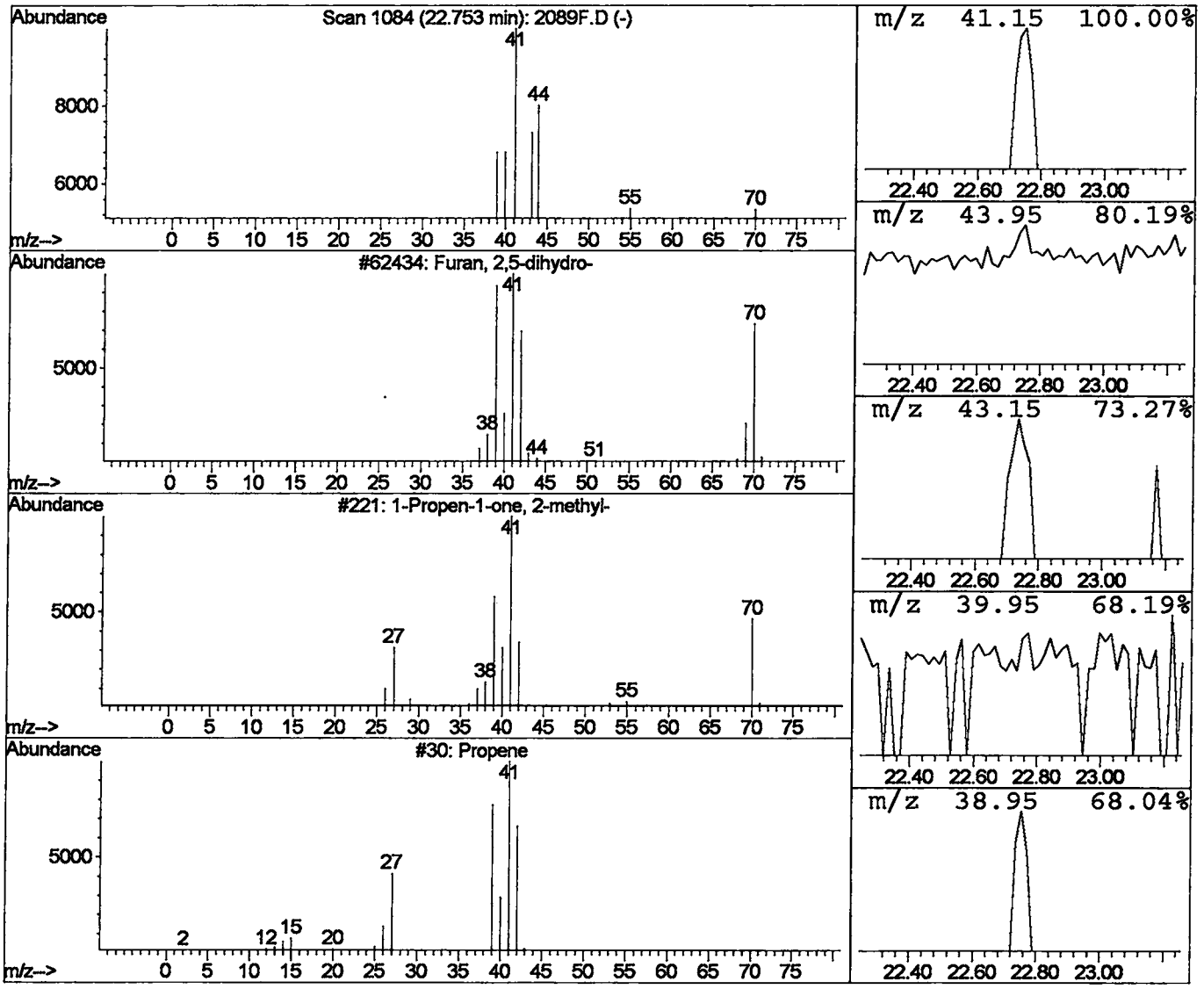
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Furan, 2,5-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	0.03 ug/L	40875	CHLOROBENZENE-D5	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	43
2	1-Propen-1-one, 2-methyl-	70	C4H6O	000598-26-5	37
3	Propene	42	C3H6	000115-07-1	9
4	2-Butenal	70	C4H6O	004170-30-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089F.D
Acq On : 6 Feb 2002 5:14 pm
Sample : fb
Misc :
MS Integration Params: LSCINT.P

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

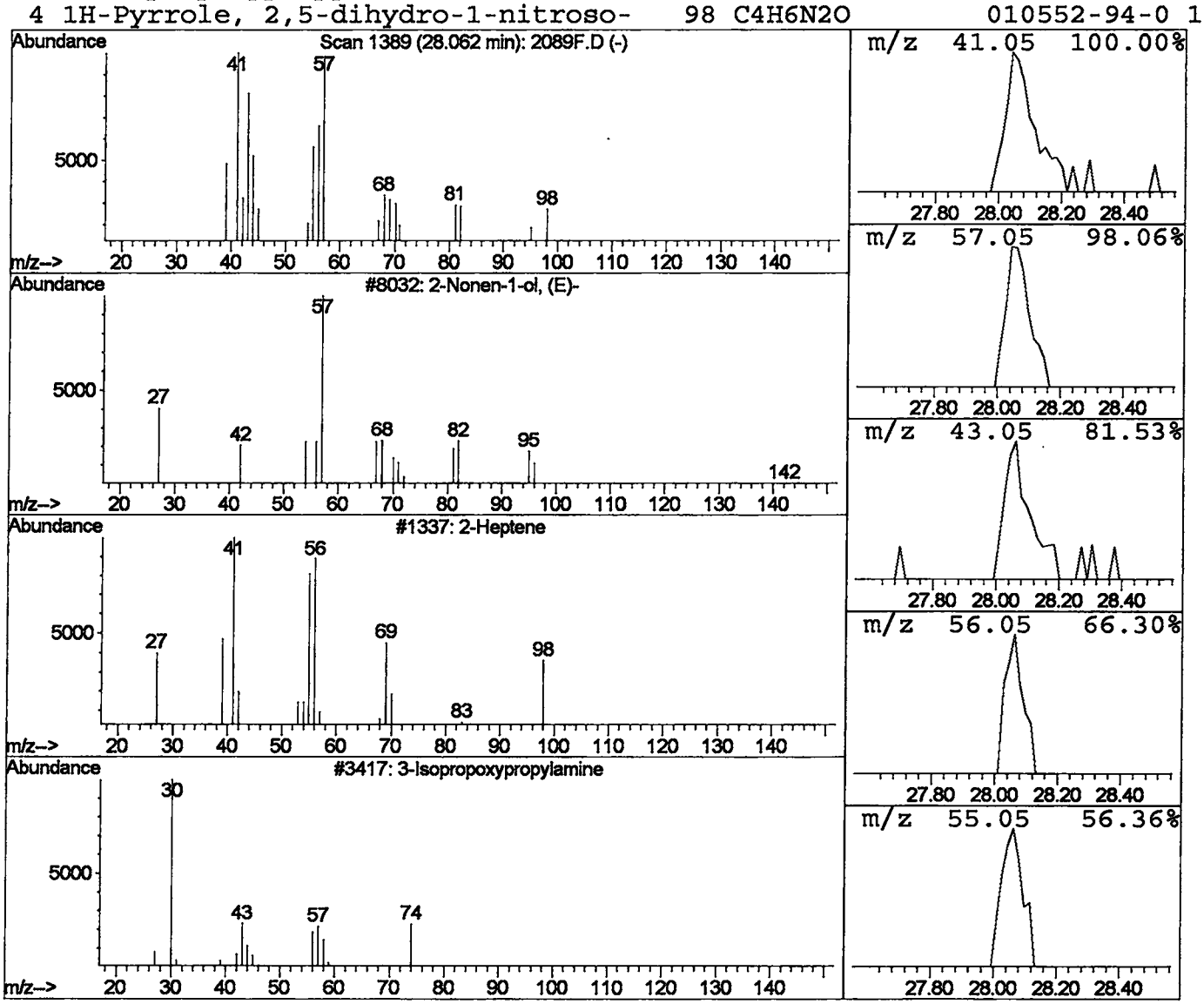
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Nonen-1-ol, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.06	0.14 ug/L	148440	1,4-DICHLOROBENZENE-D4	26.93

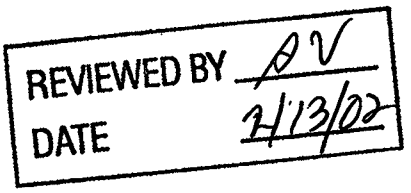
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	25
2	2-Heptene	98	C7H14	000592-77-8	25
3	3-Isopropoxypropylamine	117	C6H15NO	002906-12-9	12
4	1H-Pyrrole, 2,5-dihydro-1-nitroso-	98	C4H6N2O	010552-94-0	12



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:25:36

Sample: AE02089
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:12 Ended: 2/6/02 21:12 Analyst: BH
Result source: a:\2089.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.4	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5	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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:25:36

Sample: AE02089
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:12 Ended: 2/6/02 21:12 Analyst: BH
Result source: a:\2089.rr
Page: 2

	Component Name	Viol	Result	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\02FEB06\2089.D Vial: 3
Acq On : 6 Feb 2002 5:57 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:10 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1121711	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1077834	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	485785	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	423045	4.36	ug/L	0.00
Spiked Amount 5.000			Recovery = 87.20%			
3) 4-BROMOFLUOROBENZENE	24.34	174	387933	4.51	ug/L	-0.02
Spiked Amount 5.000			Recovery = 90.20%			
25) TOLUENE-D8	18.46	98	1362471	5.06	ug/L	-0.02
Spiked Amount 5.000			Recovery = 101.20%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.82	45	5538	~~95.19~~	ug/L	78
12) ACETONE	8.27	43	90078	14.89	ug/L	96
14) METHYLENE CHLORIDE	9.63	49	42830	~~0.82 ug/L~~		96
18) 2-BUTANONE (MEK)	12.02	43	67339	4.73	ug/L	99

acetone in FB 17
∴ not reported

(#) = qualifier out of range (m) = manual integration
2089.D HP013102.M Wed Feb 06 21:10:21 2002 Page 1

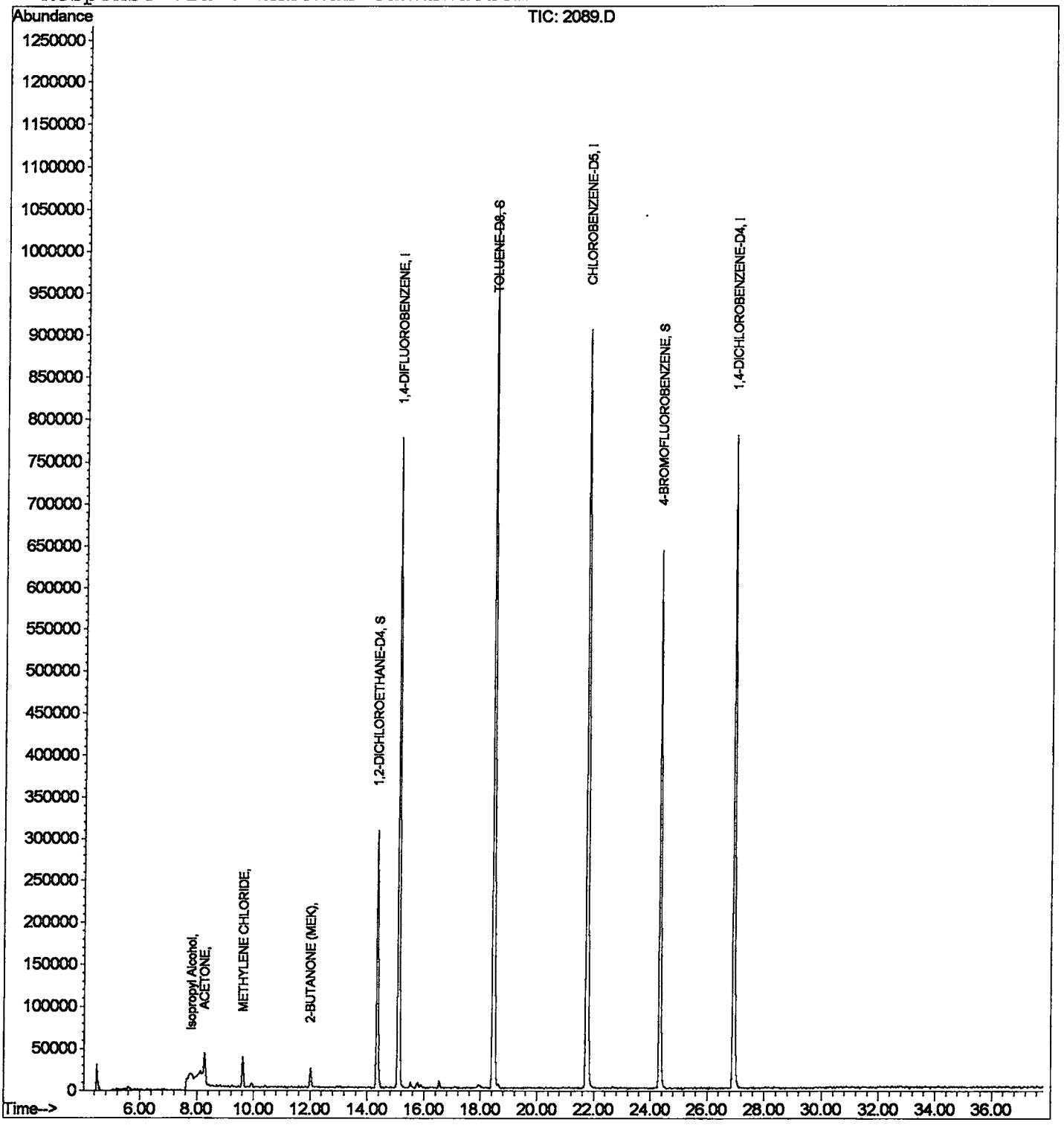
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089.D
Acq On : 6 Feb 2002 5:57 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:10 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089.D
Acq On : 6 Feb 2002 5:57 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

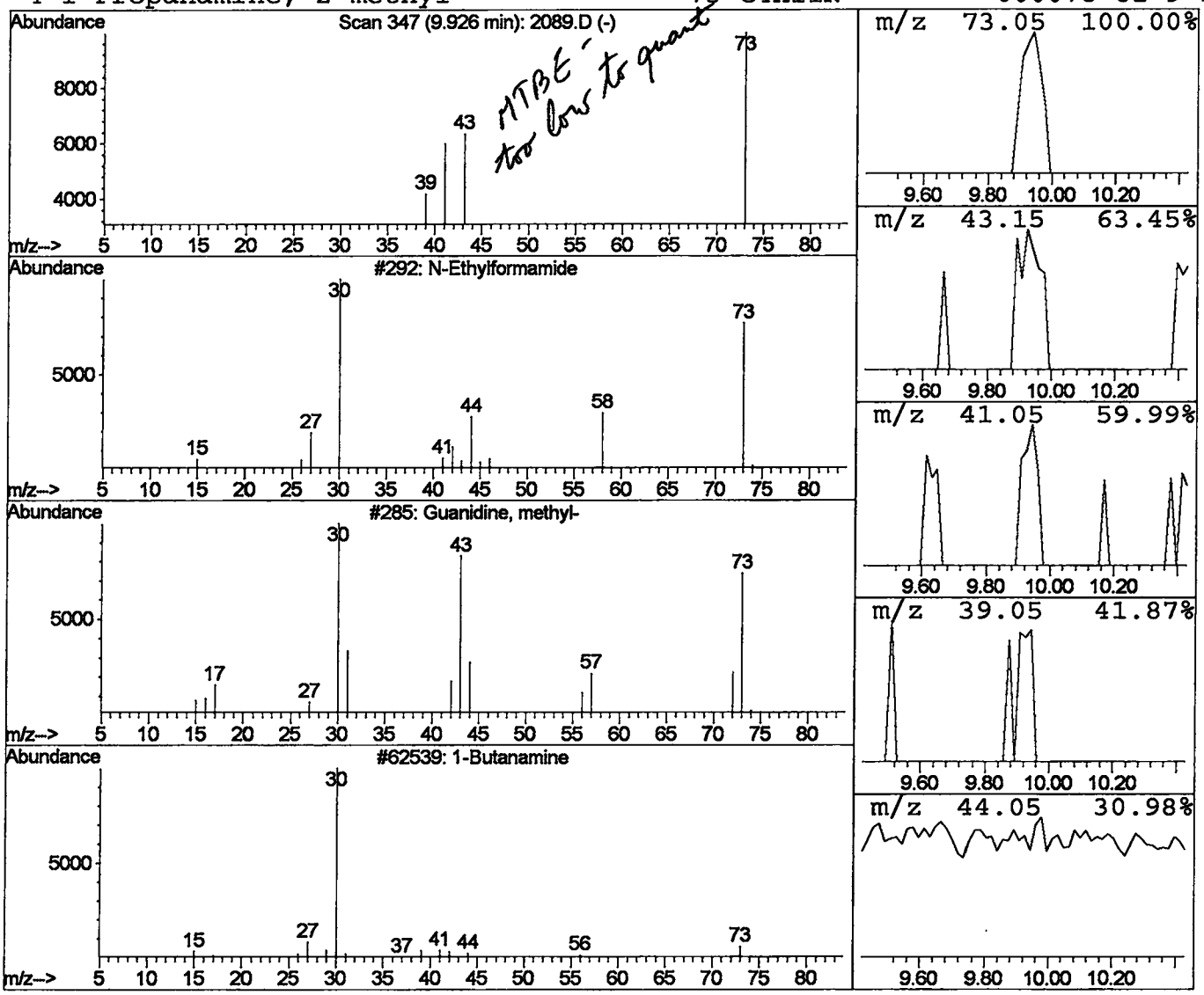
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	0.04 ug/L	25400	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	4
2	Guanidine, methyl-	73	C2H7N3	000471-29-4	4
3	1-Butanamine	73	C4H11N	000109-73-9	4
4	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089.D
Acq On : 6 Feb 2002 5:57 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

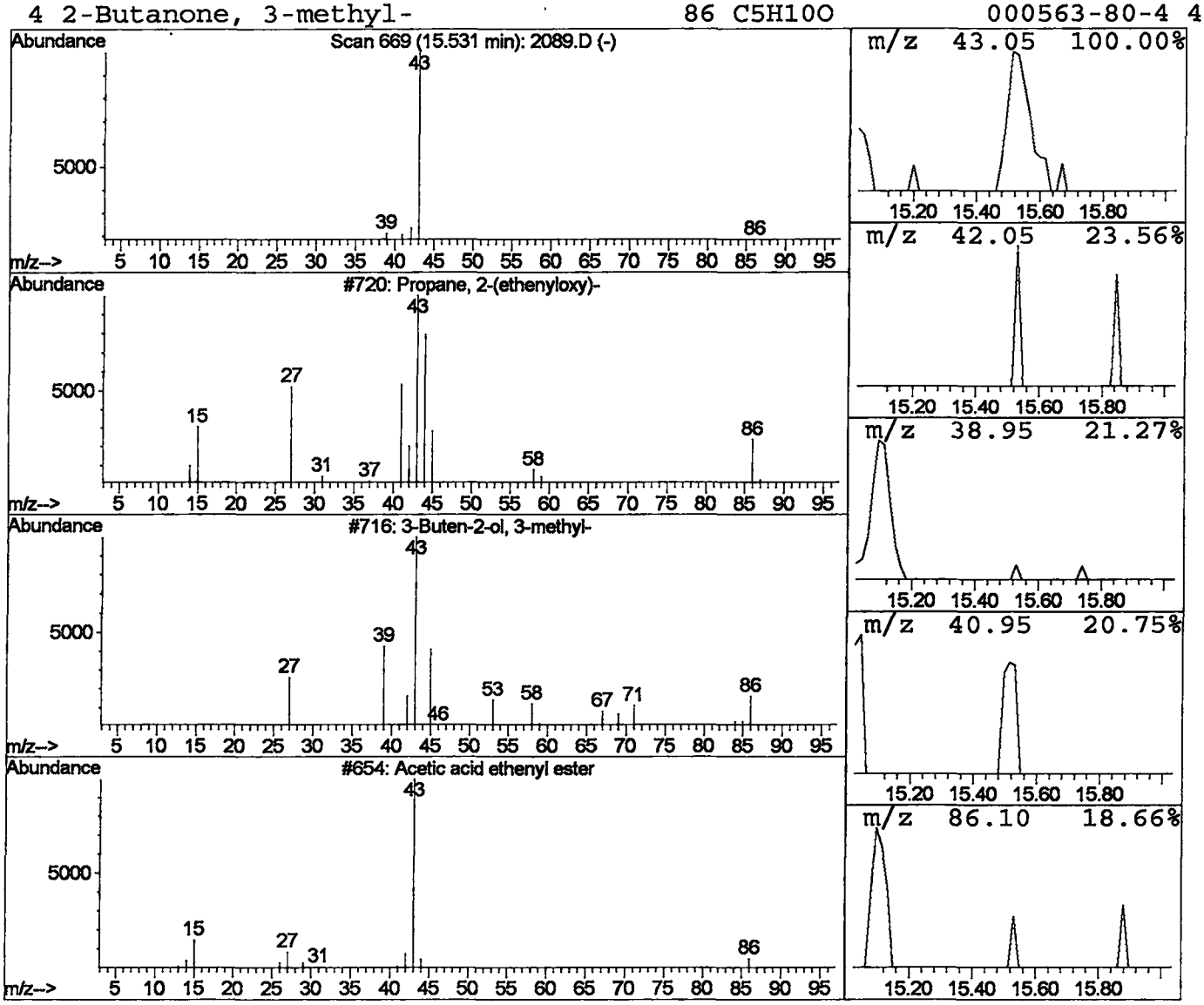
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propane, 2-(ethenyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	25905	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	7
2	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	5
3	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	4
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089.D
Acq On : 6 Feb 2002 5:57 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

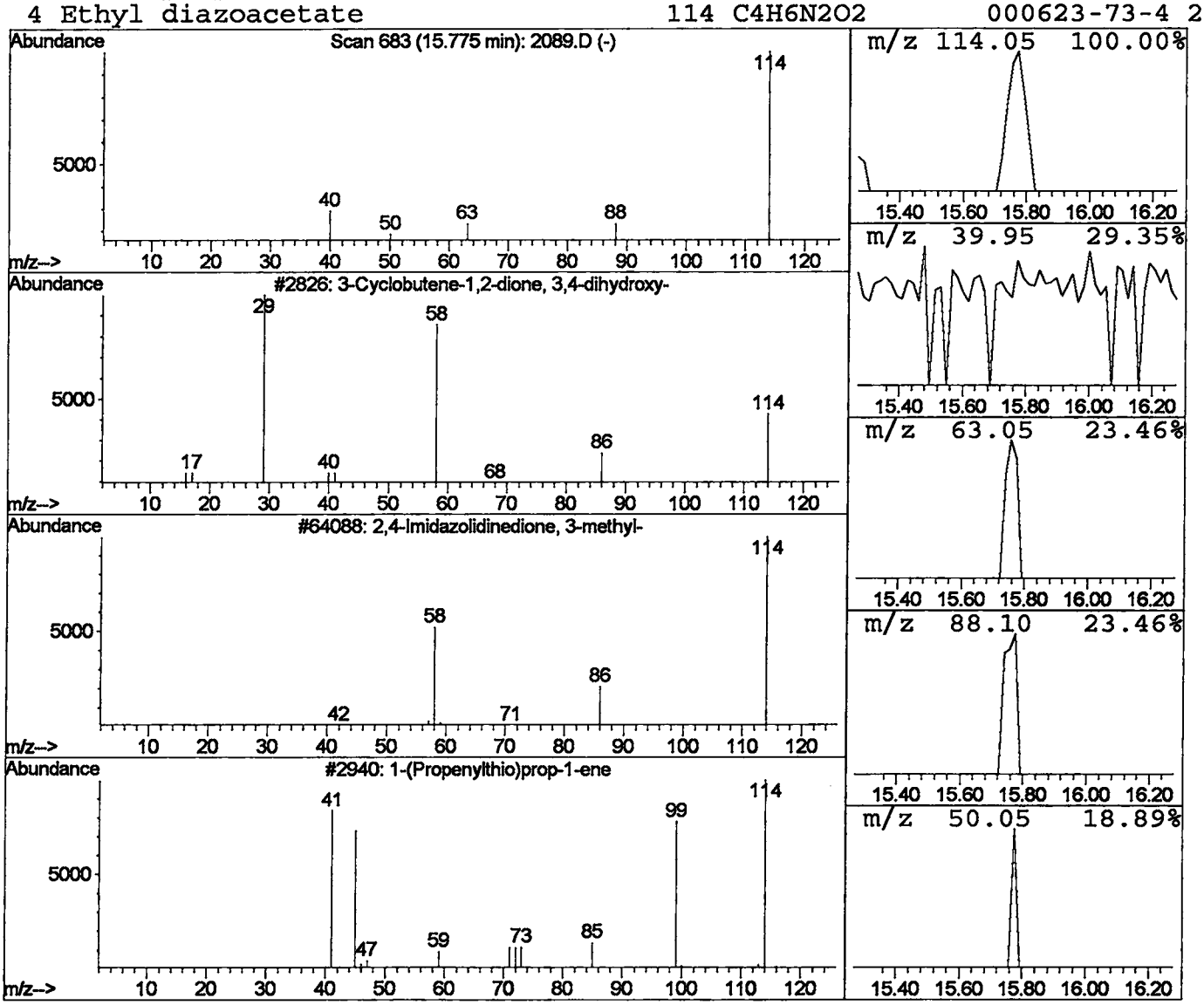
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.05 ug/L	32675	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	7
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089.D
Acq On : 6 Feb 2002 5:57 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

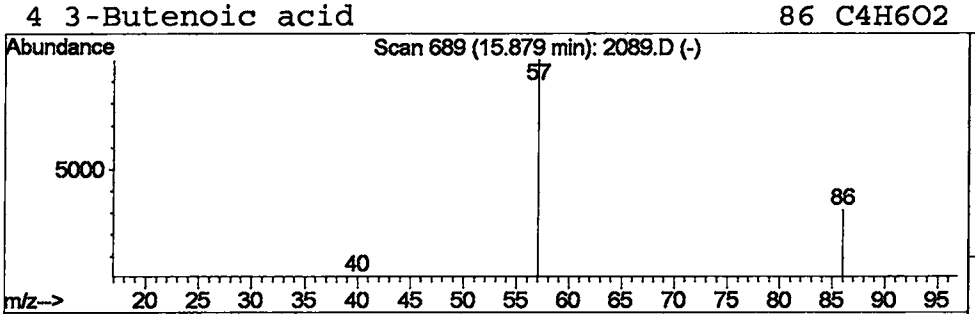
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

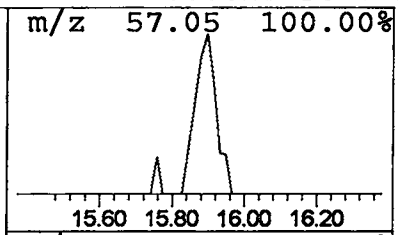
****

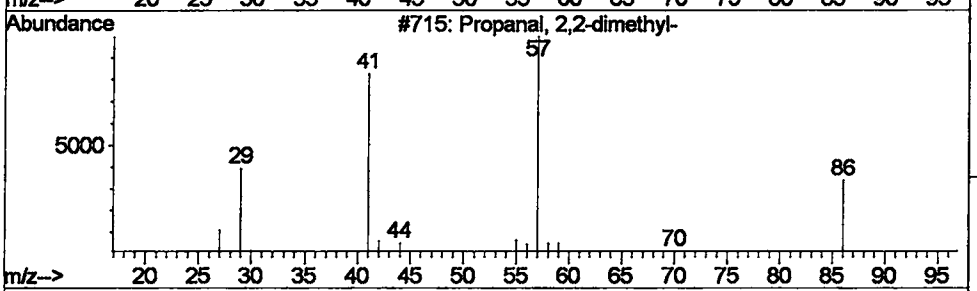
Peak Number 4 Propanal, 2,2-dimethyl- Concentration Rank 5

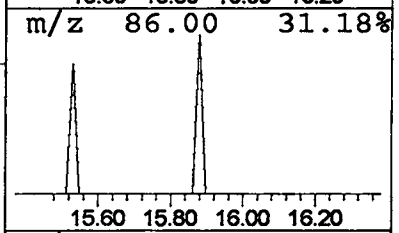
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	17567	1,4-DIFLUOROBENZENE	15.11

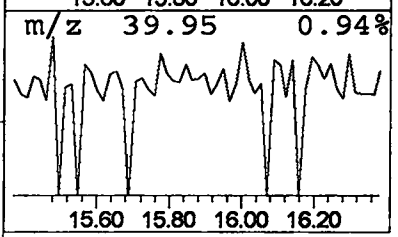
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	4
2	Isocrotonic acid	86	C4H6O2	000503-64-0	2
3	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	2
4	3-Butenoic acid	86	C4H6O2	000625-38-7	2

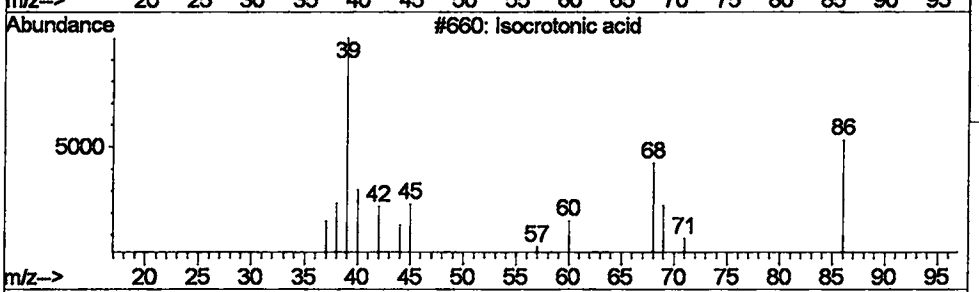


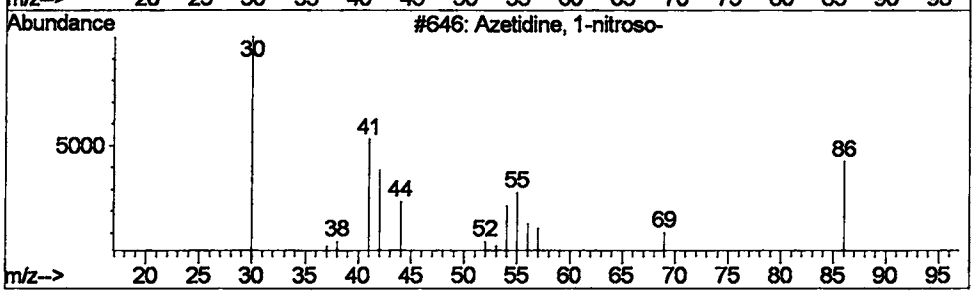












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2089.D Vial: 3
Acq On : 6 Feb 2002 5:57 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

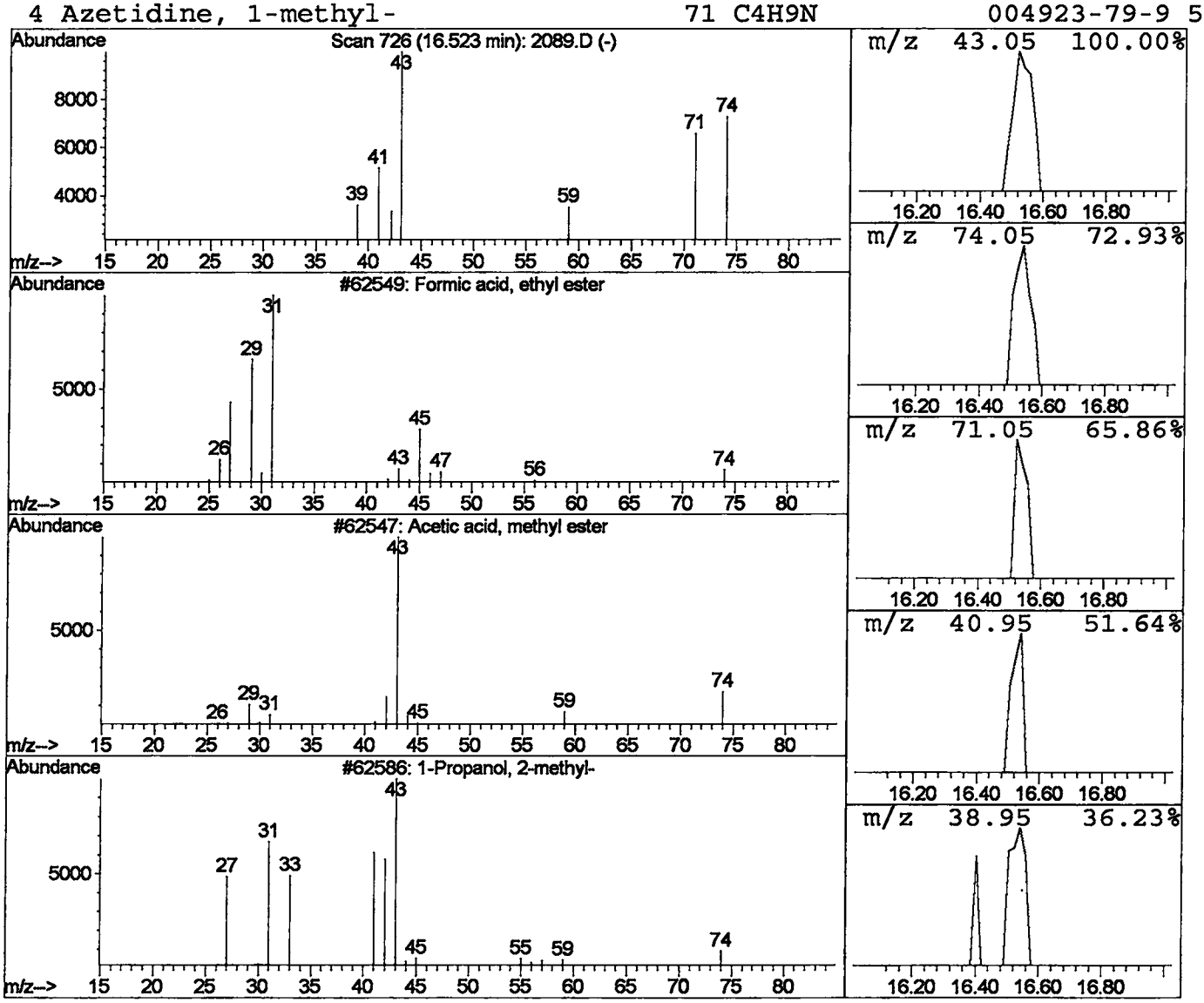
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Formic acid, ethyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.05 ug/L	28315	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	5
2	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	5
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	5
4	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:26:19

Sample: AE02090
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:17 Ended: 2/6/02 21:17 Analyst: BH
Result source: a:\2090.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5	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 RV
DATE 2/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:26:19

Sample: AE02090
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:17 Ended: 2/6/02 21:17 Analyst: BH
Result source: a:\2090.rr
Page: 2

	Component Name	Viol	Result	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\02FEB06\2090.D Vial: 4
Acq On : 6 Feb 2002 6:40 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:15 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1742154	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.76	117	1695038	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	766849	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	674548	4.47	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.40%			
3) 4-BROMOFLUOROBENZENE	24.34	174	601756	4.50	ug/L	-0.02
Spiked Amount 5.000			Recovery = 90.00%			
25) TOLUENE-D8	18.45	98	2131569	5.04	ug/L	-0.02
Spiked Amount 5.000			Recovery = 100.80%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.85	45	2669	29.54	ug/L	81
12) ACETONE	8.25	43	72044	7.67	ug/L	95
14) METHYLENE CHLORIDE	9.61	49	67412	0.83	ug/L	93
18) 2-BUTANONE (MEK)	12.01	43	100312	4.54	ug/L	100

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

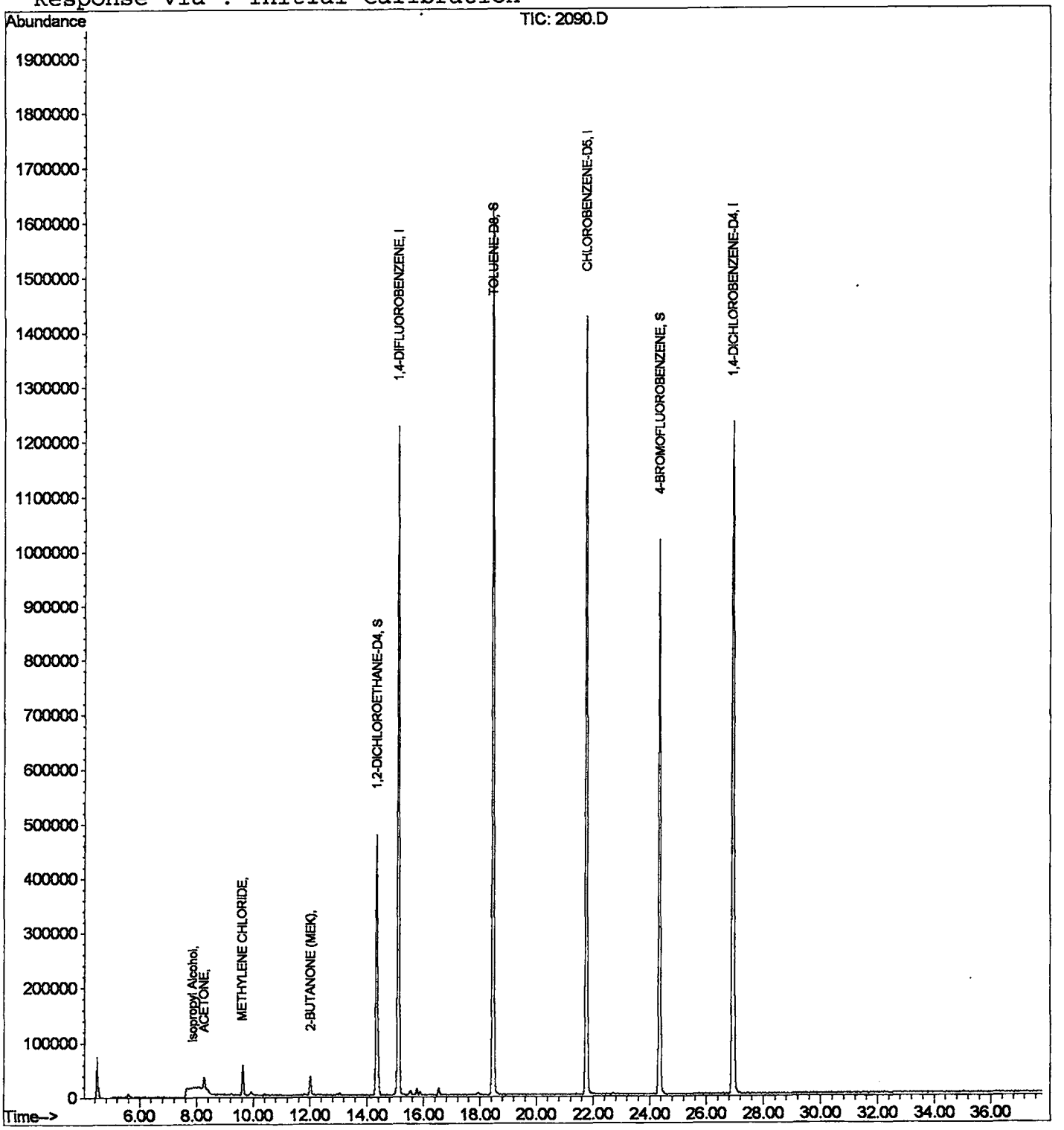
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2090.D
Acq On : 6 Feb 2002 6:40 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:15 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2090.D
Acq On : 6 Feb 2002 6:40 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

