. methylene chloride + 2-butanone
are lab contamination

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:02:26

Sample: AE01938
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/4/02 00:08 Ended: 2/4/02 00:08 Analyst: BH
Result source: a:\0204b1.rr
Page: 1

	Component Name	Vial	Result
1	Surr - 1,2-DICHLOROETHANE-		5.1 ✓
2	Surr - 4-BROMOFLUOROBENZ		4.5 ✓
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		2.1
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.56
12	METHYL TERT BUTYL ETHER		0.11
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		5.1
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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:02:26

Sample: AE01938
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/4/02 00:08 Ended: 2/4/02 00:08 Analyst: BH
Result source: a:\0204b1.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\0204B1.D Vial: 1
Acq On : 4 Feb 2002 8:58 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 9:37 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1675310	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.80	117	1513138	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.98	152	726023	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	745112	5.14	ug/L	0.03
Spiked Amount 5.000			Recovery = 102.80%			
3) 4-BROMOFLUOROBENZENE	24.39	174	572237	4.45	ug/L	0.03
Spiked Amount 5.000			Recovery = 89.00%			
25) TOLUENE-D8	18.51	98	1884521	4.99	ug/L	0.03
Spiked Amount 5.000			Recovery = 99.80%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.89	45	5461	62.85	ug/L	58
12) ACETONE	8.29	43	19286	2.13	ug/L	88
14) METHYLENE CHLORIDE	9.65	49	43934	0.56	ug/L	97
15) METHYL TERT BUTYL ETHER	9.98	73	10506	0.11	ug/L	84
18) 2-BUTANONE (MEK)	12.05	43	107669	5.07	ug/L	99

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

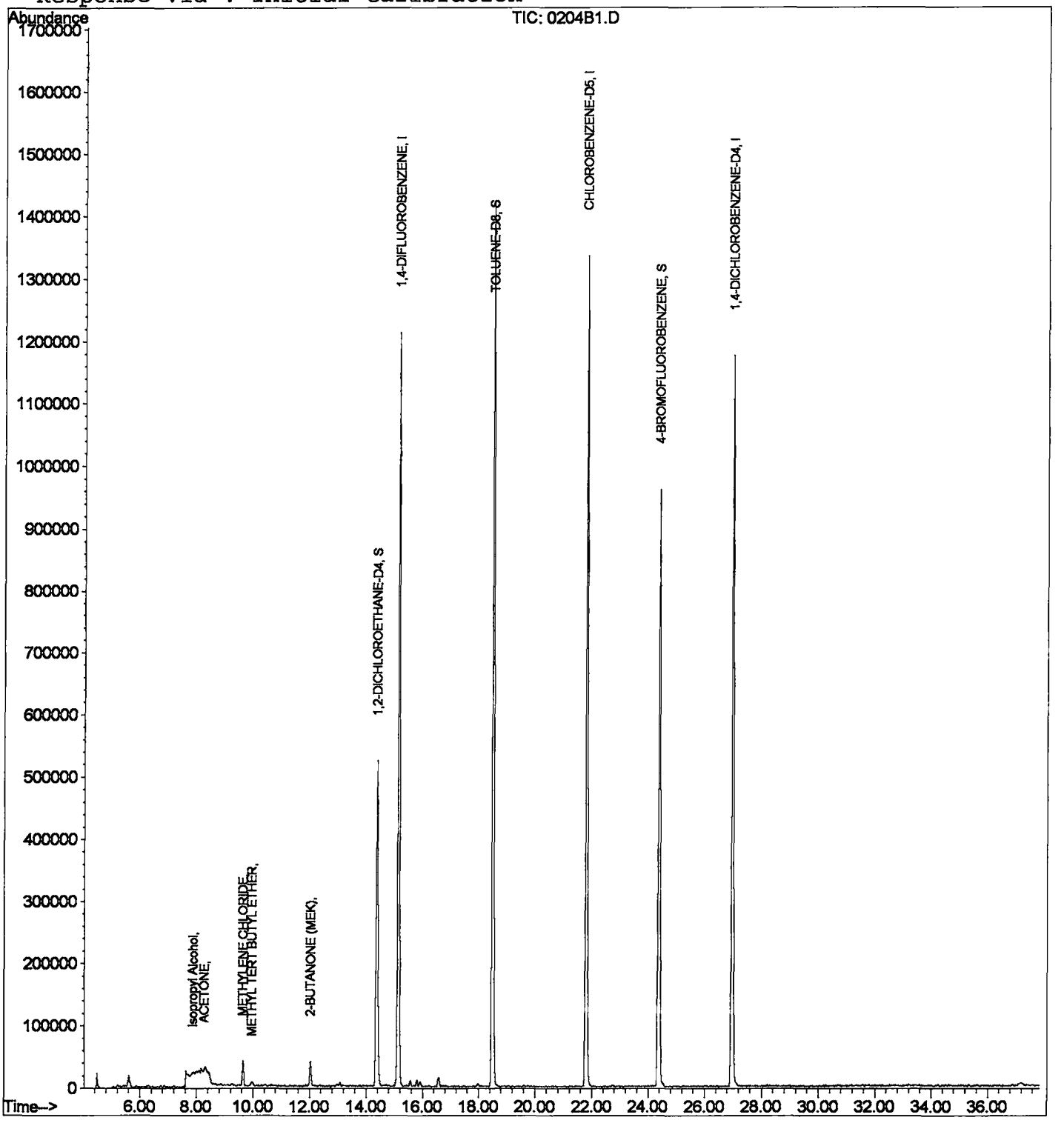
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\0204B1.D
Acq On : 4 Feb 2002 8:58 am
Sample : lab blank 1
Misc : February 4, 2002
MS Integration Params: LSCINT.P
Quant Time: Feb 4 9:37 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\0204B1.D
Acq On : 4 Feb 2002 8:58 am
Sample : lab blank 1
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

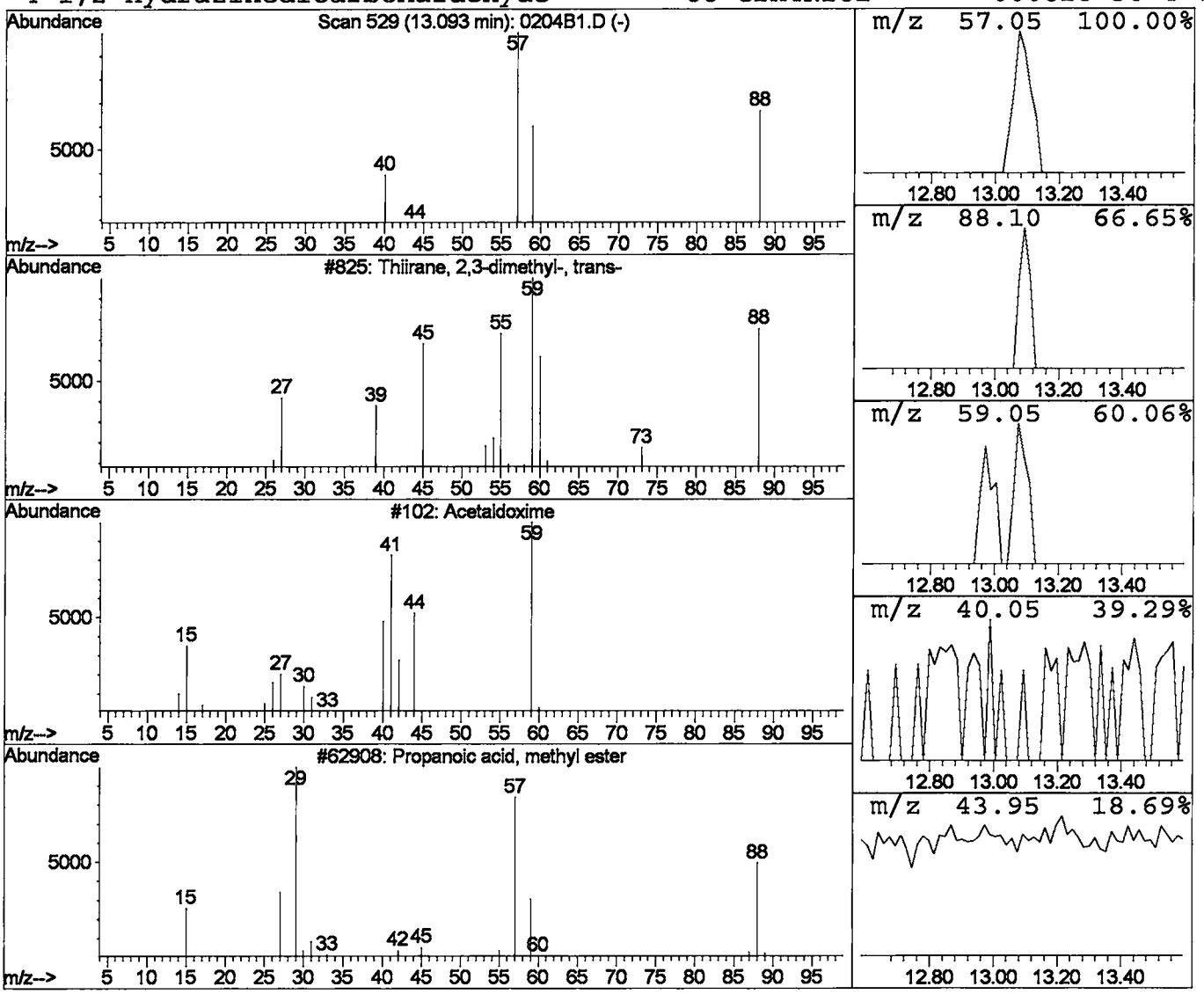
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Thiirane, 2,3-dimethyl-, trans Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	0.02 ug/L	21454	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiirane, 2,3-dimethyl-, trans-	88	C4H8S	005955-98-6	5
2	Acetaldoxime	59	C2H5NO	000107-29-9	5
3	Propanoic acid, methyl ester	88	C4H8O2	000554-12-1	4
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\0204B1.D Vial: 1
Acq On : 4 Feb 2002 8:58 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

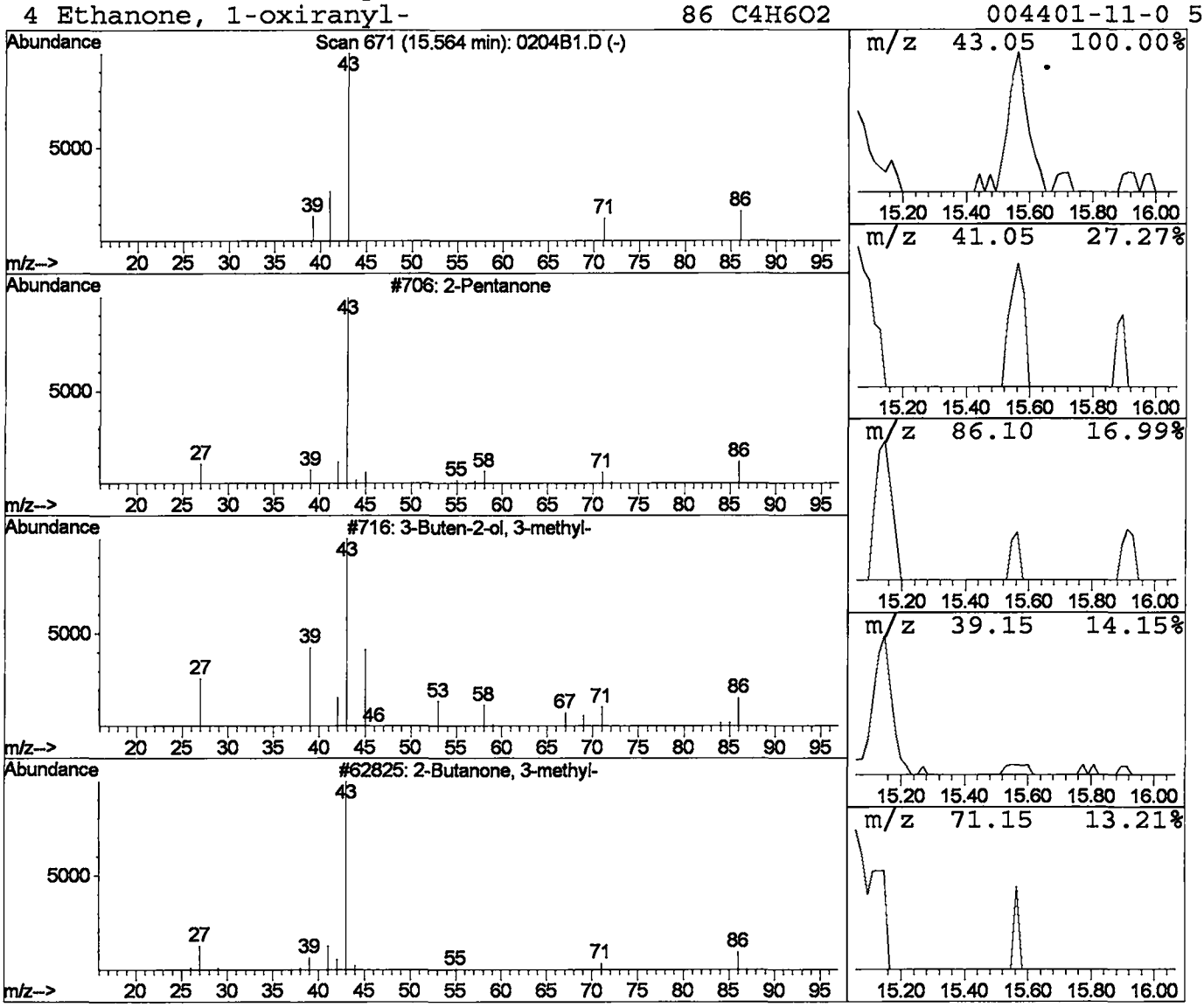
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	0.04 ug/L	34524	1,4-DIFLUOROBENZENE	15.15

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	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	5
4	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\0204B1.D
Acq On : 4 Feb 2002 8:58 am
Sample : lab blank 1
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

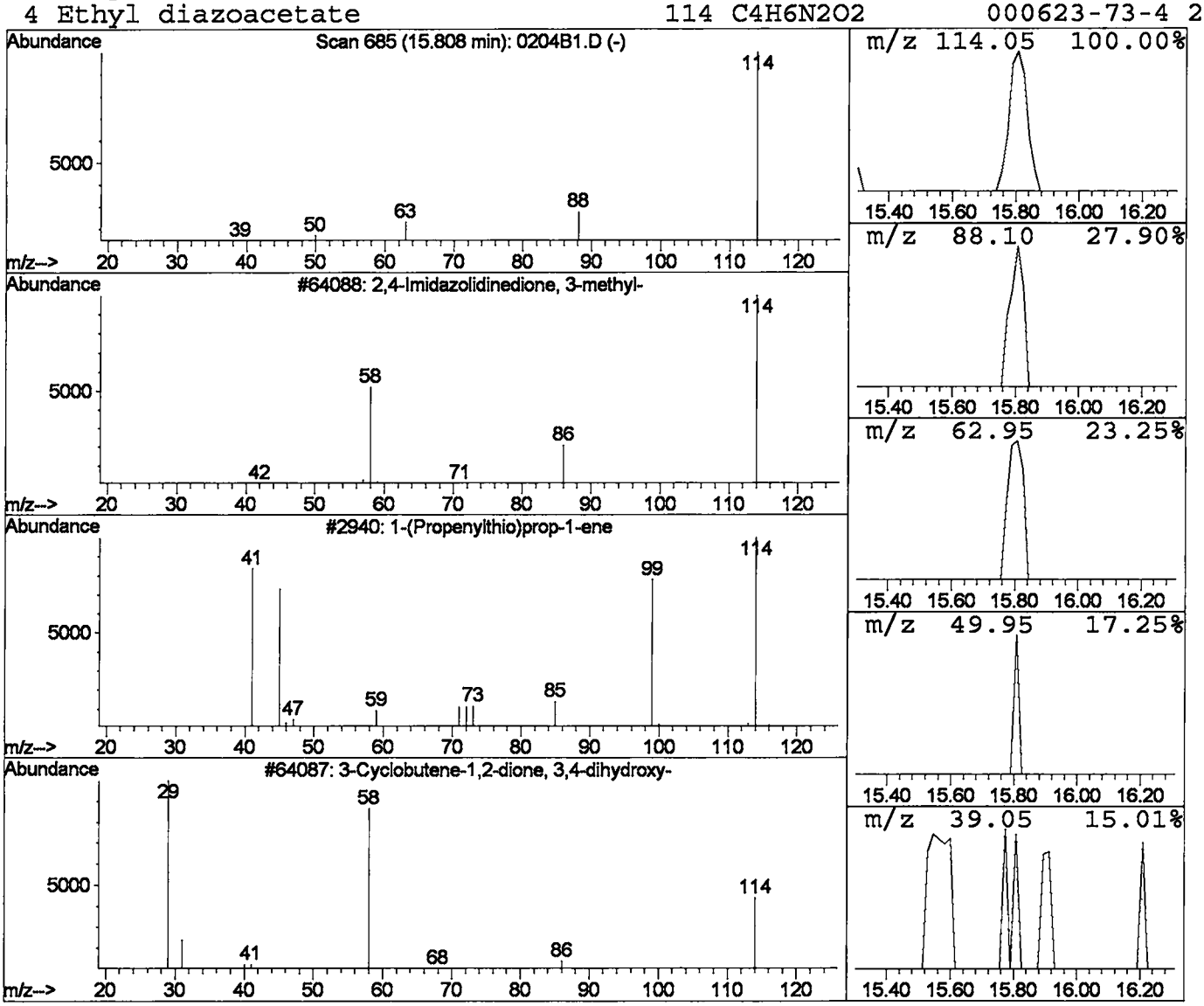
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	0.04 ug/L	39256	1,4-DIFLUOROBENZENE	15.15

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\02FEB04\0204B1.D Vial: 1
Acq On : 4 Feb 2002 8:58 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

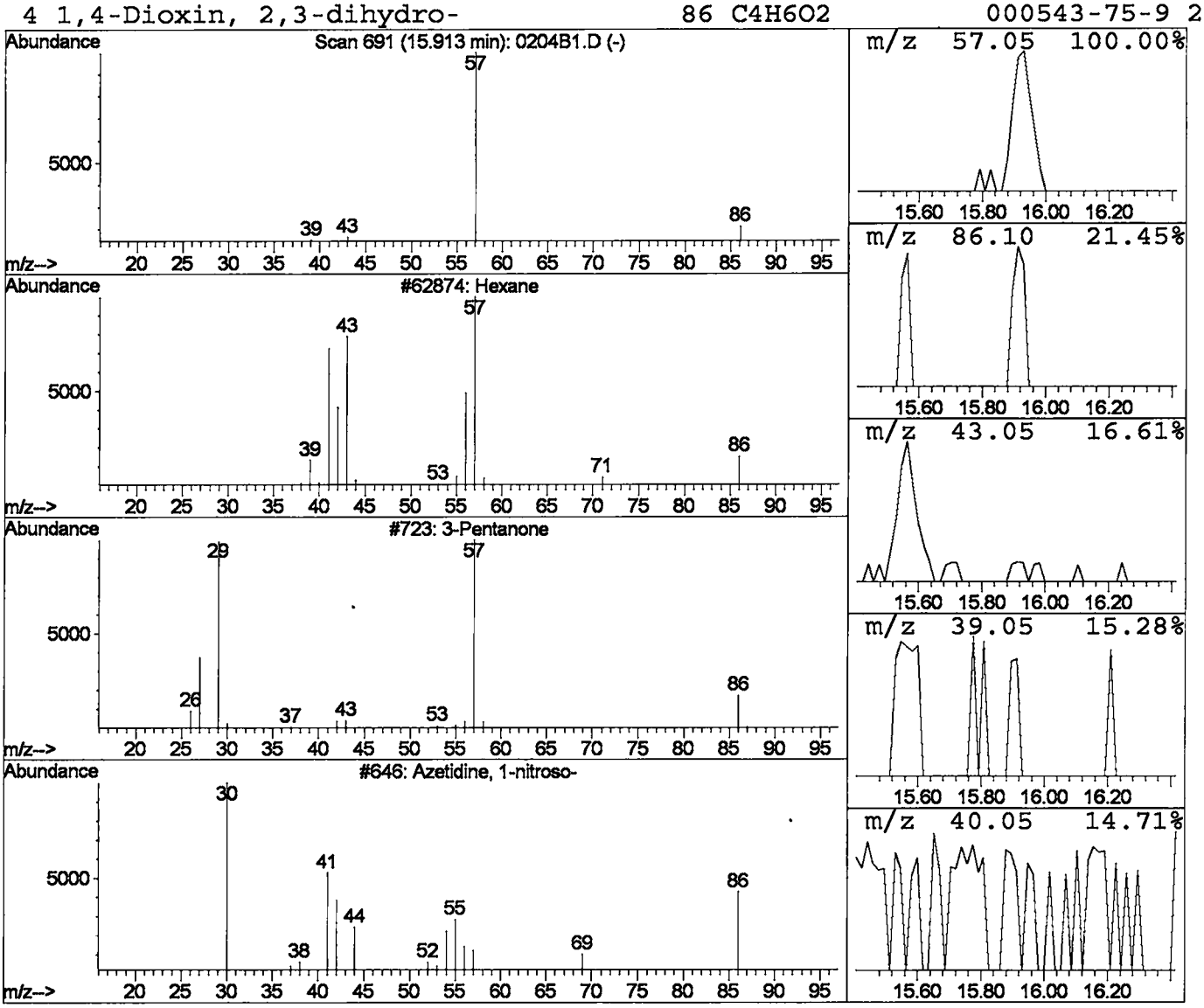
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Hexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	0.04 ug/L	37441	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	5
2	3-Pentanone	86	C5H10O	000096-22-0	4
3	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	2
4	1,4-Dioxin, 2,3-dihydro-	86	C4H6O2	000543-75-9	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\0204B1.D Vial: 1
Acq On : 4 Feb 2002 8:58 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

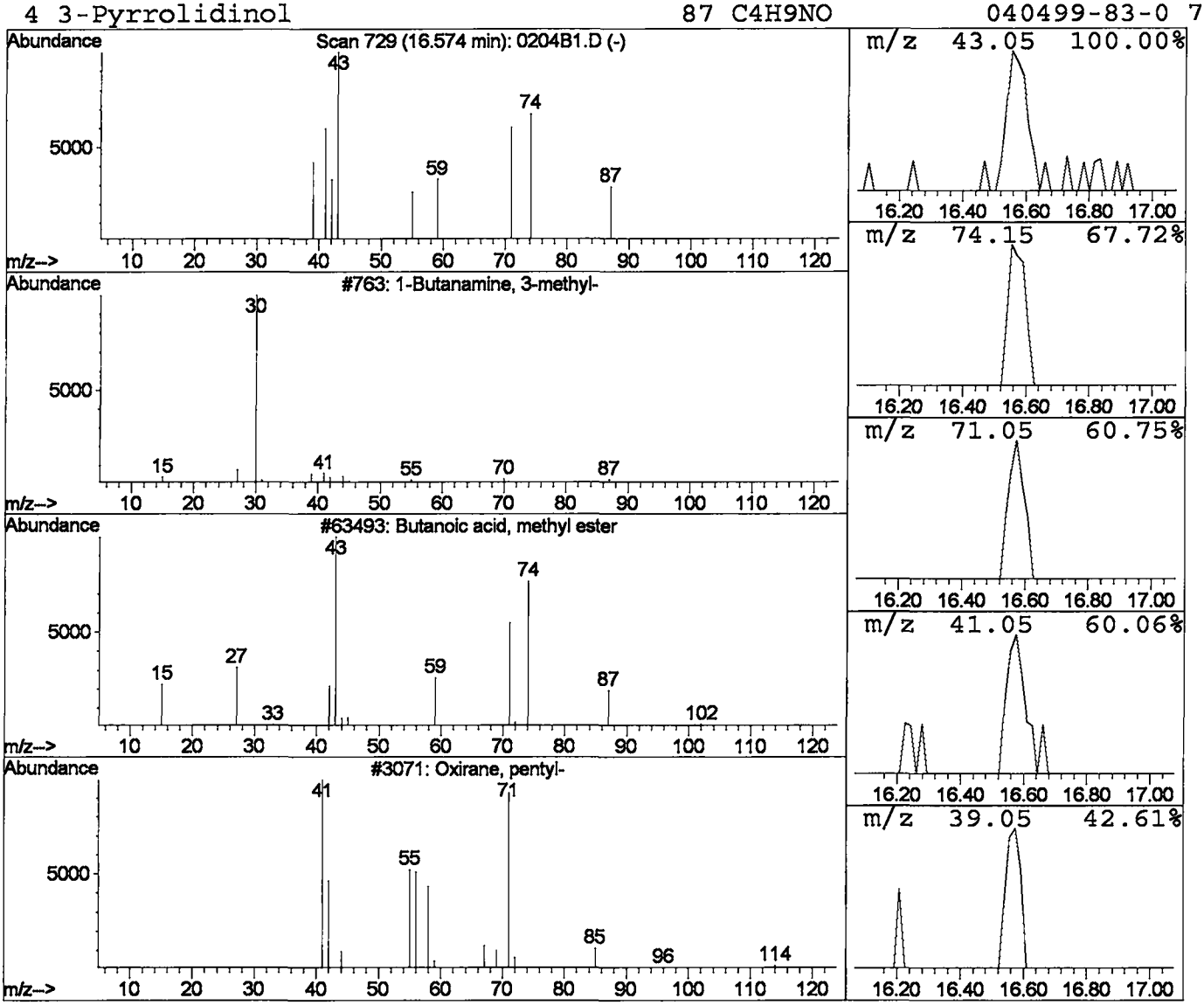
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 1-Butanamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	0.06 ug/L	56349	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	9
3	Oxirane, pentyl-	114	C7H14O	005063-65-0	9
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	7



