User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:26:09

Sample: AE02575
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/8/02 00:03 Ended: 2/8/02 00:03 Analyst: BH
Result source: a:\0208b4.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.0
2	Surr - 4-BROMOFLUOROBENZ		4.9
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		2.2
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.78
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		6.2
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 cont

lab cont

Reviewed by,
SB 5/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:26:09

Sample: AE02575
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/8/02 00:03 Ended: 2/8/02 00:03 Analyst: BH
Result source: a:\0208b4.rr
Page: 2

	Component Name	Viol.	Result
49	ISOPROPYLBENZENE		< MDL
50	1,2,3-TRICHLOROPROPANE		< MDL
51	N-PROPYLBENZENE		< MDL
52	BROMOBENZENE		< MDL
53	1,3,5-TRIMETHYLBENZENE		< MDL
54	2-CHLOROTOLUENE		< MDL
55	4-CHLOROTOLUENE		< MDL
56	TERT-BUTYLBENZENE		< MDL
57	1,2,4-TRIMETHYLBENZENE		< MDL
58	SEC-BUTYLBENZENE		< MDL
59	P-ISOROPYLTOLUENE		< MDL
60	1,3-DICHLOROBENZENE		< MDL
61	1,4-DICHLOROBENZENE		< MDL
62	N-BUTYLBENZENE		< MDL
63	1,2-DICHLOROBENZENE		< MDL
64	1,2-DIBROMO-3-CHLOROPRO		< MDL
65	1,2,4-TRICHLOROBENZENE		< MDL
66	HEXACHLOROBUTADIENE		0.28
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\02FEB08\0208B4.D Vial: 1
Acq On : 8 Feb 2002 3:57 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:31 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 17:25:54 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	1863200	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1844449	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	868765	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	709731	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.00%		
3) 4-BROMOFLUOROBENZENE	24.35	174	682871	4.88	ug/L	0.00
Spiked Amount 5.000			Recovery =	97.60%		
25) TOLUENE-D8	18.47	98	2307724	5.05	ug/L	0.00
Spiked Amount 5.000			Recovery =	101.00%		
Target Compounds						Qvalue
12) ACETONE	8.27	43	27925	2.18	ug/L	91
14) METHYLENE CHLORIDE	9.63	49	84134	0.78	ug/L	96
18) 2-BUTANONE (MEK)	12.01	43	181489	6.11	ug/L	98
71) HEXACHLOROBUTADIENE	32.27	225	10152	0.28	ug/L	90

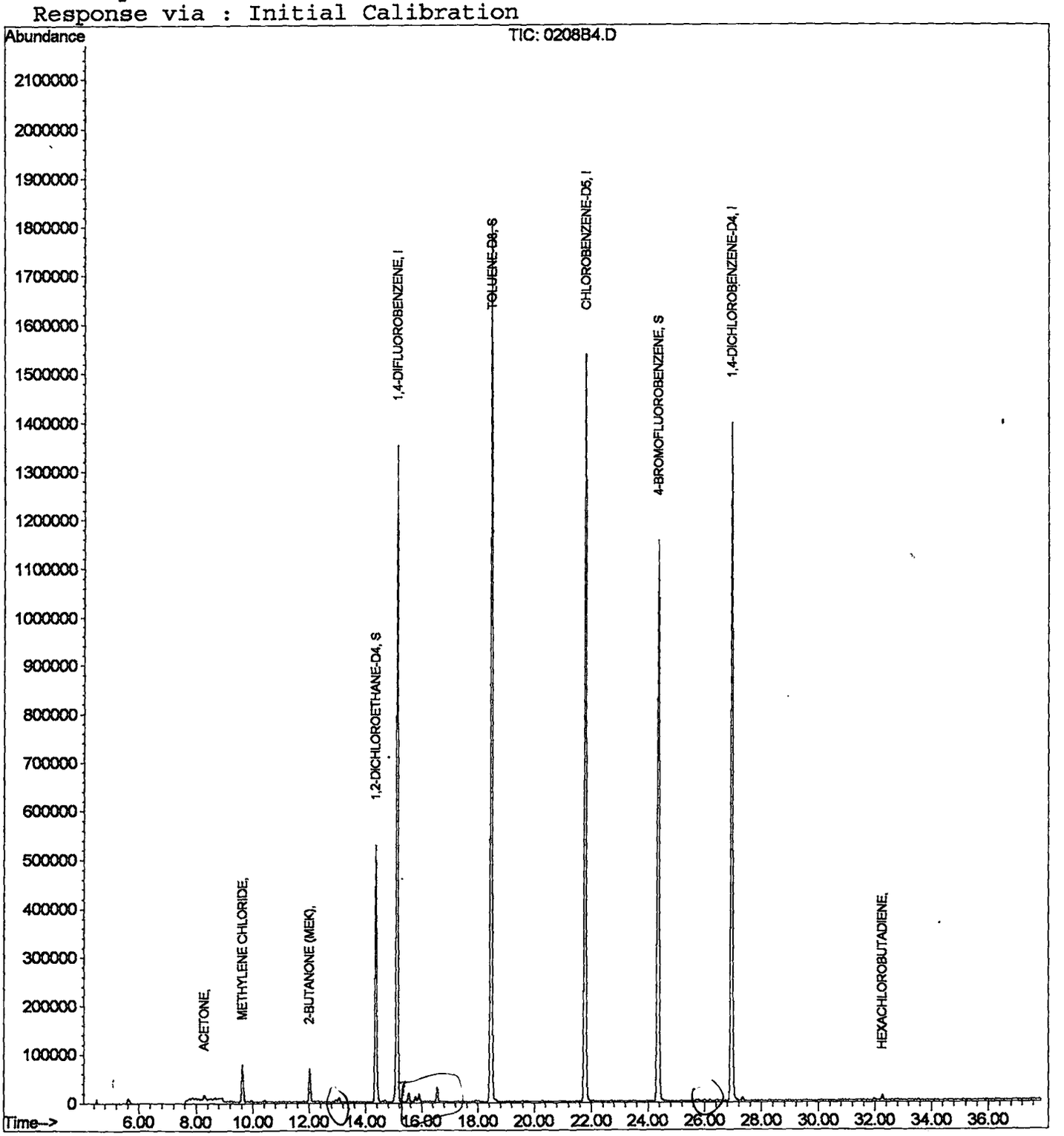
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\0208B4.D
Acq On : 8 Feb 2002 3:57 pm
Sample : lab blank
Misc :
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:31 2002

Vial: 1
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:40:09 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB08\0208B4.D Vial: 1
Acq On : 8 Feb 2002 3:57 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:36 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 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	1863200	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1842621	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	868778	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	709731	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery = 100.00%			
3) 4-BROMOFLUOROBENZENE	24.35	174	682882	4.88	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.60%			
25) TOLUENE-D8	18.47	98	2307028	5.05	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.00%			
Target Compounds						Qvalue
12) ACETONE	8.27	43	27925	2.18	ug/L	91
14) METHYLENE CHLORIDE	9.63	49	84134	0.78	ug/L	96
18) 2-BUTANONE (MEK)	12.01	43	181489	6.22	ug/L	98
71) HEXACHLOROBUTADIENE	32.27	225	10152	0.28	ug/L	90

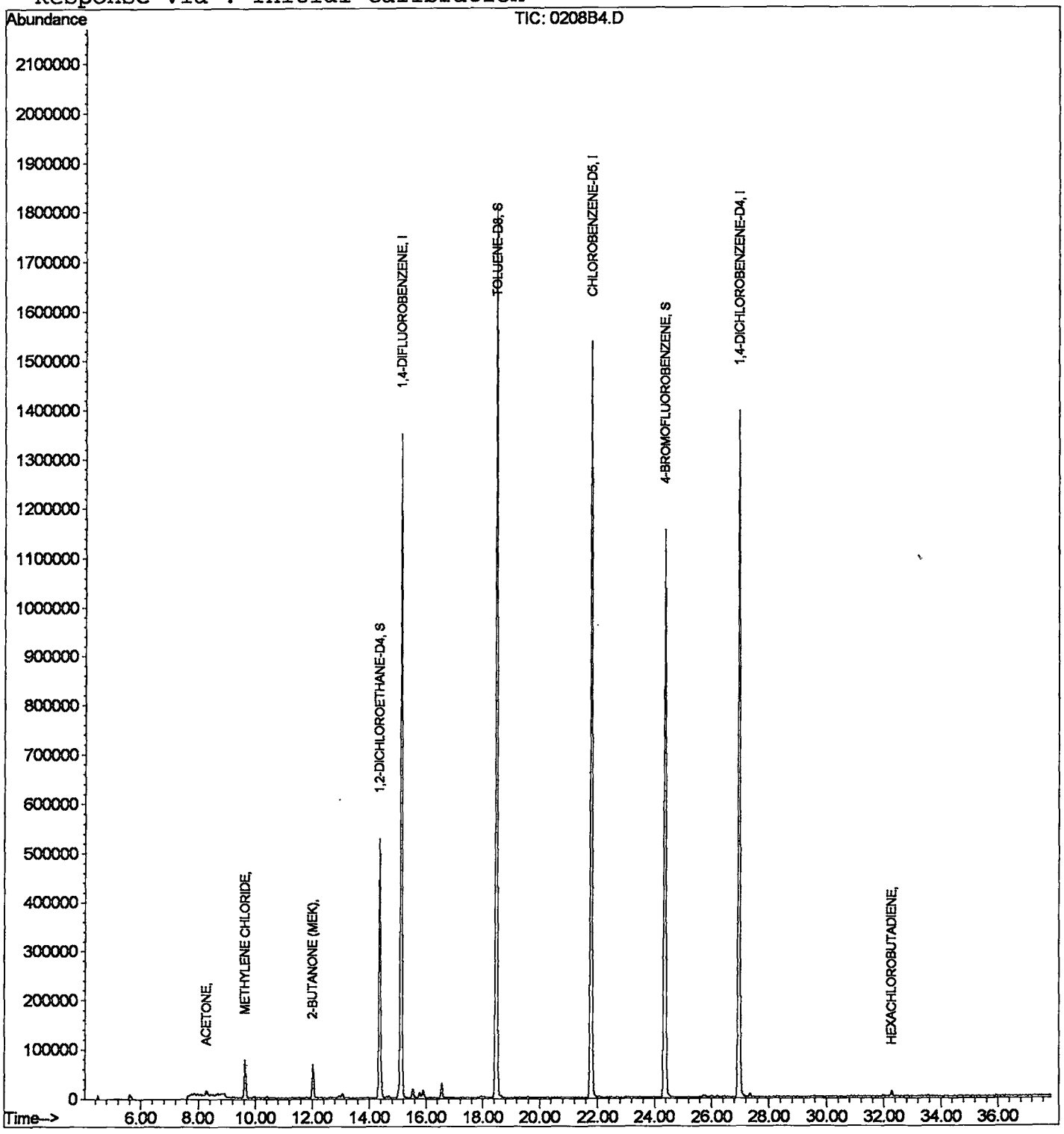
compare

(#) = qualifier out of range (m) = manual integration
0208B4.D HP021102.M Wed Feb 13 09:36:11 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\0208B4.D Vial: 1
Acq On : 8 Feb 2002 3:57 pm Operator: 201-wb
Sample : lab blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:36 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



new dilution of IS/ours
made

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:25:39

Sample: AE02575
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 2/8/02 00:04 Ended: 2/8/02 00:04 Analyst: BH
Result source: a:\0208c10c.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.0	.5
2	Surr_4-BROMOFLUOROBENZE		4.8	.5
3	Dichlorodifluoromethane		12	.5
4	Chloromethane		11	.5
5				
6	Bromomethane		12	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		11	.5
9	1,1-Dichloroethene		8.5	.5
10	Methylene Chloride		9.7	.5
11	Methyl tert-butyl ether		8.1	1.0
12	trans-1,2-dichloroethene		9.6	.5
13	1,1-dichloroethane		9.7	.5
14	2-butanone (MEK)		11	2.0
15	2,2-dichloropropane		9.9	.5
16	cis-1,2-dichloroethene		10	.5
17	Chloroform		10	.5
18	Bromochloromethane		9.7	.5
19	1,2-dichloroethane		9.6	.5
20	Surr_TOLUENE-D8		5.1	.5
21	1,1,1- trichloroethane		10	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		10	.5
24	Benzene		10	.5
25	Trichloroethene		10	.5
26	1,2-dichloropropane		10	.5
27	Dibromomethane		9.6	.5
28	Bromodichloromethane		10	.5
29	Methyl iso-butyl ketone		9.7	1.0
30	cis-1,3-dichloropropene		10	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		9.8	.5
33	1,1,2-trichloroethane		9.7	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		9.9	.5
36	Dibromochloromethane		9.9	2.0
37	Chlorobenzene		10	.5
38	1,1,1,2-tetrachloroethane		10	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		21	.5
41	O-xylene		10	.5
42	Styrene		10	.5
43	1,1,2,2-tetrachloroethane		9.3	.5
44	Bromoform		9.9	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		11	.5
48	Bromobenzene		10	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:25:39

Sample: AE02575
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 2/8/02 00:04 Ended: 2/8/02 00:04 Analyst: BH
Result source: a:\0208c10c.rr
Page: 2

	Component Name	Vial	Result	MDL
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		12	.5
51	4-chlorotoluene		9.3	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		11	.5
56	1,3-dichlorobenzene		10	.5
57	1,4-dichlorobenzene		10	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		10	.5
60	1,2,4-trichlorobenzene		9.7	.5
61	Hexachlobutadiene		10	.5
62	Naphthalene		8.6	.5
63	1,2,3-trichlorobenzene		9.4	.5
64	Nitrobenzene		160	5.0

Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10C.D Vial: 4
Acq On : 8 Feb 2002 4:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:32 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 17:25:54 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1837329	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1817486	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	833666	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	698560	4.99	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.80%			
3) 4-BROMOFLUOROBENZENE	24.36	174	656261	4.75	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.00%			
25) TOLUENE-D8	18.47	98	2285272	5.07	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	811965	12.59	ug/L	100
5) CHLOROMETHANE	5.47	50	627050	12.76	ug/L	93
6) VINYL CHLORIDE	5.61	62	305426	15.05	ug/L	96
7) BROMOMETHANE	6.61	94	407275	12.39	ug/L	97
8) CHLOROETHANE	6.75	64	338448	10.74	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.30	101	741547	11.72	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	388974	8.32	ug/L	94
12) ACETONE	8.27	43	118301	9.37	ug/L	95
13) 1,1-DICHLOROETHENE	8.62	61	753254	8.53	ug/L	97
14) METHYLENE CHLORIDE	9.63	49	1022268	9.63	ug/L	99
15) METHYL TERT BUTYL ETHER	9.93	73	949828	8.10	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.29	61	1081525	9.58	ug/L	96
17) 1,1-DICHLOROETHANE	11.18	63	1292355	9.68	ug/L	98
18) 2-BUTANONE (MEK)	12.02	43	313955	10.73	ug/L	98
19) 2,2-DICHLOROPROPANE	12.42	77	1060232	9.90	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.50	96	777769	10.20	ug/L	99
21) CHLOROFORM	12.83	83	1353616	10.09	ug/L	100
22) BROMOCHLOROMETHANE	13.22	49	621081	9.74	ug/L	100
23) 1,2-DICHLOROETHANE	14.56	62	870470	9.64	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.72	97	1033988	10.20	ug/L	100
27) 1,1-DICHLOROPROPENE	14.05	75	1056106	10.44	ug/L	99
28) CARBON TETRACHLORIDE	14.31	117	839776	10.19	ug/L	99
29) BENZENE	14.64	78	2649393	10.09	ug/L	99
30) TRICHLOROETHENE	15.93	95	822133	10.47	ug/L	98
31) 1,2-DICHLOROPROPANE	16.28	63	764781	10.31	ug/L	97
32) DIBROMOMETHANE	16.96	174	336453	9.55	ug/L	96
33) BROMODICHLOROMETHANE	16.80	83	975099	10.27	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.27	63	276349	10.07	ug/L	96

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

Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10C.D Vial: 4
Acq On : 8 Feb 2002 4:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:32 2002 Quant Results File: HP021102.RES

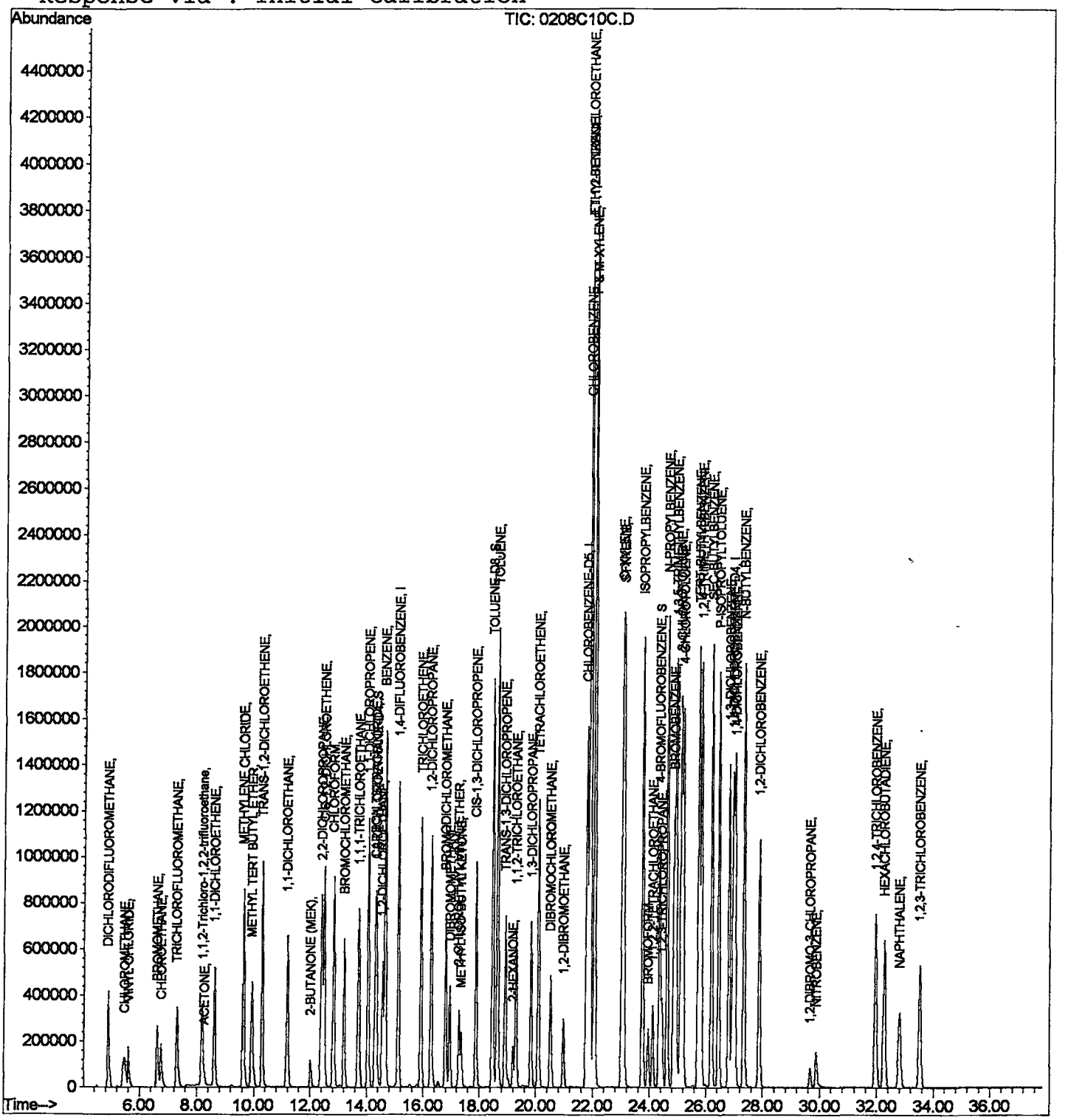
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Thu Feb 14 17:25:54 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.36	58	131184	9.65	ug/L	94
36)	CIS-1,3-DICHLOROPROPENE	17.88	75	1057971	10.10	ug/L	98
37)	TOLUENE	18.65	91	2853139	10.40	ug/L	99
38)	TRANS-1,3-DICHLOROPROPENE	18.93	75	748222	9.75	ug/L	98
39)	1,1,2-TRICHLOROETHANE	19.31	97	430795	9.69	ug/L	99
40)	TETRACHLOROETHENE	20.09	166	782466	10.47	ug/L	96
41)	1,3-DICHLOROPROPANE	19.85	76	859658	9.87	ug/L	99
42)	DIBROMOCHLOROMETHANE	20.53	129	529255	9.89	ug/L	98
43)	1,2-DIBROMOETHANE	20.98	107	460358	9.55	ug/L	97
44)	CHLOROBENZENE	21.87	112	1825907	10.43	ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.90	131	606646	10.34	ug/L	97
46)	2-HEXANONE	19.20	43	255555	9.37	ug/L	100
47)	ETHYLBENZENE	21.90	91	3373772	10.67	ug/L	99
48)	P & M-XYLENE	22.06	106	2249061	20.84	ug/L	100
49)	O-XYLENE	23.03	91	2612541	10.39	ug/L	98
50)	STYRENE	23.09	104	1837597	10.10	ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	459139	9.34	ug/L	100
53)	BROMOFORM	23.96	173	256224	9.86	ug/L	98
54)	ISOPROPYLBENZENE	23.76	105	2963658	10.97	ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.44	110	135433	10.19	ug/L	98
56)	N-PROPYLBENZENE	24.63	91	3889113	10.94	ug/L	100
57)	BROMOBENZENE	24.88	156	699728	10.33	ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.95	105	2520355	10.91	ug/L	100
59)	2-CHLOROTOLUENE	25.10	91	2746012	11.95	ug/L	100
60)	4-CHLOROTOLUENE	25.19	91	1928864	9.39	ug/L	96
61)	TERT-BUTYLBENZENE	25.73	119	2257811	10.86	ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.84	105	2616675	10.81	ug/L	97
63)	SEC-BUTYLBENZENE	26.20	105	3249565	10.96	ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	2447147	10.87	ug/L	98
65)	1,3-DICHLOROBENZENE	26.81	146	1337398	10.49	ug/L	97
66)	1,4-DICHLOROBENZENE	27.04	146	1332209	10.23	ug/L	98
67)	N-BUTYLBENZENE	27.33	91	2627553	10.84	ug/L	98
68)	1,2-DICHLOROBENZENE	27.89	146	1120511	10.18	ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	57364	9.51	ug/L	97
70)	1,2,4-TRICHLOROBENZENE	31.96	180	681716	9.66	ug/L	100
71)	HEXACHLOROBUTADIENE	32.28	225	354898	10.34	ug/L	98
72)	NAPHTHALENE	32.81	128	817154	8.64	ug/L	96
73)	1,2,3-TRICHLOROBENZENE	33.51	180	530764	9.40	ug/L	97
74)	NITROBENZENE	29.89	77	212941	178.62	ug/L	99

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

Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10C.D Vial: 4
Acq On : 8 Feb 2002 4:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 14 17:32 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 14:40:09 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10C.D Vial: 4
Acq On : 8 Feb 2002 4:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:21 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1837329	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	1817486	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	833666	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	698560	4.99	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.80%			
3) 4-BROMOFLUOROBENZENE	24.36	174	656261	4.75	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.00%			
25) TOLUENE-D8	18.47	98	2285272	5.07	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.40%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	811965	11.71	ug/L	100
5) CHLOROMETHANE	5.47	50	627050	11.23	ug/L	93
6) VINYL CHLORIDE	5.61	62	305431	15.05	ug/L	96
7) BROMOMETHANE	6.61	94	400413	12.22	ug/L	97
8) CHLOROETHANE	6.75	64	338435	10.73	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.30	101	690984	11.05	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	388974	8.32	ug/L	94
12) ACETONE	8.27	43	102323	8.10	ug/L	95
13) 1,1-DICHLOROETHENE	8.62	61	753254	8.54	ug/L	97
14) METHYLENE CHLORIDE	9.63	49	1022285	9.67	ug/L	99
15) METHYL TERT BUTYL ETHER	9.93	73	949828	8.10	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.29	61	1081525	9.58	ug/L	96
17) 1,1-DICHLOROETHANE	11.18	63	1292355	9.69	ug/L	98
18) 2-BUTANONE (MEK)	12.02	43	313199	10.88	ug/L	98
19) 2,2-DICHLOROPROPANE	12.42	77	1060232	9.90	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.50	96	777769	10.21	ug/L	99
21) CHLOROFORM	12.83	83	1353616	10.09	ug/L	100
22) BROMOCHLOROMETHANE	13.22	49	621081	9.74	ug/L	100
23) 1,2-DICHLOROETHANE	14.56	62	870470	9.65	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.72	97	1033988	10.20	ug/L	100
27) 1,1-DICHLOROPROPENE	14.05	75	1056106	10.44	ug/L	99
28) CARBON TETRACHLORIDE	14.31	117	839776	10.19	ug/L	99
29) BENZENE	14.64	78	2649393	10.09	ug/L	99
30) TRICHLOROETHENE	15.93	95	822133	10.47	ug/L	98
31) 1,2-DICHLOROPROPANE	16.28	63	764781	10.31	ug/L	97
32) DIBROMOMETHANE	16.96	174	336453	9.55	ug/L	96
33) BROMODICHLOROMETHANE	16.80	83	975099	10.27	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.27	63	276349	10.07	ug/L	96

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

Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10C.D Vial: 4
Acq On : 8 Feb 2002 4:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:21 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

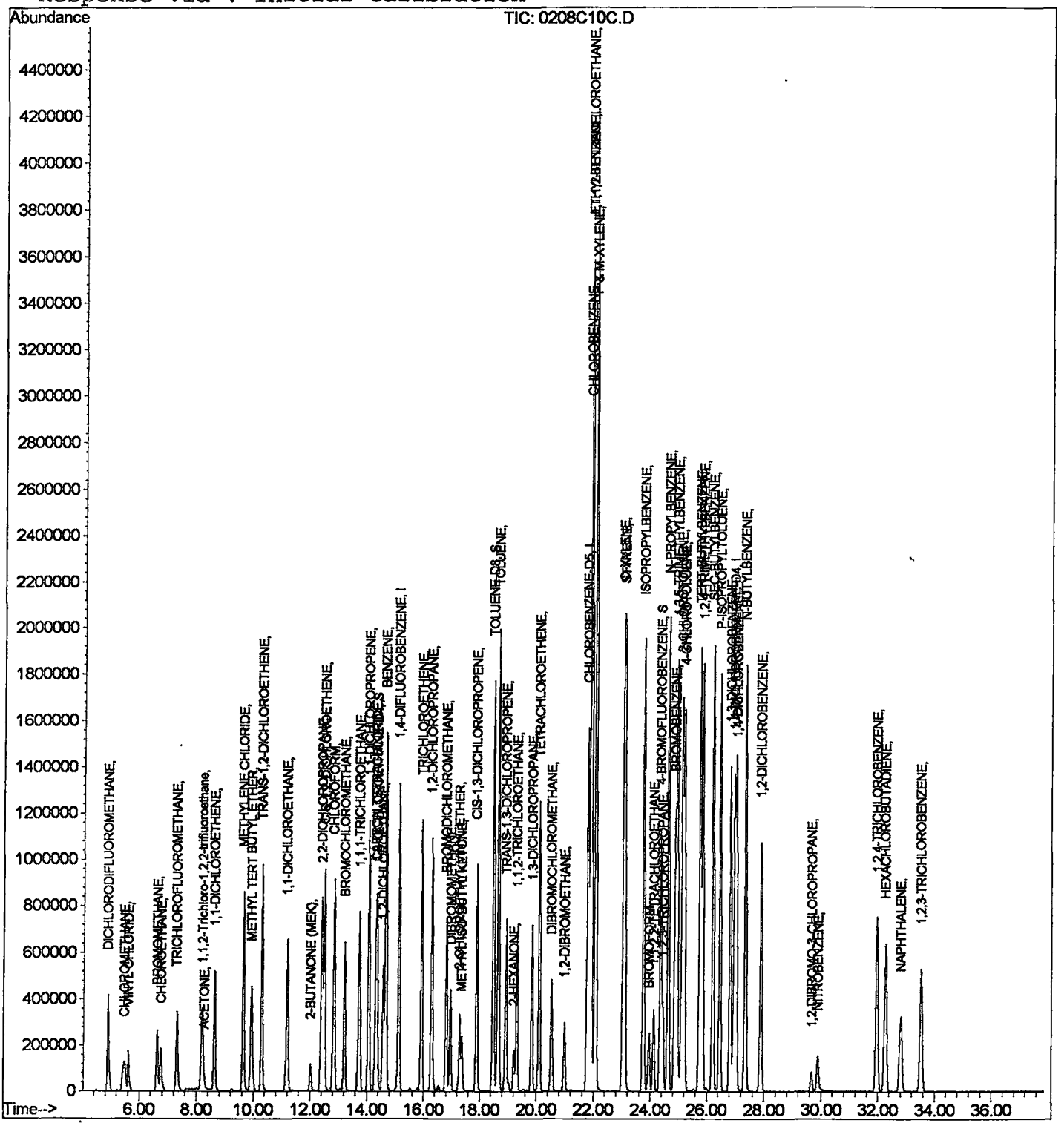
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.36	58	131184	9.65 ug/L	94
36)	CIS-1,3-DICHLOROPROPENE	17.88	75	1057971	10.10 ug/L	98
37)	TOLUENE	18.65	91	2853047	10.40 ug/L	99
38)	TRANS-1,3-DICHLOROPROPENE	18.93	75	748222	9.75 ug/L	98
39)	1,1,2-TRICHLOROETHANE	19.31	97	430795	9.69 ug/L	99
40)	TETRACHLOROETHENE	20.09	166	782466	10.47 ug/L	96
41)	1,3-DICHLOROPROPANE	19.85	76	859658	9.87 ug/L	99
42)	DIBROMOCHLOROMETHANE	20.53	129	529255	9.89 ug/L	98
43)	1,2-DIBROMOETHANE	20.98	107	460358	9.55 ug/L	97
44)	CHLOROBENZENE	21.87	112	1825907	10.43 ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.90	131	606646	10.34 ug/L	97
46)	2-HEXANONE	19.20	43	255555	9.37 ug/L	100
47)	ETHYLBENZENE	21.90	91	3373772	10.67 ug/L	99
48)	P & M-XYLENE	22.06	106	2249099	20.85 ug/L	100
49)	O-XYLENE	23.03	91	2612541	10.39 ug/L	98
50)	STYRENE	23.09	104	1837541	10.10 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	459139	9.34 ug/L	100
53)	BROMOFORM	23.96	173	256224	9.86 ug/L	98
54)	ISOPROPYLBENZENE	23.76	105	2963658	10.97 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.44	110	135433	10.19 ug/L	98
56)	N-PROPYLBENZENE	24.63	91	3889113	10.94 ug/L	100
57)	BROMOBENZENE	24.88	156	699728	10.33 ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.95	105	2520285	10.91 ug/L	100
59)	2-CHLOROTOLUENE	25.10	91	2737449	11.91 ug/L	100
60)	4-CHLOROTOLUENE	25.19	91	1908807	9.30 ug/L	96
61)	TERT-BUTYLBENZENE	25.73	119	2257811	10.86 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.84	105	2615958	10.81 ug/L	97
63)	SEC-BUTYLBENZENE	26.20	105	3249565	10.97 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.44	119	2447147	10.88 ug/L	98
65)	1,3-DICHLOROBENZENE	26.81	146	1337398	10.49 ug/L	97
66)	1,4-DICHLOROBENZENE	27.04	146	1318278	10.13 ug/L	98
67)	N-BUTYLBENZENE	27.33	91	2624846	10.83 ug/L	98
68)	1,2-DICHLOROBENZENE	27.89	146	1120511	10.19 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	57364	9.51 ug/L	97
70)	1,2,4-TRICHLOROBENZENE	31.96	180	681726	9.67 ug/L	100
71)	HEXACHLOROBUTADIENE	32.28	225	354898	10.34 ug/L	98
72)	NAPHTHALENE	32.81	128	817154	8.63 ug/L	96
73)	1,2,3-TRICHLOROBENZENE	33.51	180	530764	9.40 ug/L	97
74)	NITROBENZENE	29.89	77	212941	164.70 ug/L	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10C.D Vial: 4
Acq On : 8 Feb 2002 4:58 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:21 2002 Quant Results File: HP021102.RE

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:24:55

Sample: AE02575
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 2/8/02 00:06 Ended: 2/8/02 00:06 Analyst: BH
Result source: a:\0208r5a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.9	
2	4-BROMOFLUOROBENZENE		4.5	
3	DICHLORODIFLUOROMETHAN		5.0	.5
4	CHLOROMETHANE		5.3	.5
5	VINYL CHLORIDE		5.7	.5
6	BROMOMETHANE		5.3	.5
7	CHLOROETHANE		4.7	.5
8	TRICHLOROFLUOROMETHANE		5.0	.5
9	ACETONE		4.7	.5
10	1,1-DICHLOROETHENE		4.7	.5
11	METHYLENE CHLORIDE		5.2	.5
12	METHYL TERT BUTYL ETHER		3.9	1
13	TRANS-1,2-DICHLOROETHEN		4.6	.5
14	1,1-DICHLOROETHANE		4.8	.5
15	2-BUTANONE (MEK)		6.5	.5
16	2,2-DICHLOROPROPANE		4.8	.5
17	CIS-1,2-DICHLOROETHENE		5.0	.5
18	CHLOROFORM		5.1	.5
19	BROMOCHLOROMETHANE		4.8	.5
20	1,2-DICHLOROETHANE		4.9	.5
21	TOLUENE-D8		5.2	
22	1,1,1-TRICHLOROETHANE		5.2	.5
23	1,1-DICHLOROPROPENE		5.5	.5
24	CARBON TETRACHLORIDE		5.2	.5
25	BENZENE		5.4	.5
26	TRICHLOROETHENE		5.7	.5
27	1,2-DICHLOROPROPANE		5.6	.5
28	DIBROMOMETHANE		4.8	.5
29	BROMODICHLOROMETHANE		5.3	.5
30	2-CHLOROETHYL VINYL ETHE		4.5	.5
31	METHYL ISO-BUTYL KETONE		4.8	1
32	CIS-1,3-DICHLOROPROPENE		5.3	.5
33	TOLUENE		5.5	.5
34	TRANS-1,3-DICHLOROPROPE		5.3	.5
35	1,1,2-TRICHLOROETHANE		5.2	.5
36	TETRACHLOROETHENE		5.4	.5
37	1,3-DICHLOROPROPANE		5.1	.5
38	DIBROMOCHLOROMETHANE		5.0	2
39	1,2-DIBROMOETHANE		4.9	.5
40	CHLOROBENZENE		5.5	.5
41	1,1,1,2-TETRACHLOROETHA		5.4	.5
42	2-HEXANONE		4.3	.5
43	ETHYLBENZENE		5.8	.5
44	P & M-XYLENE		11	.5
45	O-XYLENE		5.6	.5
46	STYRENE		5.3	.5
47	1,1,2,2-TETRACHLOROETHA		4.8	.5
48	BROMOFORM		4.7	2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:24:55

Sample: AE02575
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 2/8/02 00:06 Ended: 2/8/02 00:06 Analyst: BH
Result source: a:\0208r5a.rr
Page: 2

	Component Name	Viol	Result	MDL
49	ISOPROPYLBENZENE		5.9	.5
50	1,2,3-TRICHLOROPROPANE		5.2	.5
51	N-PROPYLBENZENE		5.7	.5
52	BROMOBENZENE		5.6	.5
53	1,3,5-TRIMETHYLBENZENE		5.9	.5
54	2-CHLOROTOLUENE		5.3	.5
55	4-CHLOROTOLUENE		6.1	.5
56	TERT-BUTYLBENZENE		5.8	.5
57	1,2,4-TRIMETHYLBENZENE		5.7	.5
58	SEC-BUTYLBENZENE		5.9	.5
59	P-ISOPROPYLTOLUENE		6.0	.5
60	1,3-DICHLOROBENZENE		5.6	.5
61	1,4-DICHLOROBENZENE		5.4	.5
62	N-BUTYLBENZENE		5.9	.5
63	1,2-DICHLOROBENZENE		5.5	.5
64	1,2-DIBROMO-3-CHLOROPRO		4.4	.5
65	1,2,4-TRICHLOROBENZENE		4.8	.5
66	HEXACHLOROBUTADIENE		5.2	.5
67	NAPHTHALENE		4.5	.5
68	1,2,3-TRICHLOROBENZENE		4.7	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		68	5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:25:10

Sample: AE02575
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 2/13/02 14:25 Ended: 2/13/02 14:25 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9	.5
2	Surr - 4-BROMOFLUOROBENZ		4.5	.5
3	Dichlorodifluoromethane		100	.5
4	Chloromethane		106	.5
5	Vinyl chloride		114	.5
6	Bromomethane		106	.5
7	Chloroethane		94	.5
8	Trichlorofluoromethane		100	.5
9	1,1-Dichloroethene		94	.5
10	Methylene Chloride		104	.5
11	Methyl tert butyl ether		78	1.0
12	trans-1,2-dichloroethene		92	.5
13	1,1-dichloroethane		96	.5
14	2-butanone (MEK)		130	2.0
15	2,2-dichloropropane		96	.5
16	cis-1,2-dichloroethene		100	.5
17	Chloroform		102	.5
18	Bromochloromethane		96	.5
19	1,2-dichloroethane		98	.5
20	Surr - TOLUENE-D8		5.2	.5
21	1,1,1-trichloroethane		104	.5
22	1,1-dichloropropene		110	.5
23	Carbon tetrachloride		104	.5
24	Benzene		108	.5
25	Trichloroethene		114	.5
26	1,2-dichloropropane		112	.5
27	Dibromomethane		96	.5
28	Bromodichloromethane		106	.5
29	Methyl iso-butyl ketone		96	1.0
30	cis-1,3-dichloropropene		106	.5
31	Toluene		110	.5
32	trans-1,3-dichloropropene		106	.5
33	1,1,2-trichloroethane		104	.5
34	Tetrachloroethene		108	.5
35	1,3-dichloropropane		102	.5
36	Dibromochloromethane		100	2.0
37	Chlorobenzene		110	.5
38	1,1,1,2-tetrachloroethane		108	.5
39	Ethylbenzene		116	.5
40	P & M-xylene		110	.5
41	O-xylene		112	.5
42	Styrene		106	.5
43	1,1,2,2-tetrachloroethane		96	.5
44	Bromoform		94	2.0
45	Isopropylbenzene		118	.5
46	1,2,3-trichloropropane		104	.5
47	N-propylbenzene		114	.5
48	Bromobenzene		112	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:25:10

Sample: AE02575
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 2/13/02 14:25 Ended: 2/13/02 14:25 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		118	.5
50	2-chlorotoluene		106	.5
51	4-chlorotoluene		122	.5
52	TERT-butylbenzene		116	.5
53	1,2,4-trimethylbenzene		114	.5
54	SEC-butylbenzene		118	.5
55	P-isopropyltoluene		120	.5
56	1,3-dichlorobenzene		112	.5
57	1,4-dichlorobenzene		108	.5
58	N-butylbenzene		118	.5
59	1,2-dichlorobenzene		110	.5
60	1,2,4-trichlorobenzene		96	.5
61	Hexachlorobutadiene		104	.5
62	Naphthalene		90	.5
63	1,2,3-trichlorobenzene		94	.5
64	Ethanol			
65				

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB08\0208R5A.D Vial: 2
Acq On : 8 Feb 2002 6:38 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:22 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	2105266	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1996586	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	898368	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	780705	4.87	ug/L	0.02
Spiked Amount 5.000			Recovery = 97.40%			
3) 4-BROMOFLUOROBENZENE	24.35	174	716198	4.53	ug/L	0.00
Spiked Amount 5.000			Recovery = 90.60%			
25) TOLUENE-D8	18.47	98	2550493	5.15	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.00%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	422451	5.03	ug/L	99
5) CHLOROMETHANE	5.47	50	349001	5.29	ug/L	96
6) VINYL CHLORIDE	5.61	62	169783	5.73	ug/L	100
7) BROMOMETHANE	6.60	94	200085	5.33	ug/L	96
8) CHLOROETHANE	6.75	64	177010	4.75	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.30	101	358462	5.00	ug/L	100
12) ACETONE	8.29	43	68027	4.70	ug/L	93
13) 1,1-DICHLOROETHENE	8.64	61	477409	4.72	ug/L	96
14) METHYLENE CHLORIDE	9.63	49	630740	5.21	ug/L	94
15) METHYL TERT BUTYL ETHER	9.94	73	527125	3.92	ug/L	93
16) TRANS-1,2-DICHLOROETHENE	10.31	61	601008	4.65	ug/L	97
17) 1,1-DICHLOROETHANE	11.20	63	731994	4.79	ug/L	99
18) 2-BUTANONE (MEK)	12.03	43	213638	6.48	ug/L	100
19) 2,2-DICHLOROPROPANE	12.41	77	588942	4.80	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.50	96	438318	5.02	ug/L	100
21) CHLOROFORM	12.83	83	777771	5.06	ug/L	98
22) BROMOCHLOROMETHANE	13.22	49	350813	4.80	ug/L	96
23) 1,2-DICHLOROETHANE	14.56	62	504681	4.88	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.74	97	578027	5.19	ug/L	97
27) 1,1-DICHLOROPROPENE	14.05	75	614539	5.53	ug/L	99
28) CARBON TETRACHLORIDE	14.31	117	467828	5.17	ug/L	100
29) BENZENE	14.66	78	1546888	5.36	ug/L	99
30) TRICHLOROETHENE	15.93	95	491038	5.69	ug/L	99
31) 1,2-DICHLOROPROPANE	16.28	63	452464	5.55	ug/L	98
32) DIBROMOMETHANE	16.96	174	186675	4.82	ug/L	96
33) BROMODICHLOROMETHANE	16.80	83	553168	5.30	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.29	63	136755	4.54	ug/L	100
35) METHYL ISO-BUTYL KETONE	17.36	58	71540	4.79	ug/L	100

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

Data File : C:\HPCHEM\1\DATA\02FEB08\0208R5A.D Vial: 2
Acq On : 8 Feb 2002 6:38 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:22 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

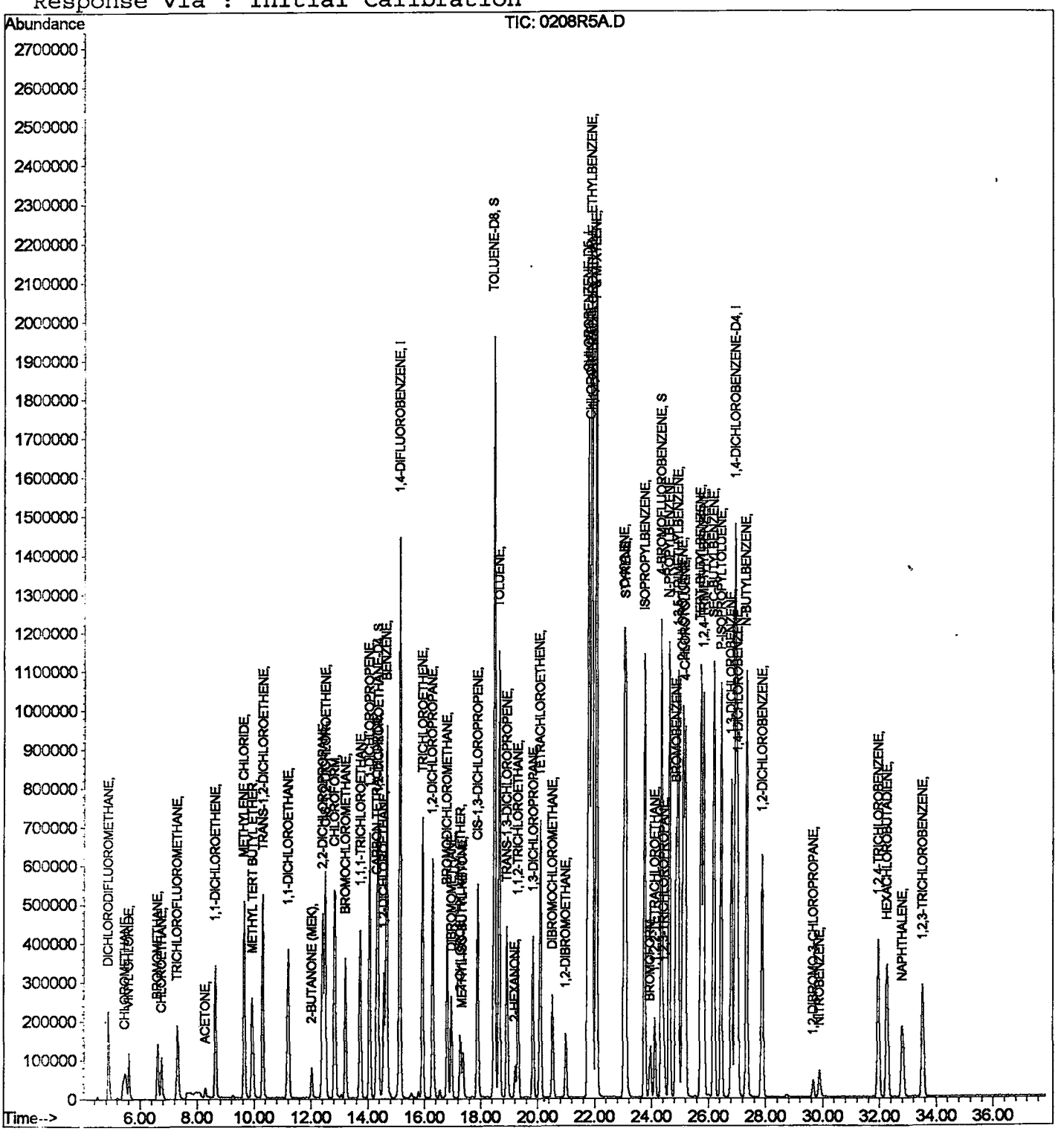
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	CIS-1,3-DICHLOROPROPENE	17.90	75	607434	5.28 ug/L	97
37)	TOLUENE	18.65	91	1668724	5.54 ug/L	100
38)	TRANS-1,3-DICHLOROPROPENE	18.92	75	445105	5.28 ug/L	99
39)	1,1,2-TRICHLOROETHANE	19.31	97	252622	5.17 ug/L	98
40)	TETRACHLOROETHENE	20.09	166	441030	5.37 ug/L	96
41)	1,3-DICHLOROPROPANE	19.85	76	490814	5.13 ug/L	99
42)	DIBROMOCHLOROMETHANE	20.53	129	294633	5.01 ug/L	98
43)	1,2-DIBROMOETHANE	20.98	107	259406	4.90 ug/L	98
44)	CHLOROBENZENE	21.87	112	1058793	5.50 ug/L	100
45)	1,1,1,2-TETRACHLOROETHANE	21.92	131	348085	5.40 ug/L	99
46)	2-HEXANONE	19.20	43	130169	4.34 ug/L	98
47)	ETHYLBENZENE	21.90	91	2010194	5.79 ug/L	98
48)	P & M-XYLENE	22.06	106	1325950	11.19 ug/L	97
49)	O-XYLENE	23.03	91	1540937	5.58 ug/L	98
50)	STYRENE	23.08	104	1065385	5.33 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	260885	4.83 ug/L	94
53)	BROMOFORM	23.95	173	131801	4.71 ug/L	100
54)	ISOPROPYLBENZENE	23.76	105	1731931	5.95 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.44	110	75029	5.24 ug/L	99
56)	N-PROPYLBENZENE	24.63	91	2192407	5.72 ug/L	100
57)	BROMOBENZENE	24.88	156	410616	5.62 ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.95	105	1469483	5.91 ug/L	99
59)	2-CHLOROTOLUENE	25.10	91	1324515	5.35 ug/L	99
60)	4-CHLOROTOLUENE	25.19	91	1348747	6.10 ug/L	98
61)	TERT-BUTYLBENZENE	25.73	119	1309281	5.84 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.83	105	1491195	5.72 ug/L	99
63)	SEC-BUTYLBENZENE	26.20	105	1885894	5.91 ug/L	100
64)	P-ISOPROPYLTOLUENE	26.46	119	1453886	6.00 ug/L	98
65)	1,3-DICHLOROBENZENE	26.81	146	772896	5.63 ug/L	98
66)	1,4-DICHLOROBENZENE	27.04	146	755757	5.39 ug/L	98
67)	N-BUTYLBENZENE	27.33	91	1549713	5.94 ug/L	99
68)	1,2-DICHLOROBENZENE	27.89	146	648704	5.47 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	28815	4.43 ug/L	93
70)	1,2,4-TRICHLOROBENZENE	31.96	180	366867	4.83 ug/L	95
71)	HEXACHLOROBUTADIENE	32.27	225	193549	5.23 ug/L	96
72)	NAPHTHALENE	32.81	128	459796	4.51 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.51	180	287259	4.72 ug/L	99
74)	NITROBENZENE	29.89	77	95167	68.31 ug/L	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\0208R5A.D Vial: 2
Acq On : 8 Feb 2002 6:38 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:22 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 13:22:53

Sample: AE02089
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 2/8/02 00:07 Ended: 2/8/02 00:07 Analyst: BH
Result source: a:\2089d.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 13:22:53

Sample: AE02089
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 2/8/02 00:07 Ended: 2/8/02 00:07 Analyst: BH
Result source: a:\2089d.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	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Data File : C:\HPCHEM\1\DATA\02FEB08\2089D.D Vial: 3
Acq On : 8 Feb 2002 7:21 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:36 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