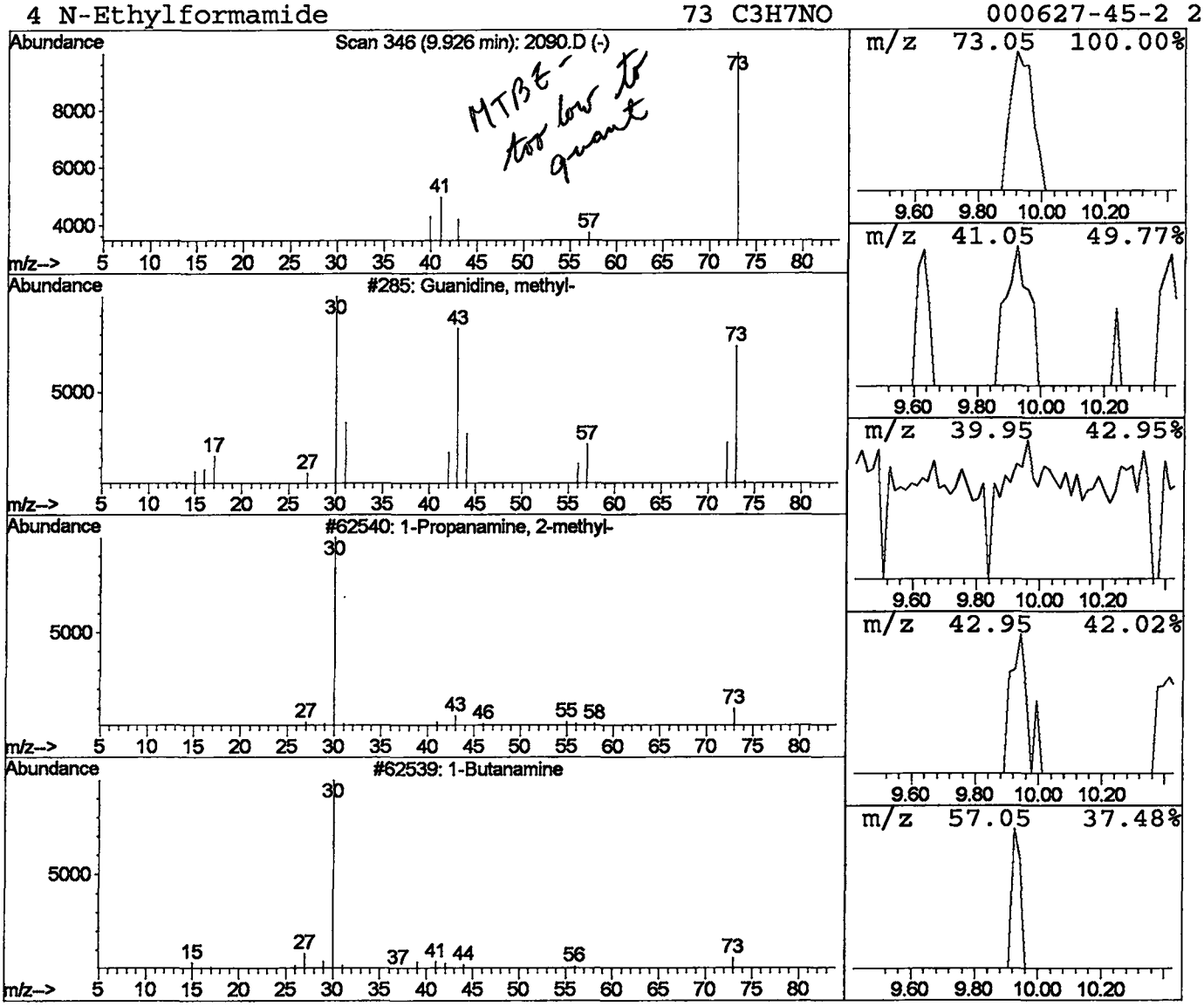
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Guanidine, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	0.04 ug/L	39410	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine, methyl-	73	C2H7N3	000471-29-4	3
2	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	3
3	1-Butanamine	73	C4H11N	000109-73-9	3
4	N-Ethylformamide	73	C3H7NO	000627-45-2	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2090.D
Acq On : 6 Feb 2002 6:40 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

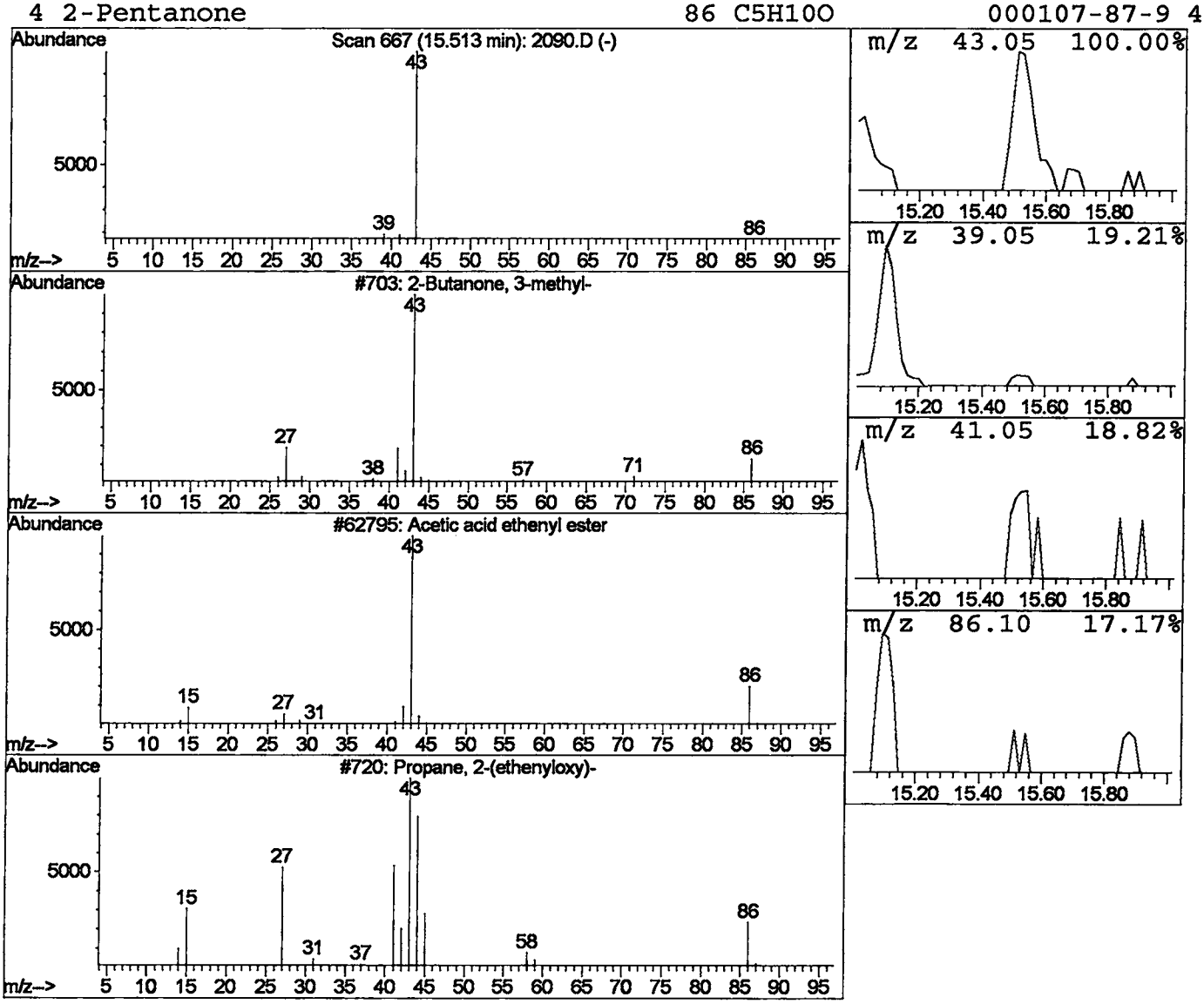
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.04 ug/L	38926	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4
2	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	4
3	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	4
4	2-Pentanone	86	C5H10O	000107-87-9	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2090.D
Acq On : 6 Feb 2002 6:40 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

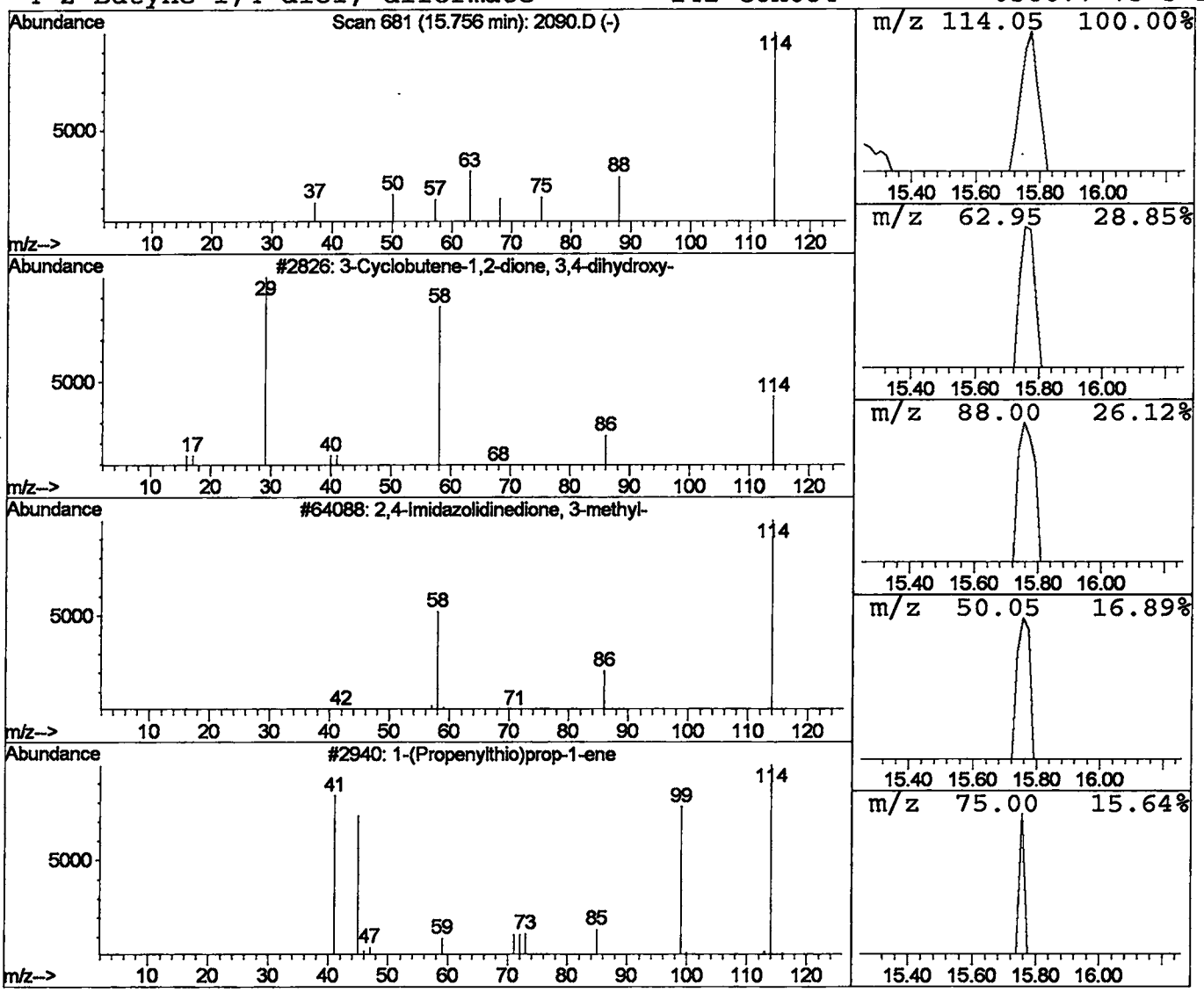
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.05 ug/L	46463	1,4-DIFLUOROBENZENE	15.10

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	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2090.D
Acq On : 6 Feb 2002 6:40 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

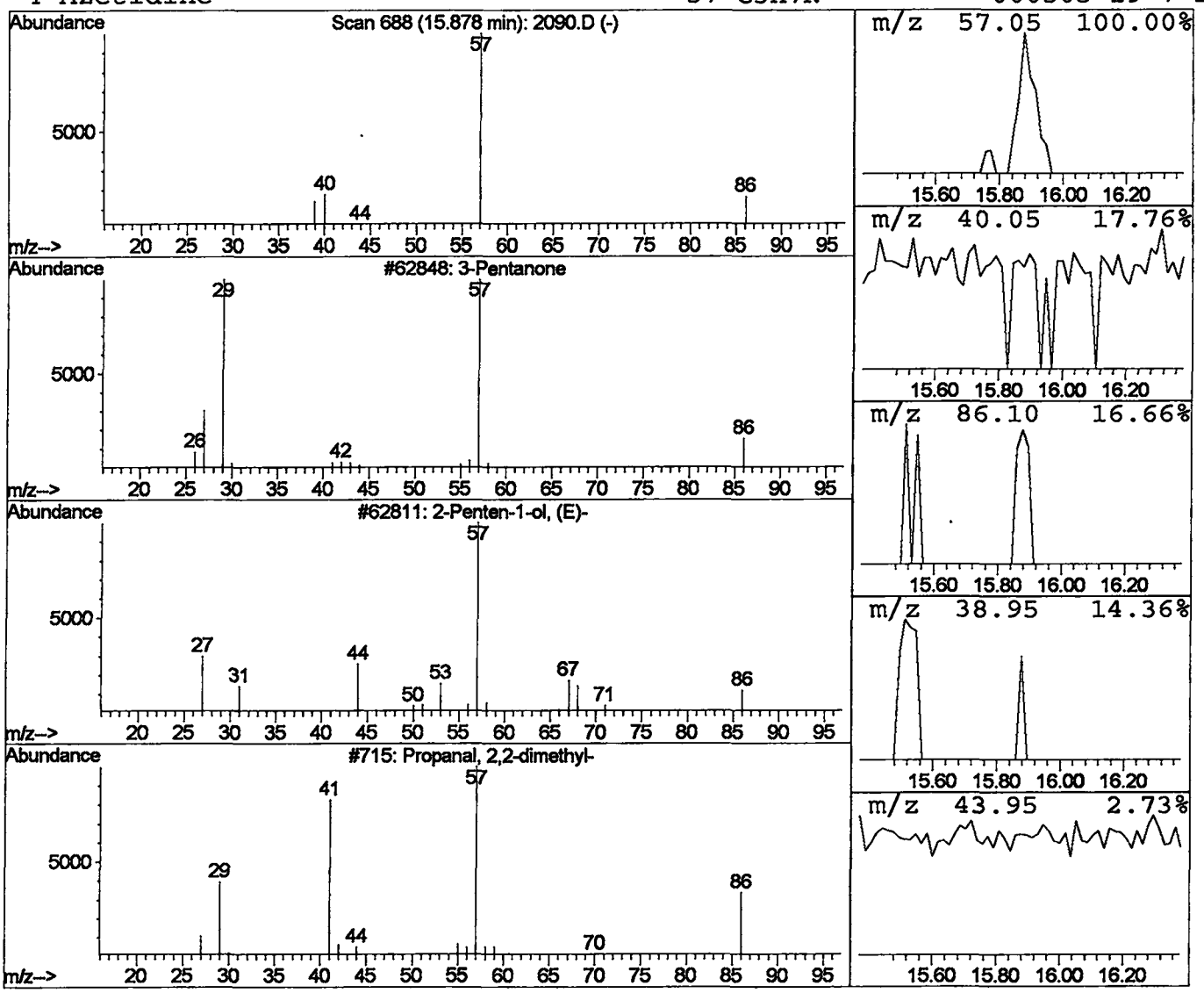
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Pentanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	30856	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	5
2	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4
3	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	3
4	Azetidine	57	C3H7N	000503-29-7	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2090.D
Acq On : 6 Feb 2002 6:40 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

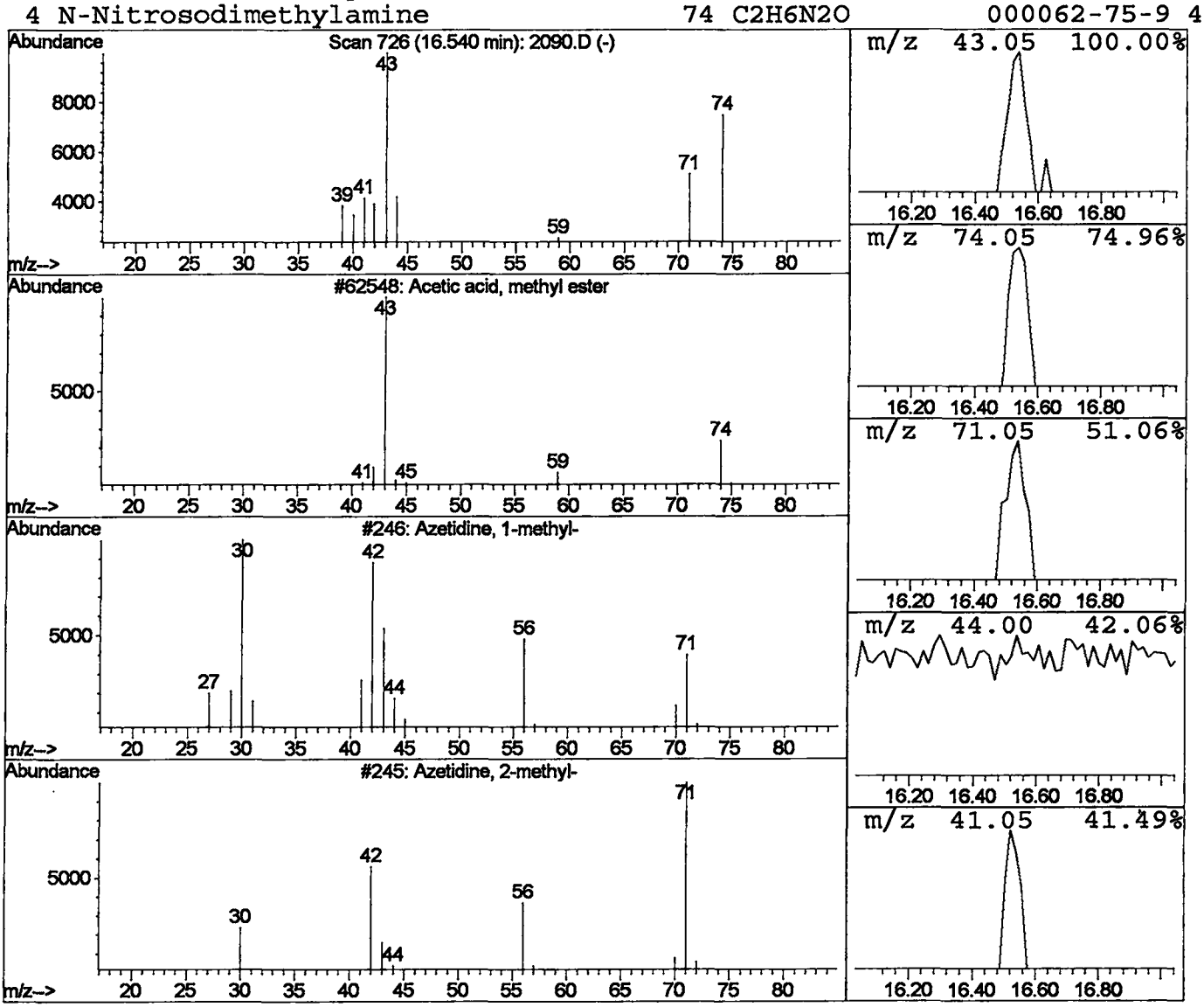
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.06 ug/L	53617	1,4-DIFLUOROBENZENE	15.10

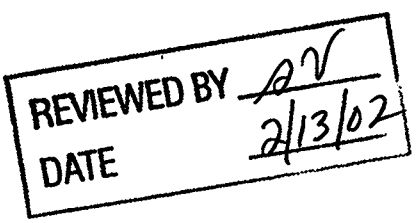
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	5
2	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5
3	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	4
4	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:26:48

Sample: AE02092
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:19 Ended: 2/6/02 21:19 Analyst: BH
Result source: a:\2092.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.6	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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:26:48

Sample: AE02092
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:19 Ended: 2/6/02 21:19 Analyst: BH
Result source: a:\2092.rr
Page: 2

	Component Name	Viol	Result	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\02FEB06\2092.D Vial: 5
Acq On : 6 Feb 2002 7:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:17 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

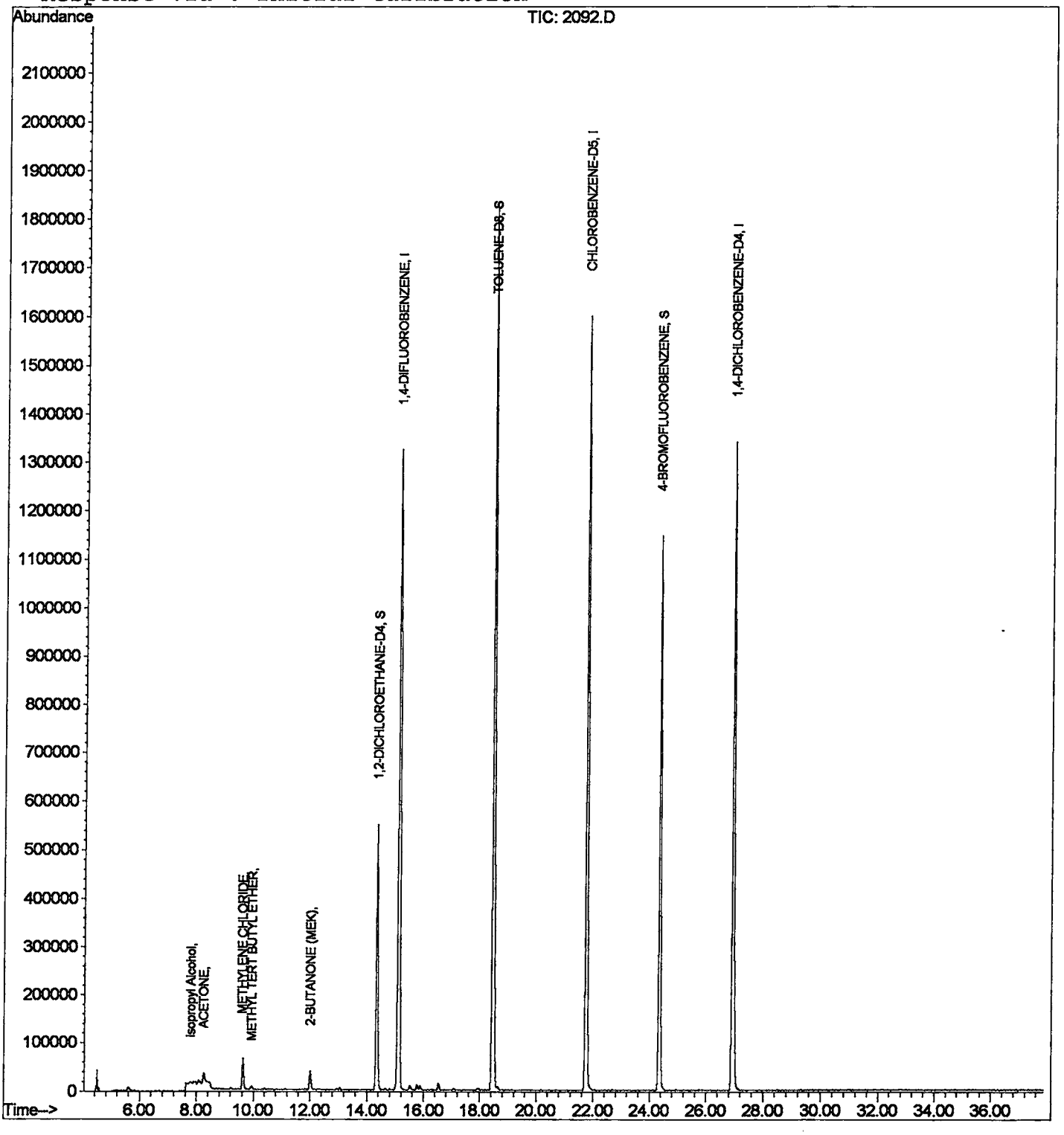
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1930578	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1863573	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	852879	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	749327	4.48	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.60%			
3) 4-BROMOFLUOROBENZENE	24.34	174	683687	4.62	ug/L	-0.02
Spiked Amount 5.000			Recovery = 92.40%			
25) TOLUENE-D8	18.46	98	2362555	5.08	ug/L	-0.02
Spiked Amount 5.000			Recovery = 101.60%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.80	45	2481	24.78	ug/L	64
12) ACETONE	8.26	43	65638	6.30	ug/L	93
14) METHYLENE CHLORIDE	9.61	49	74173	~~0.83~~	~~ug/L~~	95
15) METHYL TERT BUTYL ETHER	9.94	73	11845	0.10	ug/L	83
18) 2-BUTANONE (MEK)	12.01	43	109017	4.45	ug/L	95

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2092.D Vial: 5
Acq On : 6 Feb 2002 7:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:17 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2092.D
Acq On : 6 Feb 2002 7:24 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

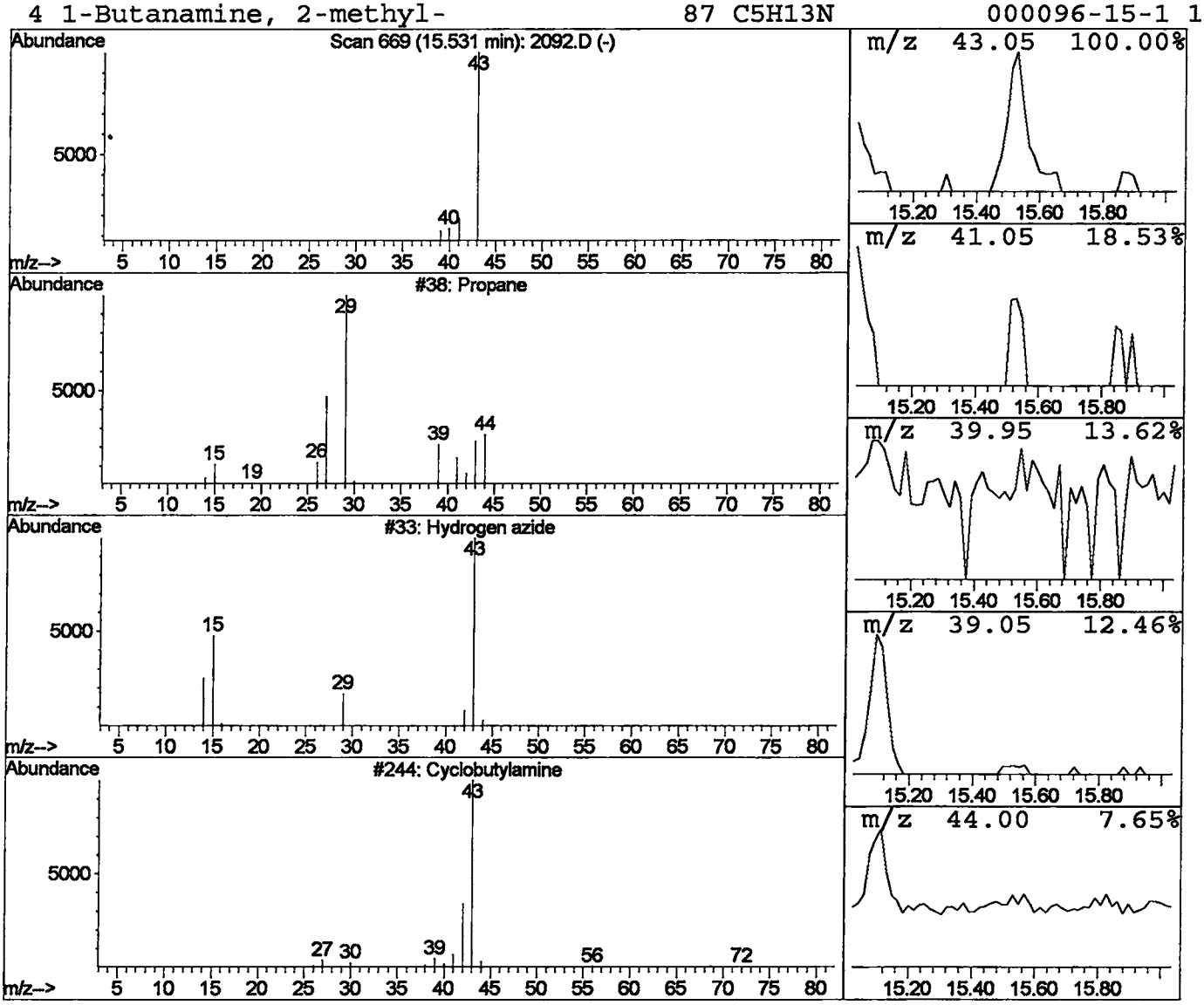
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.05 ug/L	48595	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	2
2	Hydrogen azide	43	HN3	007782-79-8	1
3	Cyclobutylamine	71	C4H9N	002516-34-9	1
4	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2092.D
Acq On : 6 Feb 2002 7:24 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

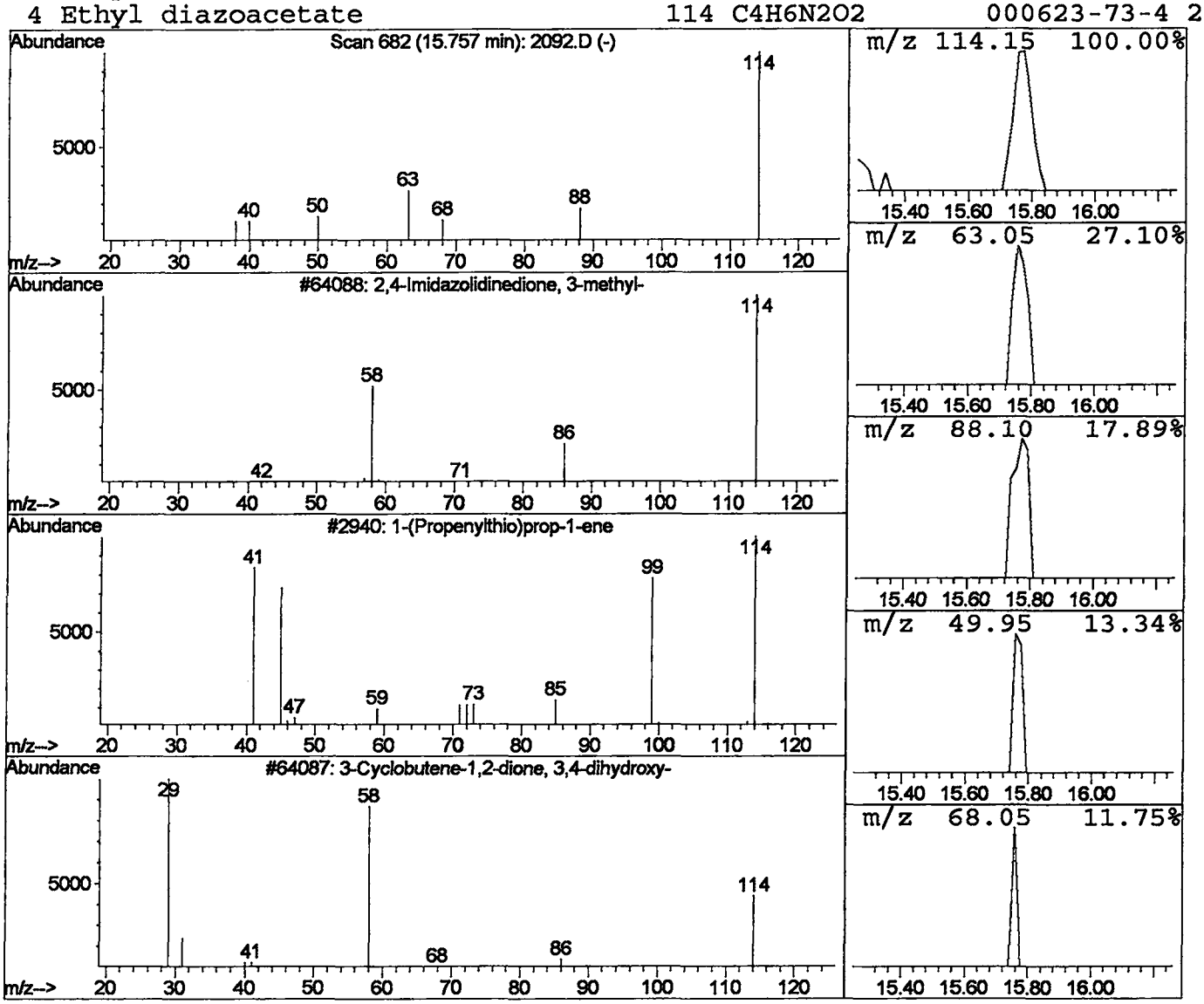
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.05 ug/L	48842	1,4-DIFLUOROBENZENE	15.11

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	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2092.D
Acq On : 6 Feb 2002 7:24 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

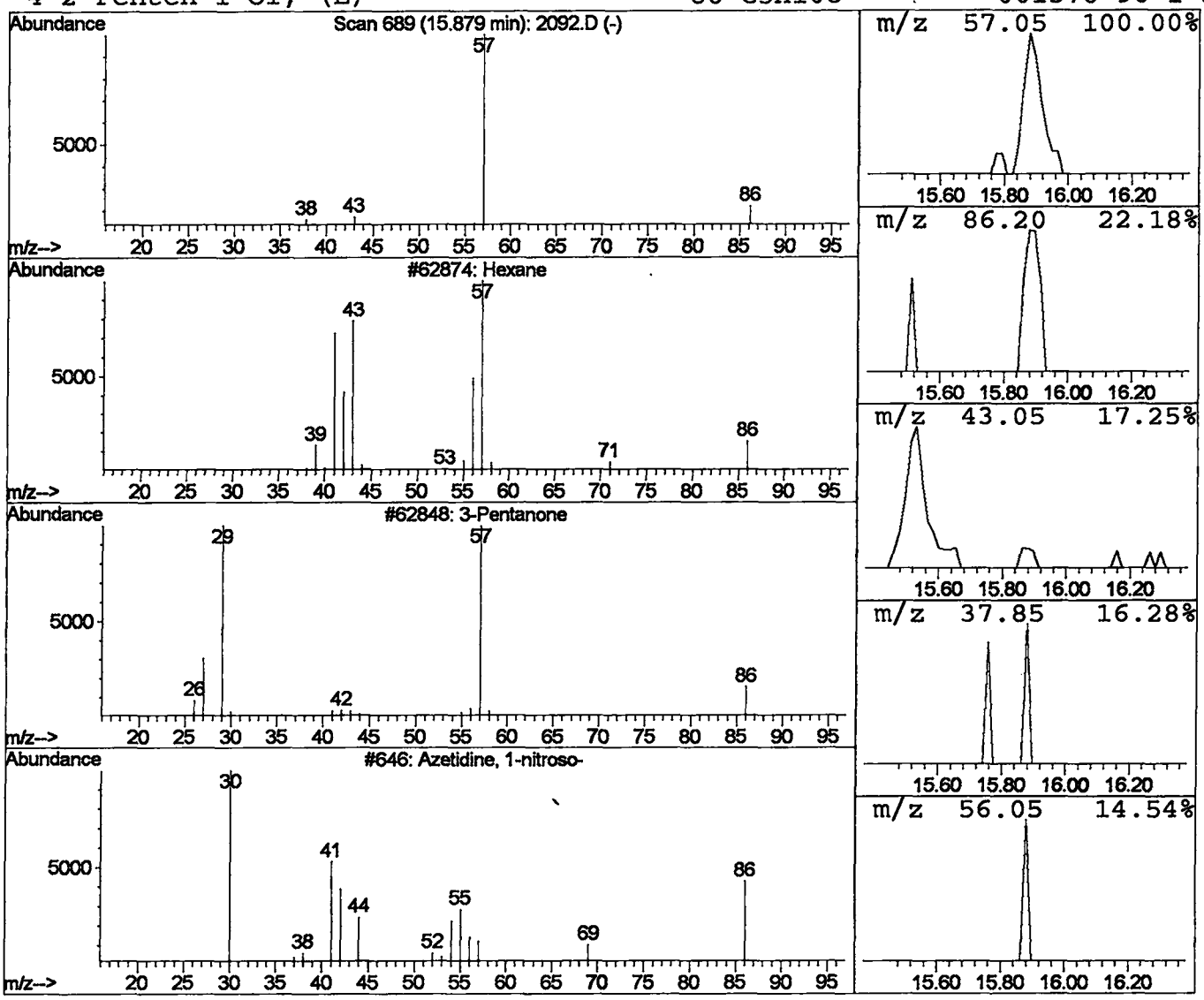
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexane — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	31761	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	5
2	3-Pentanone	86	C5H10O	000096-22-0	4
3	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2092.D
Acq On : 6 Feb 2002 7:24 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

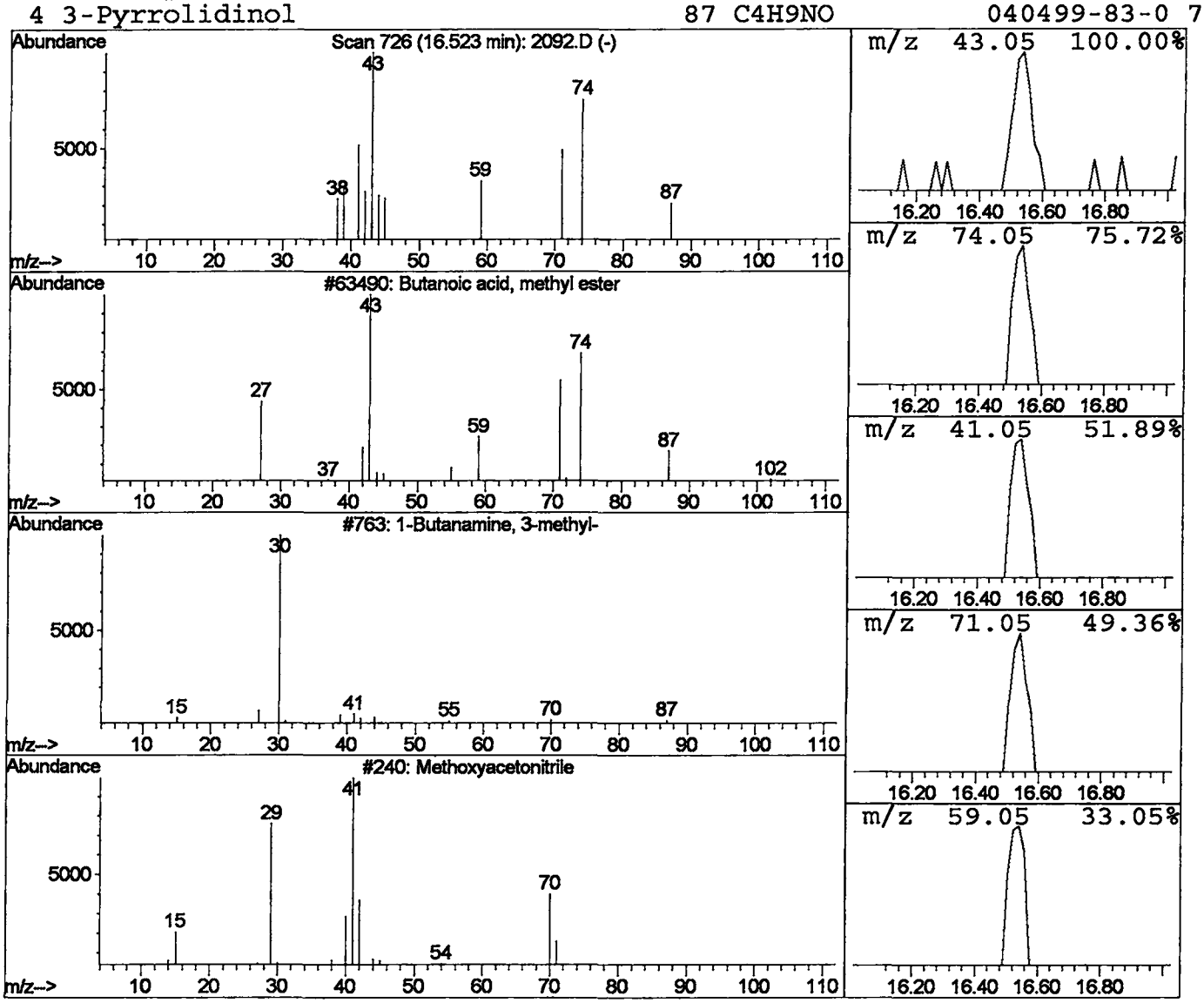
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.05 ug/L	56906	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	38
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
3	Methoxyacetonitrile	71	C3H5NO	001738-36-9	7
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	7



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 14:28:20

Sample: AE02093
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:22 Ended: 2/6/02 21:22 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7		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 DV
DATE 2/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 14:28:20

Sample: AE02093
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:22 Ended: 2/6/02 21:22 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Vial	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\02FEB06\2093.D Vial: 6
Acq On : 6 Feb 2002 8:07 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:20 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1844062	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1798027	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	827705	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	712256	4.46	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.20%			
3) 4-BROMOFLUOROBENZENE	24.34	174	663473	4.69	ug/L	-0.02
Spiked Amount 5.000			Recovery = 93.80%			
25) TOLUENE-D8	18.45	98	2238564	4.99	ug/L	-0.02
Spiked Amount 5.000			Recovery = 99.80%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.82	45	1478	15.45	ug/L	75
12) ACETONE	8.26	43	70276	7.06	ug/L	99
14) METHYLENE CHLORIDE	9.61	49	70187	0.82	ug/L	97
18) 2-BUTANONE (MEK)	12.01	43	106341	4.55	ug/L	97