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/12/2002 Time: 13:22:33

Sample: AE01938
Analysis: SC1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 02/04/02 00:09 Ended: 02/04/02 00:09 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D4		5.0	.5
2	Surr_4-BROMOFLUOROBENZEN		4.4	.5
3	Dichlorodifluoromethane	USPEC	21	.5
4	Chloromethane		12	.5
5	Vinyl chloride	USPEC	14	.5
6	Bromomethane		9.3	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		10	.5
9	1,1-Dichloroethene		12	.5
10	Methylene Chloride		12	.5
11	Methyl tert-butyl ether		12	1.0
12	trans-1,2-dichloroethene		12	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		16	2.0
15	2,2-dichloropropane		12	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		11	.5
18	Bromochloromethane		11	.5
19	1,2-dichloroethane		11	.5
20	Surr_TOLUENE-D8		5.5	.5
21	1,1,1- trichloroethane		12	.5
22	1,1-dichloropropene		13	.5
23	Carbon tetrachloride		12	.5
24	Benzene		12	.5
25	Trichloroethene		12	.5
26	1,2-dichloropropane		12	.5
27	Dibromomethane		12	.5
28	Bromodichloromethane		12	.5
29	Methyl iso-butyl ketone		12	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		12	.5
32	trans-1,3-dichloropropene		12	.5
33	1,1,2-trichloroethane		12	.5
34	Tetrachloroethene		12	.5
35	1,3-dichloropropane		12	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		11	.5
38	1,1,1,2-tetrachloroethane		10	.5
39	Ethylbenzene		11	.5
40	P & M-xylene		22	.5
41	O-xylene		11	.5
42	Styrene		11	.5
43	1,1,2,2-tetrachloroethane		12	.5
44	Bromoform		9.6	2.0
45	Isopropylbenzene		11	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		11	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/12/2002 Time: 13:22:33

Sample: AE01938
Analysis: SC1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 02/04/02 00:09 Ended: 02/04/02 00:09 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		10	.5
49	1,3,5-trimethylbenzene		11	.5
50	2-chlorotoluene		11	.5
51	4-chlorotoluene		9.8	.5
52	TERT-butylbenzene		11	.5
53	1,2,4-trimethylbenzene		11	.5
54	SEC-butylbenzene		11	.5
55	P-isopropyltoluene		11	.5
56	1,3-dichlorobenzene		11	.5
57	1,4-dichlorobenzene		11	.5
58	N-butylbenzene		11	.5
59	1,2-dichlorobenzene		11	.5
60	1,2,4-trichlorobenzene		11	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene		10	.5
63	1,2,3-trichlorobenzene		10	.5
64	Nitrobenzene		170	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\0204C10.D Vial: 2
Acq On : 4 Feb 2002 9:41 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 10:19 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1630120	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	1451013	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.98	152	692778	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	711049	5.04	ug/L	0.04
Spiked Amount 5.000			Recovery =	100.80%		
3) 4-BROMOFLUOROBENZENE	24.39	174	544195	4.35	ug/L	0.04
Spiked Amount 5.000			Recovery =	87.00%		
25) TOLUENE-D8	18.51	98	2007284	5.54	ug/L	0.04
Spiked Amount 5.000			Recovery =	110.80%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	571401	20.51	ug/L	99
5) CHLOROMETHANE	5.52	50	378907	11.68	ug/L	99
6) VINYL CHLORIDE	5.61	62	223767	13.52	ug/L	100
7) BROMOMETHANE	6.61	94	221264	9.33	ug/L	98
8) CHLOROETHANE	6.75	64	226796	10.84	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.32	101	502277	10.26	ug/L	95
10) Isopropyl Alcohol	7.92	45	6119	72.38	ug/L	63
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	455452	12.52	ug/L	91
12) ACETONE	8.29	43	125466	14.27	ug/L	90
13) 1,1-DICHLOROETHENE	8.64	61	917565	11.98	ug/L	97
14) METHYLENE CHLORIDE	9.65	49	940890	12.41	ug/L	98
15) METHYL TERT BUTYL ETHER	9.96	73	1177503	12.36	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.33	61	1085157	11.69	ug/L	99
17) 1,1-DICHLOROETHANE	11.21	63	1265537	11.31	ug/L	99
18) 2-BUTANONE (MEK)	12.05	43	338564	16.38	ug/L	99
19) 2,2-DICHLOROPROPANE	12.43	77	1137512	12.14	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.52	96	763655	11.40	ug/L	100
21) CHLOROFORM	12.87	83	1356161	10.88	ug/L	99
22) BROMOCHLOROMETHANE	13.25	49	609415	11.36	ug/L	90
23) 1,2-DICHLOROETHANE	14.59	62	967061	11.00	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.76	97	1108594	12.05	ug/L	99
27) 1,1-DICHLOROPROPENE	14.09	75	1042483	12.69	ug/L	98
28) CARBON TETRACHLORIDE	14.35	117	913916	12.20	ug/L	99
29) BENZENE	14.68	78	2511130	12.40	ug/L	100
30) TRICHLOROETHENE	15.97	95	809196	12.02	ug/L	97
31) 1,2-DICHLOROPROPANE	16.31	63	722442	12.22	ug/L	97
32) DIBROMOMETHANE	16.99	174	363696	11.51	ug/L	98
33) BROMODICHLOROMETHANE	16.84	83	1032486	11.59	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\0204C10.D Vial: 2
Acq On : 4 Feb 2002 9:41 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 10:19 2002 Quant Results File: HP013102.RES

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

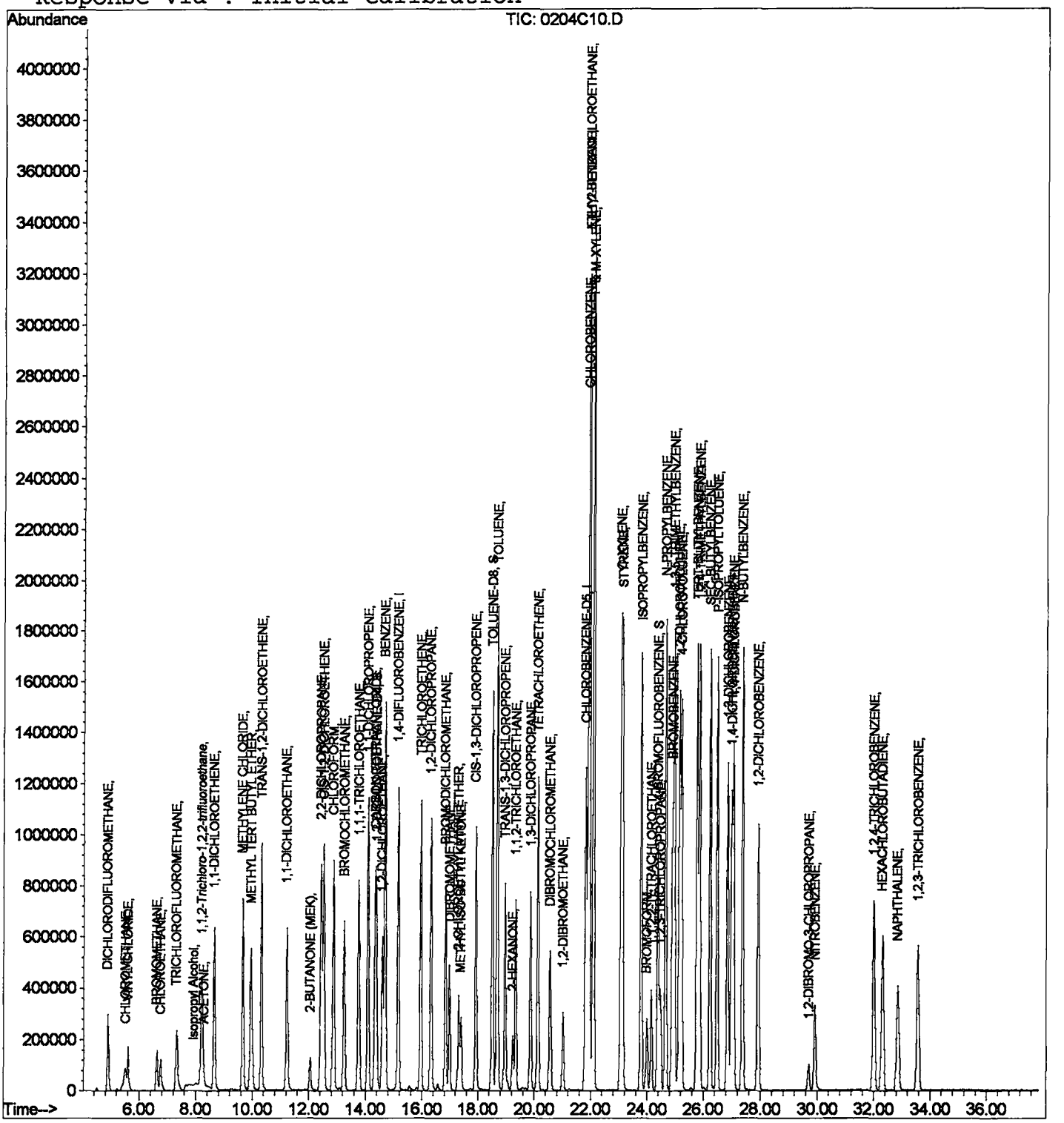
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	2-CHLOROETHYL VINYL ETHER	17.31	63	305367	12.13 ug/L	98
35)	METHYL ISO-BUTYL KETONE	17.39	58	156116	11.87 ug/L	97
36)	CIS-1,3-DICHLOROPROPENE	17.92	75	1100644	12.10 ug/L	97
37)	TOLUENE	18.68	91	2677758	11.94 ug/L	100
38)	TRANS-1,3-DICHLOROPROPENE	18.96	75	837124	11.83 ug/L	99
39)	1,1,2-TRICHLOROETHANE	19.34	97	459097	11.82 ug/L	98
40)	TETRACHLOROETHENE	20.13	166	749043	11.83 ug/L	96
41)	1,3-DICHLOROPROPANE	19.86	76	889063	12.21 ug/L	99
42)	DIBROMOCHLOROMETHANE	20.56	129	594427	11.13 ug/L	96
43)	1,2-DIBROMOETHANE	21.01	107	469359	10.79 ug/L	96
44)	CHLOROBENZENE	21.90	112	1574112	10.75 ug/L	97
45)	1,1,1,2-TETRACHLOROETHANE	21.94	131	561195	10.31 ug/L	99
46)	2-HEXANONE	19.24	43	308928	12.47 ug/L	97
47)	ETHYLBENZENE	21.94	91	2907511	11.05 ug/L	99
48)	P & M-XYLENE	22.09	106	1975444	22.40 ug/L	98
49)	O-XYLENE	23.07	91	2329176	10.77 ug/L	98
50)	STYRENE	23.12	104	1665291	11.04 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.15	83	474154	12.30 ug/L	98
53)	BROMOFORM	23.99	173	284154	9.60 ug/L	96
54)	ISOPROPYLBENZENE	23.80	105	2619280	10.80 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.48	110	138870	10.68 ug/L	98
56)	N-PROPYLBENZENE	24.65	91	3395325	11.10 ug/L	99
57)	BROMOBENZENE	24.91	156	648427	10.38 ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.96	105	2244522	10.81 ug/L	97
59)	2-CHLOROTOLUENE	25.14	91	2118404	10.50 ug/L	98
60)	4-CHLOROTOLUENE	25.21	91	2035216	11.13 ug/L	100
61)	TERT-BUTYLBENZENE	25.77	119	2027844	10.92 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.85	105	2336492	10.80 ug/L	98
63)	SEC-BUTYLBENZENE	26.22	105	2869730	11.38 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.48	119	2176393	11.15 ug/L	99
65)	1,3-DICHLOROBENZENE	26.84	146	1210521	10.75 ug/L	98
66)	1,4-DICHLOROBENZENE	27.05	146	1226235	10.84 ug/L	99
67)	N-BUTYLBENZENE	27.37	91	2301601	11.45 ug/L	98
68)	1,2-DICHLOROBENZENE	27.92	146	1052243	10.69 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.70	157	66971	9.44 ug/L	98
70)	1,2,4-TRICHLOROBENZENE	32.00	180	679611	10.59 ug/L	97
71)	HEXACHLOROBUTADIENE	32.31	225	341487	11.19 ug/L	96
72)	NAPHTHALENE	32.85	128	1003762	11.38 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.56	180	551776	10.70 ug/L	97
74)	NITROBENZENE	29.93	77	470872	169.98 ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\0204C10.D Vial: 2
Acq On : 4 Feb 2002 9:41 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 10:19 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 10:10:59

Sample: AE01938
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 02/04/02 00:02 Ended: 02/04/02 00:02 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.8	
2	4-BROMOFLUOROBENZENE		4.7	
3	DICHLORODIFLUOROMETHANE		5.2	.5
4	CHLOROMETHANE		4.6	.5
5	VINYL CHLORIDE		5.0	.5
6	BROMOMETHANE		4.5	.5
7	CHLOROETHANE		4.4	.5
8	TRICHLOROFLUOROMETHANE		4.1	.5
9	ACETONE		5.6	.5
10	1,1-DICHLOROETHENE		5.4	.5
11	METHYLENE CHLORIDE		5.5	.5
12	METHYL TERT BUTYL ETHER		5.4	1
13	TRANS-1,2-DICHLOROETHENE		5.4	.5
14	1,1-DICHLOROETHANE		5.4	.5
15	2-BUTANONE (MEK)		6.0	.5
16	2,2-DICHLOROPROPANE		5.5	.5
17	CIS-1,2-DICHLOROETHENE		5.5	.5
18	CHLOROFORM		5.3	.5
19	BROMOCHLOROMETHANE		5.5	.5
20	1,2-DICHLOROETHANE		5.3	.5
21	TOLUENE-D8		5.1	
22	1,1,1-TRICHLOROETHANE		5.0	.5
23	1,1-DICHLOROPROPENE		5.5	.5
24	CARBON TETRACHLORIDE		4.9	.5
25	BENZENE		5.6	.5
26	TRICHLOROETHENE		5.3	.5
27	1,2-DICHLOROPROPANE		5.6	.5
28	DIBROMOMETHANE		5.0	.5
29	BROMODICHLOROMETHANE		5.1	.5
30	2-CHLOROETHYL VINYL ETHER		4.9	.5
31	METHYL ISO-BUTYL KETONE		4.5	1
32	CIS-1,3-DICHLOROPROPENE		5.4	.5
33	TOLUENE		5.6	.5
34	TRANS-1,3-DICHLOROPROPENE		5.5	.5
35	1,1,2-TRICHLOROETHANE		5.6	.5
36	TETRACHLOROETHENE		5.2	.5
37	1,3-DICHLOROPROPANE		5.6	.5
38	DIBROMOCHLOROMETHANE		4.7	2
39	1,2-DIBROMOETHANE		5.2	.5
40	CHLOROBENZENE		5.5	.5
41	1,1,1,2-TETRACHLOROETHANE		5.1	.5
42	2-HEXANONE		4.8	.5
43	ETHYLBENZENE		5.7	.5
44	P & M-XYLENE		11	.5
45	O-XYLENE		5.6	.5
46	STYRENE		5.7	.5
47	1,1,2,2-TETRACHLOROETHANE		5.9	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 10:10:59

Sample: AE01938
Analysis: SRE524 Reference recovery for 524
Units: ug
Started: 02/04/02 00:02 Ended: 02/04/02 00:02 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		4.0	2
49	ISOPROPYLBENZENE		5.5	.5
50	1,2,3-TRICHLOROPROPANE		5.2	.5
51	N-PROPYLBENZENE		5.5	.5
52	BROMOBENZENE		5.3	.5
53	1,3,5-TRIMETHYLBENZENE		5.6	.5
54	2-CHLOROTOLUENE		5.6	.5
55	4-CHLOROTOLUENE		5.4	.5
56	TERT-BUTYLBENZENE		5.5	.5
57	1,2,4-TRIMETHYLBENZENE		5.5	.5
58	SEC-BUTYLBENZENE		5.7	.5
59	P-ISOPROPYLTOLUENE		5.9	.5
60	1,3-DICHLOROBENZENE		5.6	.5
61	1,4-DICHLOROBENZENE		5.5	.5
62	N-BUTYLBENZENE		5.9	.5
63	1,2-DICHLOROBENZENE		5.5	.5
64	1,2-DIBROMO-3-CHLOROPROPA		4.3	.5
65	1,2,4-TRICHLOROBENZENE		5.2	.5
66	HEXACHLOROBUTADIENE		5.5	.5
67	NAPHTHALENE		5.4	.5
68	1,2,3-TRICHLOROBENZENE		5.3	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		100	5.0

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 10:12:33

Sample: AE01938
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 02/05/02 15:20 Ended: 02/05/02 15:20 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.8	.5
2	Surr - 4-BROMOFLUOROBENZE		4.7	.5
3	Dichlorodifluoromethane		104	.5
4	Chloromethane		92	.5
5	Vinyl chloride		100	.5
6	Bromomethane		90	.5
7	Chloroethane		88	.5
8	Trichlorofluoromethane		82	.5
9	1,1-Dichloroethene		108	.5
10	Methylene Chloride		110	.5
11	Methyl tert butyl ether		108	1.0
12	trans-1,2-dichloroethene		108	.5
13	1,1-dichloroethane		108	.5
14	2-butanone (MEK)		120	2.0
15	2,2-dichloropropane		110	.5
16	cis-1,2-dichloroethene		110	.5
17	Chloroform		106	.5
18	Bromochloromethane		110	.5
19	1,2-dichloroethane		106	.5
20	Surr - TOLUENE-D8		5.1	.5
21	1,1,1-trichloroethane		100	.5
22	1,1-dichloropropene		110	.5
23	Carbon tetrachloride		98	.5
24	Benzene		112	.5
25	Trichloroethene		106	.5
26	1,2-dichloropropane		112	.5
27	Dibromomethane		100	.5
28	Bromodichloromethane		102	.5
29	Methyl iso-butyl ketone		90	1.0
30	cis-1,3-dichloropropene		108	.5
31	Toluene		112	.5
32	trans-1,3-dichloropropene		110	.5
33	1,1,2-trichloroethane		112	.5
34	Tetrachloroethene		104	.5
35	1,3-dichloropropane		112	.5
36	Dibromochloromethane		94	2.0
37	Chlorobenzene		110	.5
38	1,1,1,2-tetrachloroethane		102	.5
39	Ethylbenzene		114	.5
40	P & M-xylene		110	.5
41	O-xylene		112	.5
42	Styrene		114	.5
43	1,1,2,2-tetrachloroethane		118	.5
44	Bromoform		80	2.0
45	Isopropylbenzene		110	.5
46	1,2,3-trichloropropane		104	.5
47	N-propylbenzene		110	.5

$\lambda, 3^{2}$

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 10:12:33

Sample: AE01938
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 02/05/02 15:20 Ended: 02/05/02 15:20 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		106	.5
49	1,3,5-trimethylbenzene		112	.5
50	2-chlorotoluene		112	.5
51	4-chlorotoluene		108	.5
52	TERT-butylbenzene		110	.5
53	1,2,4-trimethylbenzene		110	.5
54	SEC-butylbenzene		114	.5
55	P-isopropyltoluene		118	.5
56	1,3-dichlorobenzene		112	.5
57	1,4-dichlorobenzene		110	.5
58	N-butylbenzene		118	.5
59	1,2-dichlorobenzene		110	.5
60	1,2,4-trichlorobenzene		104	.5
61	Hexachlorobutadiene		110	.5
62	Naphthalene		108	.5
63	1,2,3-trichlorobenzene		106	.5
64	Ethanol		< MDL	
65	Nitrobenzene		100	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\0204R5A.D Vial: 8
Acq On : 4 Feb 2002 2:59 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 15:38 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	1637030	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.83	117	1586045	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	27.00	152	757842	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.40	65	674630	4.76	ug/L	0.05
Spiked Amount 5.000			Recovery = 95.20%			
3) 4-BROMOFLUOROBENZENE	24.41	174	589730	4.70	ug/L	0.05
Spiked Amount 5.000			Recovery = 94.00%			
25) TOLUENE-D8	18.53	98	2001454	5.06	ug/L	0.05
Spiked Amount 5.000			Recovery = 101.20%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.90	85	145399	5.20	ug/L	100
5) CHLOROMETHANE	5.52	50	149539	4.59	ug/L	99
6) VINYL CHLORIDE	5.64	62	96199	4.99	ug/L	99
7) BROMOMETHANE	6.63	94	107743	4.52	ug/L	100
8) CHLOROETHANE	6.78	64	92270	4.39	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.33	101	200345	4.07	ug/L	96
10) Isopropyl Alcohol	7.96	45	18218	214.58	ug/L	51
12) ACETONE	8.31	43	60798	~~6.88 ug~~/L		98
13) 1,1-DICHLOROETHENE	8.67	61	417389	5.43	ug/L	98
14) METHYLENE CHLORIDE	9.67	49	2947697	~~38.72 ug~~/L		97
15) METHYL TERT BUTYL ETHER	9.98	73	521436	5.45	ug/L	97
16) TRANS-1,2-DICHLOROETHENE	10.34	61	500378	5.37	ug/L	99
17) 1,1-DICHLOROETHANE	11.23	63	603200	5.37	ug/L	98
18) 2-BUTANONE (MEK)	12.07	43	196433	~~9.46 ug/L~~		97
19) 2,2-DICHLOROPROPANE	12.45	77	517384	5.50	ug/L	97
20) CIS-1,2-DICHLOROETHENE	12.56	96	367515	5.46	ug/L	95
21) CHLOROFORM	12.89	83	663120	5.30	ug/L	96
22) BROMOCHLOROMETHANE	13.27	49	295665	5.49	ug/L	97
23) 1,2-DICHLOROETHANE	14.61	62	464236	5.26	ug/L	100
26) 1,1,1-TRICHLOROETHANE	13.77	97	502972	5.00	ug/L	97
27) 1,1-DICHLOROPROPENE	14.10	75	495808	5.52	ug/L	99
28) CARBON TETRACHLORIDE	14.37	117	404311	4.94	ug/L	97
29) BENZENE	14.70	78	1243237	5.62	ug/L	99
30) TRICHLOROETHENE	15.97	95	393475	5.35	ug/L	98
31) 1,2-DICHLOROPROPANE	16.33	63	364025	5.63	ug/L	99
32) DIBROMOMETHANE	17.01	174	171536	4.97	ug/L	98
33) BROMODICHLOROMETHANE	16.85	83	495298	5.09	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.32	63	133479	4.85	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\0204R5A.D Vial: 8
Acq On : 4 Feb 2002 2:59 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 15:38 2002 Quant Results File: HP013102.RES