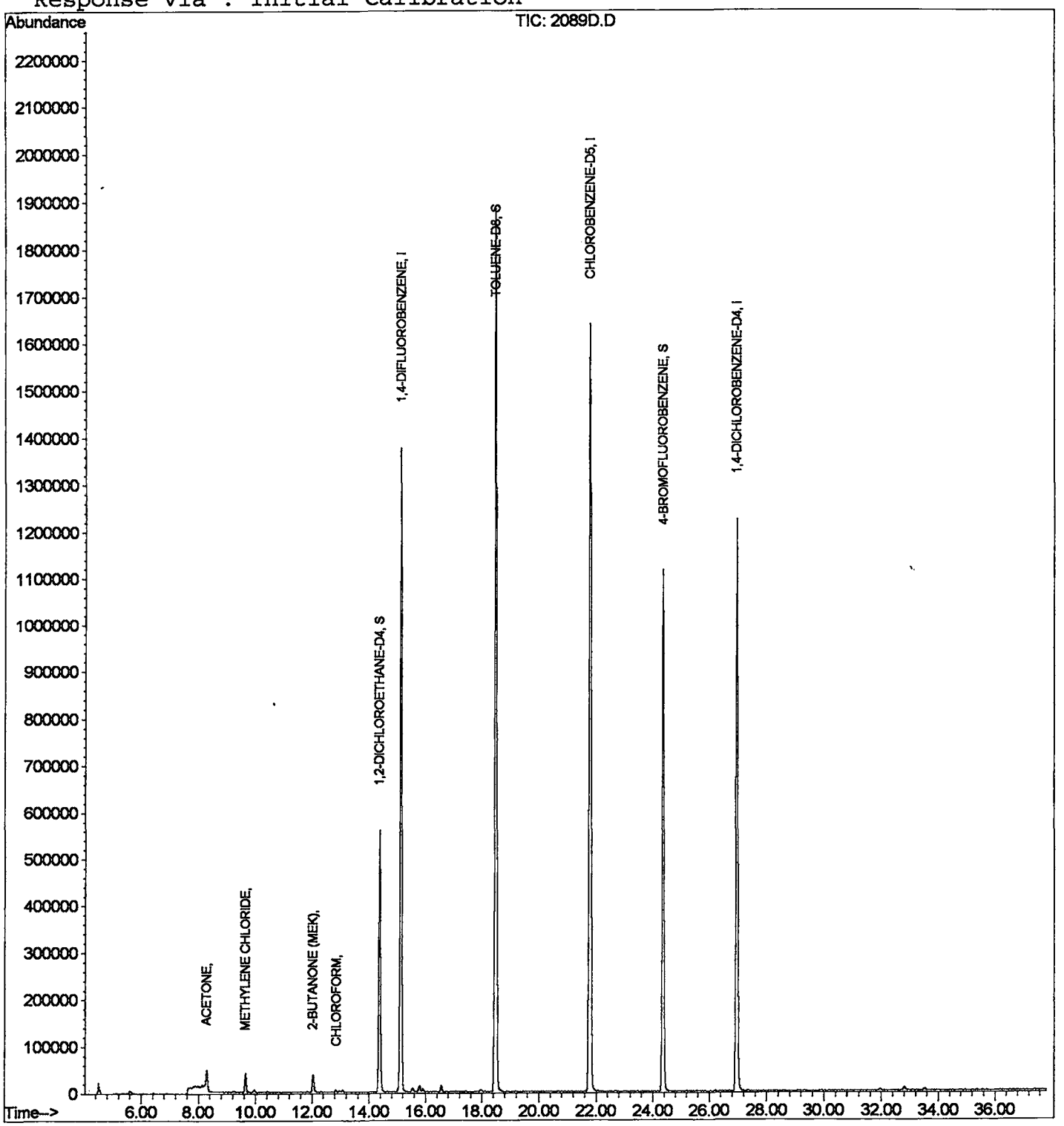
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	2017859	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1917718	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	764831	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	766604	4.99	ug/L	0.02
Spiked Amount 5.000			Recovery =	99.80%		
3) 4-BROMOFLUOROBENZENE	24.36	174	653130	4.31	ug/L	0.00
Spiked Amount 5.000			Recovery =	86.20%		
25) TOLUENE-D8	18.47	98	2472843	5.20	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.00%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	128147	9.24	ug/L	96
14) METHYLENE CHLORIDE	9.63	49	47991	~~0.41~~	~~ug/L~~	89
18) 2-BUTANONE (MEK)	12.03	43	109593	3.47	ug/L	96
21) CHLOROFORM	12.85	83	8311	0.06	ug/L	99

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

Data File : C:\HPCHEM\1\DATA\02FEB08\2089D.D
Acq On : 8 Feb 2002 7:21 pm
Sample : nyc 524 dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:36 2002

Vial: 3
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2089D.D Vial: 3
Acq On : 8 Feb 2002 7:21 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

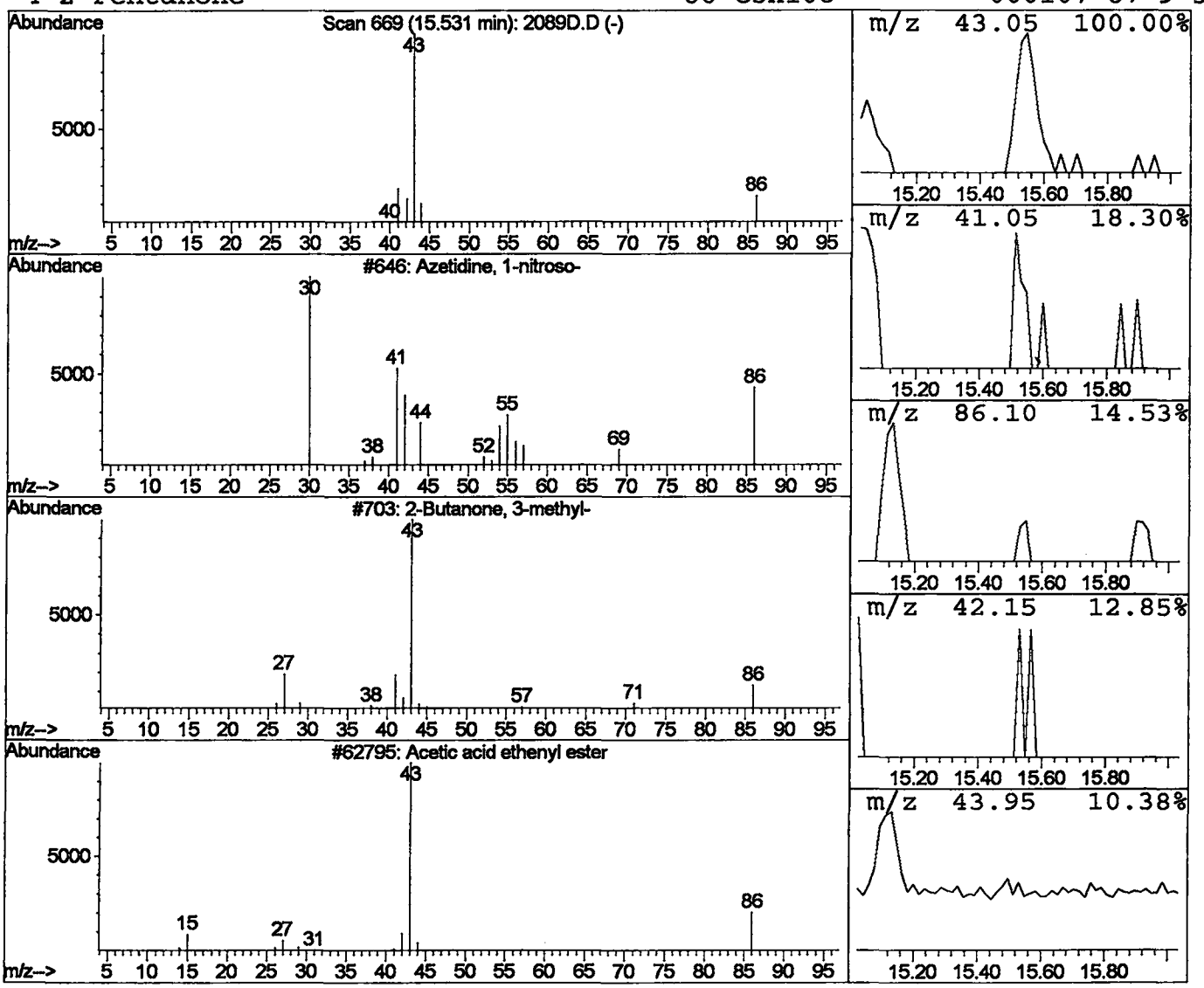
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Azetidine, 1-nitroso- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.03 ug/L	34809	1,4-DIFLUOROBENZENE	15.13

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



Data File : C:\HPCHEM\1\DATA\02feb08\2089D.D Vial: 3
Acq On : 8 Feb 2002 7:21 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

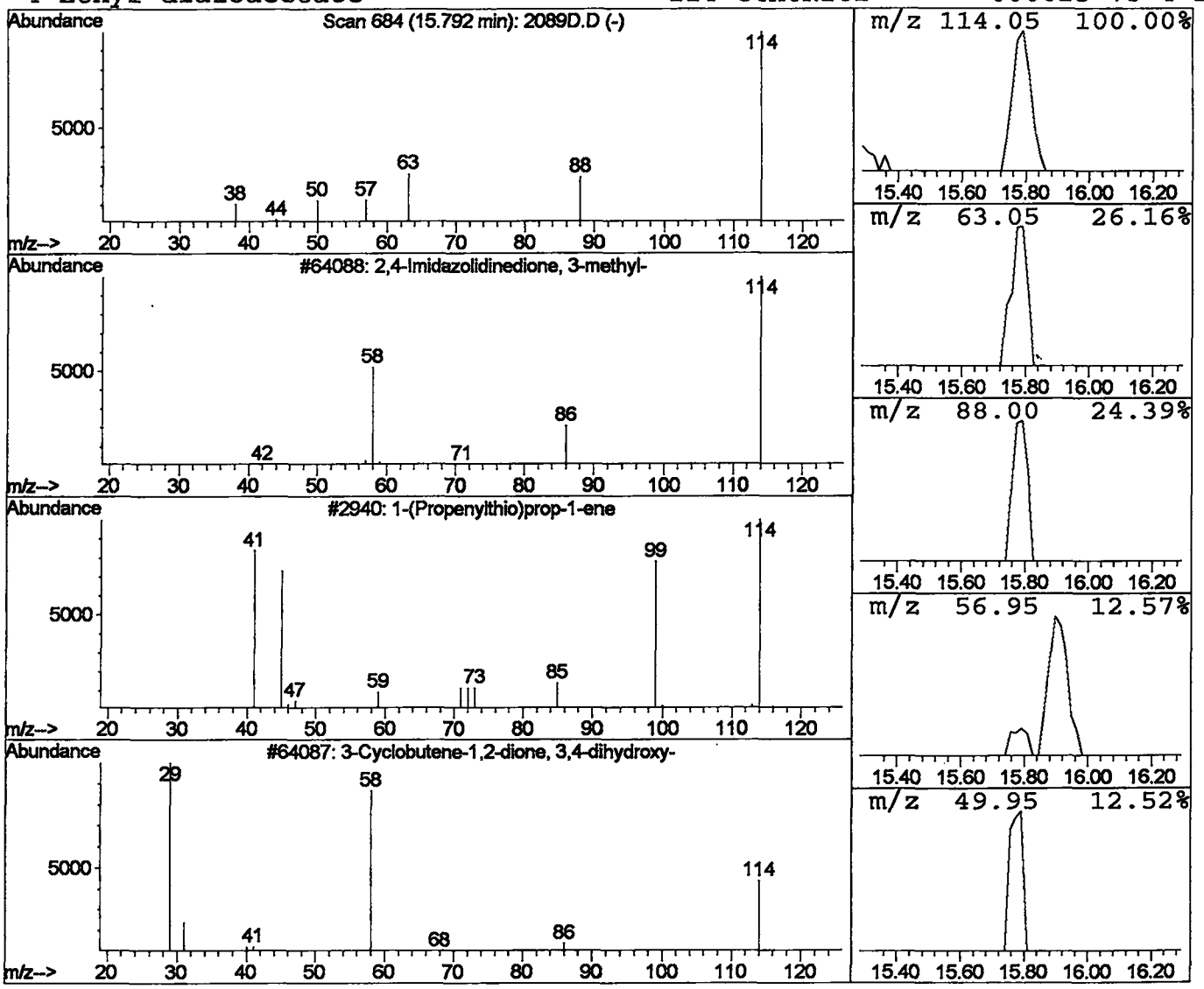
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	46642	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



Data File : C:\HPCHEM\1\DATA\02feb08\2089D.D Vial: 3
Acq On : 8 Feb 2002 7:21 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

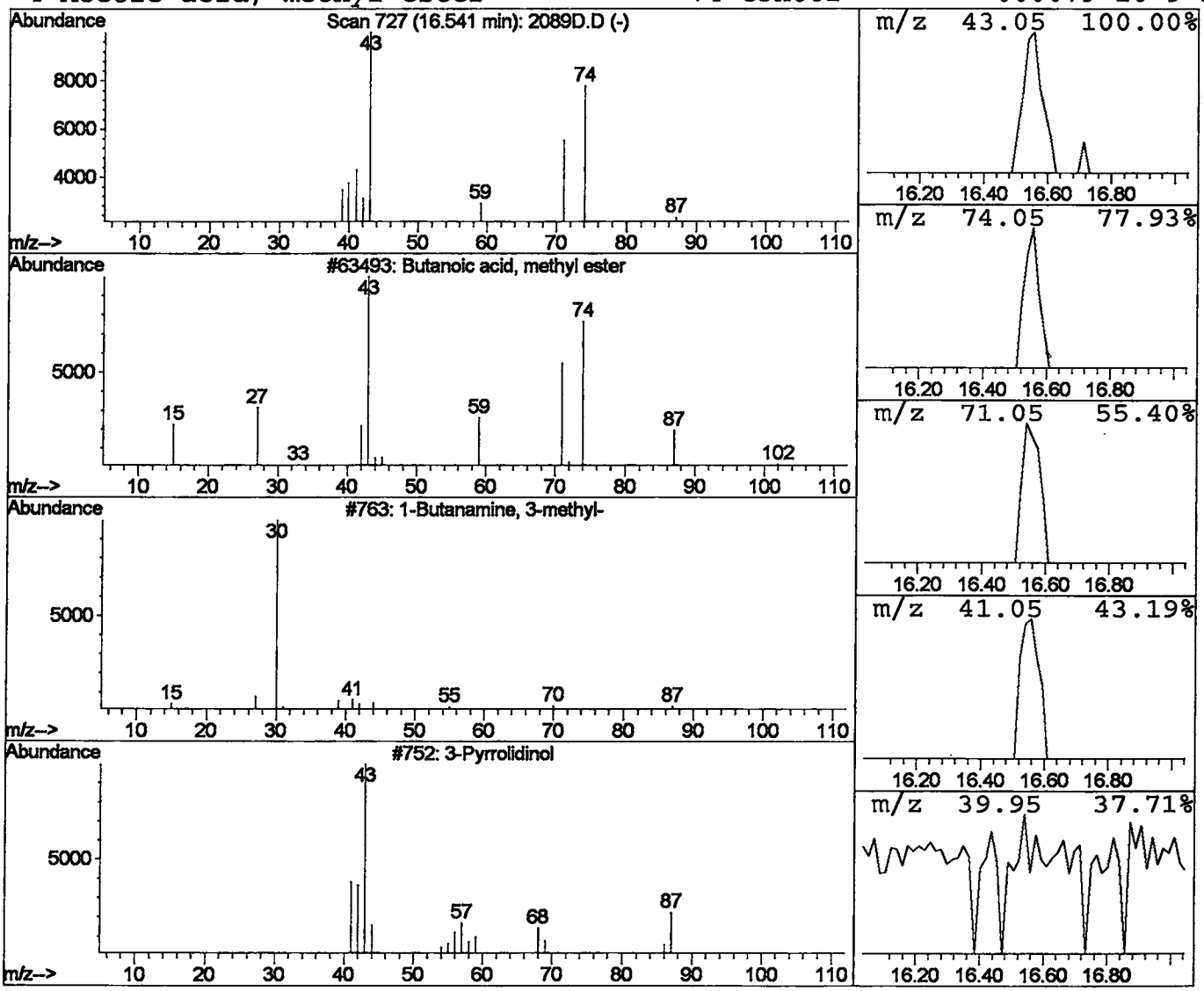
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	52924	1,4-DIFLUOROBENZENE	15.13

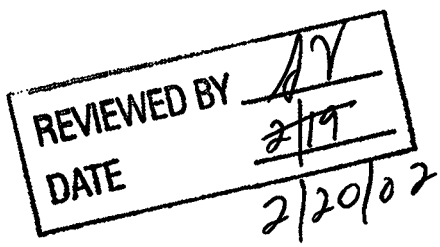
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	74
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
4	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:30:07

Sample: AE02386
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:08 Ended: 2/8/02 00:08 Analyst: BH
Result source: a:\2386.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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: 02/13/2002 Time: 14:30:07

Sample: AE02386
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:08 Ended: 2/8/02 00:08 Analyst: BH
Result source: a:\2386.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\02FEB08\2386.D Vial: 4
Acq On : 8 Feb 2002 8:04 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:37 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	2034782	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1759517	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	768637	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	770620	4.97	ug/L	0.02
Spiked Amount 5.000			Recovery =	99.40%		
3) 4-BROMOFLUOROBENZENE	24.36	174	611737	4.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	80.00%		
25) TOLUENE-D8	18.47	98	2280401	5.23	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.60%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	57966	4.14	ug/L	94
14) METHYLENE CHLORIDE	9.65	49	50761	0.43	ug/L	98
18) 2-BUTANONE (MEK)	12.03	43	114401	3.59	ug/L	96
21) CHLOROFORM	12.83	83	8187	0.06	ug/L	96

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

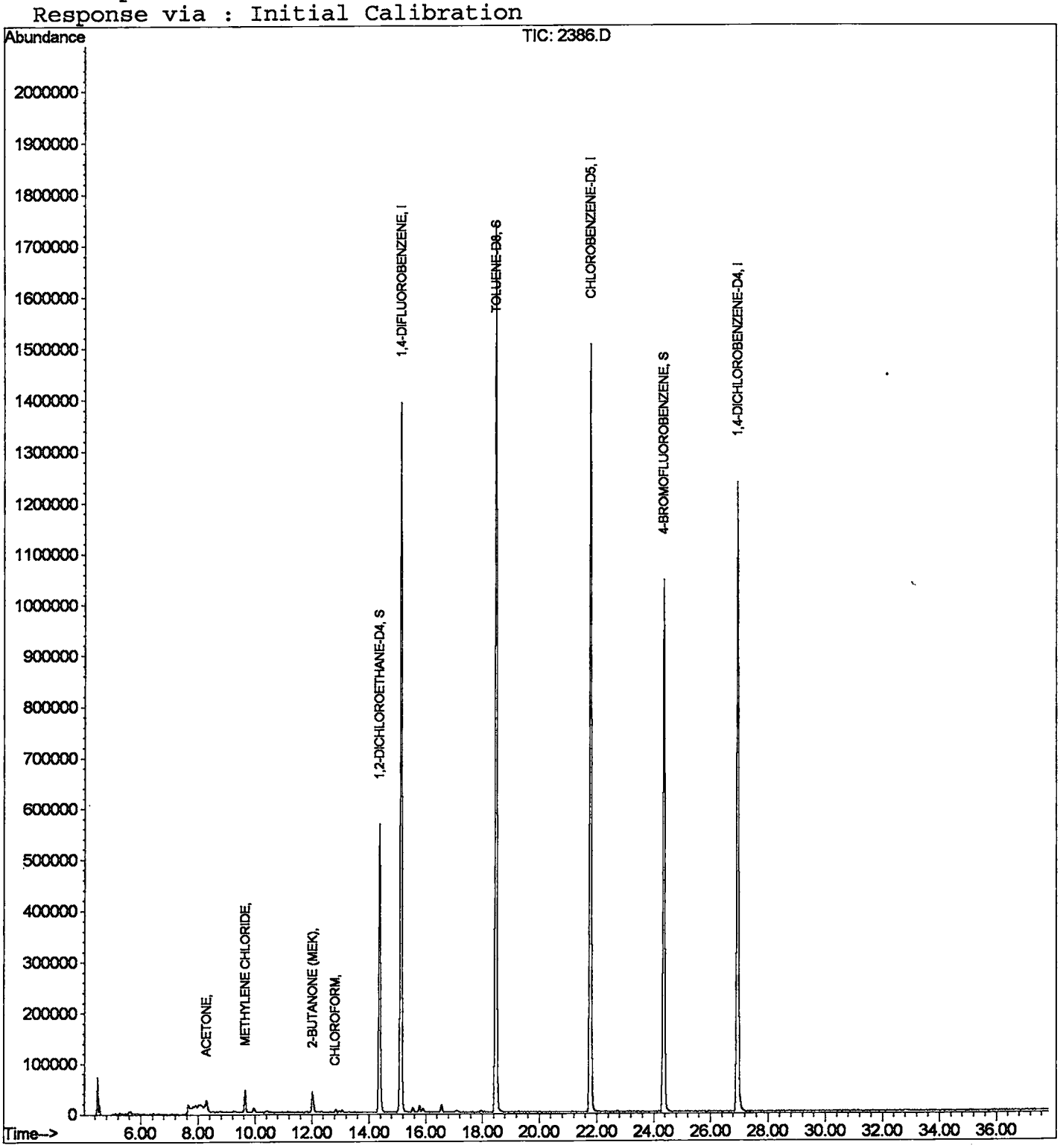
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2386.D
Acq On : 8 Feb 2002 8:04 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:37 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2386.D Vial: 4
Acq On : 8 Feb 2002 8:04 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

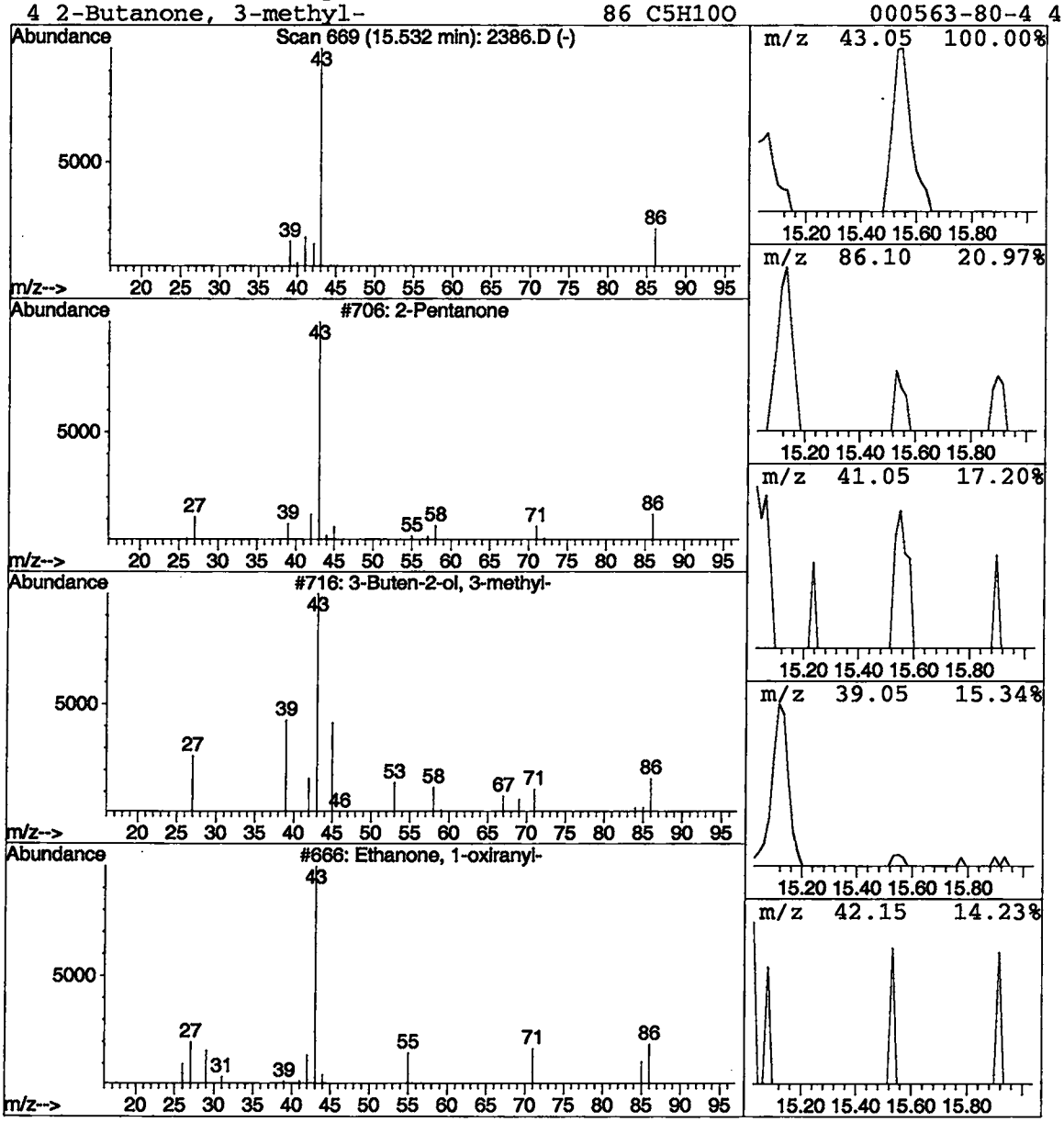
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.03 ug/L	38200	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	7
2	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	5
3	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	5
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2386.D
Acq On : 8 Feb 2002 8:04 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P

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

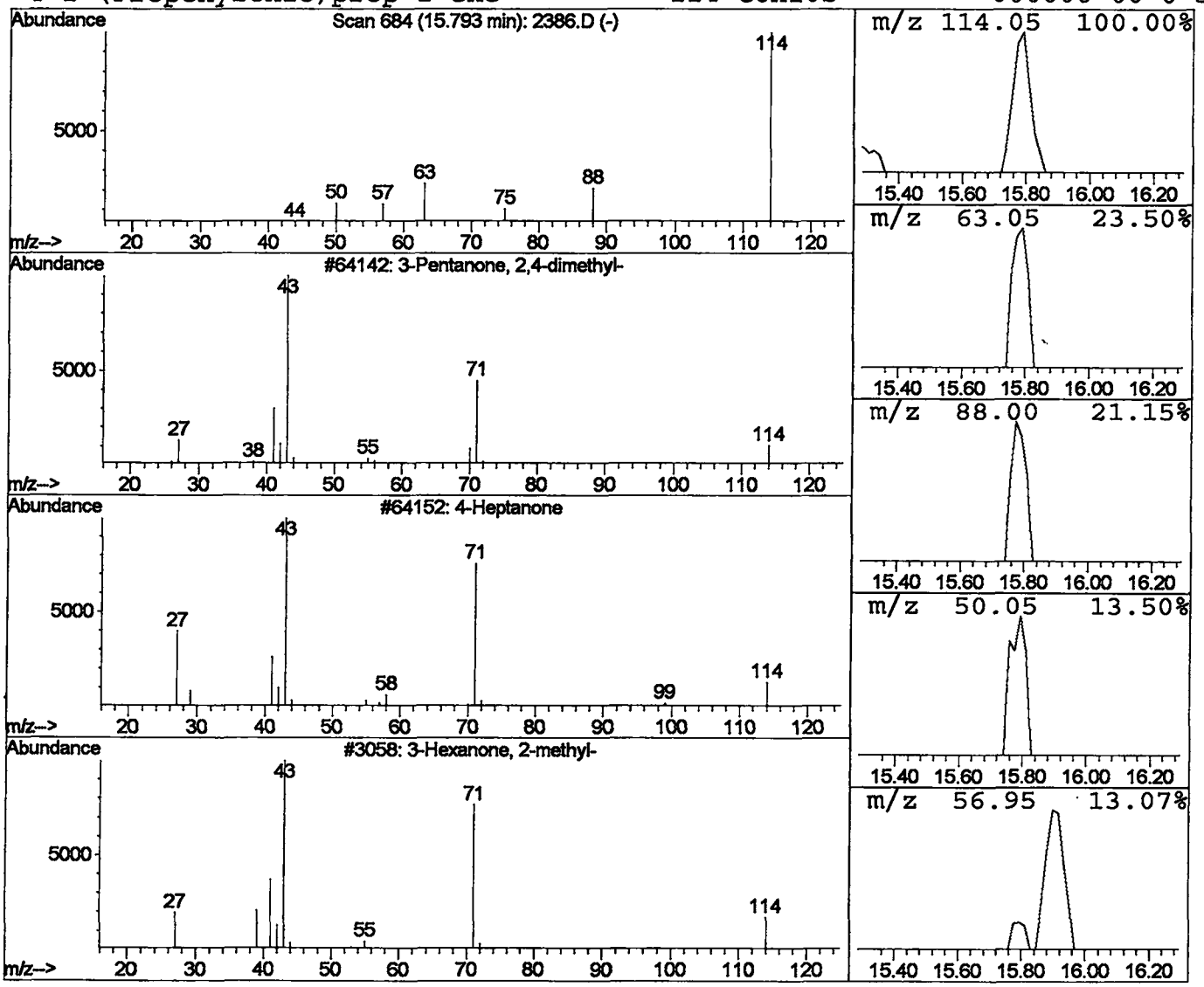
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.04 ug/L	40330	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



Data File : C:\HPCHEM\1\DATA\02FEB08\2386.D Vial: 4
Acq On : 8 Feb 2002 8:04 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

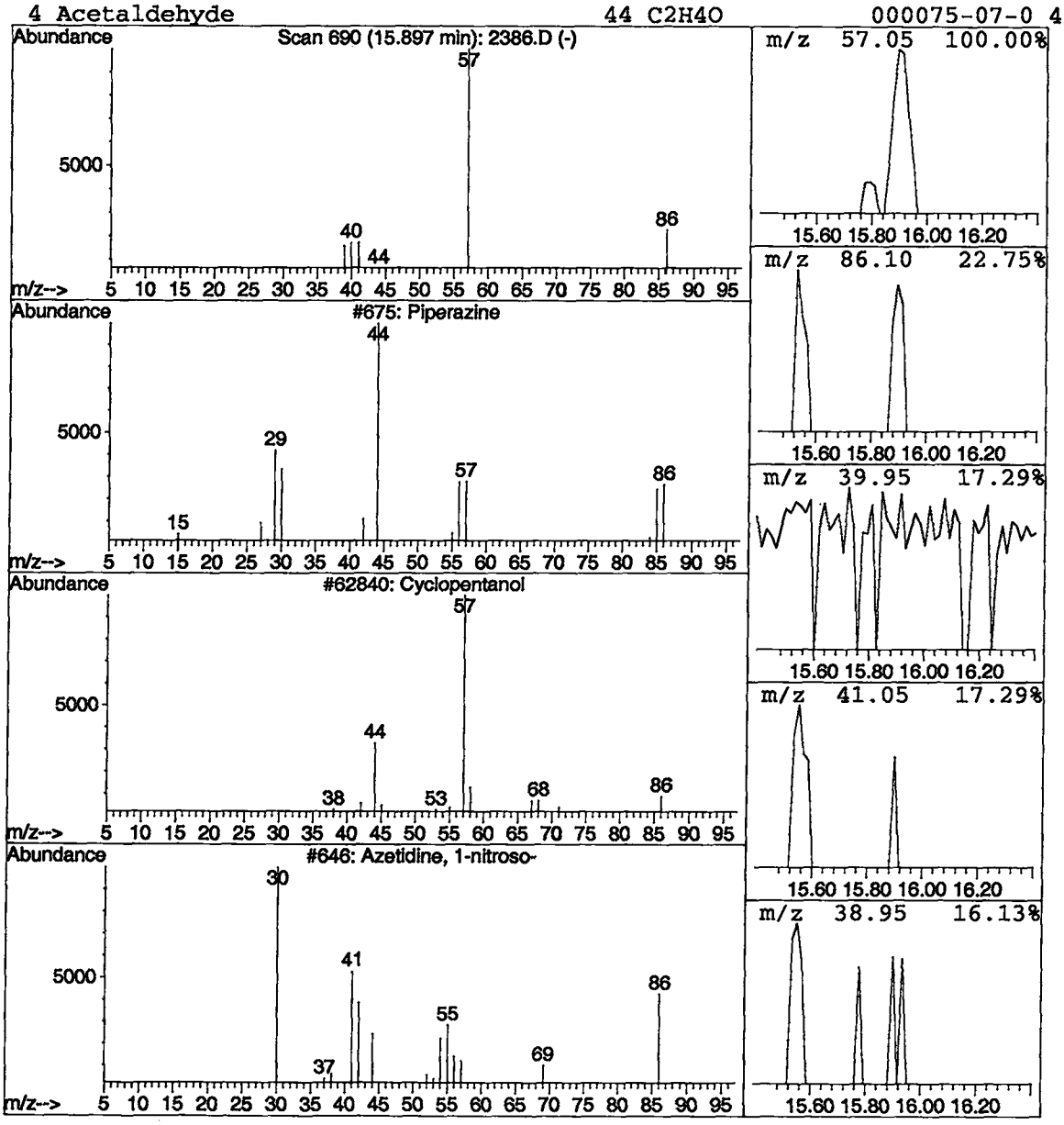
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.03 ug/L	29319	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	7
2	Cyclopentanol	86	C5H10O	000096-41-3	5
3	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	4
4	Acetaldehyde	44	C2H4O	000075-07-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2386.D Vial: 4
Acq On : 8 Feb 2002 8:04 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

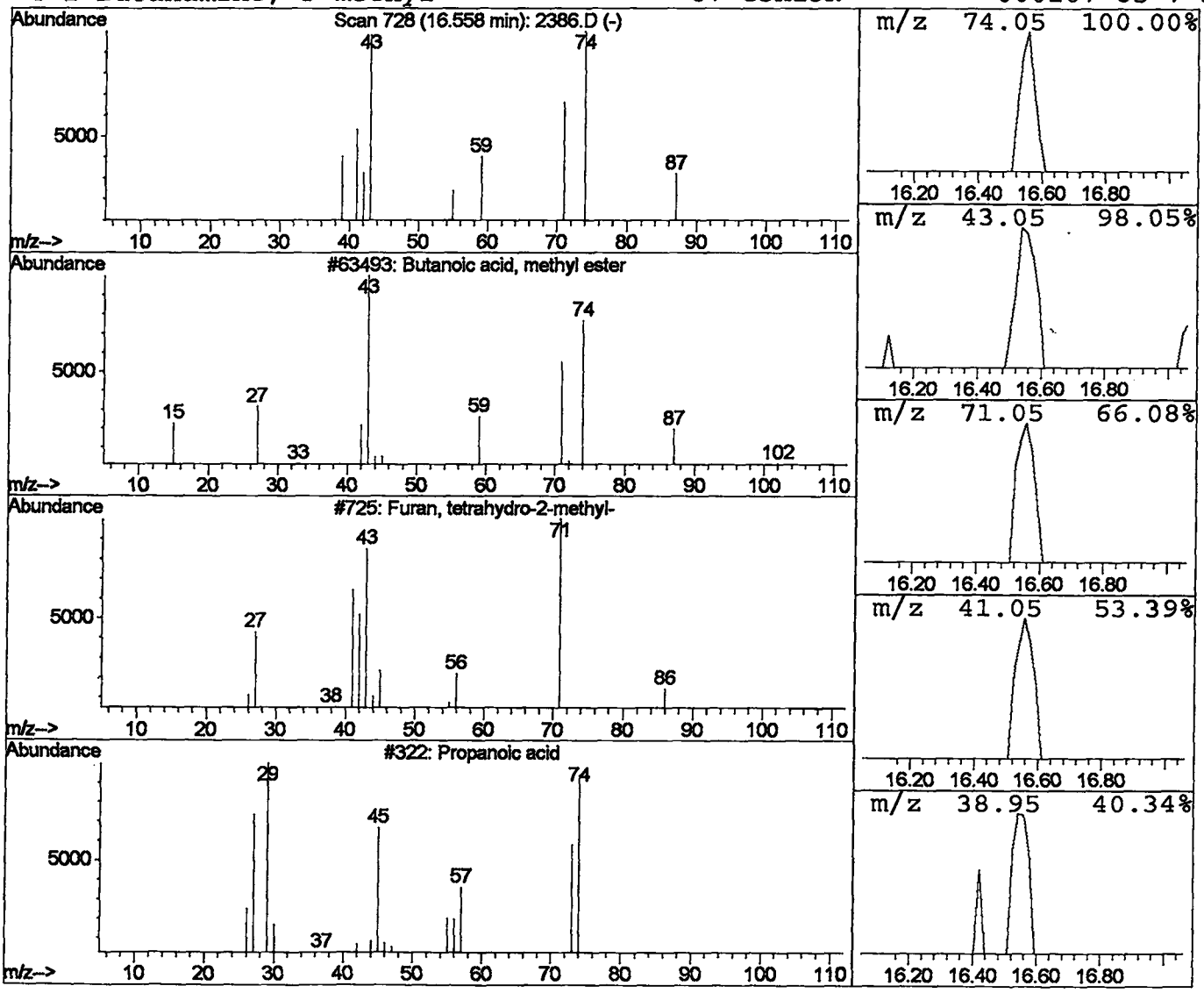
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	0.05 ug/L	52736	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9
3	Propanoic acid	74	C3H6O2	000079-09-4	5
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:57:08

Sample: AE02575
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:08 Ended: 2/8/02 00:08 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTBE)		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.2	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 2/20/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:57:08

Sample: AE02575
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:08 Ended: 2/8/02 00:08 Analyst: BH
Result source: manual entry
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\02FEB08\2575.D Vial: 5
Acq On : 8 Feb 2002 8:47 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:37 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	2037369	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1826113	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	817837	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	780431	5.03	ug/L	0.02
Spiked Amount 5.000			Recovery = 100.60%			
3) 4-BROMOFLUOROBENZENE	24.36	174	648685	4.24	ug/L	0.00
Spiked Amount 5.000			Recovery = 84.80%			
25) TOLUENE-D8	18.47	98	2345615	5.18	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.60%			
Target Compounds						Qvalue
12) ACETONE	8.29	43	70424	5.03	ug/L	95
14) METHYLENE CHLORIDE	9.63	49	49920	~~0.43~~	ug/L	97
18) 2-BUTANONE (MEK)	12.03	43	115249	~~3.61~~	ug/L	98
21) CHLOROFORM	12.83	83	8815	0.06	ug/L	89

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

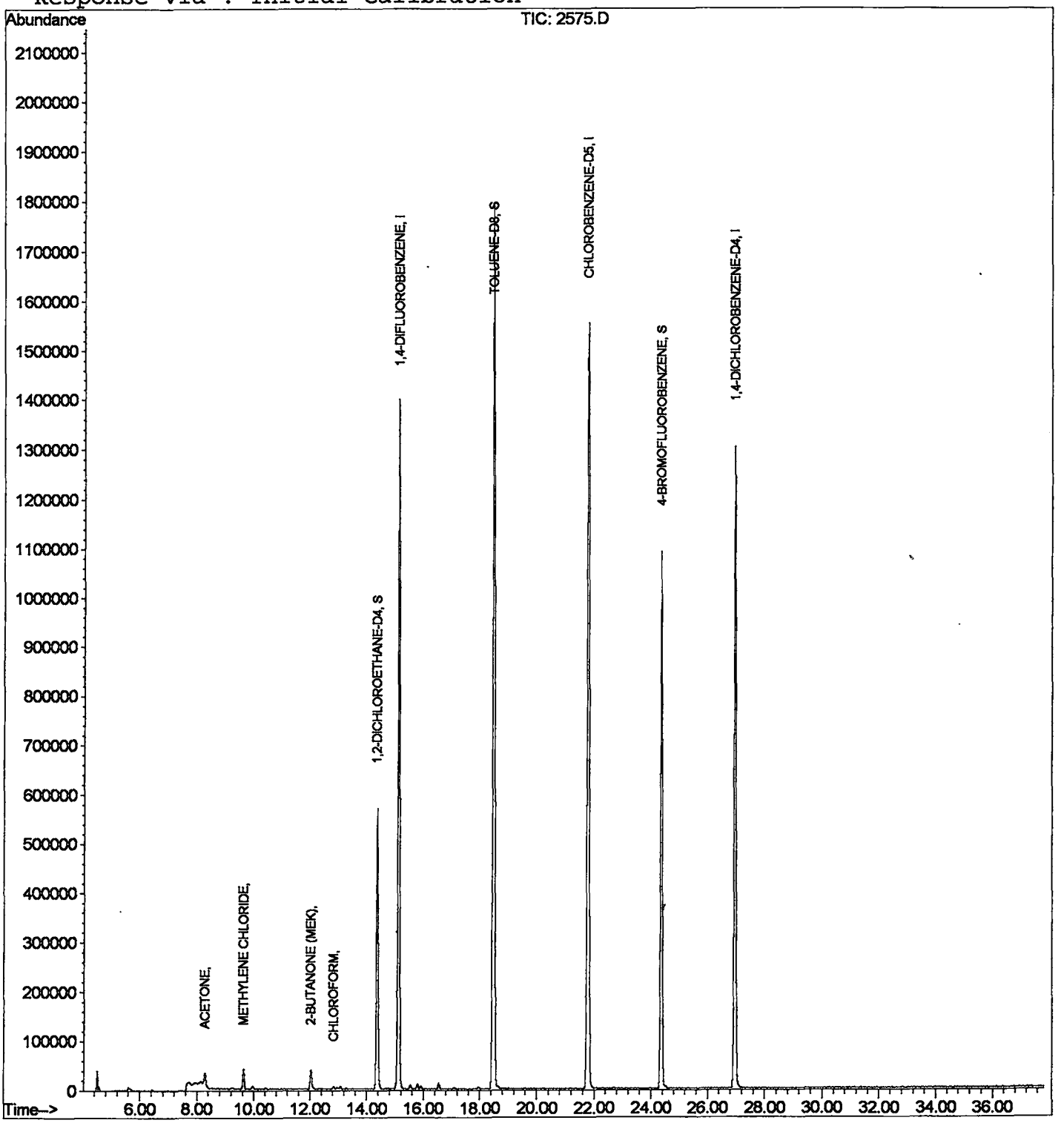
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2575.D
Acq On : 8 Feb 2002 8:47 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:37 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02feb08\2575.D Vial: 5
Acq On : 8 Feb 2002 8:47 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

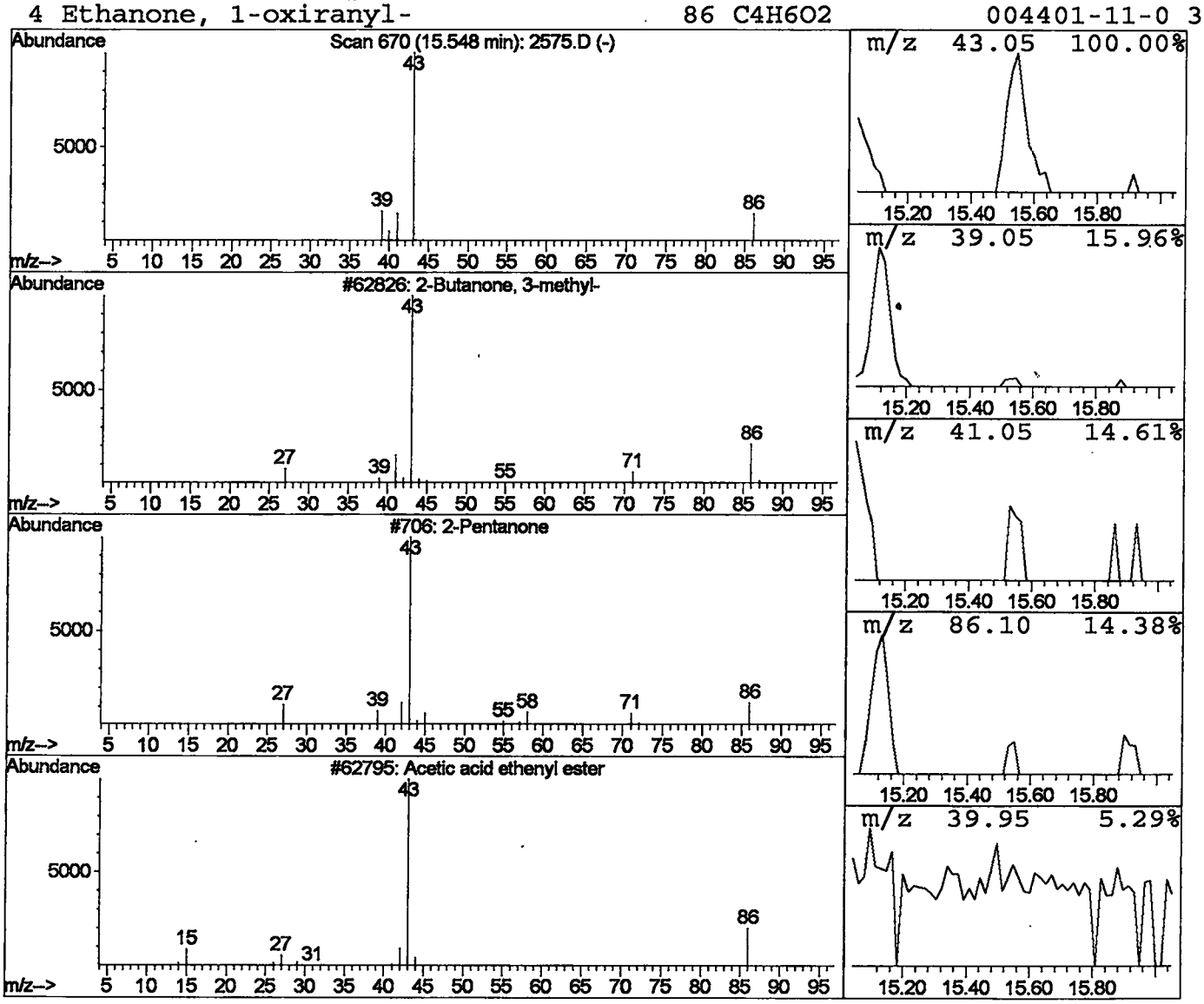
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	0.03 ug/L	33361	1,4-DIFLUOROBENZENE	15.13

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2575.D
Acq On : 8 Feb 2002 8:47 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P

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

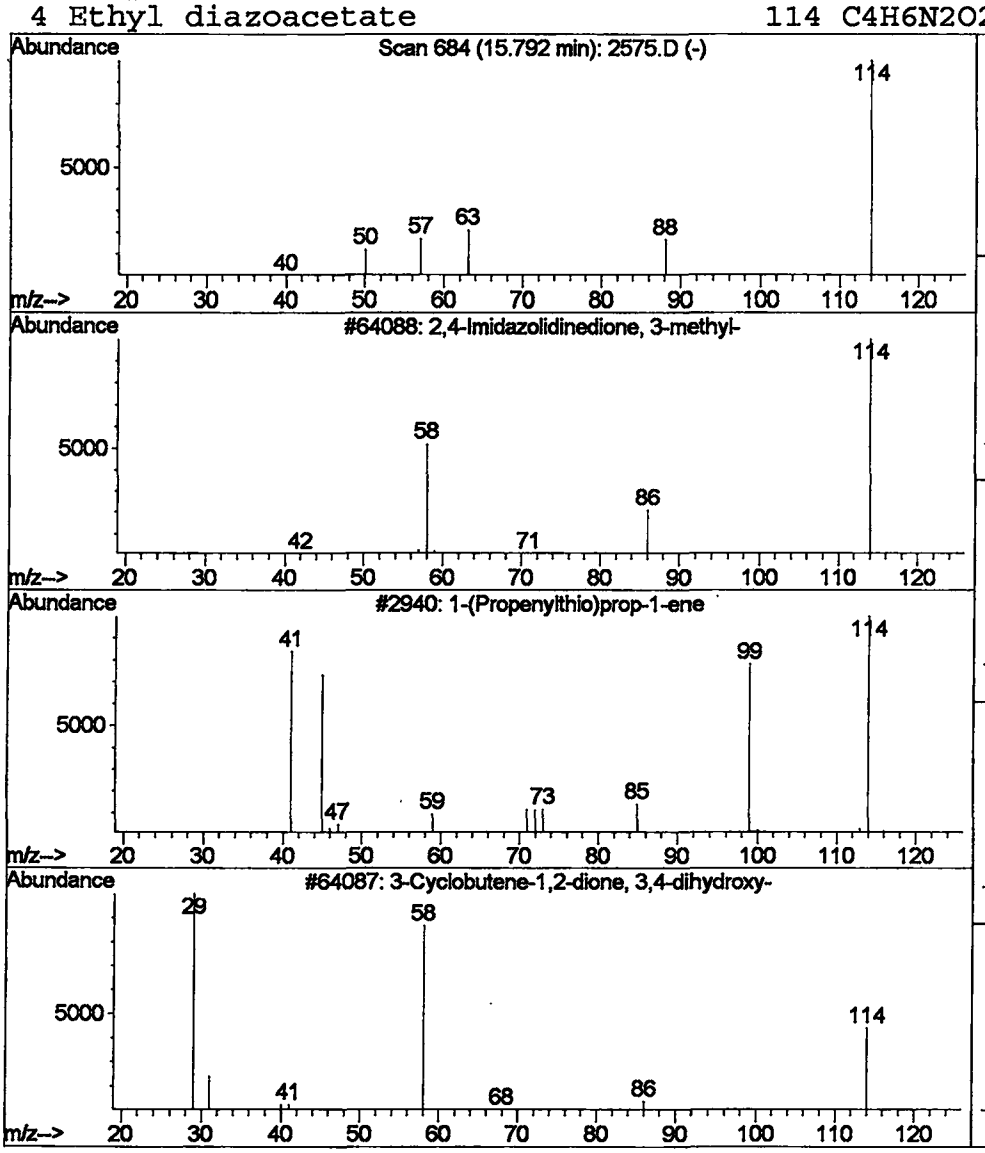
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	0.03 ug/L	35684	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\02FEB08\2575.D Vial: 5
Acq On : 8 Feb 2002 8:47 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