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

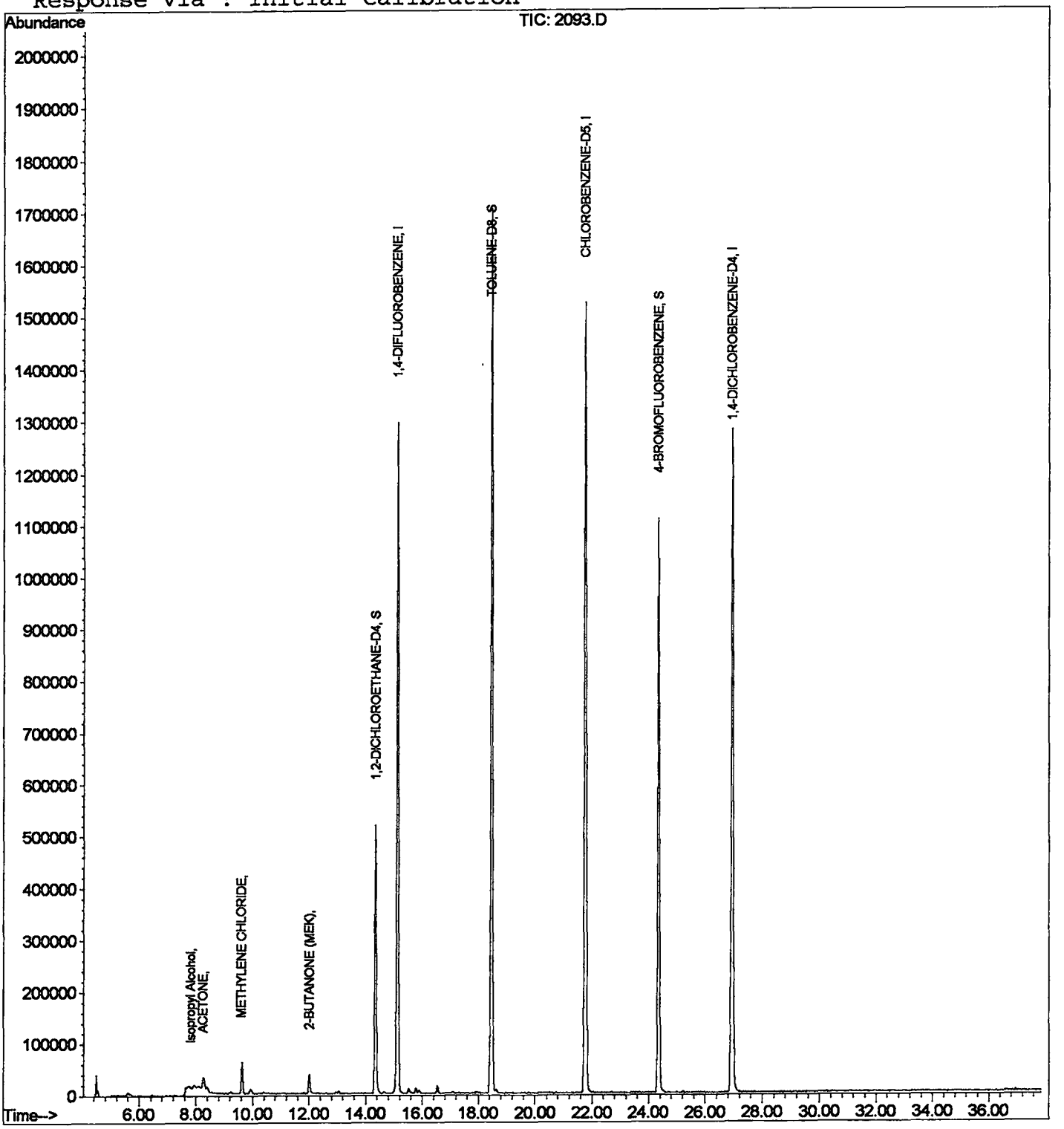
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2093.D
Acq On : 6 Feb 2002 8:07 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:20 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2093.D
Acq On : 6 Feb 2002 8:07 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

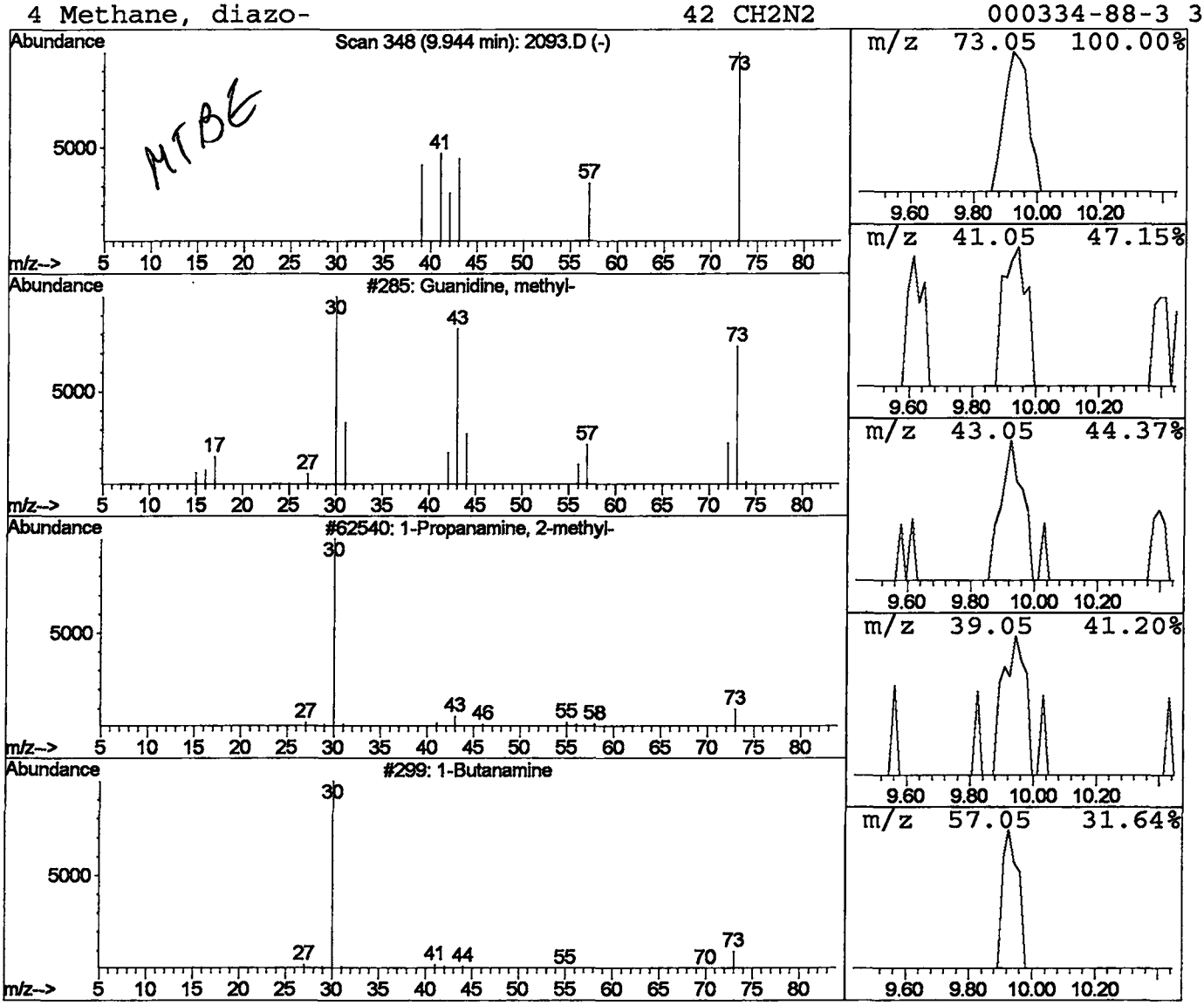
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Guanidine, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	0.04 ug/L	45441	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine, methyl-	73	C2H7N3	000471-29-4	5
2	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	3
3	1-Butanamine	73	C4H11N	000109-73-9	3
4	Methane, diazo-	42	CH2N2	000334-88-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2093.D
Acq On : 6 Feb 2002 8:07 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

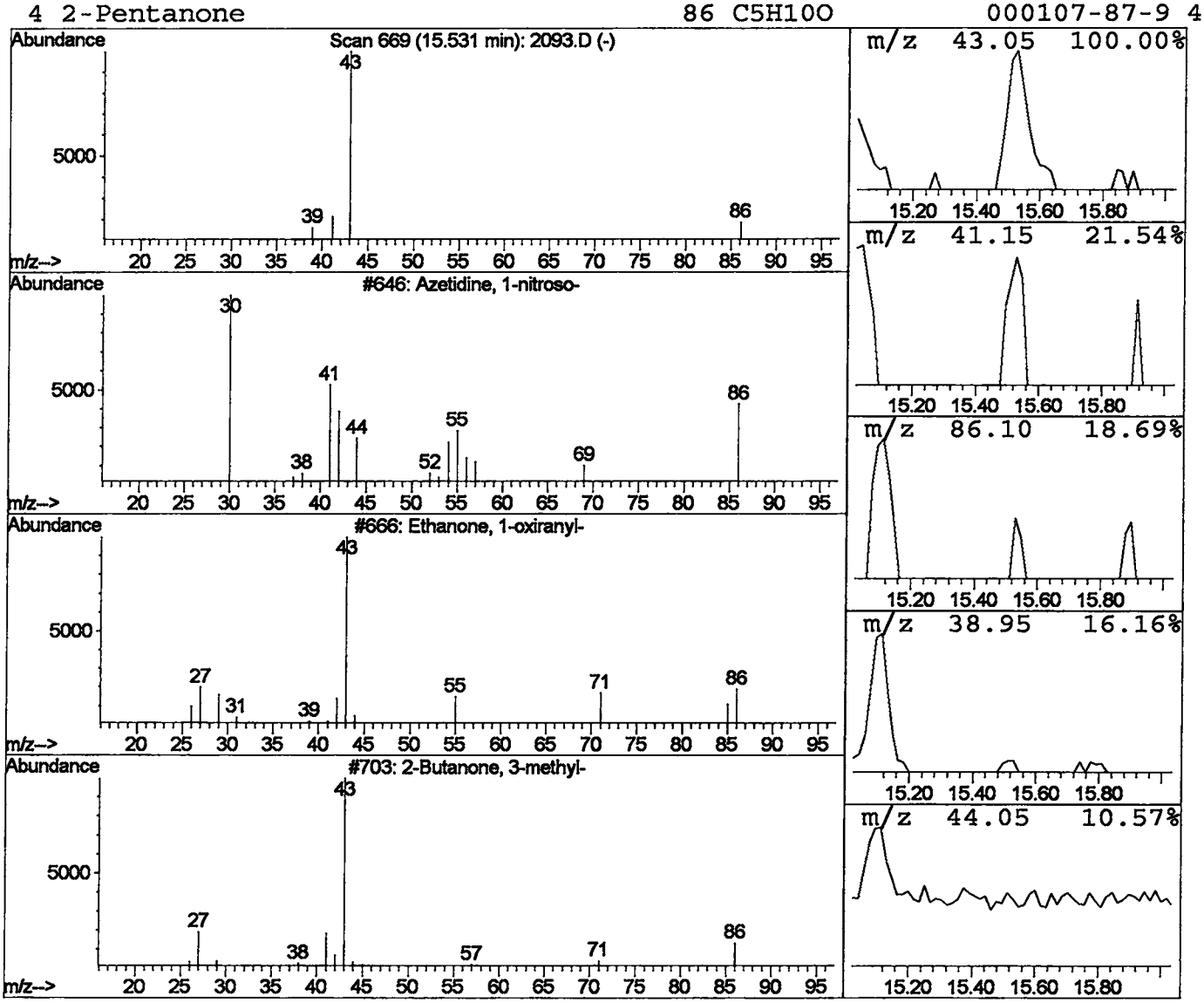
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Azetidine, 1-nitroso- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	43857	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	5
2	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	5
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4
4	2-Pentanone	86	C5H10O	000107-87-9	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2093.D
Acq On : 6 Feb 2002 8:07 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

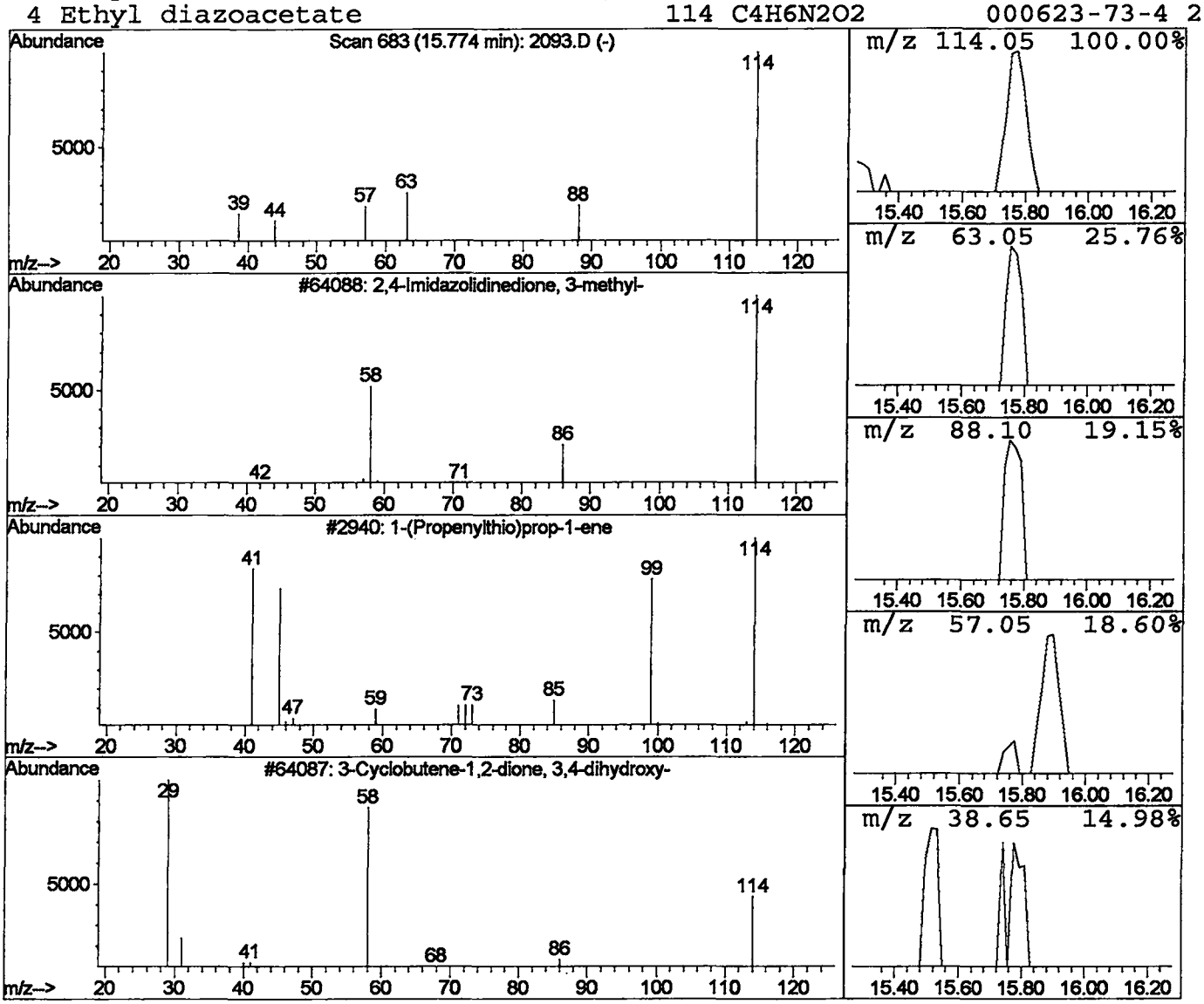
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	42760	1,4-DIFLUOROBENZENE	15.11

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	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2093.D
Acq On : 6 Feb 2002 8:07 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

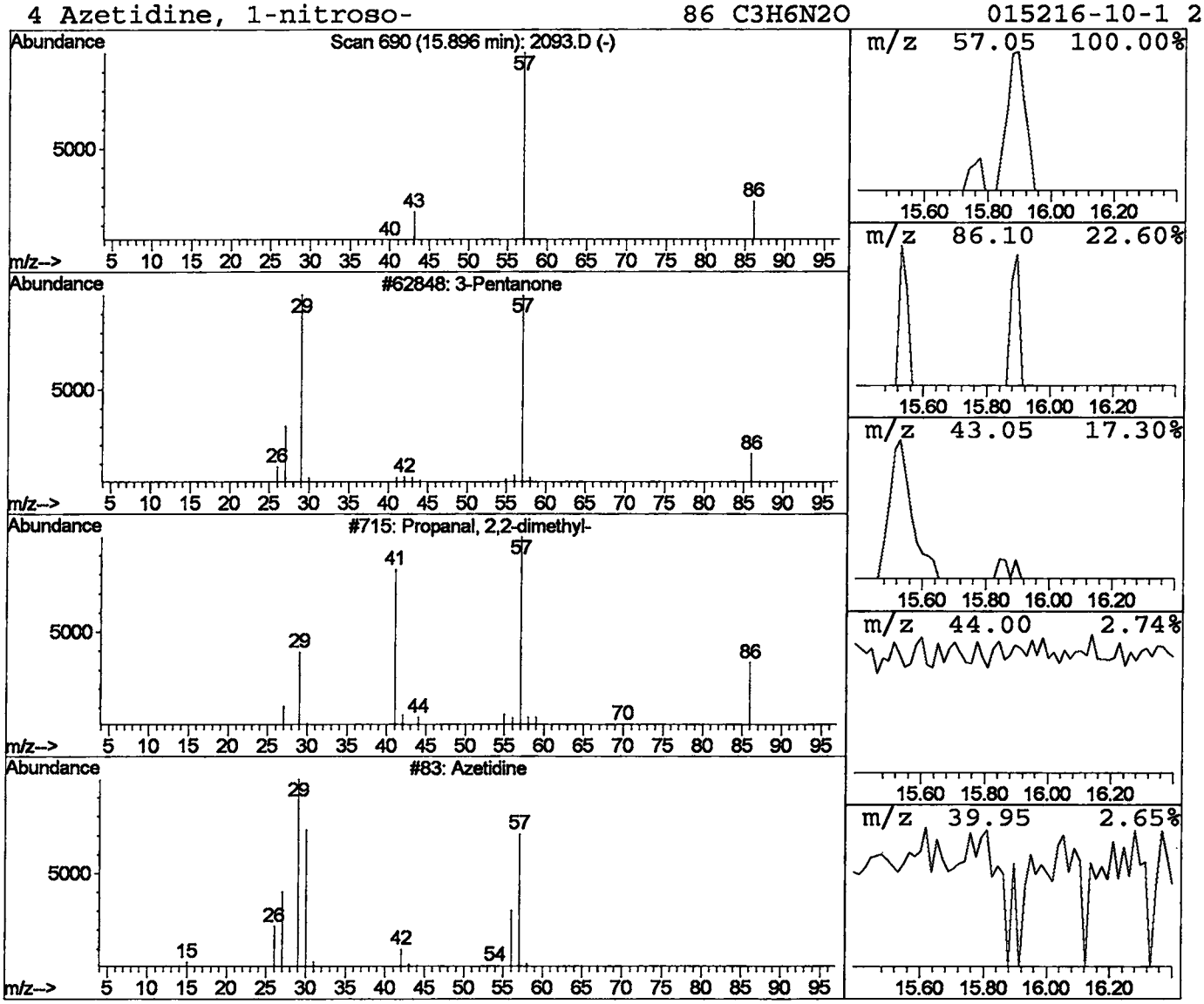
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Pentanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.02 ug/L	23824	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	5
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	3
3	Azetidine	57	C3H7N	000503-29-7	2
4	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2093.D
Acq On : 6 Feb 2002 8:07 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

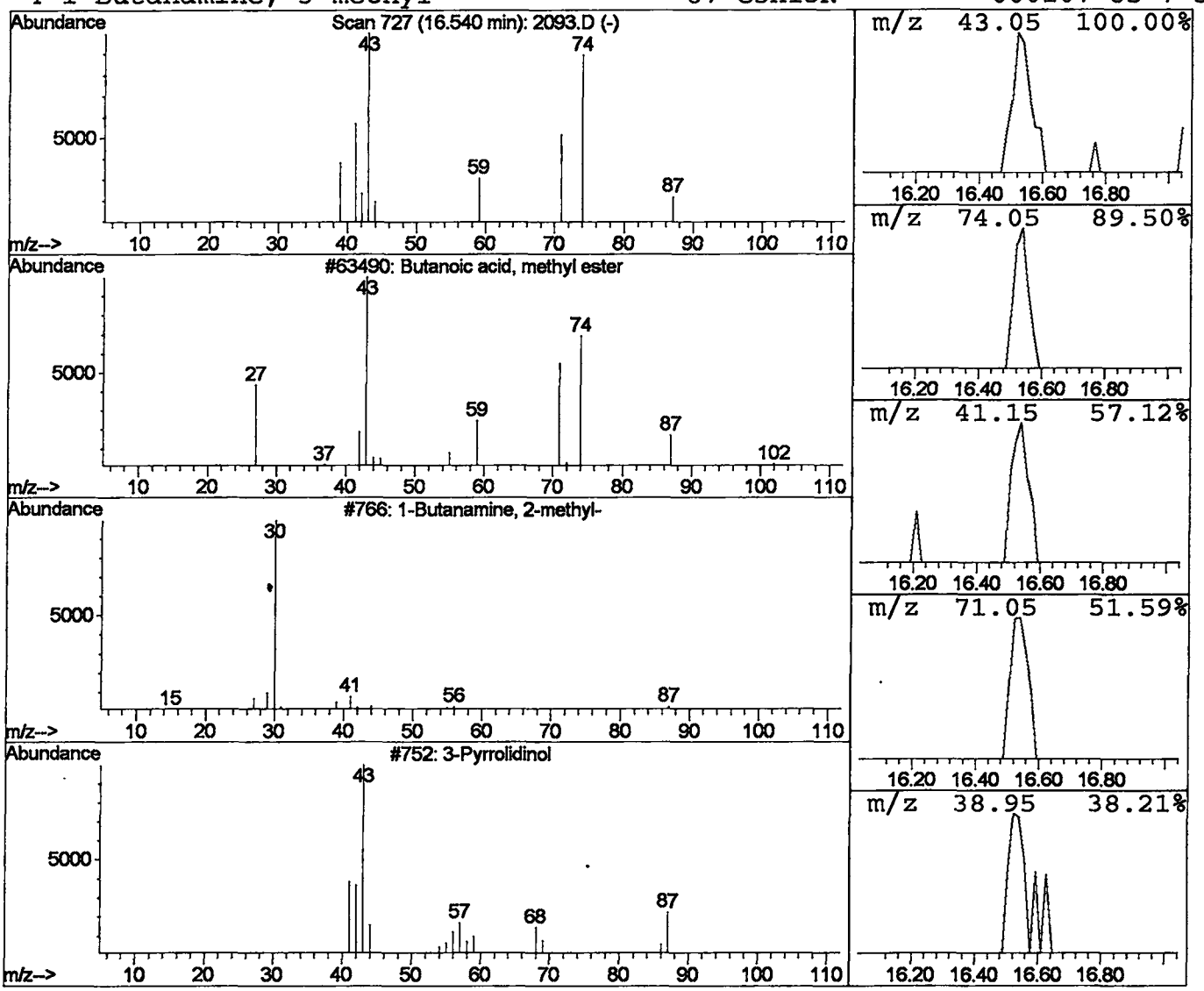
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.06 ug/L	58393	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78
2	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	7
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:27:16

Sample: AE02094
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:32 Ended: 2/6/02 21:32 Analyst: BH
Result source: a:\2094.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7	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 2/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:27:16

Sample: AE02094
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 21:32 Ended: 2/6/02 21:32 Analyst: BH
Result source: a:\2094.rr
Page: 2

	Component Name	Viol	Result	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\02feb06\2094.D Vial: 7
Acq On : 6 Feb 2002 8:51 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:29 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1865783	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1832836	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	837452	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	726952	4.50	ug/L	0.00
Spiked Amount 5.000			Recovery =	90.00%		
3) 4-BROMOFLUOROBENZENE	24.35	174	671734	4.69	ug/L	0.00
Spiked Amount 5.000			Recovery =	93.80%		
25) TOLUENE-D8	18.45	98	2281111	4.99	ug/L	-0.02
Spiked Amount 5.000			Recovery =	99.80%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.87	45	1450	~~14.98~~	ug/L	70
12) ACETONE	8.27	43	81158	8.06	ug/L	100
14) METHYLENE CHLORIDE	9.61	49	69439	~~-0.80~~	~~ug/L~~	94
15) METHYL TERT BUTYL ETHER	9.94	73	11803	0.11	ug/L	84
18) 2-BUTANONE (MEK)	12.01	43	109786	4.64	ug/L	97

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

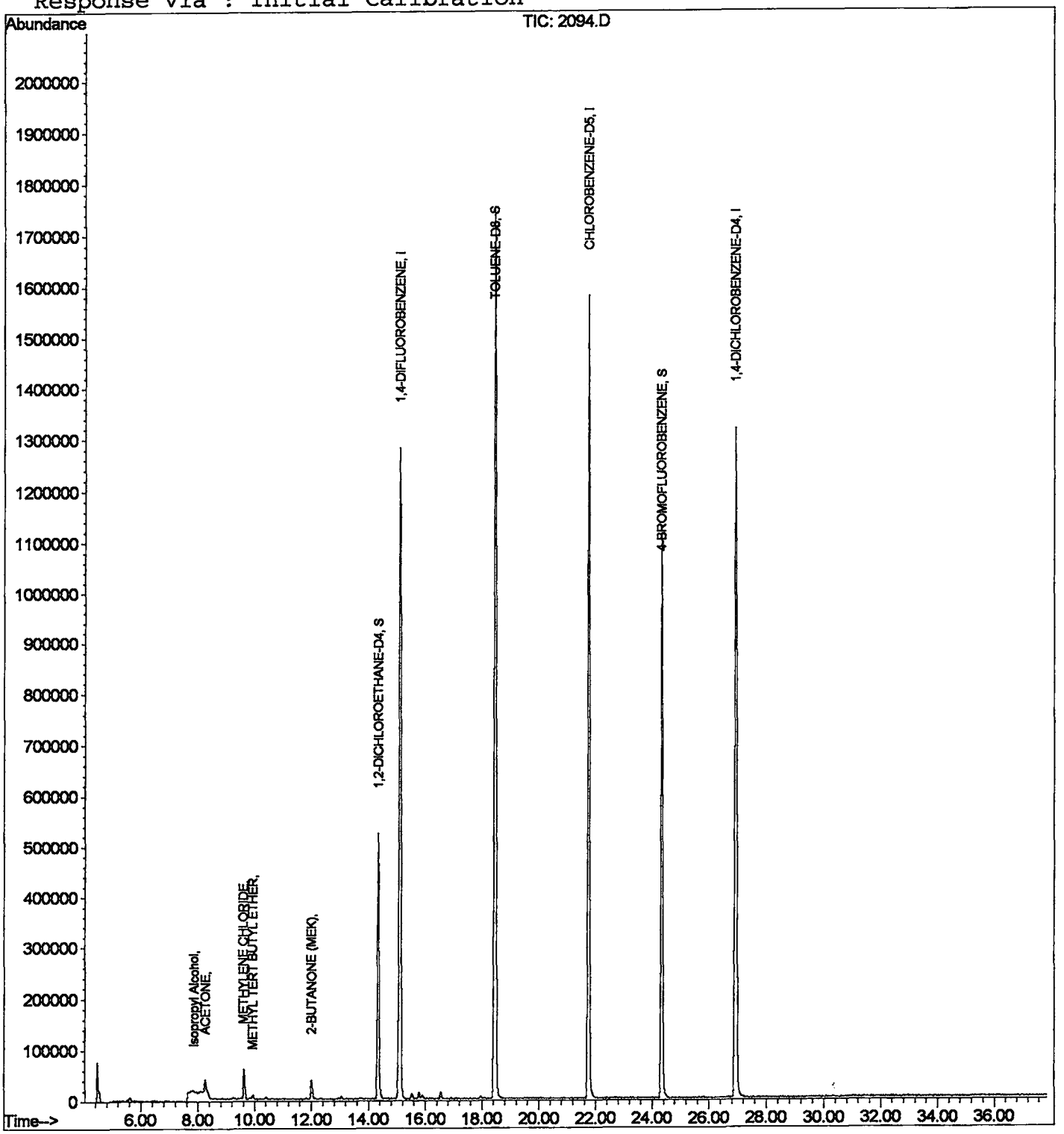
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2094.D
Acq On : 6 Feb 2002 8:51 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 21:29 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2094.D
Acq On : 6 Feb 2002 8:51 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

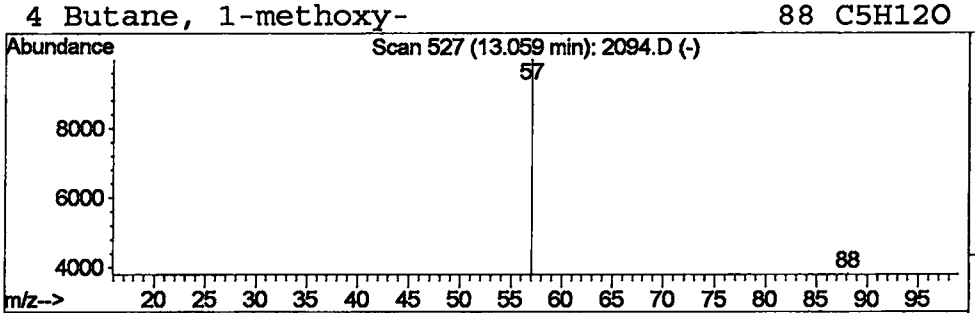
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

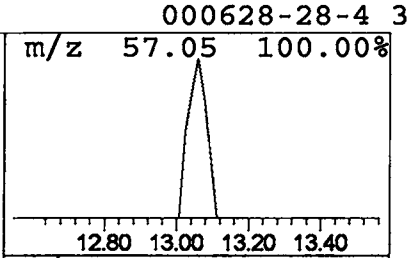
****

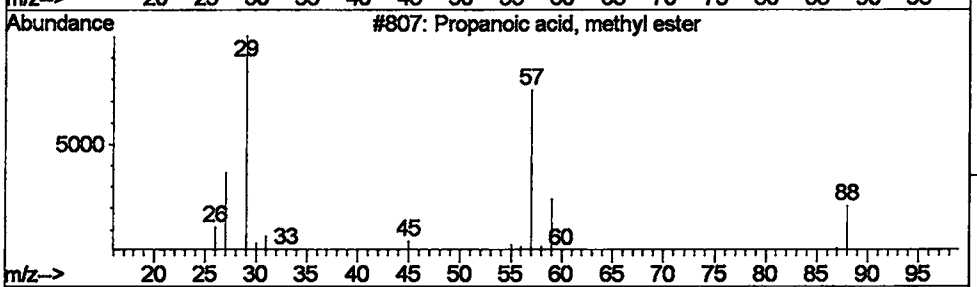
Peak Number 1 Propanoic acid, methyl ester Concentration Rank 5

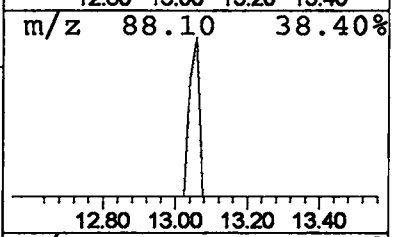
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	0.02 ug/L	19143	1,4-DIFLUOROBENZENE	15.11

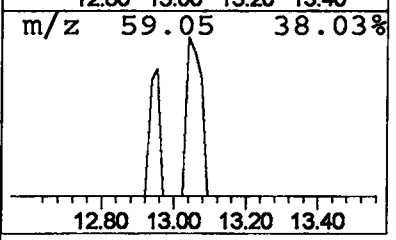
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, methyl ester	88	C4H8O2	000554-12-1	9
2	Hydrazine, butyl-	88	C4H12N2	003530-11-8	4
3	1,2-Ethanediamine, N,N'-dimethyl-	88	C4H12N2	000110-70-3	3
4	Butane, 1-methoxy-	88	C5H12O	000628-28-4	3

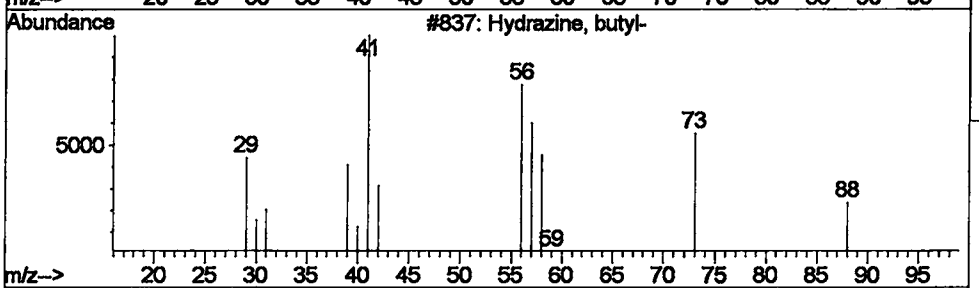


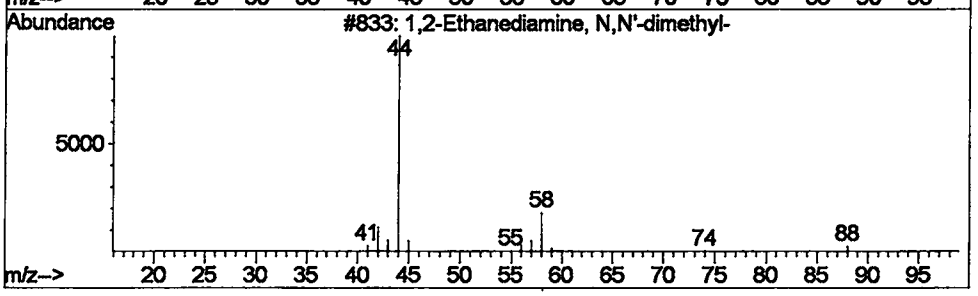












Library Search Compound Report

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Acq On : 6 Feb 2002 8:51 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

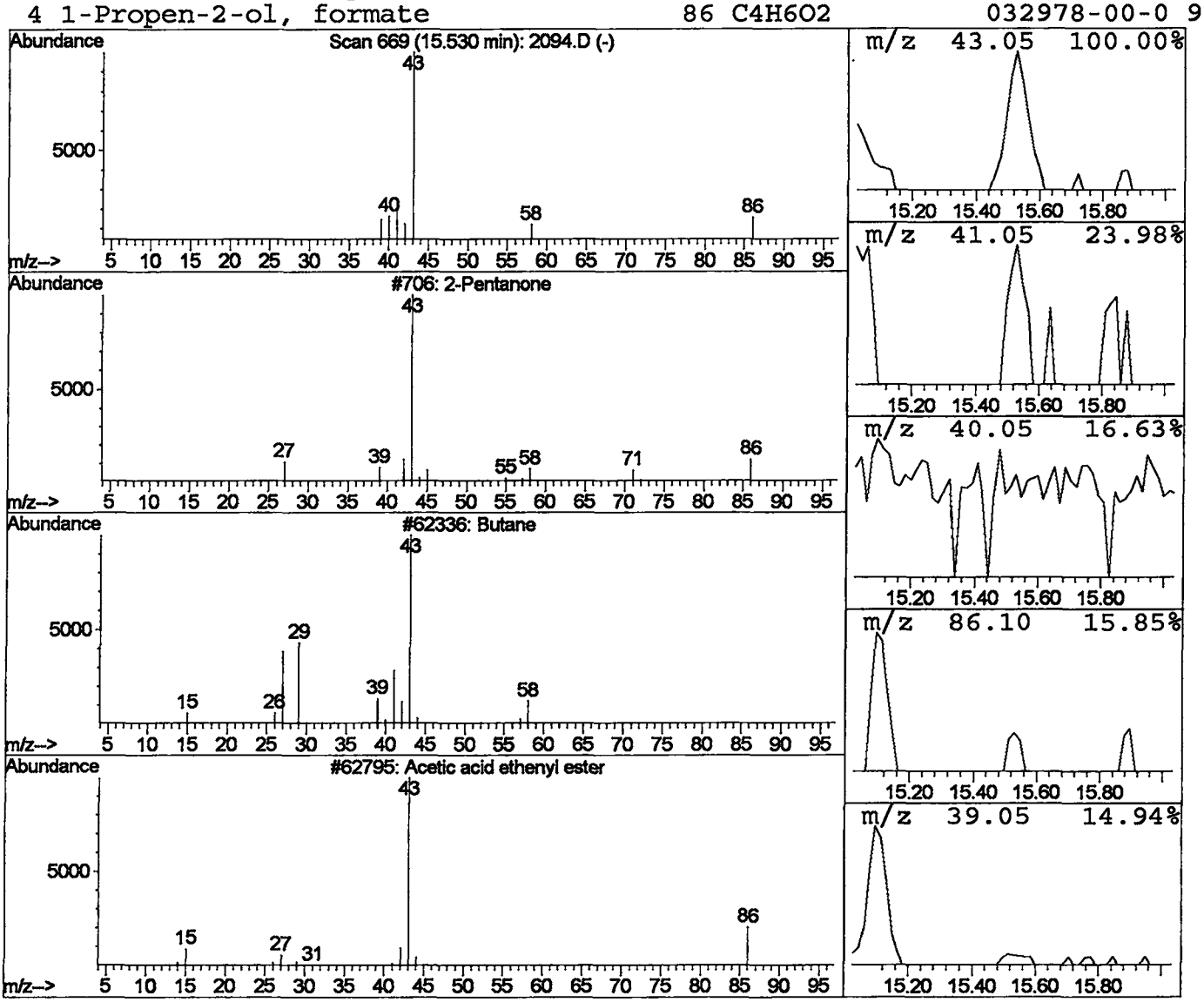
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.05 ug/L	52108	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	74
2	Butane	58	C4H10	000106-97-8	50
3	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	9
4	1-Propen-2-ol, formate	86	C4H6O2	032978-00-0	9



Library Search Compound Report

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Acq On : 6 Feb 2002 8:51 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

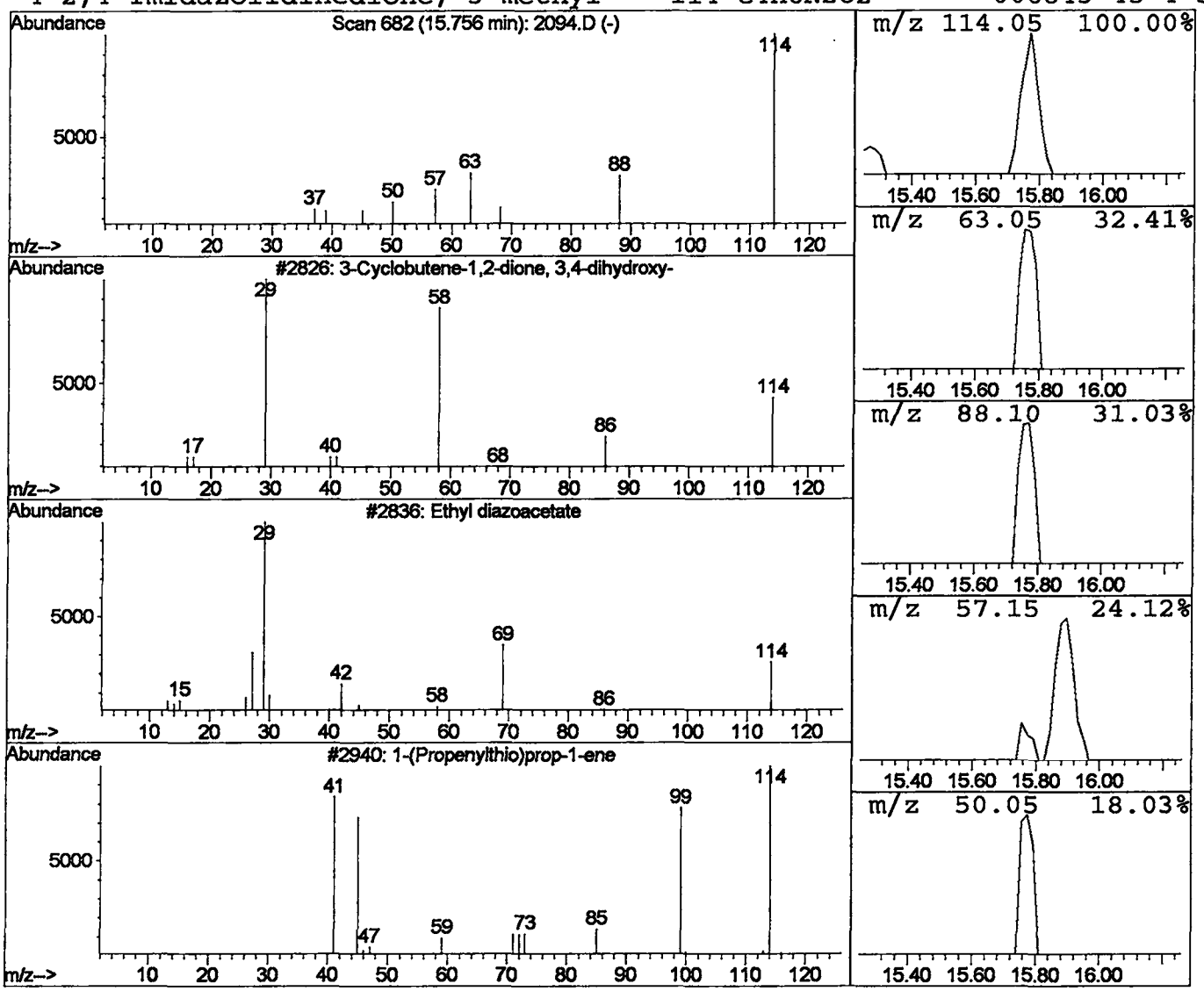
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.05 ug/L	48199	1,4-DIFLUOROBENZENE	15.11