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

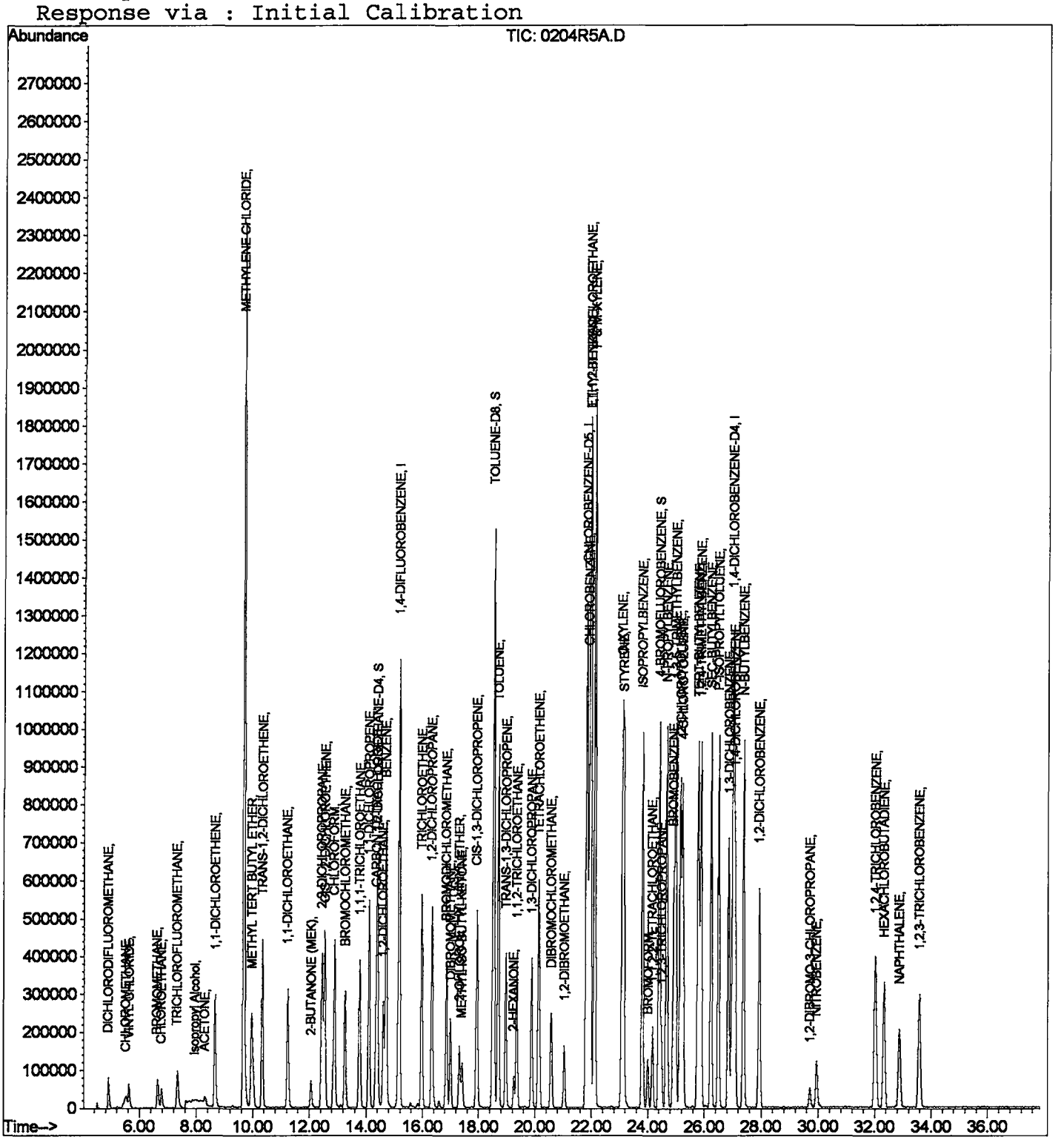
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.41	58	65048	4.53 ug/L	86
36)	CIS-1,3-DICHLOROPROPENE	17.93	75	539015	5.42 ug/L	96
37)	TOLUENE	18.70	91	1361443	5.55 ug/L	100
38)	TRANS-1,3-DICHLOROPROPENE	18.98	75	426931	5.52 ug/L	99
39)	1,1,2-TRICHLOROETHANE	19.36	97	238048	5.61 ug/L	99
40)	TETRACHLOROETHENE	20.14	166	361704	5.23 ug/L	96
41)	1,3-DICHLOROPROPANE	19.88	76	445054	5.59 ug/L	100
42)	DIBROMOCHLOROMETHANE	20.58	129	276805	4.74 ug/L	96
43)	1,2-DIBROMOETHANE	21.03	107	248552	5.23 ug/L	95
44)	CHLOROBENZENE	21.90	112	883079	5.52 ug/L	98
45)	1,1,1,2-TETRACHLOROETHANE	21.95	131	303609	5.10 ug/L	99
46)	2-HEXANONE	19.26	43	129501	4.78 ug/L	99
47)	ETHYLBENZENE	21.95	91	1648452	5.73 ug/L	99
48)	P & M-XYLENE	22.11	106	1097382	11.38 ug/L	99
49)	O-XYLENE	23.09	91	1327893	5.62 ug/L	98
50)	STYRENE	23.14	104	938100	5.69 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.16	83	249743	5.93 ug/L	99
53)	BROMOFORM	24.01	173	128354	3.96 ug/L	88
54)	ISOPROPYLBENZENE	23.80	105	1450953	5.47 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.50	110	73427	5.16 ug/L	95
56)	N-PROPYLBENZENE	24.67	91	1836276	5.49 ug/L	100
57)	BROMOBENZENE	24.91	156	363591	5.32 ug/L	93
58)	1,3,5-TRIMETHYLBENZENE	24.98	105	1260892	5.55 ug/L	98
59)	2-CHLOROTOLUENE	25.16	91	1225757	5.55 ug/L	99
60)	4-CHLOROTOLUENE	25.23	91	1104031	5.40 ug/L	98
61)	TERT-BUTYLBENZENE	25.78	119	1122583	5.52 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.87	105	1293020	5.47 ug/L	99
63)	SEC-BUTYLBENZENE	26.24	105	1581750	5.73 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.50	119	1254519	5.88 ug/L	99
65)	1,3-DICHLOROBENZENE	26.86	146	684435	5.56 ug/L	98
66)	1,4-DICHLOROBENZENE	27.07	146	674871	5.45 ug/L	98
67)	N-BUTYLBENZENE	27.38	91	1301279	5.92 ug/L	98
68)	1,2-DICHLOROBENZENE	27.92	146	587388	5.46 ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.72	157	33688	4.34 ug/L	90
70)	1,2,4-TRICHLOROBENZENE	32.03	180	368164	5.24 ug/L	97
71)	HEXACHLOROBUTADIENE	32.33	225	182139	5.45 ug/L	98
72)	NAPHTHALENE	32.87	128	524369	5.43 ug/L	100
73)	1,2,3-TRICHLOROBENZENE	33.58	180	297424	5.27 ug/L	99
74)	NITROBENZENE	29.94	77	164889	~~54.41 u~~g/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\0204R5A.D Vial: 8
Acq On : 4 Feb 2002 2:59 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 15:38 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB04\0204R40.D Vial: 3
Acq On : 4 Feb 2002 10:24 am Operator: 201-wb
Sample : ref 40 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 10:03 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 10:00:18 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1576374	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	1427120	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	27.00	152	654818	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.40	65	669306	4.90	ug/L	0.05
Spiked Amount 5.000			Recovery =	98.00%		
3) 4-BROMOFLUOROBENZENE	24.41	174	531599	4.40	ug/L	0.05
Spiked Amount 5.000			Recovery =	88.00%		
25) TOLUENE-D8	18.51	98	1772639	4.98	ug/L	0.04
Spiked Amount 5.000			Recovery =	99.60%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	2110903	78.35	ug/L	100
5) CHLOROMETHANE	5.52	50	1645472	52.46	ug/L	100
6) VINYL CHLORIDE	5.60	62	670439	37.11	ug/L	100
7) BROMOMETHANE	6.62	94	977495	42.60	ug/L	99
8) CHLOROETHANE	6.76	64	933329	46.11	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.31	101	2122921	44.83	ug/L	100
10) Isopropyl Alcohol	7.94	45	7719	94.42	ug/L	52
12) ACETONE	8.31	43	379973	44.68	ug/L ÷8=5.59	94
13) 1,1-DICHLOROETHENE	8.66	61	3108265	41.97	ug/L	98
14) METHYLENE CHLORIDE	9.67	49	3209623	43.78	ug/L ÷8=5.47	98
15) METHYL TERT BUTYL ETHER	9.96	73	4017152	43.60	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.33	61	3787133	42.19	ug/L	98
17) 1,1-DICHLOROETHANE	11.21	63	4523138	41.80	ug/L	98
18) 2-BUTANONE (MEK)	12.05	43	953324	47.69	ug/L ÷8=5.96	100
19) 2,2-DICHLOROPROPANE	12.43	77	4108961	45.33	ug/L	98
20) CIS-1,2-DICHLOROETHENE	12.54	96	2702564	41.73	ug/L	97
21) CHLOROFORM	12.87	83	4917541	40.79	ug/L	99
22) BROMOCHLOROMETHANE	13.25	49	2176852	41.96	ug/L	96
23) 1,2-DICHLOROETHANE	14.59	62	3487009	41.02	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.76	97	3957843	43.74	ug/L	98
27) 1,1-DICHLOROPROPENE	14.09	75	3799173	47.02	ug/L	99
28) CARBON TETRACHLORIDE	14.35	117	3280314	44.52	ug/L	99
29) BENZENE	14.70	78	9115383	45.78	ug/L	100
30) TRICHLOROETHENE	15.97	95	2966085	44.78	ug/L	100
31) 1,2-DICHLOROPROPANE	16.31	63	2676474	46.03	ug/L	97
32) DIBROMOMETHANE	16.99	174	1305514	42.00	ug/L	98
33) BROMODICHLOROMETHANE	16.84	83	3893642	44.44	ug/L	100
34) 2-CHLOROETHYL VINYL ETHER	17.31	63	1057852	42.73	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB04\0204R40.D Vial: 3
Acq On : 4 Feb 2002 10:24 am Operator: 201-wb
Sample : ref 40 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 10:03 2002 Quant Results File: HP013102.RES

Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 10:00:18 2002
Response via : Initial Calibration
DataAcq Meth : HP013102

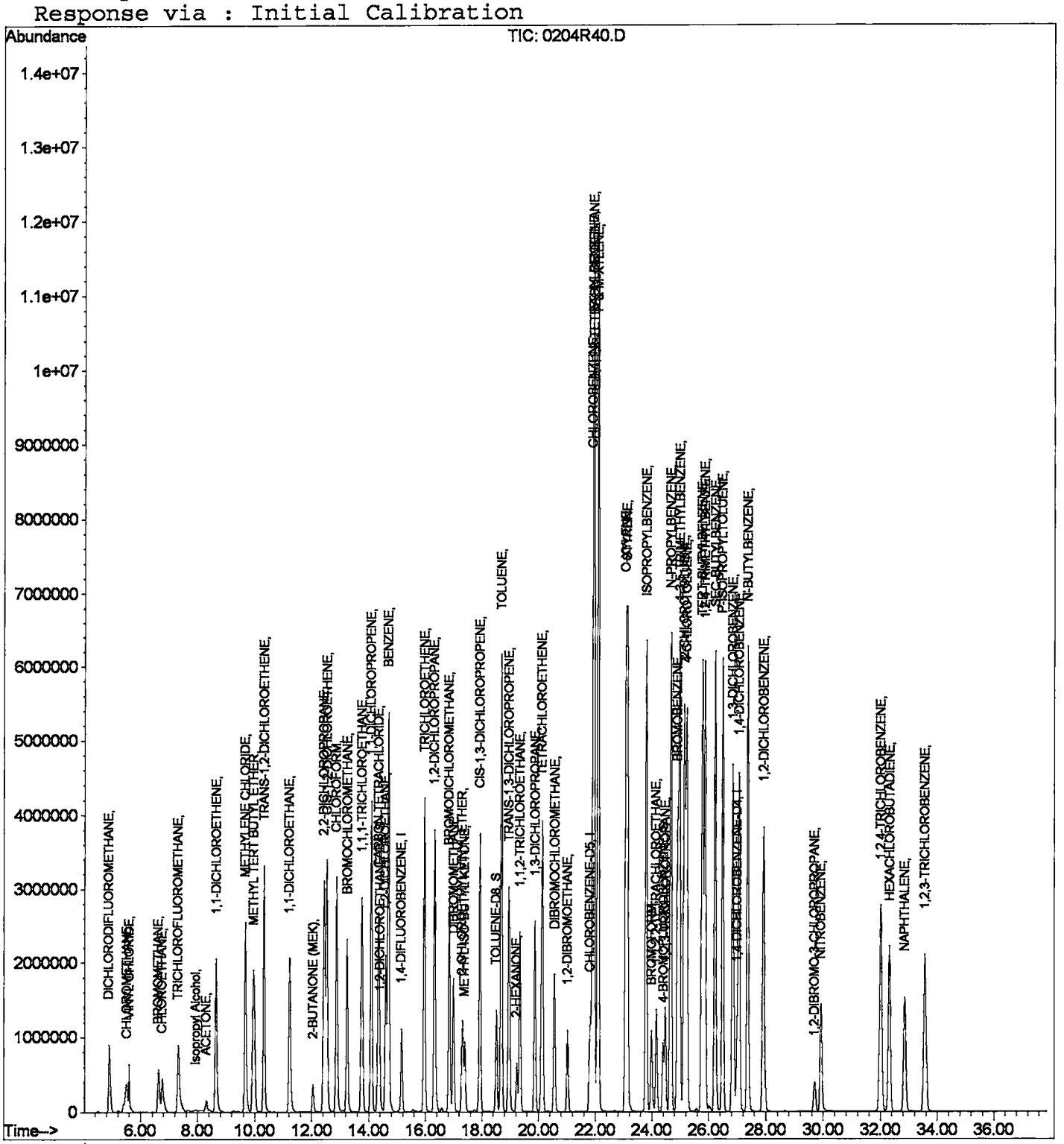
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	METHYL ISO-BUTYL KETONE	17.39	58	513851	39.74 ug/L	96
36)	CIS-1,3-DICHLOROPROPENE	17.93	75	4122970	46.09 ug/L	99
37)	TOLUENE	18.68	91	9037341	40.96 ug/L	99
38)	TRANS-1,3-DICHLOROPROPENE	18.96	75	3128485	44.97 ug/L	99
39)	1,1,2-TRICHLOROETHANE	19.34	97	1560779	40.85 ug/L	99
40)	TETRACHLOROETHENE	20.13	166	2458892	39.48 ug/L	94
41)	1,3-DICHLOROPROPANE	19.88	76	3006497	41.97 ug/L	99
42)	DIBROMOCHLOROMETHANE	20.58	129	2122726	40.41 ug/L	99
43)	1,2-DIBROMOETHANE	21.01	107	1744728	40.78 ug/L	95
44)	CHLOROBENZENE	21.90	112	5615151	39.00 ug/L	99
45)	1,1,1,2-TETRACHLOROETHANE	21.95	131	2043542	38.18 ug/L	99
46)	2-HEXANONE	19.24	43	953212	39.11 ug/L	98
47)	ETHYLBENZENE	21.94	91	10412595	40.23 ug/L	100
48)	P & M-XYLENE	22.09	106	6840381	78.86 ug/L	100
49)	O-XYLENE	23.07	91	8611681	40.49 ug/L	99
50)	STYRENE	23.12	104	6160547	41.53 ug/L	97
51)	1,1,2,2-TETRACHLOROETHANE	24.15	83	1740981	45.92 ug/L	99
53)	BROMOFORM	23.99	173	1093873	39.09 ug/L	98
54)	ISOPROPYLBENZENE	23.80	105	9522164	41.55 ug/L	99
55)	1,2,3-TRICHLOROPROPANE	24.48	110	500656	40.75 ug/L	96
56)	N-PROPYLBENZENE	24.67	91	12114473	41.89 ug/L	99
57)	BROMOBENZENE	24.91	156	2380928	40.31 ug/L	99
58)	1,3,5-TRIMETHYLBENZENE	24.98	105	8231465	41.94 ug/L	99
59)	2-CHLOROTOLUENE	25.14	91	8669248	45.45 ug/L	98
60)	4-CHLOROTOLUENE	25.23	91	6314327	41.24 ug/L	99
61)	TERT-BUTYLBENZENE	25.77	119	7298518	41.57 ug/L	98
62)	1,2,4-TRIMETHYLBENZENE	25.87	105	8417856	41.18 ug/L	99
63)	SEC-BUTYLBENZENE	26.24	105	10263276	43.05 ug/L	100
64)	P-ISOPROPYLTOLUENE	26.48	119	8177389	44.32 ug/L	98
65)	1,3-DICHLOROBENZENE	26.84	146	4431263	41.65 ug/L	98
66)	1,4-DICHLOROBENZENE	27.07	146	4357861	40.75 ug/L	98
67)	N-BUTYLBENZENE	27.37	91	8540290	44.93 ug/L	99
68)	1,2-DICHLOROBENZENE	27.92	146	3874258	41.64 ug/L	98
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.70	157	262336	39.13 ug/L	99
70)	1,2,4-TRICHLOROBENZENE	32.01	180	2612444	43.06 ug/L	100
71)	HEXACHLOROBUTADIENE	32.33	225	1295391	44.90 ug/L	99
72)	NAPHTHALENE	32.85	128	3860755	46.30 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.56	180	2127368	43.64 ug/L	99
74)	NITROBENZENE	29.93	77	2105279	804.04 ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB04\0204R40.D Vial: 3
Acq On : 4 Feb 2002 10:24 am Operator: 201-wb
Sample : ref 40 Inst : GC/MS Ins.
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 13 10:03 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 13 10:00:18 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:23:04

Sample: AE01936
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 15:21 Ended: 2/4/02 15:21 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.4		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		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 2/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:23:04

Sample: AE01936
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 15:21 Ended: 2/4/02 15:21 Analyst: BH
Result source: manual entry
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\01936.D Vial: 7
Acq On : 4 Feb 2002 2:17 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 14:55 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	1559166	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.81	117	1468773	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	27.00	152	680580	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.40	65	598082	4.43	ug/L	0.05
Spiked Amount 5.000			Recovery =	88.60%		
3) 4-BROMOFLUOROBENZENE	24.41	174	543289	4.54	ug/L	0.05
Spiked Amount 5.000			Recovery =	90.80%		
25) TOLUENE-D8	18.52	98	1905704	5.20	ug/L	0.05
Spiked Amount 5.000			Recovery =	104.00%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.94	45	12155	~~150.32~~	ug/L	71
12) ACETONE	8.33	43	68421	8.13	ug/L	94
14) METHYLENE CHLORIDE	9.67	49	42414	0.58	ug/L	91
18) 2-BUTANONE (MEK)	12.07	43	79034	~~4.00~~	~~ug/L~~	99
66) 1,4-DICHLOROBENZENE	27.07	146	7532	0.07	ug/L	95

<LOD

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

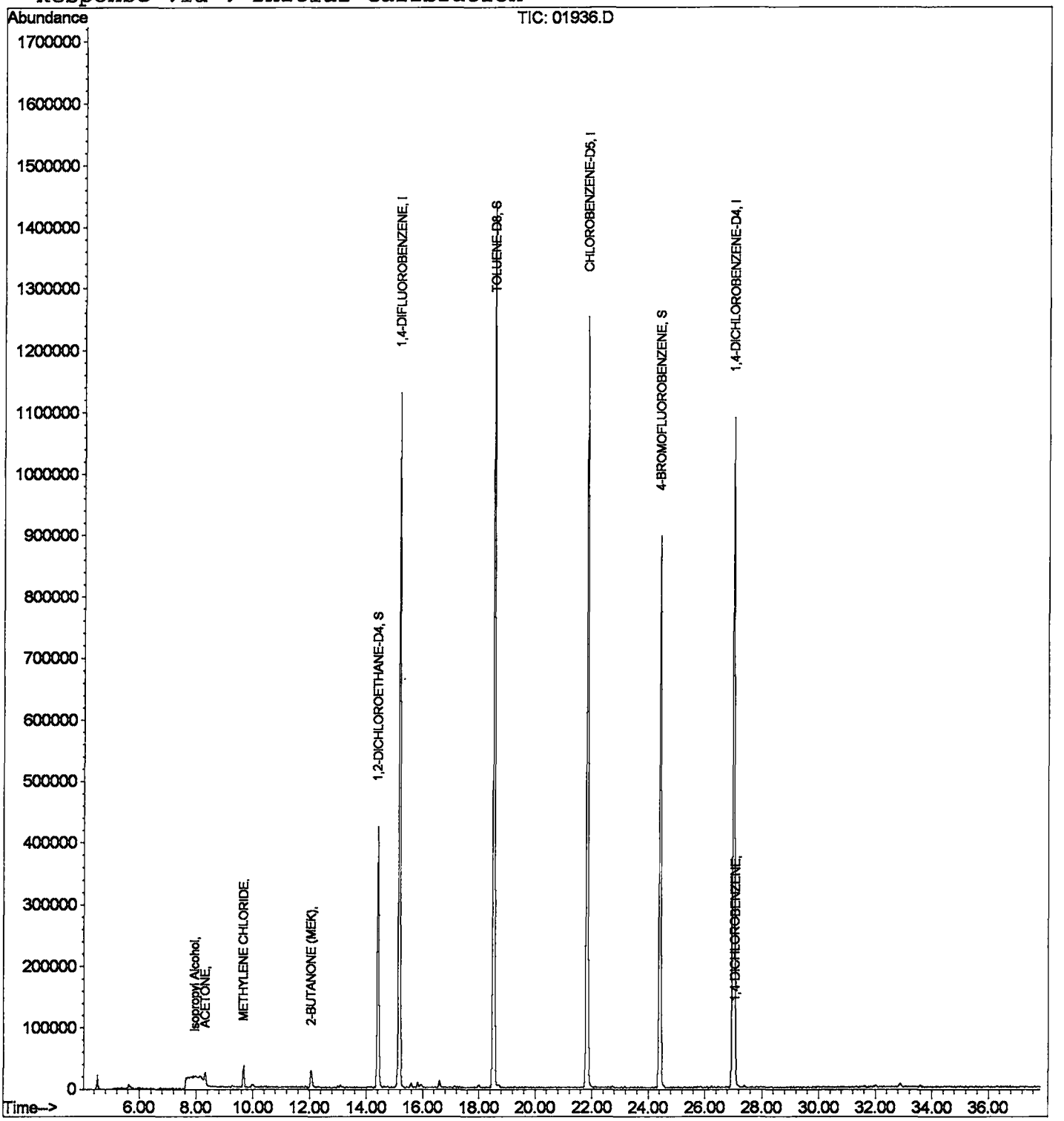
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\01936.D
Acq On : 4 Feb 2002 2:17 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P
Quant Time: Feb 4 14:55 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01936.D
Acq On : 4 Feb 2002 2:17 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

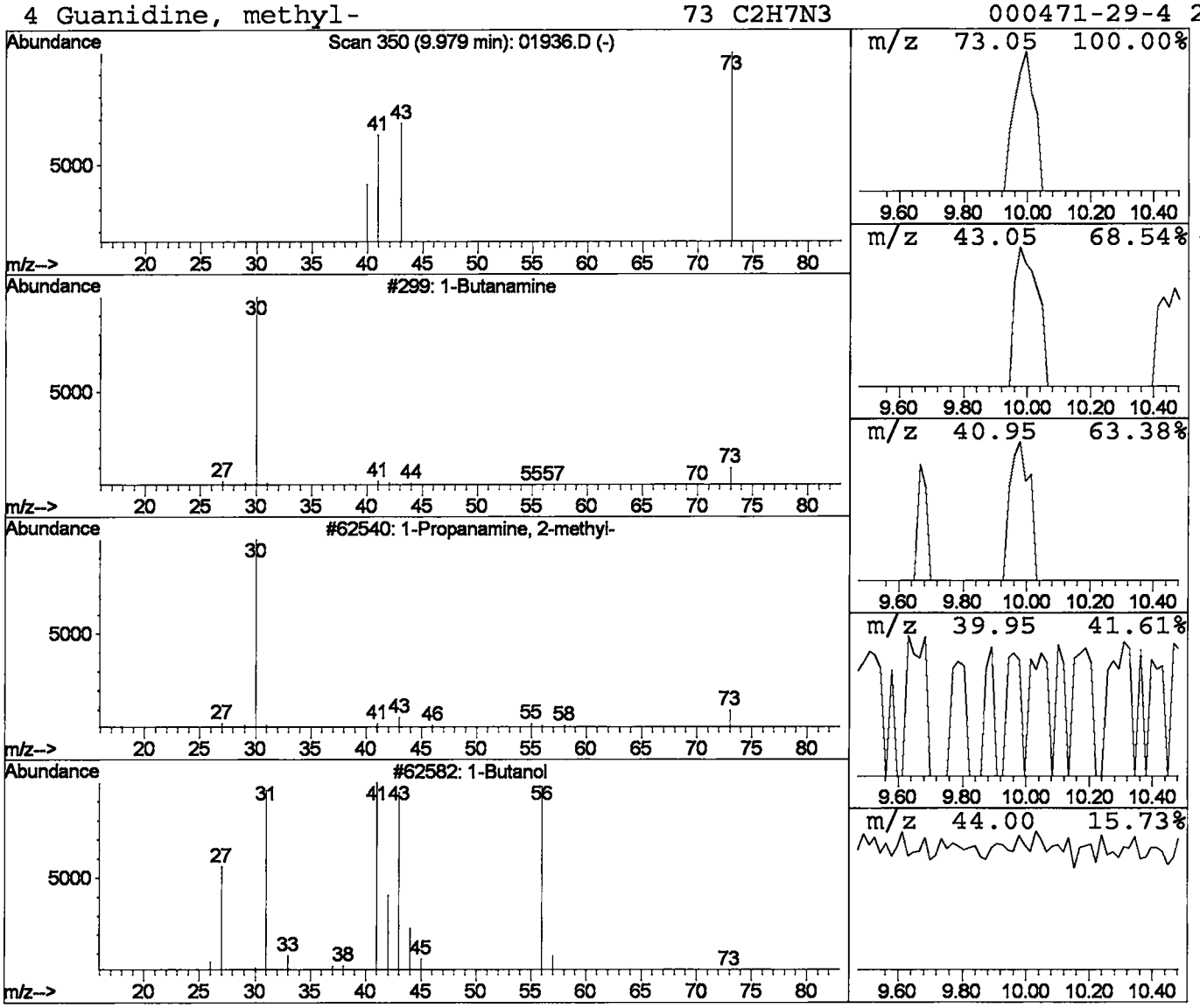
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	0.03 ug/L	29982	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine	73	C4H11N	000109-73-9	3
2	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	3
3	1-Butanol	74	C4H10O	000071-36-3	2
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01936.D
Acq On : 4 Feb 2002 2:17 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

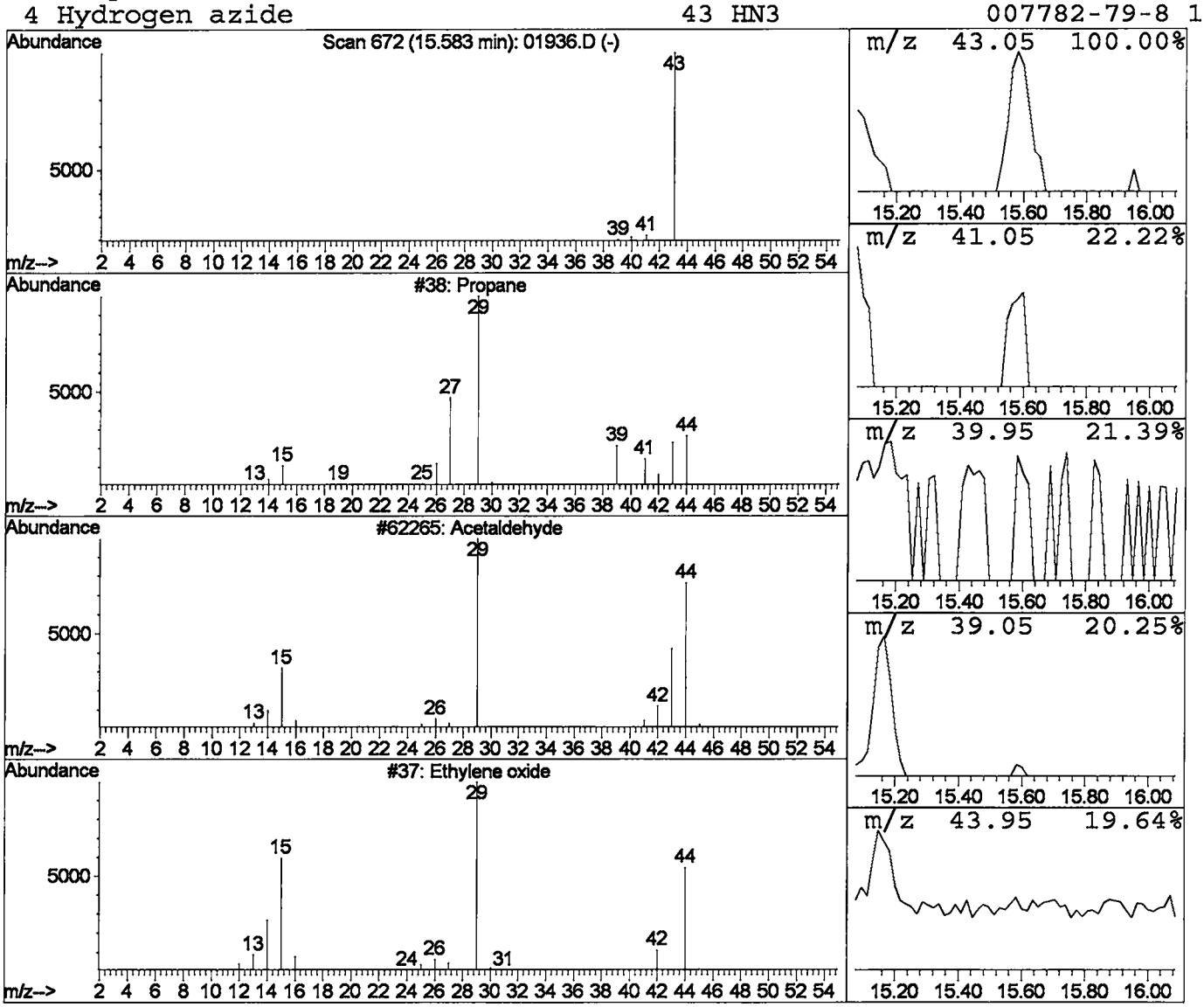
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Propane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	0.04 ug/L	32016	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	3
2	Acetaldehyde	44	C2H4O	000075-07-0	2
3	Ethylene oxide	44	C2H4O	000075-21-8	1
4	Hydrogen azide	43	HN3	007782-79-8	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01936.D
Acq On : 4 Feb 2002 2:17 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