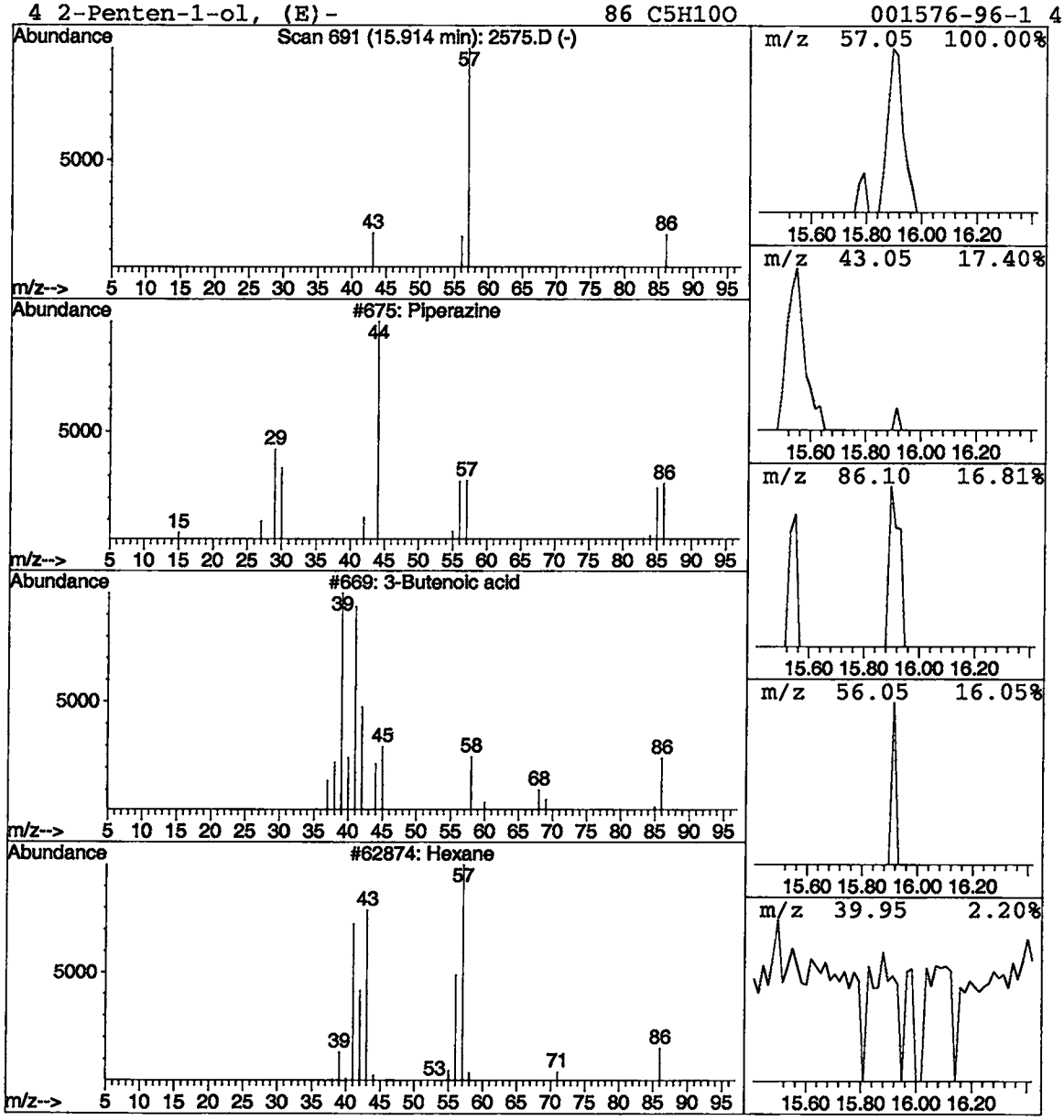
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	0.03 ug/L	32121	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	9
2	3-Butenoic acid	86	C4H6O2	000625-38-7	4
3	Hexane	86	C6H14	000110-54-3	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2575.D Vial: 5
Acq On : 8 Feb 2002 8:47 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

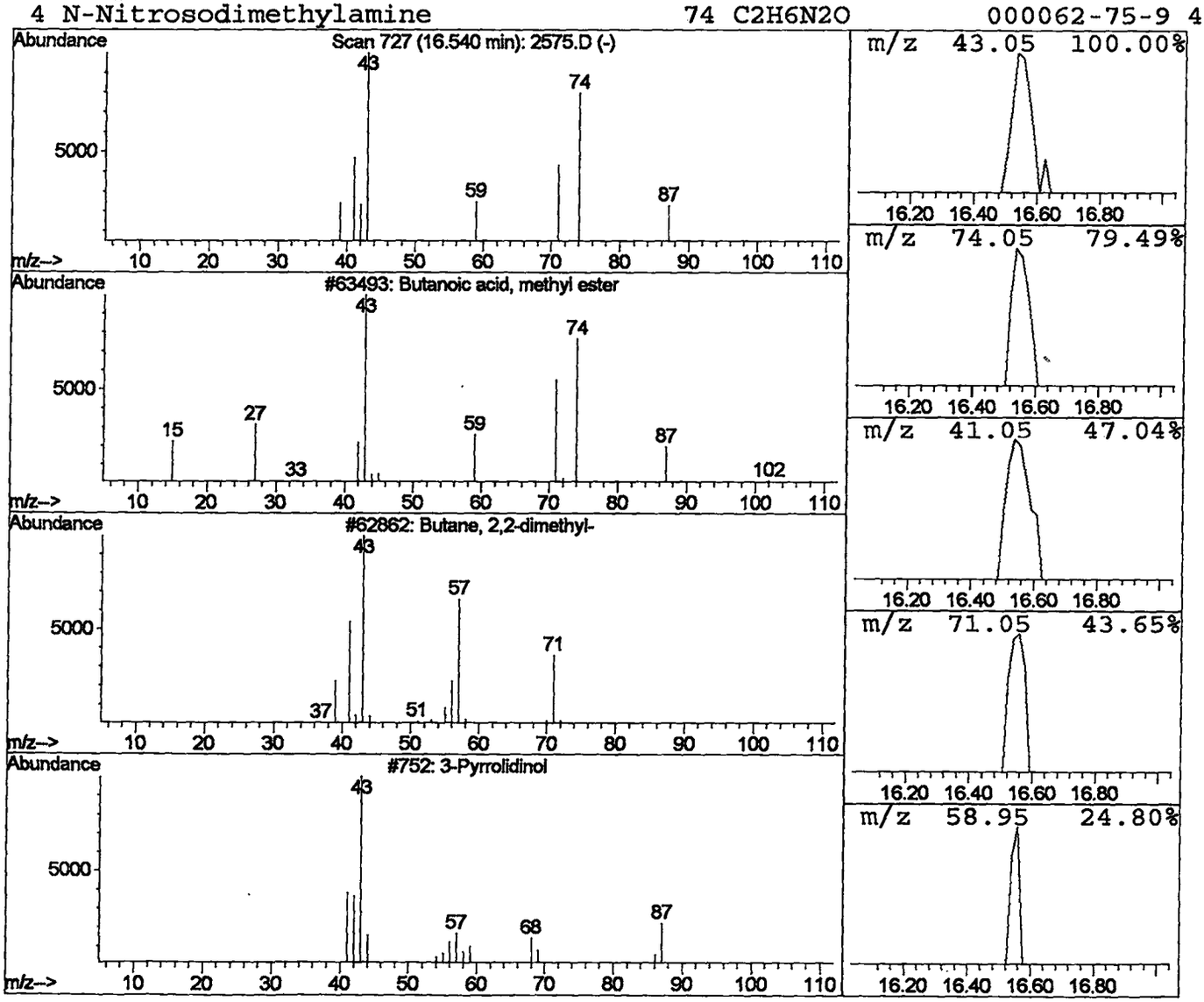
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.04 ug/L	44578	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	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	5
4	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:31:17

Sample: AE02576
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:09 Ended: 2/8/02 00:09 Analyst: BH
Result source: a:\2576.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	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		5.2	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 AT
DATE 2/20/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:31:17

Sample: AE02576
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:09 Ended: 2/8/02 00:09 Analyst: BH
Result source: a:\2576.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\02FEB08\2576.D Vial: 6
Acq On : 8 Feb 2002 9:31 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:39 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.13	114	1848258	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	1764629	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.95	152	793690	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	718161	5.10	ug/L	0.02
Spiked Amount 5.000			Recovery = 102.00%			
3) 4-BROMOFLUOROBENZENE	24.35	174	620413	4.47	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.40%			
25) TOLUENE-D8	18.47	98	2260374	5.17	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.40%			
Target Compounds						Qvalue
12) ACETONE	8.27	43	62392	4.91	ug/L	99
14) METHYLENE CHLORIDE	9.63	49	45226	~~0.43~~	~~ug/L~~	94
18) 2-BUTANONE (MEK)	12.01	43	109799	~~3.79~~	~~ug/L~~	100

(#) = qualifier out of range (m) = manual integration
2576.D HP021102.M Wed Feb 13 09:39:23 2002 Page 1

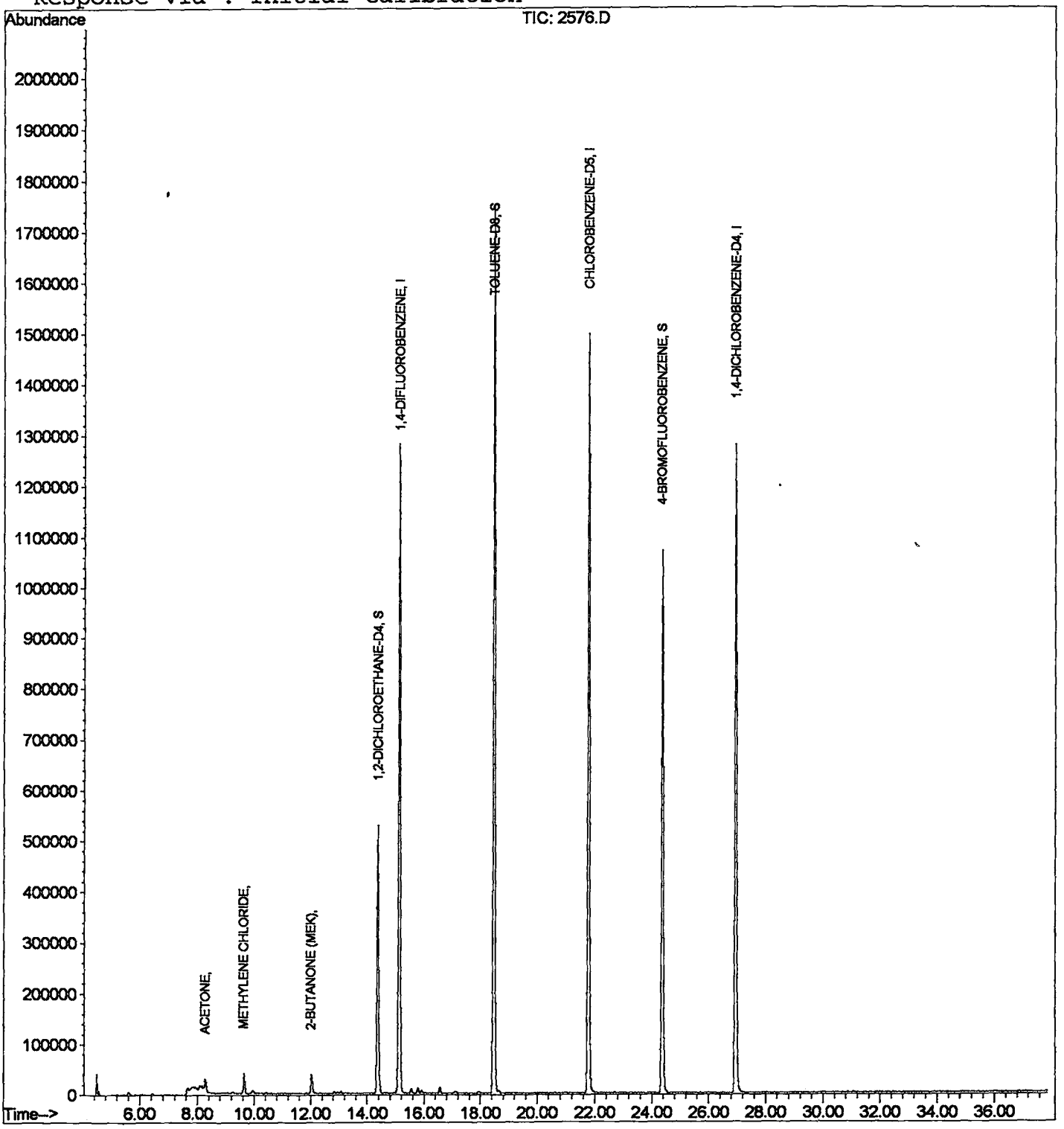
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2576.D
Acq On : 8 Feb 2002 9:31 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:39 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2576.D Vial: 6
Acq On : 8 Feb 2002 9:31 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

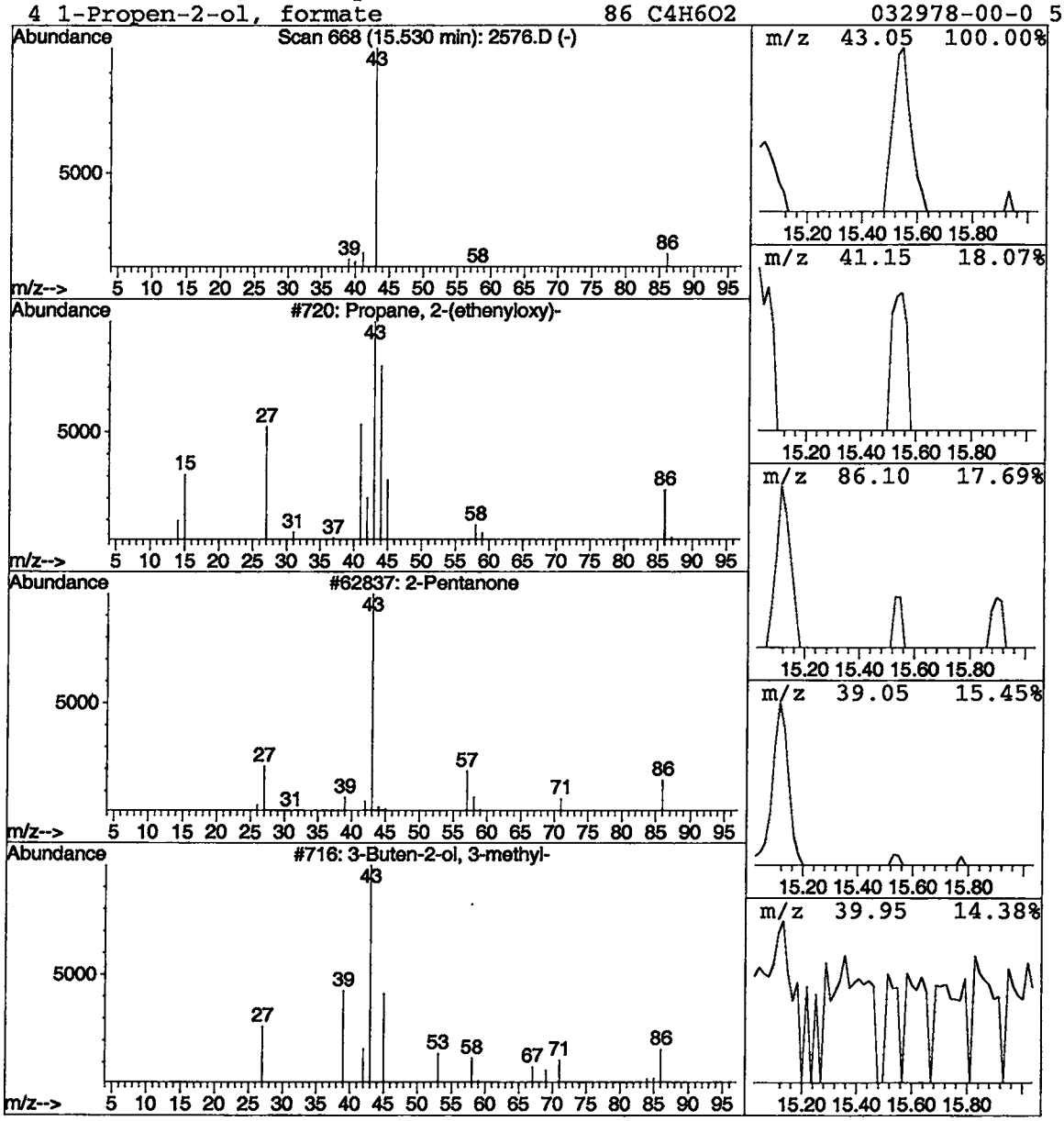
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane, 2-(ethenyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	40512	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	9
2	2-Pentanone	86	C5H10O	000107-87-9	7
3	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	5
4	1-Propen-2-ol, formate	86	C4H6O2	032978-00-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2576.D Vial: 6
Acq On : 8 Feb 2002 9:31 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

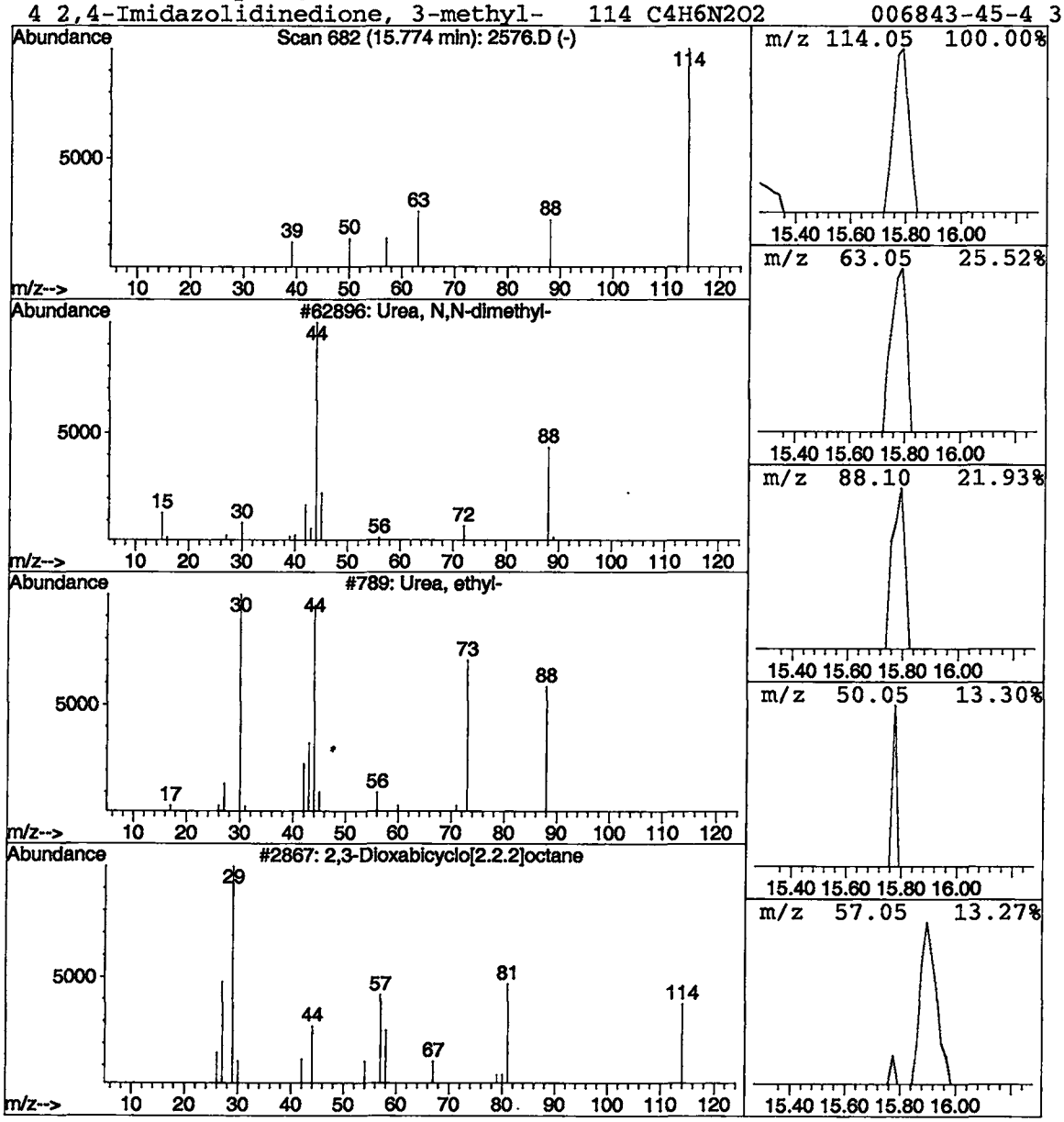
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	40043	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2576.D Vial: 6
Acq On : 8 Feb 2002 9:31 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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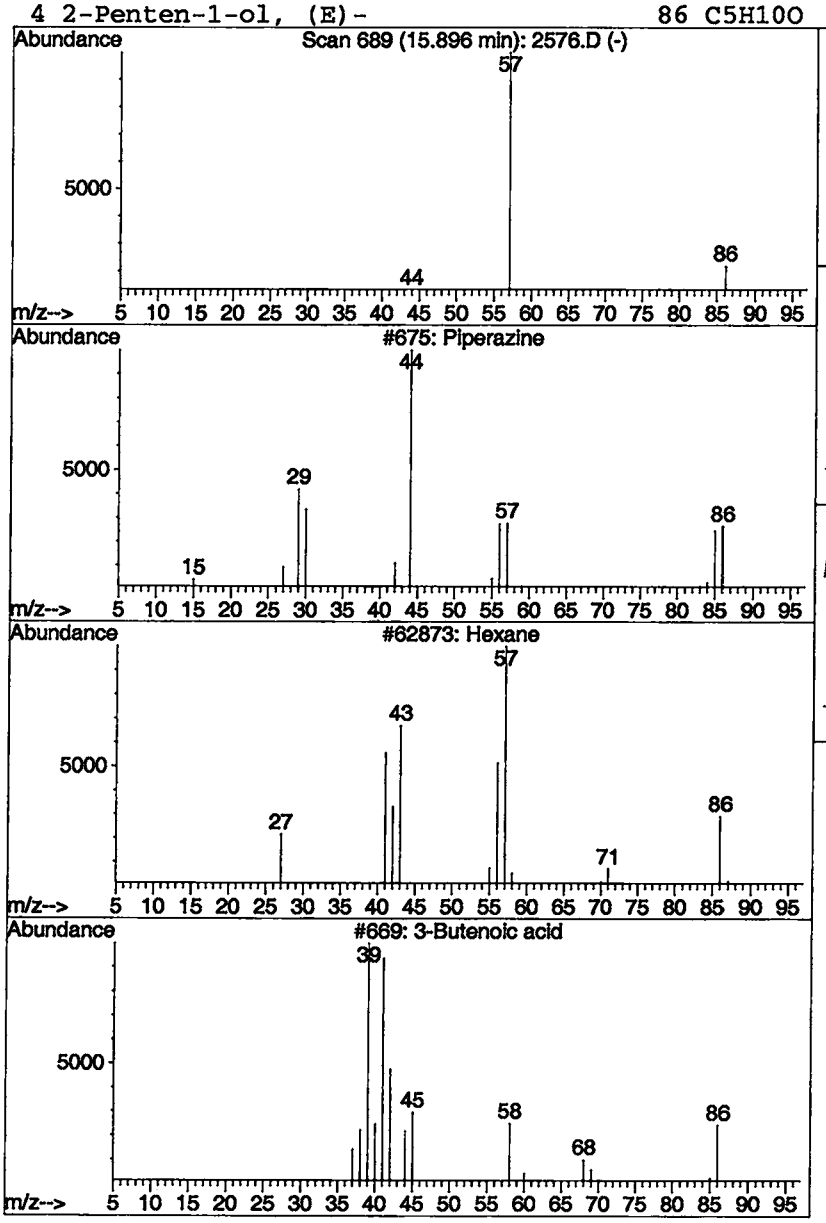
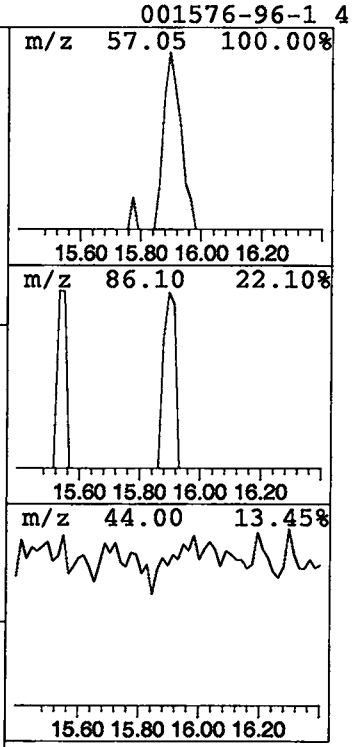
Peak Number 1 Piperazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.03 ug/L	25427	1,4-DIFLUOROBENZENE	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	4
2	Hexane	86	C6H14	000110-54-3	4
3	3-Butenoic acid	86	C4H6O2	000625-38-7	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2576.D
Acq On : 8 Feb 2002 9:31 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P

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

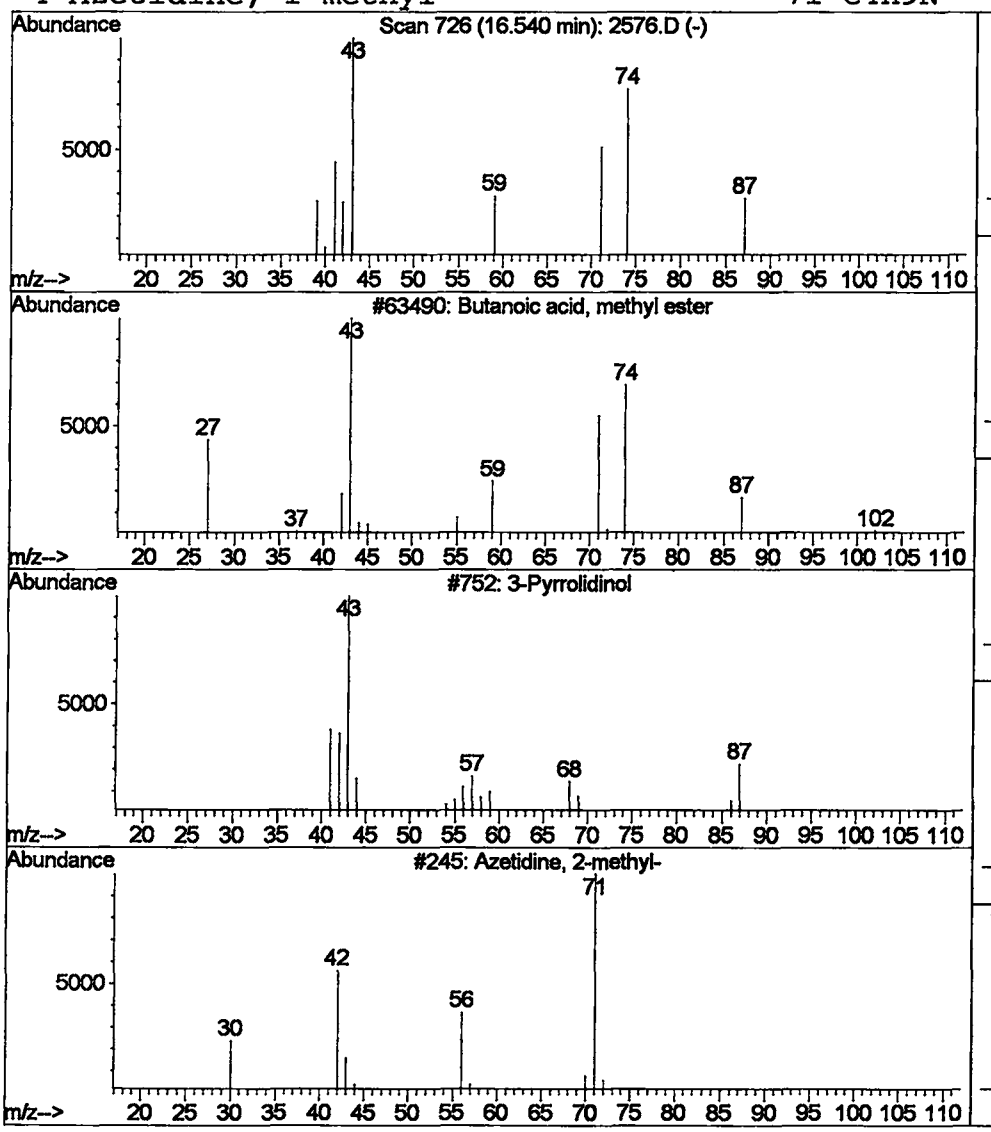
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

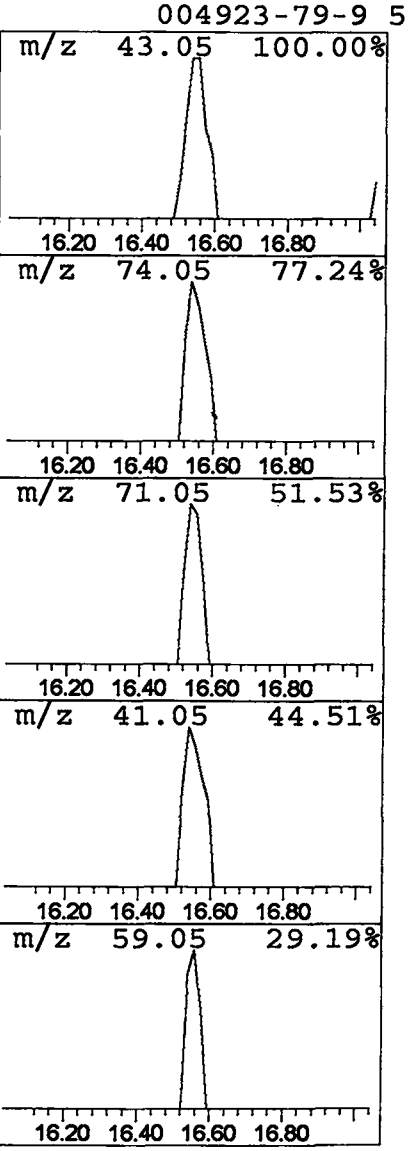
****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	47900	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	5
3	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	5
4	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5

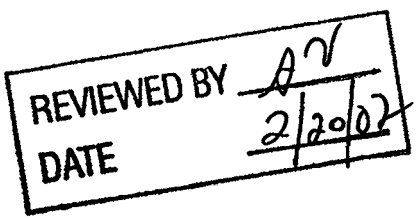




User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 14:22:58

Sample: AE02577
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/08/02 00:00 Ended: 02/08/02 00:00 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.0	0.5
2	Surr - 4-BROMOFLUOROBENZE		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 (MTB		< 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		5.2	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-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< 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-Dibromochloromethar		< 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



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 14:22:58

Sample: AE02577
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 02/08/02 00:00 Ended: 02/08/02 00:00 Analyst: BH
Result source: manual entry
Page: 2

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

Data File : C:\HPCHEM\1\DATA\02FEB08\2577.D Vial: 7
Acq On : 8 Feb 2002 10:14 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:39 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1958583	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1875216	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	828540	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.36	65	752176	5.04	ug/L	0.02
Spiked Amount 5.000			Recovery = 100.80%			
3) 4-BROMOFLUOROBENZENE	24.35	174	659476	4.48	ug/L	0.00
Spiked Amount 5.000			Recovery = 89.60%			
25) TOLUENE-D8	18.47	98	2412075	5.19	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.80%			
Target Compounds						Qvalue
12) ACETONE	8.27	43	50538	3.75	ug/L	99
14) METHYLENE CHLORIDE	9.63	49	47091	~~0.42~~	~~ug/L~~	93
18) 2-BUTANONE (MEK)	12.03	43	115506	~~3.76~~	~~ug/L~~	99
21) CHLOROFORM	12.83	83	7468	0.05	ug/L	96

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

Data File : C:\HPCHEM\1\DATA\02FEB08\2577.D
Acq On : 8 Feb 2002 10:14 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:39 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
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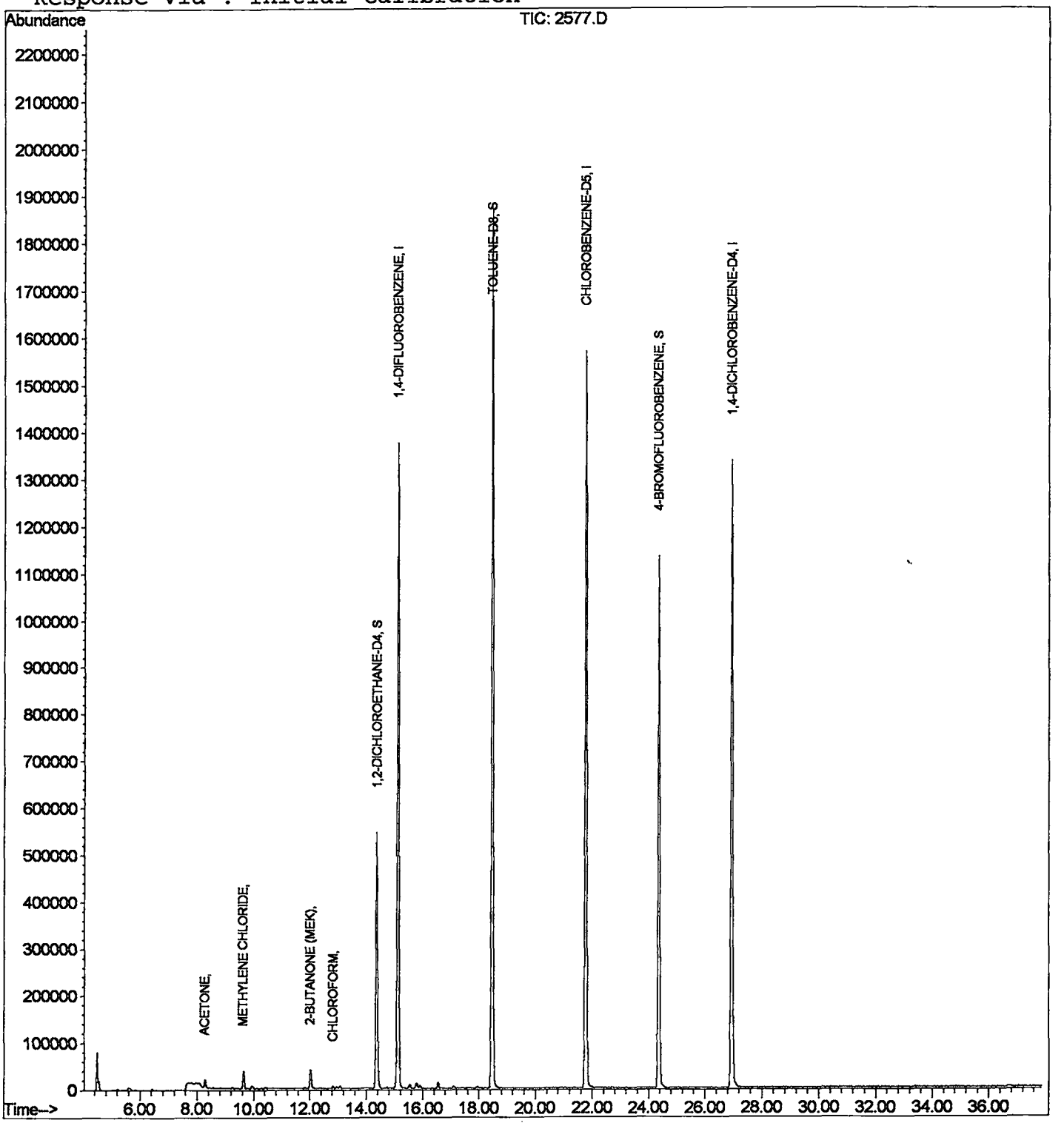

Library Search Compound Report

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Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

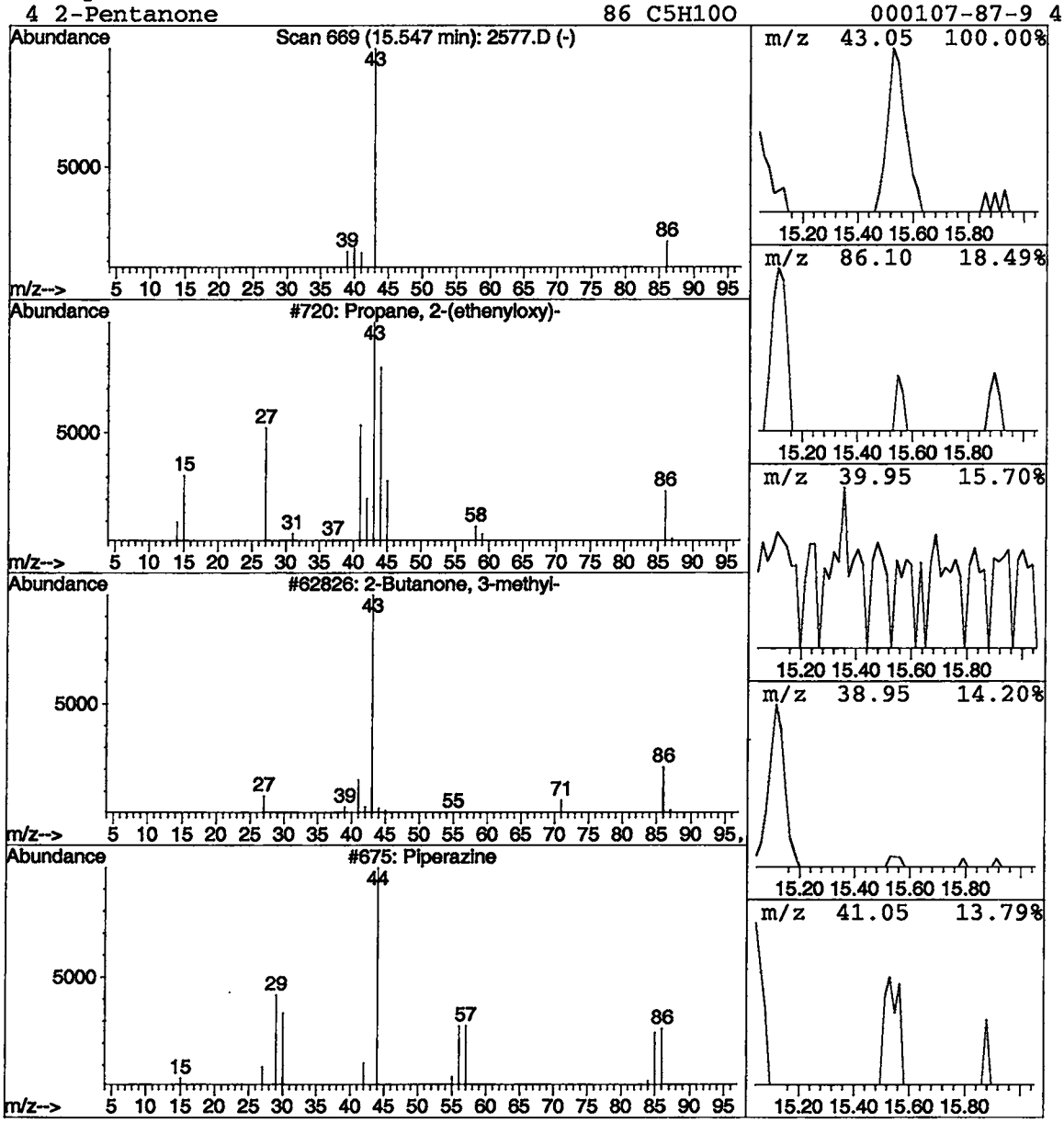
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane, 2-(ethenyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	0.04 ug/L	43825	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	9
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	5
3	Piperazine	86	C4H10N2	000110-85-0	4
4	2-Pentanone	86	C5H10O	000107-87-9	4



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Acq On : 8 Feb 2002 10:14 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

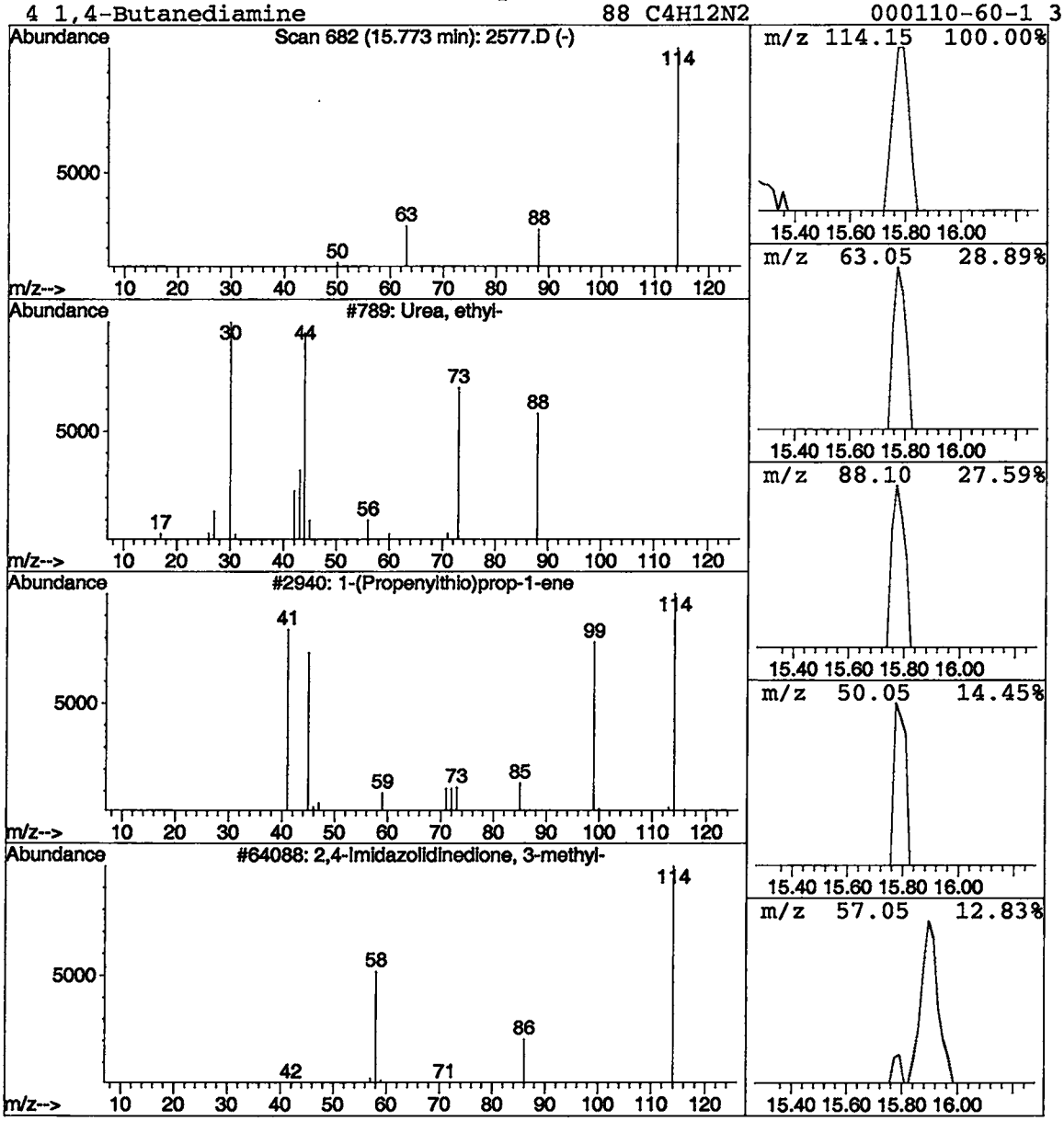
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	43570	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
3	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2577.D Vial: 7
Acq On : 8 Feb 2002 10:14 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

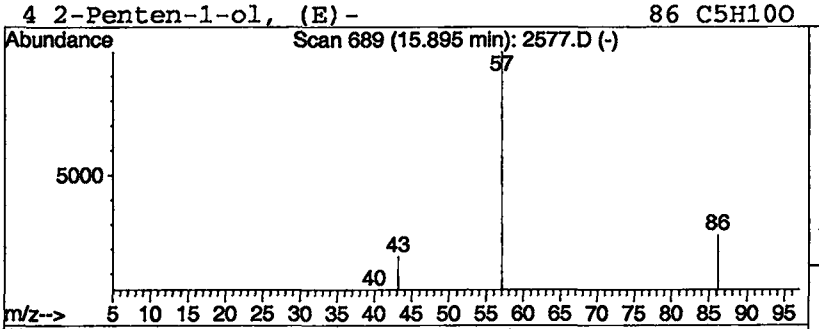
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

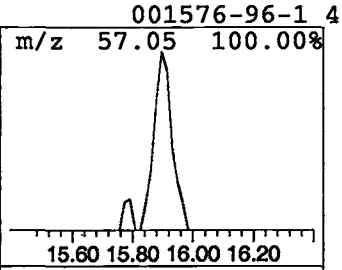
****

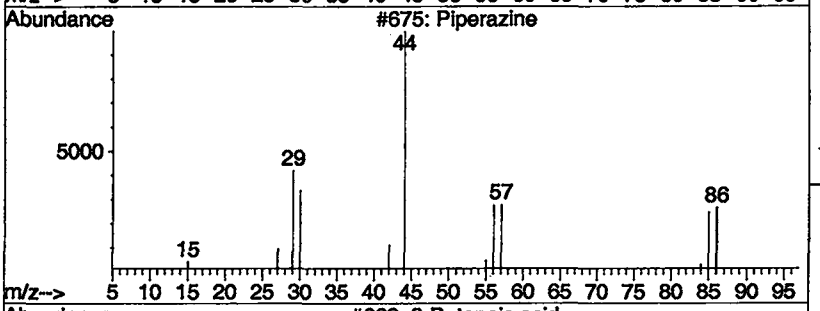
Peak Number 1 Piperazine Concentration Rank 3

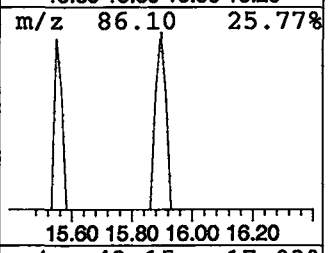
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.03 ug/L	27047	1,4-DIFLUOROBENZENE	15.11

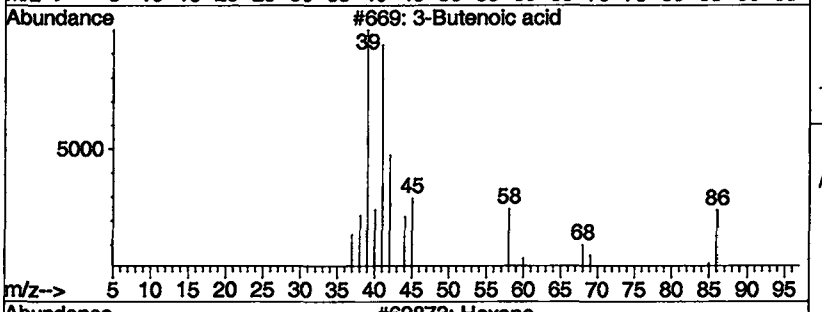
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	4
2	3-Butenoic acid	86	C4H6O2	000625-38-7	4
3	Hexane	86	C6H14	000110-54-3	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4

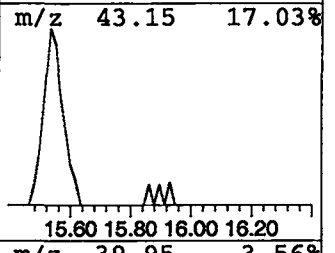


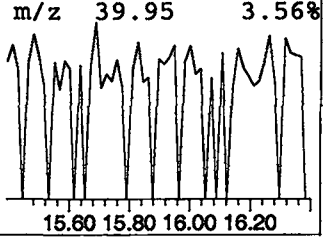


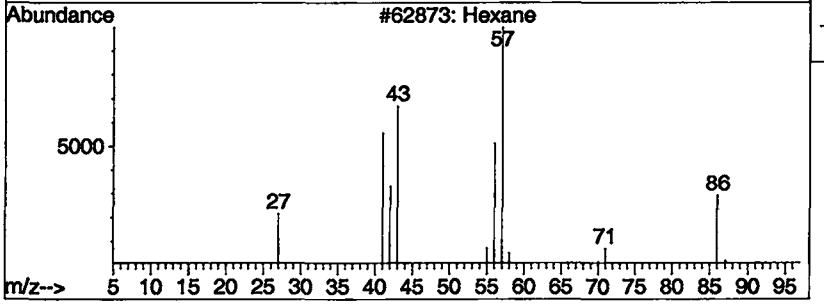












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2577.D Vial: 7
Acq On : 8 Feb 2002 10:14 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

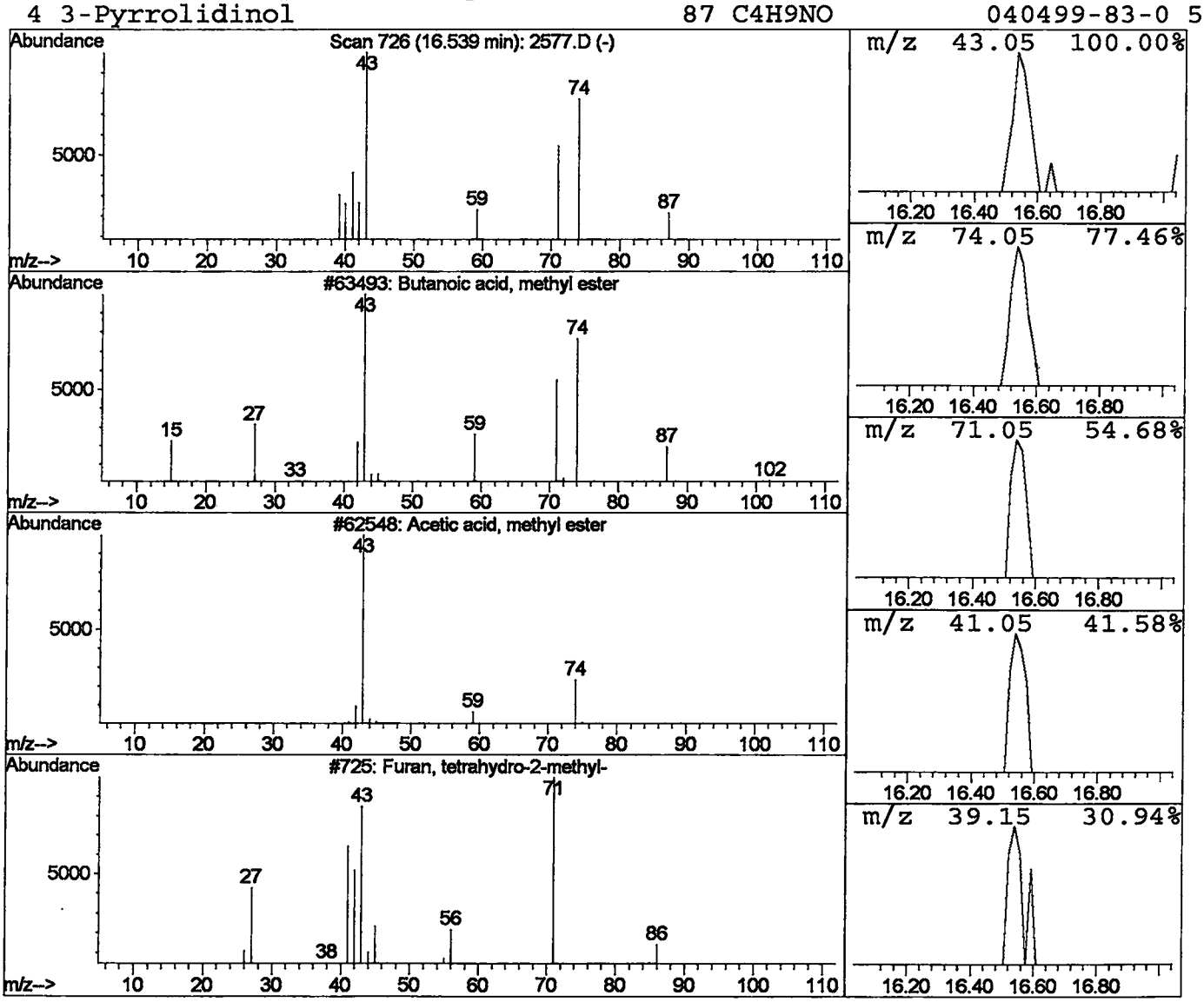
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	53137	1,4-DIFLUOROBENZENE	15.11