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	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	4
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Library Search Compound Report

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Acq On : 6 Feb 2002 8:51 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

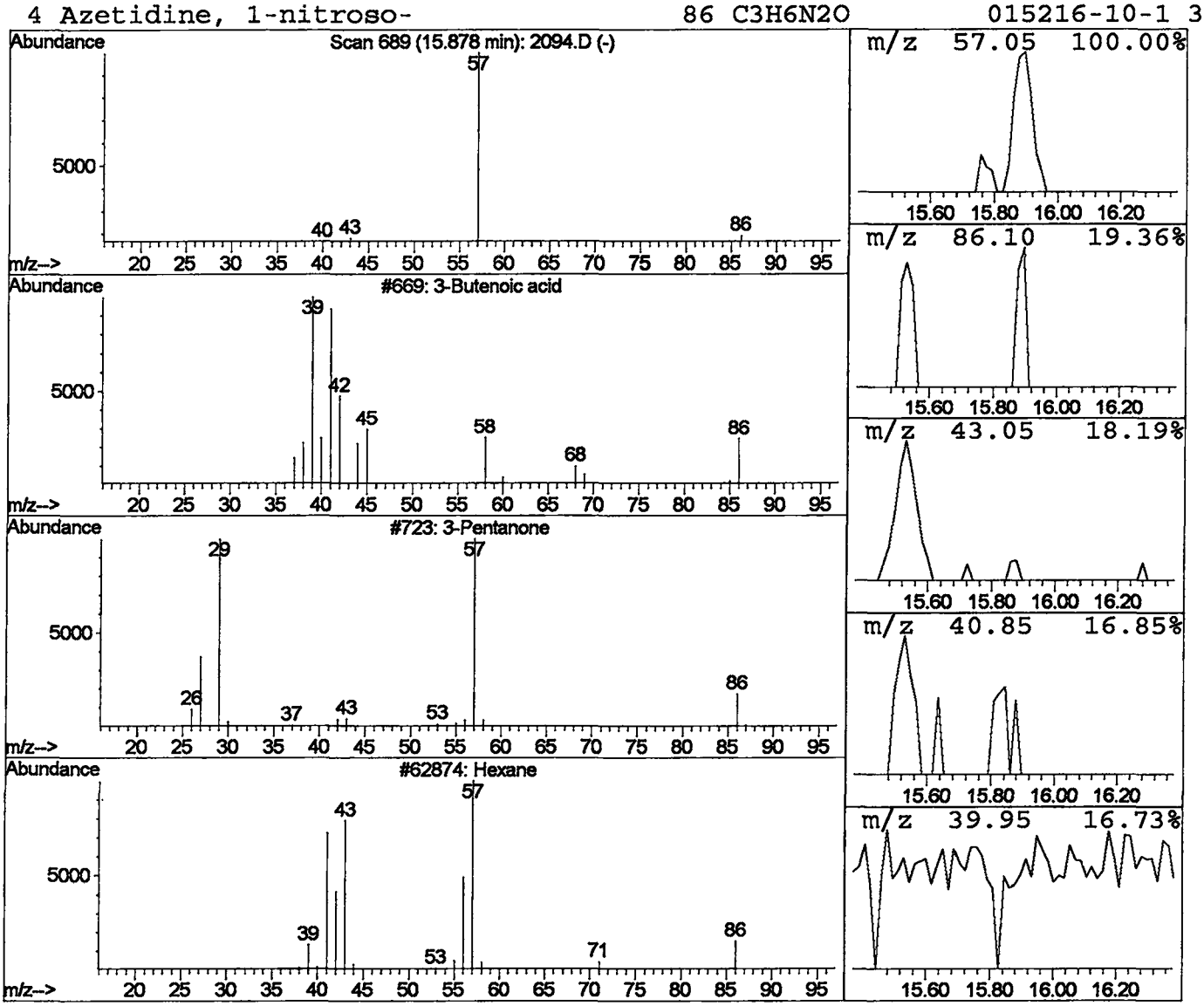
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Butenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	27414	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenoic acid	86	C4H6O2	000625-38-7	4
2	3-Pentanone	86	C5H10O	000096-22-0	4
3	Hexane	86	C6H14	000110-54-3	4
4	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	3



Library Search Compound Report

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Acq On : 6 Feb 2002 8:51 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

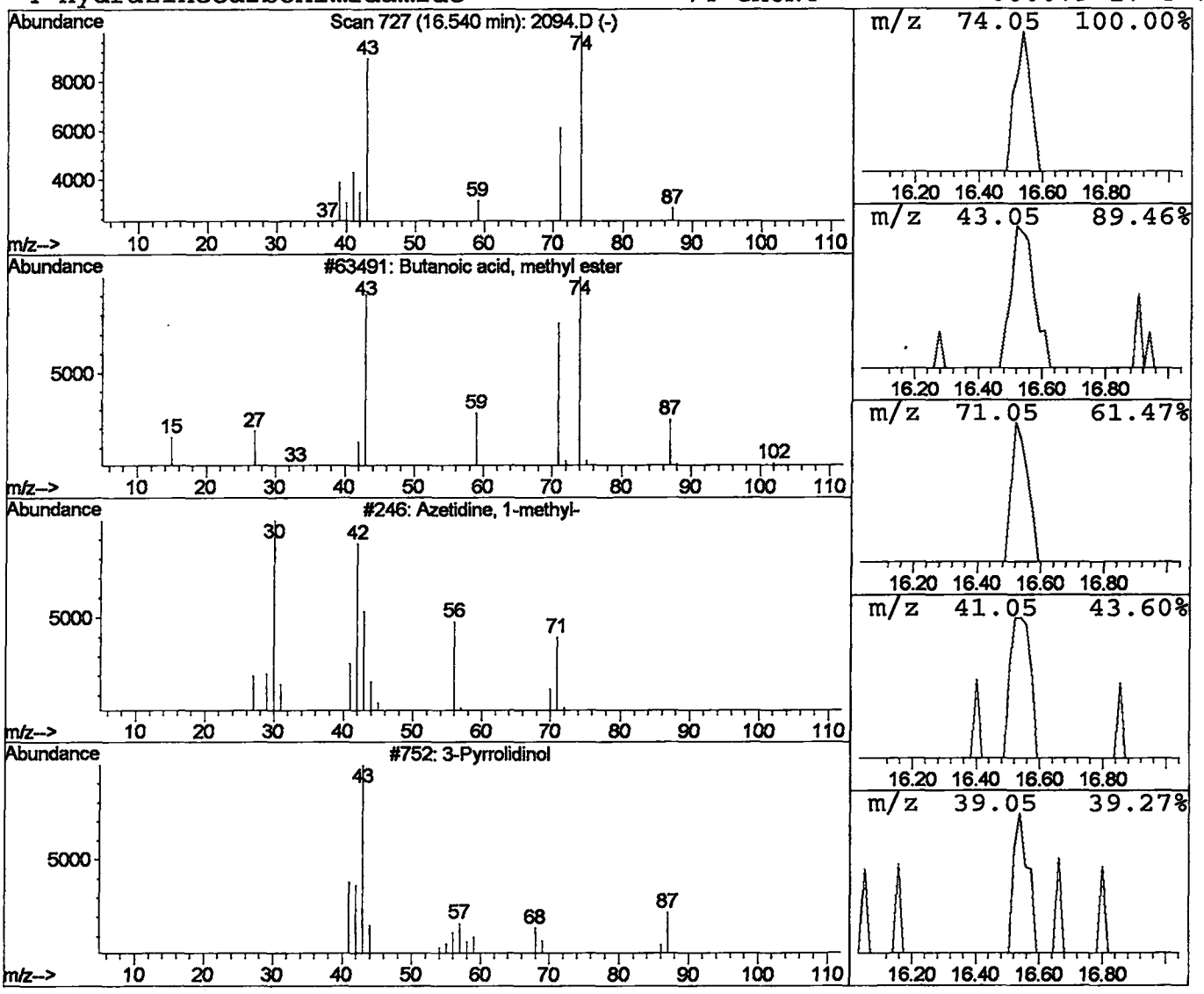
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.06 ug/L	60969	1,4-DIFLUOROBENZENE	15.11

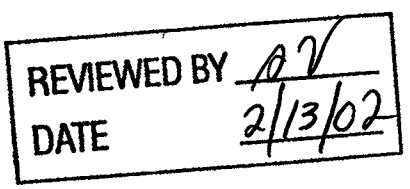
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	38
2	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
4	Hydrazinecarboximidamide	74	CH6N4	000079-17-4	7



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:27:45

Sample: AE02380
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 22:14 Ended: 2/6/02 22:14 Analyst: BH
Result source: a:\2380.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8	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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:27:45

Sample: AE02380
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 22:14 Ended: 2/6/02 22:14 Analyst: BH
Result source: a:\2380.rr
Page: 2

	Component Name	Vial	Result	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\02feb06\2380.D Vial: 8
Acq On : 6 Feb 2002 9:34 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 22:12 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1881079	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1856490	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	879330	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	735174	4.51	ug/L	0.00
Spiked Amount 5.000			Recovery = 90.20%			
3) 4-BROMOFLUOROBENZENE	24.34	174	698764	4.84	ug/L	-0.02
Spiked Amount 5.000			Recovery = 96.80%			
25) TOLUENE-D8	18.45	98	2314818	5.00	ug/L	-0.02
Spiked Amount 5.000			Recovery = 100.00%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.84	45	3586	~~36.76~~	ug/L	74
12) ACETONE	8.27	43	107135	10.56	ug/L	98
14) METHYLENE CHLORIDE	9.63	49	71051	~~0.81 ug/L~~		99
18) 2-BUTANONE (MEK)	12.01	43	113454	4.76	ug/L	98
46) 2-HEXANONE	19.24	43	1598	0.05	ug/L	30

acetone in FB - 8616
∴ not reported

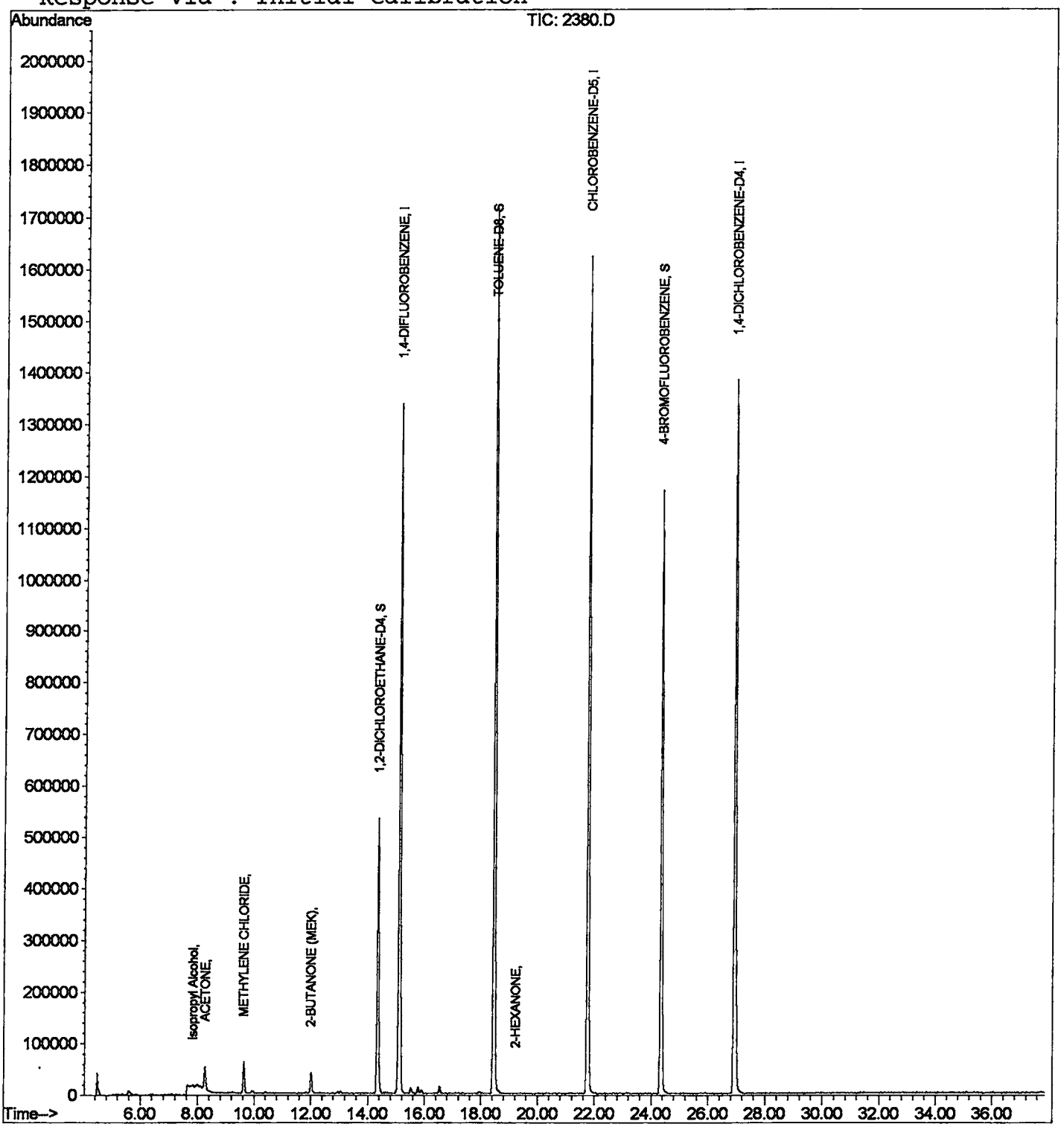
(#) = qualifier out of range (m) = manual integration
2380.D HP013102.M Wed Feb 06 22:12:38 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2380.D
Acq On : 6 Feb 2002 9:34 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 22:12 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



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Acq On : 6 Feb 2002 9:34 pm
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Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

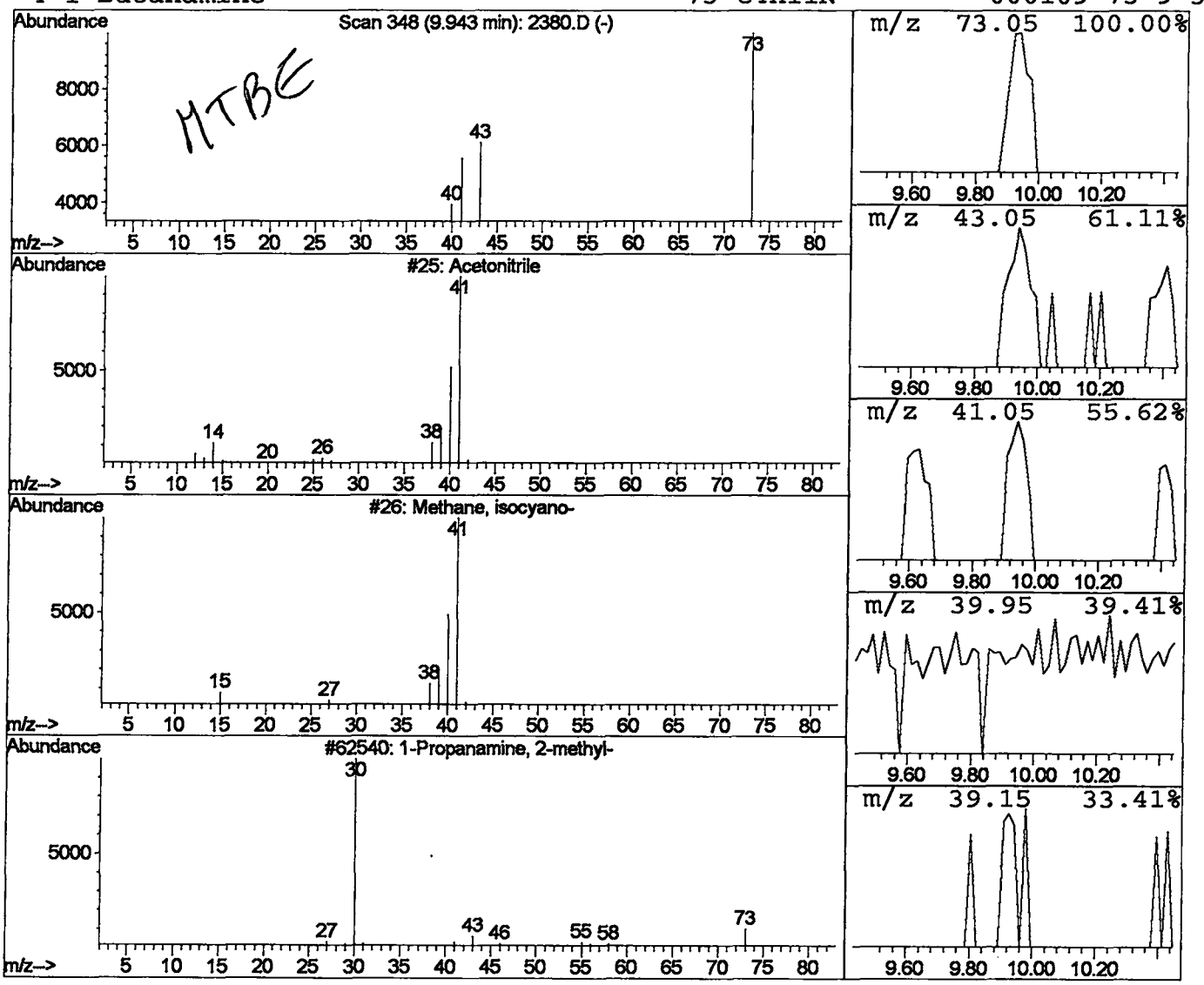
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	0.03 ug/L	31134	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile	41	C2H3N	000075-05-8	4
2	Methane, isocyano-	41	C2H3N	000593-75-9	4
3	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	3
4	1-Butanamine	73	C4H11N	000109-73-9	3



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Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

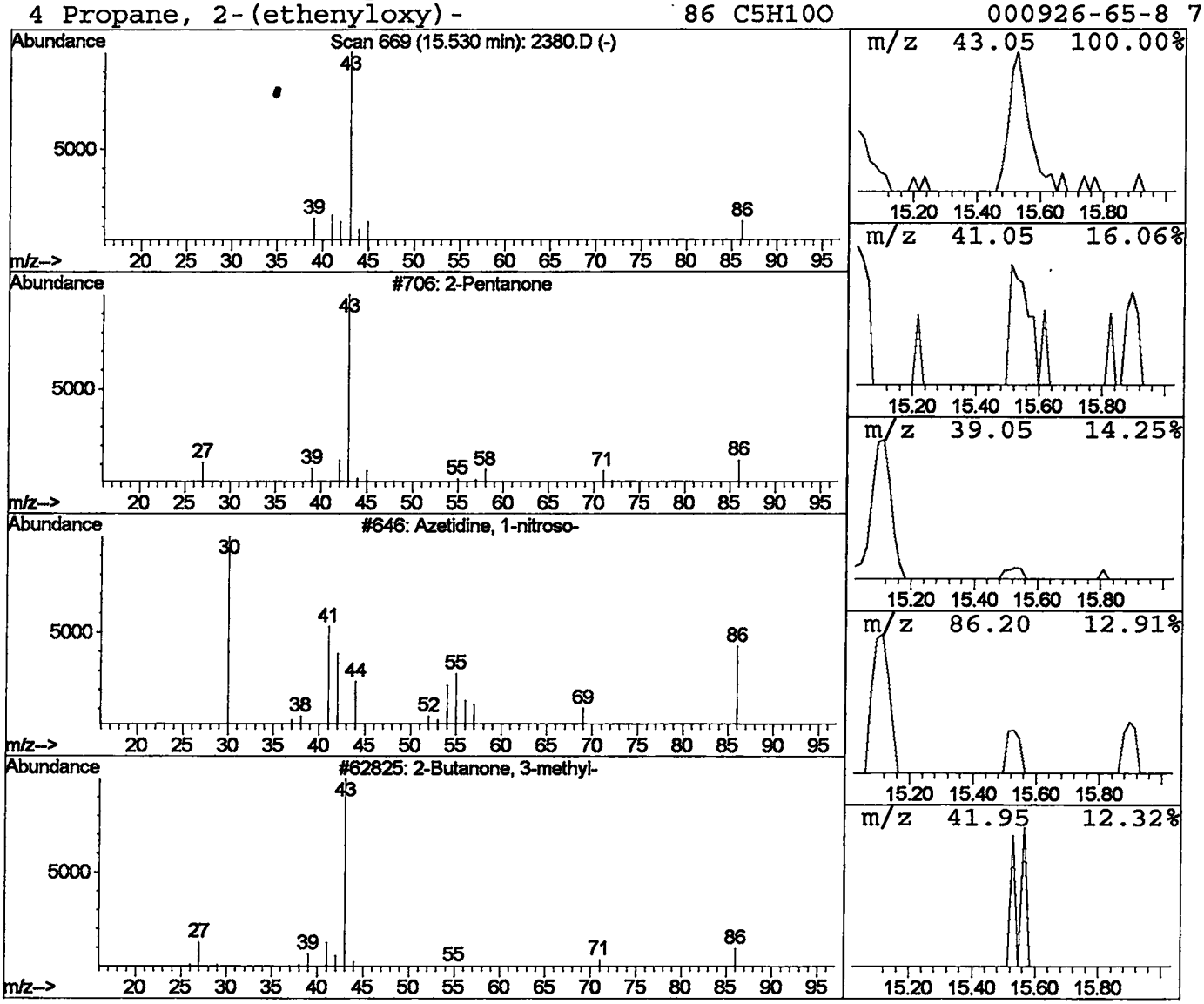
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	44681	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	74
2	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
4	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	7



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Sample : nyc
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MS Integration Params: LSCINT.P

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

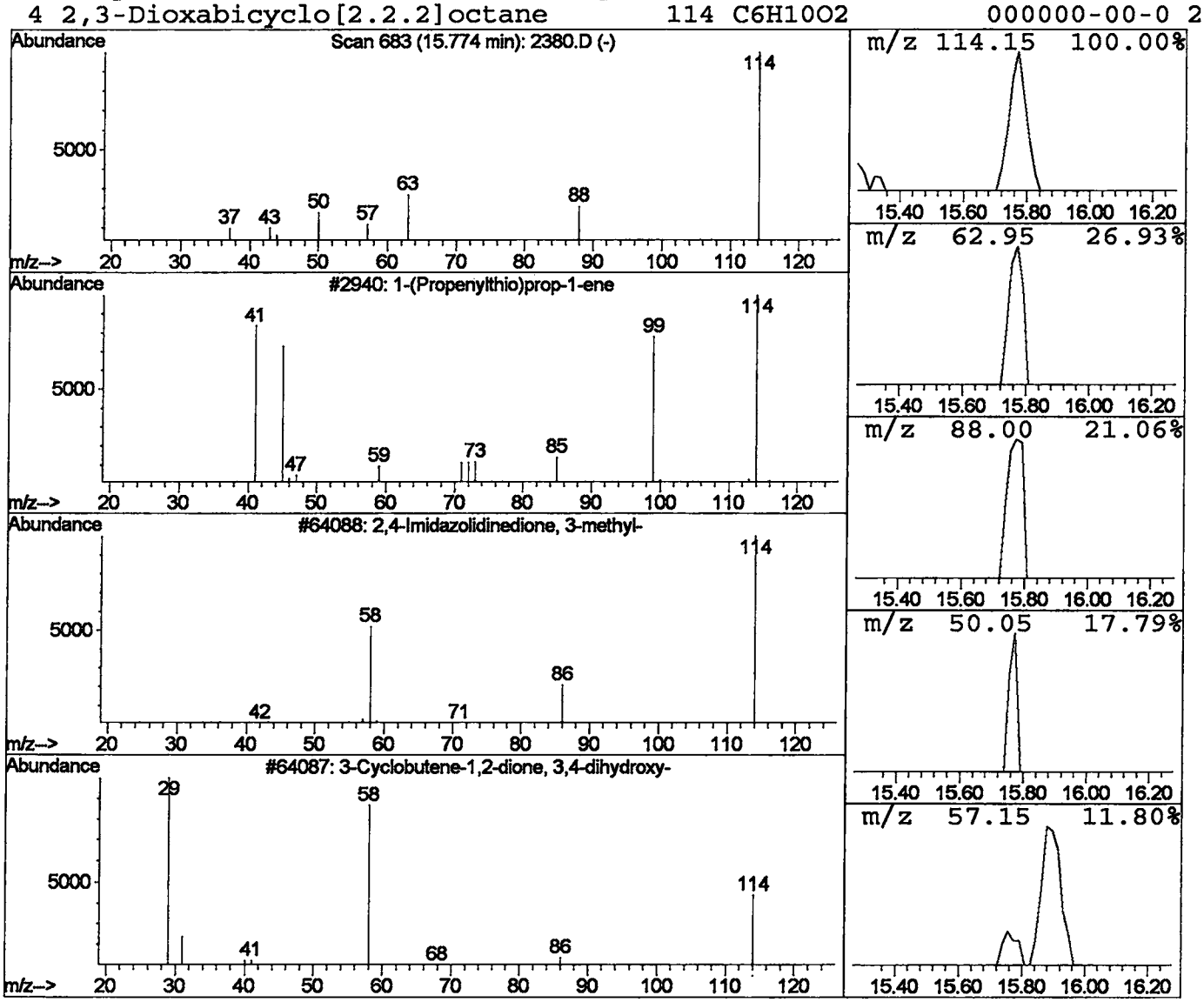
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.05 ug/L	52644	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	2



Library Search Compound Report

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Acq On : 6 Feb 2002 9:34 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

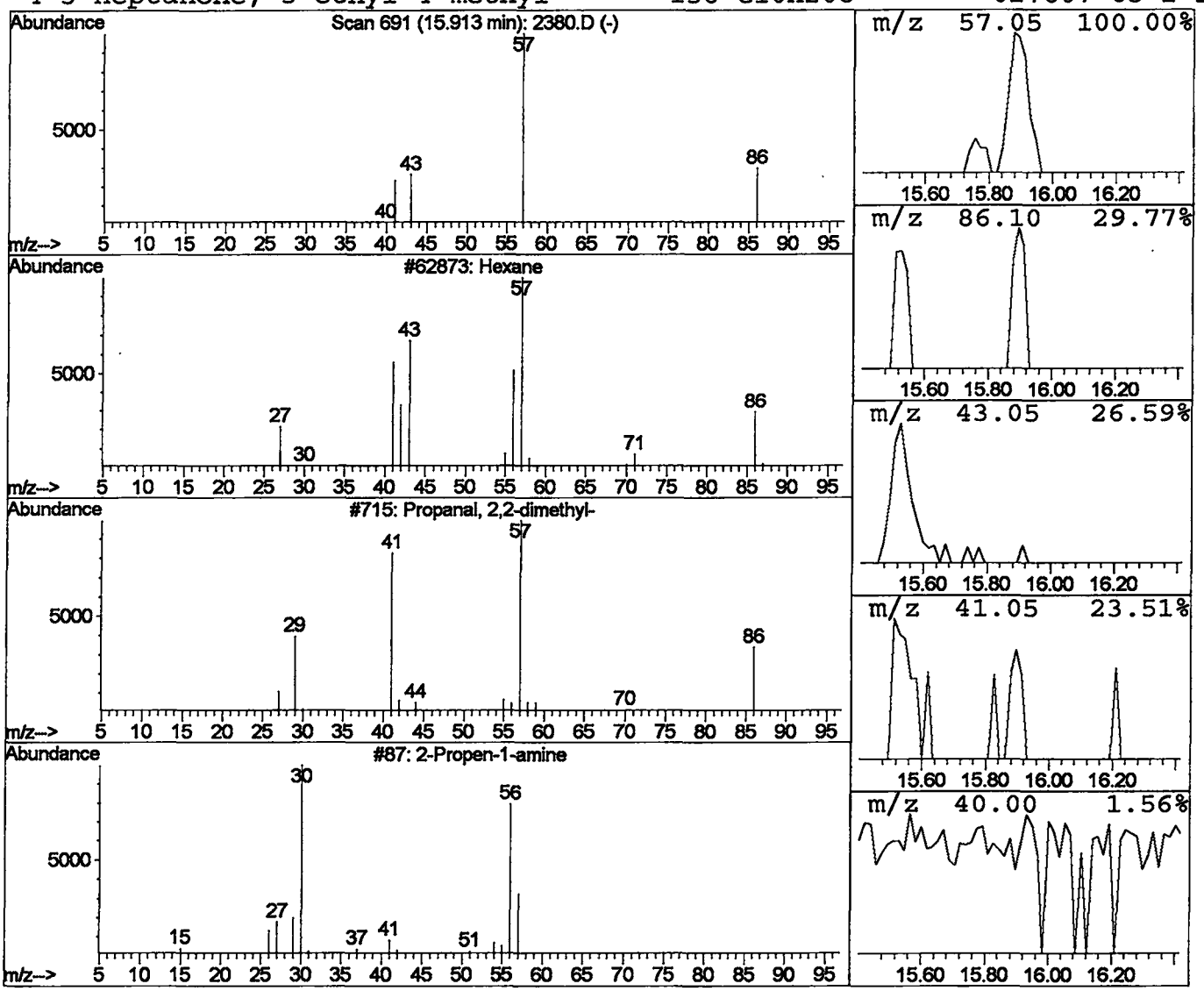
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Hexane — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	0.03 ug/L	32432	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	4
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	4
3	2-Propen-1-amine	57	C3H7N	000107-11-9	2
4	3-Heptanone, 5-ethyl-4-methyl-	156	C10H20O	027607-63-2	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2380.D
Acq On : 6 Feb 2002 9:34 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

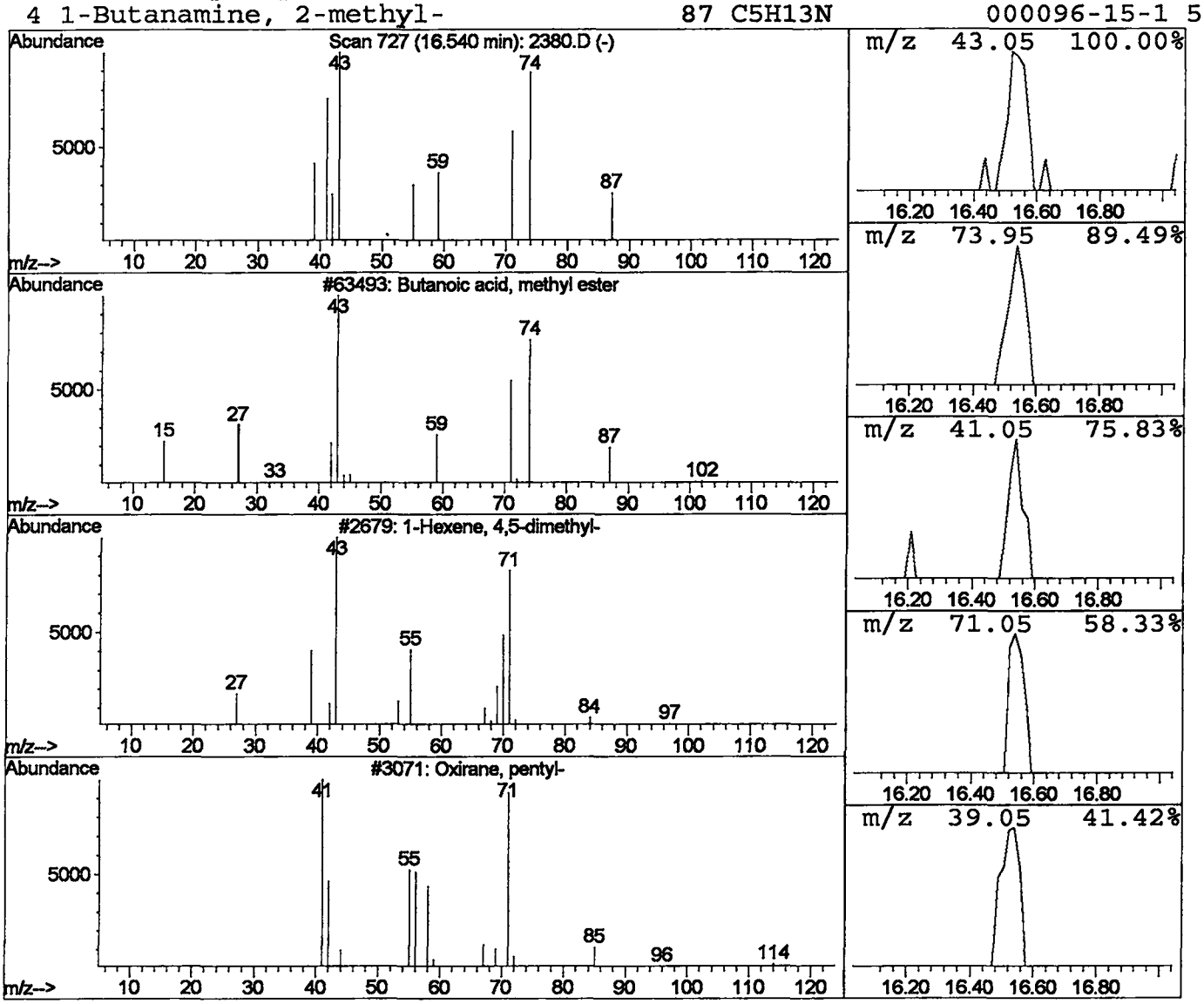
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	48712	1,4-DIFLUOROBENZENE	15.11

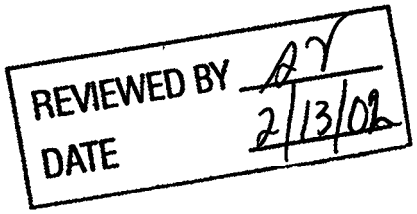
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
2	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	9
3	Oxirane, pentyl-	114	C7H14O	005063-65-0	9
4	1-Butanamine, 2-methyl-	87	C5H13N	000096-15-1	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:28:14

Sample: AE02381
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 22:57 Ended: 2/6/02 22:57 Analyst: BH
Result source: a:\2381.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7	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-dichioropropane		< 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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:28:14

Sample: AE02381
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/6/02 22:57 Ended: 2/6/02 22:57 Analyst: BH
Result source: a:\2381.rr
Page: 2

	Component Name	Viol	Result	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\02feb06\2381.D Vial: 9
Acq On : 6 Feb 2002 10:17 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 6 22:55 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1904121	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1873385	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	858773	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	746960	4.53	ug/L	0.00
Spiked Amount 5.000			Recovery = 90.60%			
3) 4-BROMOFLUOROBENZENE	24.36	174	688681	4.72	ug/L	0.00
Spiked Amount 5.000			Recovery = 94.40%			
25) TOLUENE-D8	18.47	98	2337169	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.00%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.87	45	5672	~~57.44~~	ug/L	54
12) ACETONE	8.27	43	121151	11.79	ug/L	94
14) METHYLENE CHLORIDE	9.63	49	75512	~~0.85~~	ug/L	94
18) 2-BUTANONE (MEK)	12.02	43	113471	4.70	ug/L	97

acetone in FB-8616
not reported

(#) = qualifier out of range (m) = manual integration
2381.D HP013102.M Wed Feb 06 22:56:04 2002 Page 1

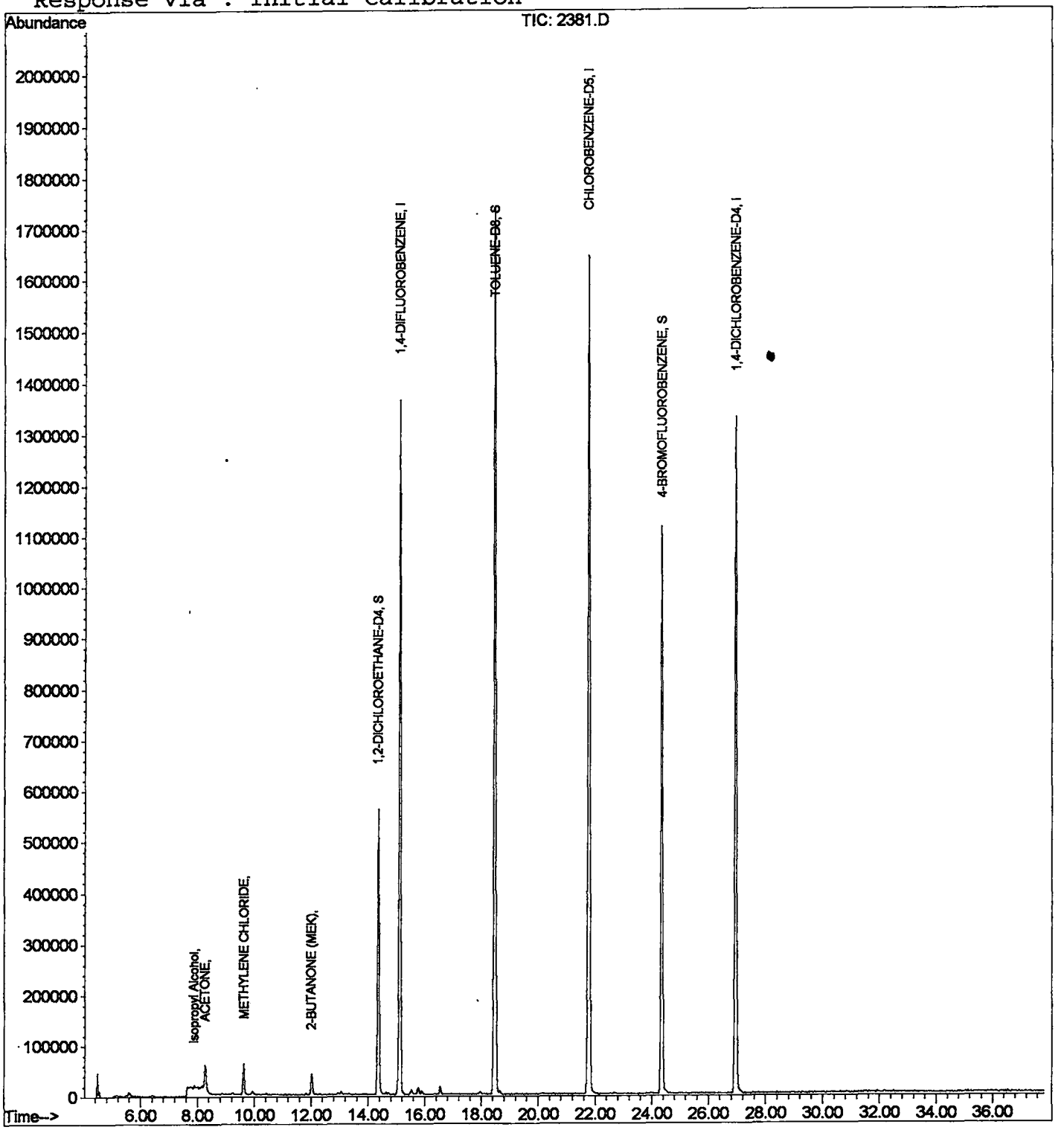
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381.D
Acq On : 6 Feb 2002 10:17 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 6 22:55 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381.D
Acq On : 6 Feb 2002 10:17 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

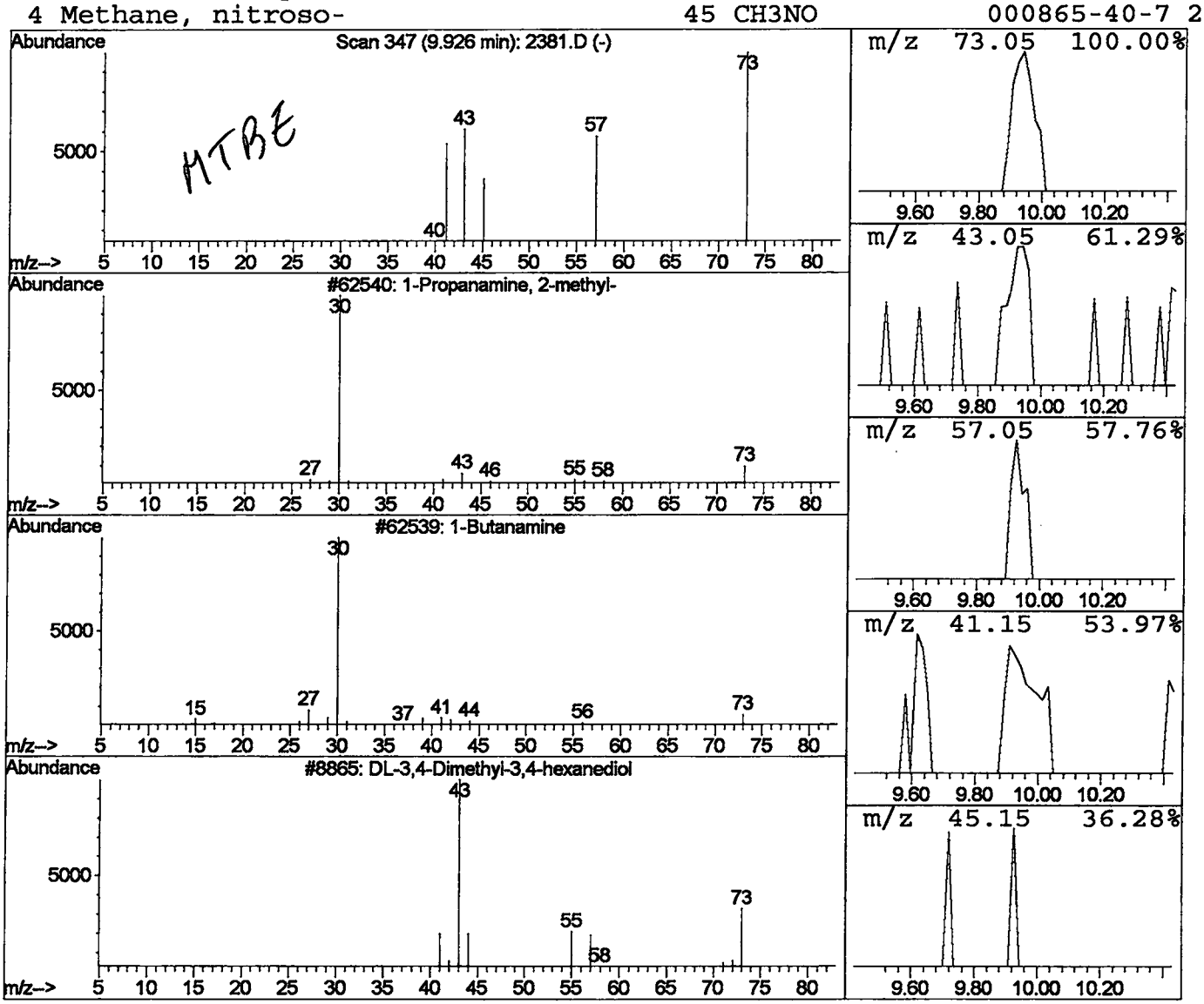
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	0.03 ug/L	28907	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	3
2	1-Butanamine	73	C4H11N	000109-73-9	3
3	DL-3,4-Dimethyl-3,4-hexanediol	146	C8H18O2	032388-94-6	2
4	Methane, nitroso-	45	CH3NO	000865-40-7	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381.D
Acq On : 6 Feb 2002 10:17 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