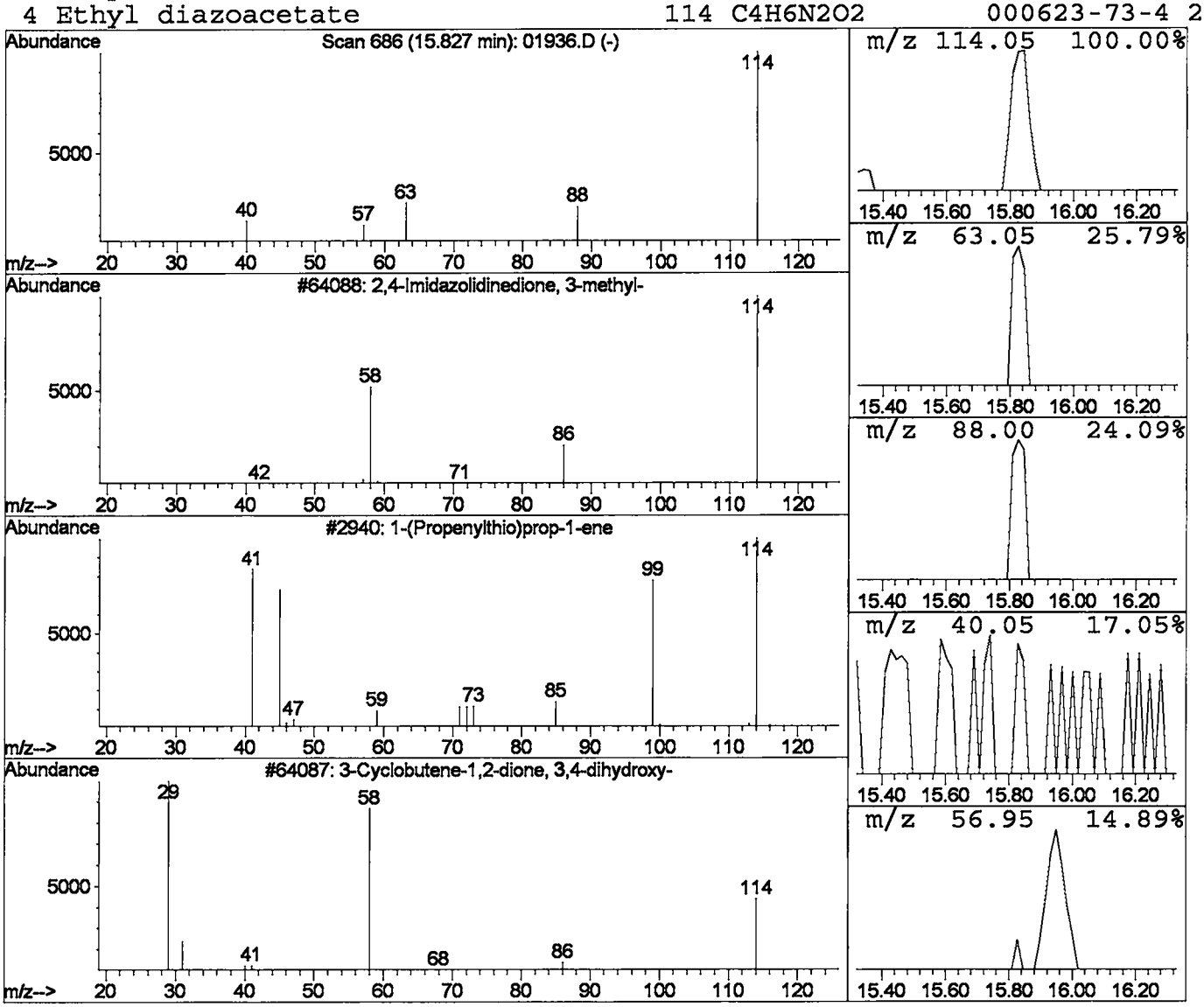
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	0.04 ug/L	35183	1,4-DIFLUOROBENZENE	15.17

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\02FEB04\01936.D
Acq On : 4 Feb 2002 2:17 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

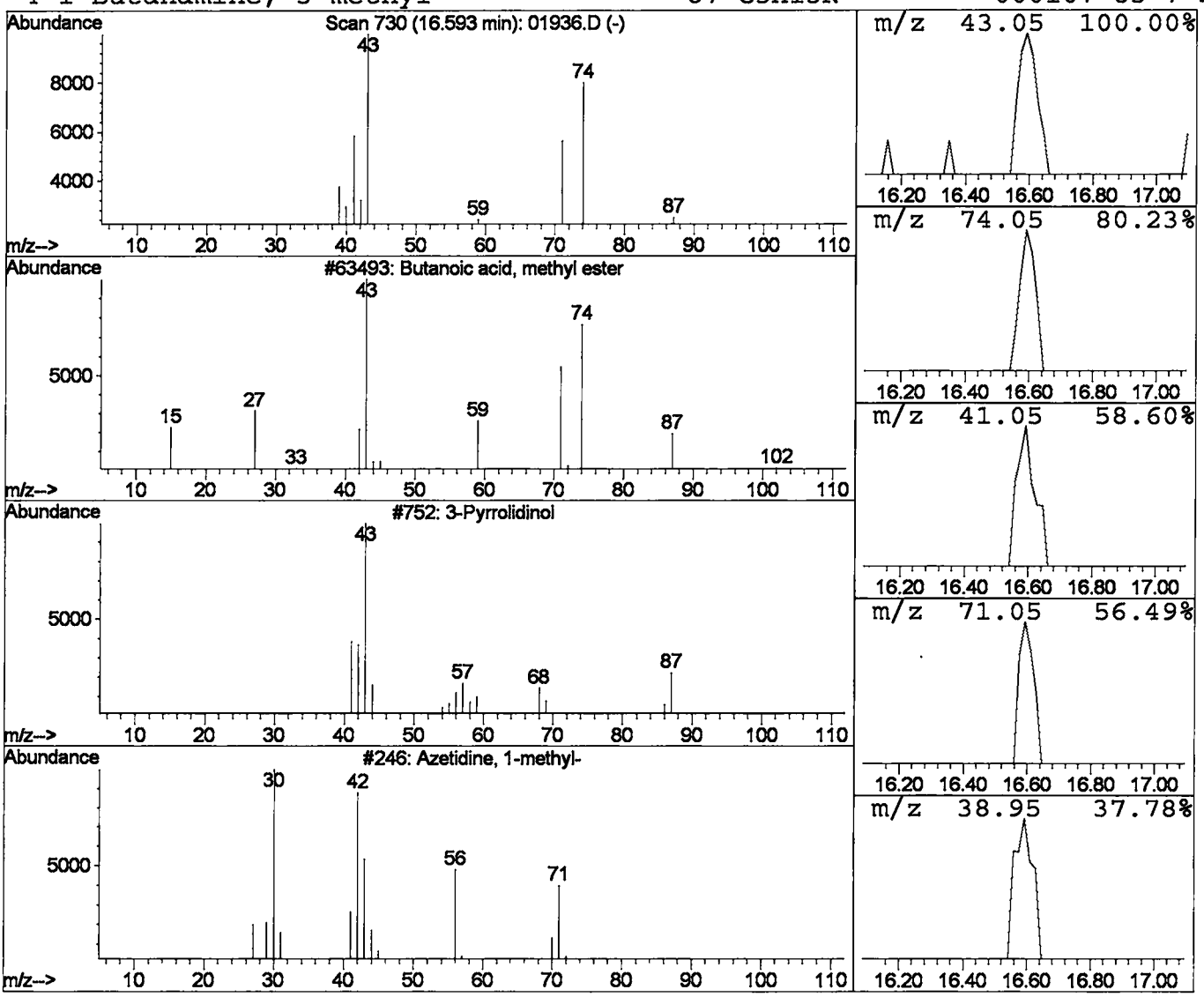
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	0.05 ug/L	46041	1,4-DIFLUOROBENZENE	15.17

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	7
3	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	5
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01936.D
Acq On : 4 Feb 2002 2:17 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

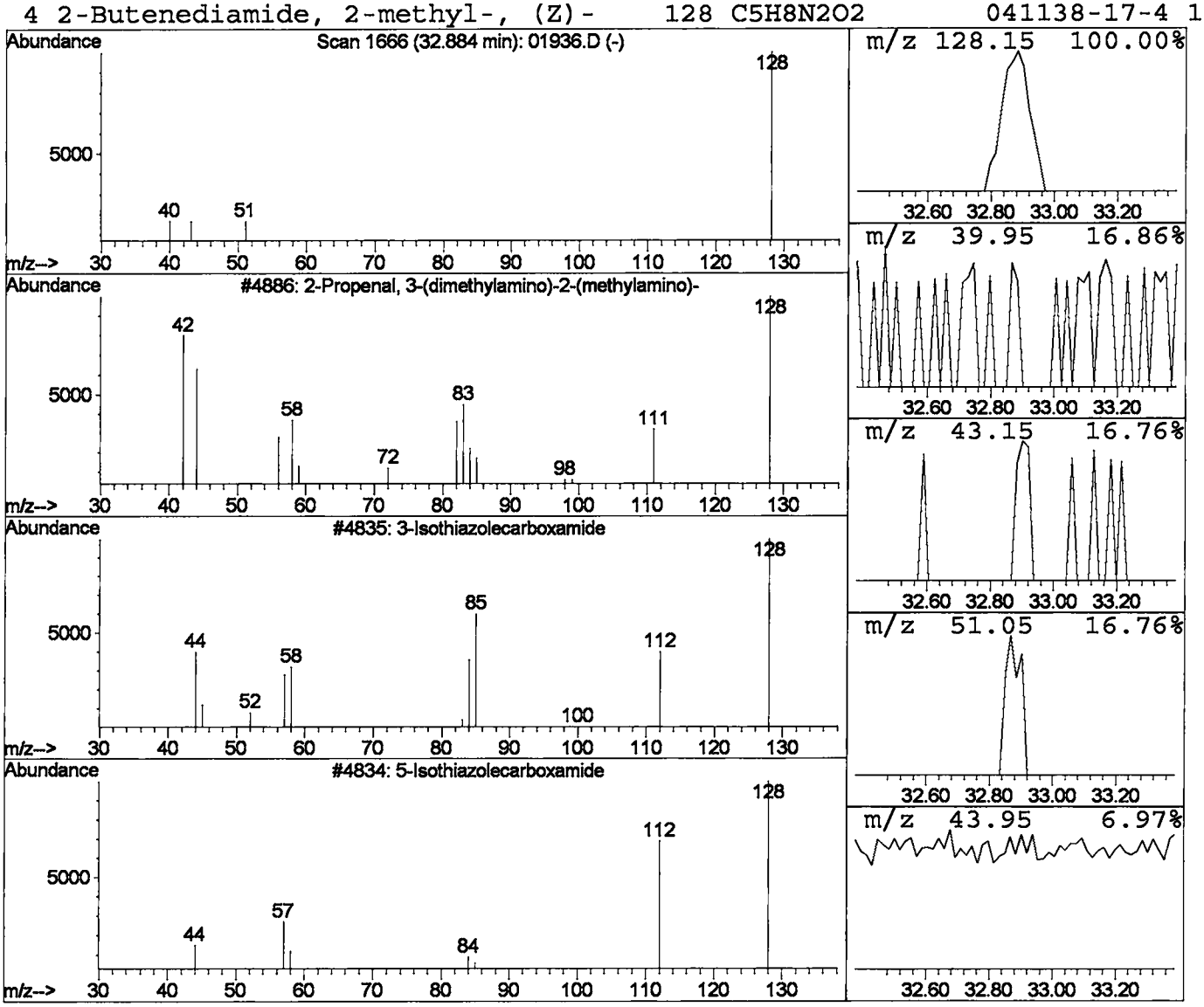
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Propenal, 3-(dimethylamino)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.88	0.04 ug/L	36940	1,4-DICHLOROBENZENE-D4	27.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(dimethylamino)-2-(me	128	C6H12N2O	049582-62-9	2
2	3-Isothiazolecarboxamide	128	C4H4N2OS	024342-43-6	2
3	5-Isothiazolecarboxamide	128	C4H4N2OS	003683-98-5	2
4	2-Butenediamide, 2-methyl-, (Z)-	128	C5H8N2O2	041138-17-4	1



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:26:12

Sample: AE01938
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 00:04 Ended: 2/4/02 00:04 Analyst: BH
Result source: a:\01938.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.7		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		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: 02/05/2002 Time: 15:26:12

Sample: AE01938
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 00:04 Ended: 2/4/02 00:04 Analyst: BH
Result source: a:\01938.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\01938.D Vial: 9
Acq On : 4 Feb 2002 4:16 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 16:55 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1434856	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.81	117	1393231	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.98	152	651665	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	569215	4.58	ug/L	0.03
Spiked Amount 5.000			Recovery =	91.60%		
3) 4-BROMOFLUOROBENZENE	24.39	174	517785	4.70	ug/L	0.03
Spiked Amount 5.000			Recovery =	94.00%		
25) TOLUENE-D8	18.51	98	1769091	5.09	ug/L	0.03
Spiked Amount 5.000			Recovery =	101.80%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.94	45	1473	19.79	ug/L	81
12) ACETONE	8.31	43	30766	3.97	ug/L	98
14) METHYLENE CHLORIDE	9.66	49	34880	~~0.52 ug/L~~		98
18) 2-BUTANONE (MEK)	12.05	43	78920	~~4.34 ug/L~~		94

(#) = qualifier out of range (m) = manual integration
01938.D HP013102.M Mon Feb 04 16:55:24 2002 Page 1

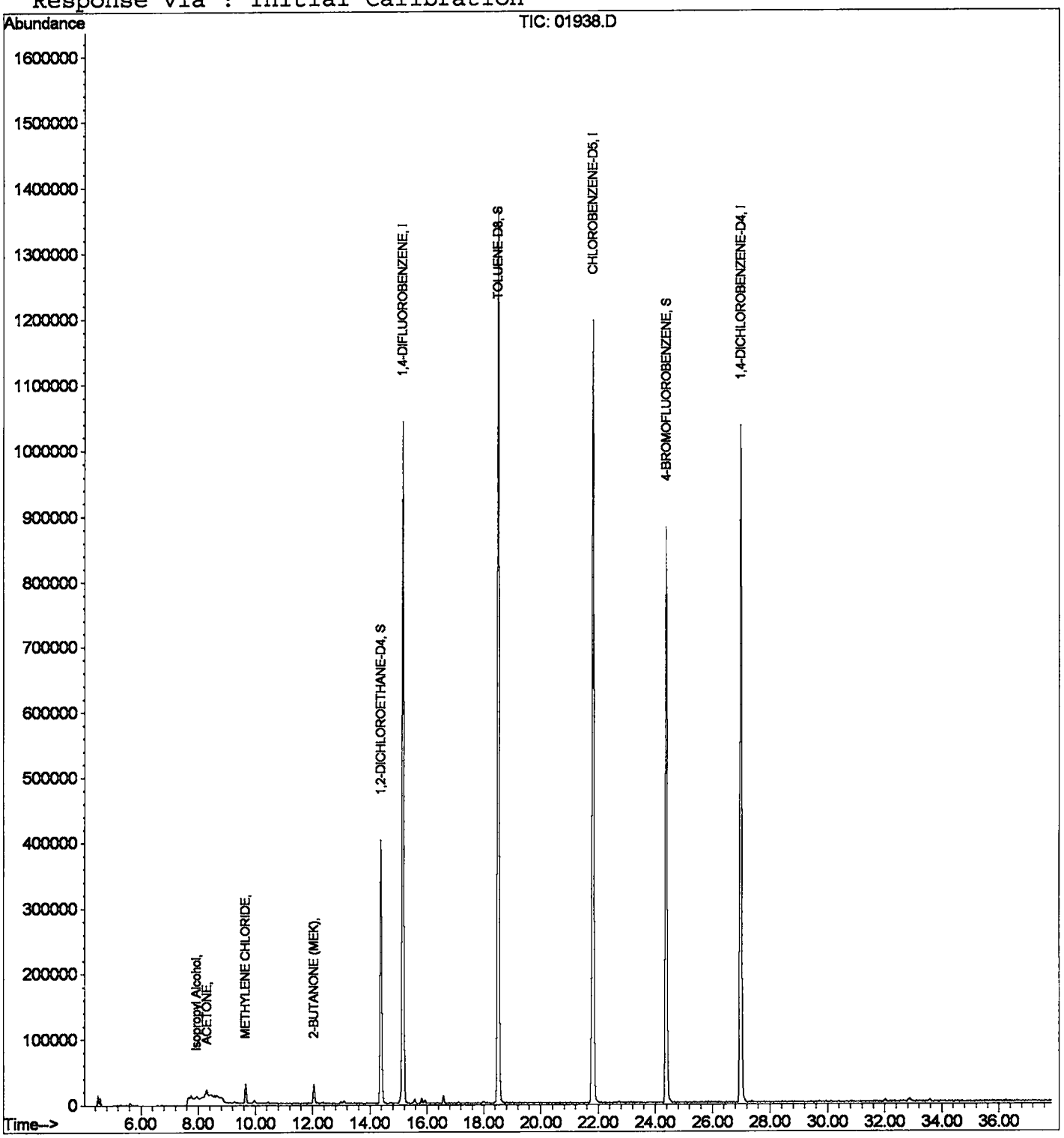
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\01938.D
Acq On : 4 Feb 2002 4:16 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P
Quant Time: Feb 4 16:55 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01938.D
Acq On : 4 Feb 2002 4:16 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

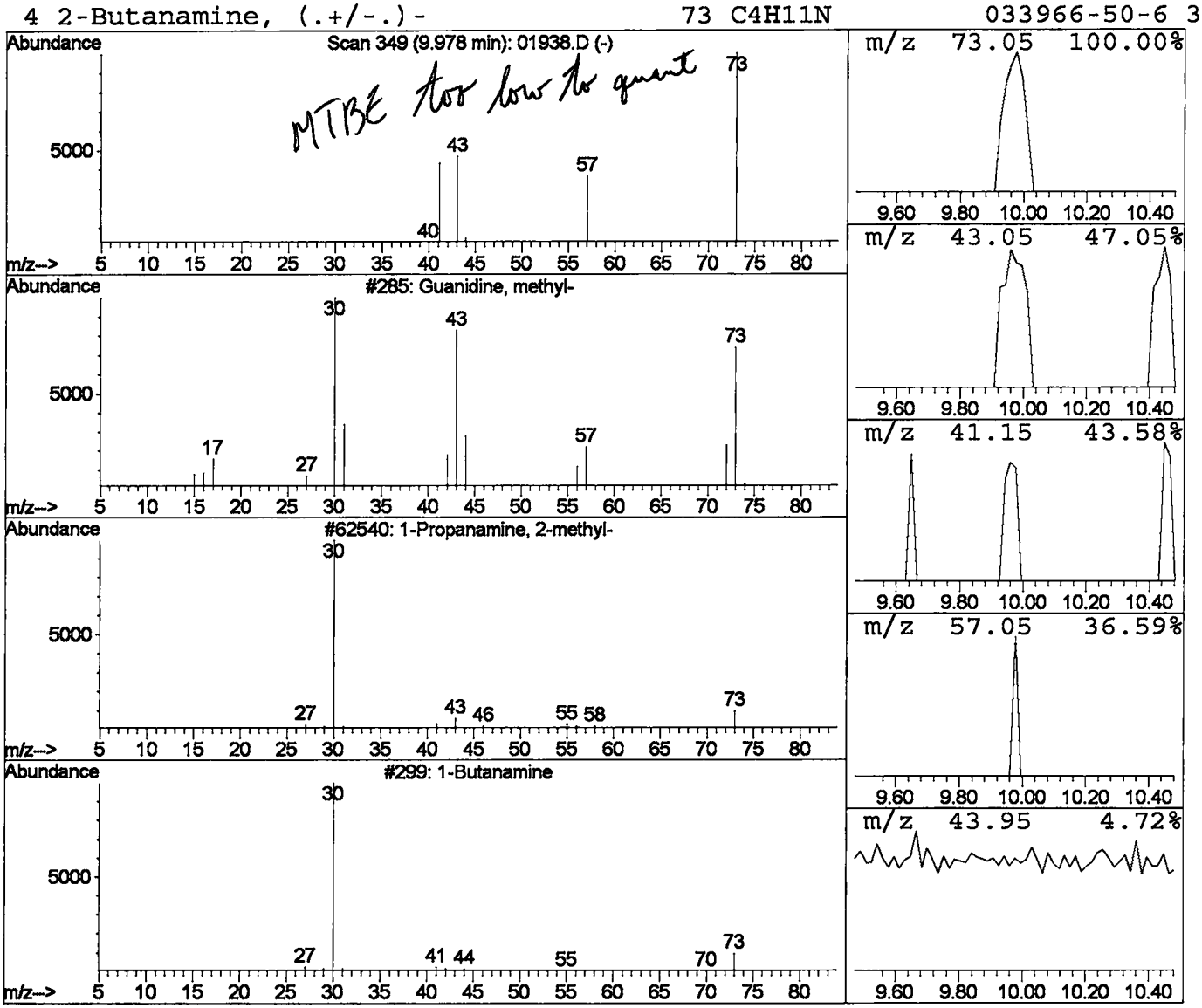
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Guanidine, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	0.03 ug/L	23131	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine, methyl-	73	C2H7N3	000471-29-4	3
2	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	3
3	1-Butanamine	73	C4H11N	000109-73-9	3
4	2-Butanamine, (.+/-.)-	73	C4H11N	033966-50-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01938.D
Acq On : 4 Feb 2002 4:16 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

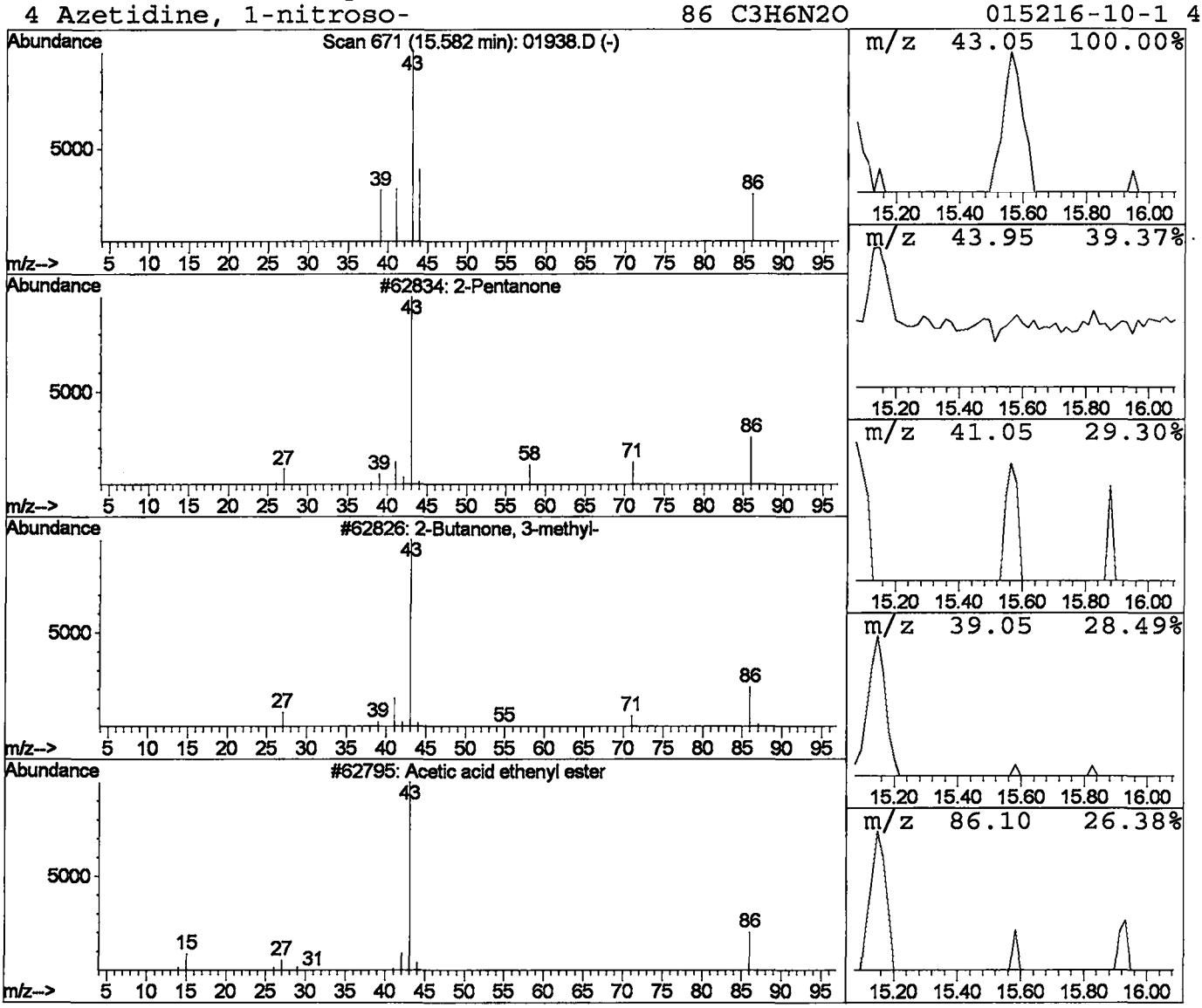
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	0.03 ug/L	25125	1,4-DIFLUOROBENZENE	15.15