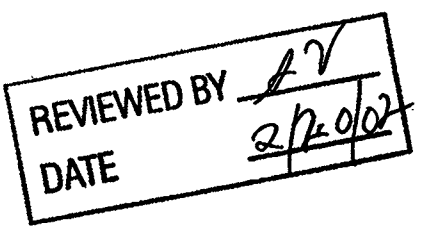
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	9
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:32:35

Sample: AE02579
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:00 Ended: 2/8/02 00:00 Analyst: BH
Result source: a:\2579.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	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: 02/13/2002 Time: 14:32:35

Sample: AE02579
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:00 Ended: 2/8/02 00:00 Analyst: BH
Result source: a:\2579.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\02FEB08\2579.D Vial: 8
Acq On : 8 Feb 2002 10:58 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:41 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1833689	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1774751	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	800837	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	711615	5.10	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.00%		
3) 4-BROMOFLUOROBENZENE	24.35	174	635085	4.61	ug/L	0.00
Spiked Amount 5.000			Recovery =	92.20%		
25) TOLUENE-D8	18.47	98	2250637	5.11	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.20%		
Target Compounds						Qvalue
12) ACETONE	8.27	43	66322	5.26	ug/L	97
14) METHYLENE CHLORIDE	9.63	49	45354	~~0.43~~	~~ug/L~~	92
15) METHYL TERT BUTYL ETHER	9.94	73	11826	0.10	ug/L	92
18) 2-BUTANONE (MEK)	12.01	43	106925	~~3.72~~	~~ug/~~L	97
21) CHLOROFORM	12.83	83	10903	0.08	ug/L	94

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

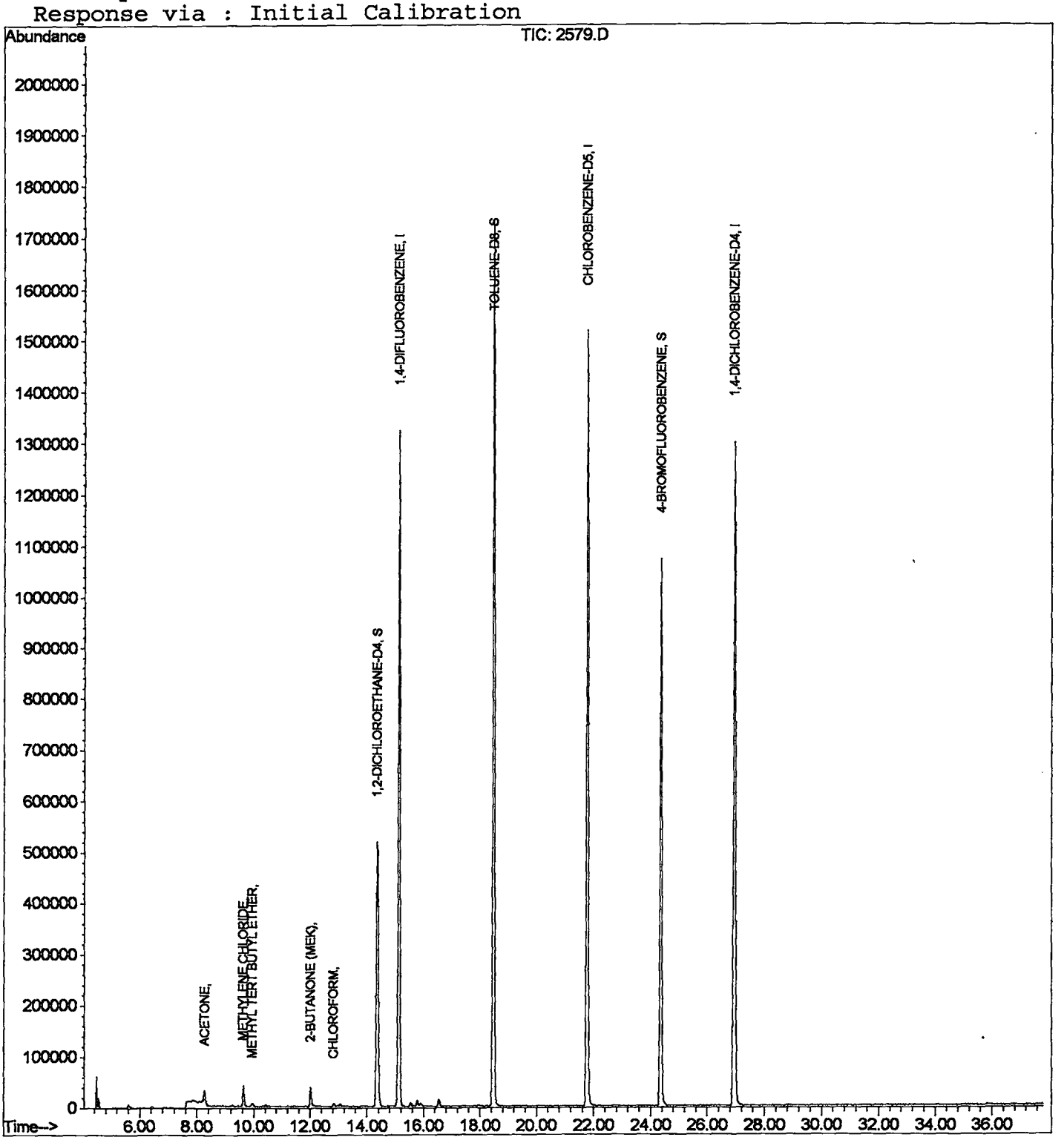
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2579.D
Acq On : 8 Feb 2002 10:58 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:41 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2579.D Vial: 8
Acq On : 8 Feb 2002 10:58 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

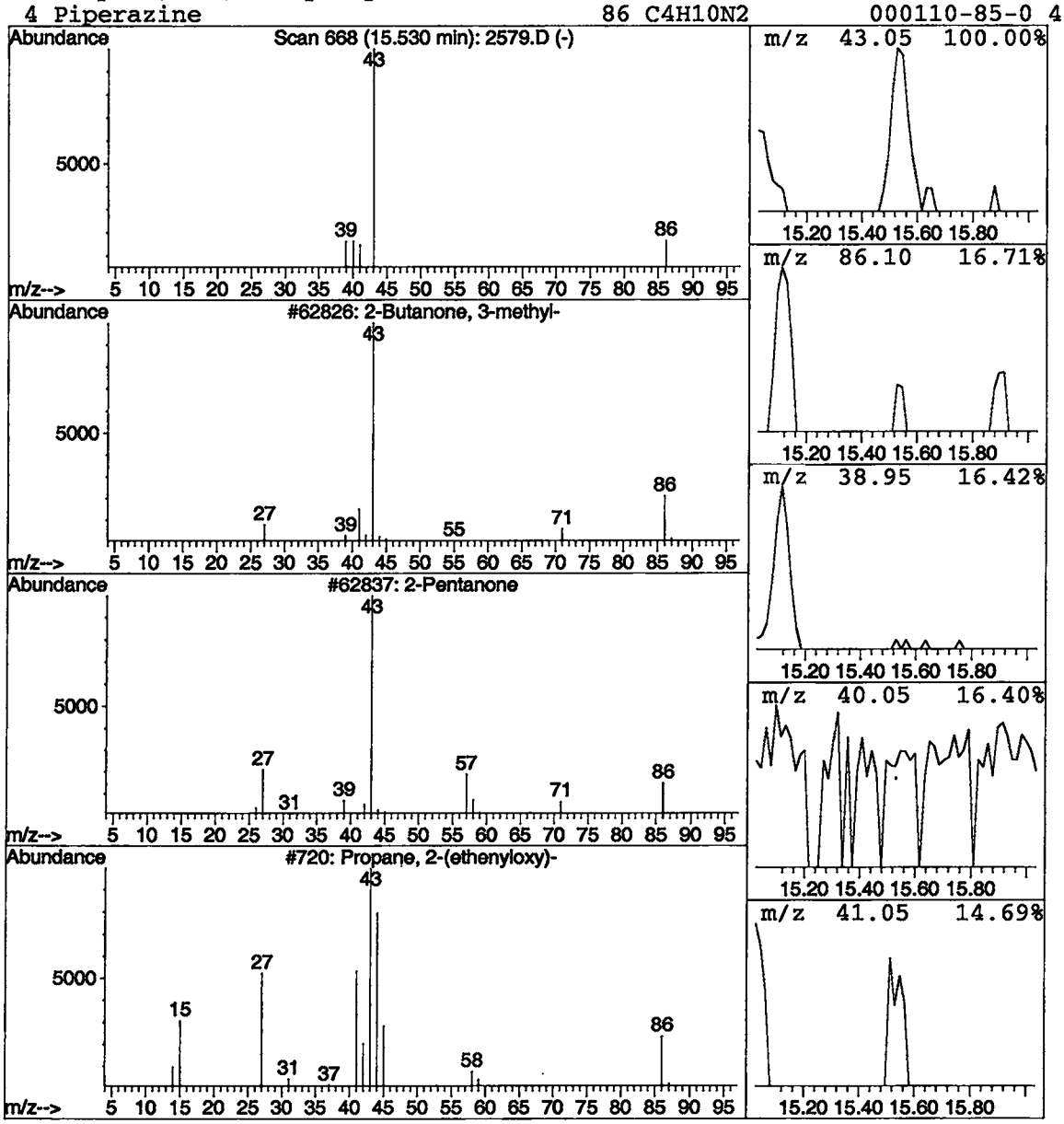
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	35696	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	5
2	2-Pentanone	86	C5H10O	000107-87-9	4
3	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	4
4	Piperazine	86	C4H10N2	000110-85-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2579.D Vial: 8
Acq On : 8 Feb 2002 10:58 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

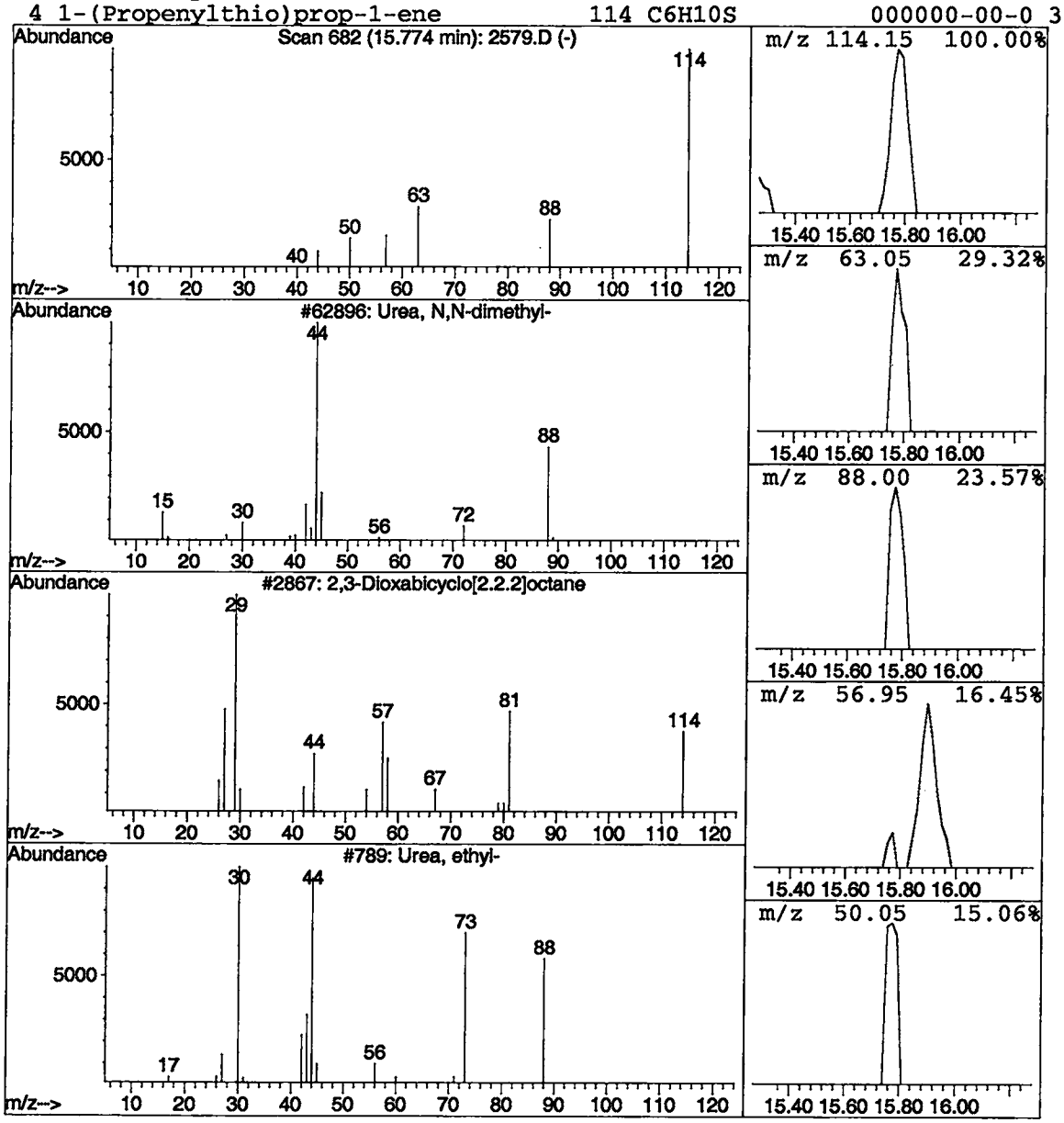
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	44413	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2579.D Vial: 8
Acq On : 8 Feb 2002 10:58 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

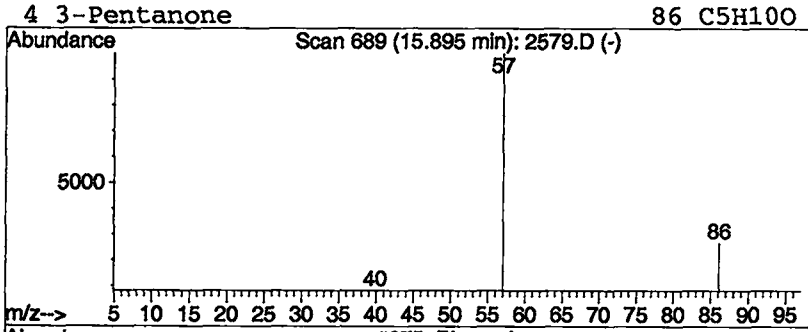
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

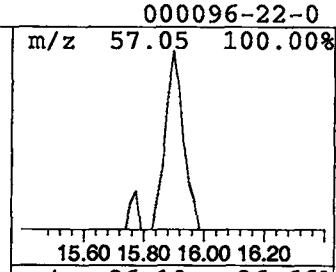
****

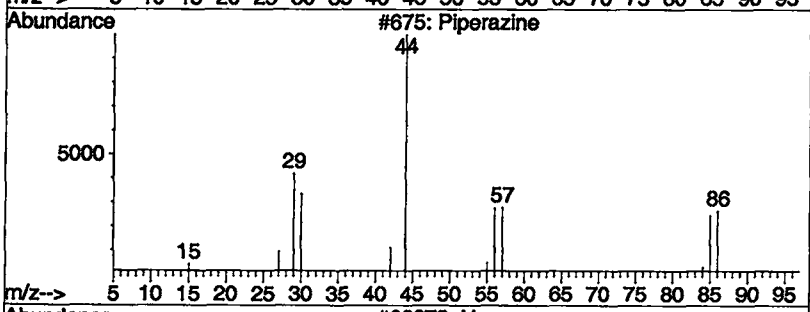
Peak Number 1 Piperazine Concentration Rank 3

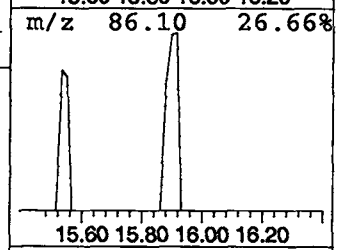
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.02 ug/L	22730	1,4-DIFLUOROBENZENE	15.11

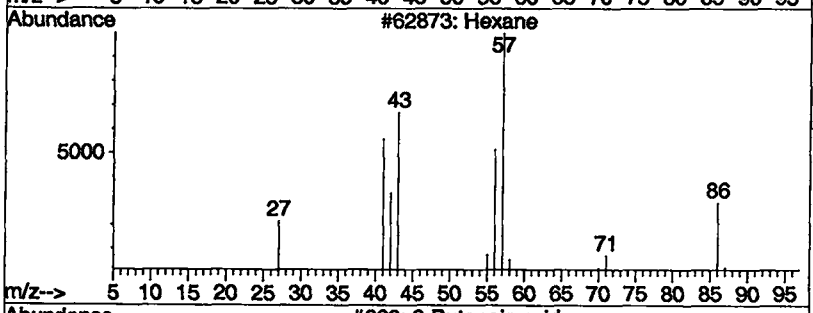
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	4
2	Hexane	86	C6H14	000110-54-3	4
3	3-Butenoic acid	86	C4H6O2	000625-38-7	4
4	3-Pentanone	86	C5H10O	000096-22-0	4

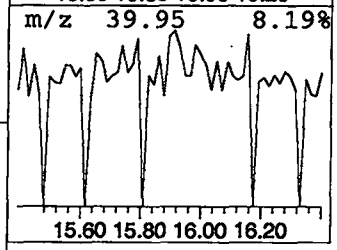


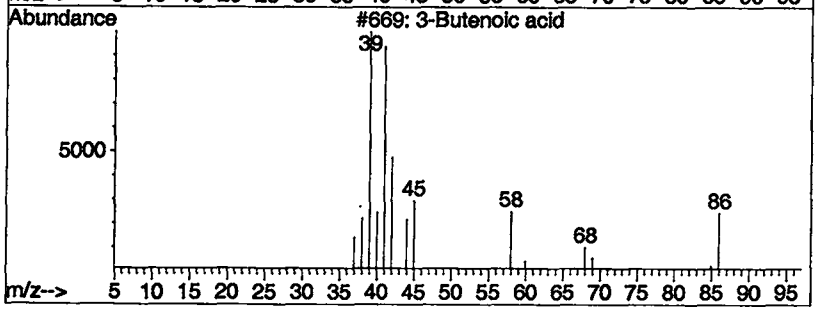












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2579.D
Acq On : 8 Feb 2002 10:58 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P

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

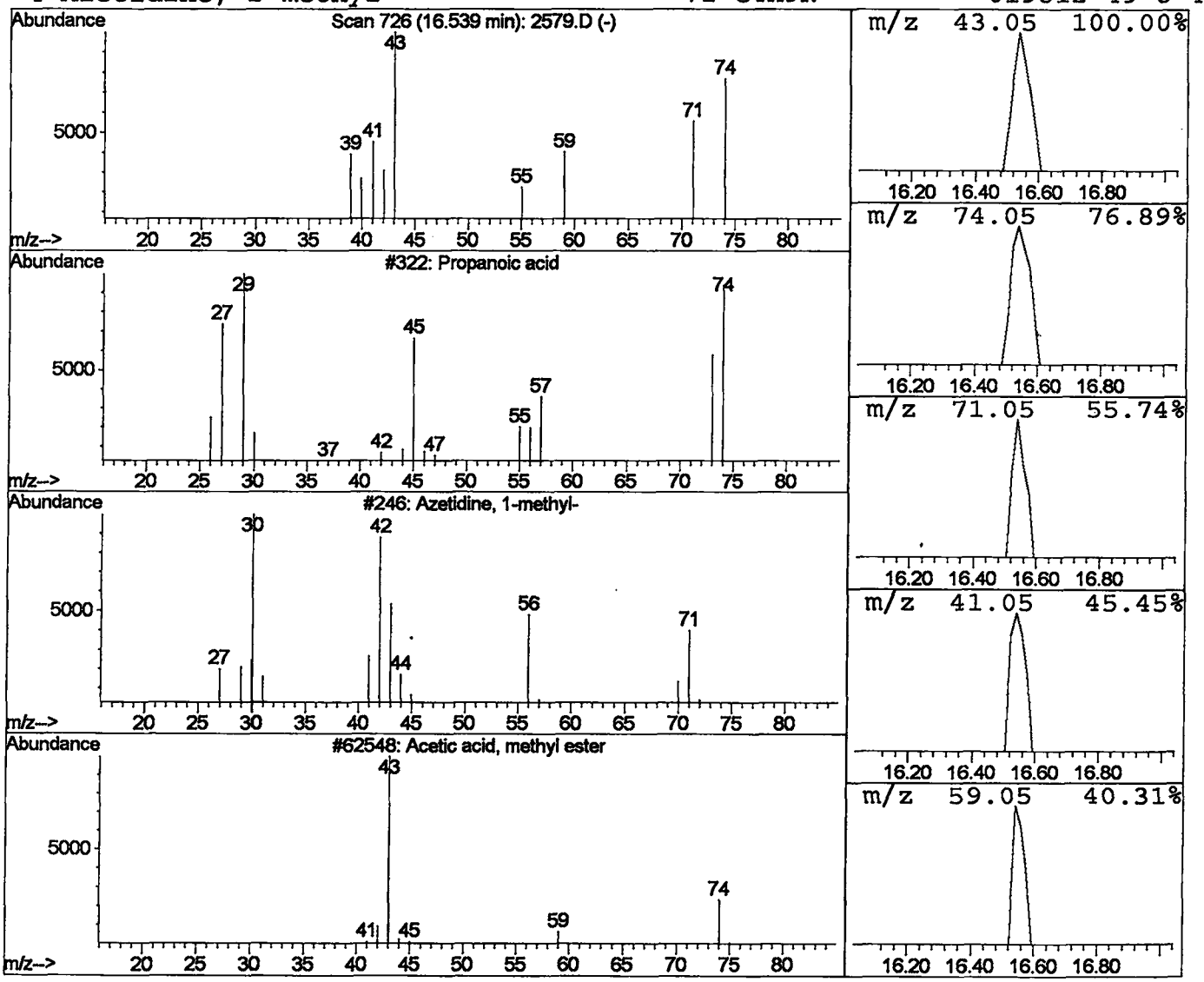
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Propanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	48481	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid	74	C3H6O2	000079-09-4	5
2	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5
3	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	4
4	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:33:15

Sample: AE02580
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:01 Ended: 2/8/02 00:01 Analyst: BH
Result source: a:\2580.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	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		5.2	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 2/20/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:33:15

Sample: AE02580
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/8/02 00:01 Ended: 2/8/02 00:01 Analyst: BH
Result source: a:\2580.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\02FEB08\2580.D Vial: 9
Acq On : 8 Feb 2002 11:41 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:42 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1963397	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1886061	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.95	152	836358	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	769174	5.15	ug/L	0.00
Spiked Amount 5.000			Recovery	= 103.00%		
3) 4-BROMOFLUOROBENZENE	24.36	174	664983	4.51	ug/L	0.00
Spiked Amount 5.000			Recovery	= 90.20%		
25) TOLUENE-D8	18.47	98	2412999	5.16	ug/L	0.00
Spiked Amount 5.000			Recovery	= 103.20%		
Target Compounds						Qvalue
12) ACETONE	8.27	43	103903	7.70	ug/L	95
14) METHYLENE CHLORIDE	9.63	49	45830	~~0.41 ug/L~~		96
15) METHYL TERT BUTYL ETHER	9.94	73	19957	0.16	ug/L	94
18) 2-BUTANONE (MEK)	12.01	43	114490	~~3.72 ug/L~~		100
21) CHLOROFORM	12.83	83	8267	0.06	ug/L	93

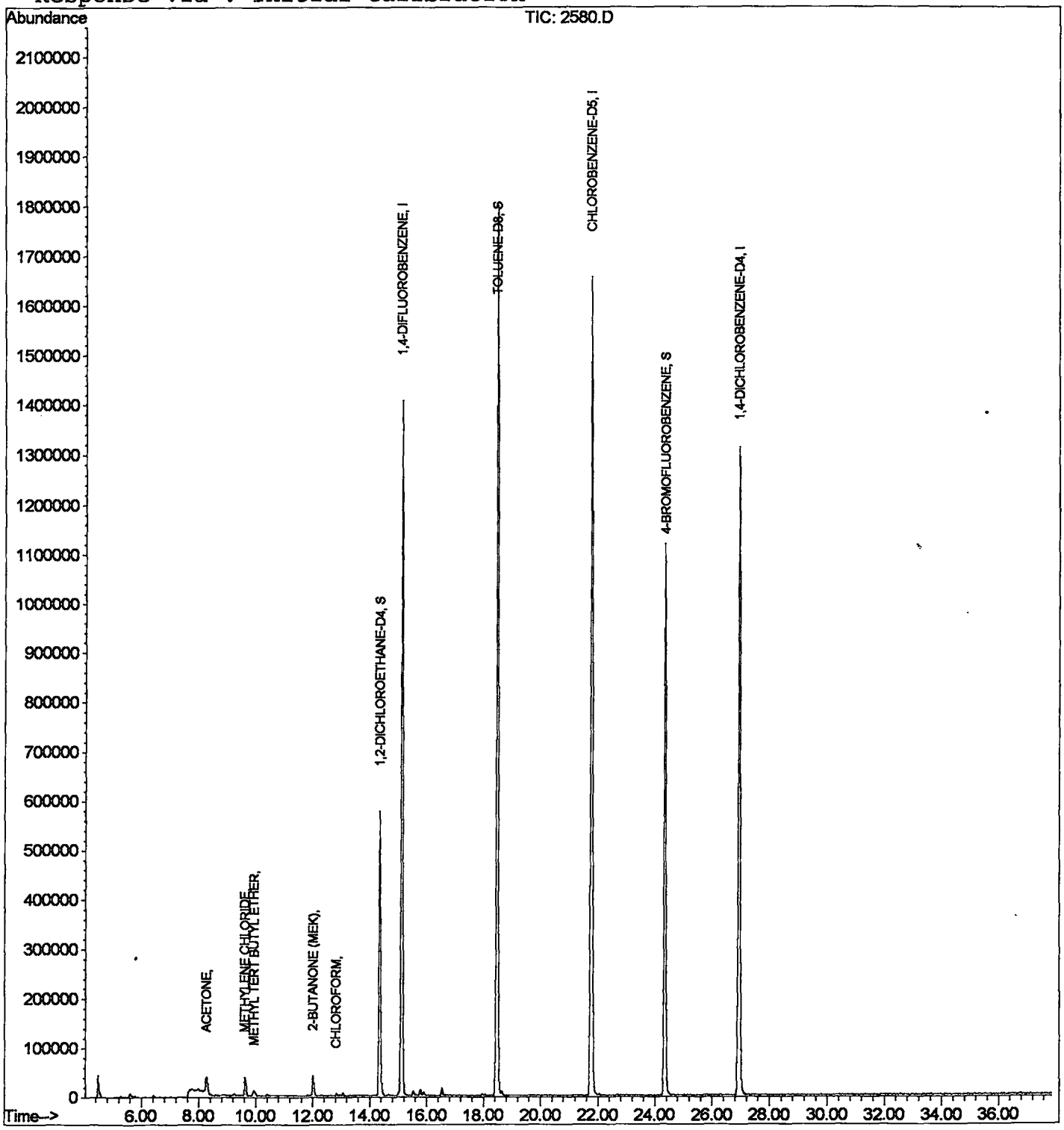
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2580.D
Acq On : 8 Feb 2002 11:41 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:42 2002

Vial: 9
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2580.D Vial: 9
Acq On : 8 Feb 2002 11:41 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

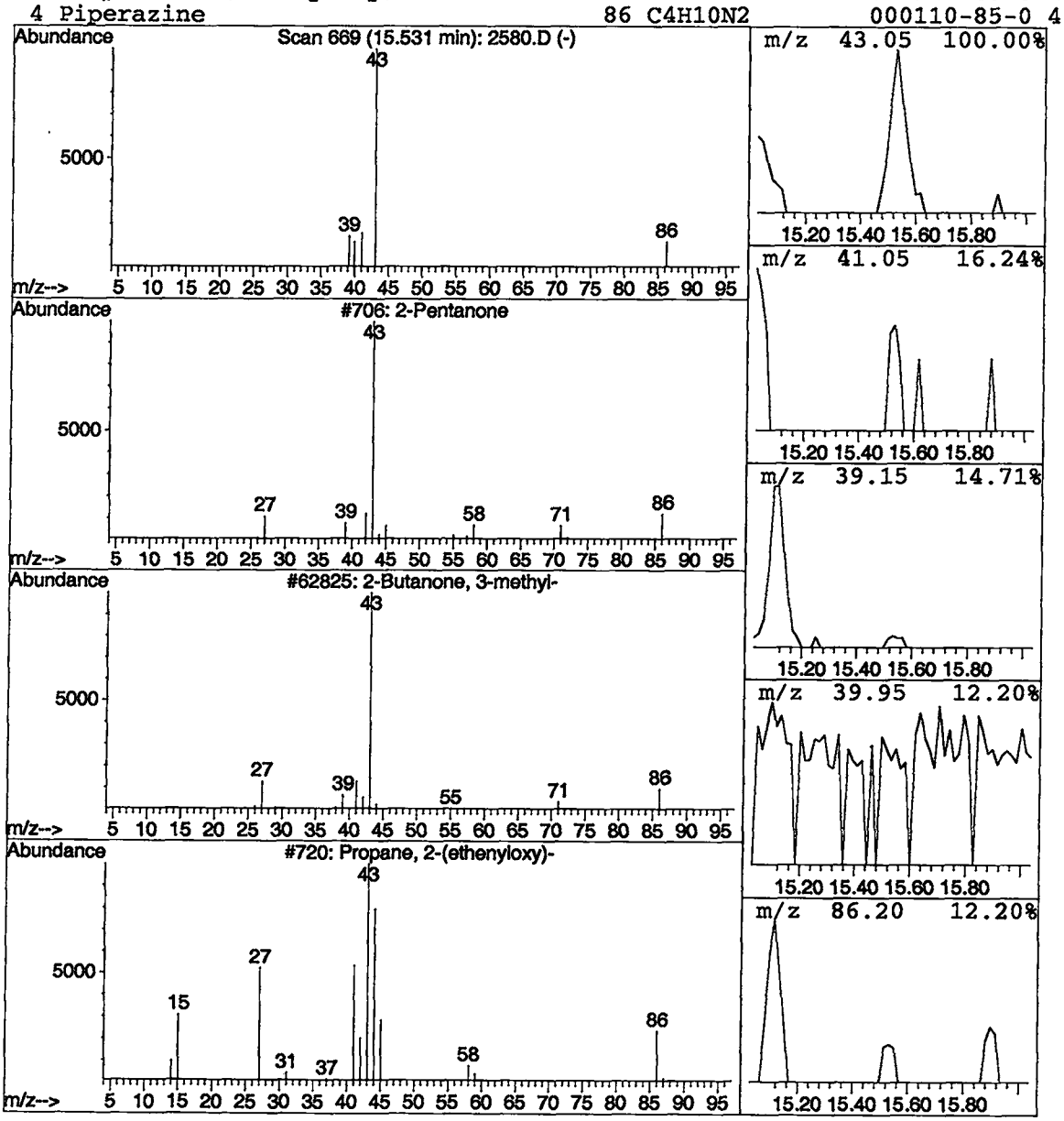
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	39006	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	4
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4
3	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	4
4	Piperazine	86	C4H10N2	000110-85-0	4



Data File : C:\HPCHEM\1\DATA\02feb08\2580.D
Acq On : 8 Feb 2002 11:41 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P

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

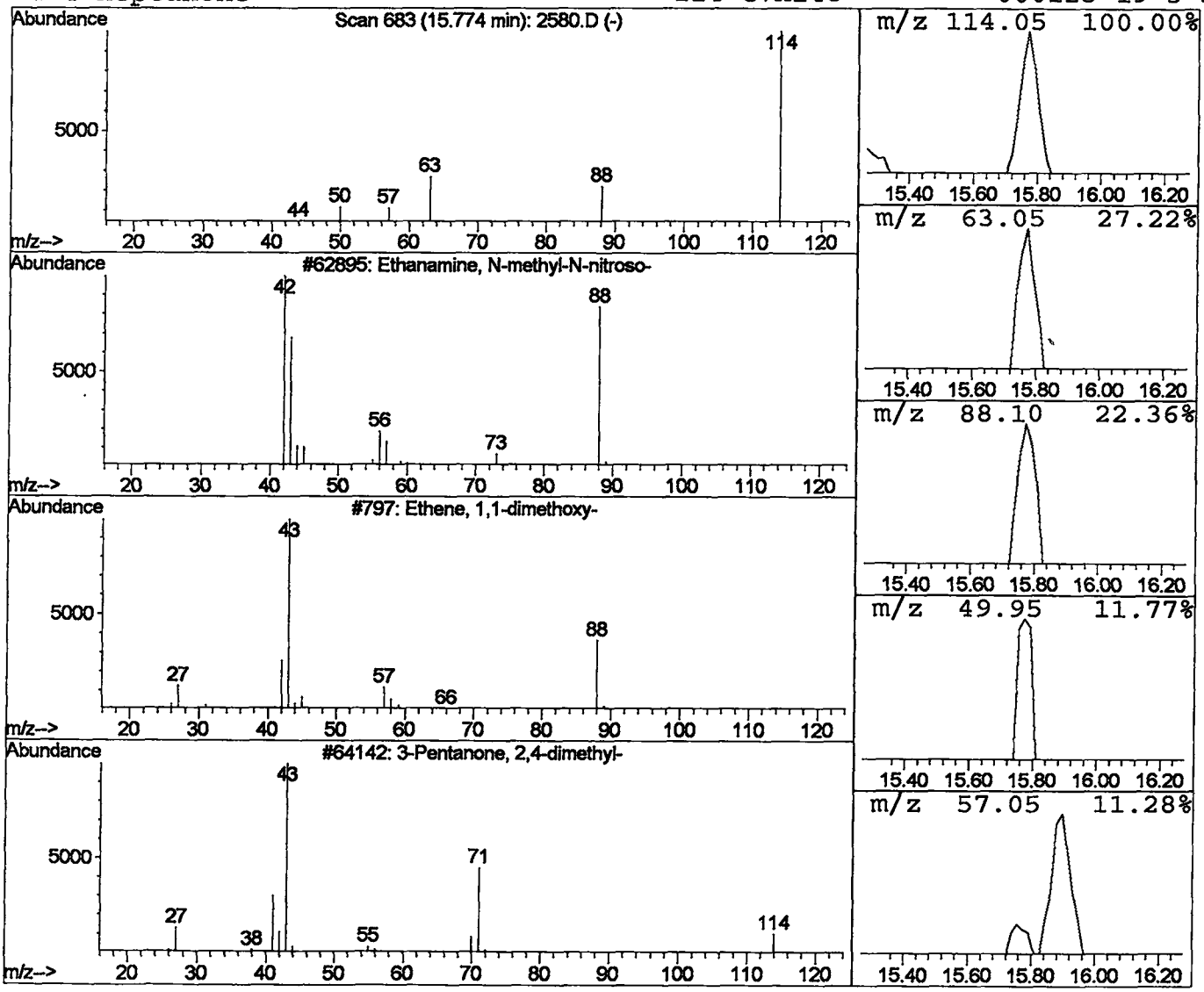
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Ethanamine, N-methyl-N-nitroso Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.04 ug/L	40944	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
2	Ethene, 1,1-dimethoxy-	88	C4H8O2	000922-69-0	3
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2580.D Vial: 9
Acq On : 8 Feb 2002 11:41 pm Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

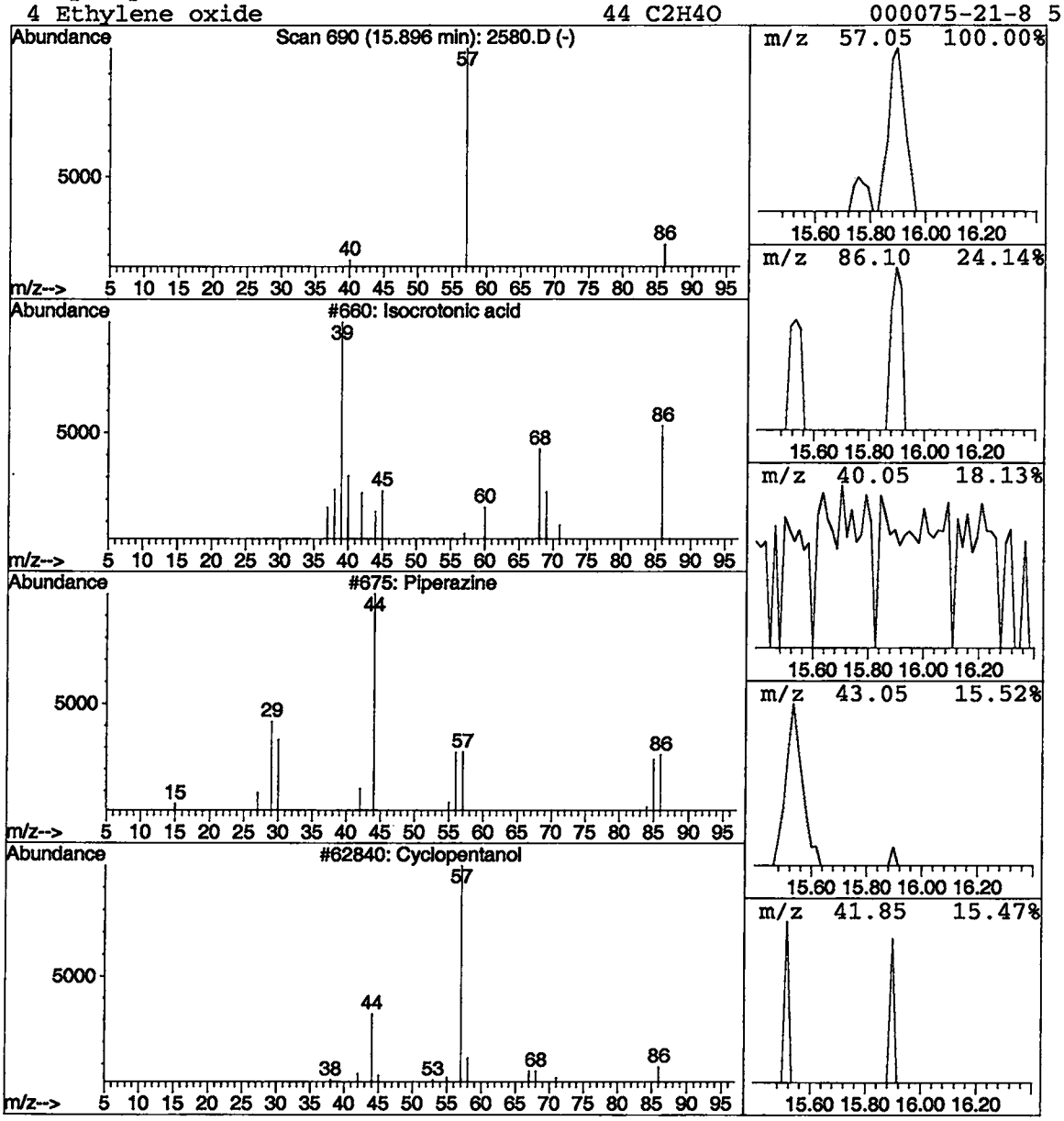
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Isocrotonic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	0.03 ug/L	27014	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isocrotonic acid	86	C4H6O2	000503-64-0	7
2	Piperazine	86	C4H10N2	000110-85-0	7
3	Cyclopentanol	86	C5H10O	000096-41-3	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2580.D
Acq On : 8 Feb 2002 11:41 pm
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P

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

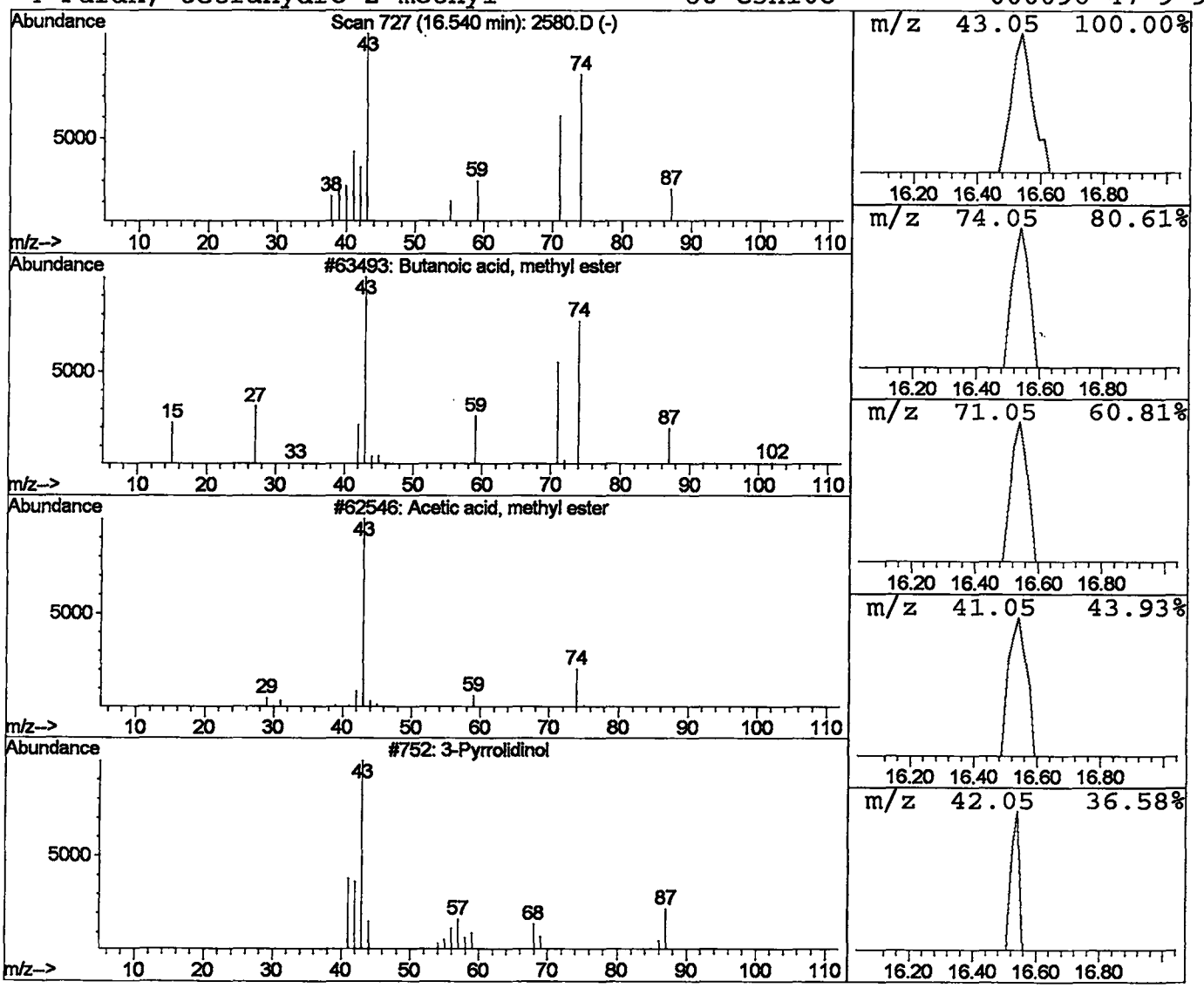
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	52843	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	42
2	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:33:47

Sample: AE02581
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/9/02 00:02 Ended: 2/9/02 00:02 Analyst: BH
Result source: a:\2581.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4	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		5.2	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 2/20/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:33:47

Sample: AE02581
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/9/02 00:02 Ended: 2/9/02 00:02 Analyst: BH
Result source: a:\2581.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

Comments for Sample AE02581 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-20-2002 Time: 17:27:19

The field blank associated with this sample contained 1.6 ug/L of chloroform.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB08\2581.D Vial: 10
Acq On : 9 Feb 2002 12:24 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:42 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1922477	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1833752	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	800920	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	760982	5.20	ug/L	0.00
Spiked Amount 5.000			Recovery	= 104.00%		
3) 4-BROMOFLUOROBENZENE	24.34	174	637701	4.41	ug/L	-0.02
Spiked Amount 5.000			Recovery	= 88.20%		
25) TOLUENE-D8	18.46	98	2342290	5.15	ug/L	-0.02
Spiked Amount 5.000			Recovery	= 103.00%		
Target Compounds						Qvalue
12) ACETONE	8.27	43	75580	5.72	ug/L	95
14) METHYLENE CHLORIDE	9.61	49	48022	0.43	ug/L	99
15) METHYL TERT BUTYL ETHER	9.93	73	15462	0.13	ug/L	93
18) 2-BUTANONE (MEK)	12.02	43	115782	~~3.84 ug/L~~		99
21) CHLOROFORM	12.82	83	8189	0.06	ug/L	96
66) 1,4-DICHLOROBENZENE	27.00	146	8514	0.07	ug/L	91

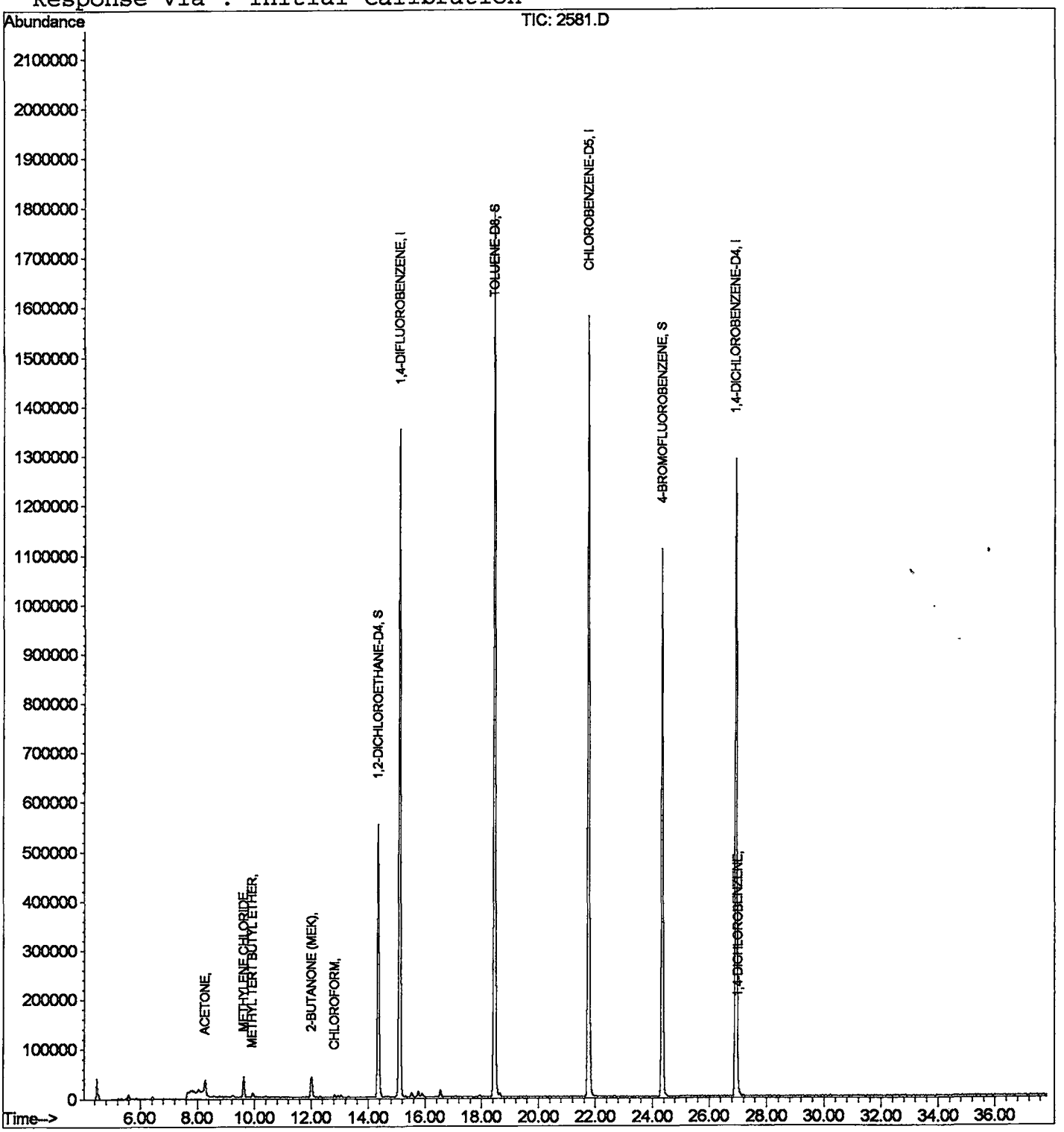
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\02FEB08\2581.D
Acq On : 9 Feb 2002 12:24 am
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:42 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02feb08\2581.D Vial: 10
Acq On : 9 Feb 2002 12:24 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