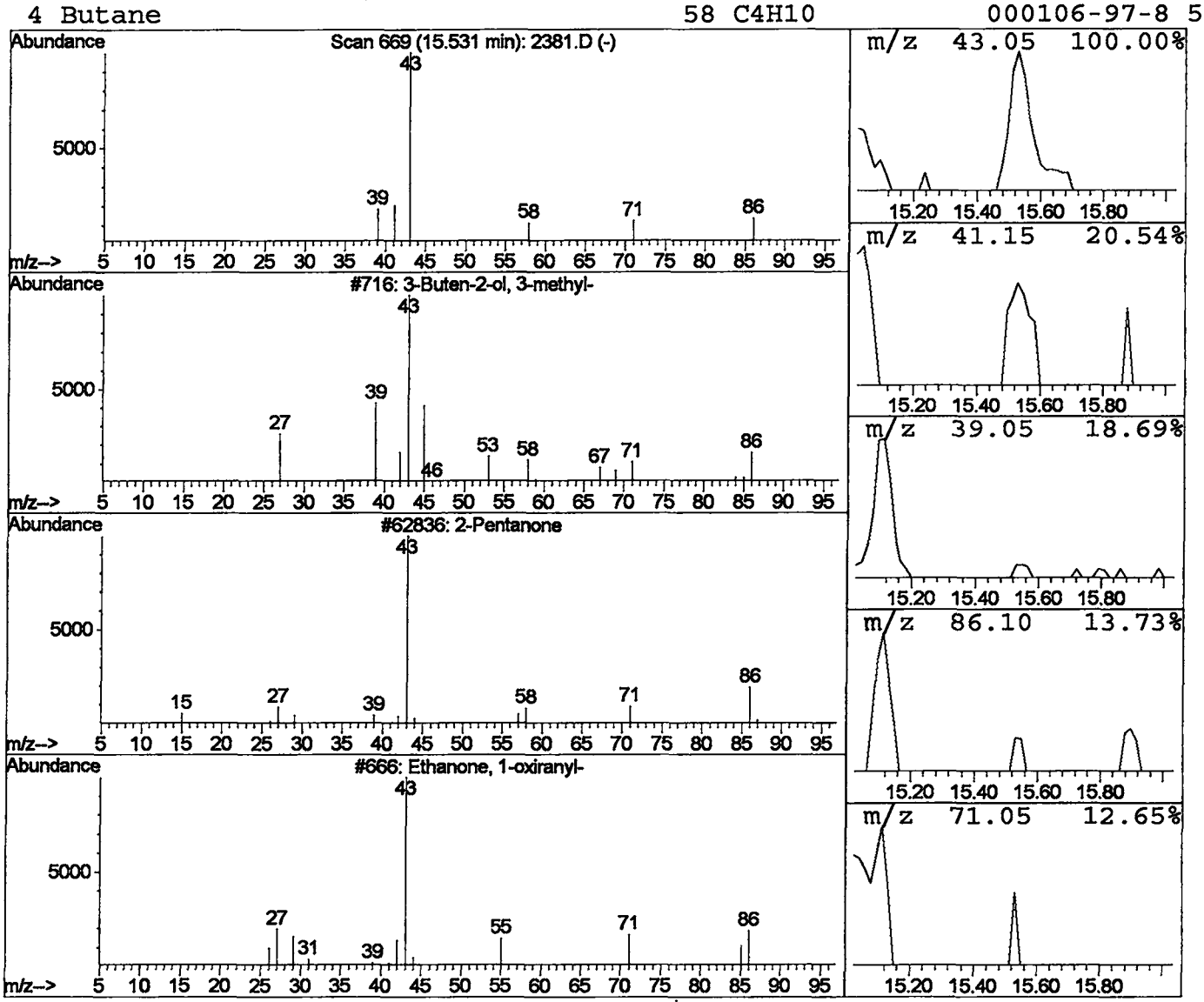
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Buten-2-ol, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	45869	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	9
2	2-Pentanone	86	C5H10O	000107-87-9	9
3	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	5
4	Butane	58	C4H10	000106-97-8	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381.D
Acq On : 6 Feb 2002 10:17 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

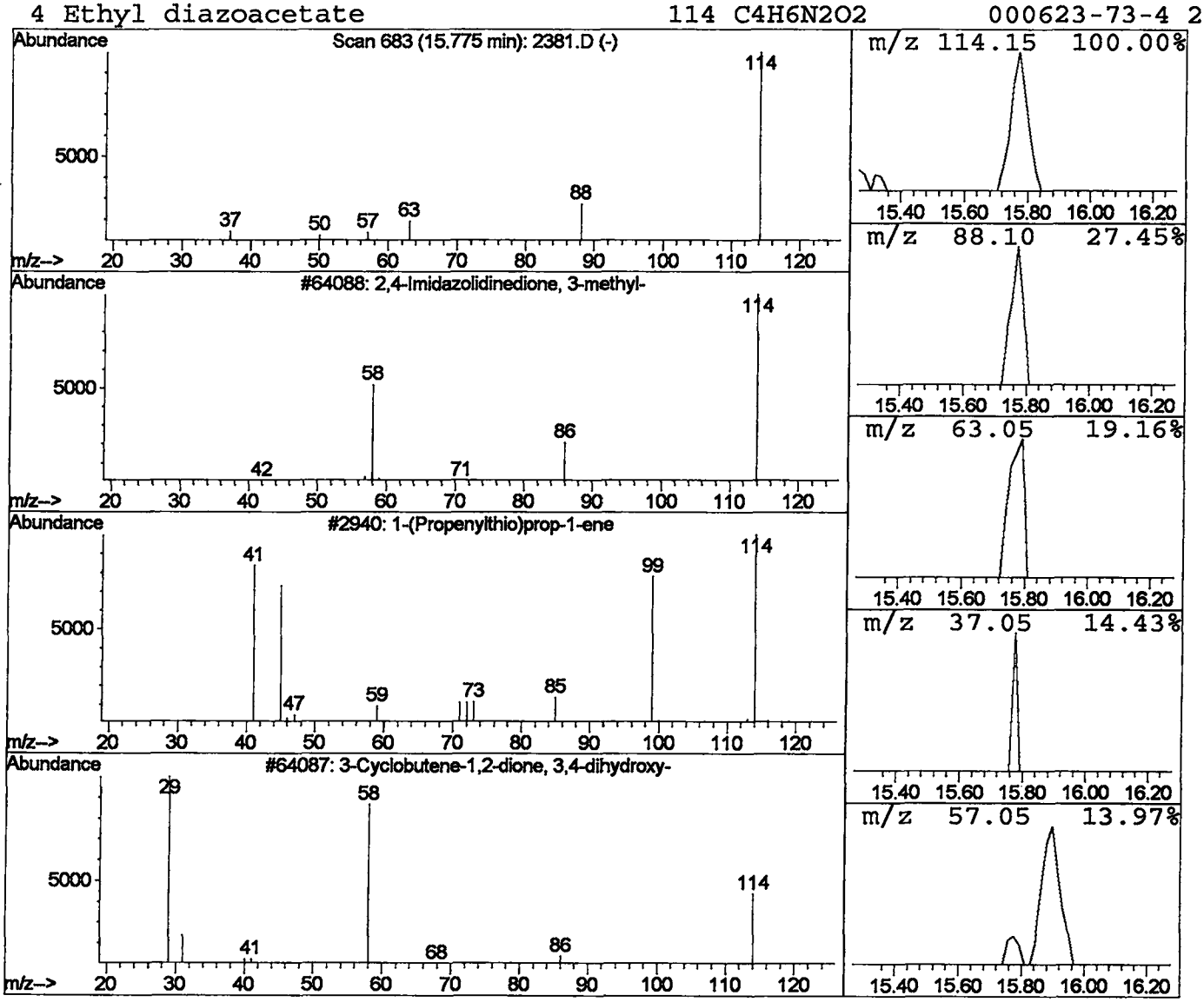
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.05 ug/L	47784	1,4-DIFLUOROBENZENE	15.11

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	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381.D
Acq On : 6 Feb 2002 10:17 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

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

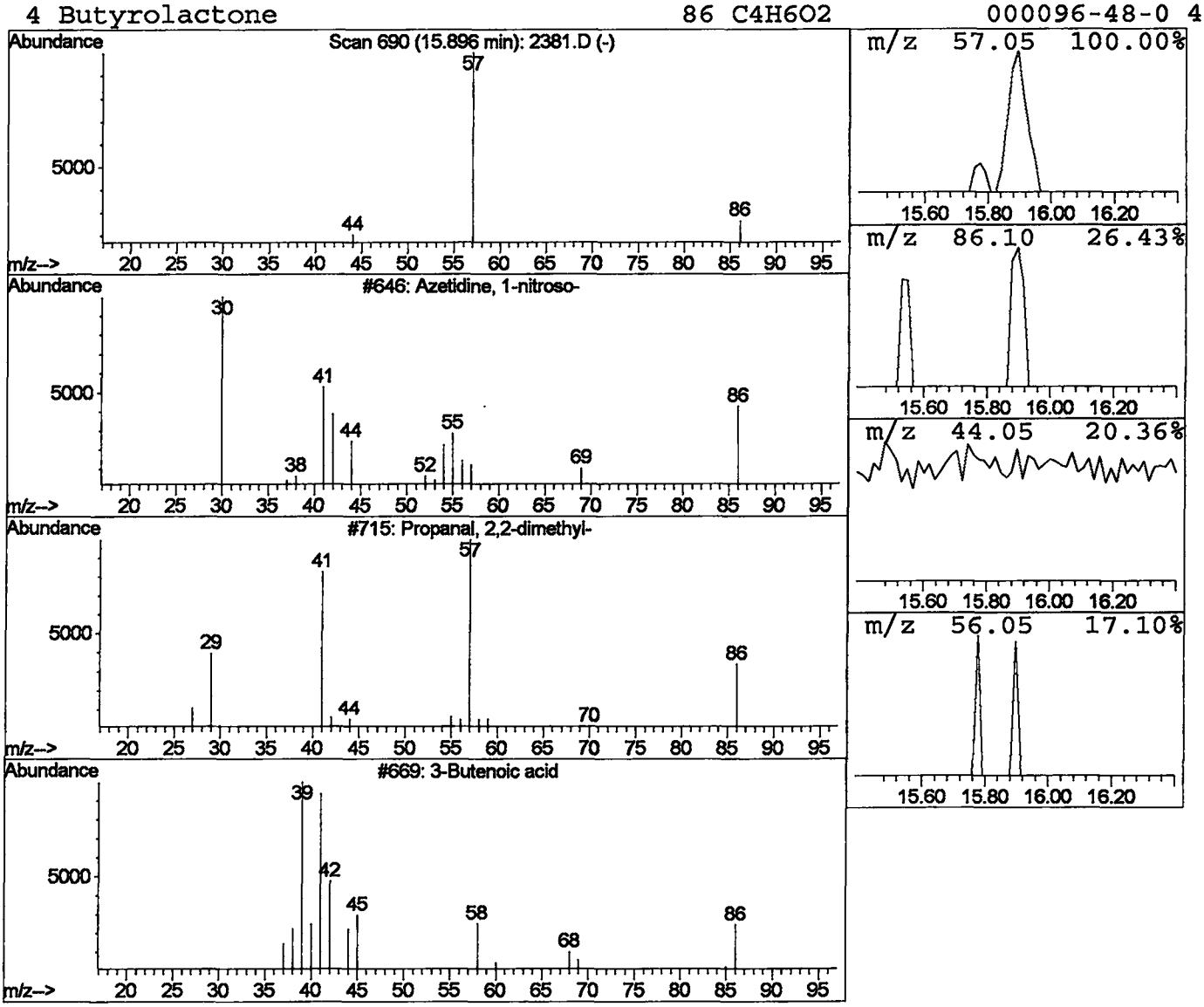
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Azetidine, 1-nitroso- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.02 ug/L	24623	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	7
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	4
3	3-Butenoic acid	86	C4H6O2	000625-38-7	4
4	Butyrolactone	86	C4H6O2	000096-48-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381.D Vial: 9
Acq On : 6 Feb 2002 10:17 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

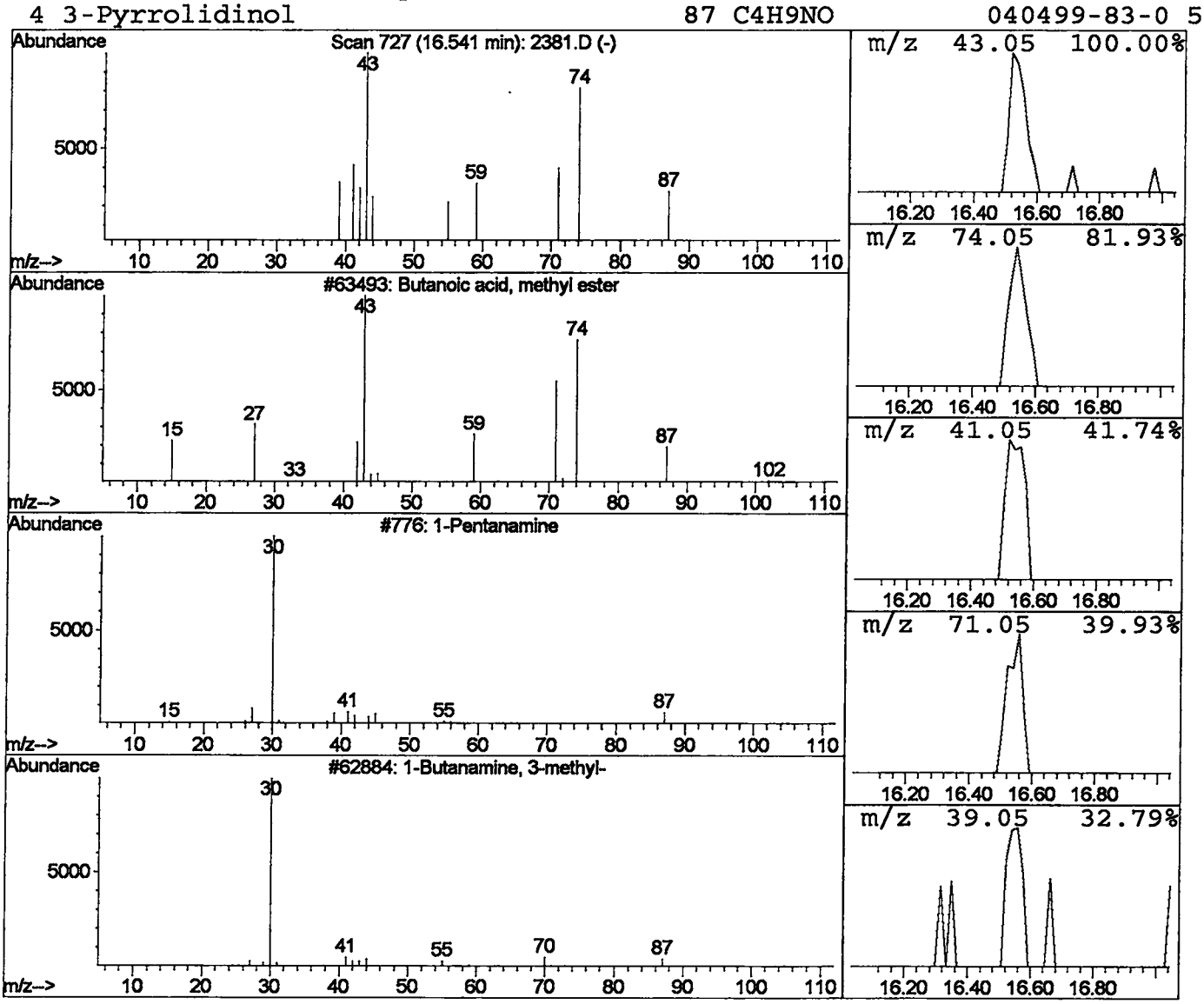
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	55961	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	38
2	1-Pentanamine	87	C5H13N	000110-58-7	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:24:14

Sample: AE02089
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 2/7/02 01:08 Ended: 2/7/02 01:08 Analyst: BH
Result source: a:\0206c10b.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.5	.5
2	Surr_4-BROMOFLUOROBENZE		4.9	.5
3	Dichlorodifluoromethane		13	.5
4	Chloromethane		11	.5
5	Vinyl chloride		9.8	.5
6	Bromomethane		10	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		9.1	.5
9	1,1-Dichloroethene		11	.5
10	Methylene Chloride		13	.5
11	Methyl tert-butyl ether (MTBE)		10	1.0
12	trans-1,2-dichioroethene		11	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		14	2.0
15	2,2-dichloropropane		8.5	.5
16	cis-1,2-dichloroethene		10	.5
17	Chloroform		9.7	.5
18	Bromochloromethane		11	.5
19	1,2-dichloroethane		9.5	.5
20	Surr_TOLUENE-D8		4.9	.5
21	1,1,1- trichloroethane		8.8	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		8.9	.5
24	Benzene		10	.5
25	Trichloroethene		9.7	.5
26	1,2-dichloropropane		10	.5
27	Dibromomethane		9.4	.5
28	Bromodichloromethane		8.9	.5
29	Methyl iso-butyl ketone		9.5	1.0
30	cis-1,3-dichloropropene		9.4	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		8.8	.5
33	1,1,2-trichloroethane		9.7	.5
34	Tetrachloroethene		9.8	.5
35	1,3-dichloropropane		10	.5
36	Dibromochloromethane		8.5	2.0
37	Chlorobenzene		10	.5
38	1,1,1,2-tetrachloroethane		9.4	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		20	.5
41	O-xylene		9.7	.5
42	Styrene		10	.5
43	1,1,2,2-tetrachloroethane		11	.5
44	Bromoform		8.0	2.0
45	Isopropylbenzene		10	.5
46	1,2,3-trichloropropane		9.6	.5
47	N-propylbenzene		10	.5
48	Bromobenzene		9.9	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:24:14

Sample: AE02089
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 2/7/02 01:08 Ended: 2/7/02 01:08 Analyst: BH
Result source: a:\0206c10b.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		9.9	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		9.4	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		9.9	.5
54	SEC-butylbenzene		10	.5
55	P-isopropyltoluene		10	.5
56	1,3-dichlorobenzene		10	.5
57	1,4-dichlorobenzene		10	.5
58	N-butylbenzene		10	.5
59	1,2-dichlorobenzene		10	.5
60	1,2,4-trichlorobenzene		10	.5
61	Hexachlobutadiene		9.9	.5
62	Naphthalene		9.8	.5
63	1,2,3-trichlorobenzene		10	.5
64	Nitrobenzene	LSPEC	73	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10B.D Vial: 3
Acq On : 7 Feb 2002 12:27 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 1:06 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	2242453	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	2242918	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	1041655	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	882168	4.54	ug/L	0.00
Spiked Amount 5.000			Recovery =	90.80%		
3) 4-BROMOFLUOROBENZENE	24.36	174	847173	4.93	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.60%		
25) TOLUENE-D8	18.47	98	2765332	4.94	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.80%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	496237	12.95	ug/L	99
5) CHLOROMETHANE	5.49	50	492671	11.04	ug/L	97
6) VINYL CHLORIDE	5.59	62	238273	9.78	ug/L	98
7) BROMOMETHANE	6.59	94	329285	10.09	ug/L	97
8) CHLOROETHANE	6.73	64	310330	10.78	ug/L	94
9) TRICHLOROFLUOROMETHANE	7.30	101	613393	9.11	ug/L	94
10) Isopropyl Alcohol	7.85	45	2641	22.71	ug/L	74
11) 1,1,2-Trichloro-1,2,2-trif	8.19	101	516532	10.32	ug/L	98
12) ACETONE	8.27	43	210909	17.43	ug/L	95
13) 1,1-DICHLOROETHENE	8.62	61	1135188	10.77	ug/L	99
14) METHYLENE CHLORIDE	9.63	49	1320422	12.66	ug/L	99
15) METHYL TERT BUTYL ETHER	9.93	73	1342488	10.24	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.29	61	1363508	10.68	ug/L	96
17) 1,1-DICHLOROETHANE	11.18	63	1619931	10.52	ug/L	98
18) 2-BUTANONE (MEK)	12.01	43	405452	14.26	ug/L	99
19) 2,2-DICHLOROPROPANE	12.40	77	1092027	8.47	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.50	96	957476	10.39	ug/L	96
21) CHLOROFORM	12.83	83	1668580	9.73	ug/L	97
22) BROMOCHLOROMETHANE	13.22	49	800357	10.85	ug/L	96
23) 1,2-DICHLOROETHANE	14.56	62	1148175	9.49	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.72	97	1255020	8.82	ug/L	99
27) 1,1-DICHLOROPROPENE	14.05	75	1280252	10.08	ug/L	99
28) CARBON TETRACHLORIDE	14.31	117	1028264	8.88	ug/L	99
29) BENZENE	14.64	78	3247315	10.38	ug/L	99
30) TRICHLOROETHENE	15.91	95	1009911	9.70	ug/L	99
31) 1,2-DICHLOROPROPANE	16.28	63	956495	10.47	ug/L	99
32) DIBROMOMETHANE	16.94	174	458526	9.39	ug/L	92
33) BROMODICHLOROMETHANE	16.80	83	1224431	8.89	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10B.D Vial: 3
Acq On : 7 Feb 2002 12:27 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 1:06 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

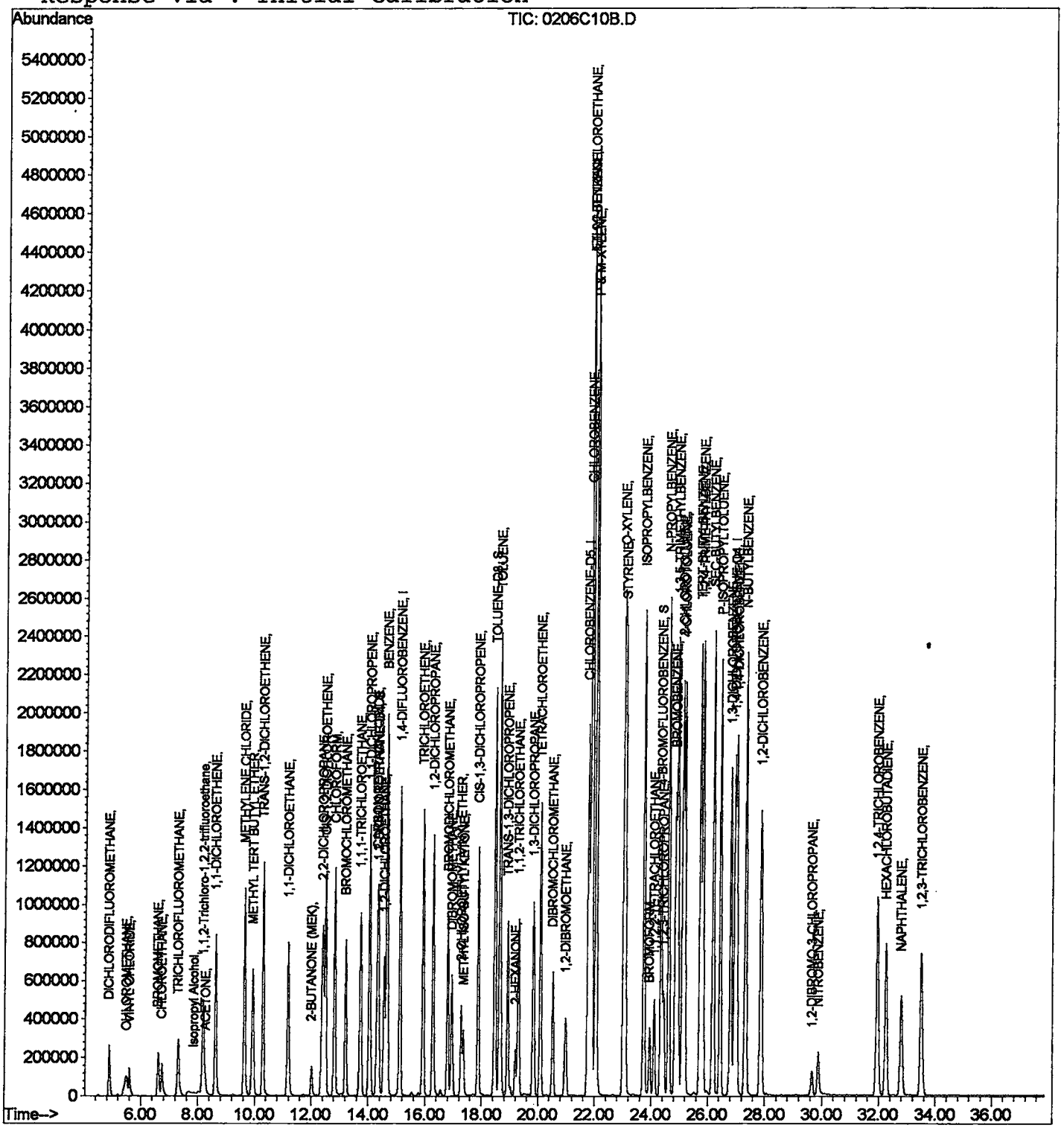
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	2-CHLOROETHYL VINYL ETHER	17.27	63	376956	9.69 ug/L	99
35)	METHYL ISO-BUTYL KETONE	17.36	58	192881	9.49 ug/L	100
36)	CIS-1,3-DICHLOROPROPENE	17.88	75	1323250	9.41 ug/L	98
37)	TOLUENE	18.65	91	3483592	10.05 ug/L	99
38)	TRANS-1,3-DICHLOROPROPENE	18.92	75	963806	8.81 ug/L	96
39)	1,1,2-TRICHLOROETHANE	19.31	97	583035	9.71 ug/L	99
40)	TETRACHLOROETHENE	20.09	166	959121	9.80 ug/L	95
41)	1,3-DICHLOROPROPANE	19.83	76	1138586	10.11 ug/L	99
42)	DIBROMOCHLOROMETHANE	20.53	129	704153	8.53 ug/L	98
43)	1,2-DIBROMOETHANE	20.98	107	633646	9.42 ug/L	96
44)	CHLOROBENZENE	21.85	112	2288352	10.11 ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.90	131	789179	9.38 ug/L	98
46)	2-HEXANONE	19.20	43	365065	9.53 ug/L	96
47)	ETHYLBENZENE	21.90	91	4101385	10.08 ug/L	98
48)	P & M-XYLENE	22.06	106	2746692	20.15 ug/L	97
49)	O-XYLENE	23.03	91	3250041	9.72 ug/L	97
50)	STYRENE	23.08	104	2324206	9.97 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	648639	10.89 ug/L	96
53)	BROMOFORM	23.94	173	357846	8.04 ug/L	98
54)	ISOPROPYLBENZENE	23.75	105	3673905	10.08 ug/L	100
55)	1,2,3-TRICHLOROPROPANE	24.42	110	187095	9.57 ug/L	97
56)	N-PROPYLBENZENE	24.62	91	4706404	10.23 ug/L	99
57)	BROMOBENZENE	24.86	156	925677	9.85 ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.93	105	3076624	9.85 ug/L	98
59)	2-CHLOROTOLUENE	25.10	91	3155859	10.40 ug/L	100
60)	4-CHLOROTOLUENE	25.17	91	2609826	9.43 ug/L	96
61)	TERT-BUTYLBENZENE	25.73	119	2797160	10.02 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.82	105	3234622	9.95 ug/L	100
63)	SEC-BUTYLBENZENE	26.18	105	3911452	10.31 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	2957385	10.08 ug/L	98
65)	1,3-DICHLOROBENZENE	26.81	146	1697732	10.03 ug/L	97
66)	1,4-DICHLOROBENZENE	27.02	146	1703889	10.02 ug/L	99
67)	N-BUTYLBENZENE	27.33	91	3128170	10.35 ug/L	98
68)	1,2-DICHLOROBENZENE	27.87	146	1484985	10.03 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	86446	8.11 ug/L	93
70)	1,2,4-TRICHLOROBENZENE	31.96	180	967986	10.03 ug/L	96
71)	HEXACHLOROBUTADIENE	32.26	225	455124	9.92 ug/L	98
72)	NAPHTHALENE	32.80	128	1302216	9.82 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.51	180	780284	10.06 ug/L	97
74)	NITROBENZENE	29.87	77	304005	72.99 ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\0206C10B.D Vial: 3
Acq On : 7 Feb 2002 12:27 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 1:06 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:28:58

Sample: AE02381
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/7/02 01:51 Ended: 2/7/02 01:51 Analyst: BH
Result source: a:\2381f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.6	.5
2	Surr_4-BROMOFLUOROBENZE		4.8	.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		5.0	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	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: 02/07/2002 Time: 12:28:58

Sample: AE02381
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/7/02 01:51 Ended: 2/7/02 01:51 Analyst: BH
Result source: a:\2381f.rr
Page: 2

	Component Name	Viol	Result	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\02feb06\2381F.D Vial: 8
Acq On : 7 Feb 2002 1:11 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 1:49 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1905394	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1879933	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	877727	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	752348	4.56	ug/L	0.02
Spiked Amount 5.000			Recovery =	91.20%		
3) 4-BROMOFLUOROBENZENE	24.37	174	703649	4.81	ug/L	0.02
Spiked Amount 5.000			Recovery =	96.20%		
25) TOLUENE-D8	18.49	98	2333873	4.97	ug/L	0.02
Spiked Amount 5.000			Recovery =	99.40%		
Target Compounds						Qvalue
5) CHLOROMETHANE	5.66	50	7765	0.20	ug/L	84
10) Isopropyl Alcohol	7.87	45	8446	85.47	ug/L	48
12) ACETONE	8.27	43	156694	15.24	ug/L	92
14) METHYLENE CHLORIDE	9.63	49	82646	~~0.93 ug/~~L		98
15) METHYL TERT BUTYL ETHER	9.93	73	14116	0.13	ug/L	89
18) 2-BUTANONE (MEK)	12.03	43	115935	4.80	ug/L	99
70) 1,2,4-TRICHLOROBENZENE	31.98	180	10661	0.13	ug/L	99
71) HEXACHLOROBUTADIENE	32.27	225	4223	0.11	ug/L	89
72) NAPHTHALENE	32.81	128	38319	0.34	ug/L	97
73) 1,2,3-TRICHLOROBENZENE	33.51	180	13936	0.21	ug/L	87

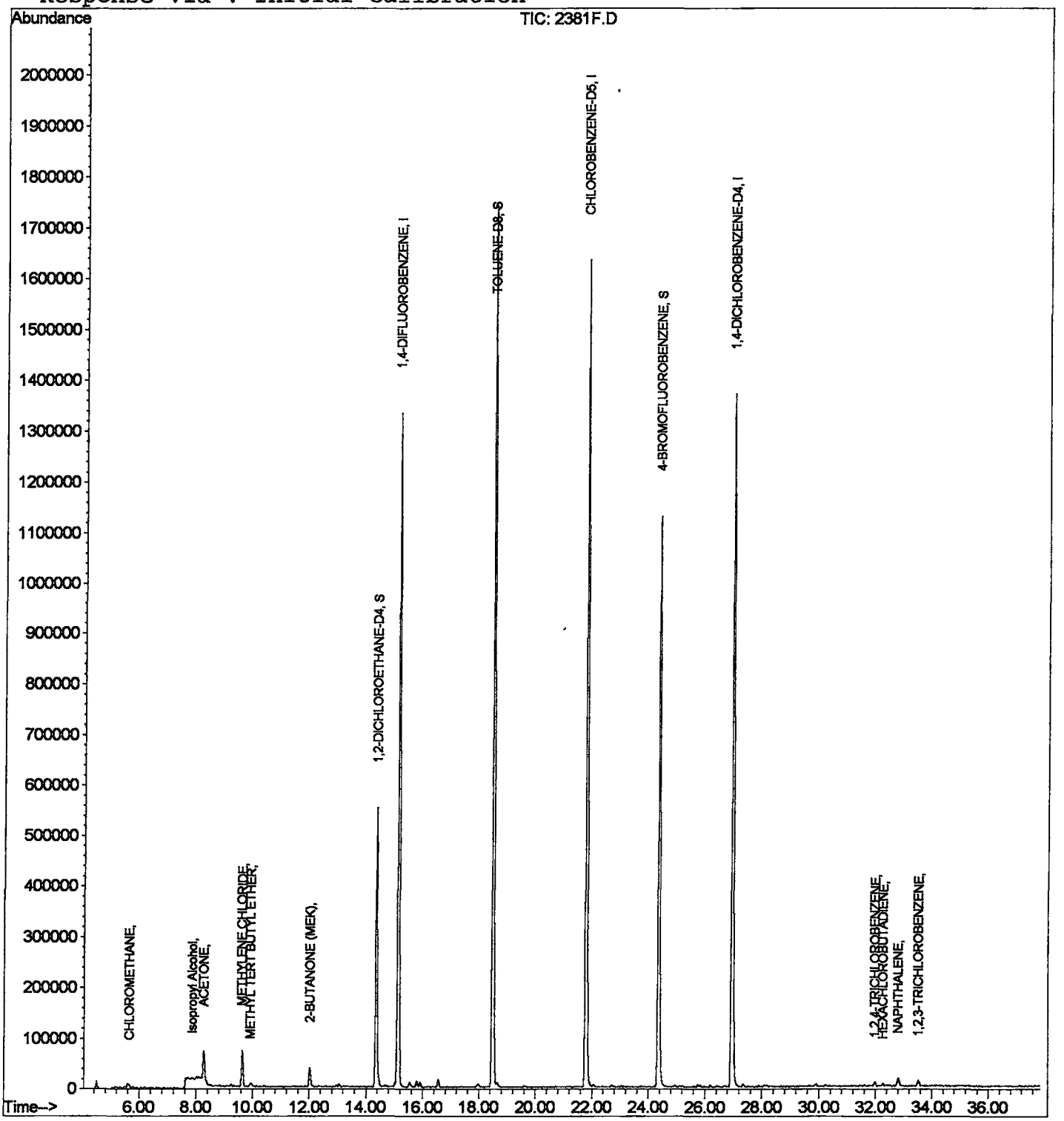
cl

(#) = qualifier out of range (m) = manual integration
2381F.D HP013102.M Thu Feb 07 01:49:48 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381F.D Vial: 8
Acq On : 7 Feb 2002 1:11 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 1:49 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381F.D
Acq On : 7 Feb 2002 1:11 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

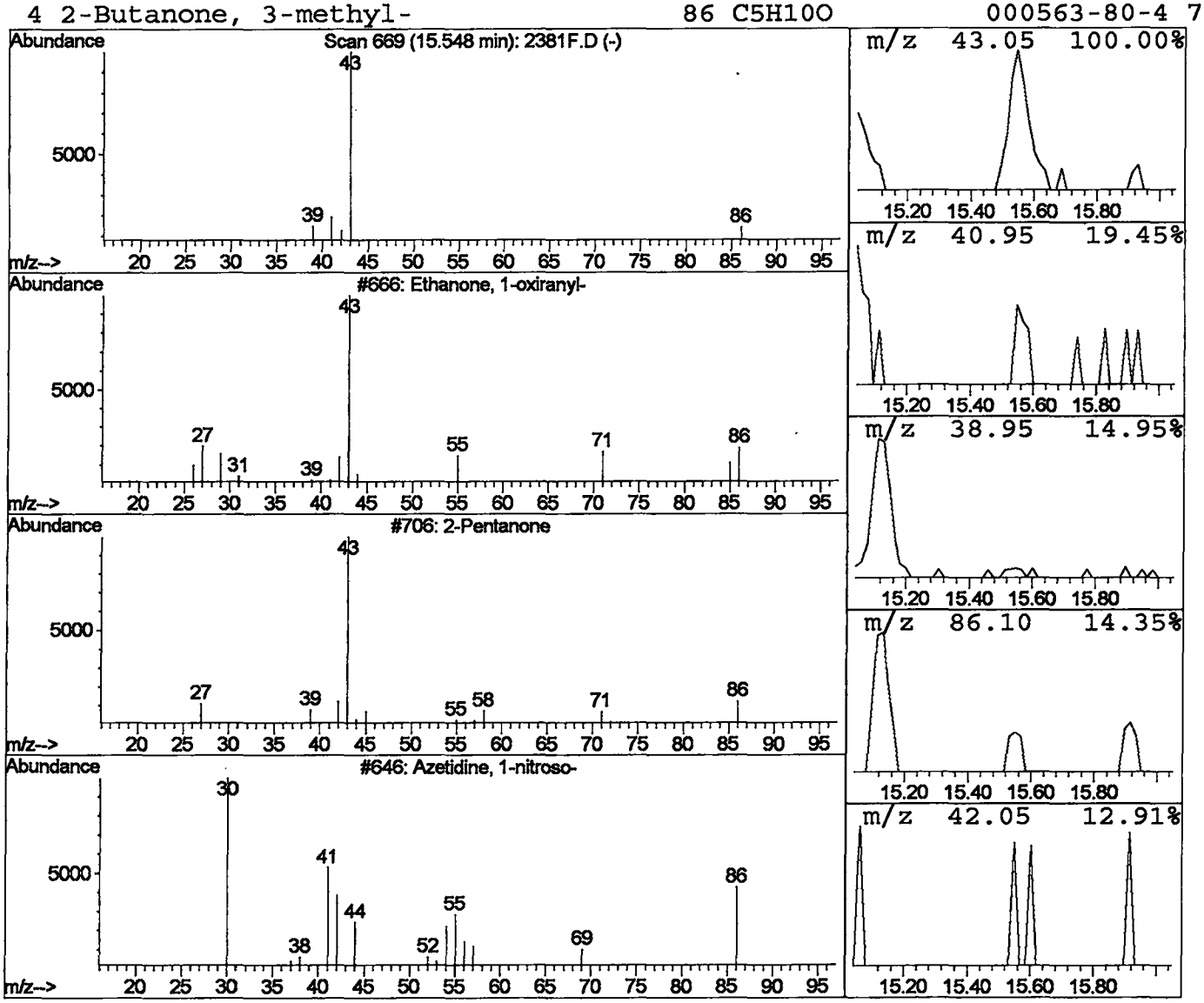
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethanone, 1-oxiranyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	0.04 ug/L	38438	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	9
2	2-Pentanone	86	C5H10O	000107-87-9	9
3	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381F.D
Acq On : 7 Feb 2002 1:11 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