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	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	4
4	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01938.D
Acq On : 4 Feb 2002 4:16 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

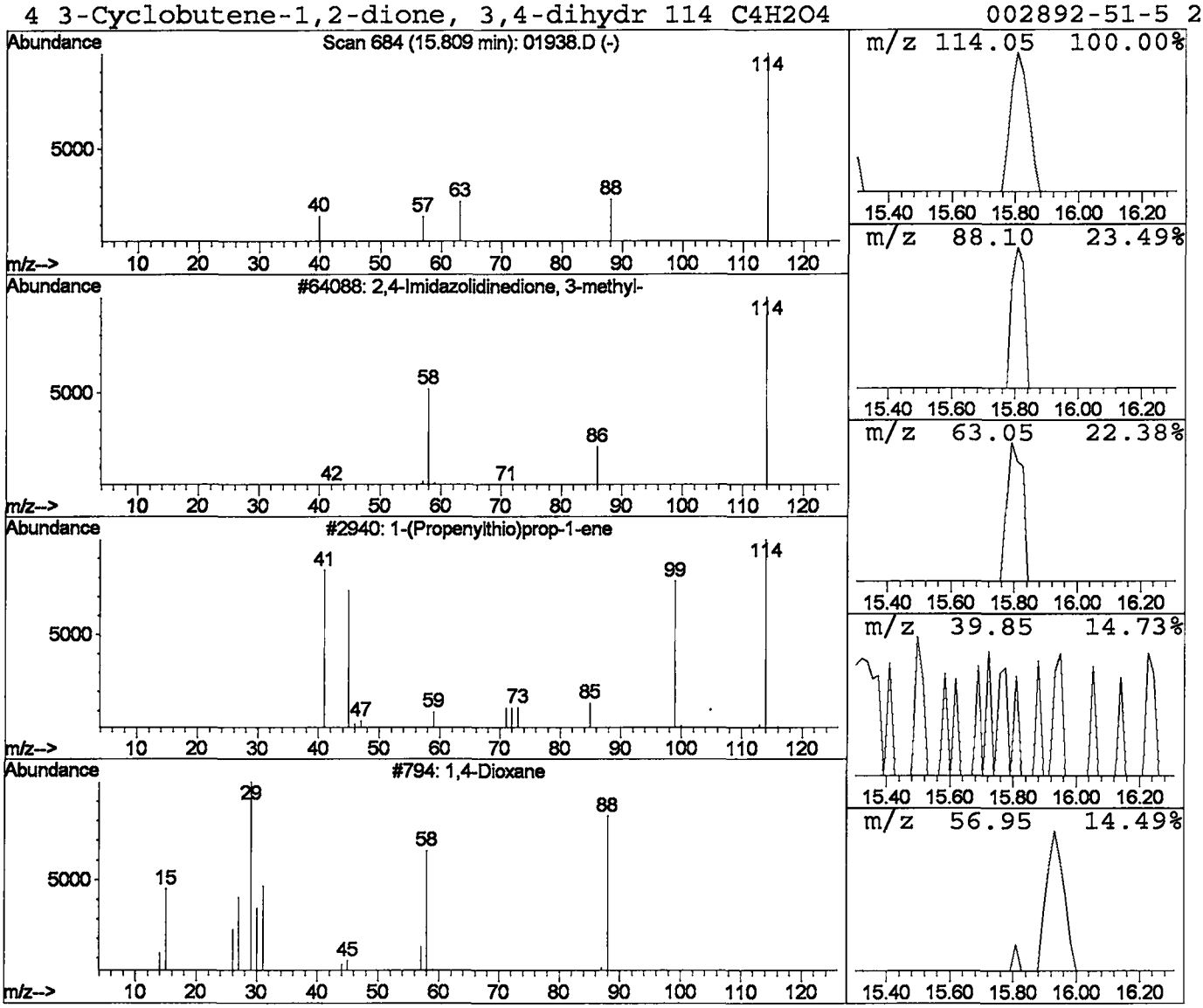
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	0.04 ug/L	30069	1,4-DIFLUOROBENZENE	15.15

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	1,4-Dioxane	88	C4H8O2	000123-91-1	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\02FEB04\01938.D
Acq On : 4 Feb 2002 4:16 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

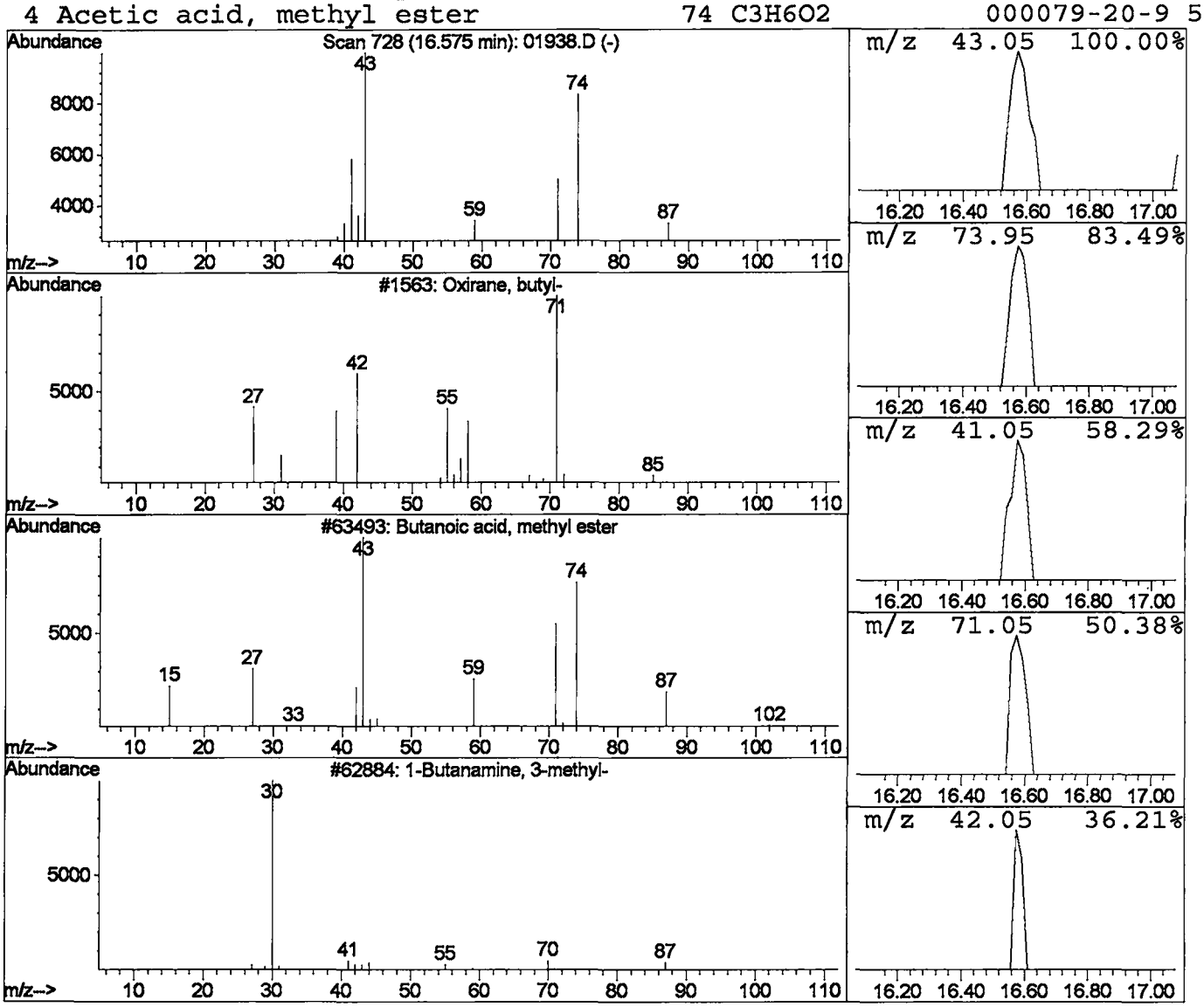
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Oxirane, butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	0.06 ug/L	43442	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, butyl-	100	C6H12O	001436-34-6	9
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01938.D
Acq On : 4 Feb 2002 4:16 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

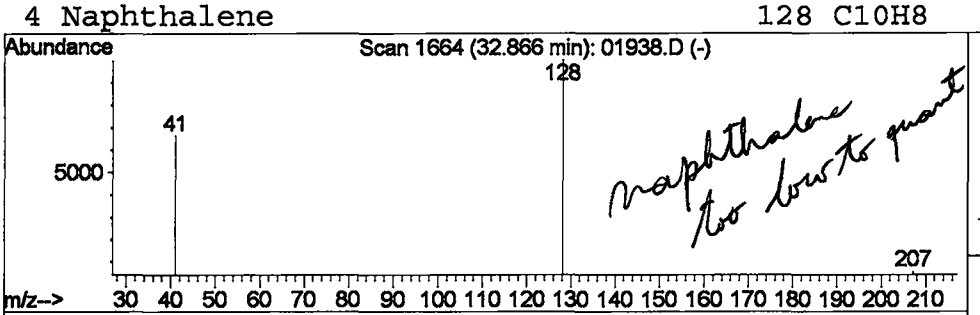
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

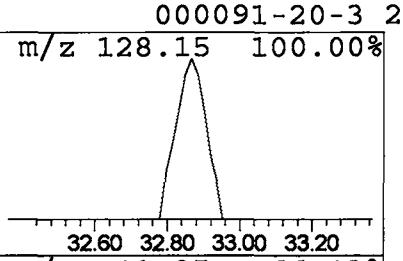
Peak Number 5 2,5-Dimethyl-4-hydroxy-3(2H)-f Concentration Rank 5

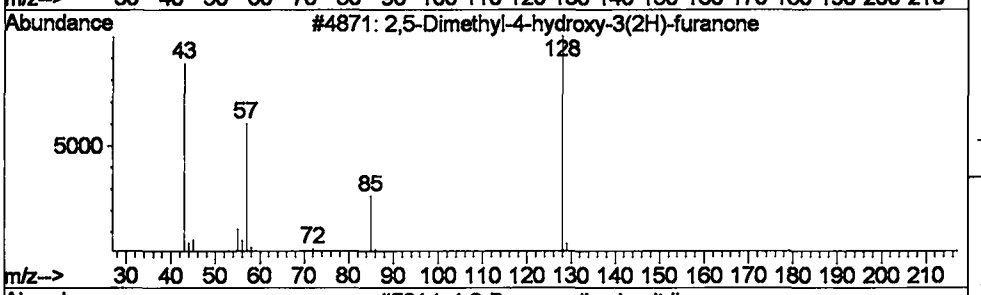
R.T.	EstConc	Area	Relative to ISTD	R.T.
32.87	0.03 ug/L	24733	1,4-DICHLOROBENZENE-D4	26.98

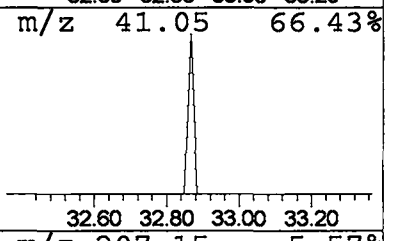
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethyl-4-hydroxy-3(2H)-furano	128	C6H8O3	003658-77-3	4
2	1,3-Benzenedicarbonitrile	128	C8H4N2	000626-17-5	2
3	1,4-Benzenedicarbonitrile	128	C8H4N2	000623-26-7	2
4	Naphthalene	128	C10H8	000091-20-3	2

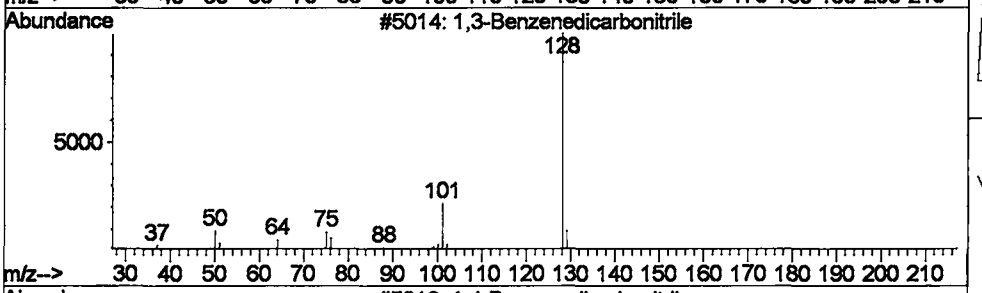


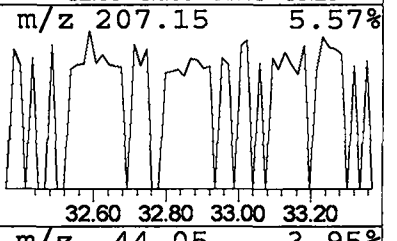
naphthalene too low to quant

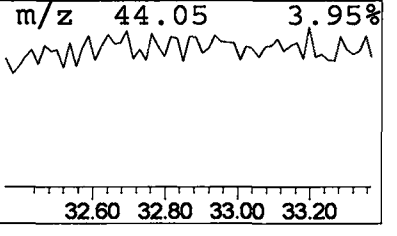


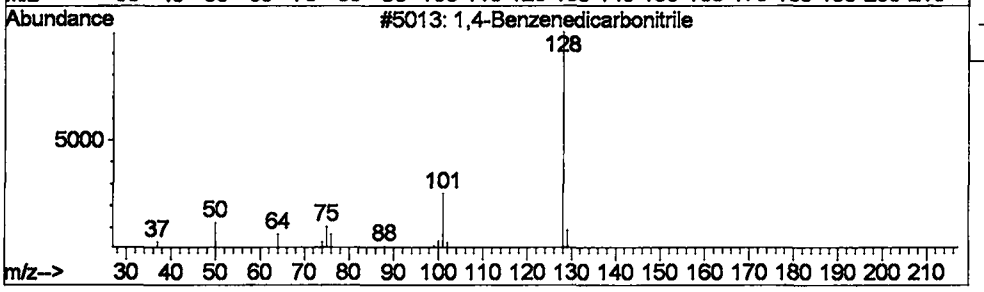












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:28:28

Sample: AE01940
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 00:04 Ended: 2/4/02 00:04 Analyst: BH
Result source: a:\01940.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.5		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY dv
DATE 2/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:28:28

Sample: AE01940
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 00:04 Ended: 2/4/02 00:04 Analyst: BH
Result source: a:\01940.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\01940.D Vial: 10
Acq On : 4 Feb 2002 4:59 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 17:37 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	1506544	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.81	117	1443485	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	27.00	152	656806	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.40	65	618112	4.74	ug/L	0.05
Spiked Amount 5.000			Recovery =	94.80%		
3) 4-BROMOFLUOROBENZENE	24.41	174	524721	4.54	ug/L	0.05
Spiked Amount 5.000			Recovery =	90.80%		
25) TOLUENE-D8	18.51	98	1846641	5.13	ug/L	0.04
Spiked Amount 5.000			Recovery =	102.60%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.96	45	4879	~~62.44~~	ug/L	80
12) ACETONE	8.31	43	66575	8.19	ug/L	93
14) METHYLENE CHLORIDE	9.67	49	40700	~~0.58 ug/L~~		97
18) 2-BUTANONE (MEK)	12.07	43	87888	~~4.60 ug/L~~		99

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

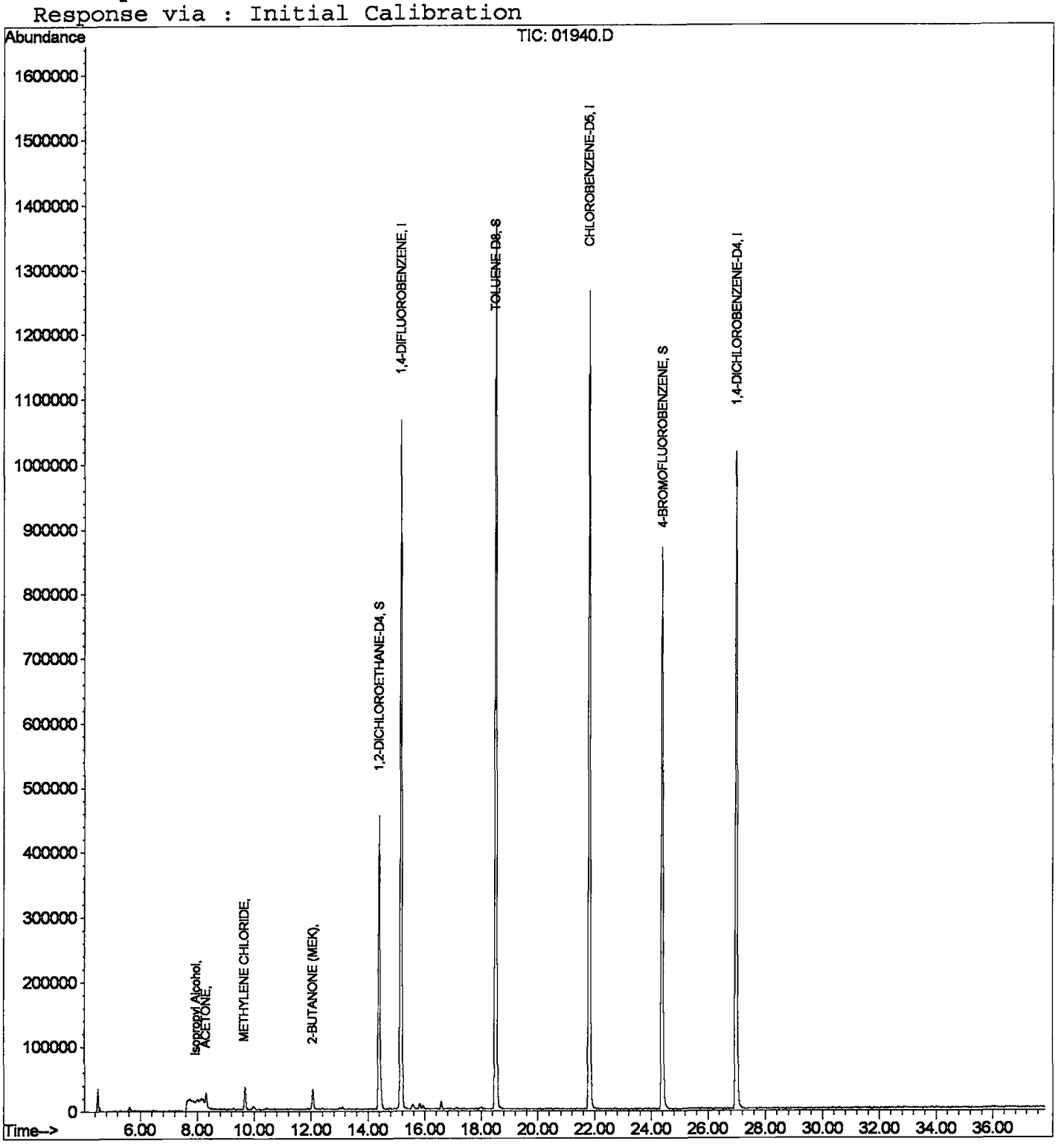
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\01940.D
Acq On : 4 Feb 2002 4:59 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P
Quant Time: Feb 4 17:37 2002

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

Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01940.D
Acq On : 4 Feb 2002 4:59 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

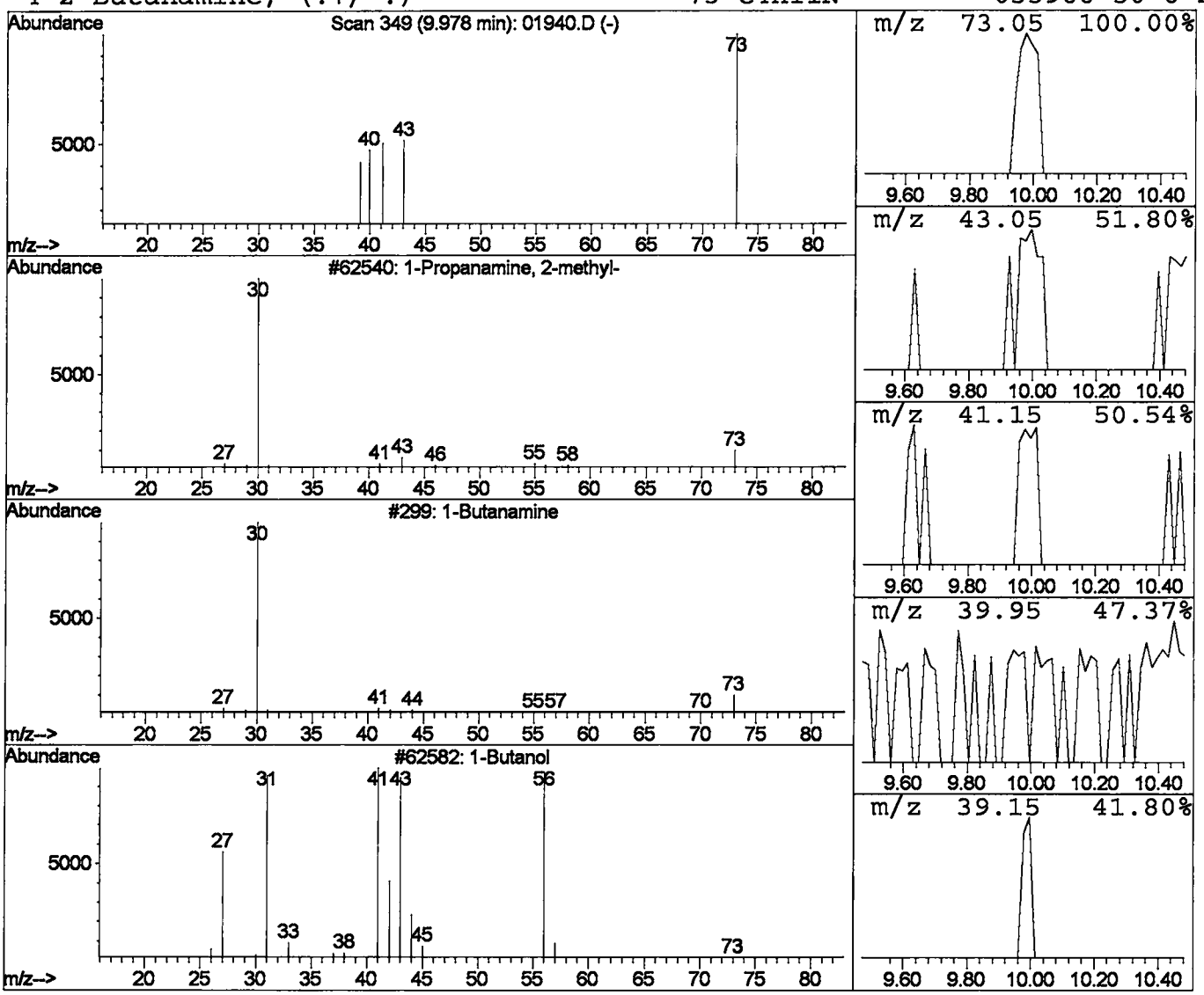
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	0.03 ug/L	24994	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	4
2	1-Butanamine	73	C4H11N	000109-73-9	3
3	1-Butanol	74	C4H10O	000071-36-3	2
4	2-Butanamine, (.+/-.)-	73	C4H11N	033966-50-6	2



Library Search Compound Report

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Acq On : 4 Feb 2002 4:59 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