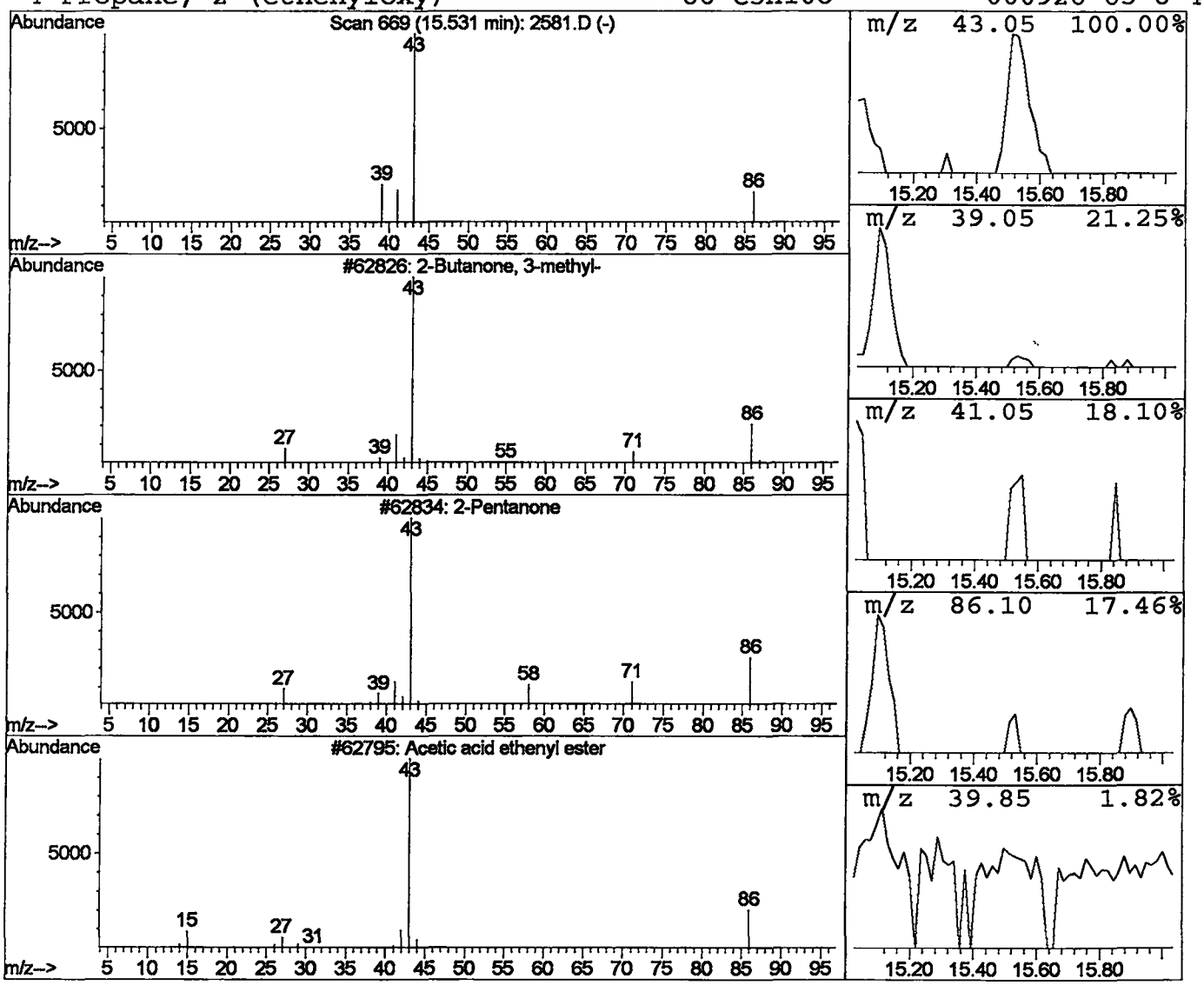
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.04 ug/L	40026	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	5
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\02feb08\2581.D
Acq On : 9 Feb 2002 12:24 am
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P

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

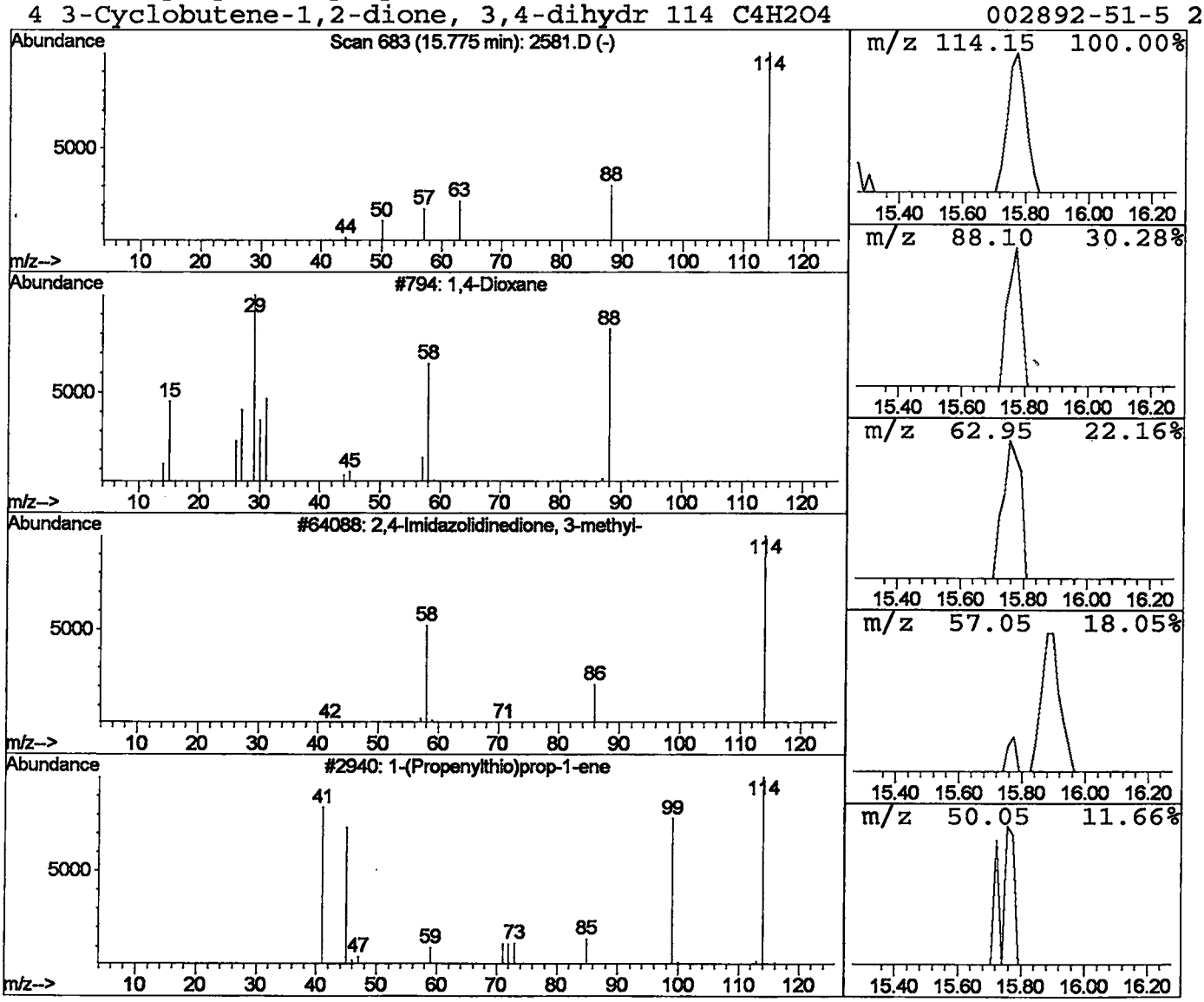
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,4-Dioxane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	0.05 ug/L	49015	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	3
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	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2581.D Vial: 10
Acq On : 9 Feb 2002 12:24 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

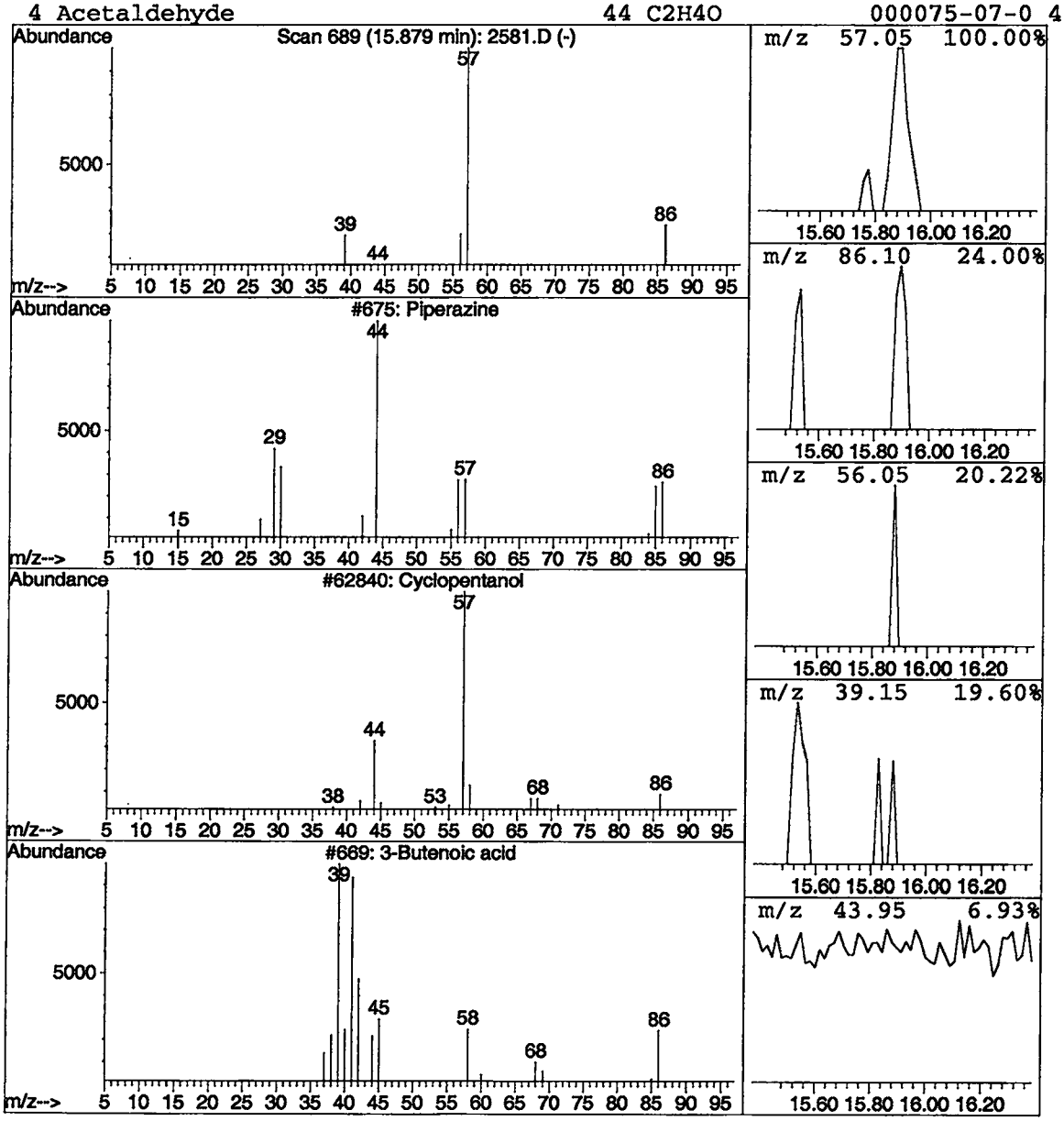
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	27887	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	7
2	Cyclopentanol	86	C5H10O	000096-41-3	5
3	3-Butenoic acid	86	C4H6O2	000625-38-7	4
4	Acetaldehyde	44	C2H4O	000075-07-0	4



Data File : C:\HPCHEM\1\DATA\02feb08\2581.D Vial: 10
Acq On : 9 Feb 2002 12:24 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

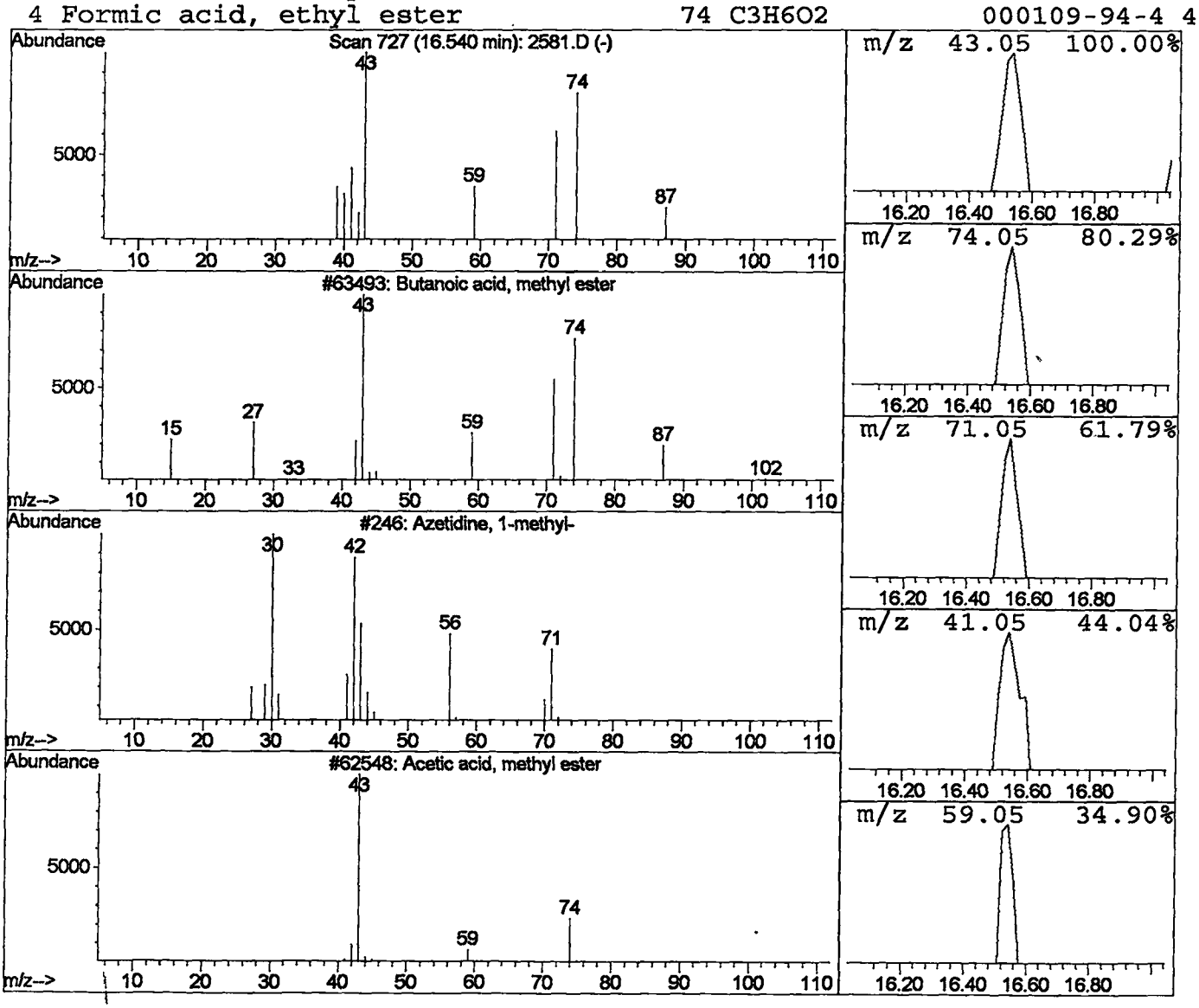
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	0.05 ug/L	55312	1,4-DIFLUOROBENZENE	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5
3	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	4
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:40:41

Sample: AE02575
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 2/9/02 00:01 Ended: 2/9/02 00:01 Analyst: BH
Result source: a:\0208c10d.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.2	.5
2	Surr_4-BROMOFLUOROBENZE		4.9	.5
3	Dichlorodifluoromethane		11	.5
4	Chloromethane		11	.5
5	Vinyl chloride		12	.5
6	Bromomethane		11	.5
7	Chloroethane		10	.5
8	Trichlorofluoromethane		10	.5
9	1,1-Dichloroethene		10	.5
10	Methylene Chloride		10	.5
11	Methyl tert-butyl ether (MTBE)		8.6	1.0
12	trans-1,2-dichloroethene		9.7	.5
13	1,1-dichloroethane		9.8	.5
14	2-butanone (MEK)		11	2.0
15	2,2-dichloropropane		8.2	.5
16	cis-1,2-dichloroethene		9.7	.5
17	Chloroform		10	.5
18	Bromochloromethane		10	.5
19	1,2-dichloroethane		10	.5
20	Surr_TOLUENE-D8		5.0	.5
21	1,1,1- trichloroethane		9.7	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		9.7	.5
24	Benzene		9.9	.5
25	Trichloroethene		10	.5
26	1,2-dichloropropane		10	.5
27	Dibromomethane		9.8	.5
28	Bromodichloromethane		10	.5
29	Methyl iso-butyl ketone		10	1.0
30	cis-1,3-dichloropropene		10	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		9.7	.5
33	1,1,2-trichloroethane		10	.5
34	Tetrachloroethene		9.9	.5
35	1,3-dichloropropane		10	.5
36	Dibromochloromethane		10	2.0
37	Chlorobenzene		10	.5
38	1,1,1,2-tetrachloroethane		10	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		21	.5
41	O-xylene		10	.5
42	Styrene		10	.5
43	1,1,2,2-tetrachloroethane		10	.5
44	Bromoform		10	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		11	.5
48	Bromobenzene		11	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:40:41

Sample: AE02575
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 2/9/02 00:01 Ended: 2/9/02 00:01 Analyst: BH
Result source: a:\0208c10d.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		11	.5
51	4-chlorotoluene		11	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		11	.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		9.7	.5
63	1,2,3-trichlorobenzene		10	.5
64	Nitrobenzene		160	5.0

Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10D.D Vial: 11
Acq On : 9 Feb 2002 1:08 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:21 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.11	114	1851542	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	1839799	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.93	152	843848	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	735529	5.22	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.40%		
3) 4-BROMOFLUOROBENZENE	24.34	174	681596	4.90	ug/L	-0.02
Spiked Amount 5.000			Recovery =	98.00%		
25) TOLUENE-D8	18.45	98	2291796	5.02	ug/L	-0.02
Spiked Amount 5.000			Recovery =	100.40%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.87	85	784216	11.17	ug/L	100
5) CHLOROMETHANE	5.47	50	611729	10.85	ug/L	99
6) VINYL CHLORIDE	5.59	62	273752	12.42	ug/L	100
7) BROMOMETHANE	6.58	94	370463	11.22	ug/L	98
8) CHLOROETHANE	6.73	64	326273	10.24	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.29	101	660406	10.48	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	8.18	101	391286	8.30	ug/L	96
12) ACETONE	8.25	43	125282	9.84	ug/L	98
13) 1,1-DICHLOROETHENE	8.62	61	900383	10.13	ug/L	99
14) METHYLENE CHLORIDE	9.61	49	1092180	10.25	ug/L	95
15) METHYL TERT BUTYL ETHER	9.93	73	1019536	8.63	ug/L	96
16) TRANS-1,2-DICHLOROETHENE	10.27	61	1099760	9.67	ug/L	94
17) 1,1-DICHLOROETHANE	11.18	63	1323142	9.84	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	323113	11.14	ug/L	98
19) 2,2-DICHLOROPROPANE	12.40	77	881414	8.17	ug/L	99
20) CIS-1,2-DICHLOROETHENE	12.48	96	747499	9.74	ug/L	97
21) CHLOROFORM	12.81	83	1355186	10.03	ug/L	99
22) BROMOCHLOROMETHANE	13.20	49	643854	10.02	ug/L	95
23) 1,2-DICHLOROETHANE	14.54	62	912977	10.04	ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.72	97	998450	9.73	ug/L	98
27) 1,1-DICHLOROPROPENE	14.03	75	1037844	10.14	ug/L	100
28) CARBON TETRACHLORIDE	14.29	117	806958	9.67	ug/L	100
29) BENZENE	14.64	78	2623544	9.87	ug/L	100
30) TRICHLOROETHENE	15.91	95	810149	10.20	ug/L	99
31) 1,2-DICHLOROPROPANE	16.26	63	778216	10.36	ug/L	99
32) DIBROMOMETHANE	16.94	174	350480	9.83	ug/L	98
33) BROMODICHLOROMETHANE	16.78	83	979748	10.19	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.27	63	289850	10.44	ug/L	95

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

Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10D.D Vial: 11
Acq On : 9 Feb 2002 1:08 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:21 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

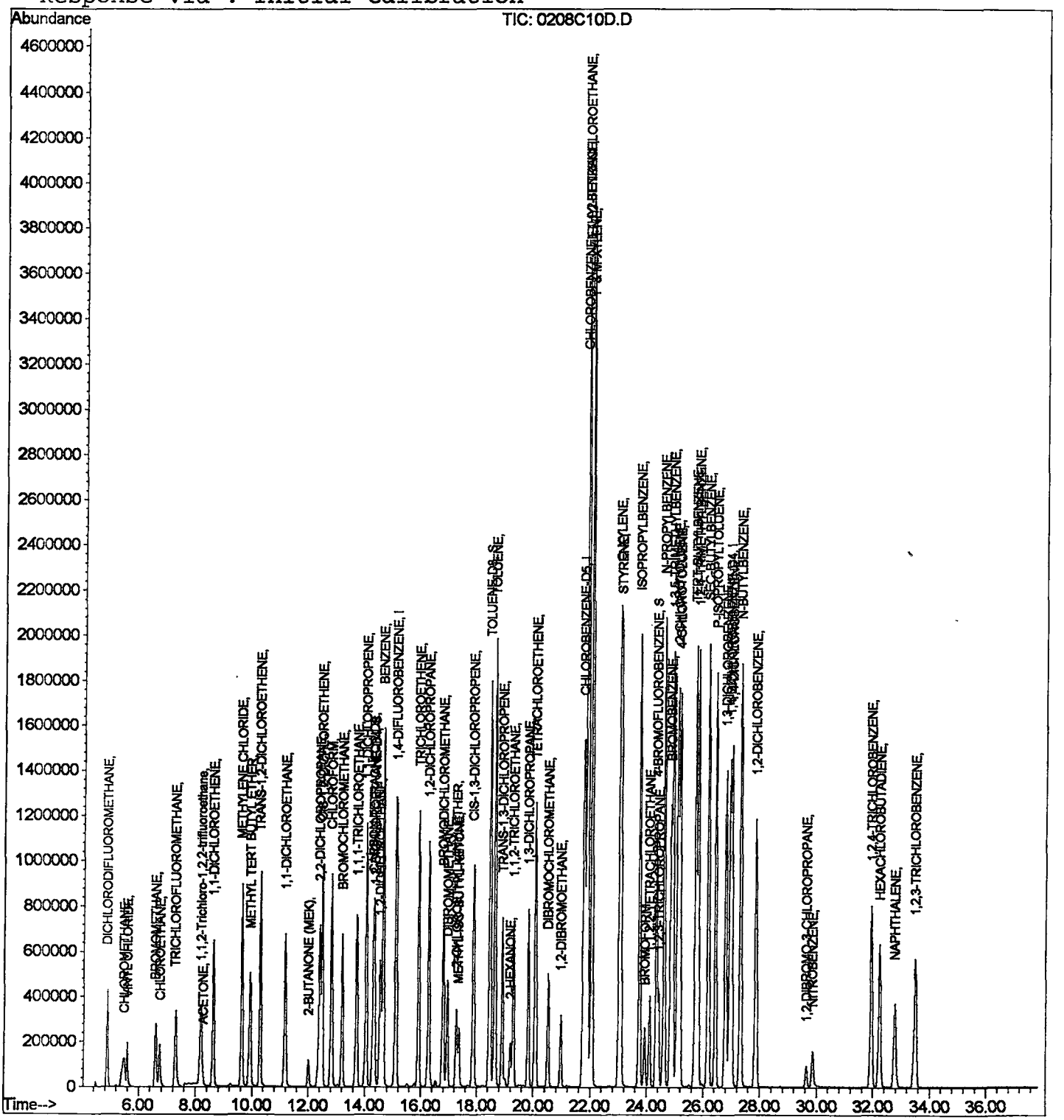
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.34	58	143012	10.40 ug/L	93
36)	CIS-1,3-DICHLOROPROPENE	17.86	75	1061960	10.02 ug/L	97
37)	TOLUENE	18.63	91	2826212	10.17 ug/L	100
38)	TRANS-1,3-DICHLOROPROPENE	18.91	75	756530	9.74 ug/L	98
39)	1,1,2-TRICHLOROETHANE	19.29	97	459624	10.21 ug/L	98
40)	TETRACHLOROETHENE	20.07	166	749790	9.91 ug/L	97
41)	1,3-DICHLOROPROPANE	19.81	76	907201	10.29 ug/L	98
42)	DIBROMOCHLOROMETHANE	20.51	129	540723	9.99 ug/L	100
43)	1,2-DIBROMOETHANE	20.96	107	485697	9.96 ug/L	97
44)	CHLOROBENZENE	21.85	112	1837669	10.37 ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.88	131	611229	10.29 ug/L	99
46)	2-HEXANONE	19.19	43	276142	10.00 ug/L	96
47)	ETHYLBENZENE	21.88	91	3340734	10.44 ug/L	98
48)	P & M-XYLENE	22.04	106	2251337	20.62 ug/L	96
49)	O-XYLENE	23.01	91	2633475	10.35 ug/L	96
50)	STYRENE	23.07	104	1872712	10.17 ug/L	98
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	510142	10.25 ug/L	97
53)	BROMOFORM	23.94	173	269157	10.24 ug/L	97
54)	ISOPROPYLBENZENE	23.73	105	2969408	10.86 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.42	110	138982	10.33 ug/L	93
56)	N-PROPYLBENZENE	24.60	91	3821363	10.61 ug/L	99
57)	BROMOBENZENE	24.84	156	727781	10.61 ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.91	105	2503710	10.71 ug/L	100
59)	2-CHLOROTOLUENE	25.09	91	2458486	10.57 ug/L	99
60)	4-CHLOROTOLUENE	25.16	91	2205681	10.61 ug/L	97
61)	TERT-BUTYLBENZENE	25.71	119	2256241	10.72 ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.80	105	2604161	10.63 ug/L	98
63)	SEC-BUTYLBENZENE	26.16	105	3188111	10.63 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.43	119	2385556	10.48 ug/L	99
65)	1,3-DICHLOROBENZENE	26.79	146	1349361	10.46 ug/L	95
66)	1,4-DICHLOROBENZENE	27.00	146	1346885	10.23 ug/L	98
67)	N-BUTYLBENZENE	27.31	91	2537789	10.35 ug/L	99
68)	1,2-DICHLOROBENZENE	27.85	146	1162628	10.44 ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.63	157	61593	10.09 ug/L	95
70)	1,2,4-TRICHLOROBENZENE	31.93	180	720933	10.10 ug/L	97
71)	HEXACHLOROBUTADIENE	32.24	225	344447	9.91 ug/L	96
72)	NAPHTHALENE	32.78	128	928343	9.69 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.47	180	579398	10.14 ug/L	96
74)	NITROBENZENE	29.85	77	214300	163.75 ug/L	97

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\0208C10D.D Vial: 11
Acq On : 9 Feb 2002 1:08 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 16:21 2002 Quant Results File: HP021102.RES

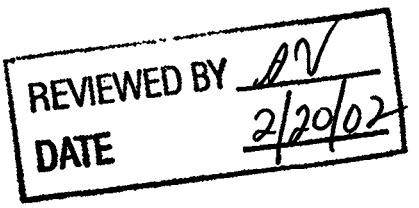
Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:34:57

Sample: AE02710
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/9/02 00:01 Ended: 2/9/02 00:01 Analyst: BH
Result source: a:\2710.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	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: 02/13/2002 Time: 14:34:57

Sample: AE02710
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/9/02 00:01 Ended: 2/9/02 00:01 Analyst: BH
Result source: a:\2710.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\02FEB08\2710.D Vial: 12
Acq On : 9 Feb 2002 1:51 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:43 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1960634	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	1905983	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	846058	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.33	65	777781	5.21	ug/L	-0.02
Spiked Amount 5.000			Recovery =	104.20%		
3) 4-BROMOFLUOROBENZENE	24.34	174	678292	4.60	ug/L	-0.02
Spiked Amount 5.000			Recovery =	92.00%		
25) TOLUENE-D8	18.45	98	2419941	5.12	ug/L	-0.02
Spiked Amount 5.000			Recovery =	102.40%		
Target Compounds						Qvalue
12) ACETONE	8.25	43	40884	3.03	ug/L	99
14) METHYLENE CHLORIDE	9.61	49	46789	~~0.41~~	~~ug/L~~	94
15) METHYL TERT BUTYL ETHER	9.93	73	13906	0.11	ug/L	84
18) 2-BUTANONE (MEK)	12.00	43	117028	~~3.81~~	~~ug/L~~	96
21) CHLOROFORM	12.82	83	8092	0.06	ug/L	85
73) 1,2,3-TRICHLOROBENZENE	33.48	180	13217	0.23	ug/L	81

compare

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

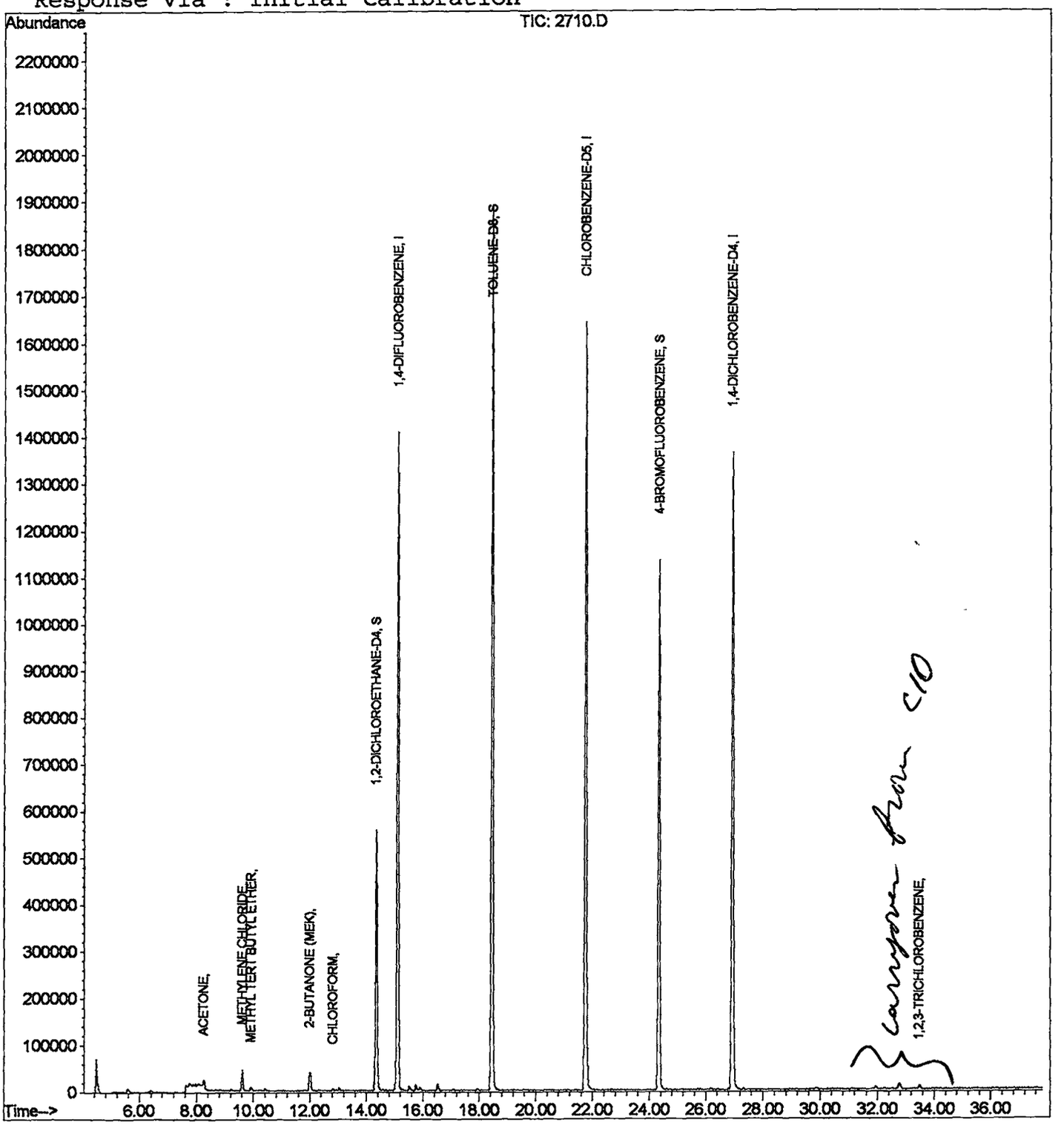
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2710.D
Acq On : 9 Feb 2002 1:51 am
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:43 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02FEB08\2710.D Vial: 12
Acq On : 9 Feb 2002 1:51 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

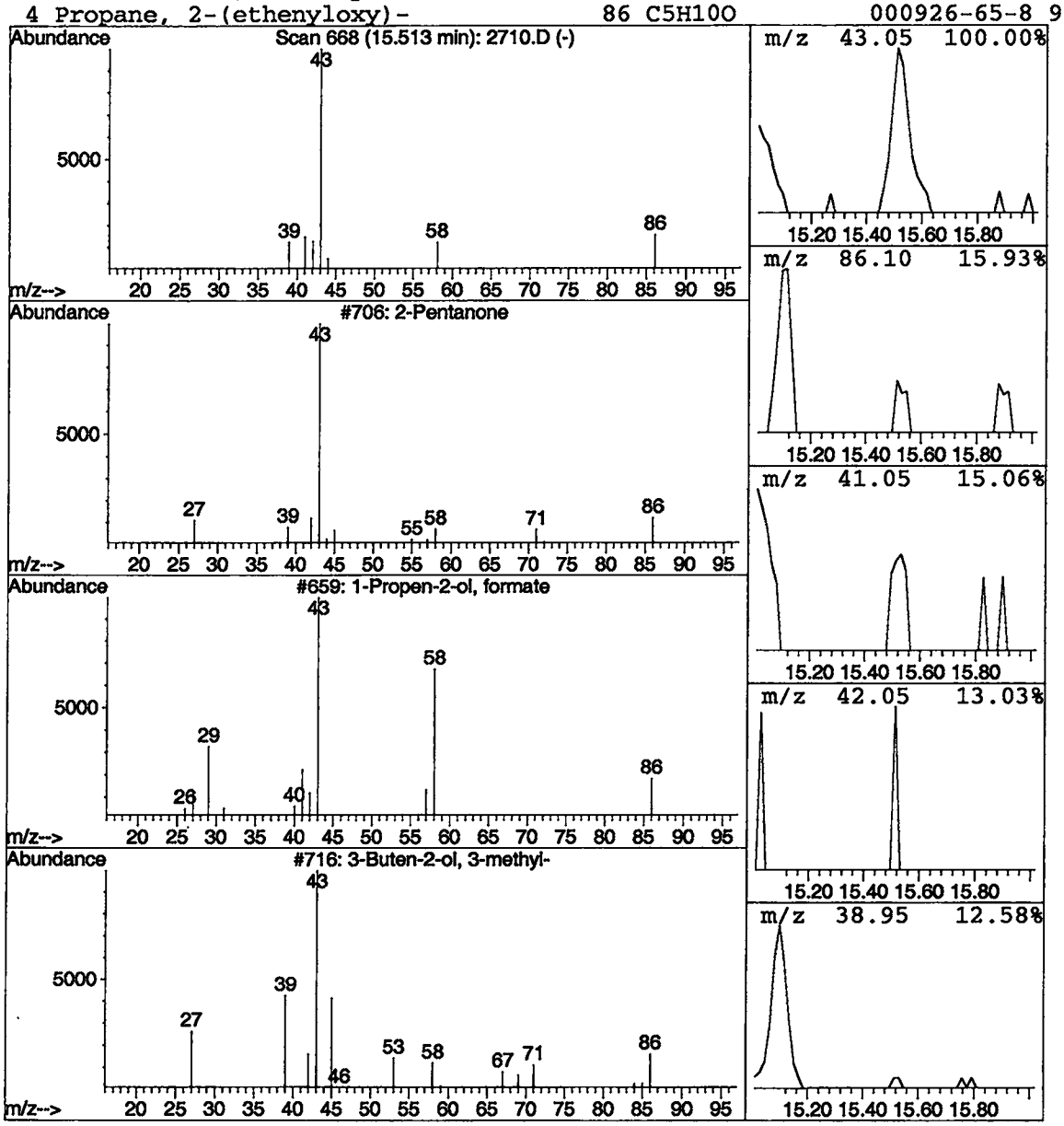
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.04 ug/L	45944	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	37
2	1-Propen-2-ol, formate	86	C4H6O2	032978-00-0	9
3	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	9
4	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2710.D Vial: 12
Acq On : 9 Feb 2002 1:51 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

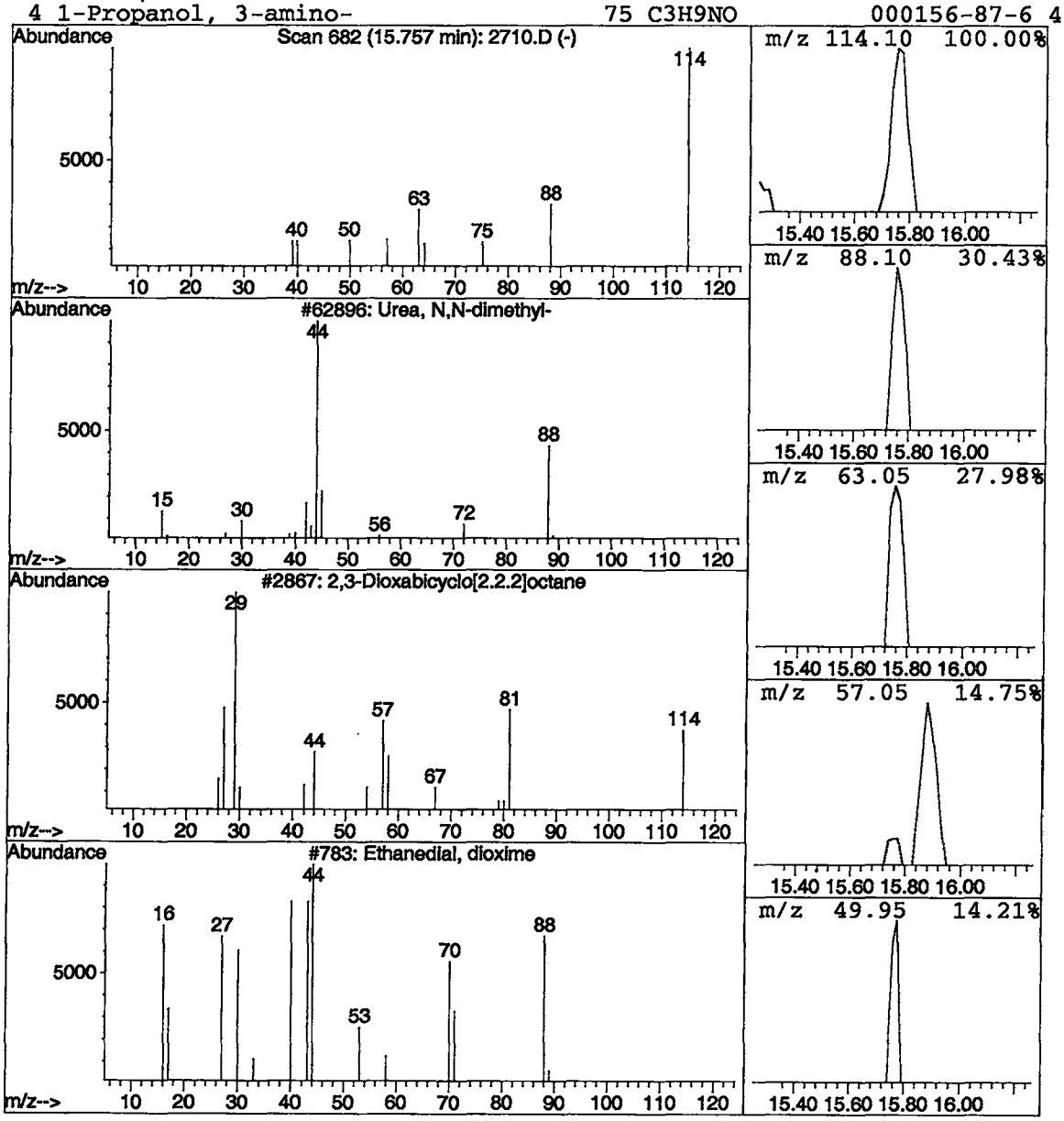
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.04 ug/L	45890	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Ethanedial, dioxime	88	C2H4N2O2	000557-30-2	4
4	1-Propanol, 3-amino-	75	C3H9NO	000156-87-6	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2710.D Vial: 12
Acq On : 9 Feb 2002 1:51 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

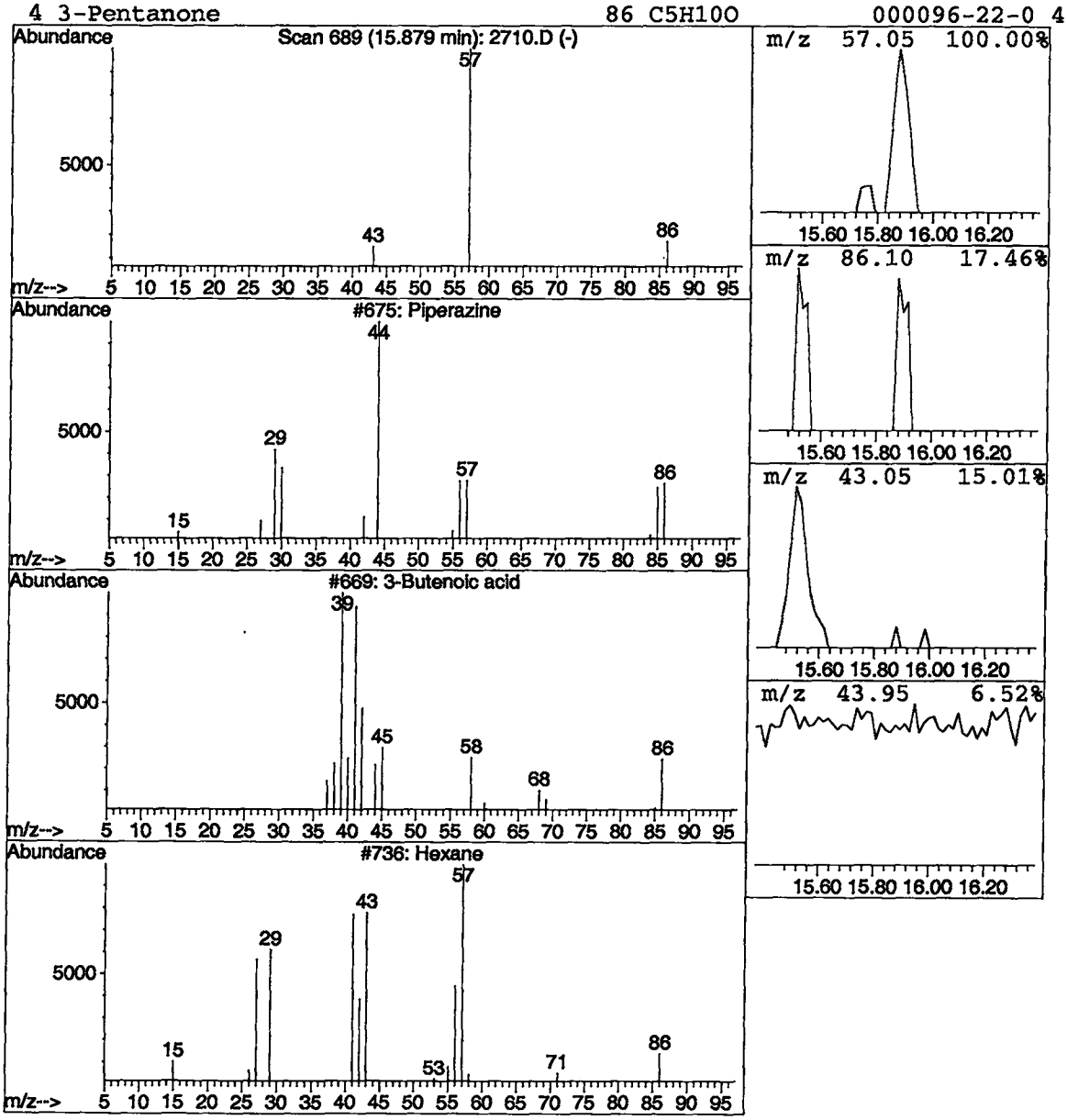
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	26944	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	4
2	3-Butenoic acid	86	C4H6O2	000625-38-7	4
3	Hexane	86	C6H14	000110-54-3	4
4	3-Pentanone	86	C5H10O	000096-22-0	4



Data File : C:\HPCHEM\1\DATA\02feb08\2710.D Vial: 12
Acq On : 9 Feb 2002 1:51 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

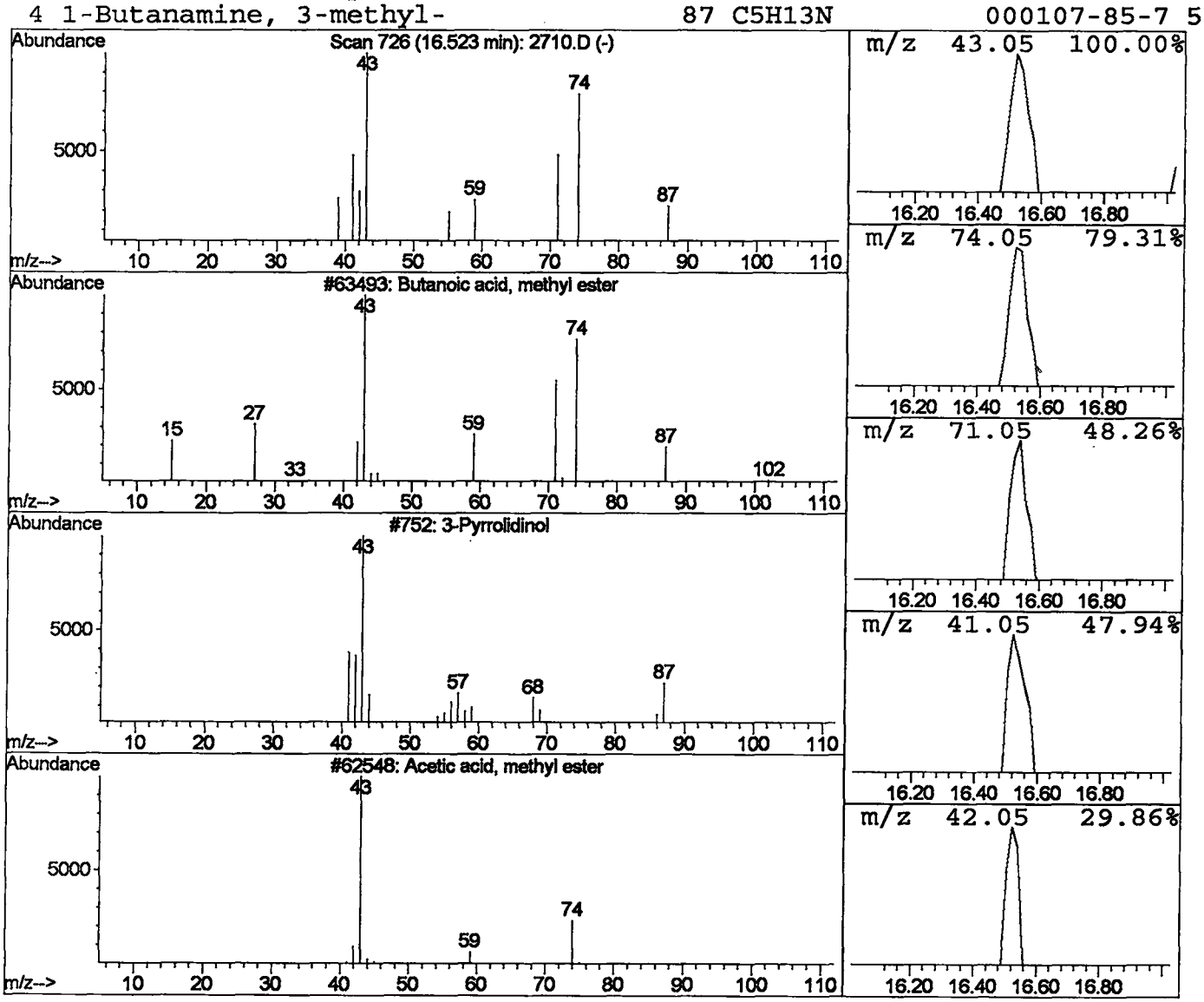
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.05 ug/L	52386	1,4-DIFLUOROBENZENE	15.10

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	7
3	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	5
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5



Data File : C:\HPCHEM\1\DATA\02feb08\2710.D Vial: 12
Acq On : 9 Feb 2002 1:51 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

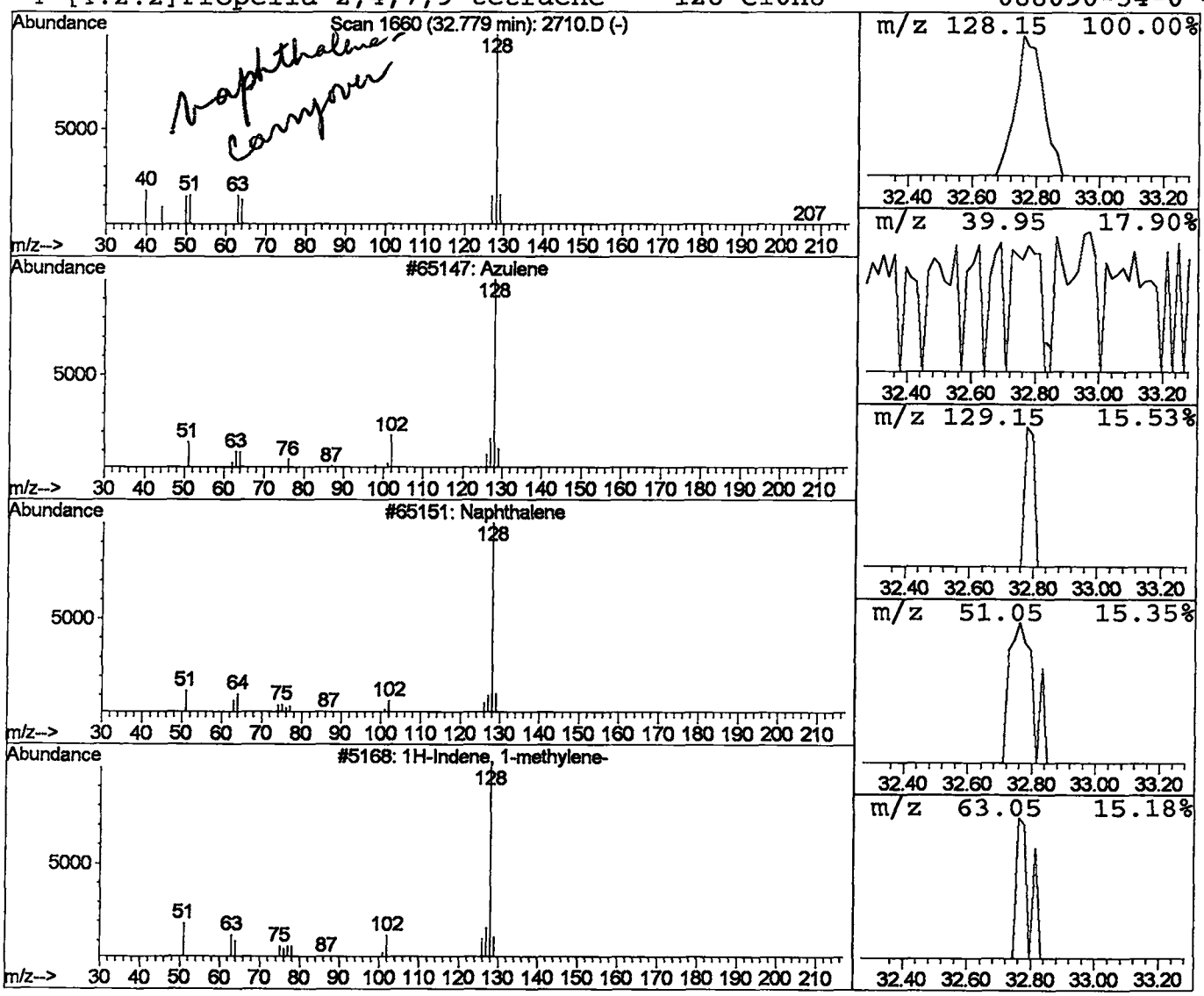
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.78	0.06 ug/L	69384	1,4-DICHLOROBENZENE-D4	26.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	83
2	Naphthalene	128	C10H8	000091-20-3	83
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	83
4	[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	40