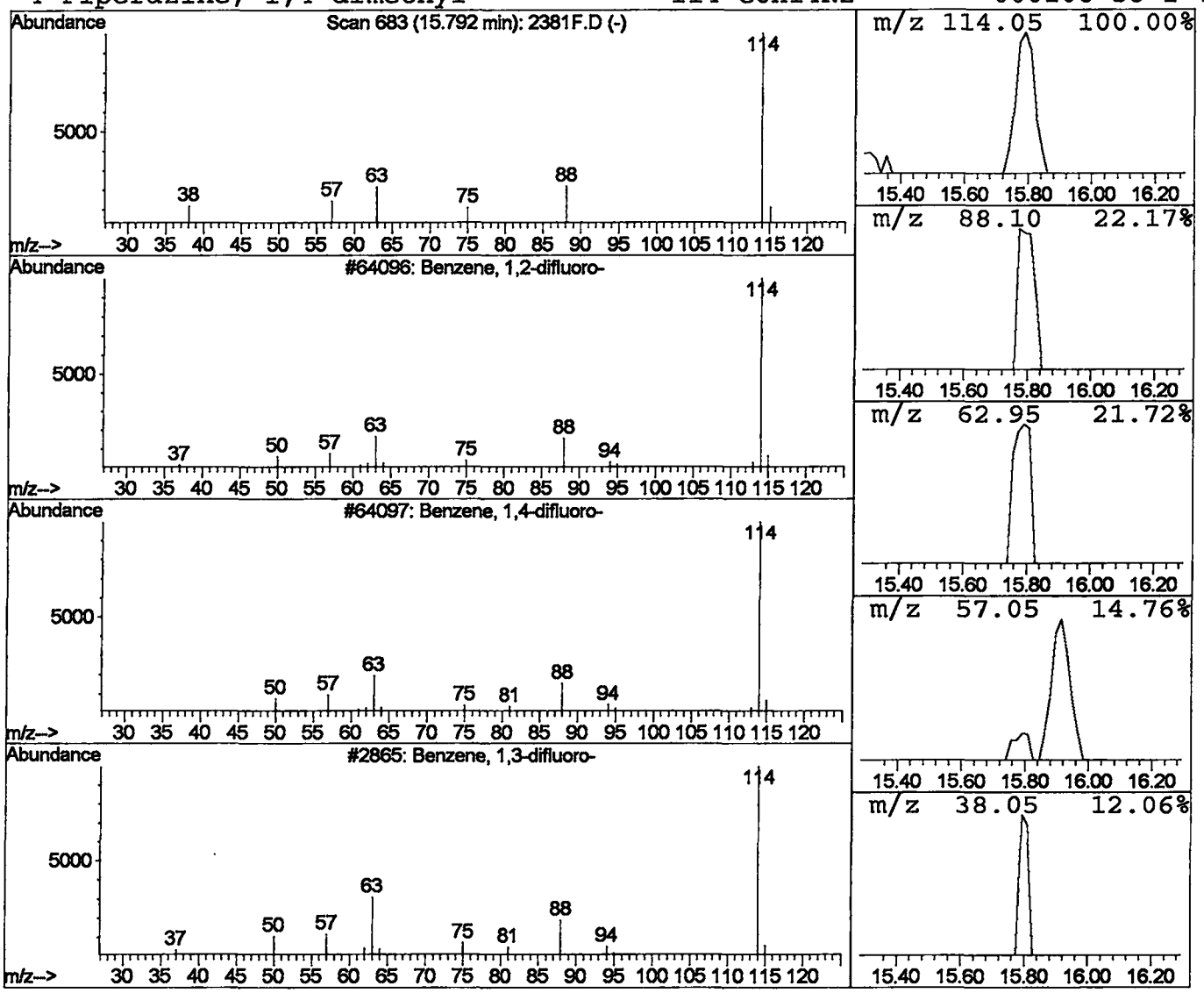
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Benzene, 1,2-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.05 ug/L	51236	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	83
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	74
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	72
4	Piperazine, 1,4-dimethyl-	114	C6H14N2	000106-58-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381F.D Vial: 8
Acq On : 7 Feb 2002 1:11 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

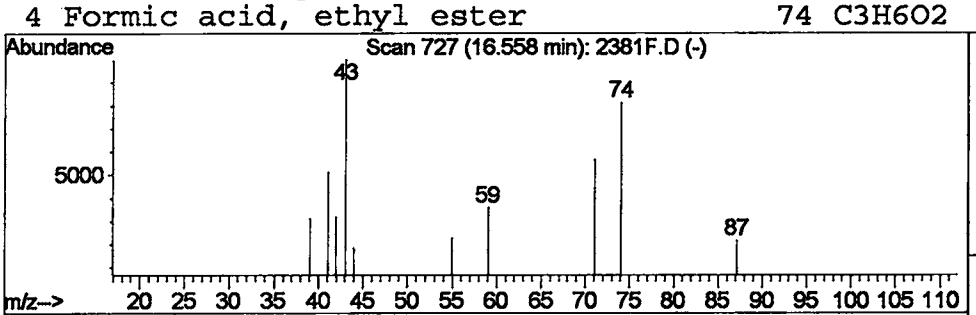
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

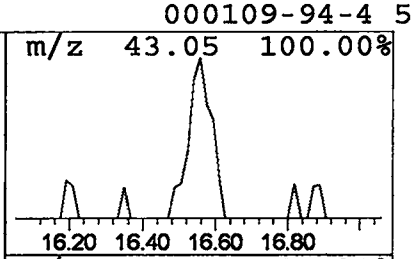
****

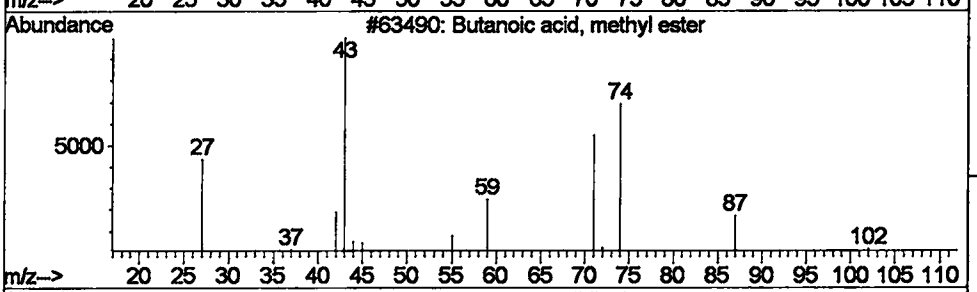
Peak Number 3 Butanoic acid, methyl ester Concentration Rank 1

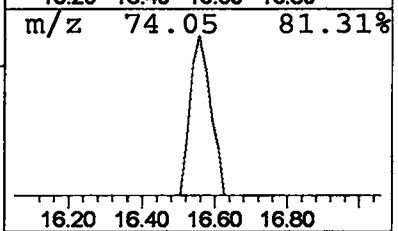
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	0.06 ug/L	61081	1,4-DIFLUOROBENZENE	15.13

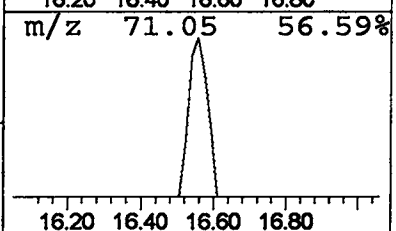
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	74
2	3-Pyrrolidinol	87	C4H9NO	040499-83-0	12
3	Oxirane, butyl-	100	C6H12O	001436-34-6	9
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	5

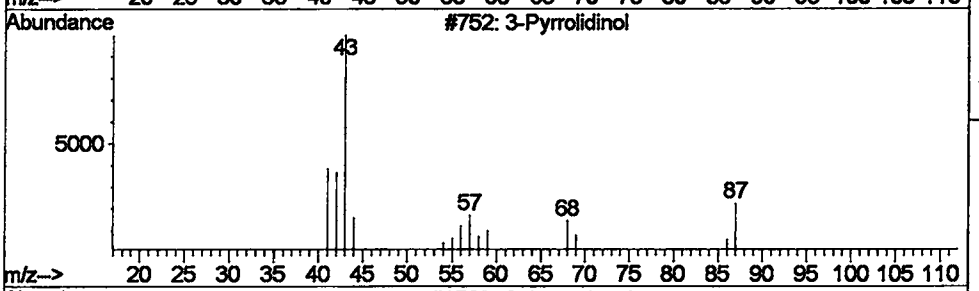


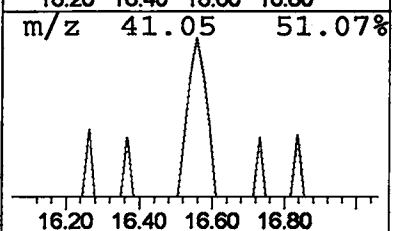


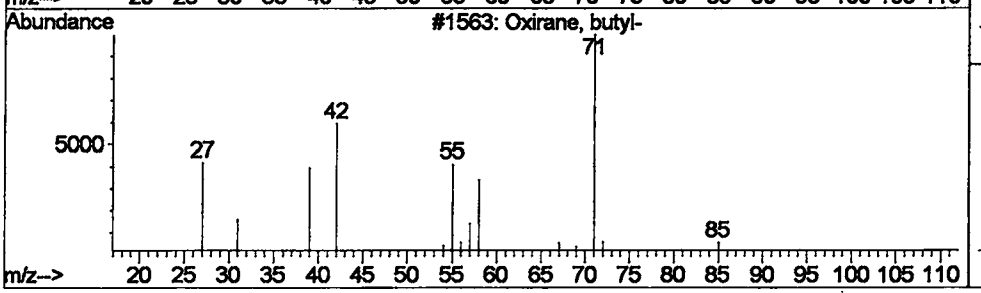


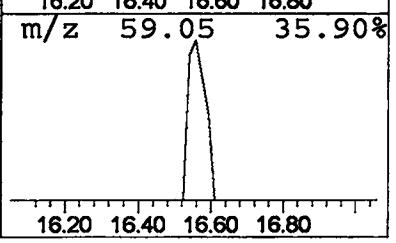












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2381F.D
Acq On : 7 Feb 2002 1:11 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

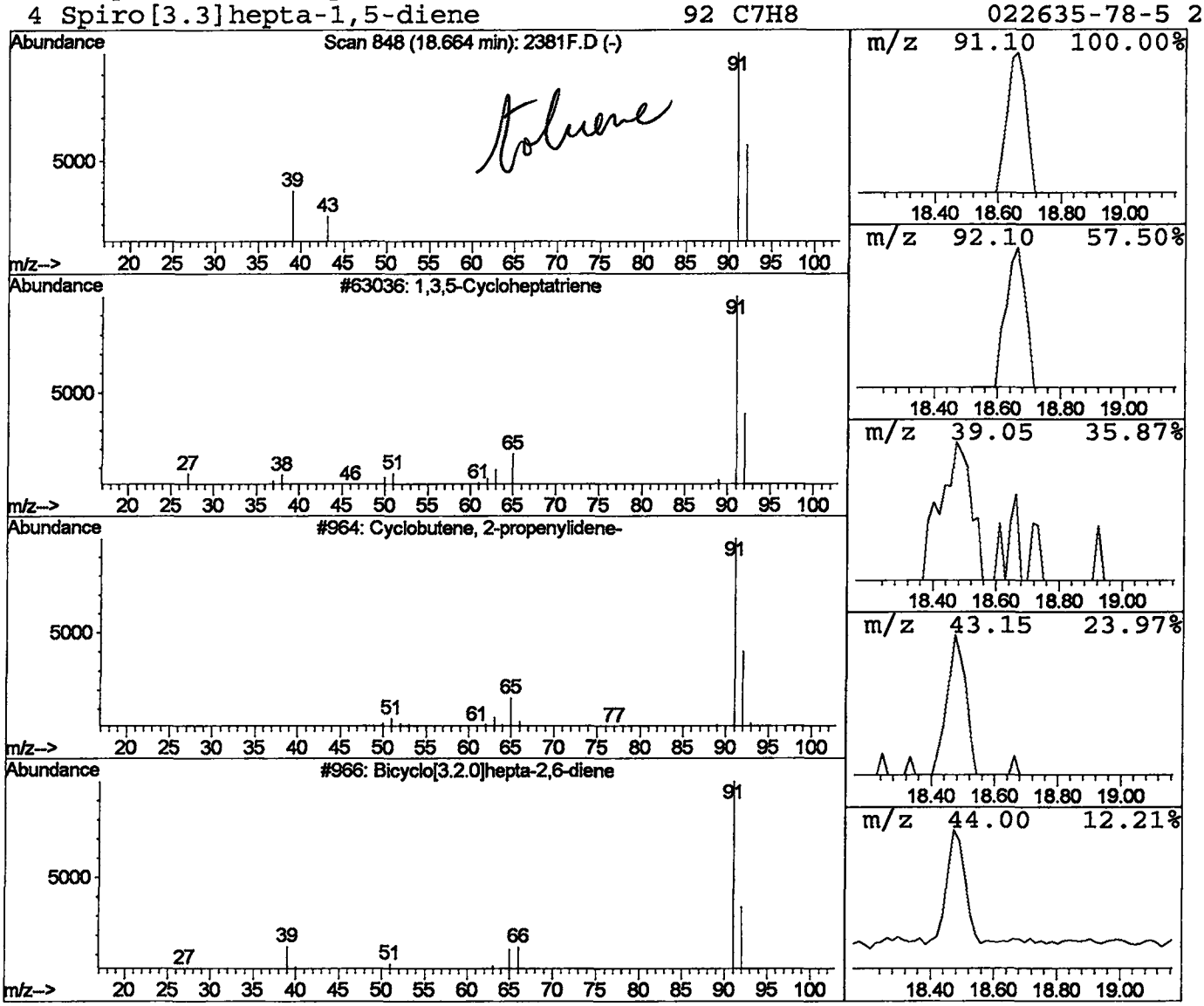
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	0.04 ug/L	49732	CHLOROBENZENE-D5	21.78

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:29:21

Sample: AE02382
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/7/02 02:34 Ended: 2/7/02 02:34 Analyst: BH
Result source: a:\2382.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8	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 BV
DATE 2/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:29:21

Sample: AE02382
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/7/02 02:34 Ended: 2/7/02 02:34 Analyst: BH
Result source: a:\2382.rr
Page: 2

	Component Name	Viol	Result	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\02feb06\2382.D Vial: 10
Acq On : 7 Feb 2002 1:54 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 2:33 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	2259508	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	2233051	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	1012097	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	887169	4.53	ug/L	0.00
Spiked Amount 5.000			Recovery =	90.60%		
3) 4-BROMOFLUOROBENZENE	24.36	174	824181	4.76	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.20%		
25) TOLUENE-D8	18.47	98	2779226	4.99	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.80%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.86	45	3673	31.34	ug/L	61
12) ACETONE	8.27	43	75867	6.22	ug/L	89
14) METHYLENE CHLORIDE	9.63	49	86369	~~0.82~~	ug/L	94
15) METHYL TERT BUTYL ETHER	9.94	73	15946	0.12	ug/L	85
18) 2-BUTANONE (MEK)	12.02	43	139519	4.87	ug/L	96

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

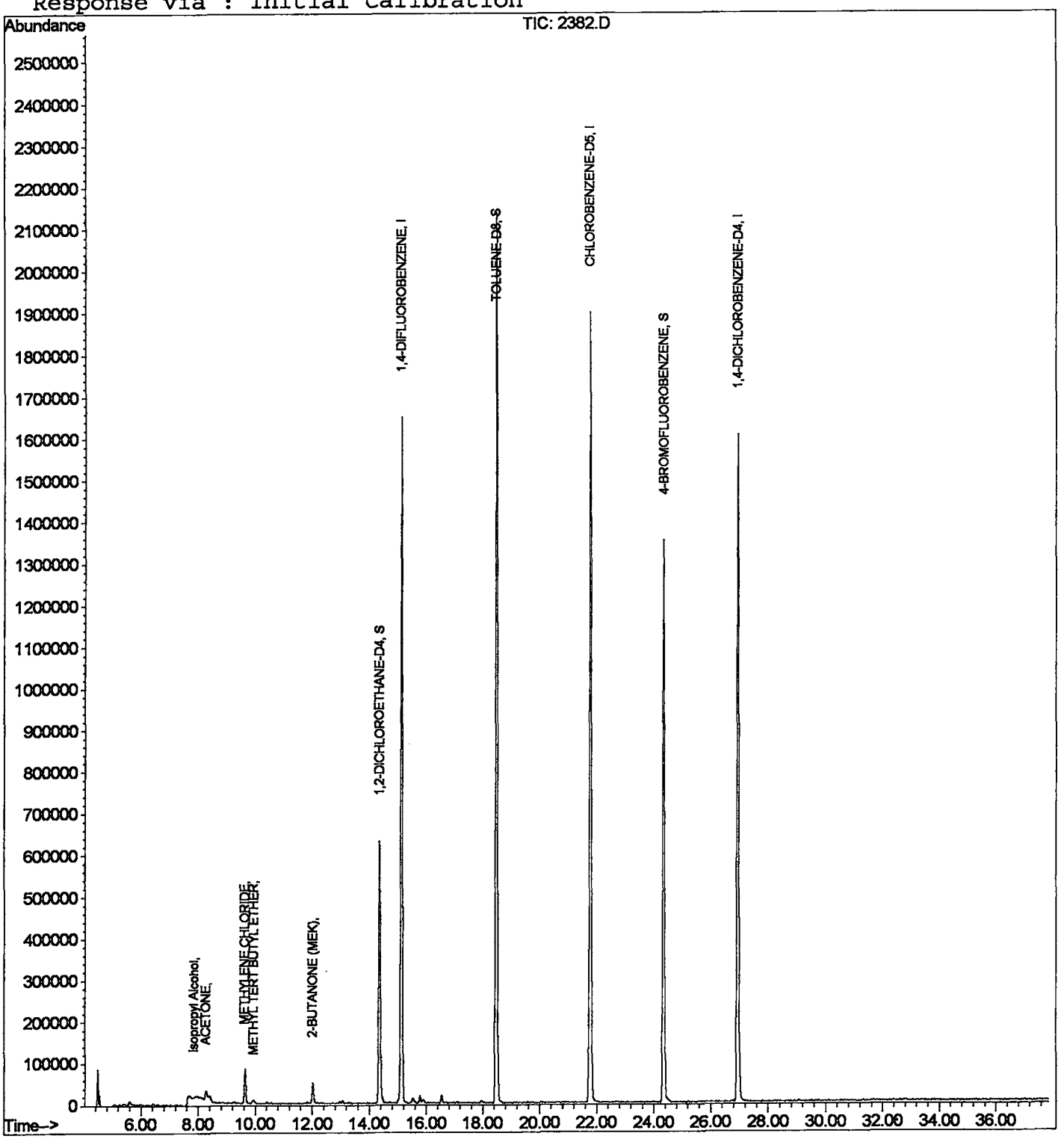
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2382.D
Acq On : 7 Feb 2002 1:54 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 7 2:33 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2382.D
Acq On : 7 Feb 2002 1:54 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

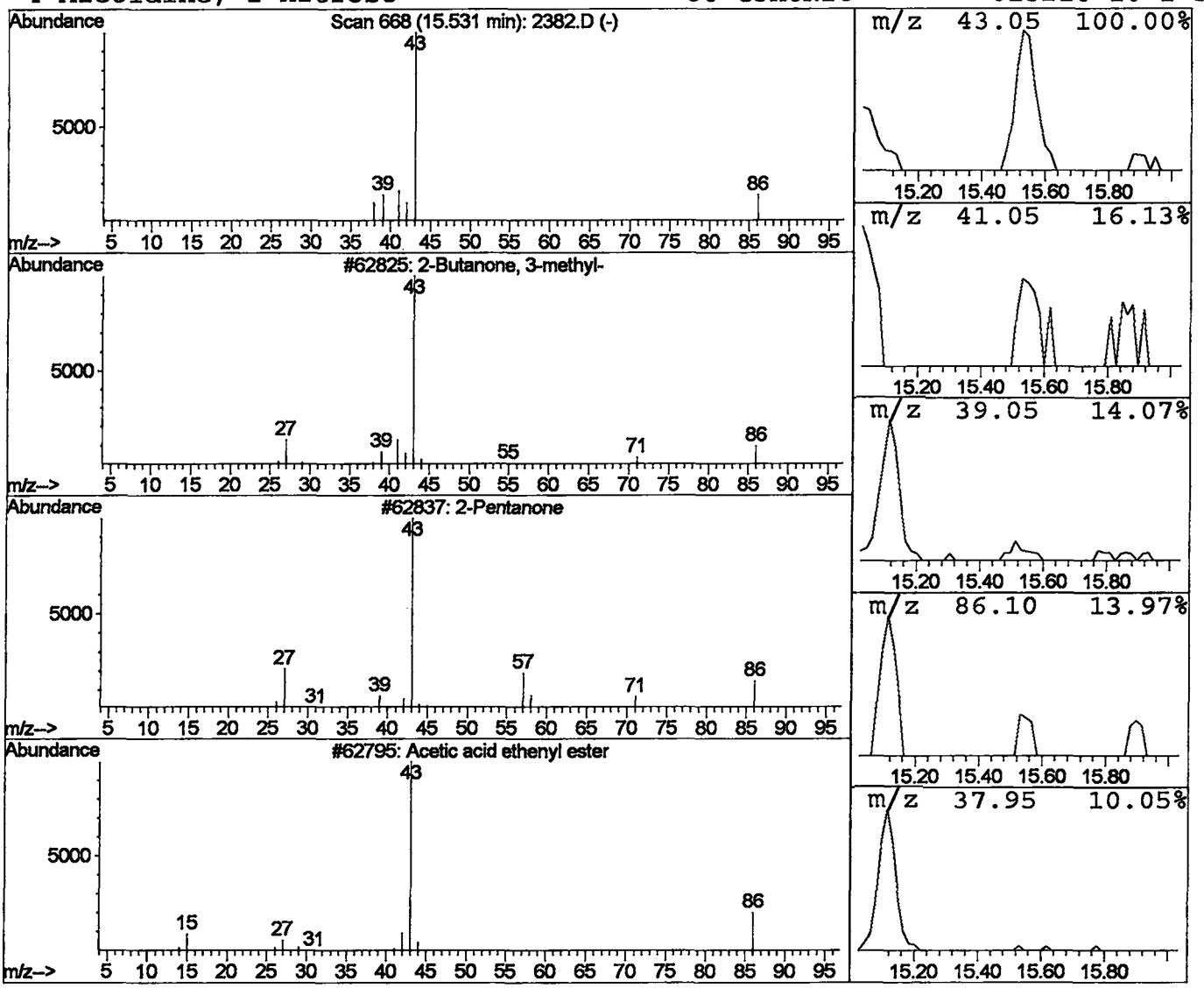
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	53345	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
2	2-Pentanone	86	C5H10O	000107-87-9	7
3	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	5
4	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2382.D
Acq On : 7 Feb 2002 1:54 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

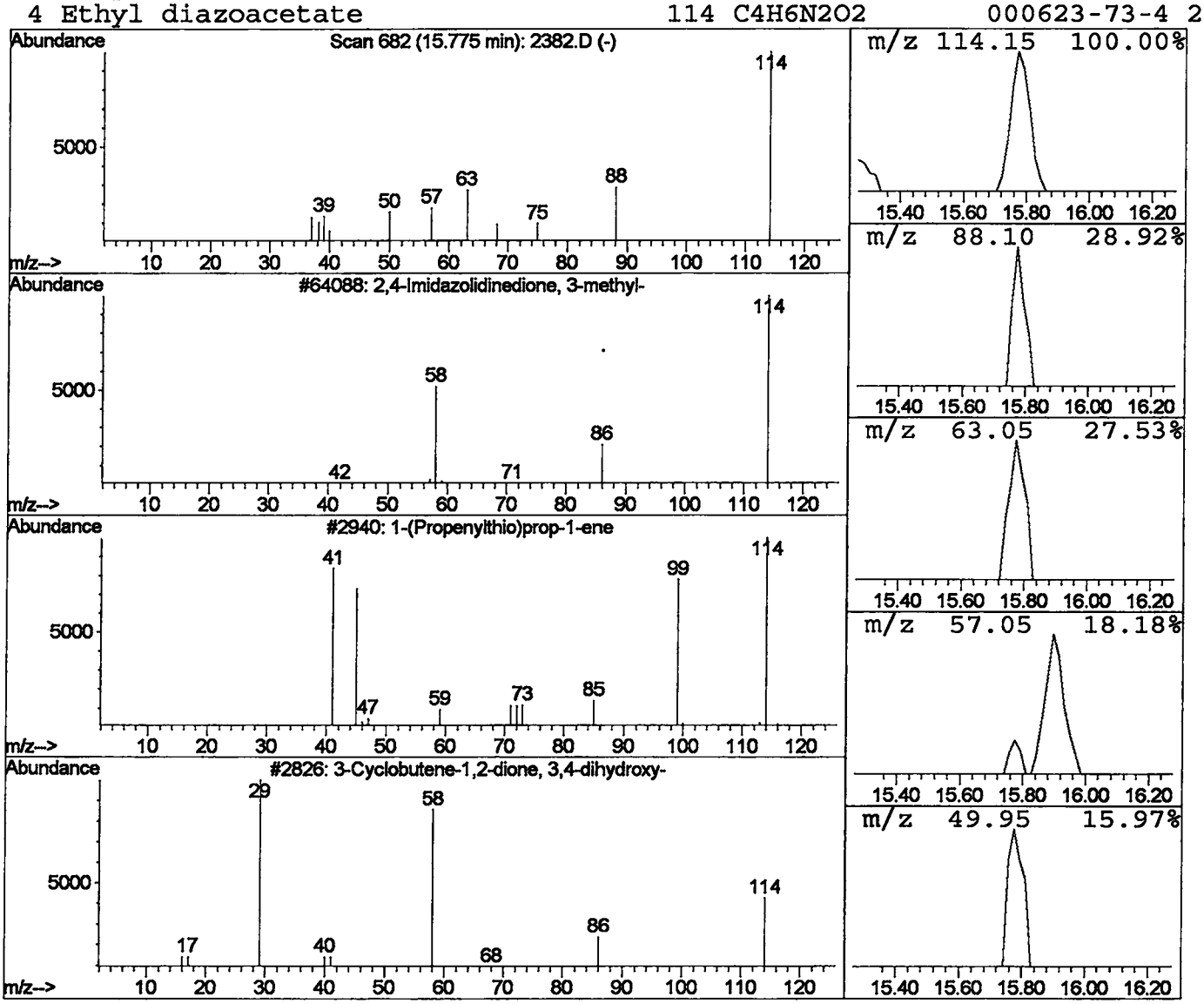
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	55098	1,4-DIFLUOROBENZENE	15.11

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	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2382.D
Acq On : 7 Feb 2002 1:54 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

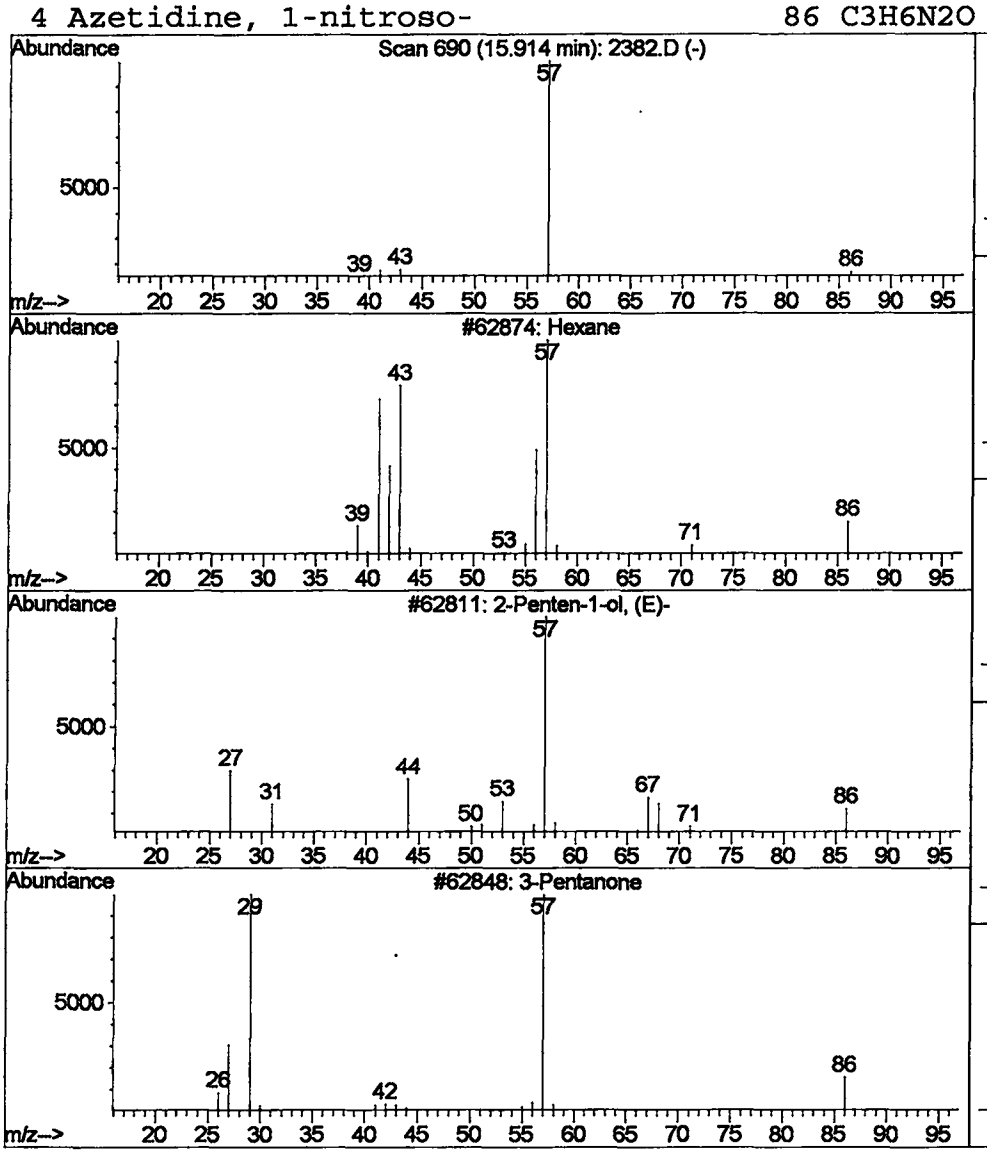
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

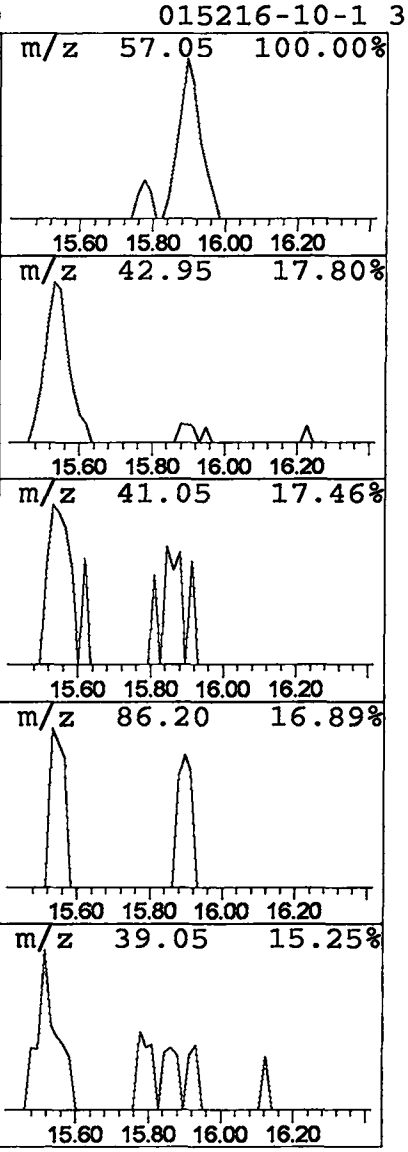
****

Peak Number 3 Hexane — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	0.03 ug/L	37285	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	5
2	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4
3	3-Pentanone	86	C5H10O	000096-22-0	4
4	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	3





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2382.D
Acq On : 7 Feb 2002 1:54 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

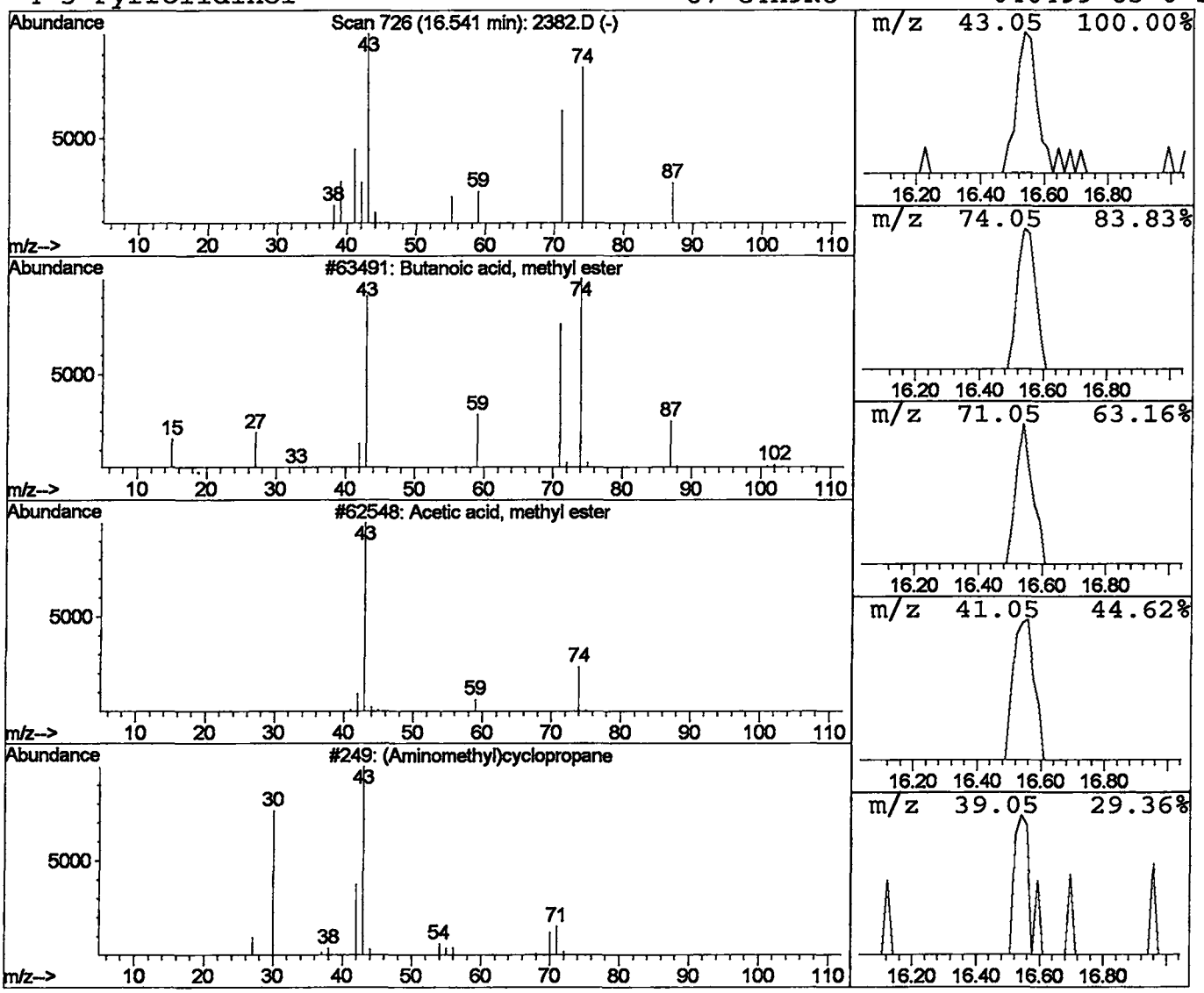
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.06 ug/L	74752	1,4-DIFLUOROBENZENE	15.11

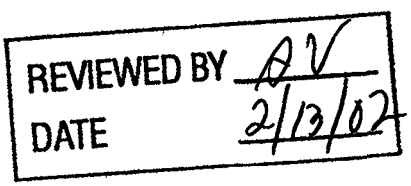
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	56
2	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	9
3	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	7
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:29:46

Sample: AE02384
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/7/02 03:18 Ended: 2/7/02 03:18 Analyst: BH
Result source: a:\2384.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8	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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:29:46

Sample: AE02384
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/7/02 03:18 Ended: 2/7/02 03:18 Analyst: BH
Result source: a:\2384.rr
Page: 2

	Component Name	Viol	Result	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\02feb06\2384.D Vial: 12
Acq On : 7 Feb 2002 2:38 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 3:16 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1940447	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1923867	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	884265	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	771581	4.59	ug/L	0.02
Spiked Amount 5.000			Recovery =	91.80%		
3) 4-BROMOFLUOROBENZENE	24.35	174	711545	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.60%		
25) TOLUENE-D8	18.47	98	2359031	4.91	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.20%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.89	45	2667	26.50	ug/L	90
12) ACETONE	8.27	43	73456	7.02	ug/L	97
14) METHYLENE CHLORIDE	9.63	49	75900	~~0.84~~	~~ug/L~~	98
15) METHYL TERT BUTYL ETHER	9.94	73	13817	0.12	ug/L	95
18) 2-BUTANONE (MEK)	12.03	43	123684	~~5.03~~	~~ug/L~~	98

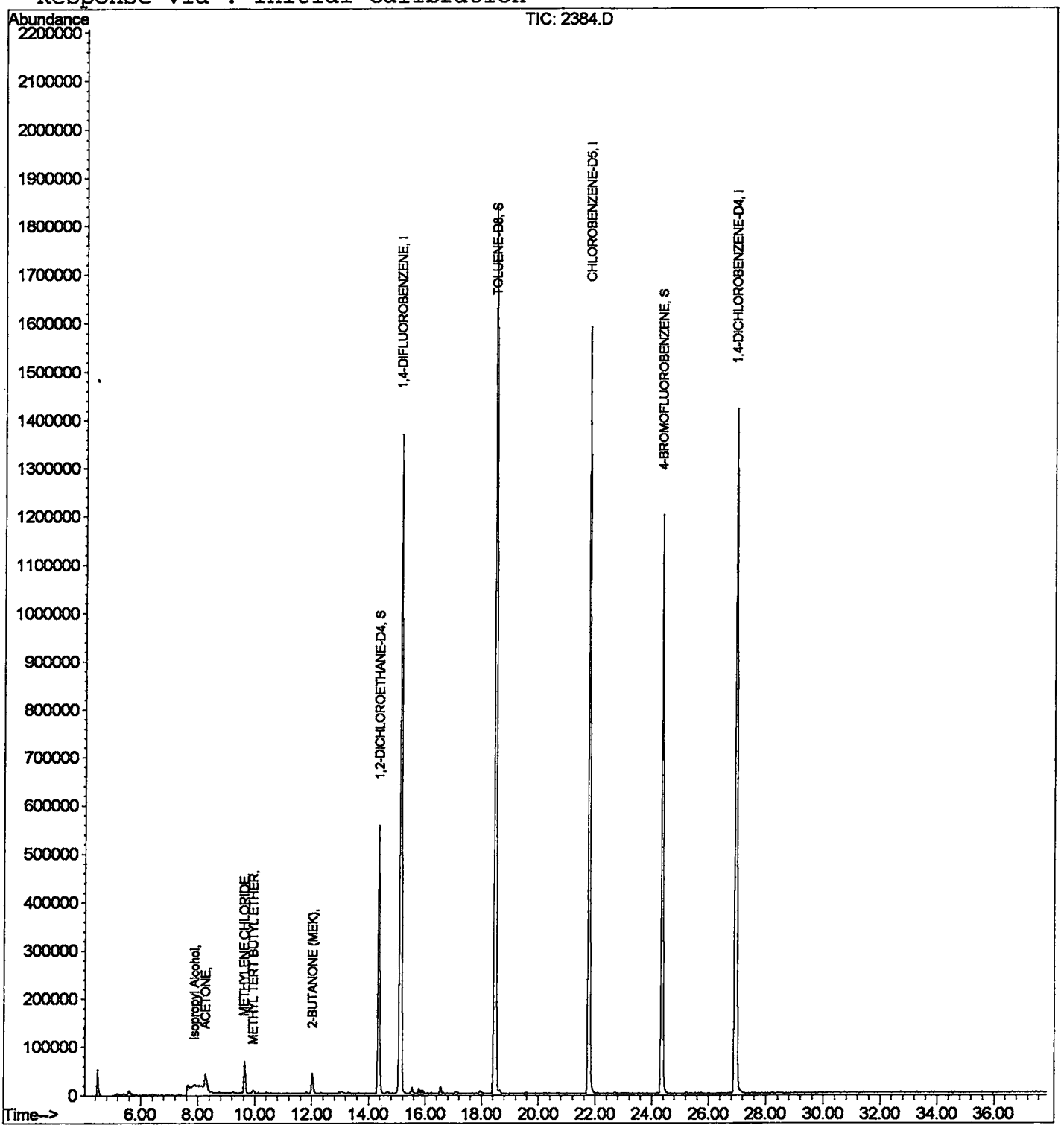
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2384.D
Acq On : 7 Feb 2002 2:38 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 7 3:16 2002

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2384.D
Acq On : 7 Feb 2002 2:38 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