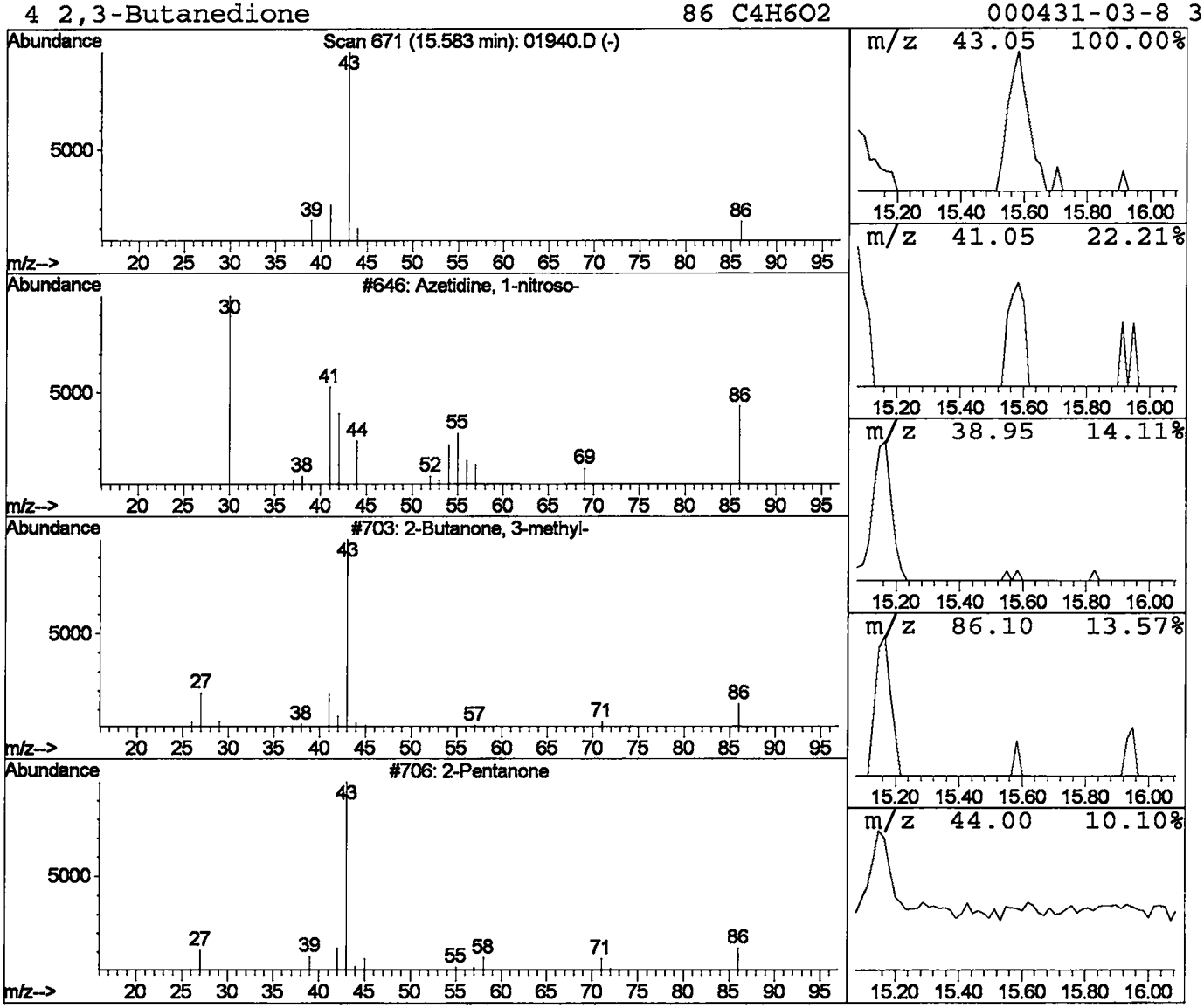
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	0.04 ug/L	33422	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	5
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	4
3	2-Pentanone	86	C5H10O	000107-87-9	4
4	2,3-Butanedione	86	C4H6O2	000431-03-8	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01940.D
Acq On : 4 Feb 2002 4:59 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

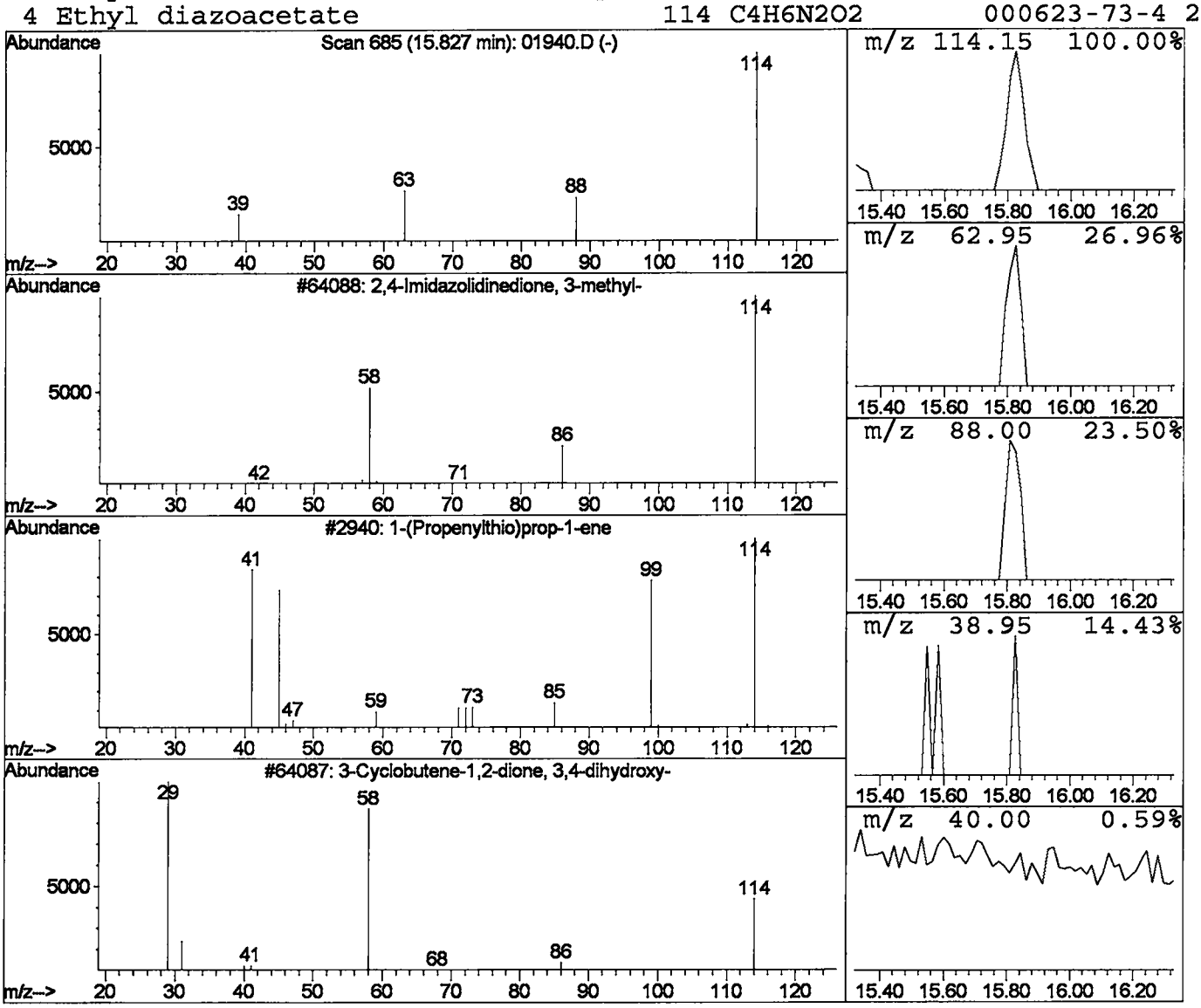
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	0.04 ug/L	34748	1,4-DIFLUOROBENZENE	15.17

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\02FEB04\01940.D
Acq On : 4 Feb 2002 4:59 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

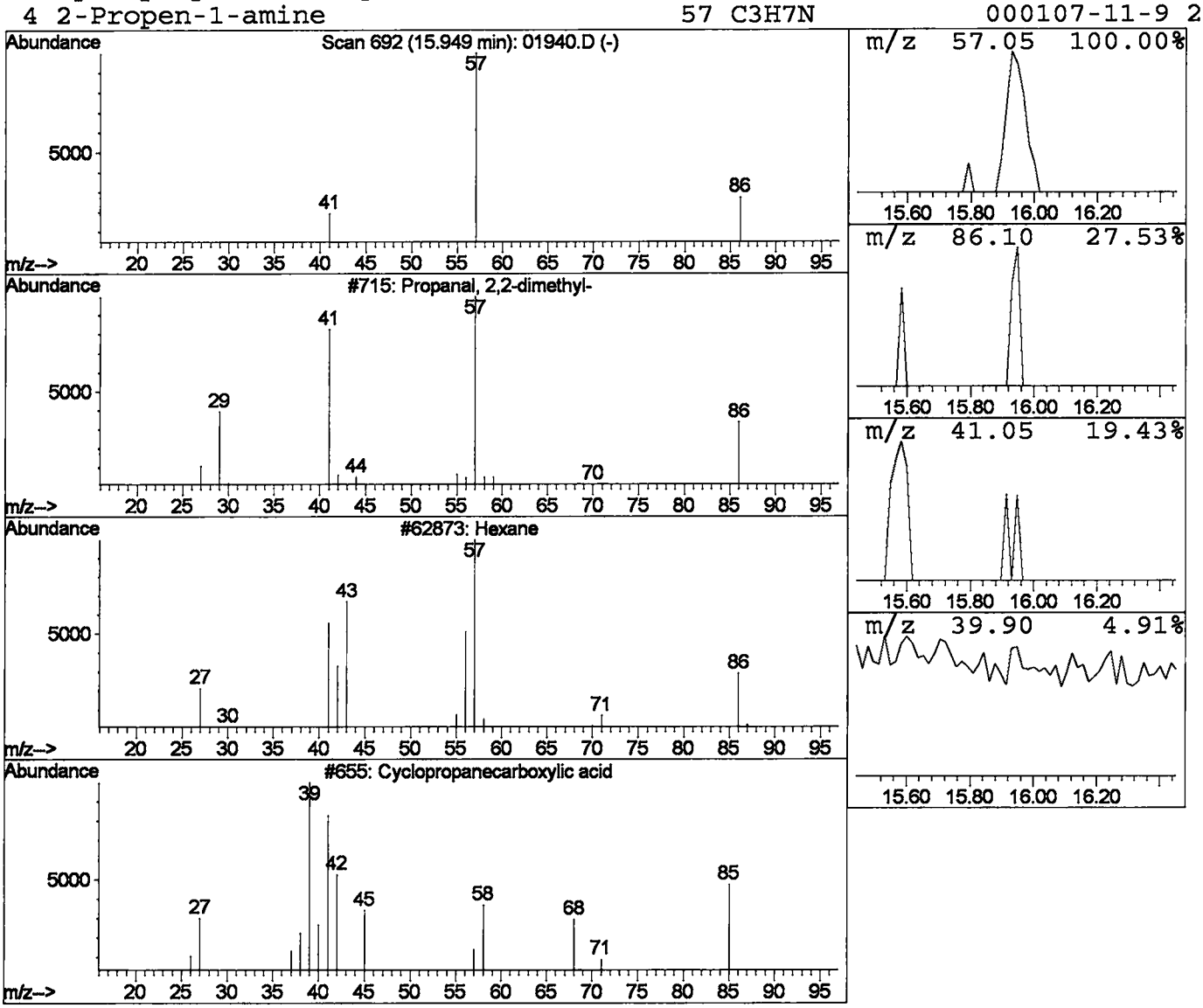
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	0.03 ug/L	24211	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	4
2	Hexane	86	C6H14	000110-54-3	4
3	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	3
4	2-Propen-1-amine	57	C3H7N	000107-11-9	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01940.D
Acq On : 4 Feb 2002 4:59 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

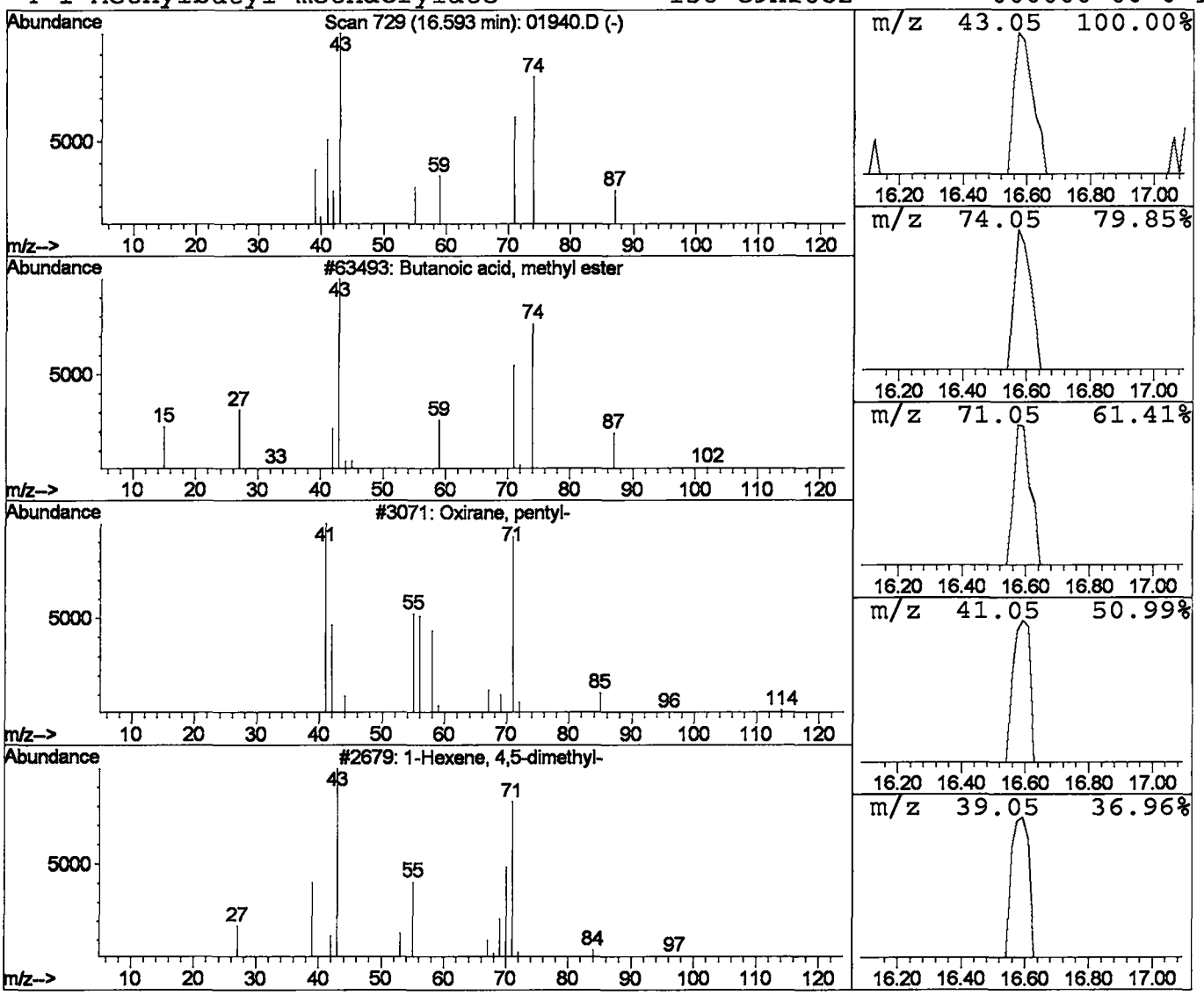
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	0.05 ug/L	42360	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	74
2	Oxirane, pentyl-	114	C7H14O	005063-65-0	9
3	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	9
4	1-Methylbutyl methacrylate	156	C9H16O2	000000-00-0	9



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:32:12

Sample: AE01941
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 00:05 Ended: 2/4/02 00:05 Analyst: BH
Result source: a:\01941.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		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 2/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:32:12

Sample: AE01941
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 00:05 Ended: 2/4/02 00:05 Analyst: BH
Result source: a:\01941.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\01941.D Vial: 11
Acq On : 4 Feb 2002 5:42 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 18:21 2002 Quant Results File: HP013102.RES

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

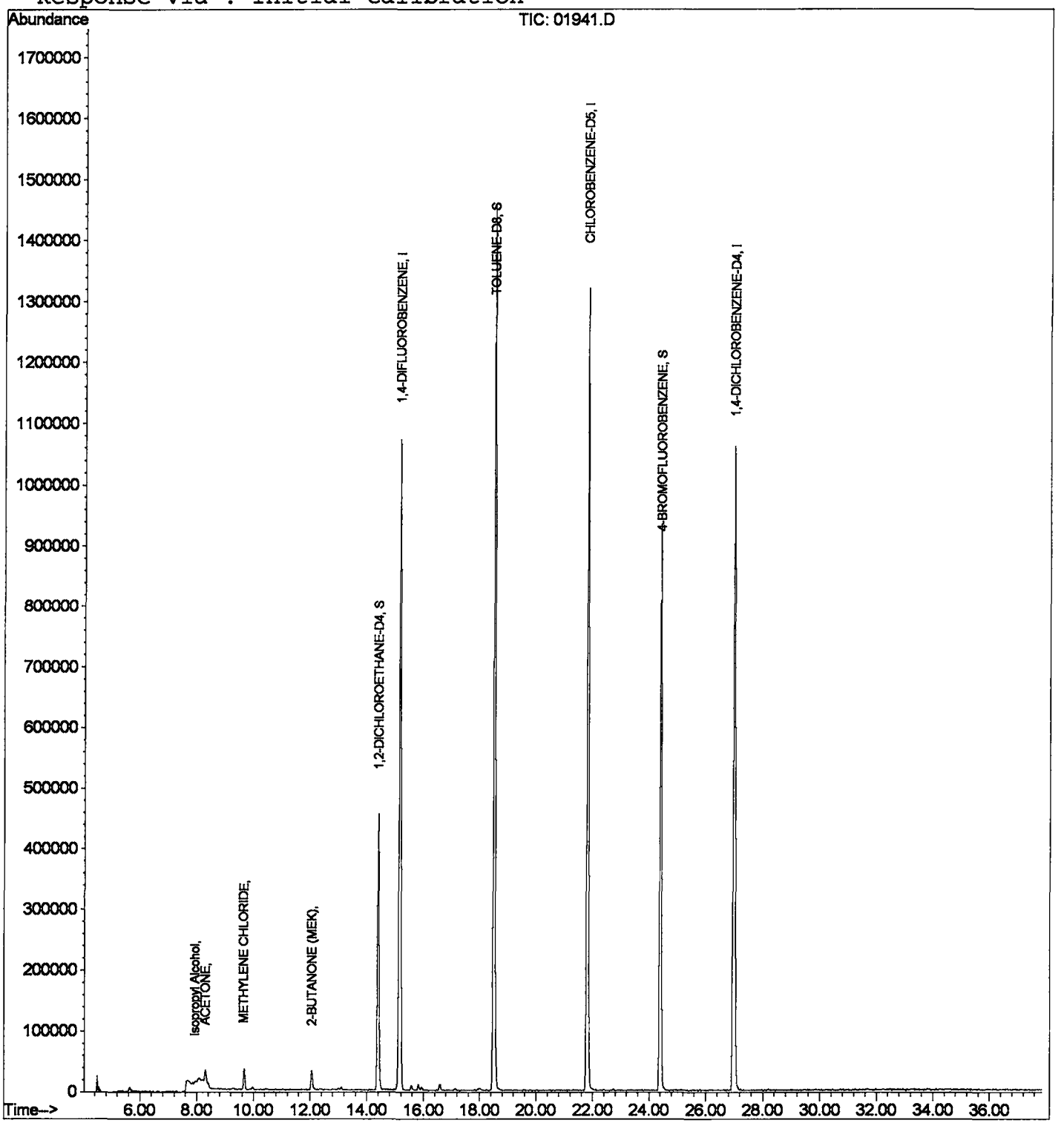
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	1553339	5.00	ug/L	0.05
24) CHLOROBENZENE-D5	21.81	117	1507295	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	27.00	152	681506	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.40	65	638588	4.75	ug/L	0.05
Spiked Amount 5.000			Recovery = 95.00%			
3) 4-BROMOFLUOROBENZENE	24.41	174	547542	4.60	ug/L	0.05
Spiked Amount 5.000			Recovery = 92.00%			
25) TOLUENE-D8	18.51	98	1910304	5.08	ug/L	0.04
Spiked Amount 5.000			Recovery = 101.60%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.94	45	5918	~~73.46~~	ug/L	77
12) ACETONE	8.31	43	65364	7.80	ug/L	91
14) METHYLENE CHLORIDE	9.66	49	41218	~~0.57 ug/L~~		95
18) 2-BUTANONE (MEK)	12.07	43	93728	~~4.76 ug/L~~		99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\01941.D Vial: 11
Acq On : 4 Feb 2002 5:42 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 18:21 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01941.D
Acq On : 4 Feb 2002 5:42 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

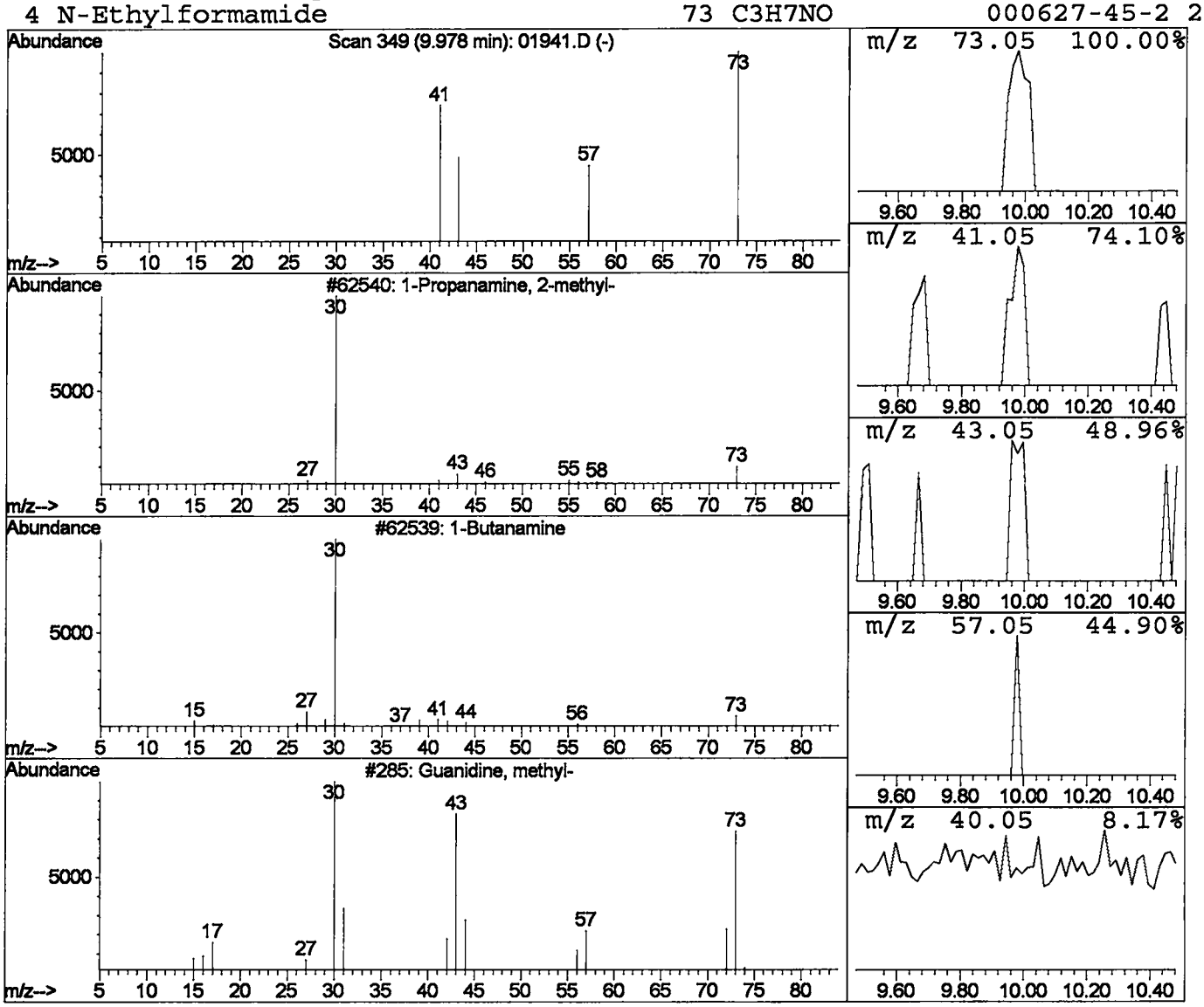
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	0.02 ug/L	16835	1,4-DIFLUOROBENZENE	15.17

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



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Acq On : 4 Feb 2002 5:42 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

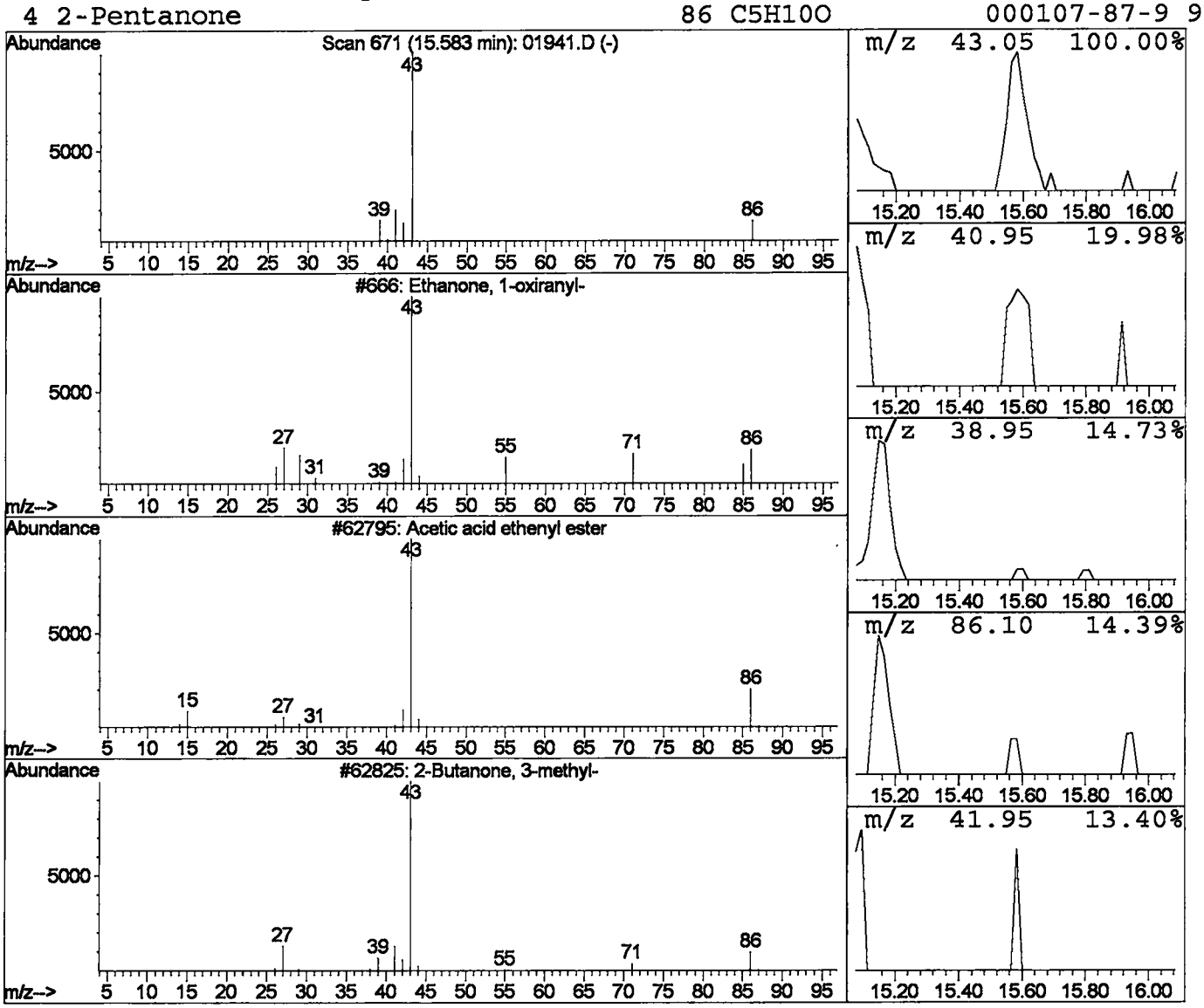
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Ethanone, 1-oxiranyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	0.04 ug/L	36203	1,4-DIFLUOROBENZENE	15.17