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:35:39

Sample: AE02711
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/9/02 00:02 Ended: 2/9/02 00:02 Analyst: BH
Result source: a:\2711.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3	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

REVIEWED BY
DATE 2/20/01

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:35:39

Sample: AE02711
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/9/02 00:02 Ended: 2/9/02 00:02 Analyst: BH
Result source: a:\2711.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

Comments for Sample AE02711 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 02-20-2002 Time: 17:31:38

This sample was analyzed in duplicate for VOC's. One vial showed the presence of chloroform at 0.42 ug/L and the other vial did not show any chloroform. The field blank did not contain any chloroform.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB08\2711.D Vial: 13
Acq On : 9 Feb 2002 2:34 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:45 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	1915938	5.00 ug/L	-0.02
24) CHLOROBENZENE-D5	21.75	117	1845775	5.00 ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	835568	5.00 ug/L	-0.02
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.33	65	766200	5.25 ug/L	-0.02
Spiked Amount 5.000			Recovery	= 105.00%	
3) 4-BROMOFLUOROBENZENE	24.34	174	664736	4.62 ug/L	-0.02
Spiked Amount 5.000			Recovery	= 92.40%	
25) TOLUENE-D8	18.46	98	2335829	5.10 ug/L	-0.02
Spiked Amount 5.000			Recovery	= 102.00%	
Target Compounds					Qvalue
12) ACETONE	8.26	43	50100	3.80 ug/L	99
14) METHYLENE CHLORIDE	9.61	49	49153	~~0.45 ug/L~~	96
15) METHYL TERT BUTYL ETHER	9.93	73	10077	0.08 ug/L	77
18) 2-BUTANONE (MEK)	12.00	43	113541	~~3.78 ug/L~~	96
21) CHLOROFORM .42	12.82	83	58114	0.42 ug/L	94

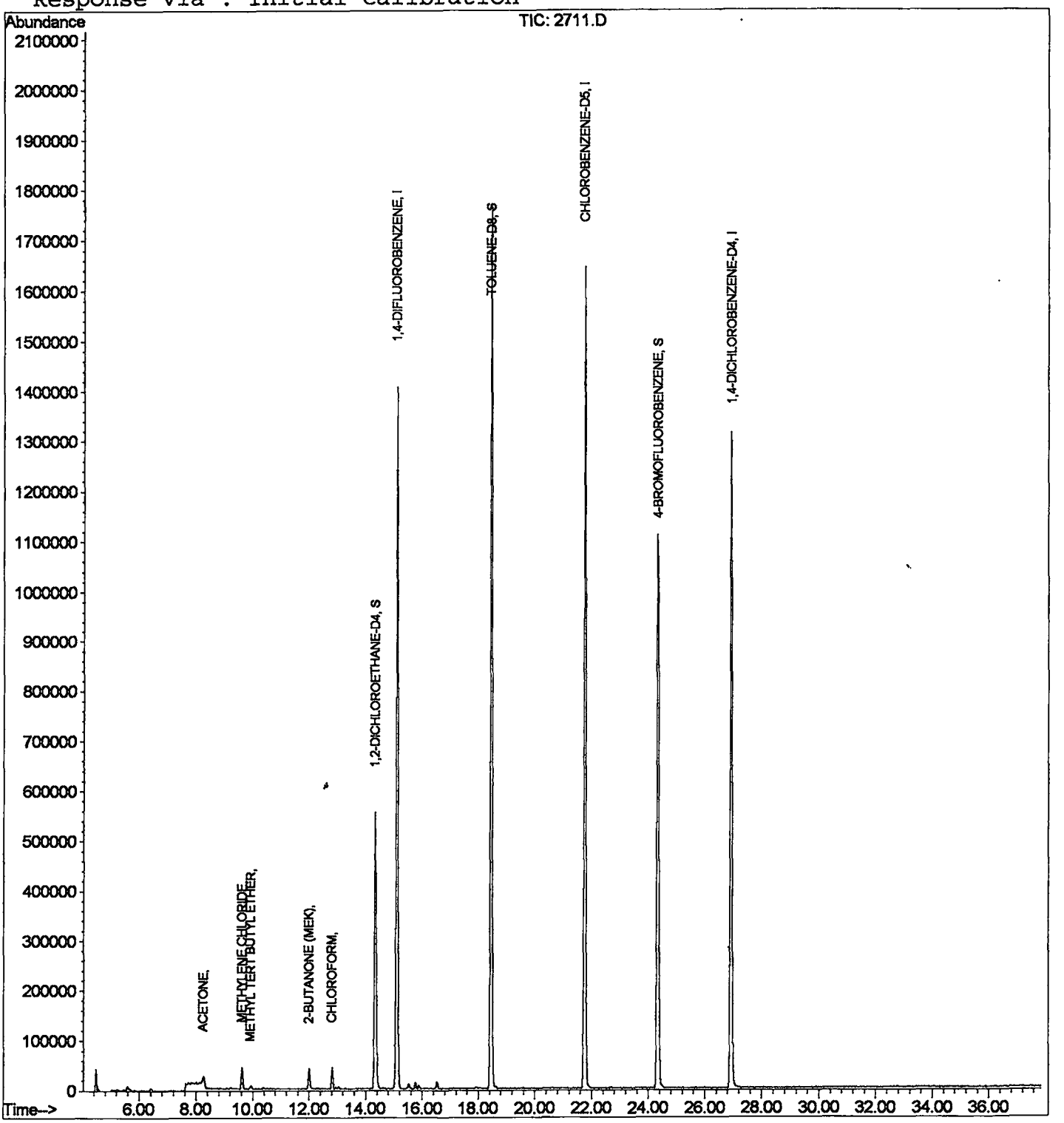
J. not present in dup
: not reported

(#) = qualifier out of range (m) = manual integration
2711.D HP021102.M Wed Feb 13 09:45:14 2002 Page 1

Data File : C:\HPCHEM\1\DATA\02FEB08\2711.D
Acq On : 9 Feb 2002 2:34 am
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:45 2002

Vial: 13
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2711.D Vial: 13
Acq On : 9 Feb 2002 2:34 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

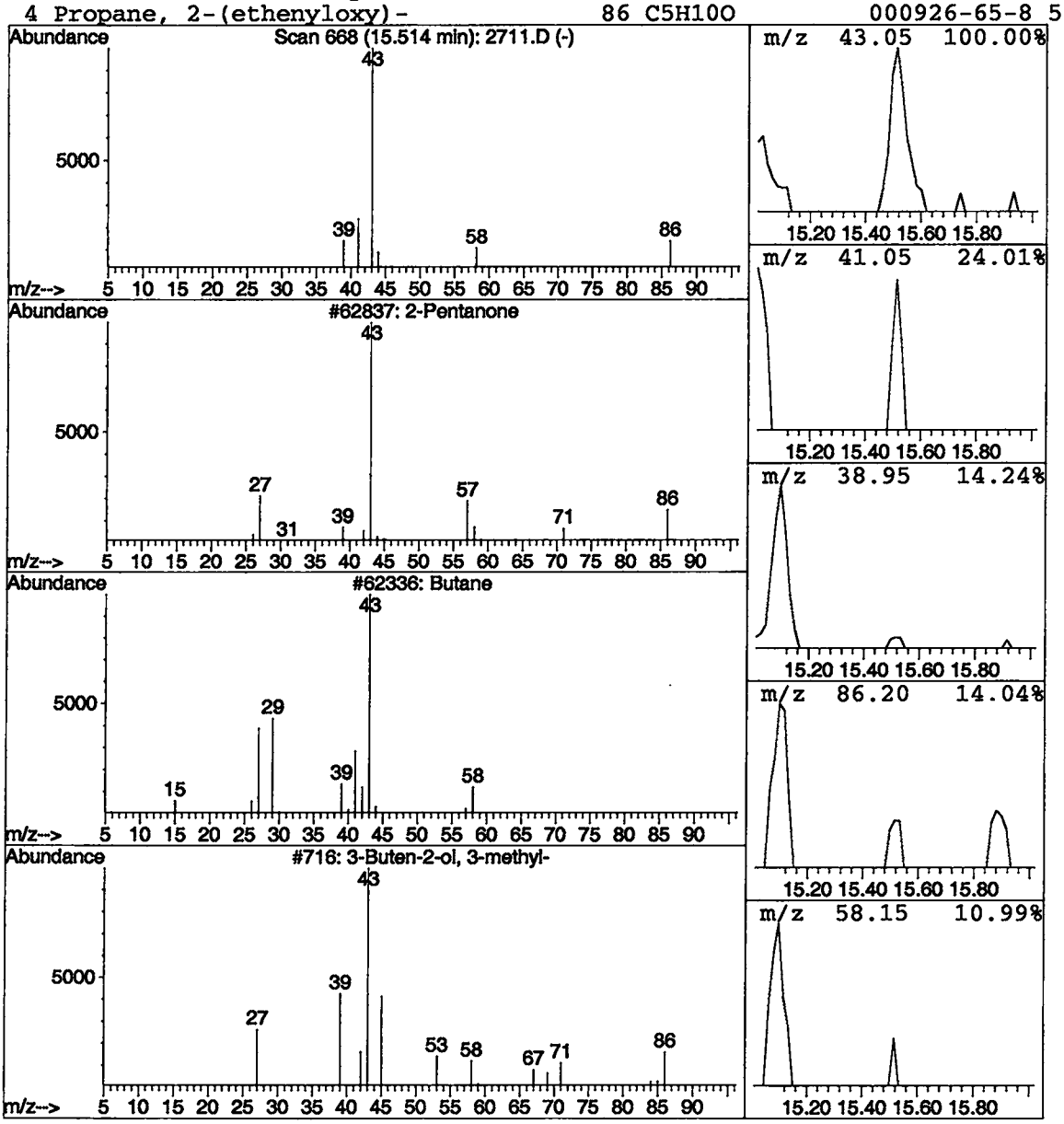
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.04 ug/L	37761	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	7
2	Butane	58	C4H10	000106-97-8	7
3	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	5
4	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2711.D Vial: 13
Acq On : 9 Feb 2002 2:34 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

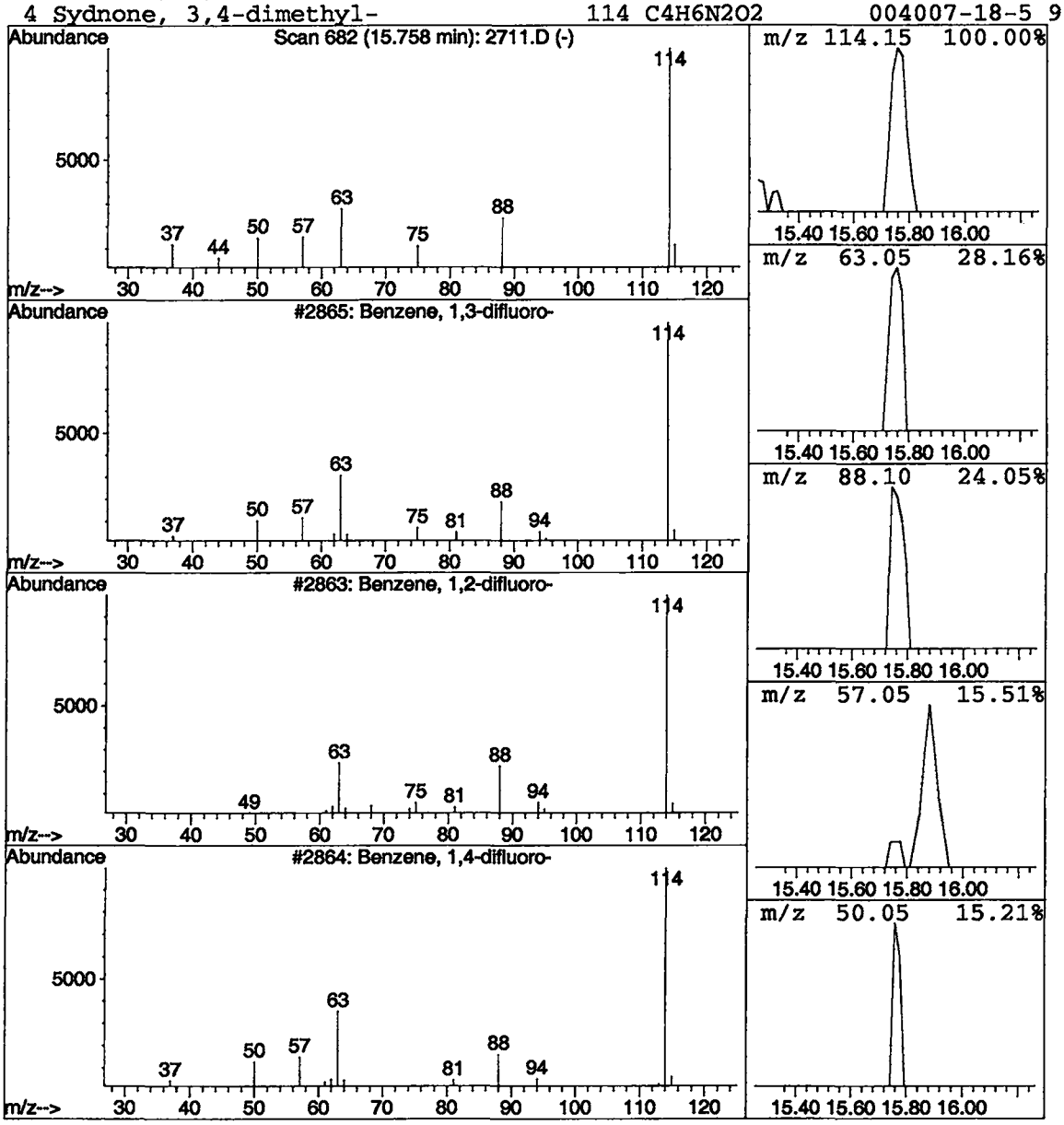
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Benzene, 1,3-difluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.04 ug/L	44461	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	47
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	47
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	43
4	Sydnone, 3,4-dimethyl-	114	C4H6N2O2	004007-18-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2711.D Vial: 13
Acq On : 9 Feb 2002 2:34 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

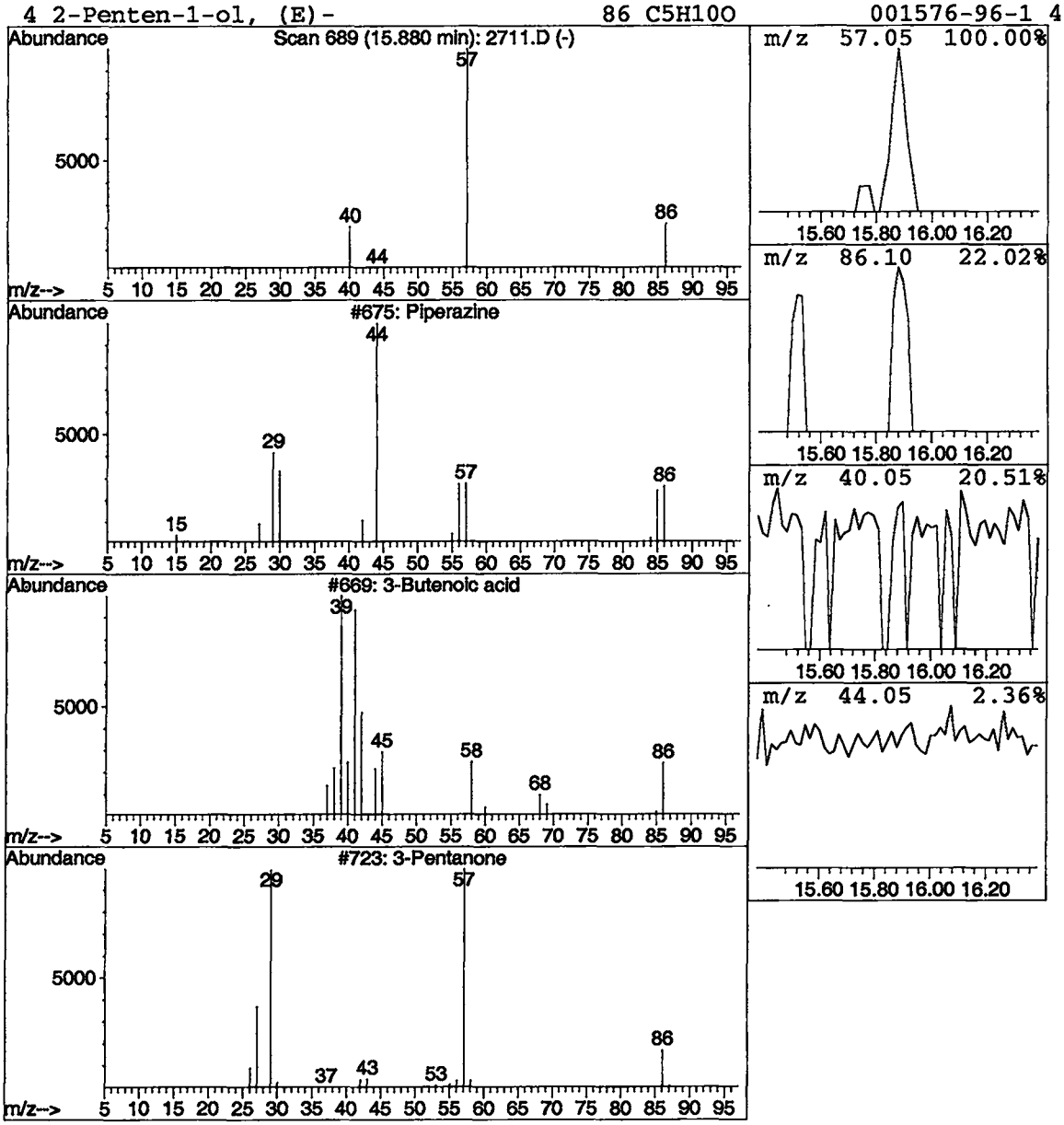
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	26389	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	4
2	3-Butenoic acid	86	C4H6O2	000625-38-7	4
3	3-Pentanone	86	C5H10O	000096-22-0	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2711.D Vial: 13
Acq On : 9 Feb 2002 2:34 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

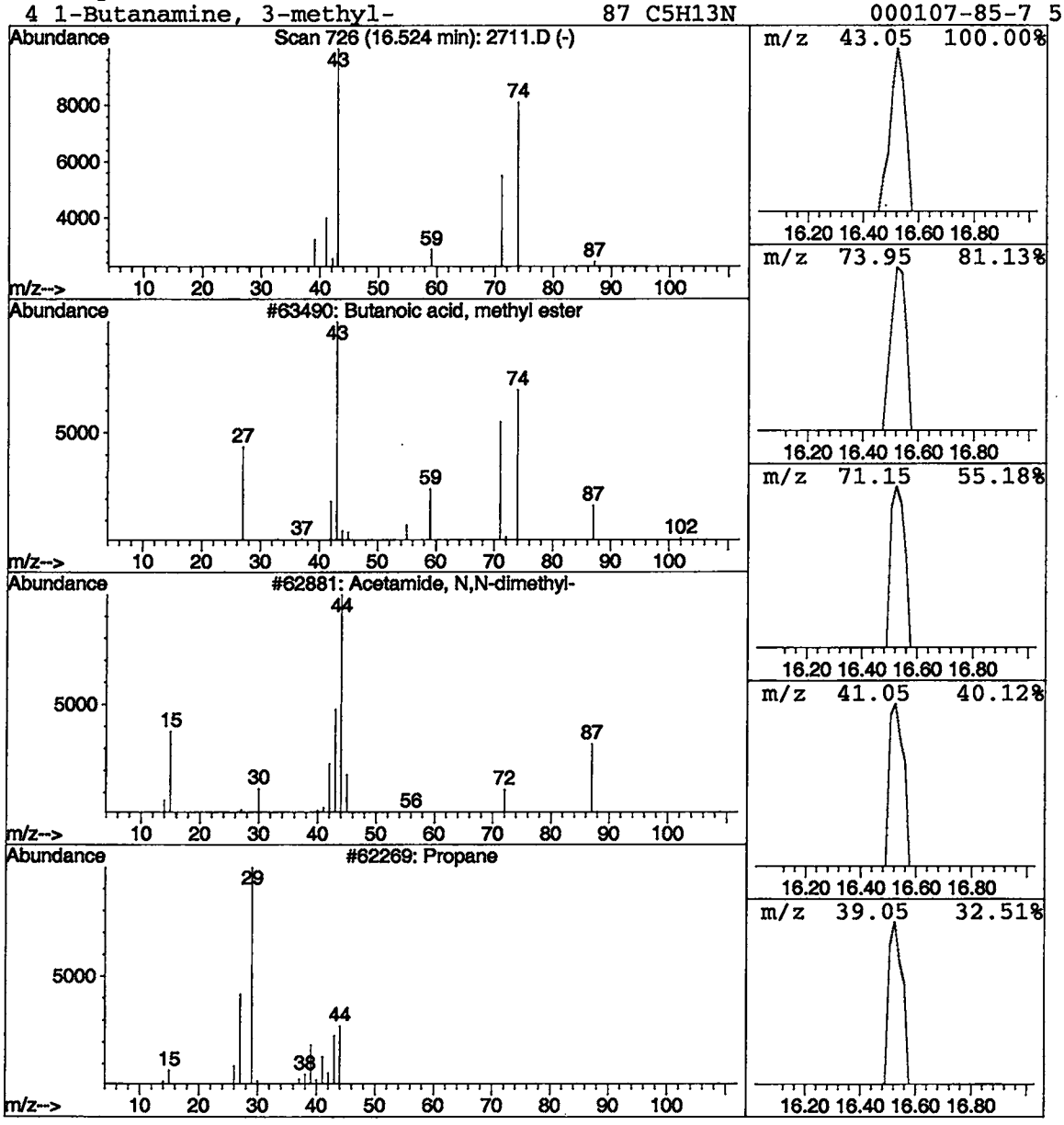
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.05 ug/L	48423	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	53
2	Acetamide, N,N-dimethyl-	87	C4H9NO	000127-19-5	9
3	Propane	44	C3H8	000074-98-6	7
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:03:26

Sample: AE02711
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 2/11/02 00:06 Ended: 2/11/02 00:06 Analyst: BH
Result source: a:\2711d.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		.5
2	Surr - 4-BROMOFLUOROBENZ		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	*THM-Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	*THM-Bromodichloromethane		< MDL		.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:03:26

Sample: AE02711
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 2/11/02 00:06 Ended: 2/11/02 00:06 Analyst: BH
Result source: a:\2711d.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	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:04:22

Sample: AE02711
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 2/9/02 00:02 Ended: 2/9/02 00:02 Analyst: BH
Result source: calculation
Page: 1

	Component Name	Vial	Result
1	Surr - 1,2-DICHLOROETHANE-		0.50
2	Surr - 4-BROMOFLUOROBENZ		0.20
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.0
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:04:22

Sample: AE02711
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 2/9/02 00:02 Ended: 2/9/02 00:02 Analyst: BH
Result source: calculation
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb11\2711D.D Vial: 9
Acq On : 11 Feb 2002 6:22 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 19:00 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 16:41:09 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

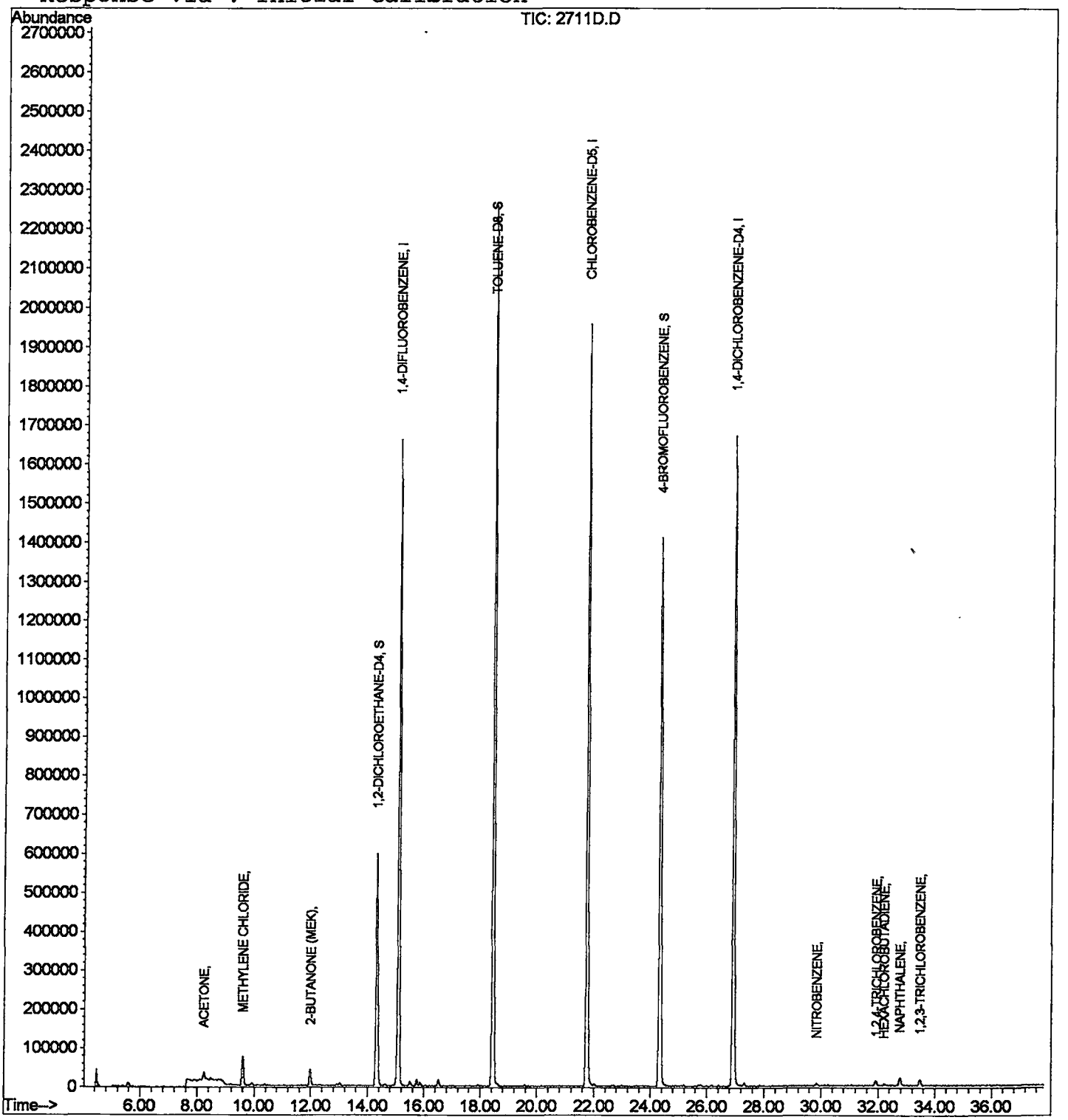
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.08	114	2329308	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	2298174	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.91	152	1048190	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.31	65	849248	4.79	ug/L	-0.03
Spiked Amount 5.000			Recovery =	95.80%		
3) 4-BROMOFLUOROBENZENE	24.32	174	836053	4.78	ug/L	-0.03
Spiked Amount 5.000			Recovery =	95.60%		
25) TOLUENE-D8	18.44	98	2882924	5.06	ug/L	-0.03
Spiked Amount 5.000			Recovery =	101.20%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	46486	2.90	ug/L	99
14) METHYLENE CHLORIDE	9.60	49	85132	0.64	ug/L	98
18) 2-BUTANONE (MEK)	12.00	43	120545	3.30	ug/L	99
70) 1,2,4-TRICHLOROBENZENE	31.94	180	13936	0.16	ug/L	87
71) HEXACHLOROBUTADIENE	32.22	225	4408	0.10	ug/L	94
72) NAPHTHALENE	32.78	128	52797	0.44	ug/L	98
73) 1,2,3-TRICHLOROBENZENE	33.48	180	19158	0.27	ug/L	96
74) NITROBENZENE	29.86	77	10186	7.75	ug/L	84

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb11\2711D.D Vial: 9
Acq On : 11 Feb 2002 6:22 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 19:00 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB11\2711D.D Vial: 9
Acq On : 11 Feb 2002 6:22 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

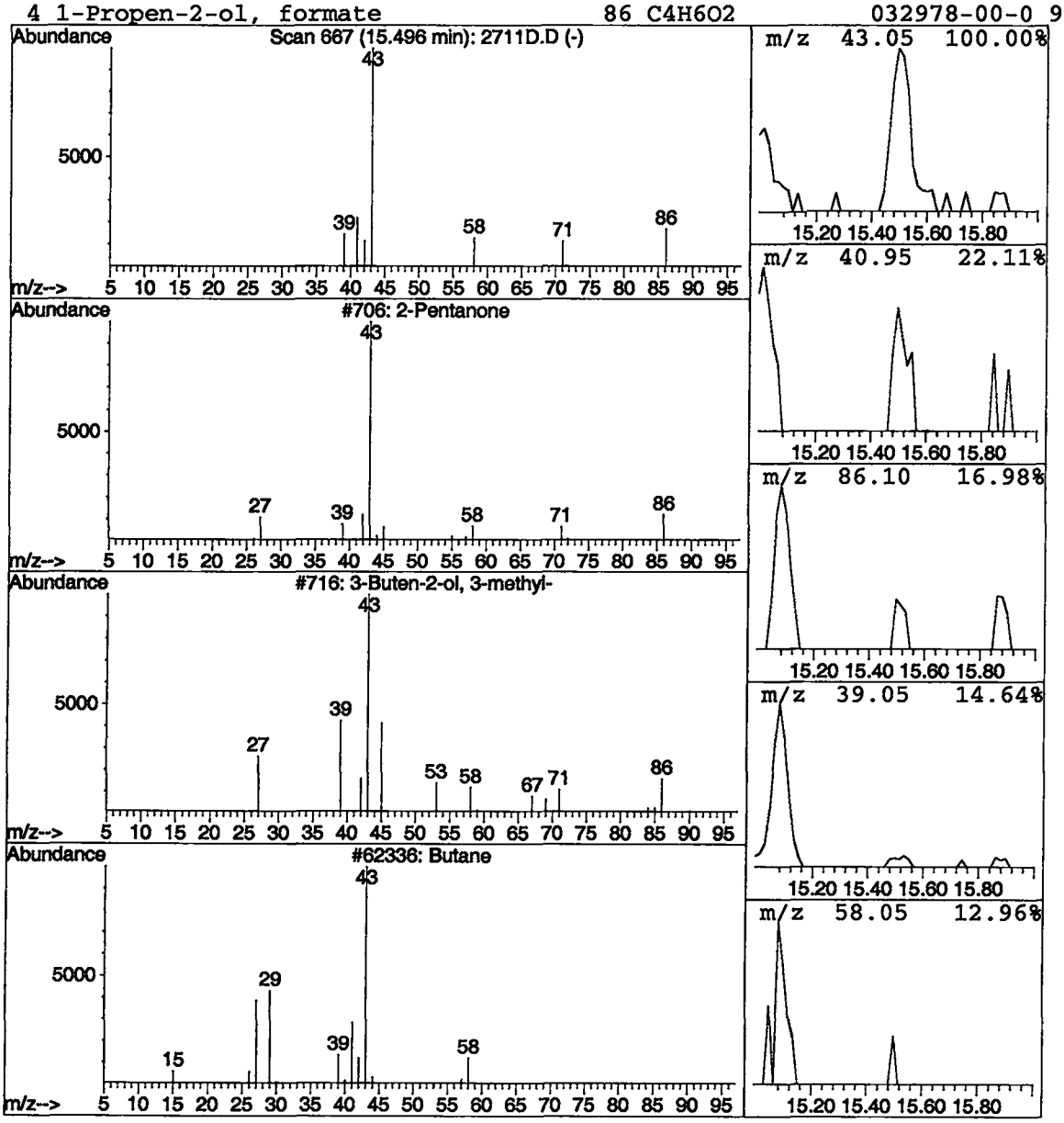
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	0.04 ug/L	55107	1,4-DIFLUOROBENZENE	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	47
2	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	28
3	Butane	58	C4H10	000106-97-8	9
4	1-Propen-2-ol, formate	86	C4H6O2	032978-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB11\2711D.D Vial: 9
Acq On : 11 Feb 2002 6:22 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

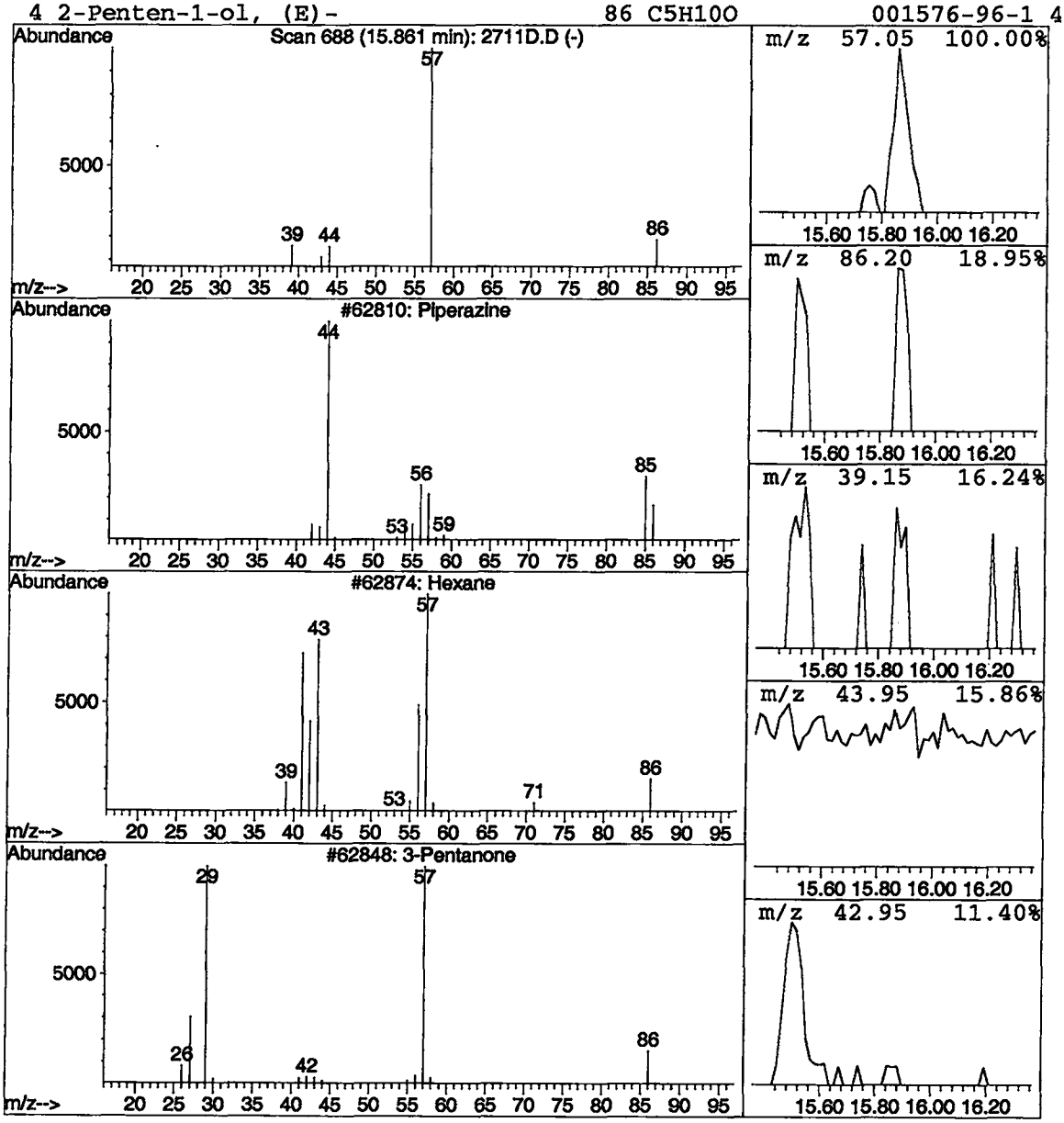
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	0.03 ug/L	37902	1,4-DIFLUOROBENZENE	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	5
2	Hexane	86	C6H14	000110-54-3	5
3	3-Pentanone	86	C5H10O	000096-22-0	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4



Data File : C:\HPCHEM\1\DATA\02FEB11\2711D.D Vial: 9
Acq On : 11 Feb 2002 6:22 pm Operator: 201-wb
Sample : nyc 524 dup Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

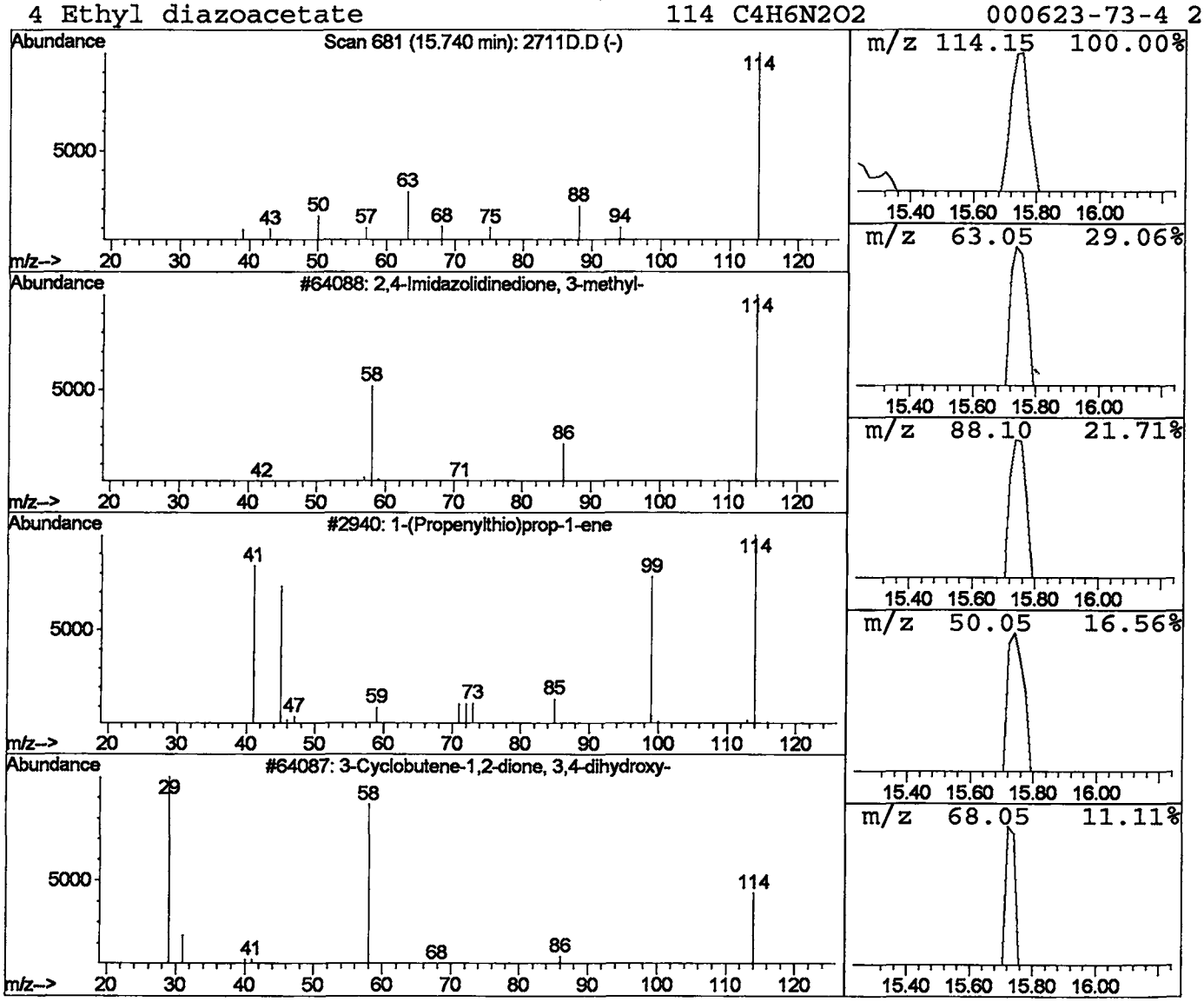
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	0.04 ug/L	57201	1,4-DIFLUOROBENZENE	15.08

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\02FEB11\2711D.D
Acq On : 11 Feb 2002 6:22 pm
Sample : nyc 524 dup
Misc :
MS Integration Params: LSCINT.P

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

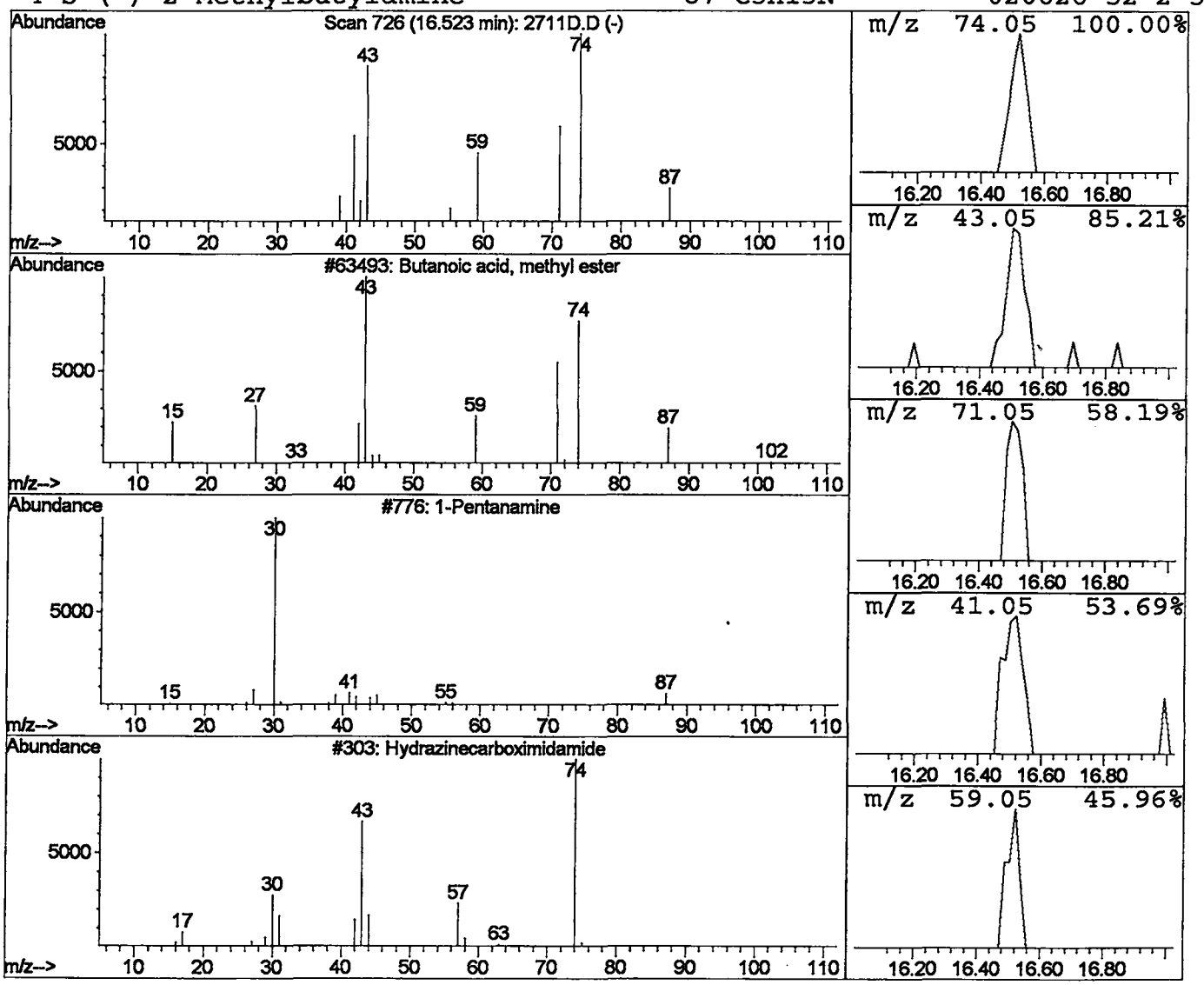
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.05 ug/L	58604	1,4-DIFLUOROBENZENE	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	40
2	1-Pentanamine	87	C5H13N	000110-58-7	7
3	Hydrazinecarboximidamide	74	CH6N4	000079-17-4	7
4	S-(-)-2-Methylbutylamine	87	C5H13N	020626-52-2	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:05:06

Sample: AE02711
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/11/02 00:07 Ended: 2/11/02 00:07 Analyst: BH
Result source: a:\2711fb.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.0		.5
2	Surr_4-BROMOFLUOROBENZE		4.7		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:05:06

Sample: AE02711
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/11/02 00:07 Ended: 2/11/02 00:07 Analyst: BH
Result source: a:\2711fb.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb11\2711FB.D Vial: 10
Acq On : 11 Feb 2002 7:05 pm Operator: 201-wb
Sample : nyc 524 field blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 11 19:43 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 16:41:09 2002
Response via : Initial Calibration
DataAcq Meth : HP021102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	2328038	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	2283583	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	1048585	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.33	65	890069	5.02	ug/L	-0.02
Spiked Amount 5.000			Recovery =	100.40%		
3) 4-BROMOFLUOROBENZENE	24.34	174	830236	4.74	ug/L	-0.02
Spiked Amount 5.000			Recovery =	94.80%		
25) TOLUENE-D8	18.44	98	2882730	5.09	ug/L	-0.03
Spiked Amount 5.000			Recovery =	101.80%		
Target Compounds						Qvalue
12) ACETONE	8.25	43	92591	5.79	ug/L	89
14) METHYLENE CHLORIDE	9.61	49	106471	~~0.79~~	~~ug/L~~	99
15) METHYL TERT BUTYL ETHER	9.93	73	14711	~~0.10~~	~~ug/L~~	84
18) 2-BUTANONE (MEK)	12.00	43	142190	~~3.90~~	ug/L	99

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

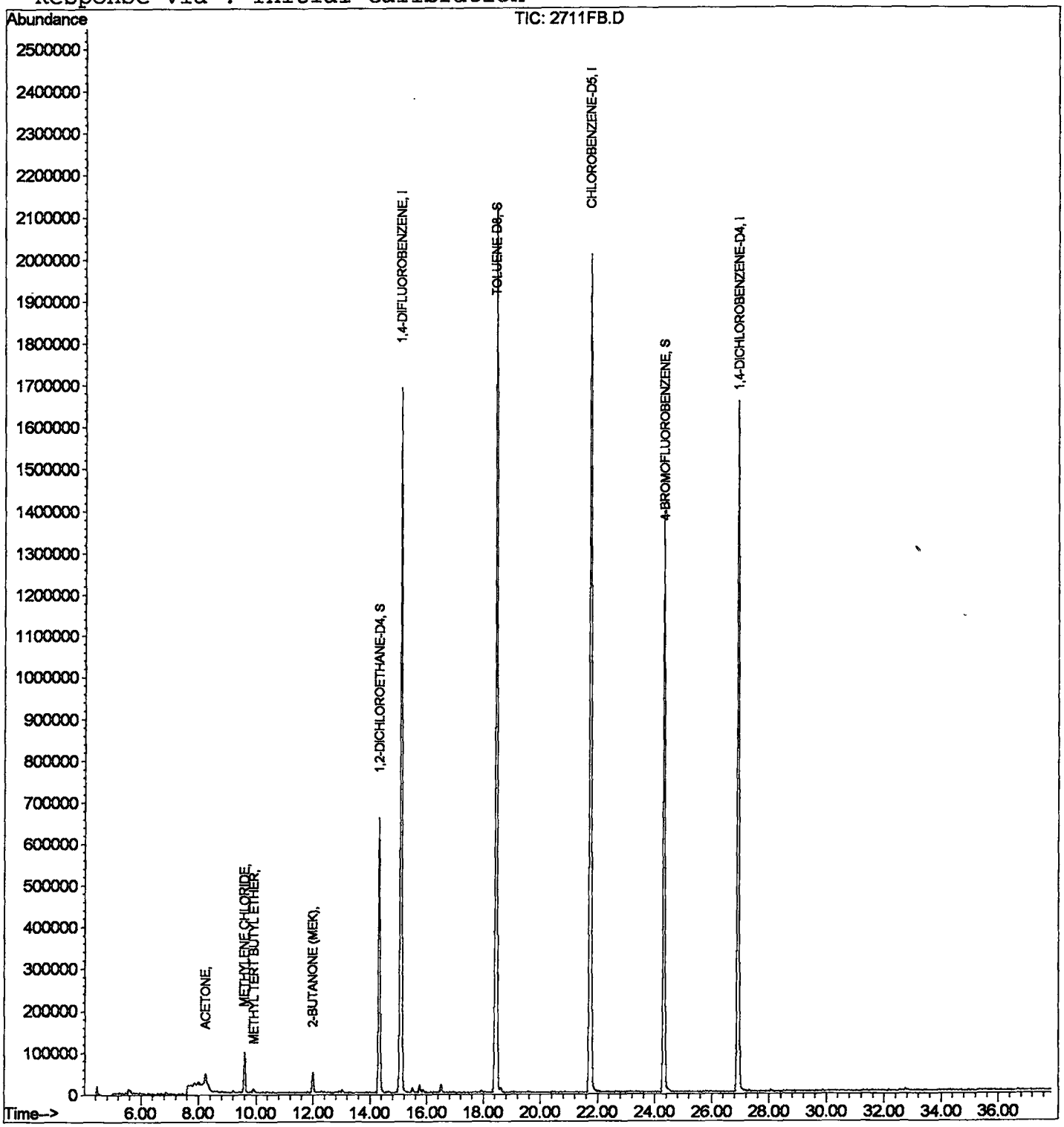
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb11\2711FB.D
Acq On : 11 Feb 2002 7:05 pm
Sample : nyc 524 field blank
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 11 19:43 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB11\2711FB.D Vial: 10
Acq On : 11 Feb 2002 7:05 pm Operator: 201-wb
Sample : nyc 524 field blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