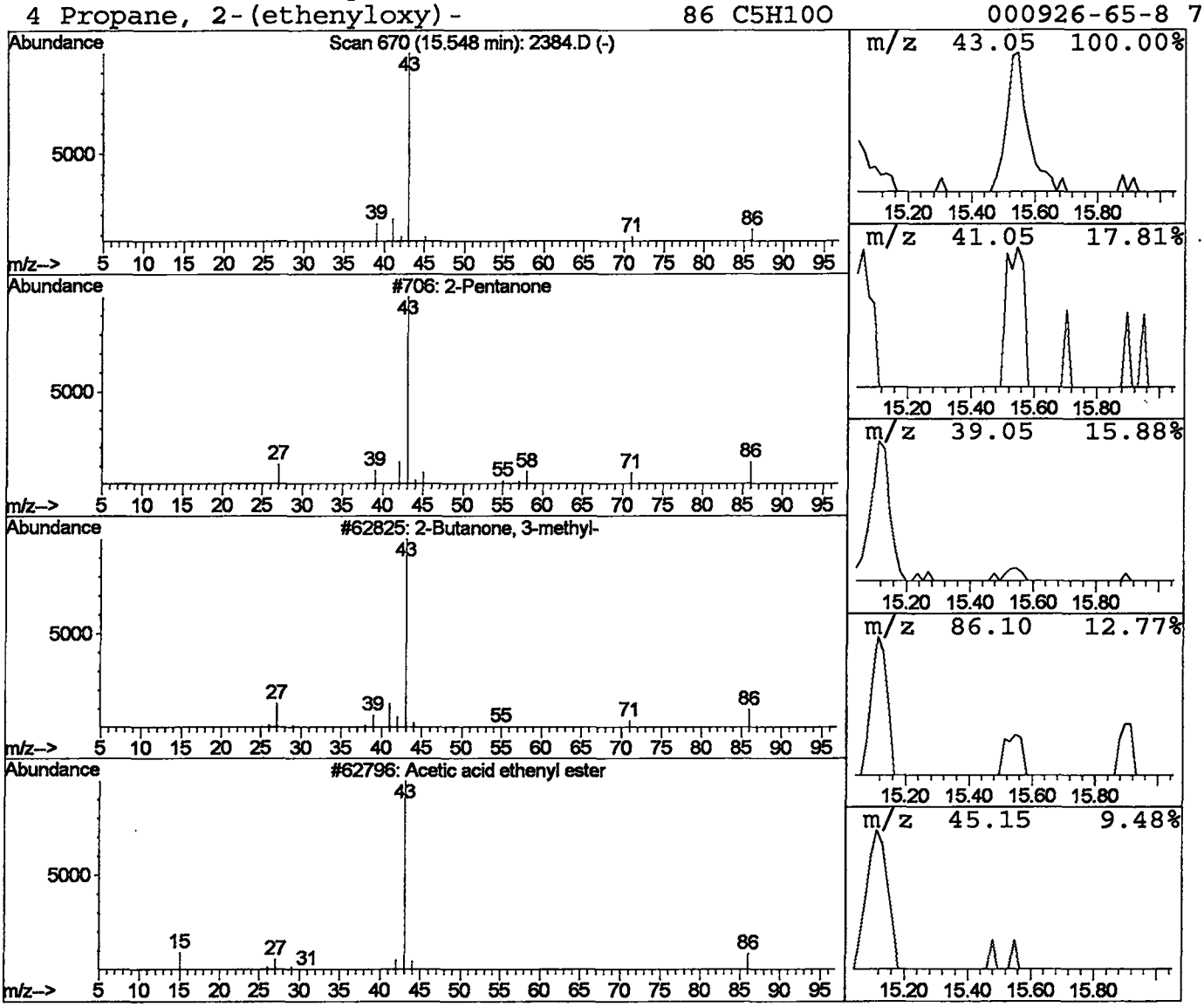
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	0.05 ug/L	52188	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	74
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
3	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	7
4	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2384.D
Acq On : 7 Feb 2002 2:38 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

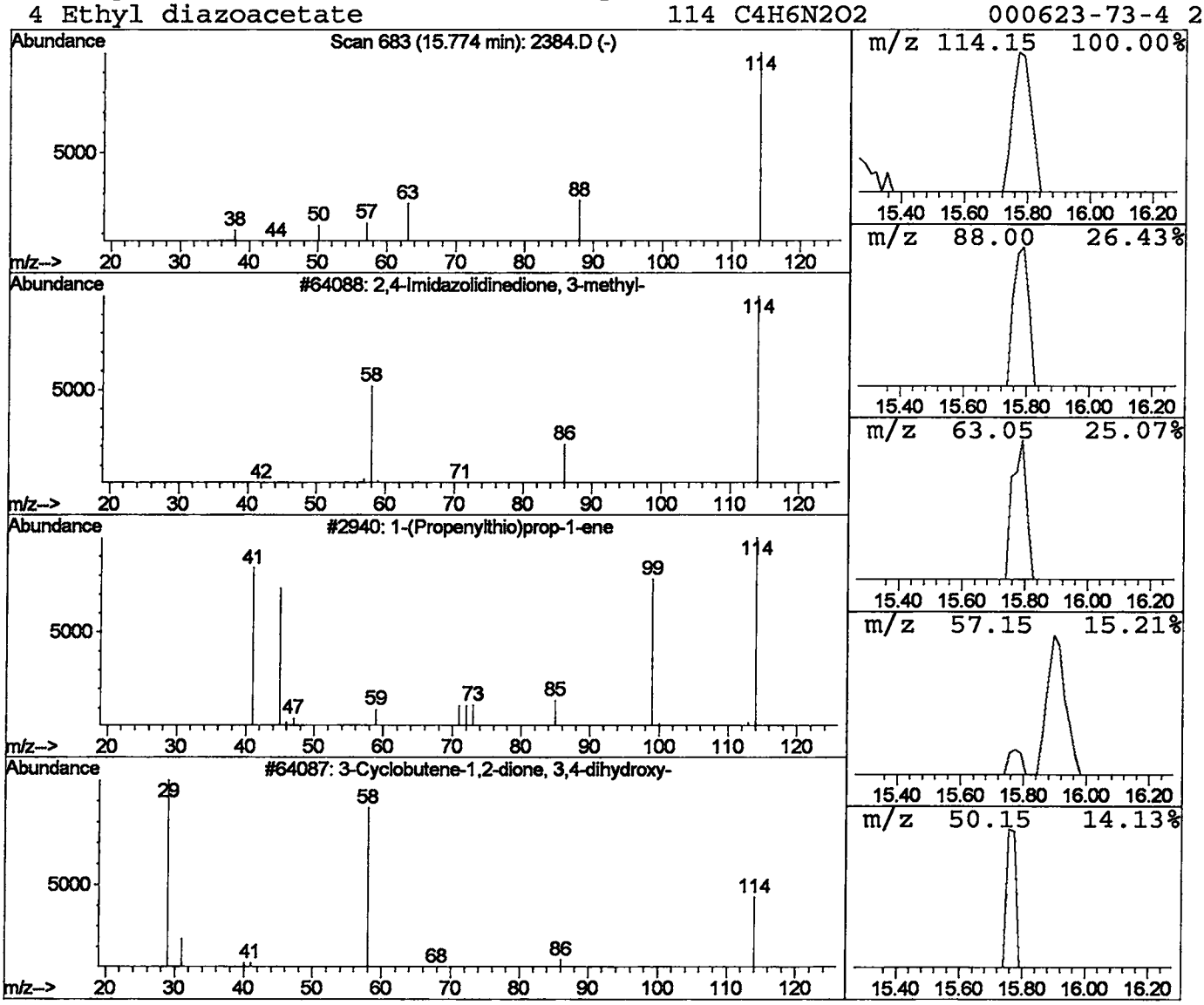
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	42752	1,4-DIFLUOROBENZENE	15.11

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	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2384.D
Acq On : 7 Feb 2002 2:38 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

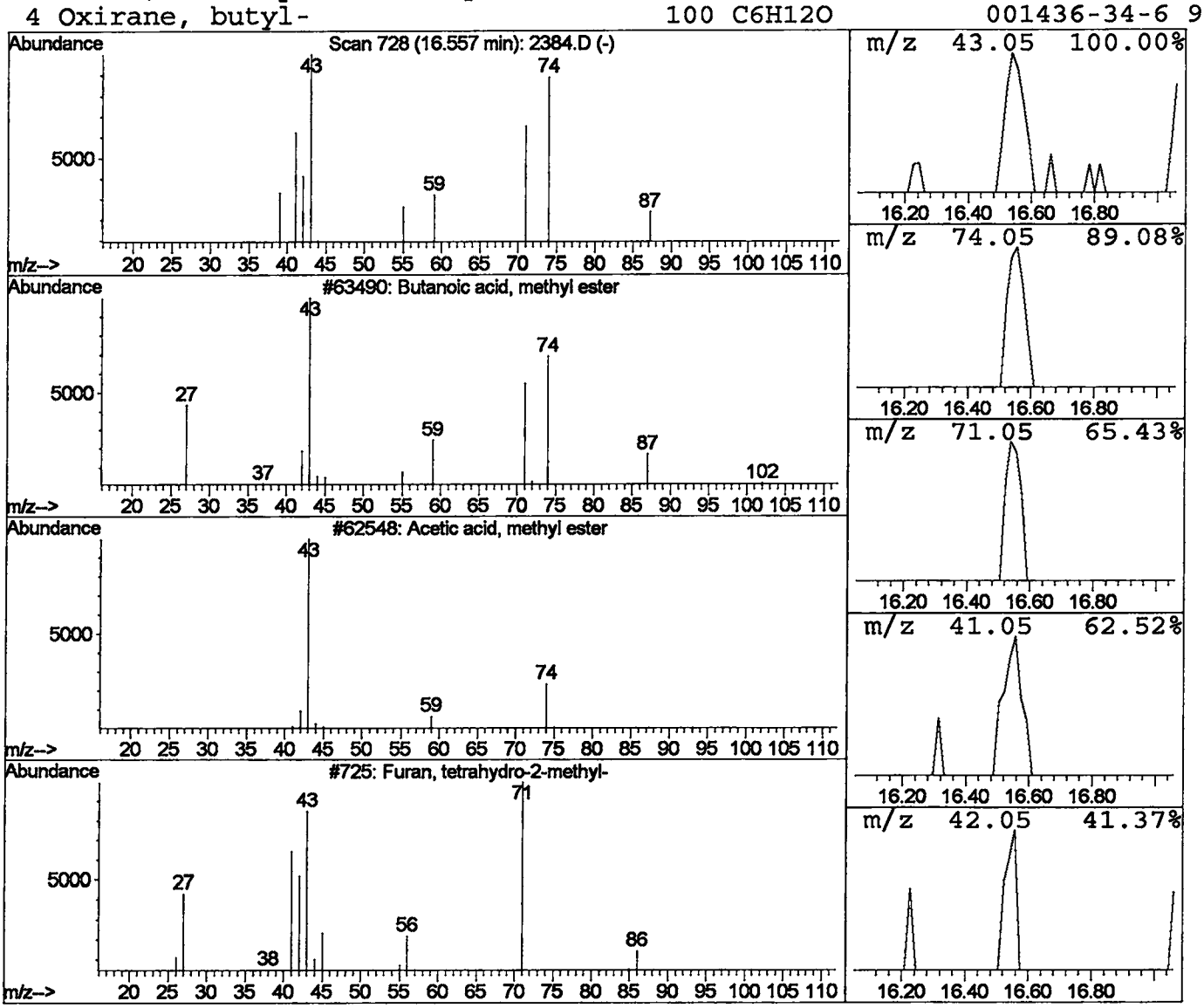
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	0.05 ug/L	56340	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78
2	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	9
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9
4	Oxirane, butyl-	100	C6H12O	001436-34-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2384.D
Acq On : 7 Feb 2002 2:38 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

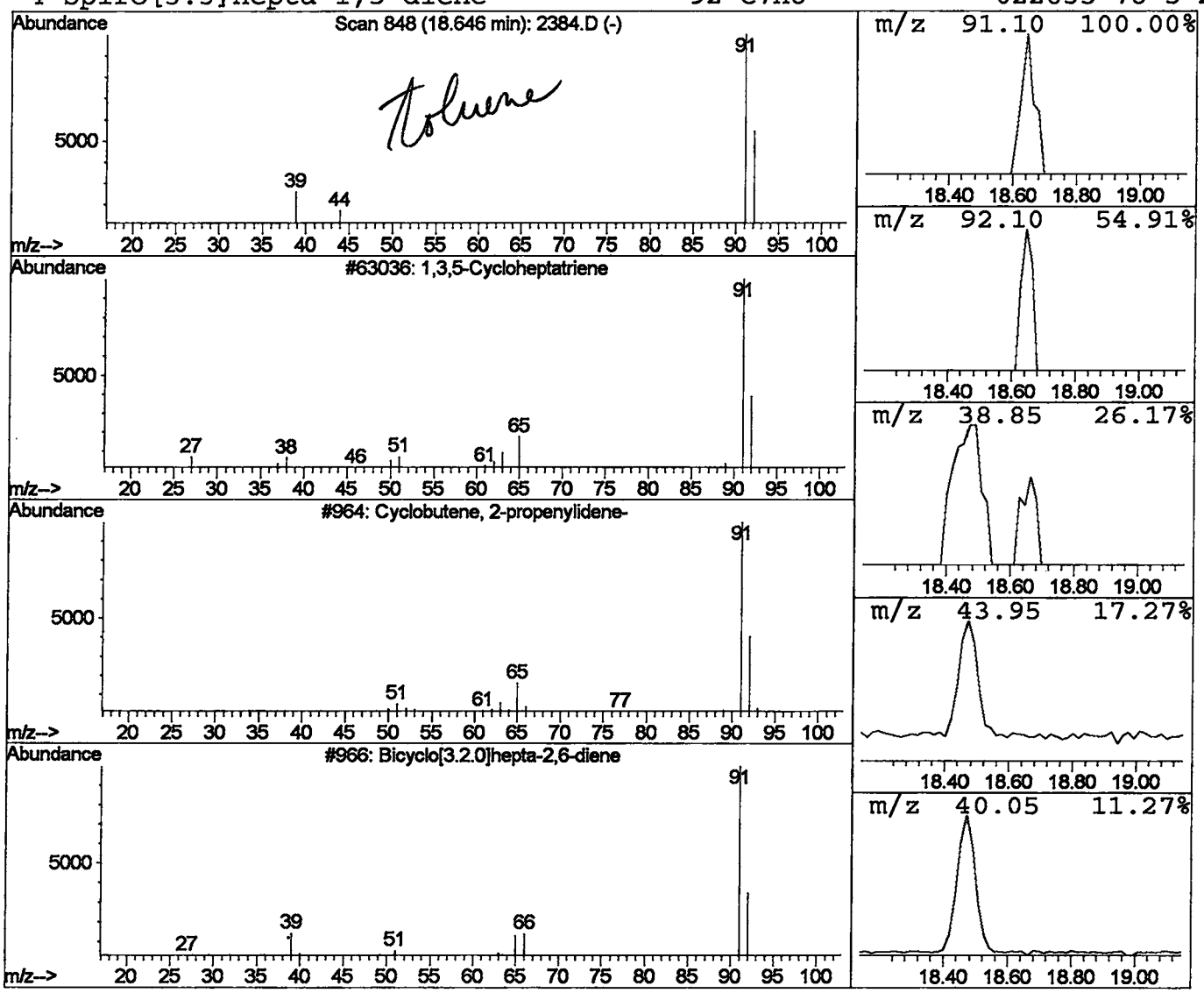
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	0.02 ug/L	31665	CHLOROBENZENE-D5	21.78

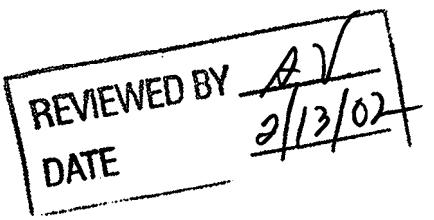
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	4
2	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	4
3	Bicyclo[3.2.0]hepta-2,6-diene	92	C7H8	002422-86-8	4
4	Spiro[3.3]hepta-1,5-diene	92	C7H8	022635-78-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:30:11

Sample: AE02385
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/7/02 04:01 Ended: 2/7/02 04:01 Analyst: BH
Result source: a:\2385.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.8	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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:30:11

Sample: AE02385
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/7/02 04:01 Ended: 2/7/02 04:01 Analyst: BH
Result source: a:\2385.rr
Page: 2

	Component Name	Vial	Result	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\02feb06\2385.D Vial: 13
Acq On : 7 Feb 2002 3:21 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 3:59 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	2199333	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	2188778	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	994755	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	869654	4.57	ug/L	0.02
Spiked Amount 5.000			Recovery =	91.40%		
3) 4-BROMOFLUOROBENZENE	24.35	174	812372	4.82	ug/L	0.00
Spiked Amount 5.000			Recovery =	96.40%		
25) TOLUENE-D8	18.47	98	2702584	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.00%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.89	45	2272	19.92	ug/L	73
12) ACETONE	8.27	43	82489	6.95	ug/L	90
14) METHYLENE CHLORIDE	9.63	49	81176	~~0.79 ug/L~~		99
15) METHYL TERT BUTYL ETHER	9.94	73	10477	0.08	ug/L	78
18) 2-BUTANONE (MEK)	12.03	43	134595	~~4.83 ug/L~~		99

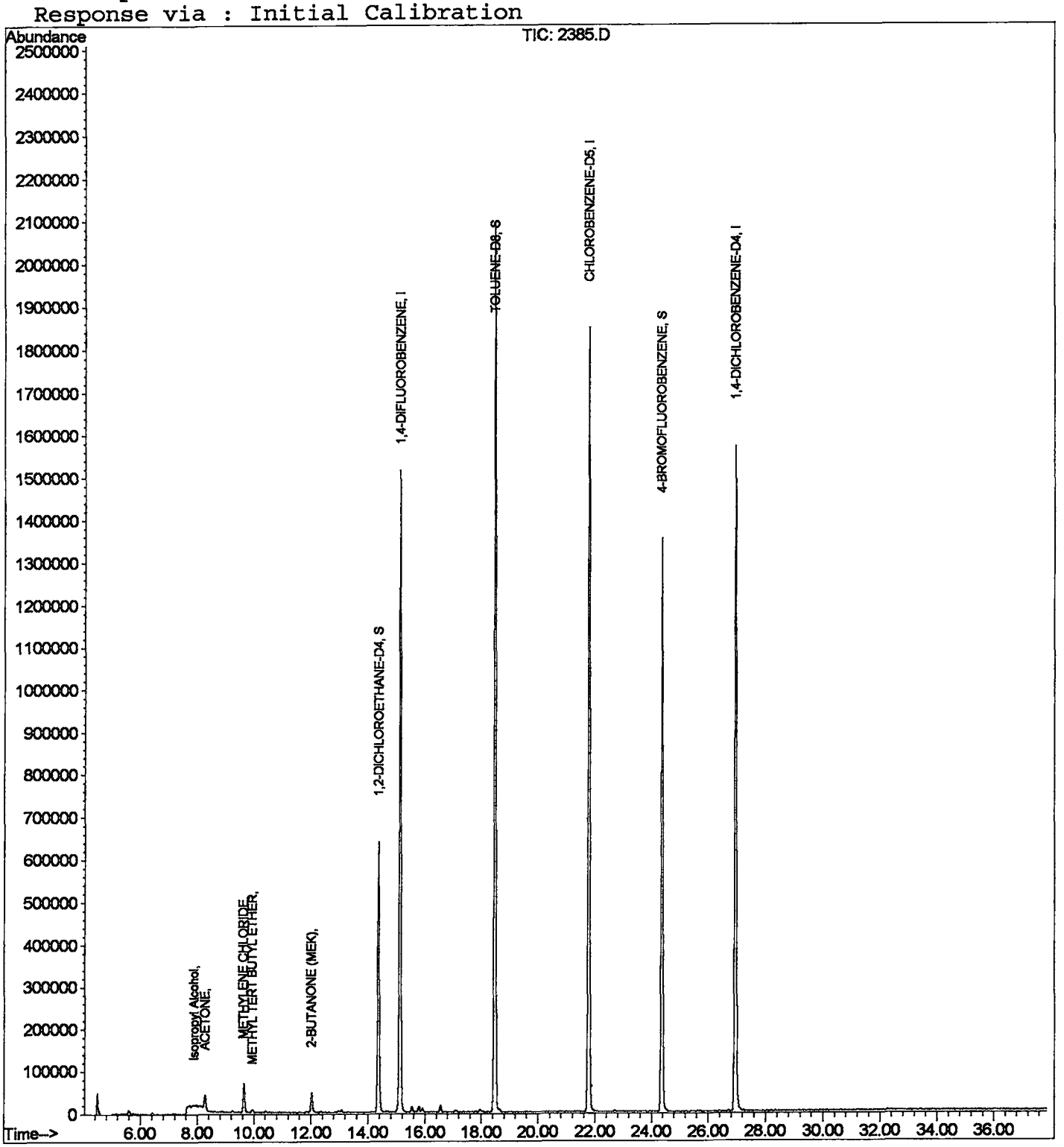
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385.D
Acq On : 7 Feb 2002 3:21 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 7 3:59 2002

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385.D
Acq On : 7 Feb 2002 3:21 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

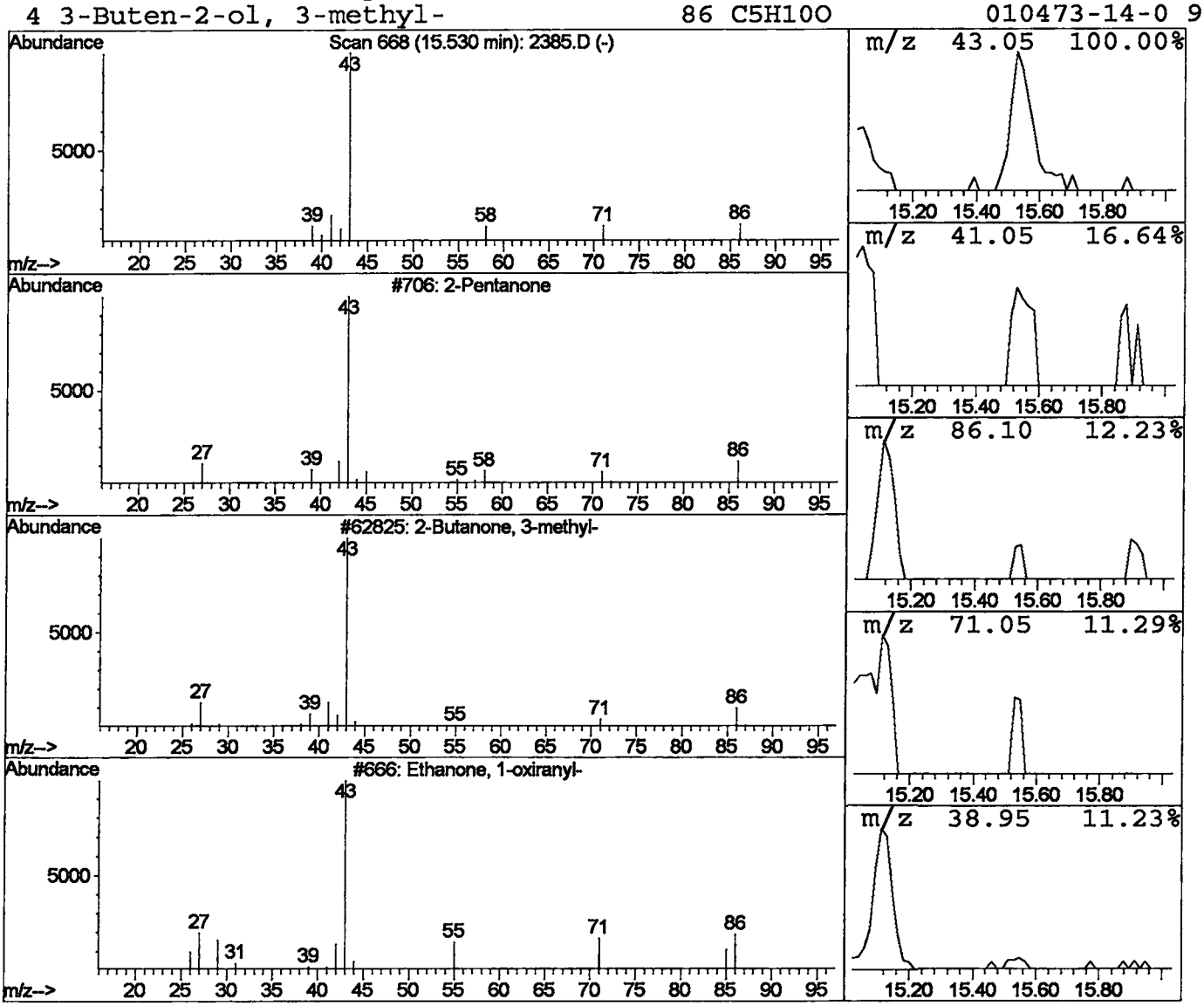
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.05 ug/L	54879	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	83
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	45
3	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	9
4	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB06\2385.D
Acq On : 7 Feb 2002 3:21 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

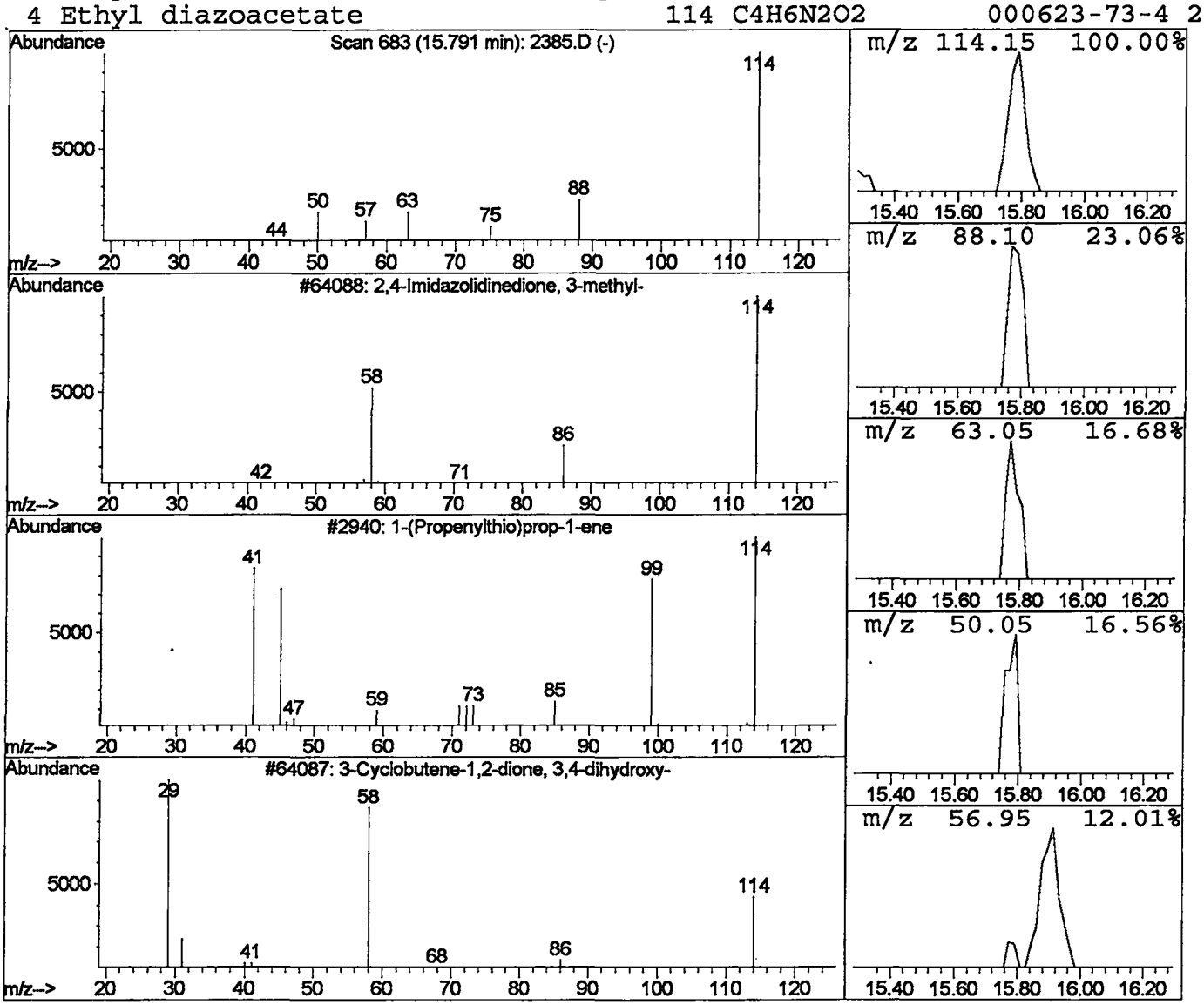
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	45479	1,4-DIFLUOROBENZENE	15.13

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	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385.D
Acq On : 7 Feb 2002 3:21 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

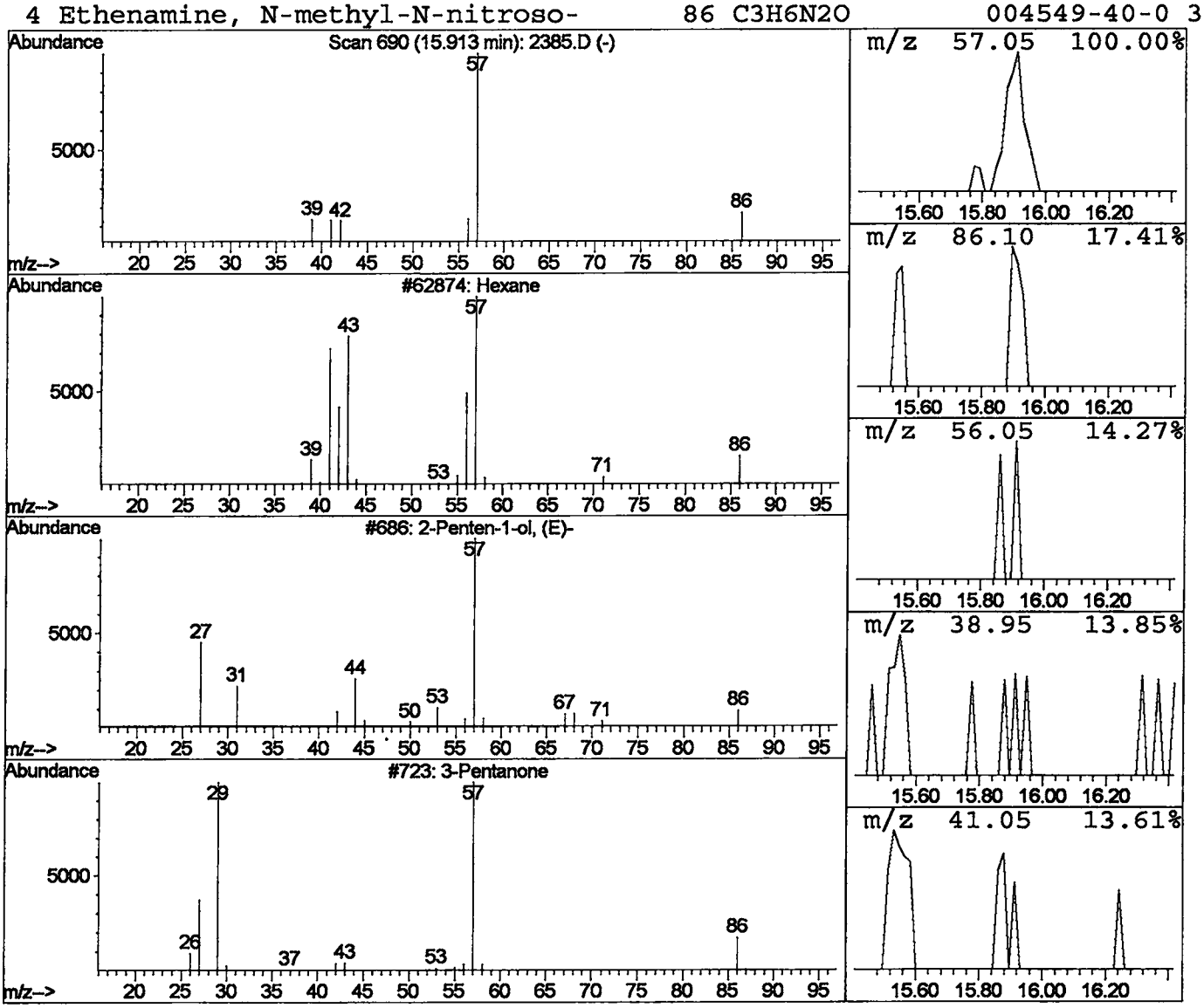
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexane — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	0.03 ug/L	36441	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	7
2	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4
3	3-Pentanone	86	C5H10O	000096-22-0	4
4	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385.D
Acq On : 7 Feb 2002 3:21 am
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

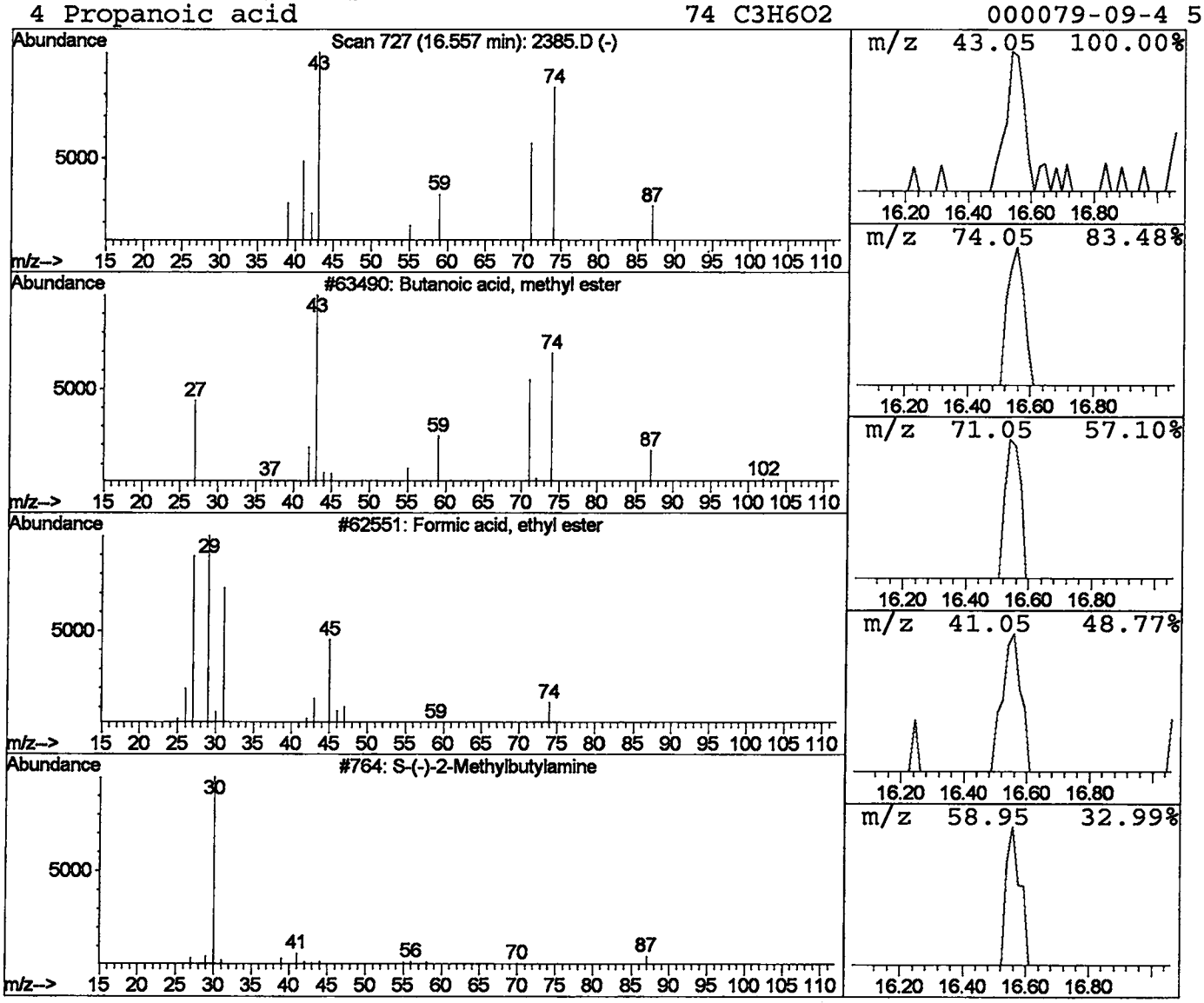
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	0.05 ug/L	62219	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	5
3	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	5
4	Propanoic acid	74	C3H6O2	000079-09-4	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:30:35

Sample: AE02385
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/7/02 04:44 Ended: 2/7/02 04:44 Analyst: BH
Result source: a:\2385f.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.6	.5
2	Surr_4-BROMOFLUOROBENZE		4.8	.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		5.0	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	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: 02/07/2002 Time: 12:30:35

Sample: AE02385
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/7/02 04:44 Ended: 2/7/02 04:44 Analyst: BH
Result source: a:\2385f.rr
Page: 2

	Component Name	Viol	Result	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\02feb06\2385F.D Vial: 14
Acq On : 7 Feb 2002 4:04 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 4:43 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	2211235	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	2179149	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	997141	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	874716	4.57	ug/L	0.02
Spiked Amount 5.000			Recovery =	91.40%		
3) 4-BROMOFLUOROBENZENE	24.36	174	813975	4.80	ug/L	0.00
Spiked Amount 5.000			Recovery =	96.00%		
25) TOLUENE-D8	18.47	98	2717624	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.00%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.91	45	13621	118.77	ug/L	50
12) ACETONE	8.27	43	268491	22.51	ug/L	100
14) METHYLENE CHLORIDE	9.63	49	90111	~~0.88~~	~~ug/L~~	98
15) METHYL TERT BUTYL ETHER	9.94	73	13994	0.11	ug/L	78
18) 2-BUTANONE (MEK)	12.03	43	134928	~~4.81~~	~~ug/L~~	97

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

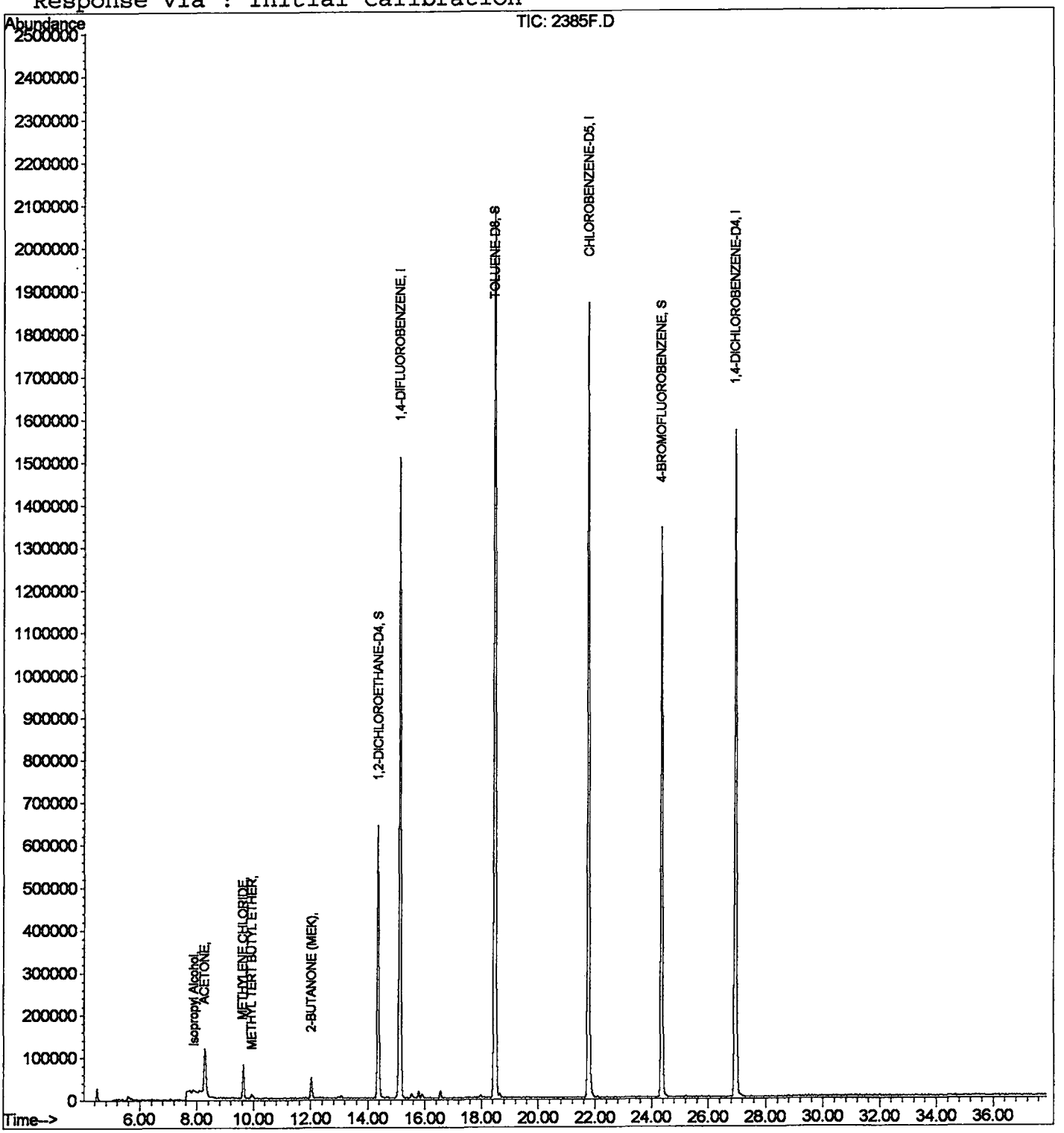
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385F.D
Acq On : 7 Feb 2002 4:04 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 7 4:43 2002