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01941.D
Acq On : 4 Feb 2002 5:42 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

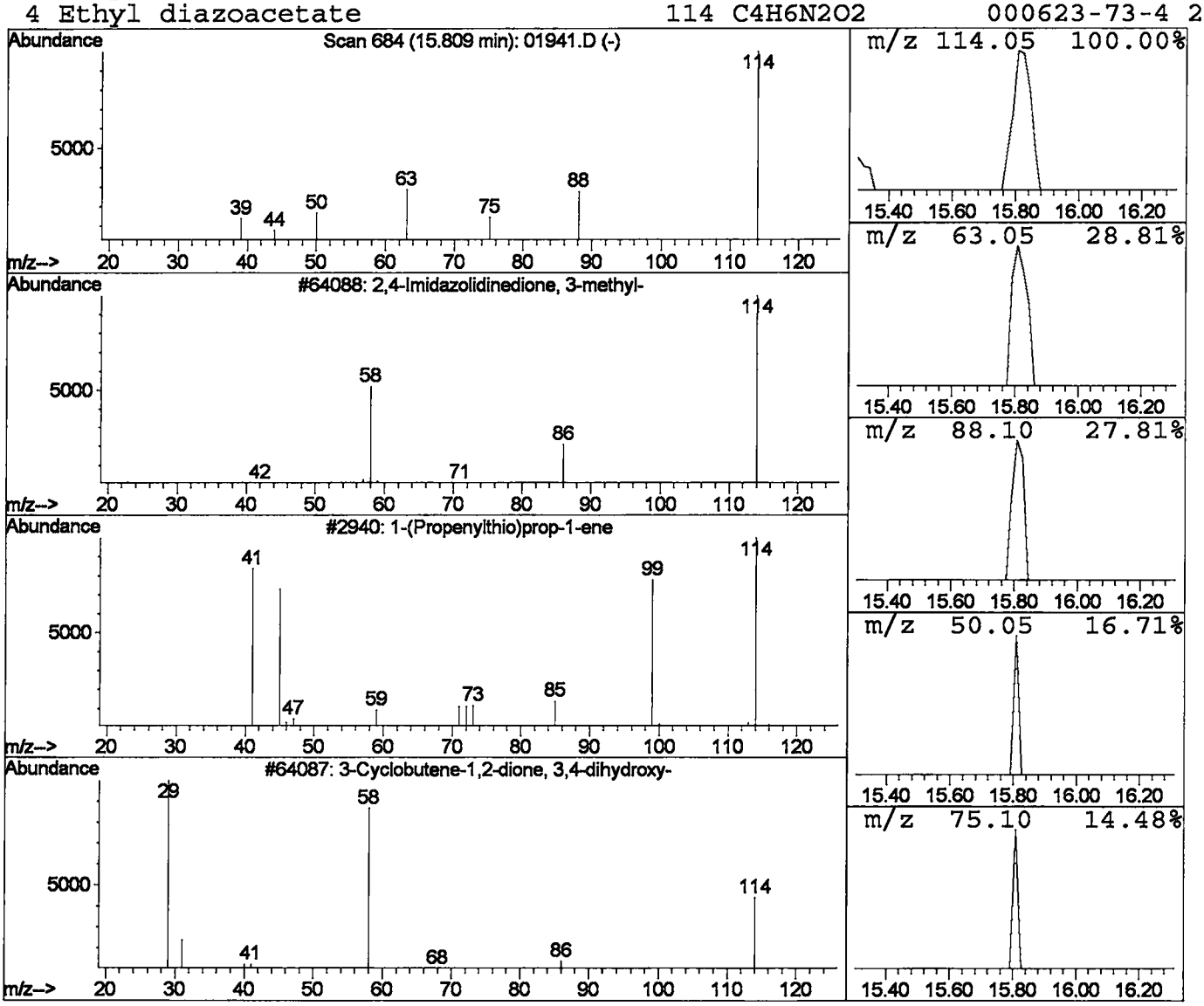
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	0.04 ug/L	33633	1,4-DIFLUOROBENZENE	15.17

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\02FEB04\01941.D
Acq On : 4 Feb 2002 5:42 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

Vial: 11
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00

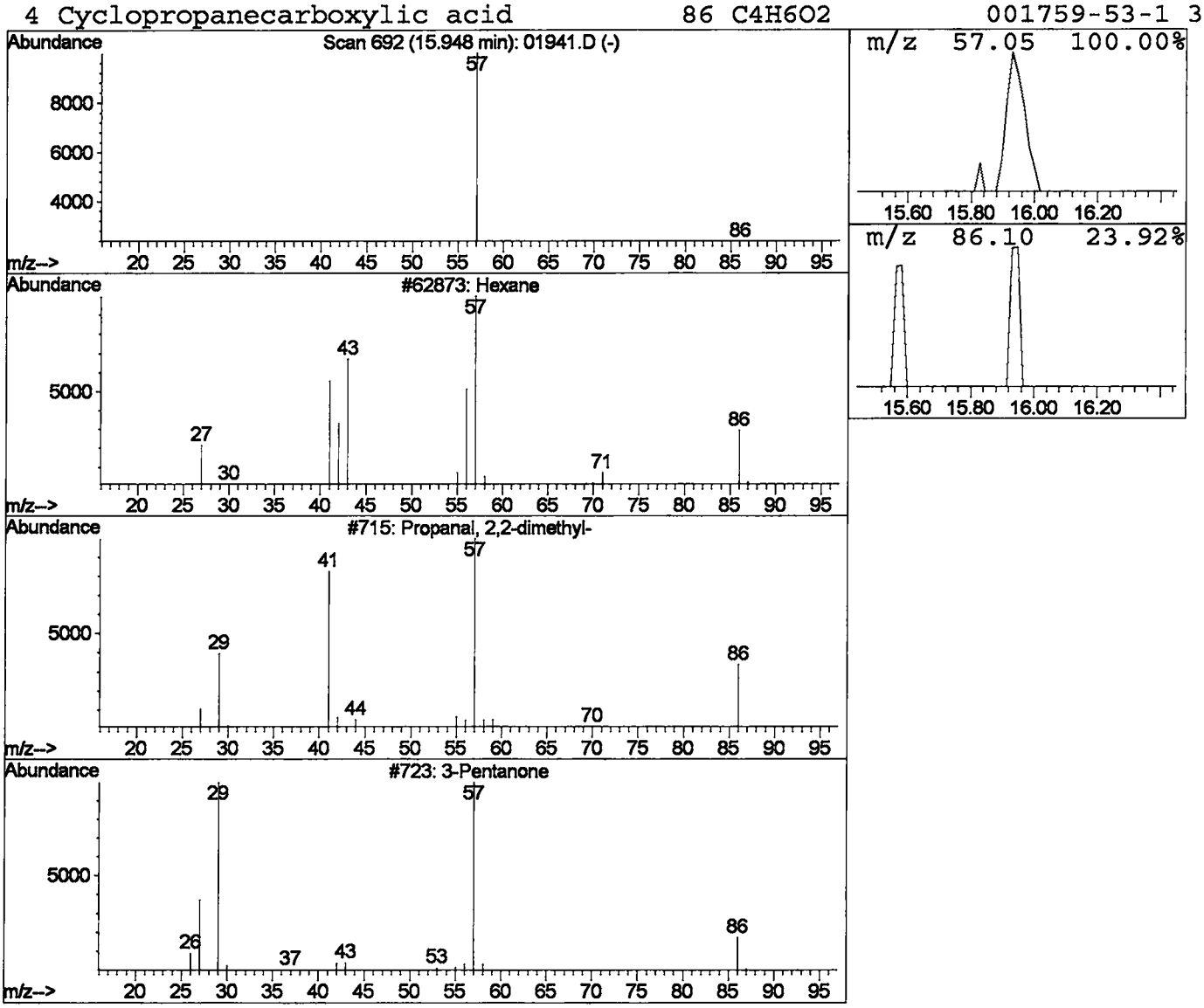
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Hexane — Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	0.02 ug/L	16237	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	4
2	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	4
3	3-Pentanone	86	C5H10O	000096-22-0	4
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01941.D Vial: 11
Acq On : 4 Feb 2002 5:42 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

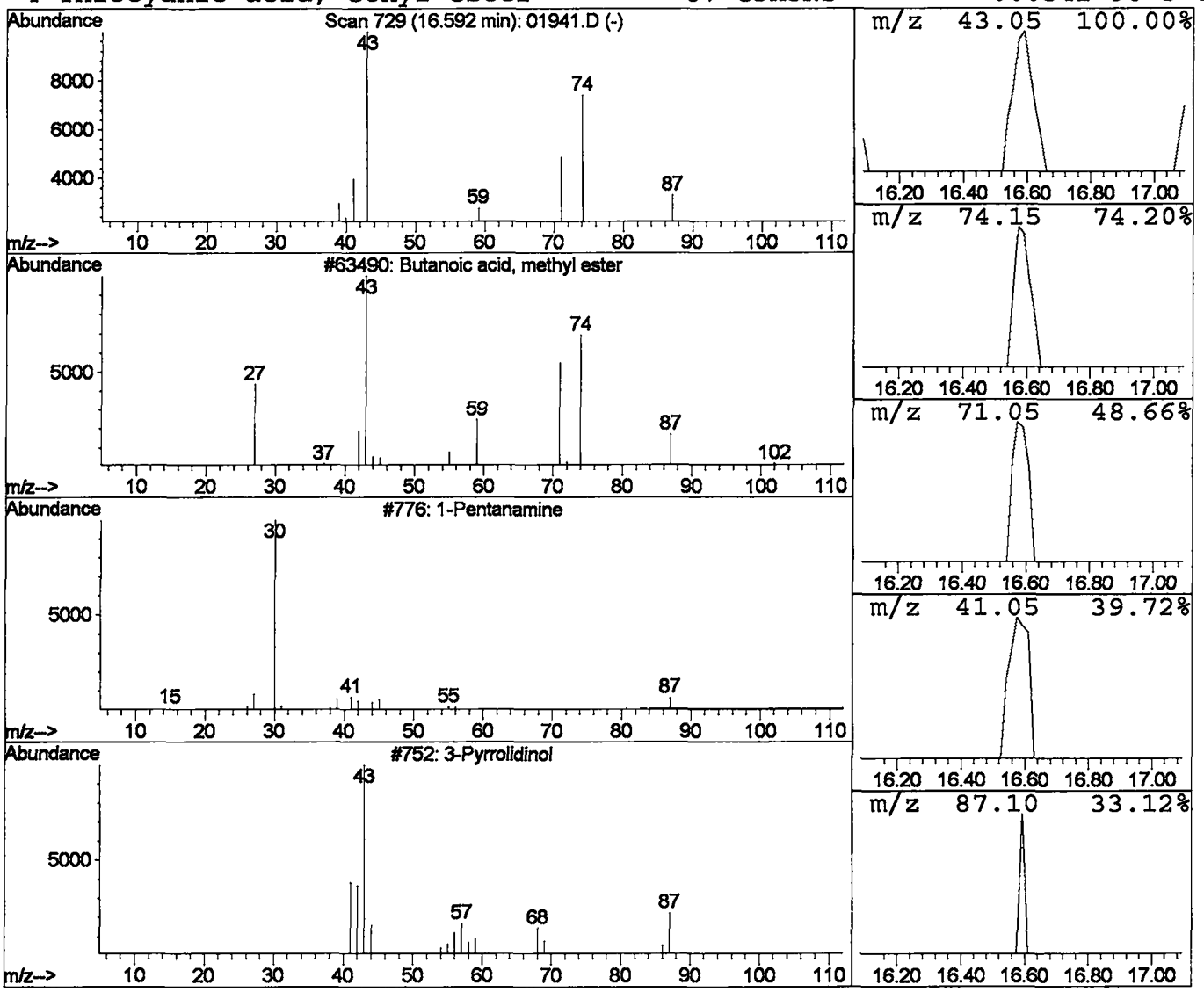
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	0.06 ug/L	47584	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	74
2	1-Pentanamine	87	C5H13N	000110-58-7	7
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	5
4	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:33:39

Sample: AE01942
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 00:06 Ended: 2/4/02 00:06 Analyst: BH
Result source: a:\01942.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		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 2/13/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:33:39

Sample: AE01942
Analysis: 8524 Volatile Organic Compounds
Units: ug
Started: 2/4/02 00:06 Ended: 2/4/02 00:06 Analyst: BH
Result source: a:\01942.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\01942.D Vial: 12
Acq On : 4 Feb 2002 6:26 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 19:04 2002 Quant Results File: HP013102.RES

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

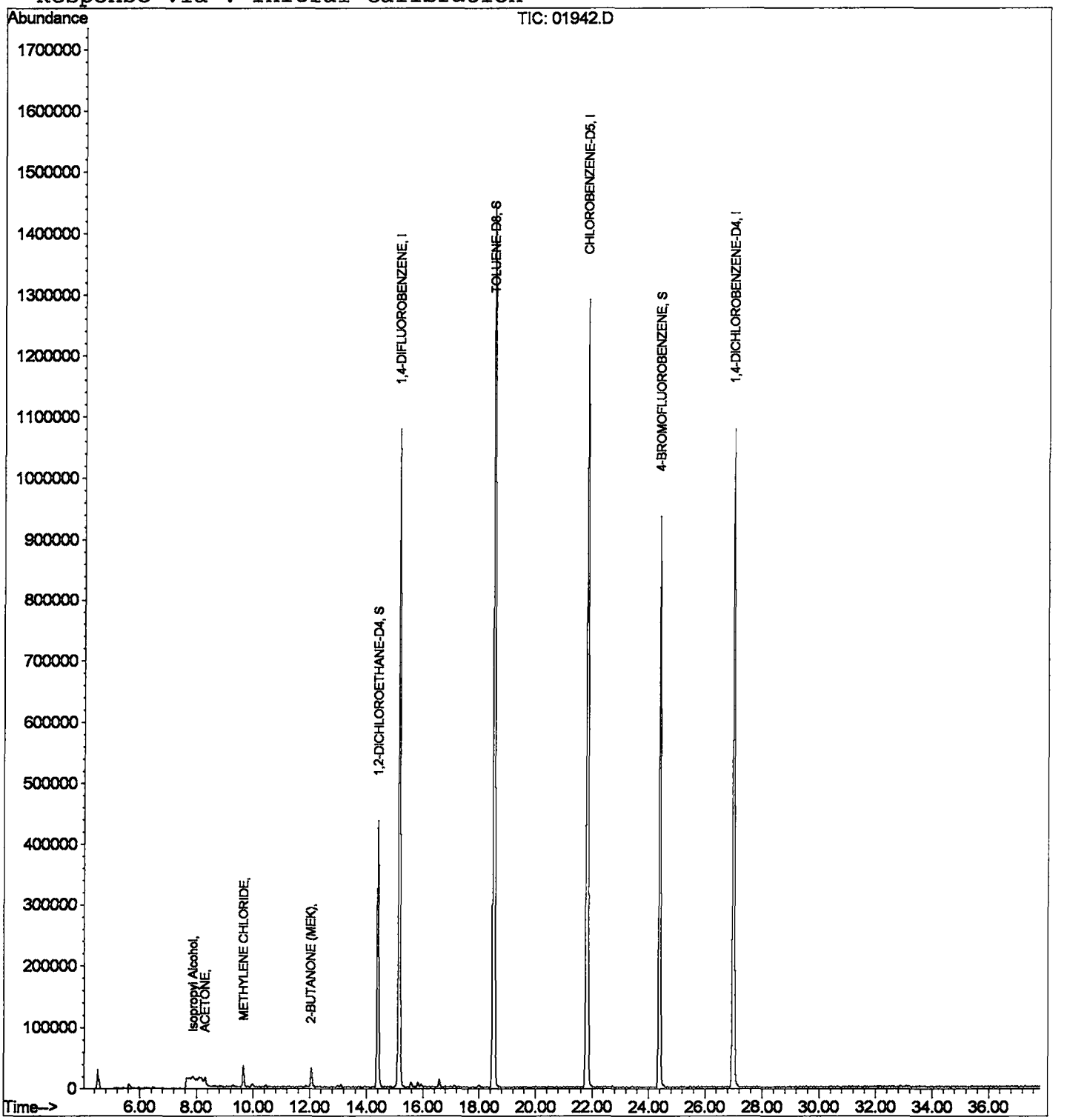
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1547299	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	1487453	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.98	152	677336	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.40	65	640154	4.78	ug/L	0.05
Spiked Amount 5.000			Recovery = 95.60%			
3) 4-BROMOFLUOROBENZENE	24.39	174	544795	4.59	ug/L	0.04
Spiked Amount 5.000			Recovery = 91.80%			
25) TOLUENE-D8	18.51	98	1891973	5.10	ug/L	0.04
Spiked Amount 5.000			Recovery = 102.00%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.87	45	11212	~~139.72~~	ug/L	89
12) ACETONE	8.31	43	43830	5.25	ug/L	99
14) METHYLENE CHLORIDE	9.67	49	39973	~~0.56 ug~~/L		97
18) 2-BUTANONE (MEK)	12.05	43	91093	~~4.64 ug~~/L		94

(#) = qualifier out of range (m) = manual integration
01942.D HP013102.M Mon Feb 04 19:04:39 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\01942.D Vial: 12
Acq On : 4 Feb 2002 6:26 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 19:04 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01942.D
Acq On : 4 Feb 2002 6:26 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

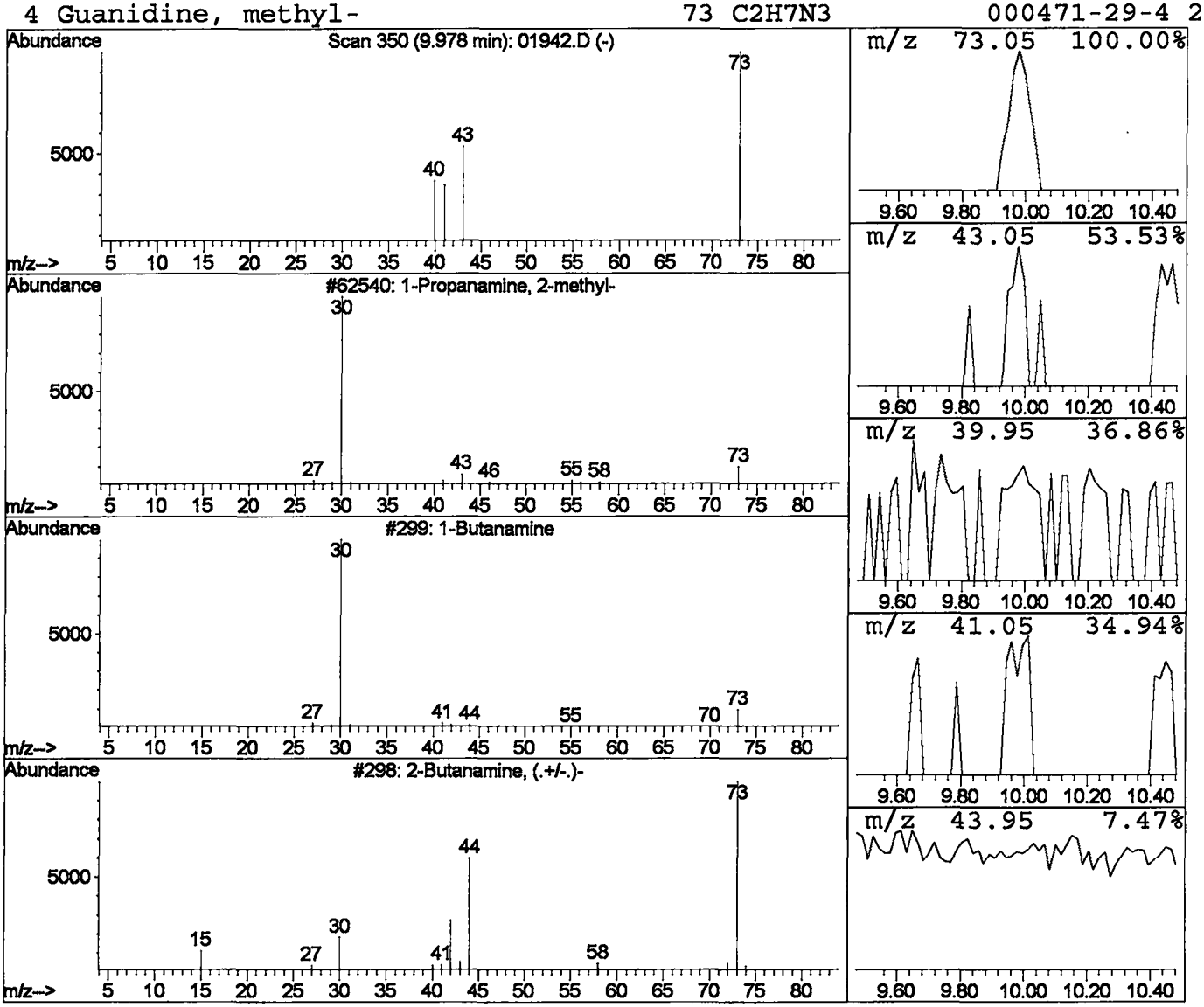
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	0.03 ug/L	28283	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	4
2	1-Butanamine	73	C4H11N	000109-73-9	3
3	2-Butanamine, (.+/-.)-	73	C4H11N	033966-50-6	2
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01942.D
Acq On : 4 Feb 2002 6:26 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

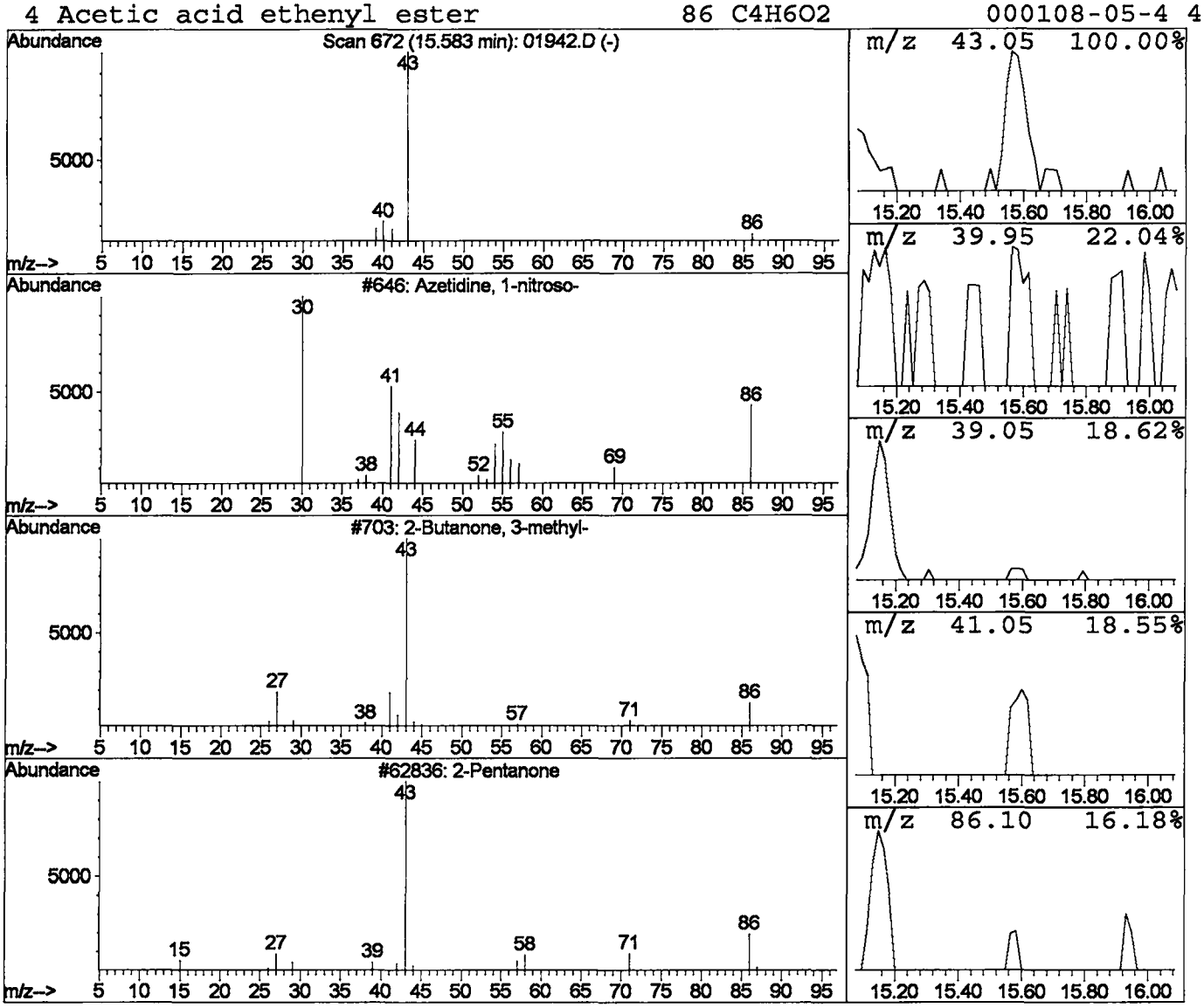
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	0.04 ug/L	36451	1,4-DIFLUOROBENZENE	15.15