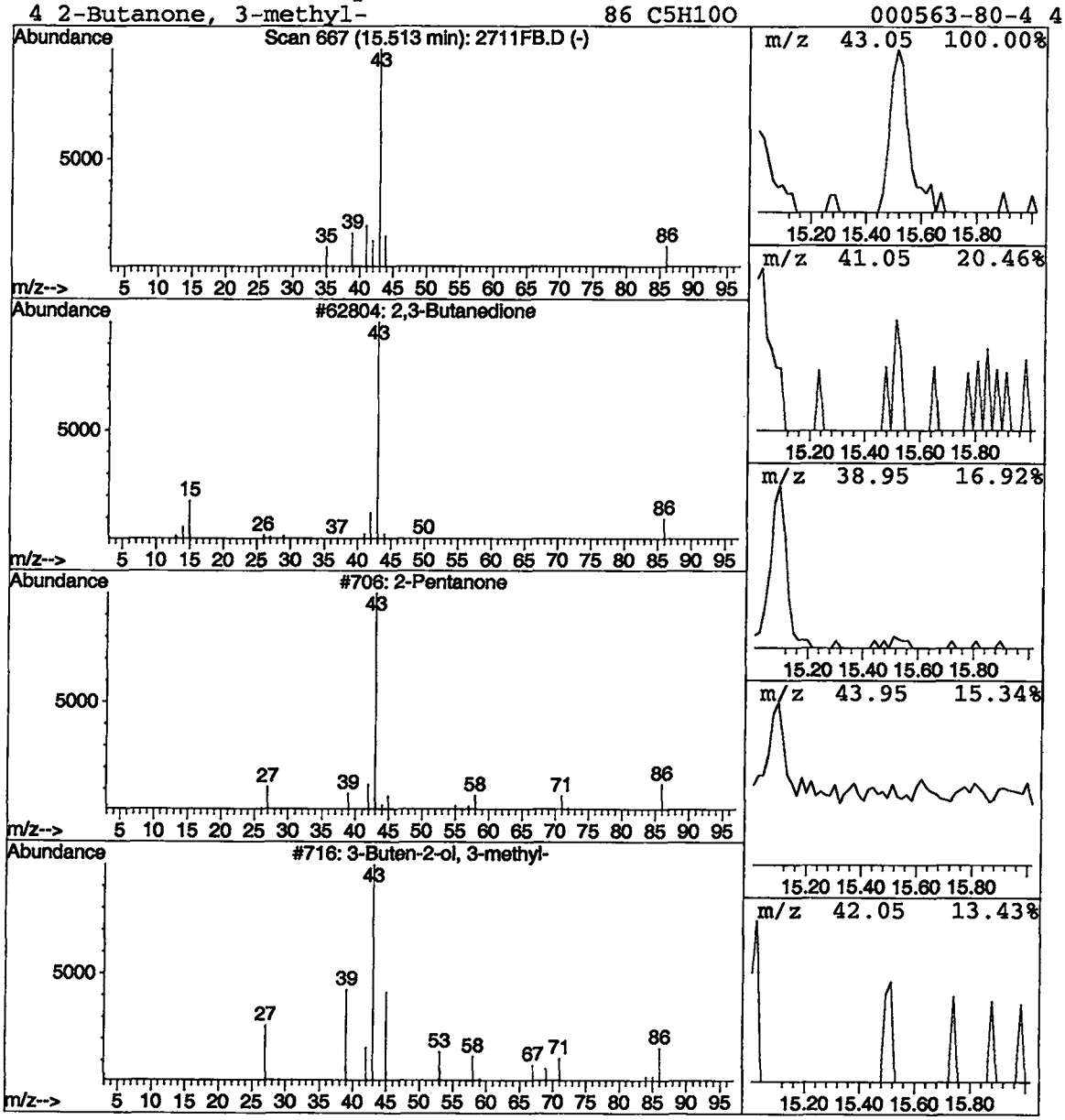
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2,3-Butanedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.04 ug/L	48346	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione	86	C4H6O2	000431-03-8	5
2	2-Pentanone	86	C5H10O	000107-87-9	5
3	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	5
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB11\2711FB.D
Acq On : 11 Feb 2002 7:05 pm
Sample : nyc 524 field blank
Misc :
MS Integration Params: LSCINT.P

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

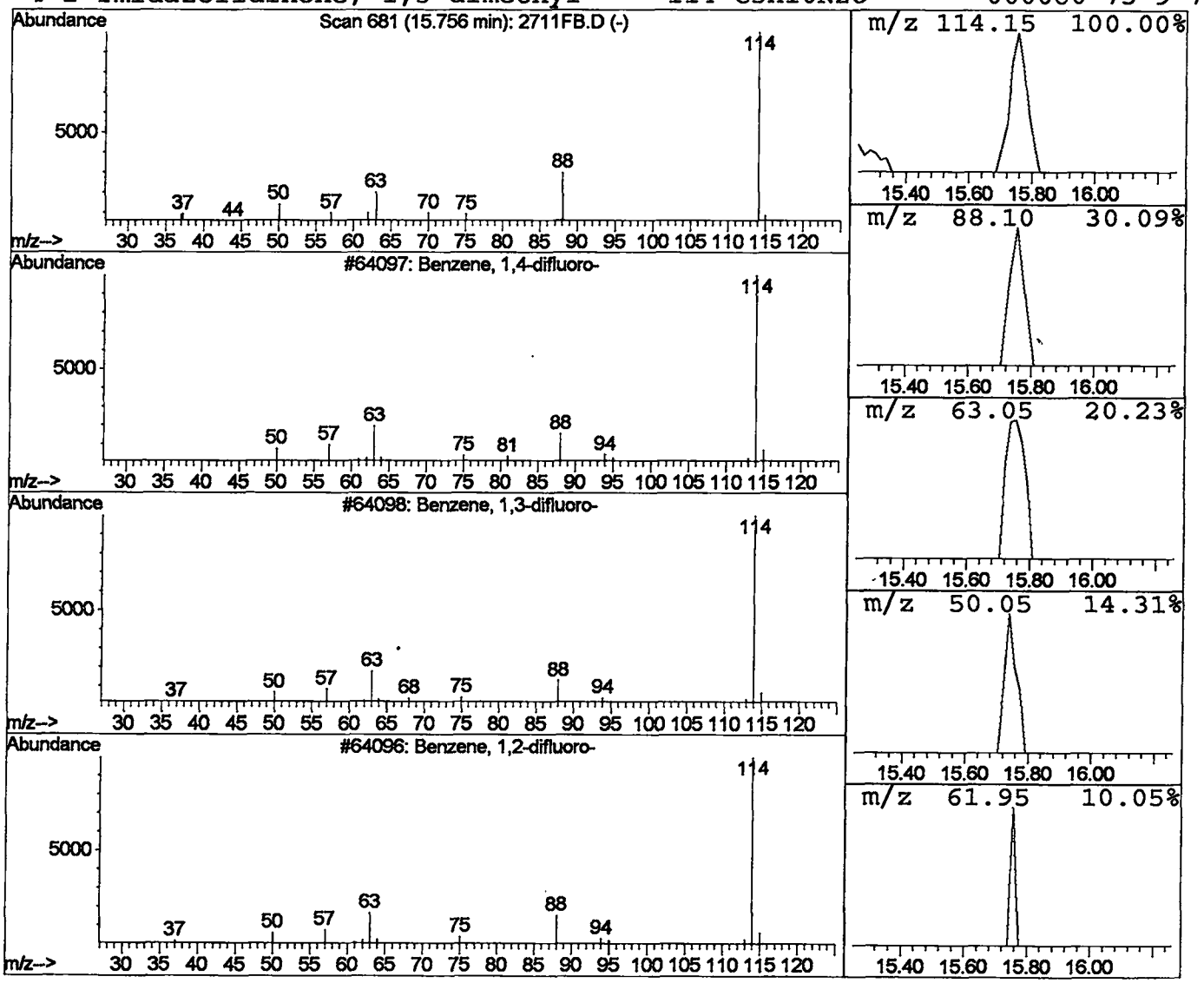
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Benzene, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.06 ug/L	70237	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	43
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	37
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	37
4	2-Imidazolidinone, 1,3-dimethyl-	114	C5H10N2O	000080-73-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB11\2711FB.D Vial: 10
Acq On : 11 Feb 2002 7:05 pm Operator: 201-wb
Sample : nyc 524 field blank Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

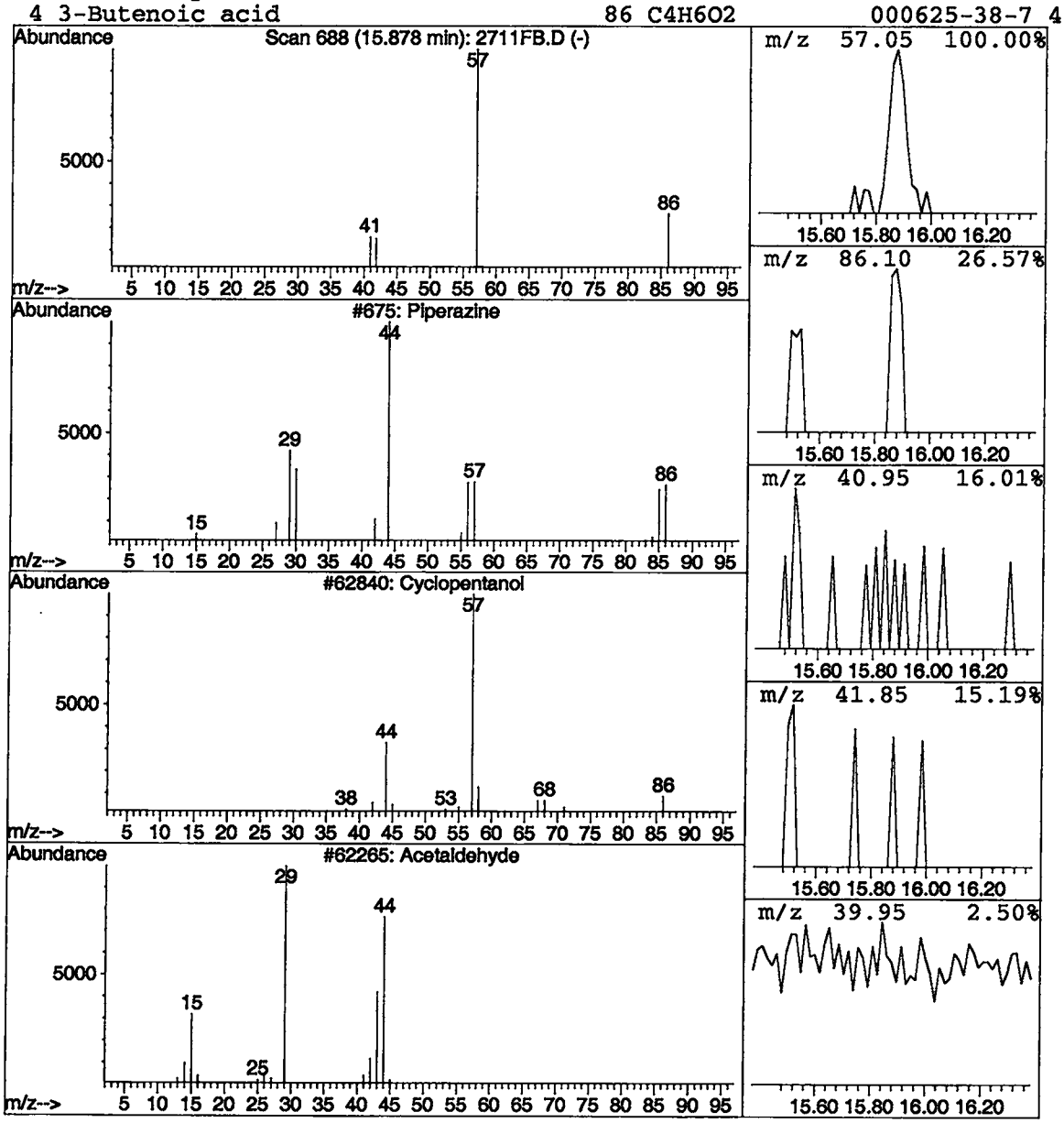
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	37008	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	7
2	Cyclopentanol	86	C5H10O	000096-41-3	5
3	Acetaldehyde	44	C2H4O	000075-07-0	4
4	3-Butenoic acid	86	C4H6O2	000625-38-7	4



Data File : C:\HPCHEM\1\DATA\02FEB11\2711FB.D
Acq On : 11 Feb 2002 7:05 pm
Sample : nyc 524 field blank
Misc :
MS Integration Params: LSCINT.P

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

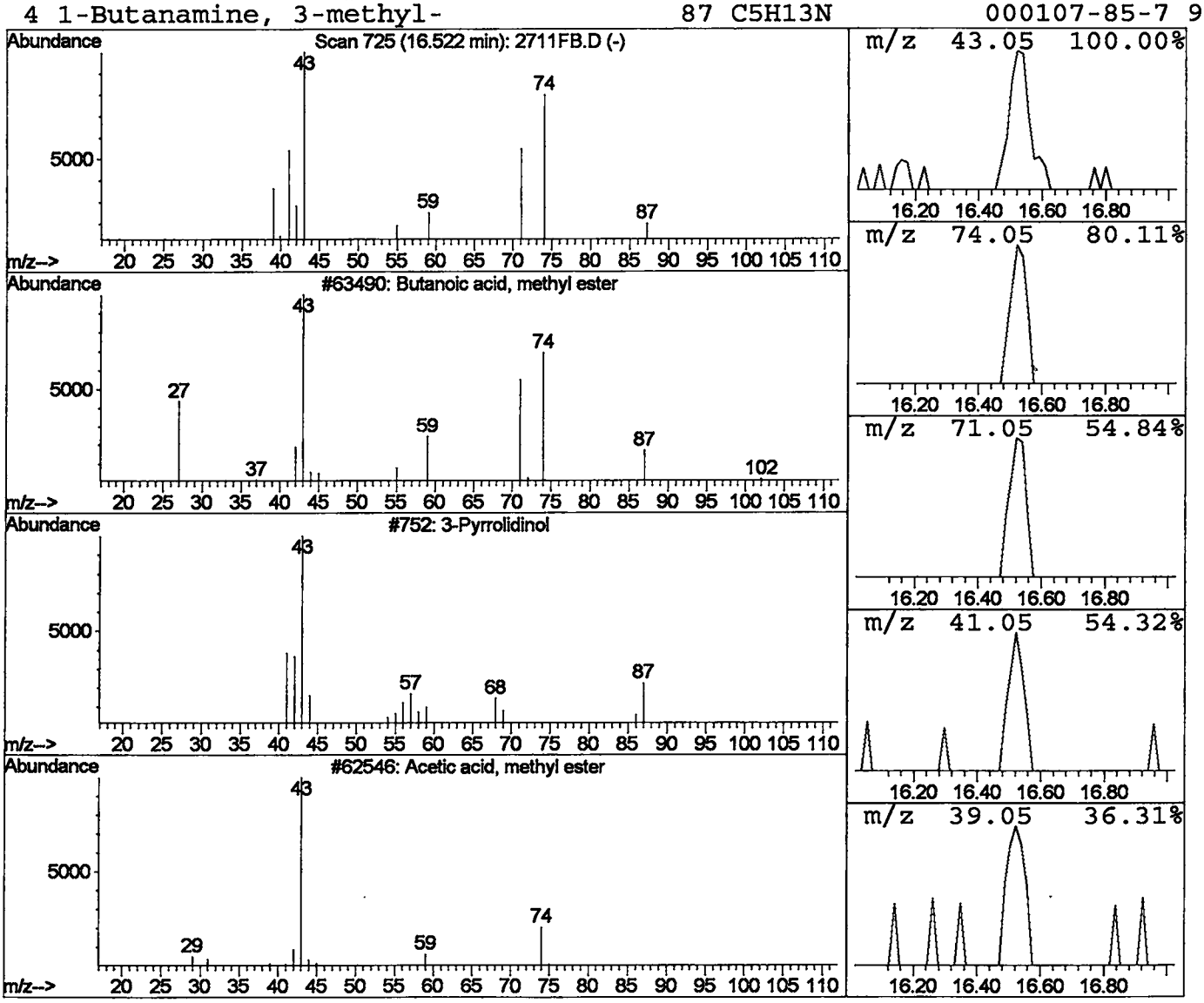
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.06 ug/L	72935	1,4-DIFLUOROBENZENE	15.10

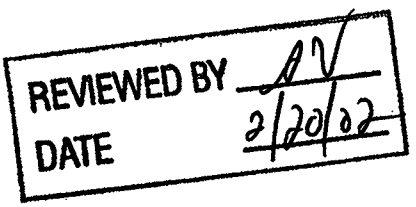
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	3-Pyrrolidinol	87	C4H9NO	040499-83-0	12
3	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:36:10

Sample: AE02712
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/9/02 00:03 Ended: 2/9/02 00:03 Analyst: BH
Result source: a:\2712.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	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: 02/13/2002 Time: 14:36:10

Sample: AE02712
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/9/02 00:03 Ended: 2/9/02 00:03 Analyst: BH
Result source: a:\2712.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\02FEB08\2712.D Vial: 14
Acq On : 9 Feb 2002 3:18 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:45 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	2009476	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	1929740	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	856437	5.00	ug/L	-0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.33	65	801631	5.24	ug/L	-0.02
Spiked Amount 5.000			Recovery =	104.80%		
3) 4-BROMOFLUOROBENZENE	24.34	174	691199	4.58	ug/L	-0.02
Spiked Amount 5.000			Recovery =	91.60%		
25) TOLUENE-D8	18.45	98	2460868	5.14	ug/L	-0.02
Spiked Amount 5.000			Recovery =	102.80%		
Target Compounds						Qvalue
12) ACETONE	8.25	43	56912 Confirm	4.12	ug/L	87
14) METHYLENE CHLORIDE	9.61	49	46908 Confirm	~~0.41 ug/L~~		95
18) 2-BUTANONE (MEK)	12.00	43	121661 Confirm	3.86	ug/L	94
21) CHLOROFORM	12.81	83	8757 <DL	0.06	ug/L	95
66) 1,4-DICHLOROBENZENE	27.00	146	9469 <DL	0.07	ug/L	91

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

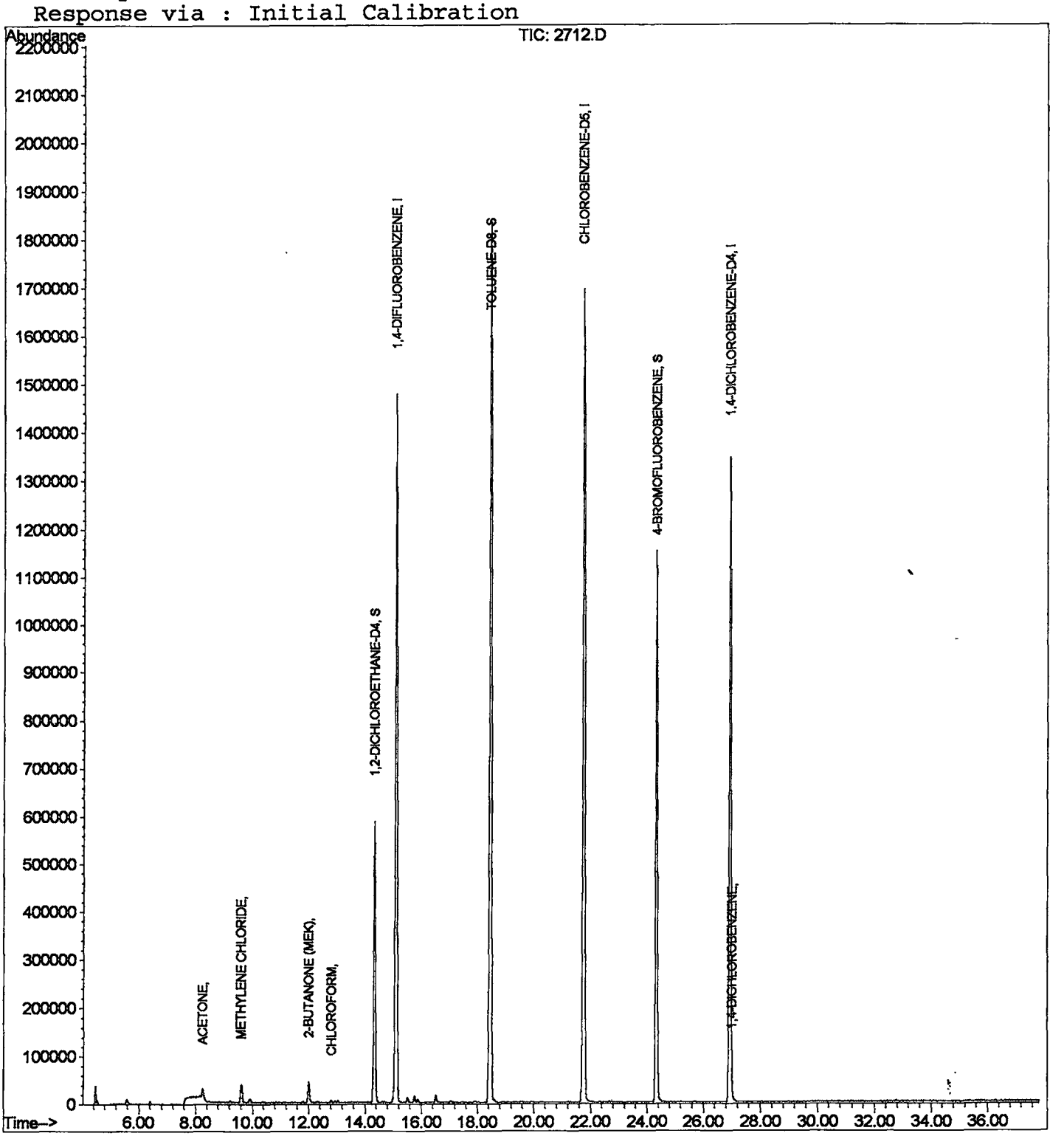
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2712.D
Acq On : 9 Feb 2002 3:18 am
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:45 2002

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

Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2712.D Vial: 14
Acq On : 9 Feb 2002 3:18 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

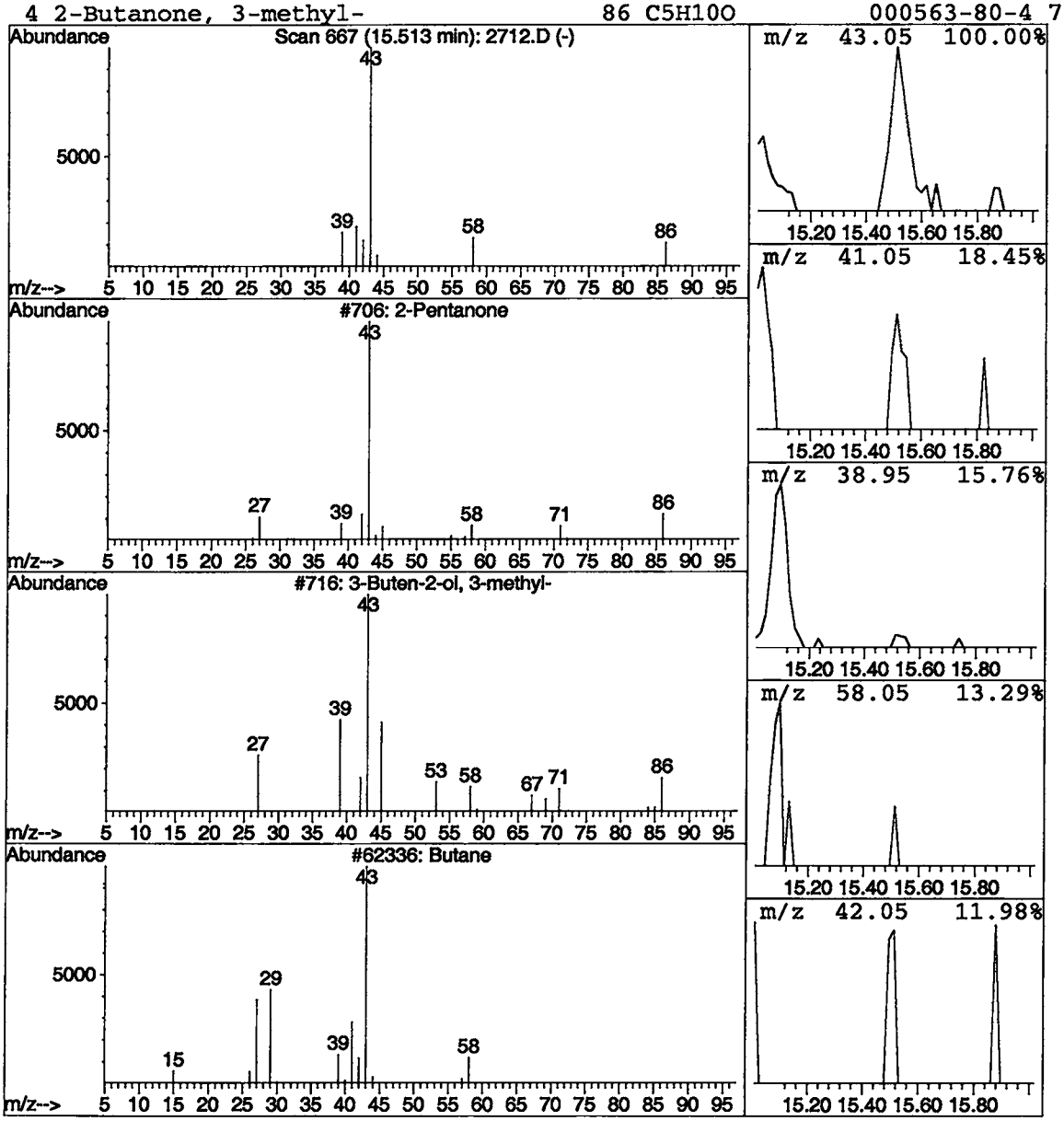
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.03 ug/L	34739	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	9
2	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	9
3	Butane	58	C4H10	000106-97-8	7
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2712.D Vial: 14
Acq On : 9 Feb 2002 3:18 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

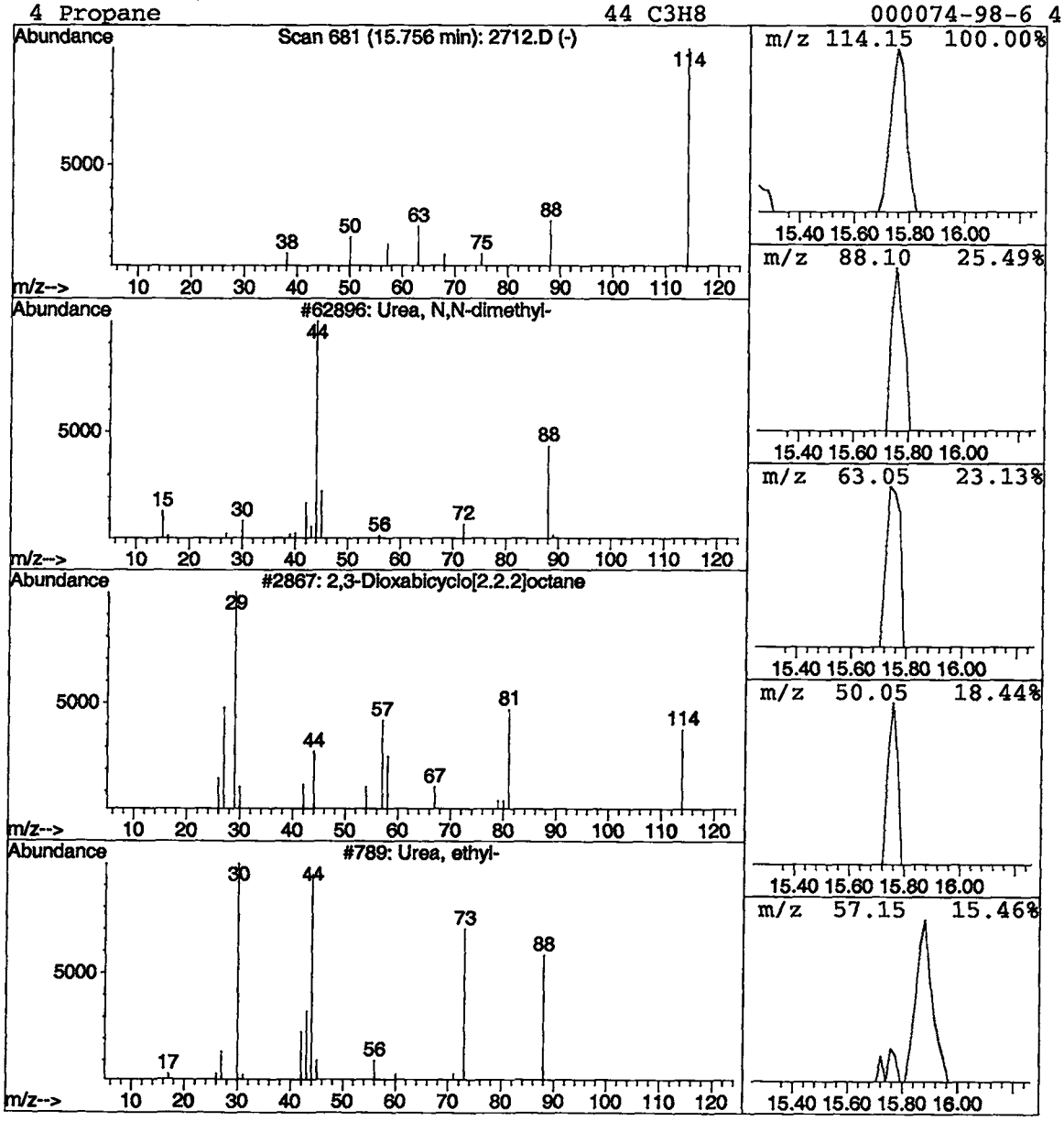
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.04 ug/L	49372	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
4	Propane	44	C3H8	000074-98-6	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2712.D Vial: 14
Acq On : 9 Feb 2002 3:18 am Operator: 201-wb
Sample : nyc 524 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

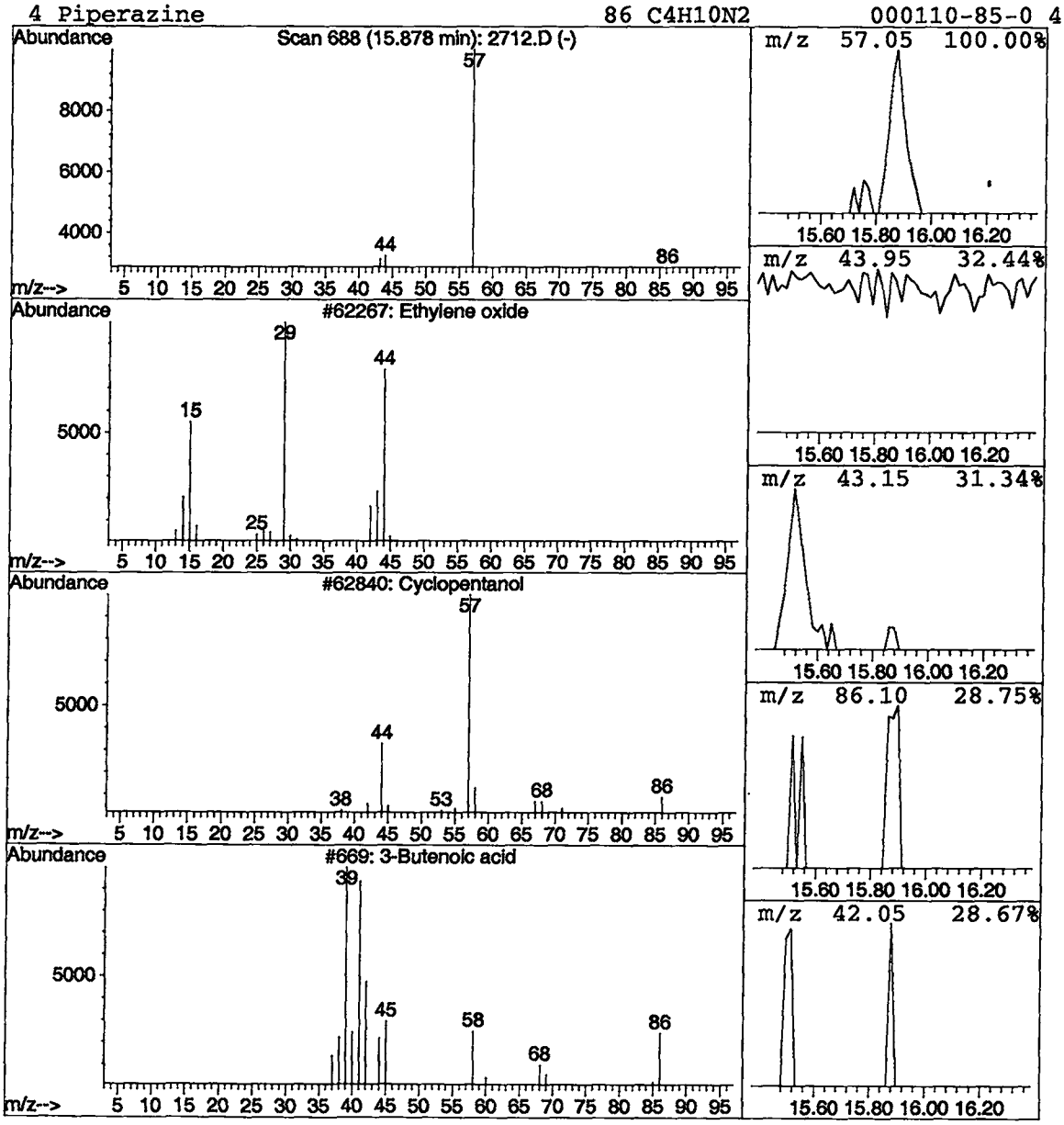
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Ethylene oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	31557	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	5
2	Cyclopentanol	86	C5H10O	000096-41-3	5
3	3-Butenoic acid	86	C4H6O2	000625-38-7	5
4	Piperazine	86	C4H10N2	000110-85-0	4



Data File : C:\HPCHEM\1\DATA\02feb08\2712.D
Acq On : 9 Feb 2002 3:18 am
Sample : nyc 524
Misc :
MS Integration Params: LSCINT.P

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

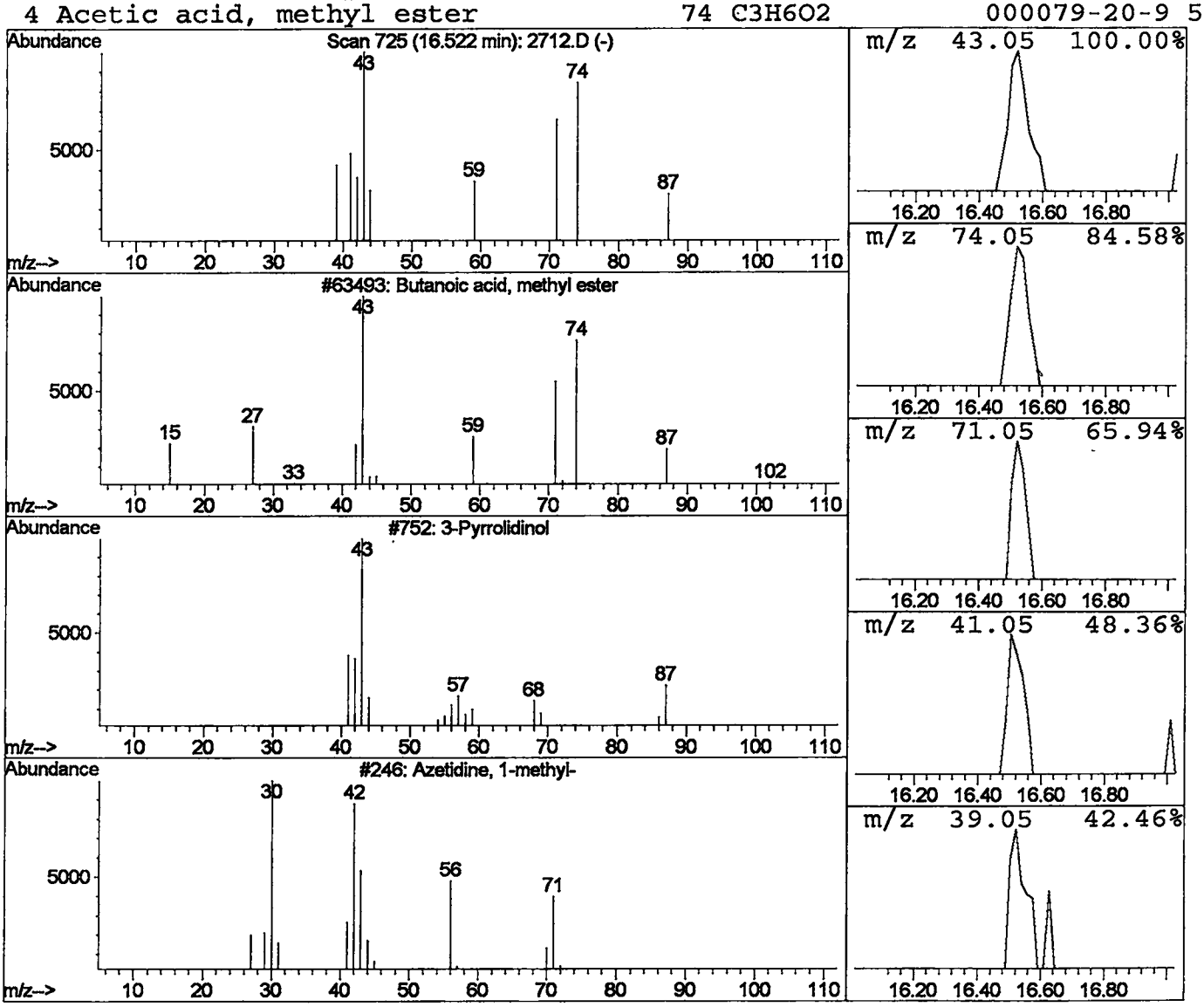
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.05 ug/L	54828	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	64
2	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
3	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
4	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	5



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 14:57:24

Sample: AE02575
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/09/02 00:04 Ended: 02/09/02 00:04 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.2	.5
2	Surr_4-BROMOFLUOROBENZEN		4.5	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	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 (MIBI		< 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

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 14:57:24

Sample: AE02575
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/09/02 00:04 Ended: 02/09/02 00:04 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB08\2575FB.D Vial: 15
Acq On : 9 Feb 2002 4:01 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:38 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

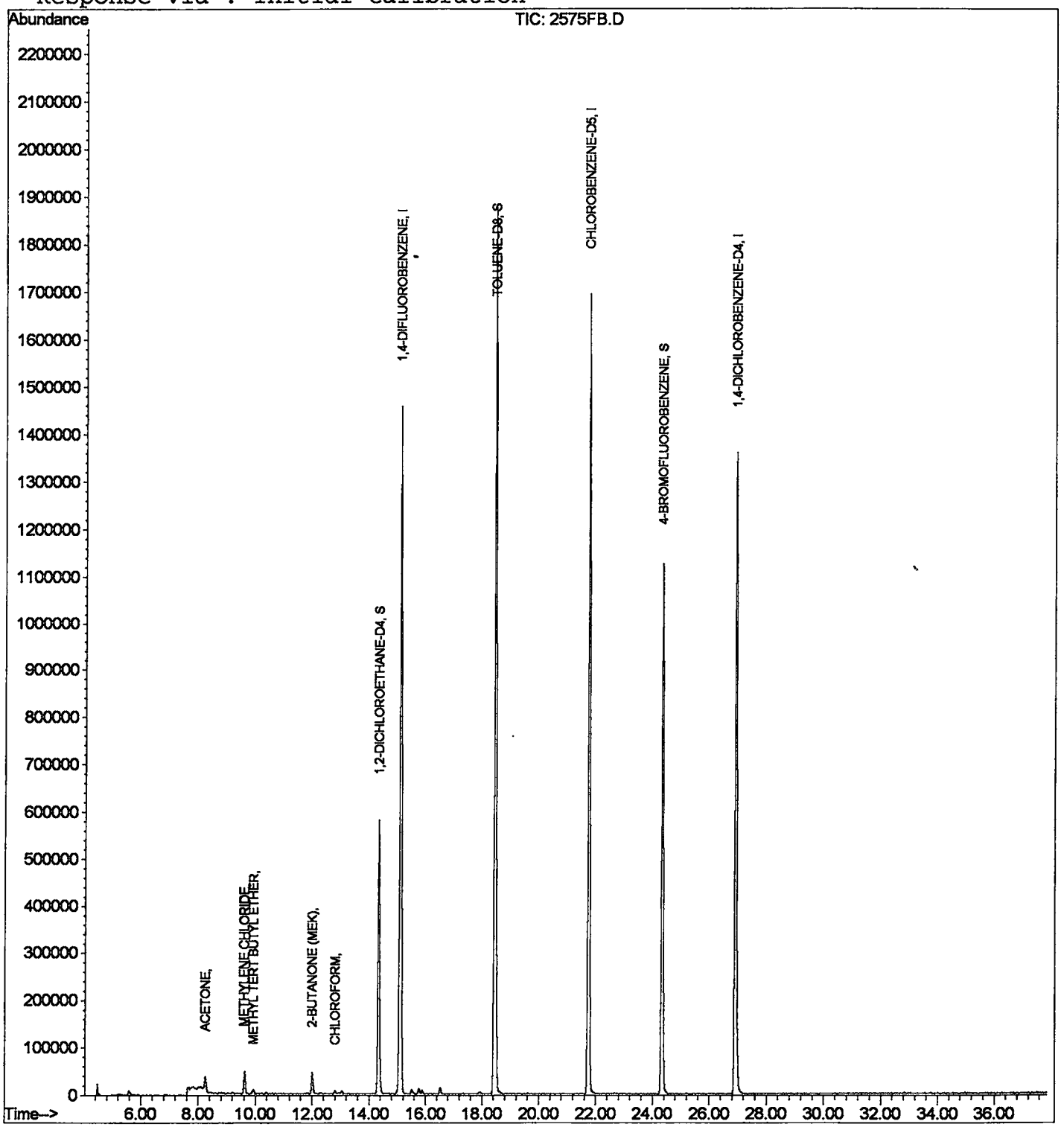
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	2012540	5.00 ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	1930789	5.00 ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.93	152	856119	5.00 ug/L	-0.02
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.33	65	801137	5.23 ug/L	-0.02
Spiked Amount 5.000			Recovery	= 104.60%	
3) 4-BROMOFLUOROBENZENE	24.34	174	686969	4.54 ug/L	-0.02
Spiked Amount 5.000			Recovery	= 90.80%	
25) TOLUENE-D8	18.45	98	2445225	5.11 ug/L	-0.02
Spiked Amount 5.000			Recovery	= 102.20%	
Target Compounds					Qvalue
12) ACETONE	8.25	43	78920	5.70 ug/L	99
14) METHYLENE CHLORIDE	9.61	49	50754	~~0.44 ug/L~~	97
15) METHYL TERT BUTYL ETHER	9.93	73	16261	0.13 ug/L	90
18) 2-BUTANONE (MEK)	12.00	43	122419	3.88 ug/L	100
21) CHLOROFORM	12.81	83	10792	0.07 ug/L	89

(#) = qualifier out of range (m) = manual integration
2575FB.D HP021102.M Wed Feb 13 09:38:43 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2575FB.D Vial: 15
Acq On : 9 Feb 2002 4:01 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:38 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2575FB.D Vial: 15
Acq On : 9 Feb 2002 4:01 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

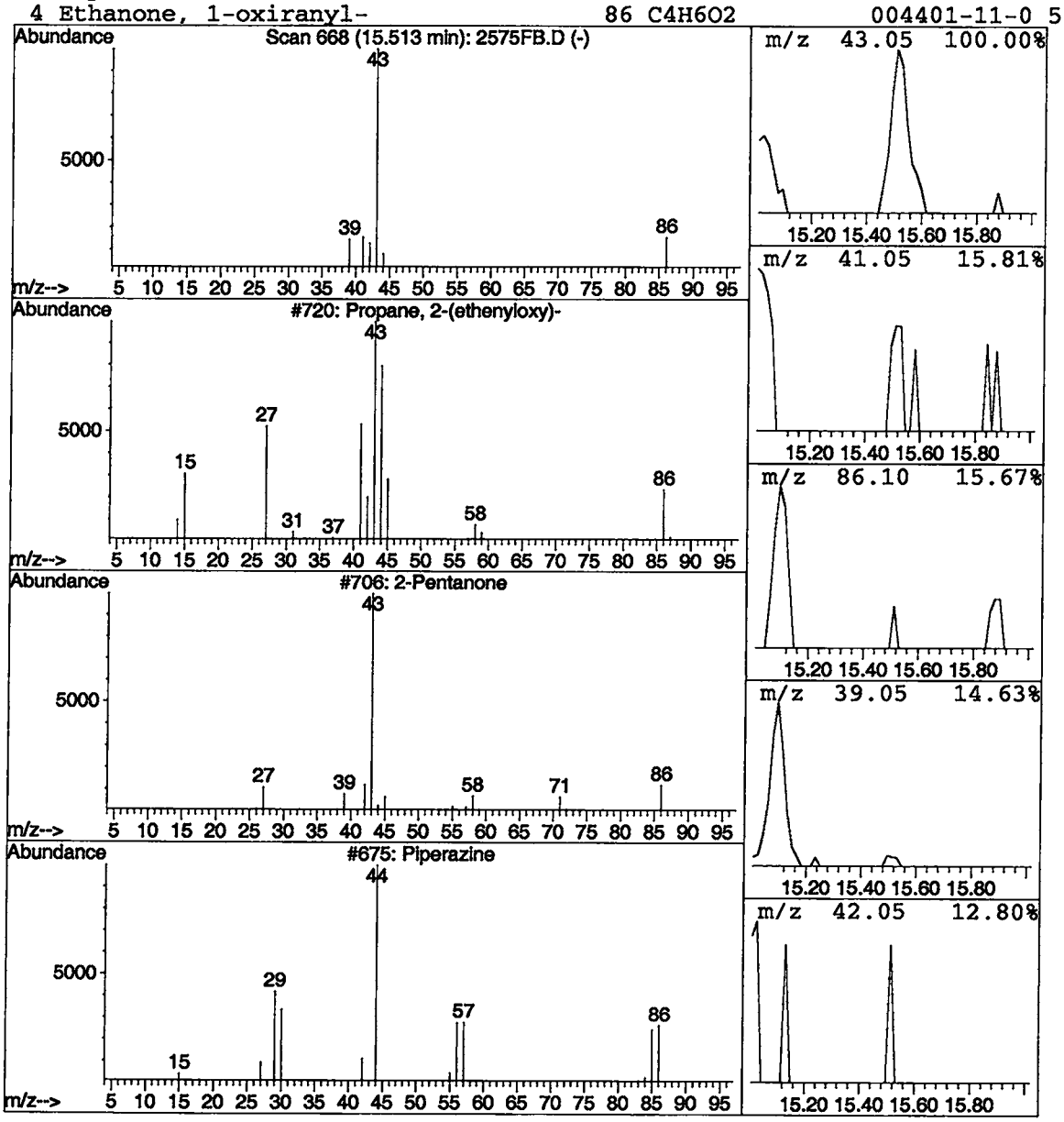
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane, 2-(ethenyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.04 ug/L	40095	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	9
2	2-Pentanone	86	C5H10O	000107-87-9	9
3	Piperazine	86	C4H10N2	000110-85-0	7
4	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	5



Data File : C:\HPCHEM\1\DATA\02feb08\2575FB.D Vial: 15
Acq On : 9 Feb 2002 4:01 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

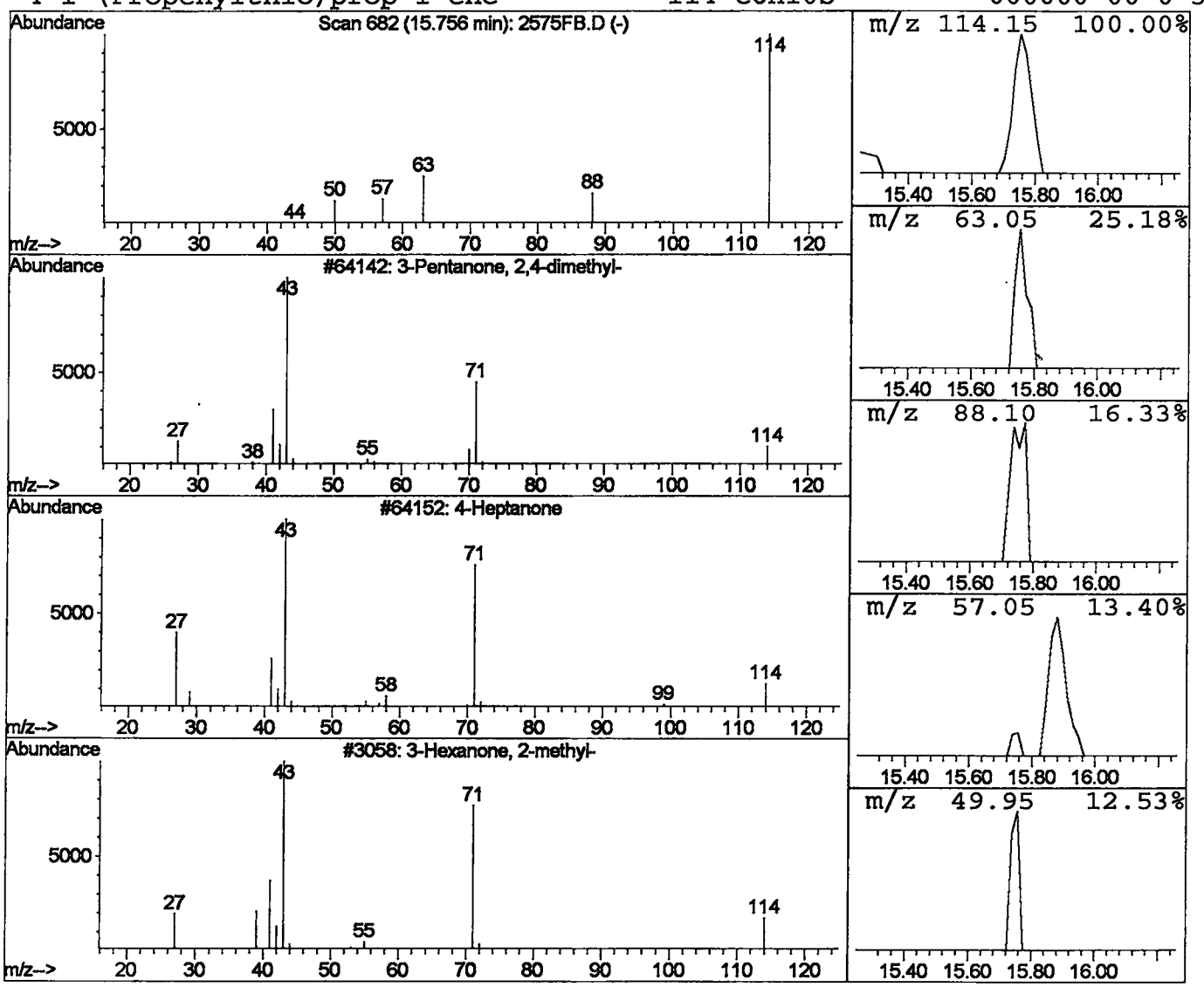
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.04 ug/L	44936	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