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385F.D
Acq On : 7 Feb 2002 4:04 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

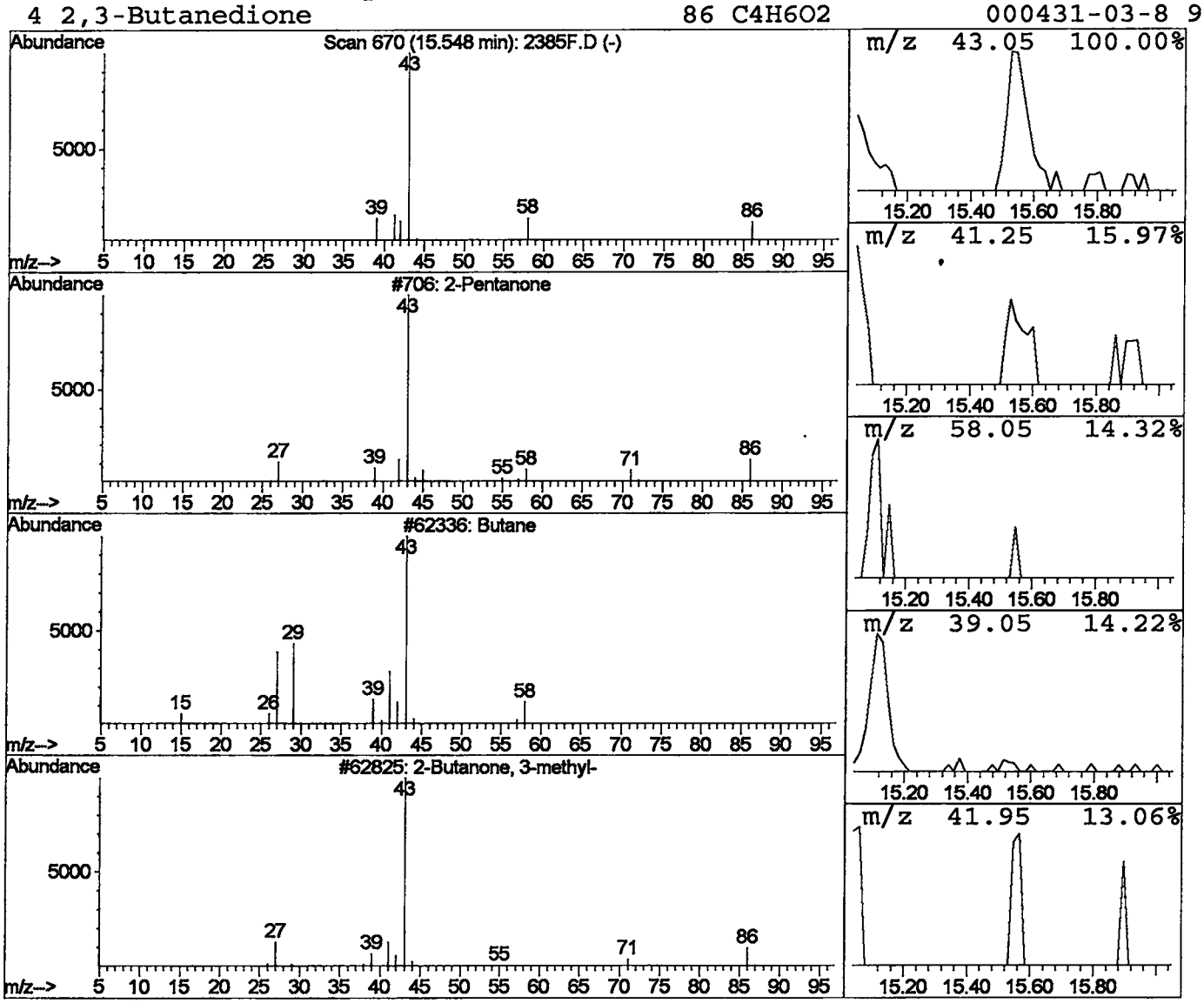
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	0.04 ug/L	50313	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	74
2	Butane	58	C4H10	000106-97-8	50
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
4	2,3-Butanedione	86	C4H6O2	000431-03-8	9



Library Search Compound Report

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Acq On : 7 Feb 2002 4:04 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

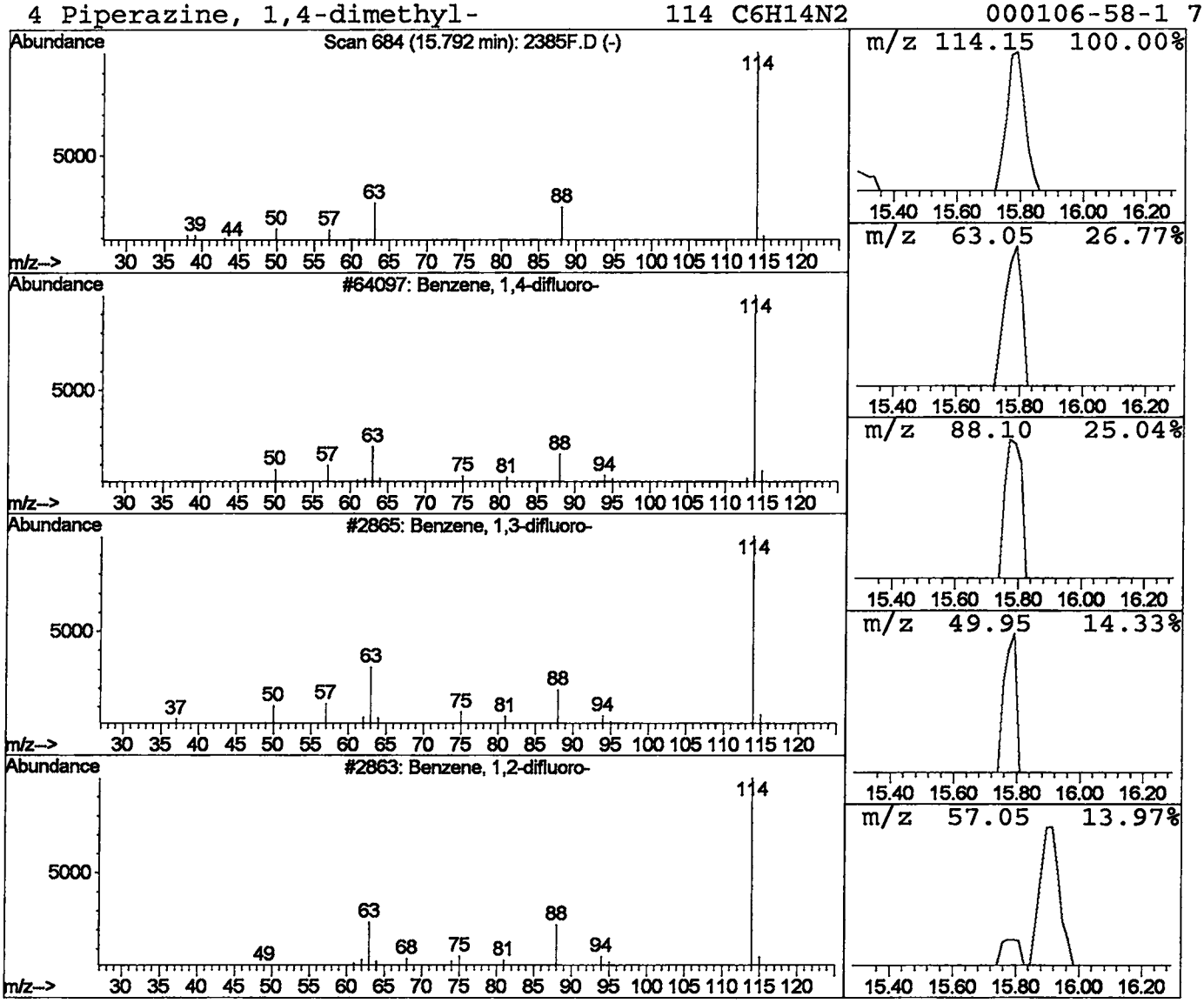
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Benzene, 1,4-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.05 ug/L	60219	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	78
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	64
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	56
4	Piperazine, 1,4-dimethyl-	114	C6H14N2	000106-58-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385F.D
Acq On : 7 Feb 2002 4:04 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

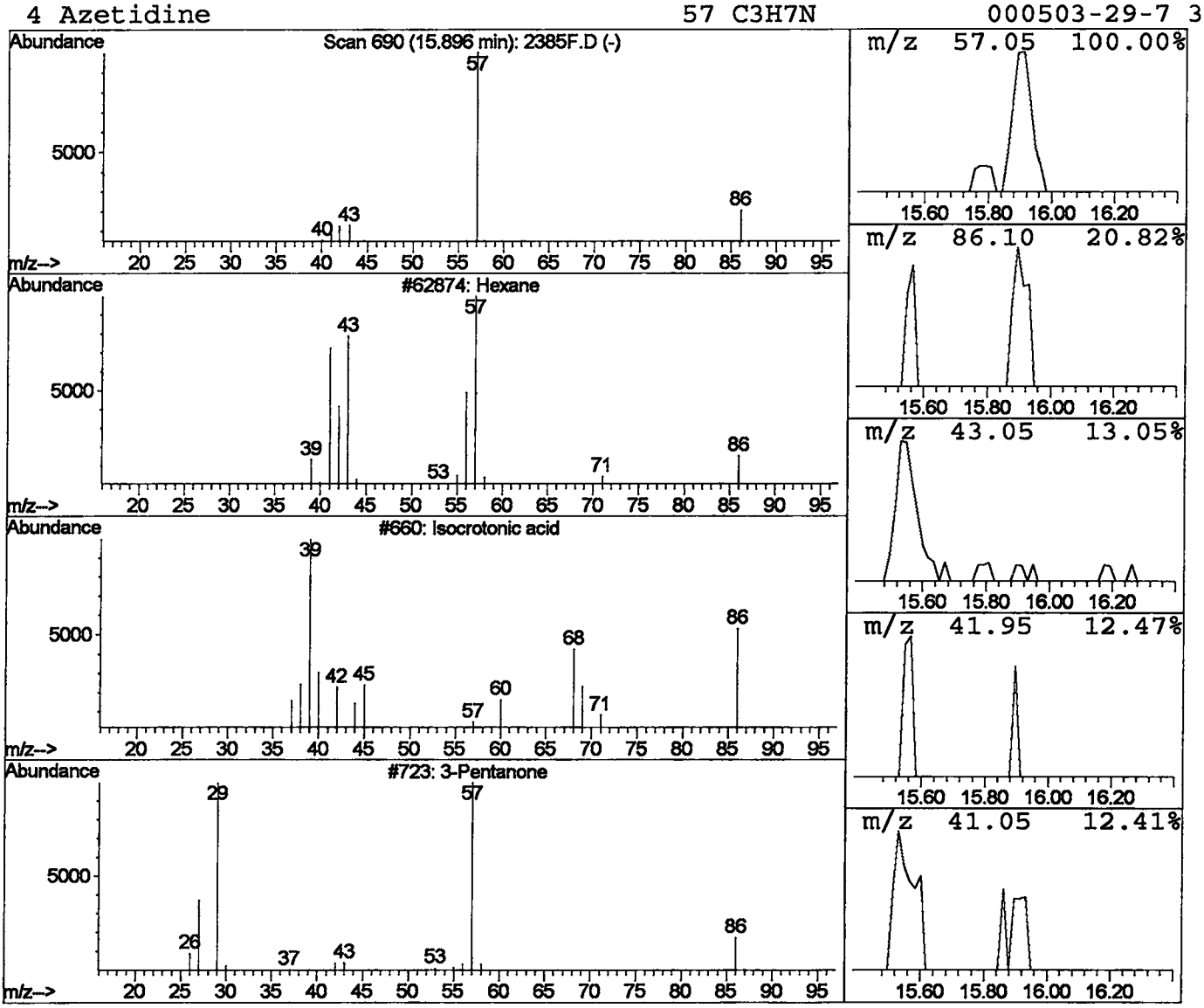
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexane — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.03 ug/L	41616	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	5
2	Isocrotonic acid	86	C4H6O2	000503-64-0	5
3	3-Pentanone	86	C5H10O	000096-22-0	4
4	Azetidine	57	C3H7N	000503-29-7	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385F.D Vial: 14
Acq On : 7 Feb 2002 4:04 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

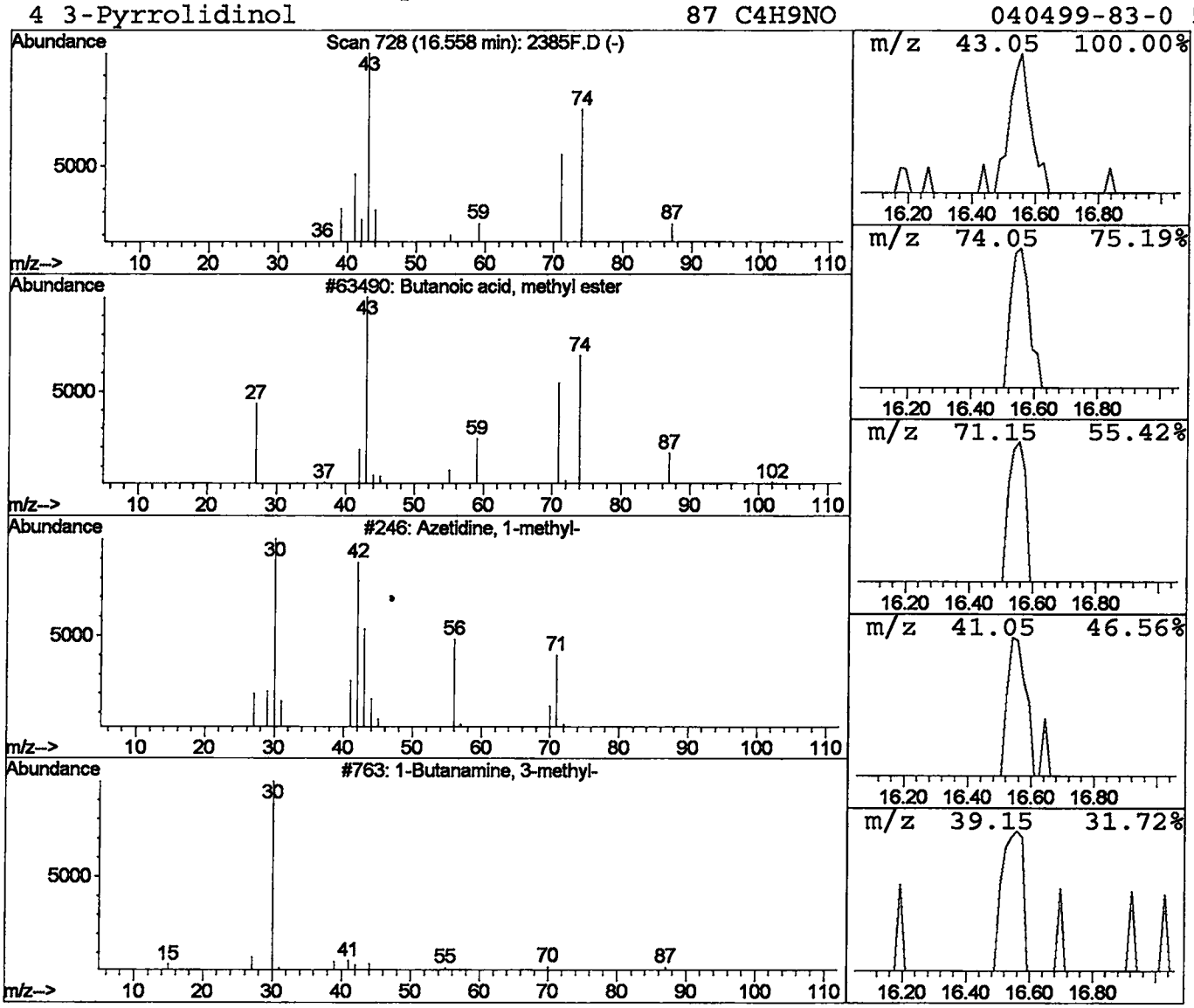
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	0.06 ug/L	69750	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78
2	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2385F.D
Acq On : 7 Feb 2002 4:04 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

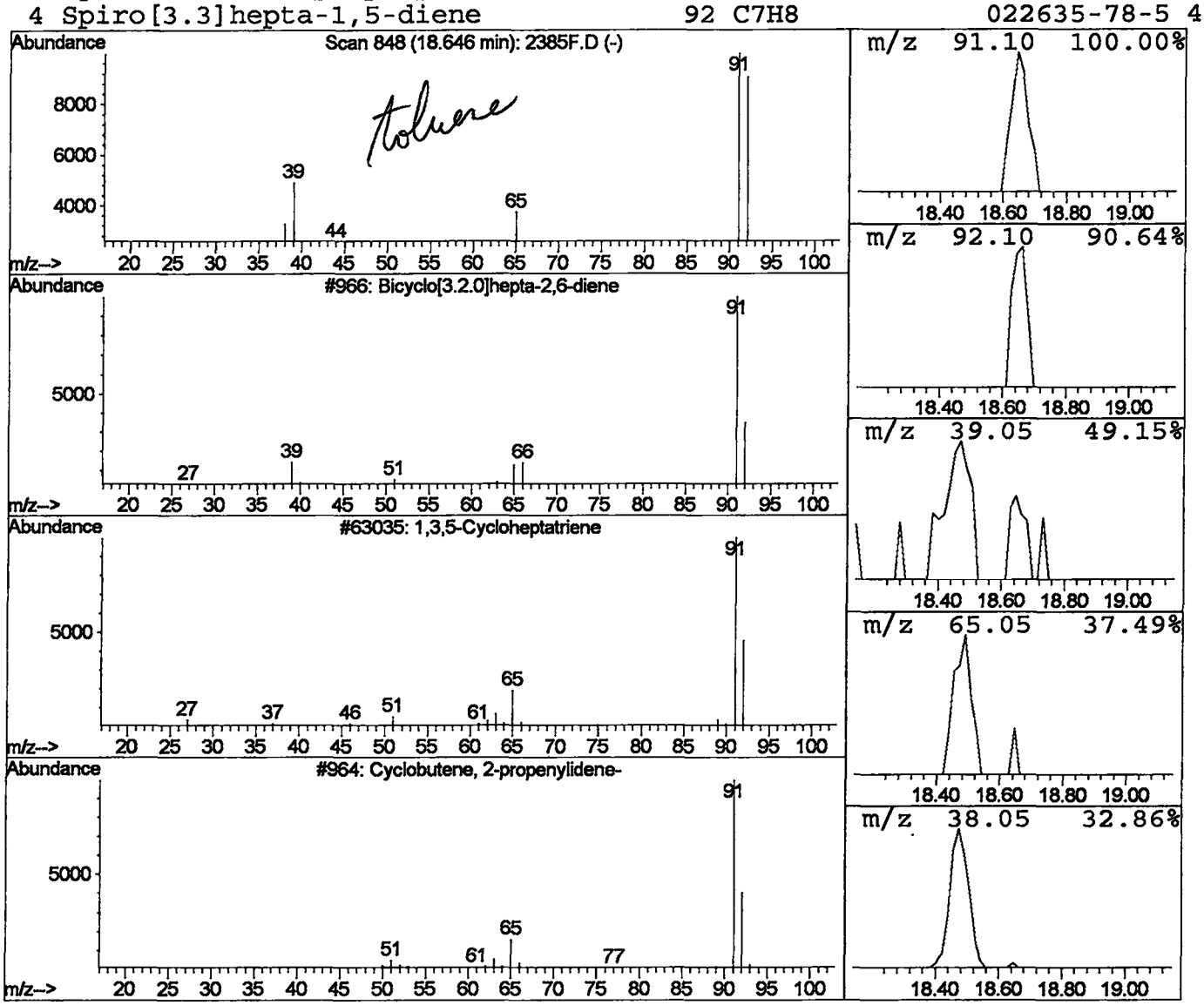
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Bicyclo[3.2.0]hepta-2,6-diene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	0.02 ug/L	37885	CHLOROBENZENE-D5	21.78

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 14:33:44

Sample: AE02093
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/7/02 05:28 Ended: 2/7/02 05:28 Analyst: BH
Result source: a:\2093f.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.6		.5
2	Surr_4-BROMOFLUOROBENZE		4.8		.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		5.0		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	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: 02/07/2002 Time: 14:33:44

Sample: AE02093
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/7/02 05:28 Ended: 2/7/02 05:28 Analyst: BH
Result source: a:\2093f.rr
Page: 2

	Component Name	Vial	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\02feb06\2093F.D Vial: 15
Acq On : 7 Feb 2002 4:48 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 7 5:26 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	2205305	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	2172986	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	998312	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	870876	4.56	ug/L	0.02
Spiked Amount 5.000			Recovery =	91.20%		
3) 4-BROMOFLUOROBENZENE	24.36	174	809023	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.60%		
25) TOLUENE-D8	18.47	98	2709508	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.00%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.91	45	14812	~~129.51~~	ug/L	53
12) ACETONE	8.27	43	223163	18.76	ug/L	96
14) METHYLENE CHLORIDE	9.63	49	93029	~~0.91~~	ug/L	94
15) METHYL TERT BUTYL ETHER	9.93	73	15038	0.12	ug/L	84
18) 2-BUTANONE (MEK)	12.02	43	131962	~~4.72~~	ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb06\2093F.D
Acq On : 7 Feb 2002 4:48 am
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Multiplr: 1.00

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Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
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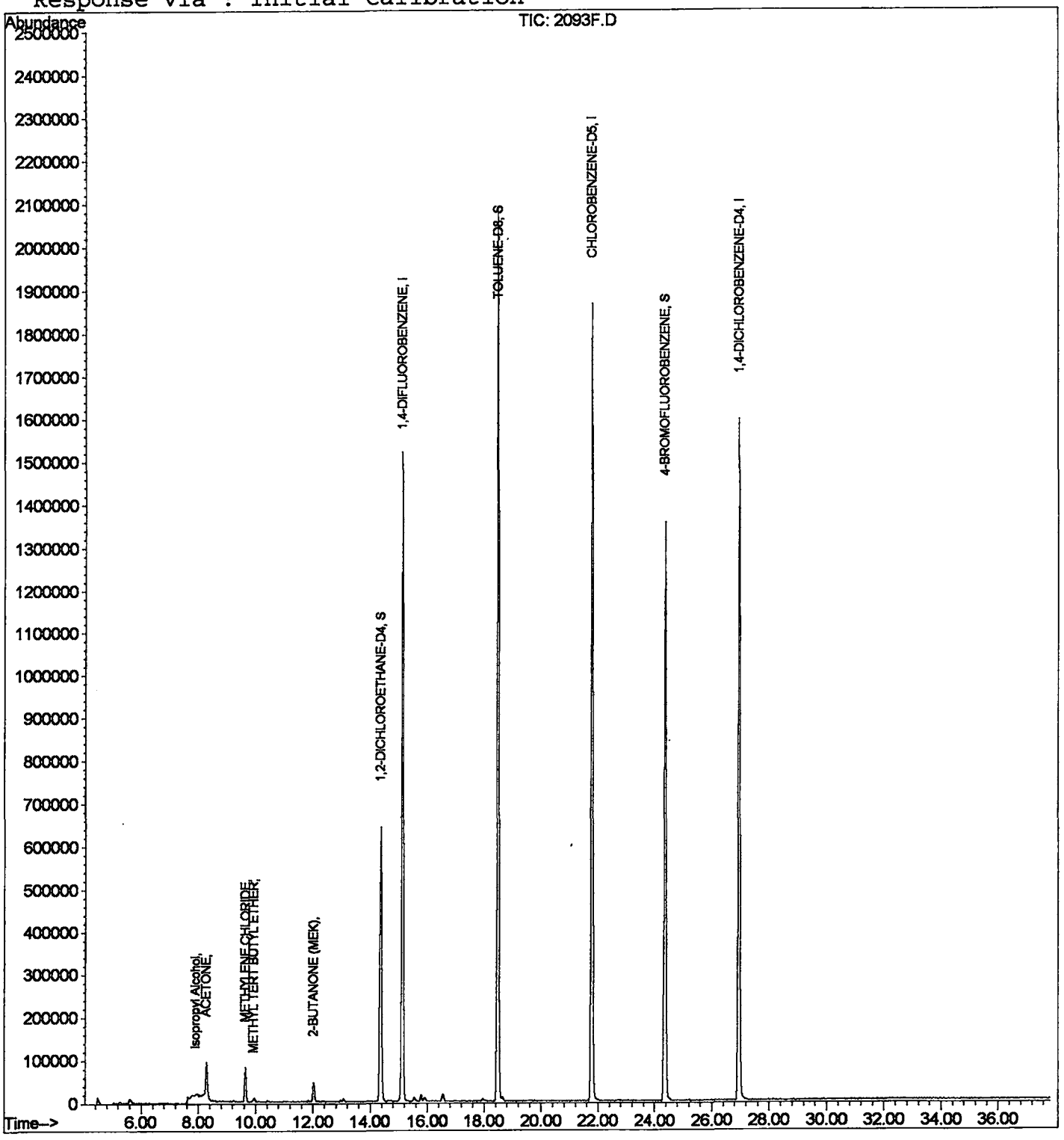


Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2093F.D
Acq On : 7 Feb 2002 4:48 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

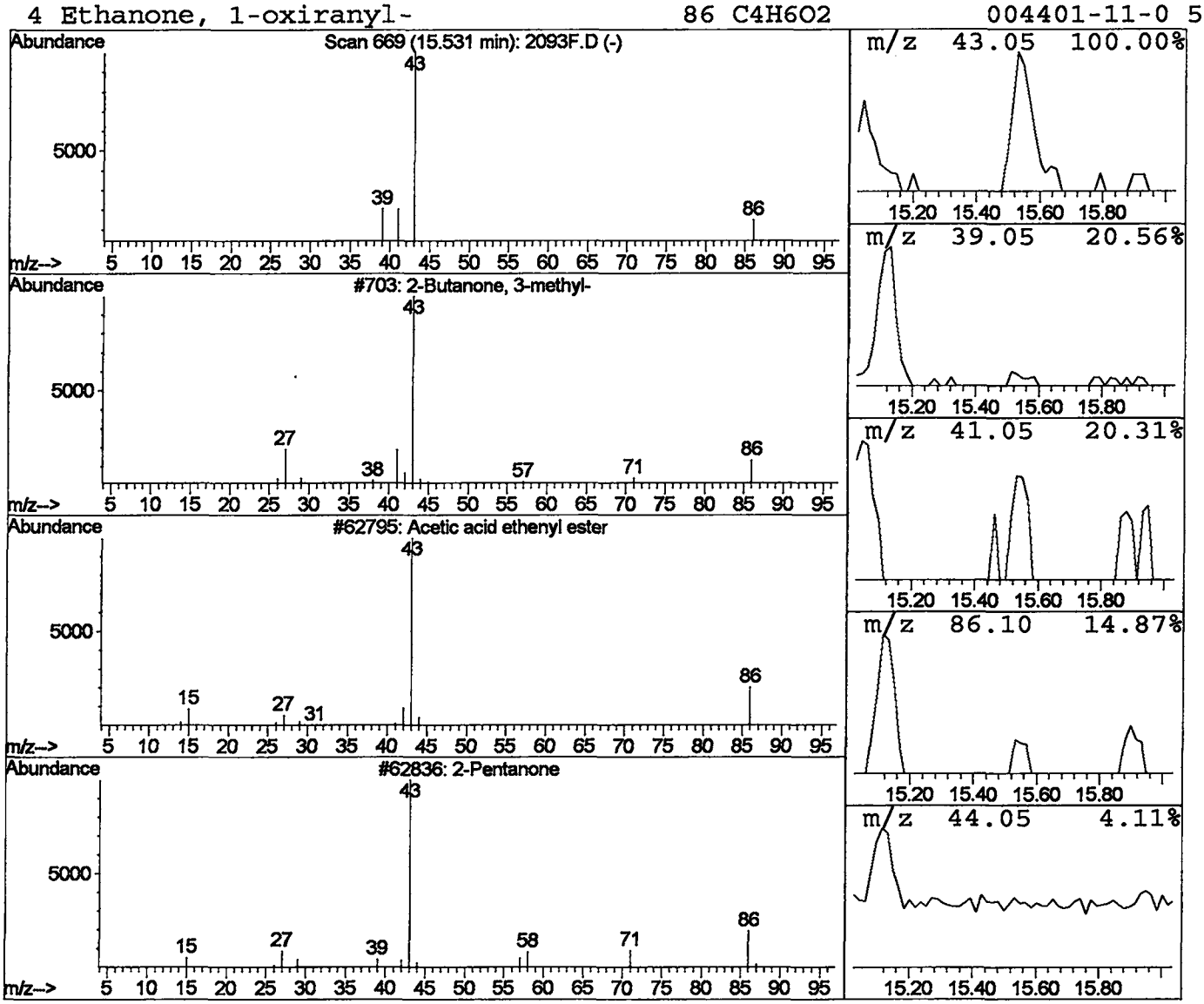
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.03 ug/L	37036	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	7
2	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	5
3	2-Pentanone	86	C5H10O	000107-87-9	5
4	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2093F.D
Acq On : 7 Feb 2002 4:48 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

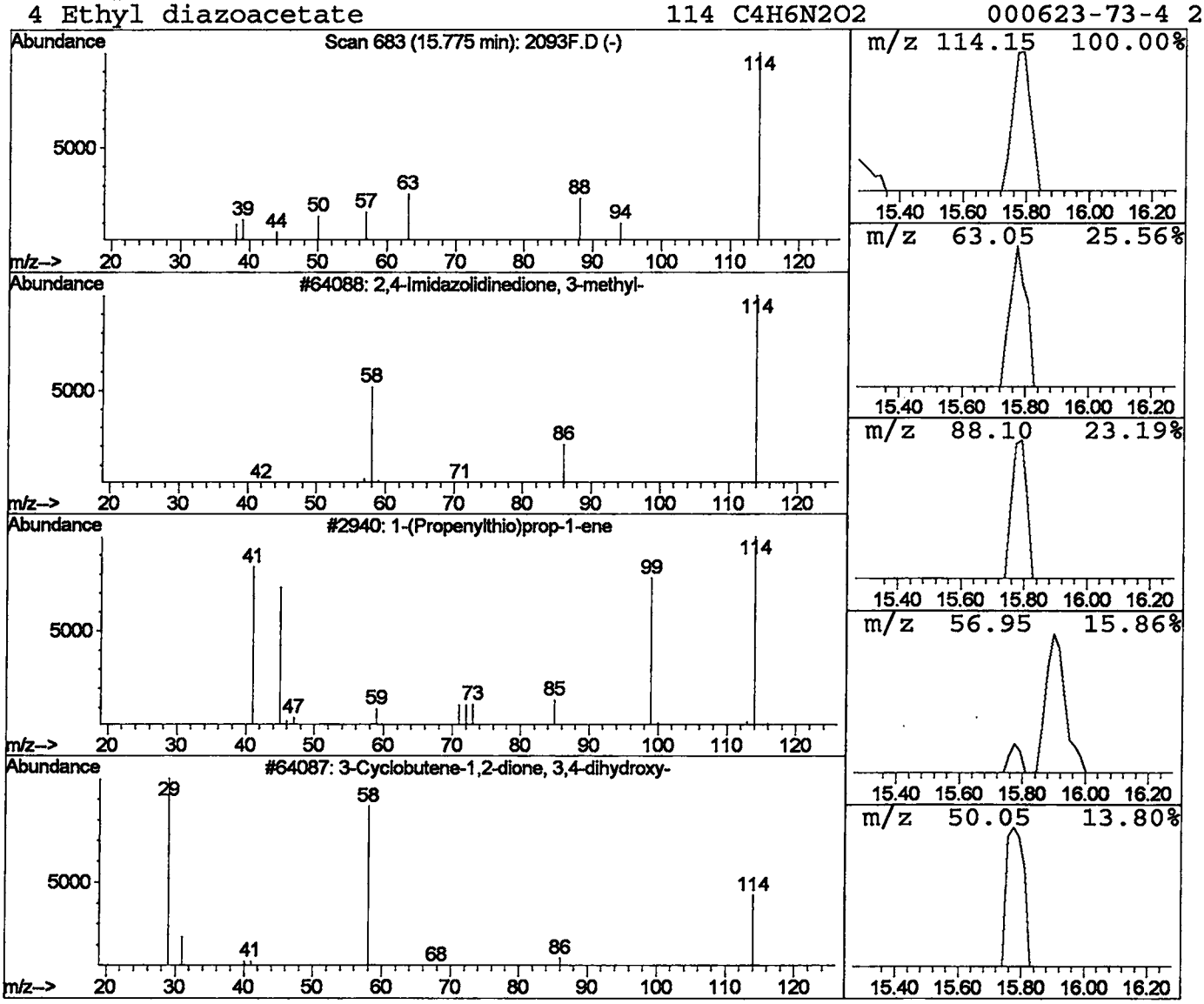
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.05 ug/L	55690	1,4-DIFLUOROBENZENE	15.13

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	Ethyl diazoacetate	114	C4H6N2O2	000623-73-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2093F.D Vial: 15
Acq On : 7 Feb 2002 4:48 am Operator: 201-wb
Sample : fb Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

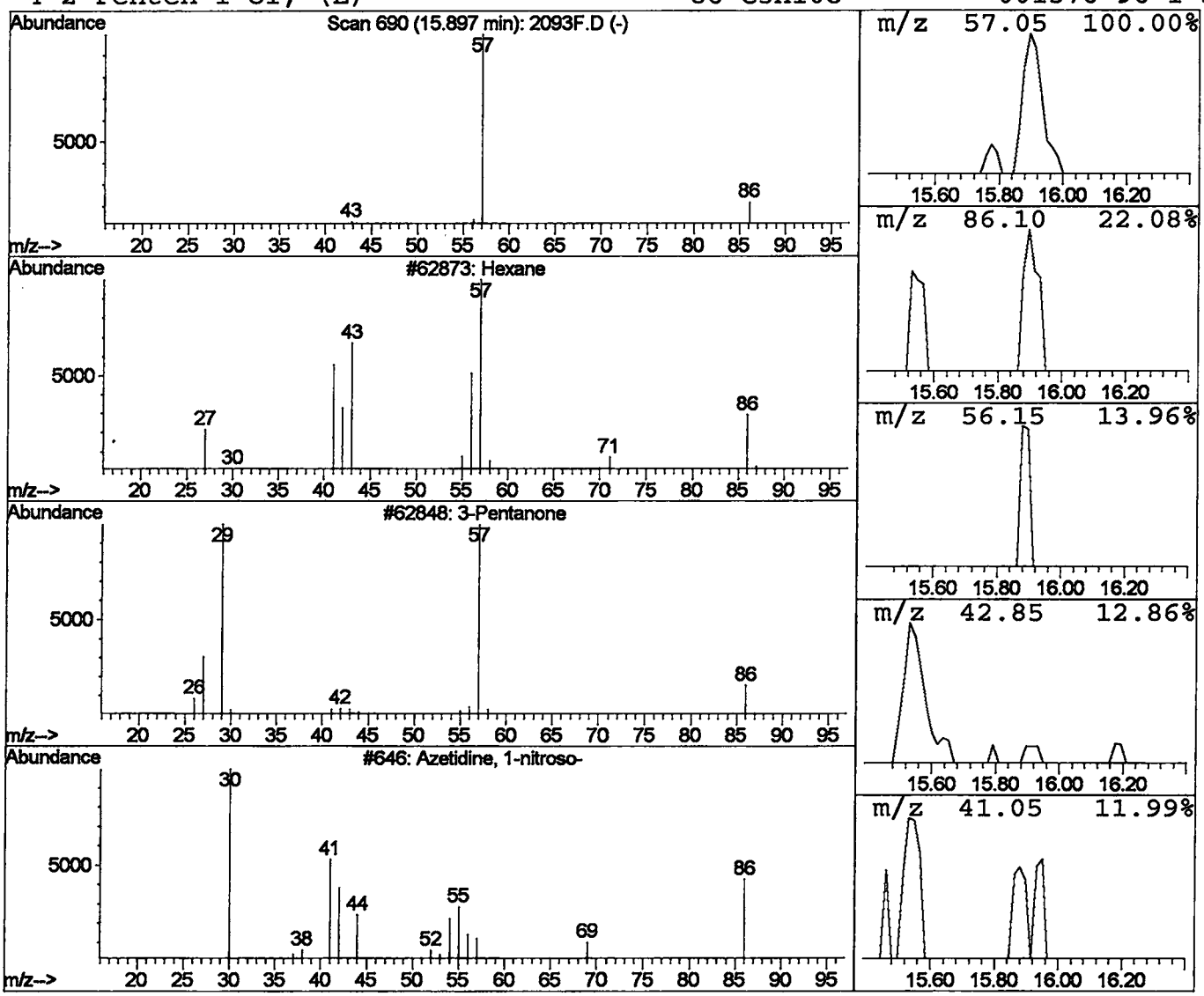
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.04 ug/L	42865	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	4
2	3-Pentanone	86	C5H10O	000096-22-0	4
3	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb06\2093F.D
Acq On : 7 Feb 2002 4:48 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

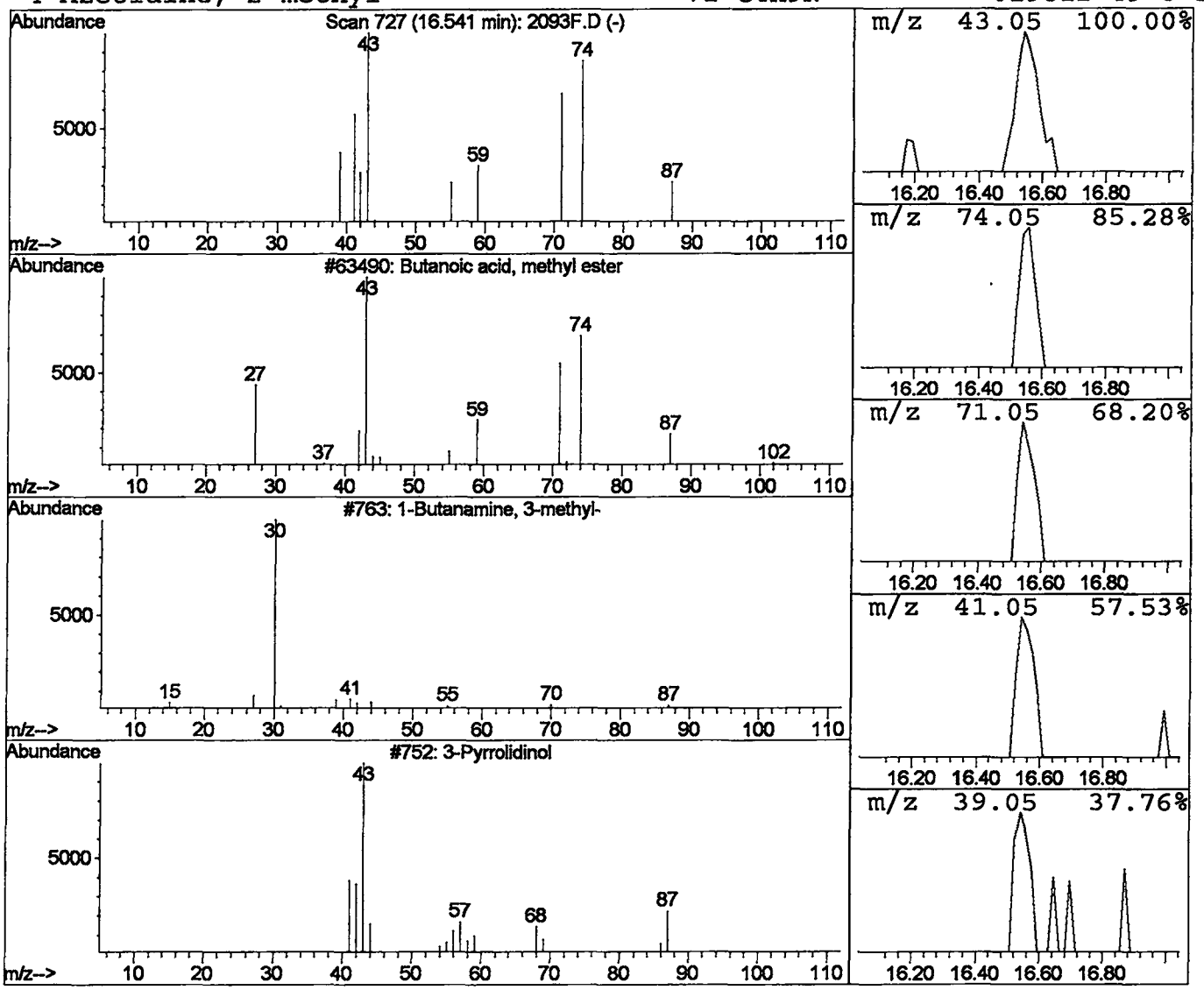
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.06 ug/L	66902	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	7
4	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	5



Library Search Compound Report

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MS Integration Params: LSCINT.P

Vial: 15
Operator: 201-wb
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Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Bicyclo[3.2.0]hepta-2,6-diene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	0.02 ug/L	36226	CHLOROBENZENE-D5	21.78

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