Data File : C:\HPCHEM\1\DATA\02FEB08\2575FB.D Vial: 15
Acq On : 9 Feb 2002 4:01 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

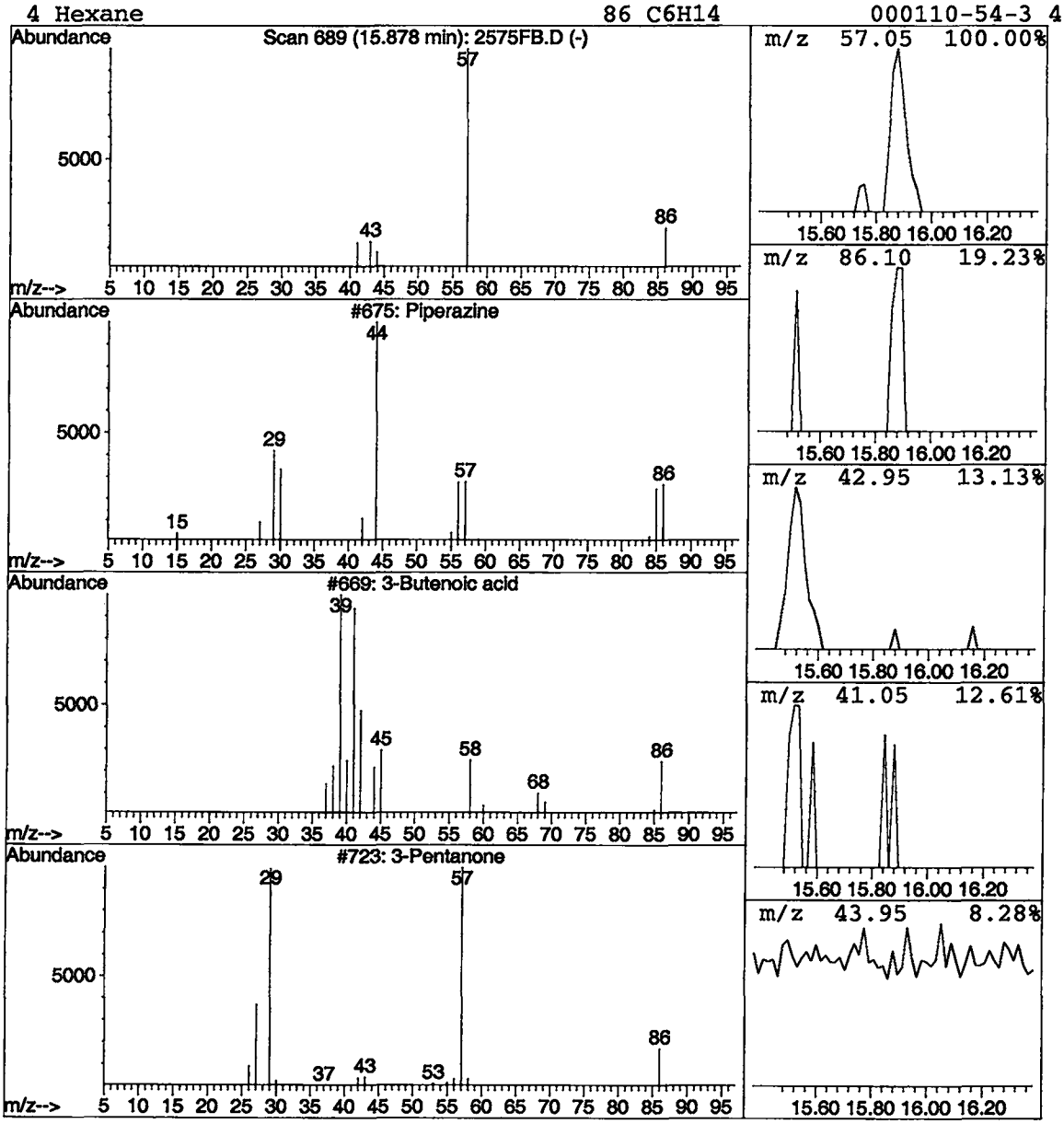
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	31063	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	4
2	3-Butenoic acid	86	C4H6O2	000625-38-7	4
3	3-Pentanone	86	C5H10O	000096-22-0	4
4	Hexane	86	C6H14	000110-54-3	4



Data File : C:\HPCHEM\1\DATA\02feb08\2575FB.D Vial: 15
Acq On : 9 Feb 2002 4:01 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

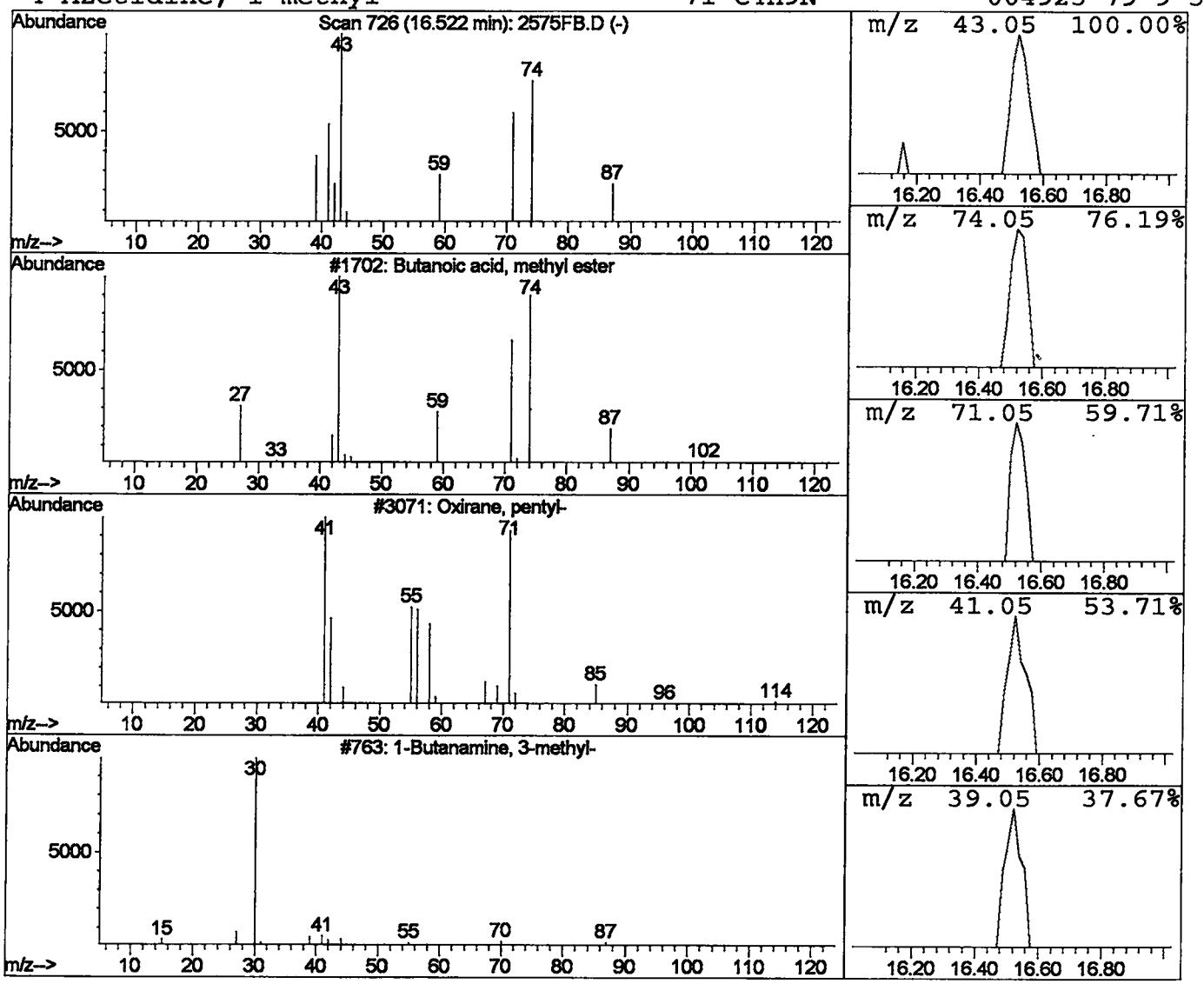
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.05 ug/L	54274	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Oxirane, pentyl-	114	C7H14O	005063-65-0	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 15:01:41

Sample: AE02581
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/09/20 00:04 Ended: 02/09/20 00:04 Analyst: BH
Result source: a:\2581fb.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.3	.5
2	Surr_4-BROMOFLUOROBENZEN		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	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	Chloroform		1.6	.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 (MIBI		< 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

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/14/2002 Time: 15:01:41

Sample: AE02581
Analysis: SF_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 02/09/20 00:04 Ended: 02/09/20 00:04 Analyst: BH
Result source: a:\2581fb.rr
Page: 2

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

Data File : C:\HPCHEM\1\DATA\02FEB08\2581FB.D Vial: 16
Acq On : 9 Feb 2002 4:44 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:43 2002 Quant Results File: HP021102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

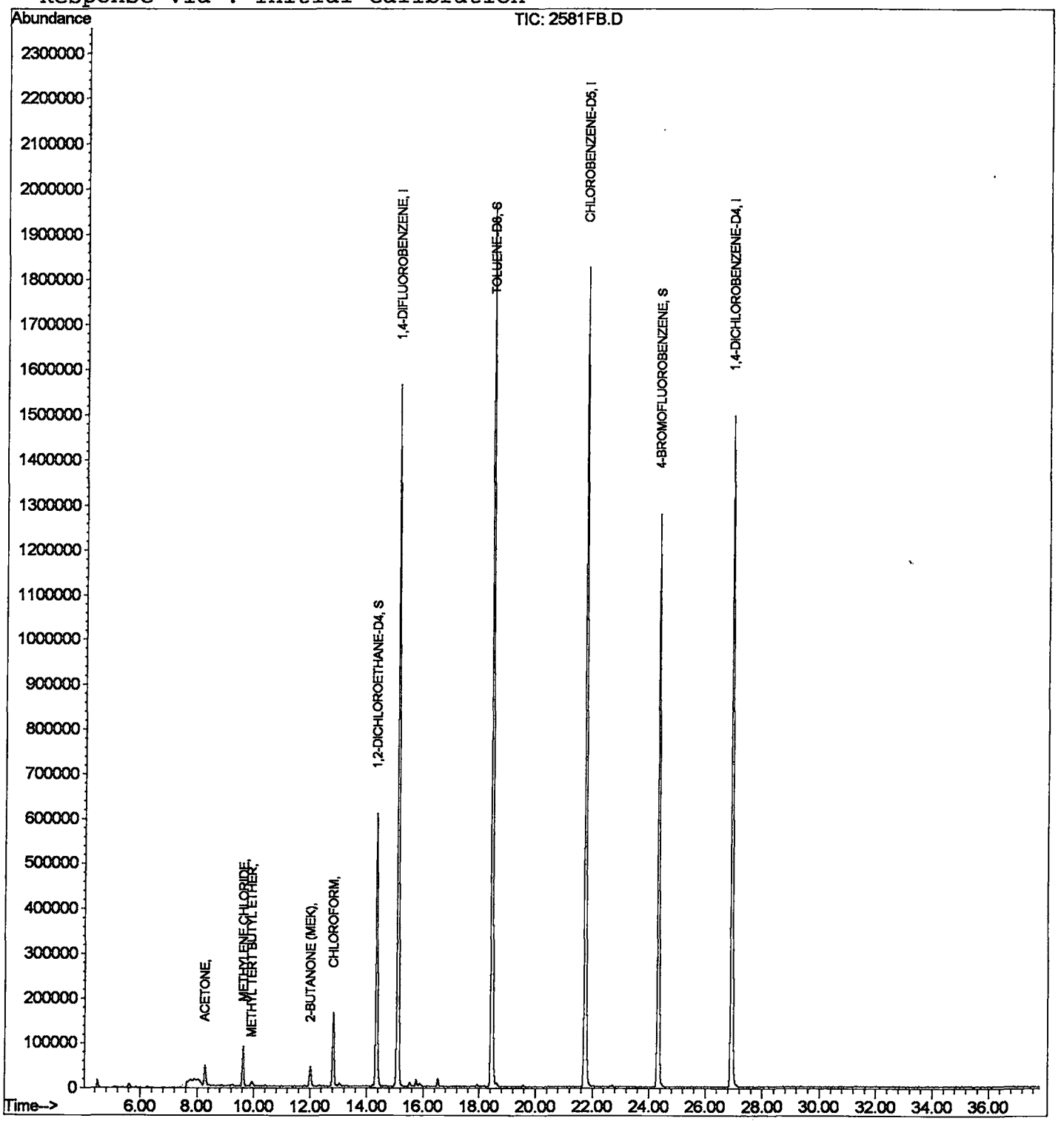
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	2169879	5.00 ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	2078492	5.00 ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.91	152	924409	5.00 ug/L	-0.03
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.33	65	880276	5.33 ug/L	-0.02
Spiked Amount 5.000			Recovery	= 106.60%	
3) 4-BROMOFLUOROBENZENE	24.32	174	743607	4.56 ug/L	-0.03
Spiked Amount 5.000			Recovery	= 91.20%	
25) TOLUENE-D8	18.45	98	2634004	5.11 ug/L	-0.02
Spiked Amount 5.000			Recovery	= 102.20%	
Target Compounds					Qvalue
12) ACETONE	8.27	43	124102	8.32 ug/L	91
14) METHYLENE CHLORIDE	9.63	49	100620	~~0.81 ug/L~~	98
15) METHYL TERT BUTYL ETHER	9.93	73	19389	0.14 ug/L	91
18) 2-BUTANONE (MEK)	12.01	43	128920	~~3.79 ug/L~~	100
21) CHLOROFORM	12.82	83	245841	1.55 ug/L	100

(#) = qualifier out of range (m) = manual integration
2581FB.D HP021102.M Wed Feb 13 09:43:23 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB08\2581FB.D Vial: 16
Acq On : 9 Feb 2002 4:44 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 9:43 2002 Quant Results File: HP021102.RES

Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Feb 11 15:54:13 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02FEB08\2581FB.D Vial: 16
Acq On : 9 Feb 2002 4:44 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

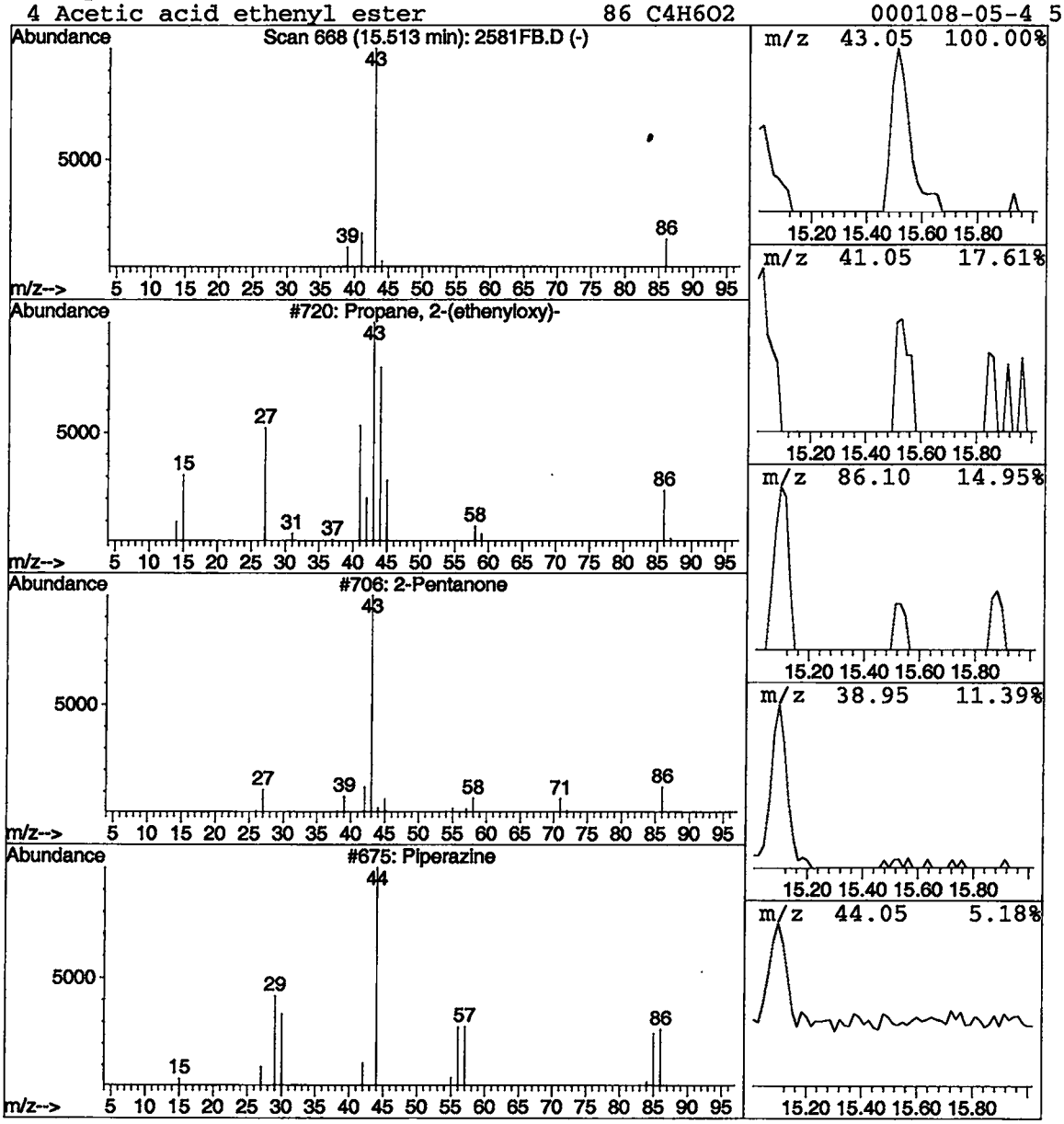
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propane, 2-(ethenyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.03 ug/L	41394	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	74
2	2-Pentanone	86	C5H10O	000107-87-9	9
3	Piperazine	86	C4H10N2	000110-85-0	7
4	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	5



Data File : C:\HPCHEM\1\DATA\02feb08\2581FB.D Vial: 16
Acq On : 9 Feb 2002 4:44 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

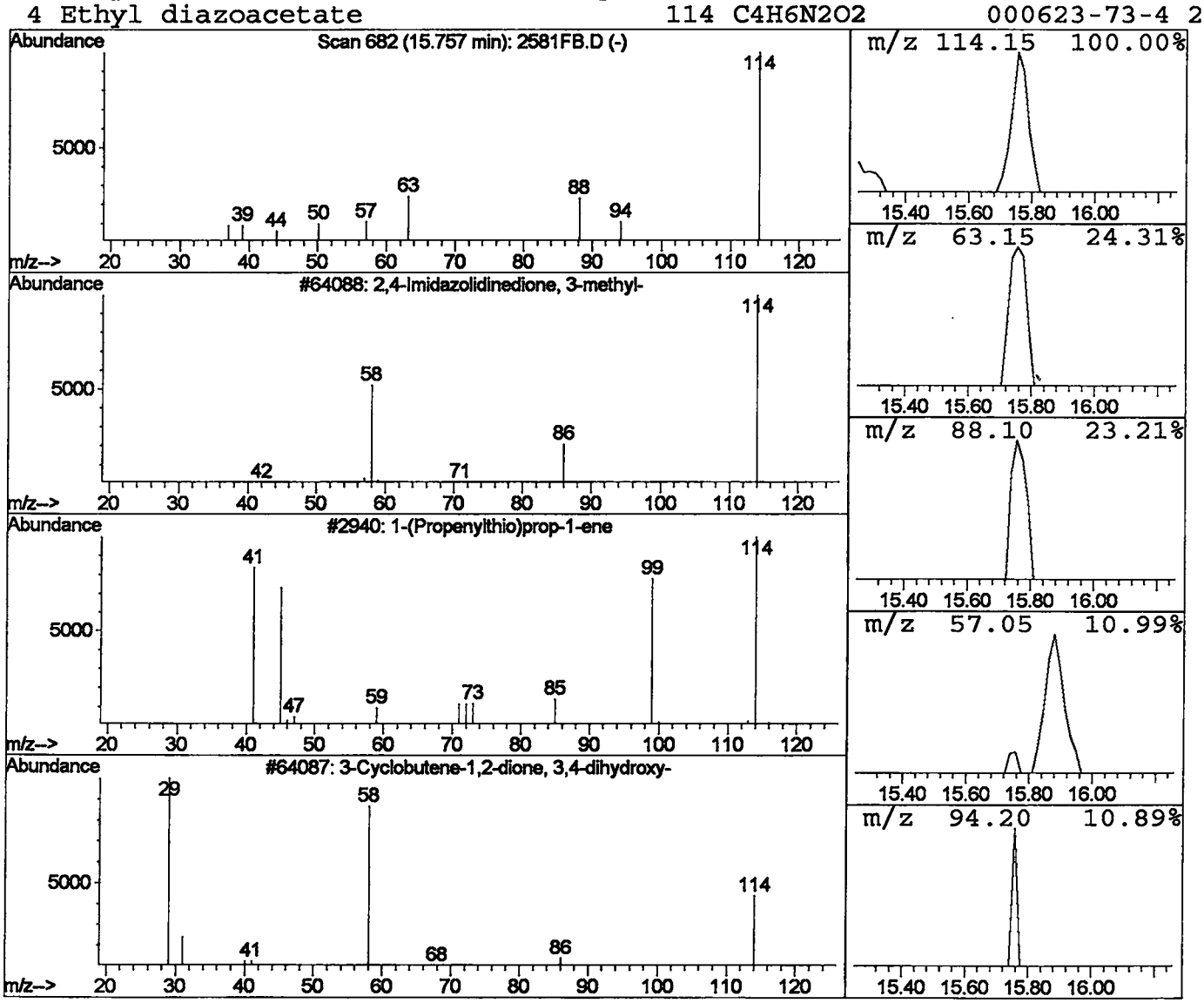
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.04 ug/L	50898	1,4-DIFLUOROBENZENE	15.10

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



Data File : C:\HPCHEM\1\DATA\02FEB08\2581FB.D Vial: 16
Acq On : 9 Feb 2002 4:44 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

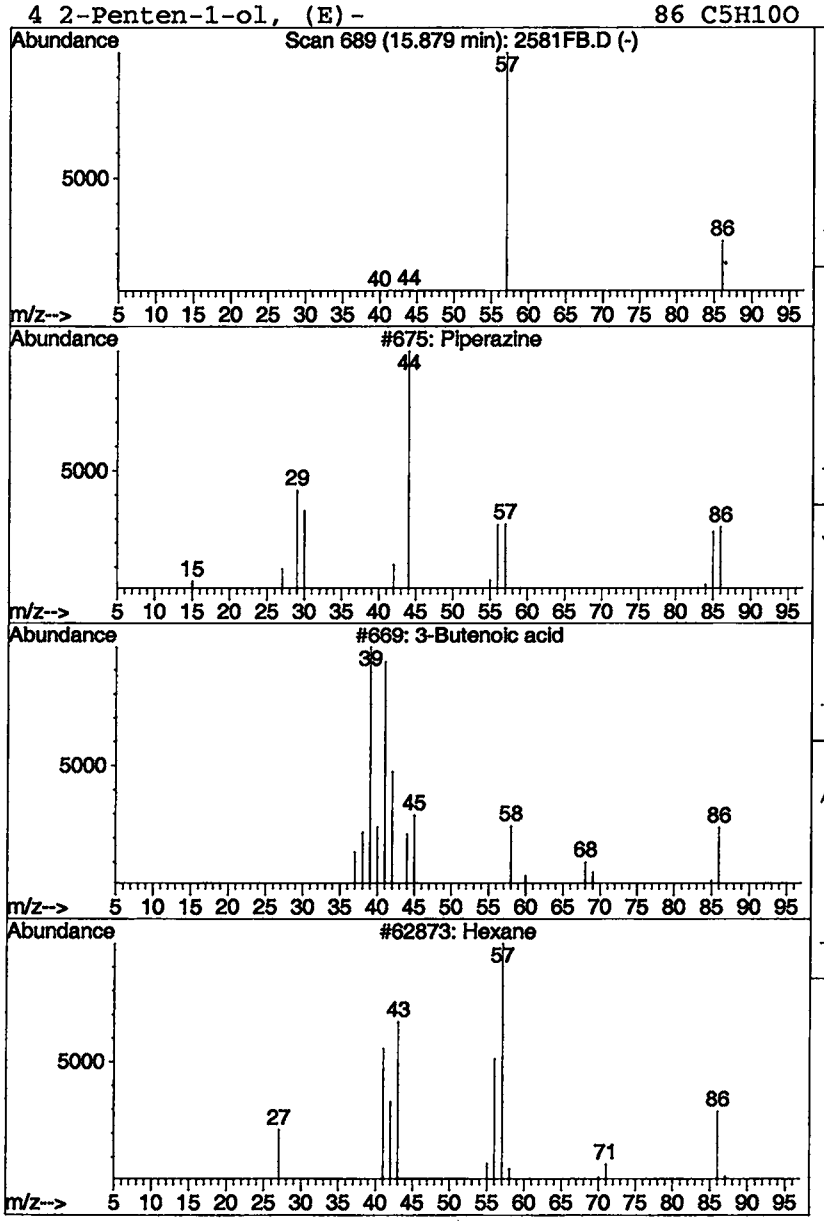
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

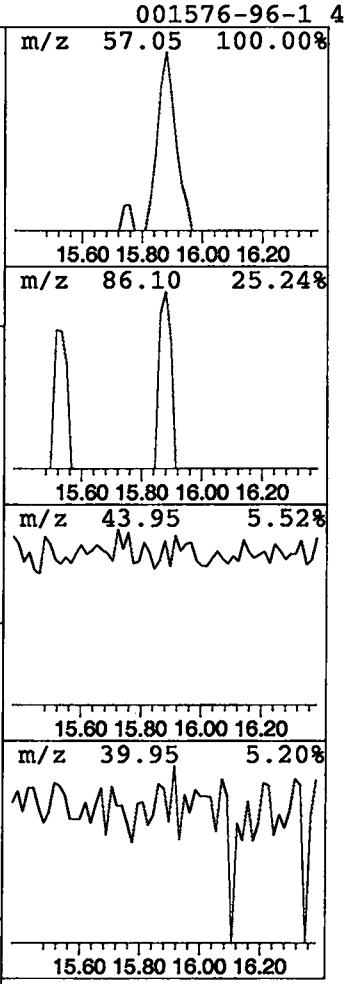
****

Peak Number 1 Piperazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	33006	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	4
2	3-Butenoic acid	86	C4H6O2	000625-38-7	4
3	Hexane	86	C6H14	000110-54-3	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4





Data File : C:\HPCHEM\1\DATA\02feb08\2581FB.D Vial: 16
Acq On : 9 Feb 2002 4:44 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

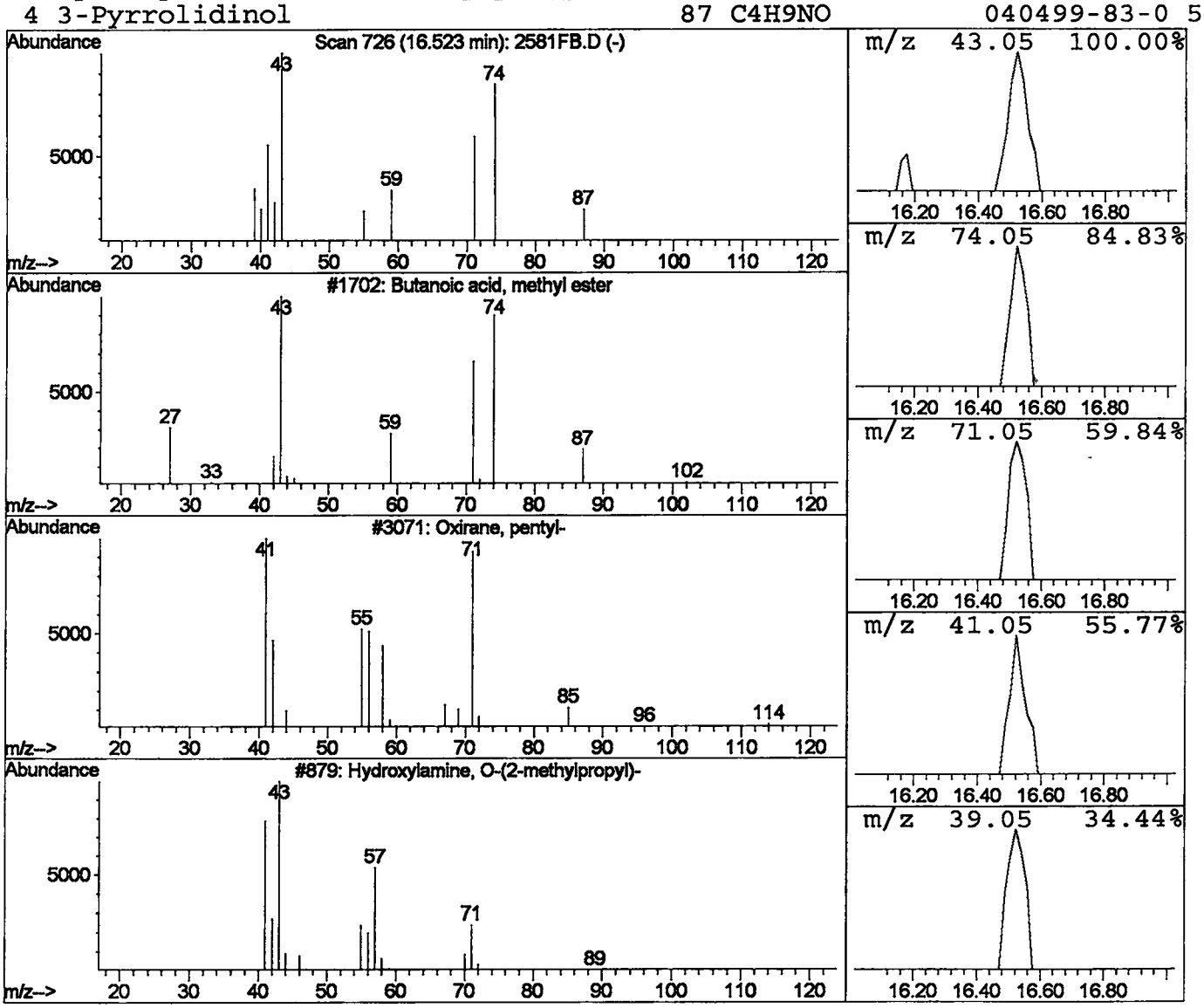
Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.06 ug/L	65247	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Oxirane, pentyl-	114	C7H14O	005063-65-0	9
3	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	9
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 14:34:34

Sample: AE02710
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/9/02 00:05 Ended: 2/9/02 00:05 Analyst: BH
Result source: a:\2710fb.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.2	.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	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		1.0	.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: 02/13/2002 Time: 14:34:34

Sample: AE02710
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/9/02 00:05 Ended: 2/9/02 00:05 Analyst: BH
Result source: a:\2710fb.rr
Page: 2

	Component Name	Vial	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\02feb08\2710FB.D Vial: 17
Acq On : 9 Feb 2002 5:28 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 9 6:06 2002 Quant Results File: HP020502.RES

Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 05 17:16:35 2002
Response via : Initial Calibration
DataAcq Meth : HP020502

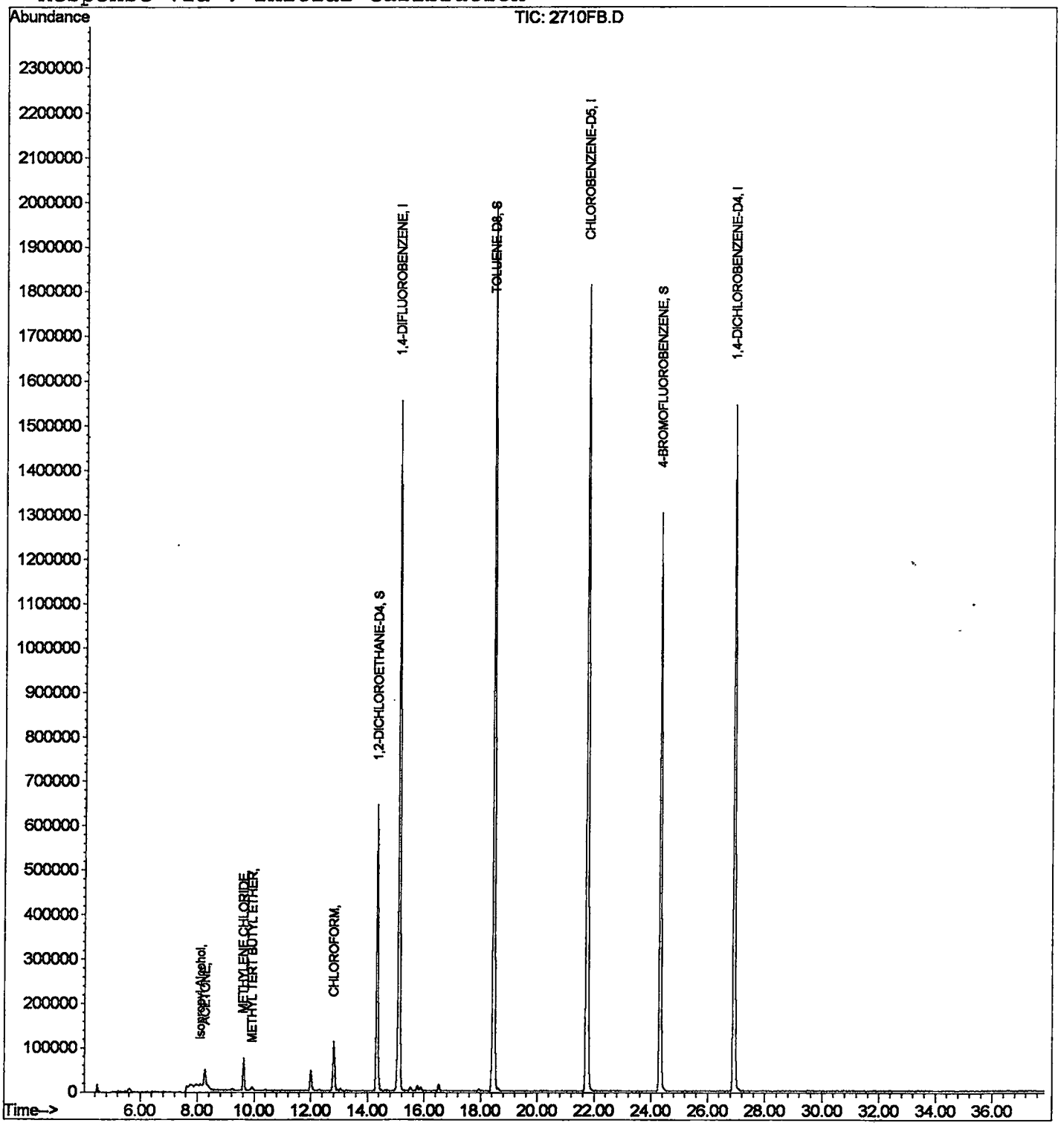
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	2153957	5.00	ug/L	-0.02
24) CHLOROBENZENE-D5	21.74	117	2080923	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.91	152	939856	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.33	65	855181	4.59	ug/L	-0.02
Spiked Amount 5.000			Recovery = 91.80%			
3) 4-BROMOFLUOROBENZENE	24.32	174	748168	4.53	ug/L	-0.03
Spiked Amount 5.000			Recovery = 90.60%			
25) TOLUENE-D8	18.44	98	2644476	5.09	ug/L	-0.03
Spiked Amount 5.000			Recovery = 101.80%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	8.10	45	1482	13.27	ug/L	92
12) ACETONE	8.27	43	118723	8.69	ug/L	96
14) METHYLENE CHLORIDE	9.61	49	82249	~~0.82~~	~~ug/L~~	98
15) METHYL TERT BUTYL ETHER	9.93	73	14591	0.12	ug/L	86
18) 2-BUTANONE (MEK)	12.00	43	131973	-0.30	ug/L	98
21) CHLOROFORM	12.82	83	156786	0.95	ug/L	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb08\2710FB.D Vial: 17
Acq On : 9 Feb 2002 5:28 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 9 6:06 2002 Quant Results File: HP020502.RES

Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 13:18:32 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\02FEB08\2710FB.D Vial: 17
Acq On : 9 Feb 2002 5:28 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

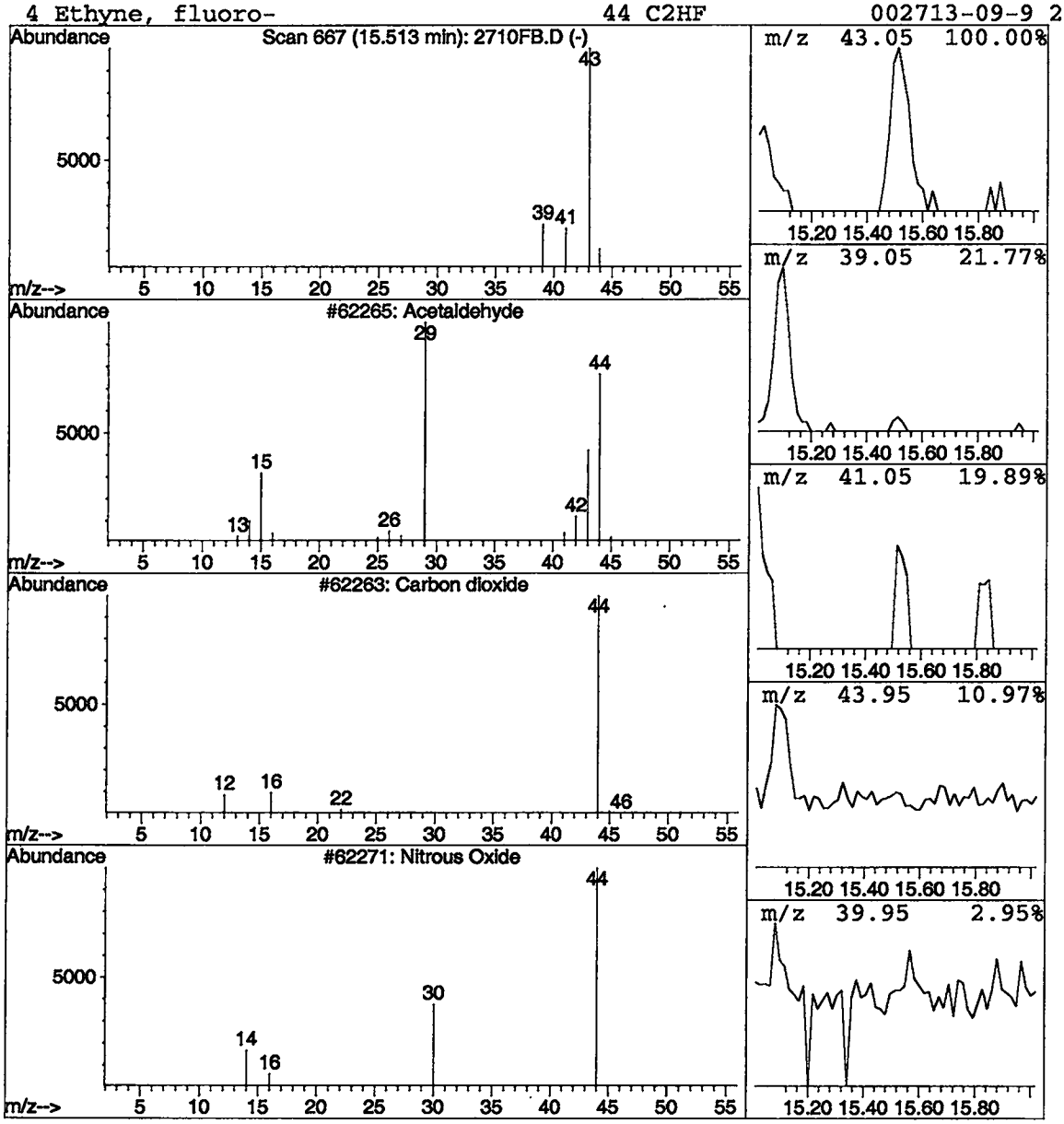
Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	0.03 ug/L	37699	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	2
2	Carbon dioxide	44	CO2	000124-38-9	2
3	Nitrous Oxide	44	N2O	010024-97-2	2
4	Ethyne, fluoro-	44	C2HF	002713-09-9	2



Data File : C:\HPCHEM\1\DATA\02feb08\2710FB.D Vial: 17
Acq On : 9 Feb 2002 5:28 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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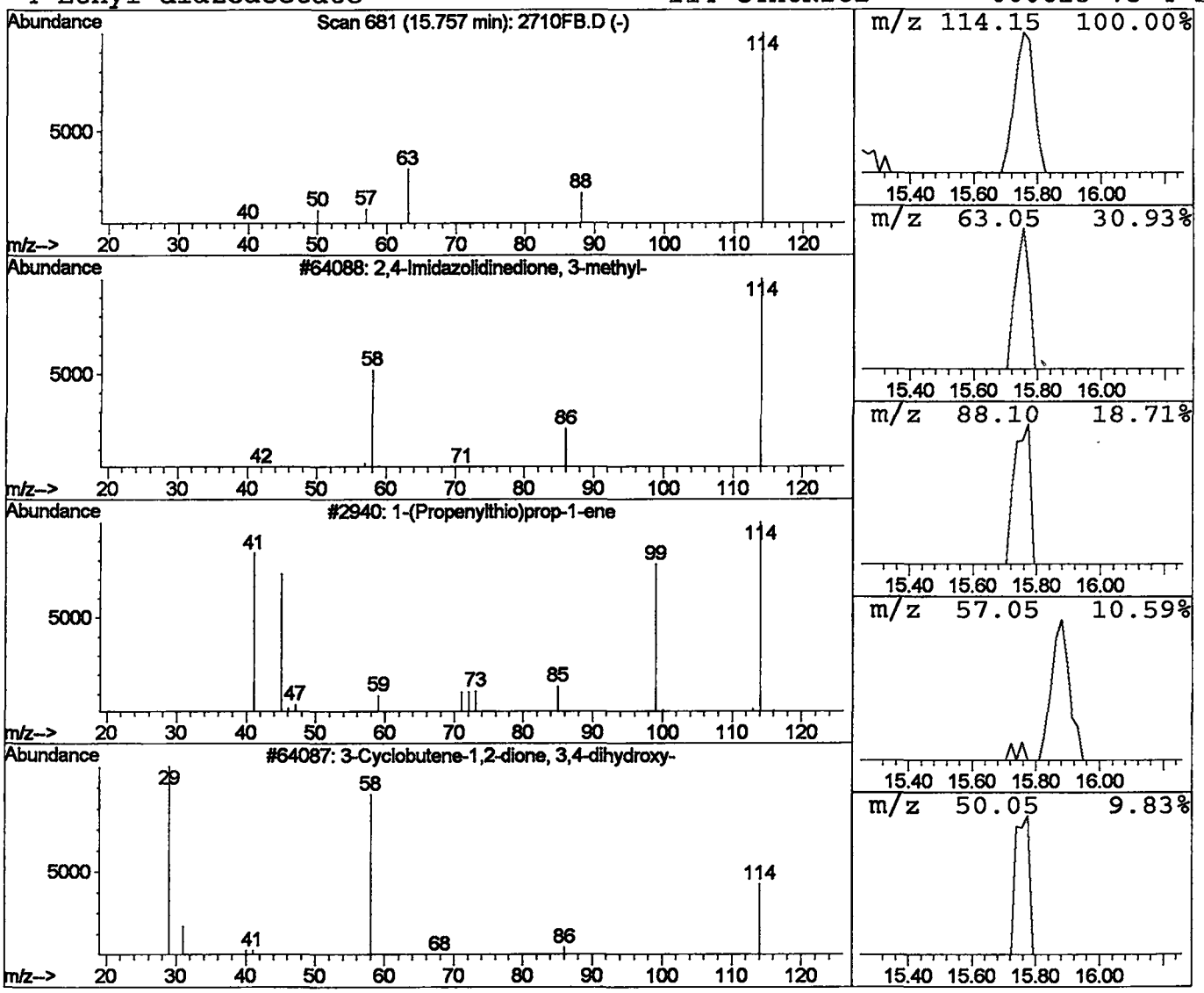
Peak Number 4 2,4-Imidazolidinedione, 3-meth Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	0.04 ug/L	46053	1,4-DIFLUOROBENZENE	15.10

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



Data File : C:\HPCHEM\1\DATA\02FEB08\2710FB.D Vial: 17
Acq On : 9 Feb 2002 5:28 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP021102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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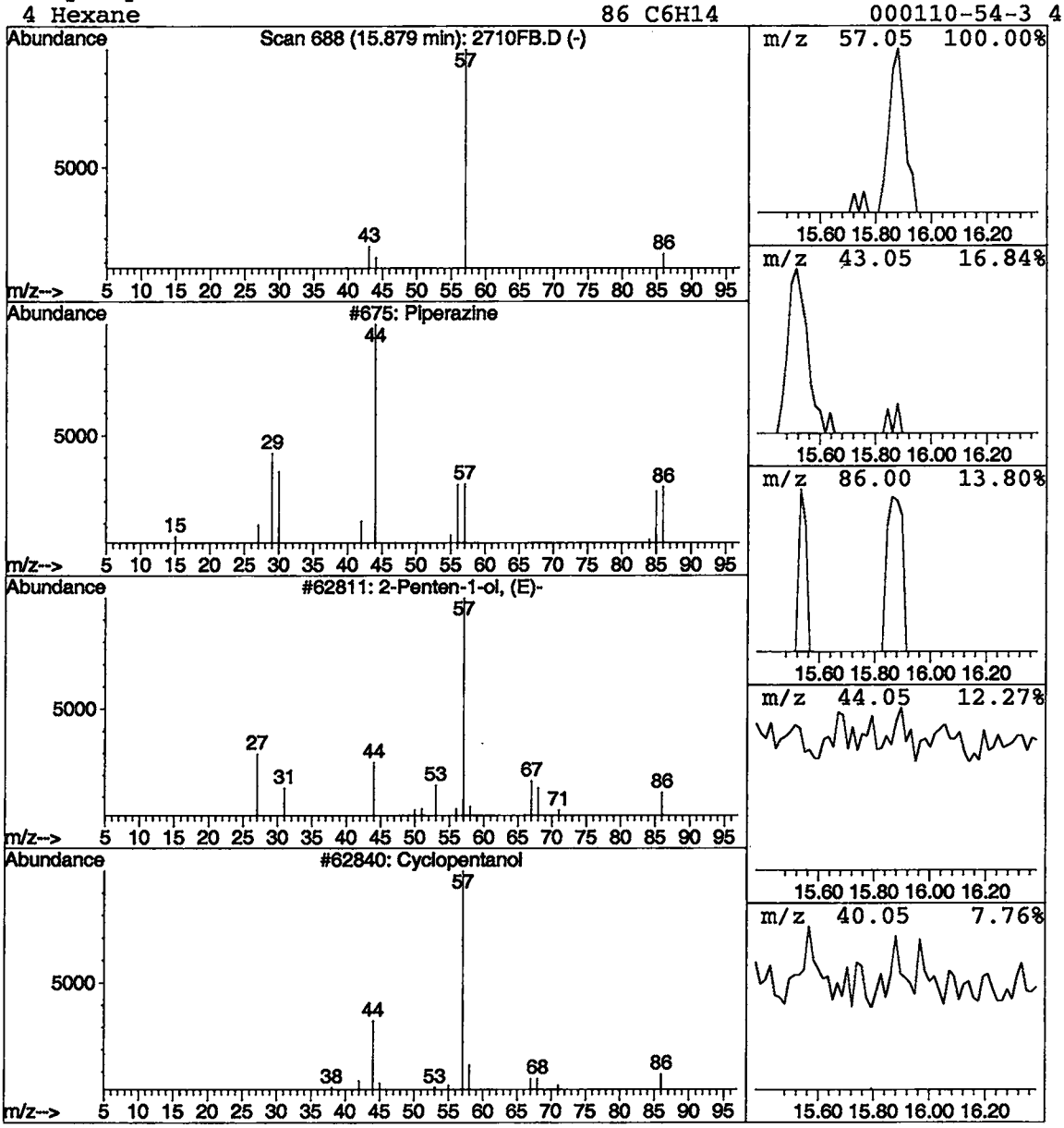
Peak Number 1 Piperazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	0.03 ug/L	34973	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperazine	86	C4H10N2	000110-85-0	4
2	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	4
3	Cyclopentanol	86	C5H10O	000096-41-3	4
4	Hexane	86	C6H14	000110-54-3	4



Data File : C:\HPCHEM\1\DATA\02feb08\2710FB.D Vial: 17
Acq On : 9 Feb 2002 5:28 am Operator: 201-wb
Sample : nyc 524 filed bl Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP020502.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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Peak Number 5 Butanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	0.05 ug/L	58033	1,4-DIFLUOROBENZENE	15.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	64
2	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
3	Hydrazinecarboximidamide	74	CH6N4	000079-17-4	7
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	5