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01942.D
Acq On : 4 Feb 2002 6:26 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

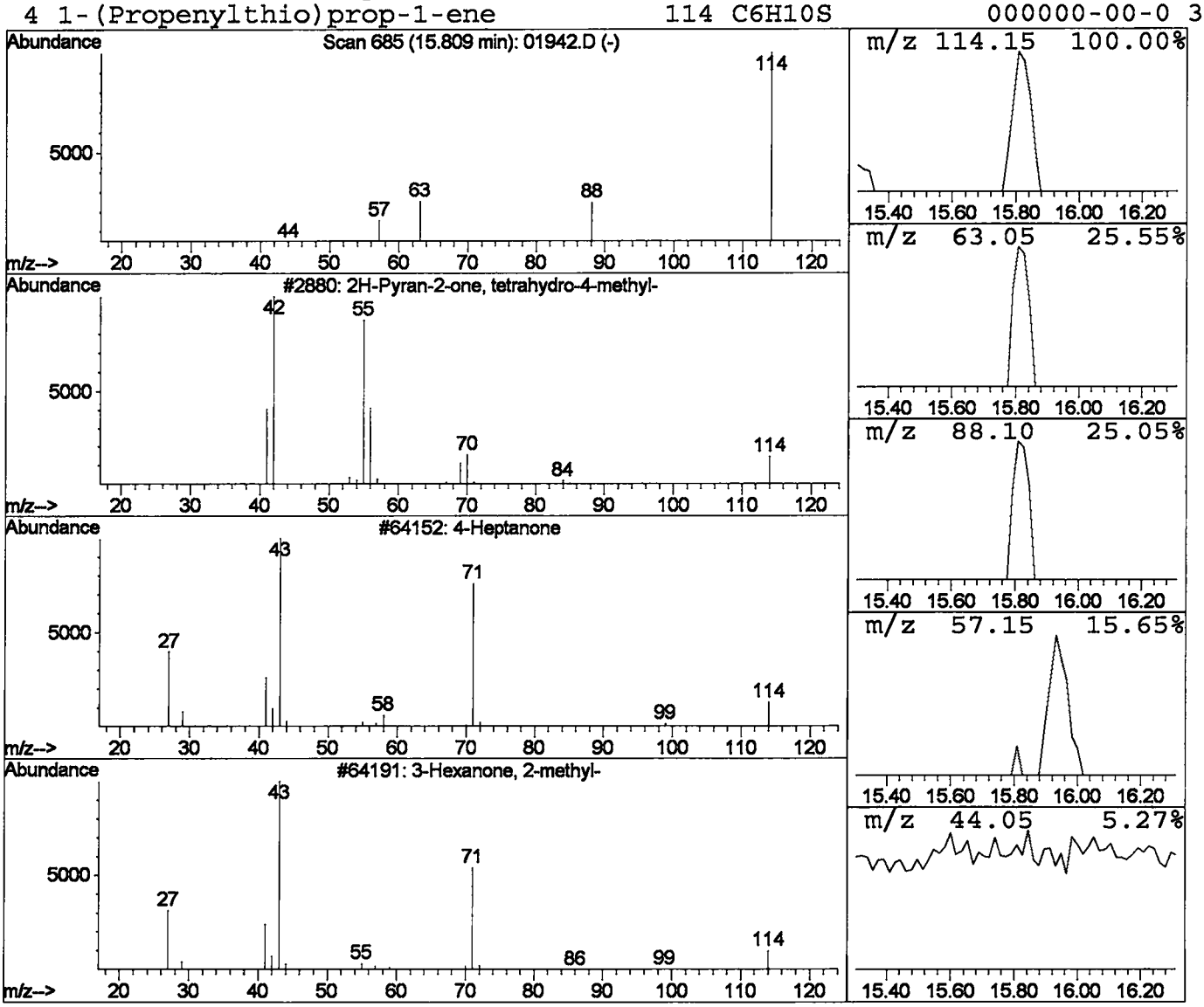
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2H-Pyran-2-one, tetrahydro-4-m Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	0.04 ug/L	33806	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01942.D
Acq On : 4 Feb 2002 6:26 pm
Sample : nyc
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

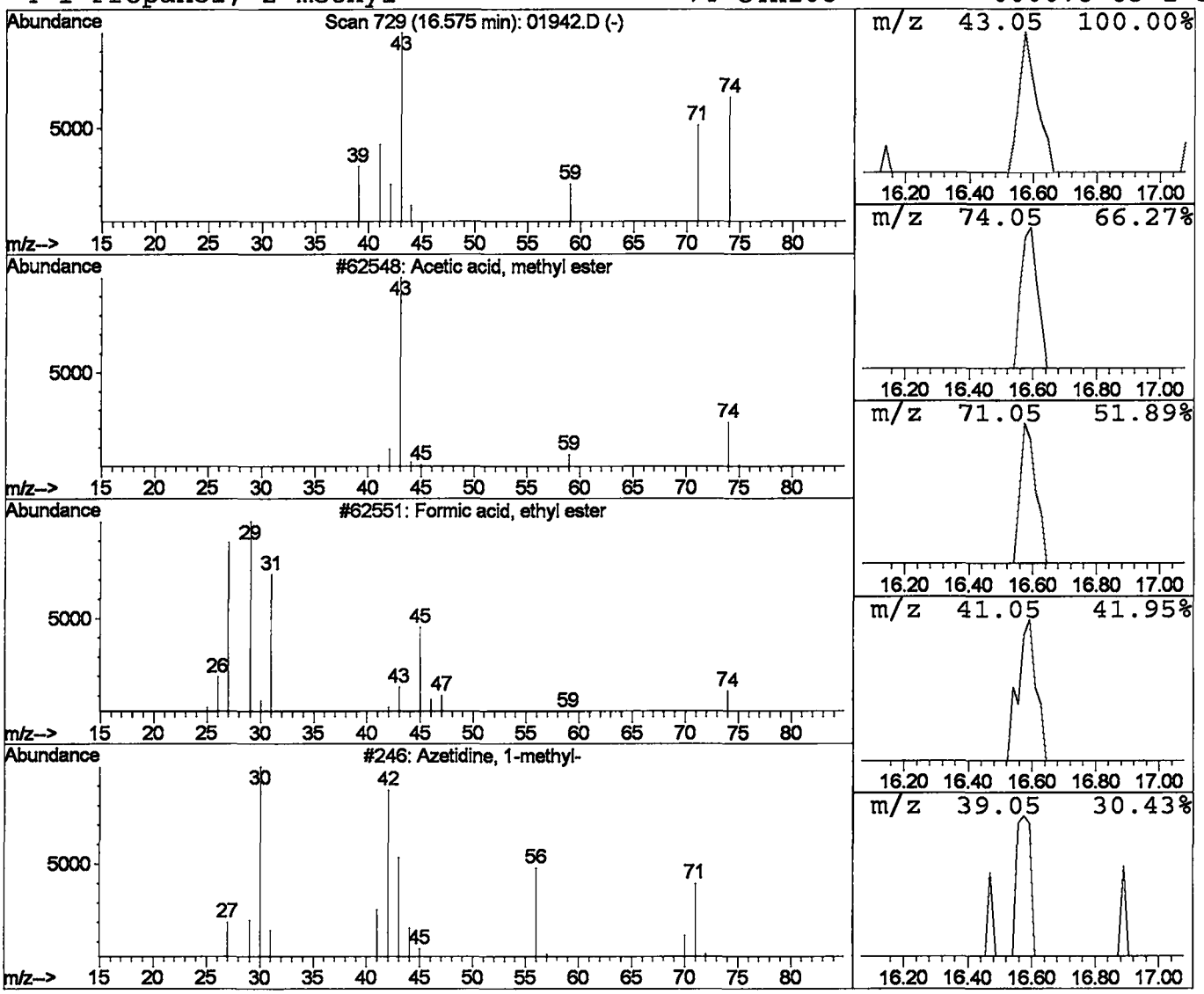
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Acetic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	0.06 ug/L	48886	1,4-DIFLUOROBENZENE	15.15

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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:36:39

Sample: AE01937
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/4/02 00:07 Ended: 2/4/02 00:07 Analyst: BH
Result source: a:\01937f.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.7		.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		< 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	Dibromochioromethane		< 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: 02/05/2002 Time: 15:36:39

Sample: AE01937
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/4/02 00:07 Ended: 2/4/02 00:07 Analyst: BH
Result source: a:\01937f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\01937F.D Vial: 13
Acq On : 4 Feb 2002 7:09 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 19:47 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1575867	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	1528645	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.98	152	686171	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	644741	4.72	ug/L	0.04
Spiked Amount 5.000			Recovery =	94.40%		
3) 4-BROMOFLUOROBENZENE	24.39	174	546827	4.52	ug/L	0.04
Spiked Amount 5.000			Recovery =	90.40%		
25) TOLUENE-D8	18.51	98	1944051	5.10	ug/L	0.04
Spiked Amount 5.000			Recovery =	102.00%		
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.92	45	12742	~~155.91~~	ug/L	71
12) ACETONE	8.31	43	270501	31.82	ug/L	97
14) METHYLENE CHLORIDE	9.67	49	76404	~~1.04~~	~~ug/~~L	98
15) METHYL TERT BUTYL ETHER	9.96	73	34070	~~0.37~~	ug/L	100
18) 2-BUTANONE (MEK)	12.05	43	90724	~~4.54~~	~~ug/~~L	100

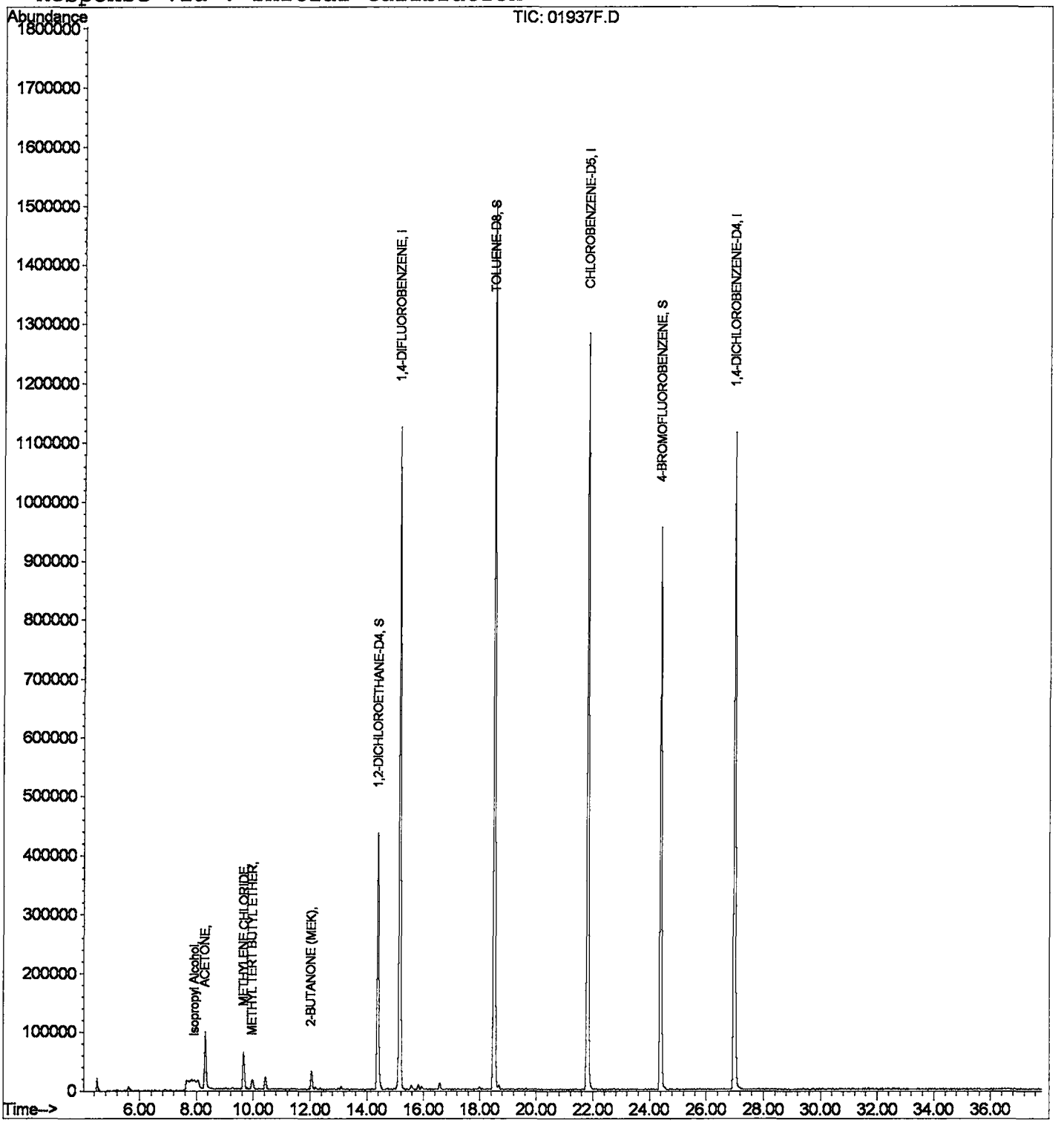
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\01937F.D
Acq On : 4 Feb 2002 7:09 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P
Quant Time: Feb 4 19:47 2002

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

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01937F.D
Acq On : 4 Feb 2002 7:09 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

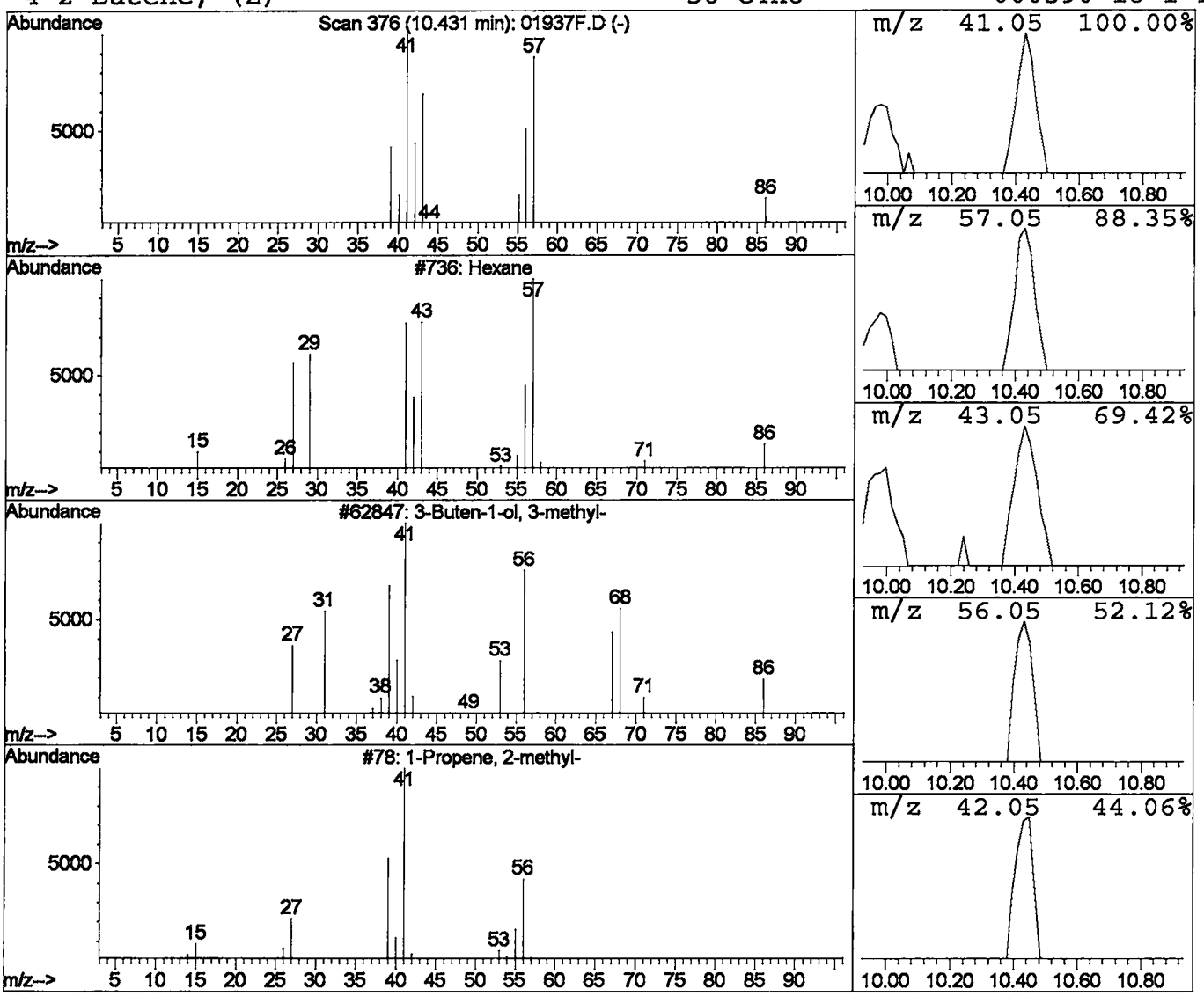
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	0.10 ug/L	89167	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane	86	C6H14	000110-54-3	64
2	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	38
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9
4	2-Butene, (Z)-	56	C4H8	000590-18-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01937F.D
Acq On : 4 Feb 2002 7:09 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

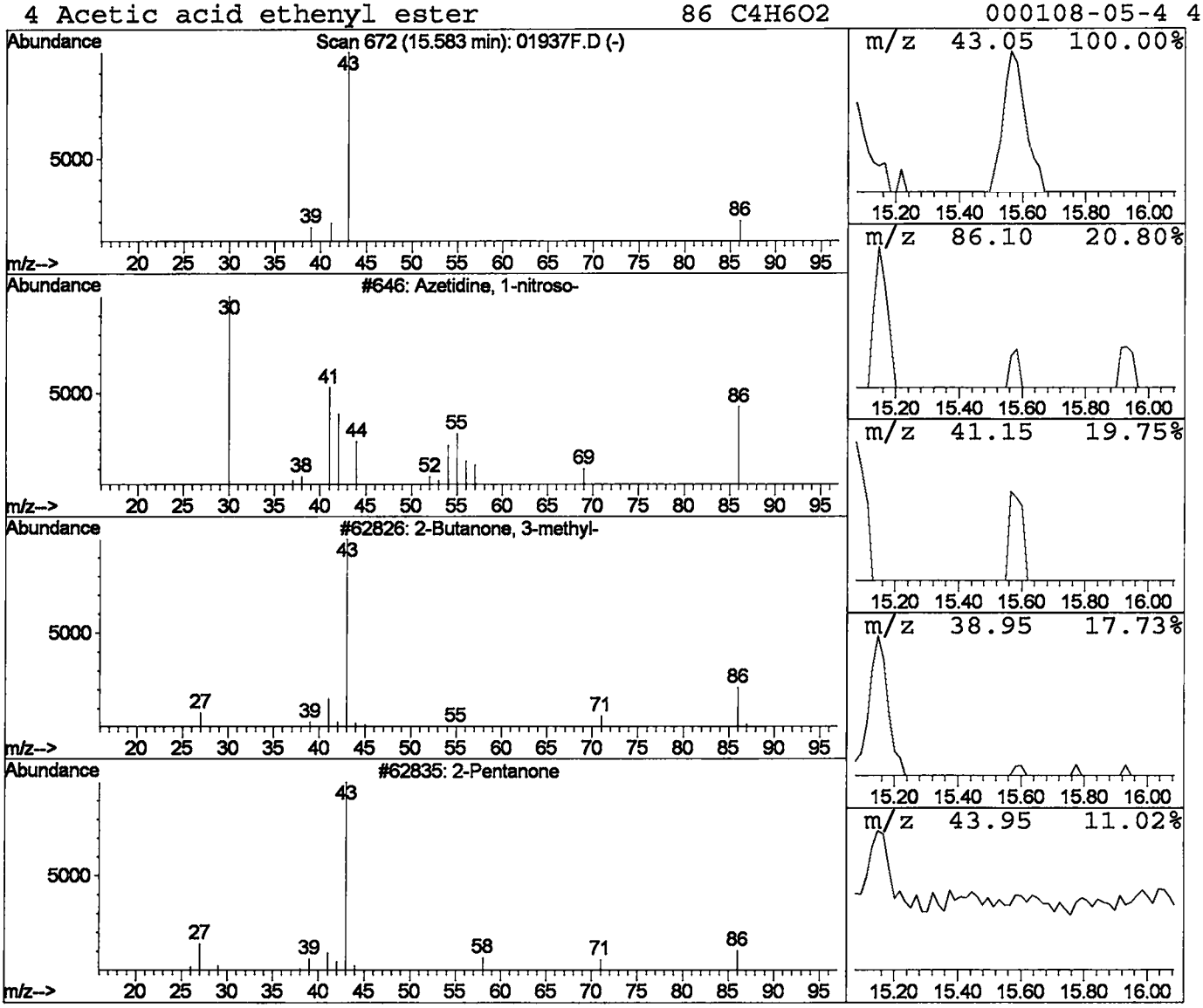
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Azetidine, 1-nitroso- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	0.04 ug/L	33581	1,4-DIFLUOROBENZENE	15.15

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01937F.D
Acq On : 4 Feb 2002 7:09 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

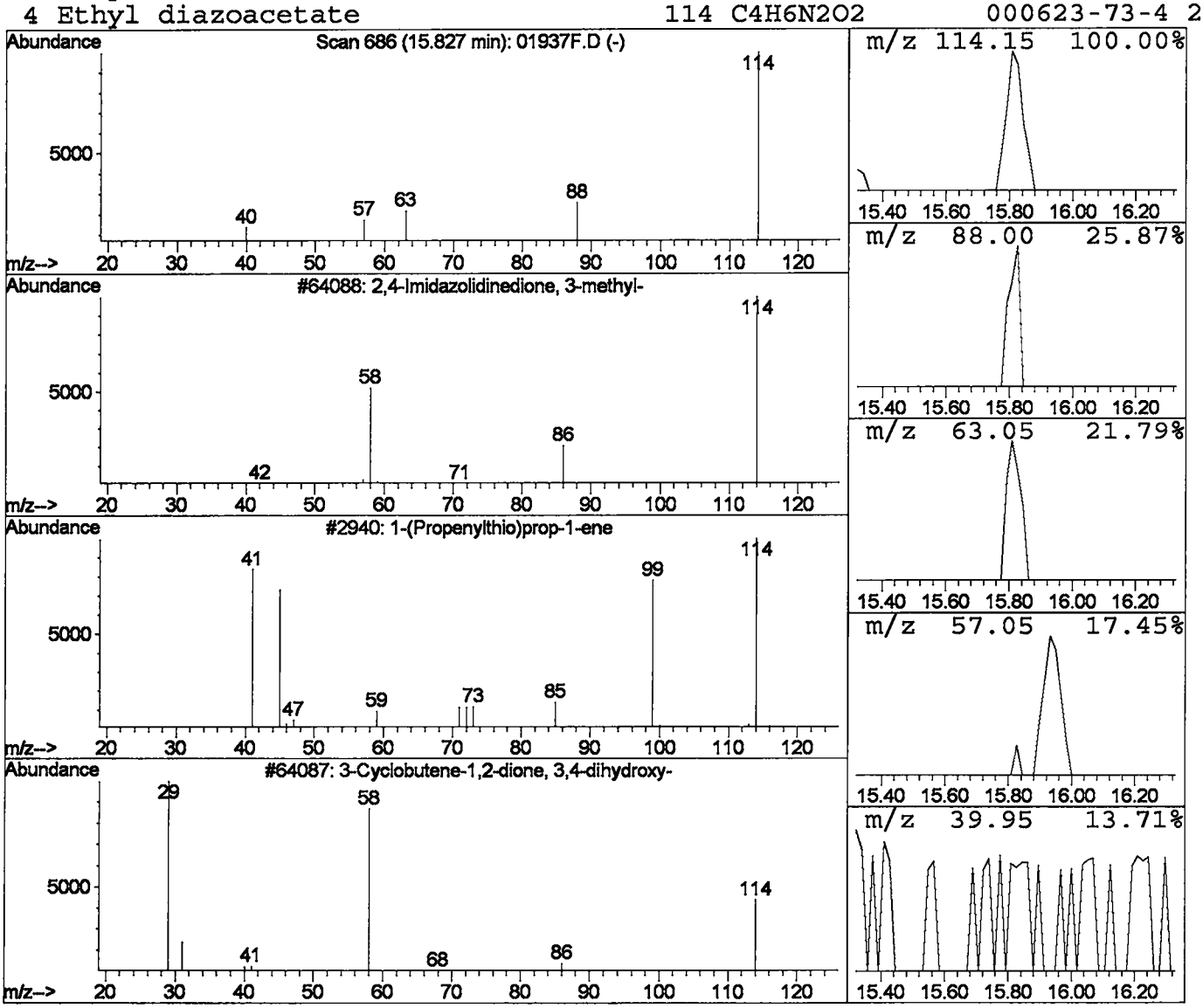
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	0.04 ug/L	36999	1,4-DIFLUOROBENZENE	15.15

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\02FEB04\01937F.D
Acq On : 4 Feb 2002 7:09 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

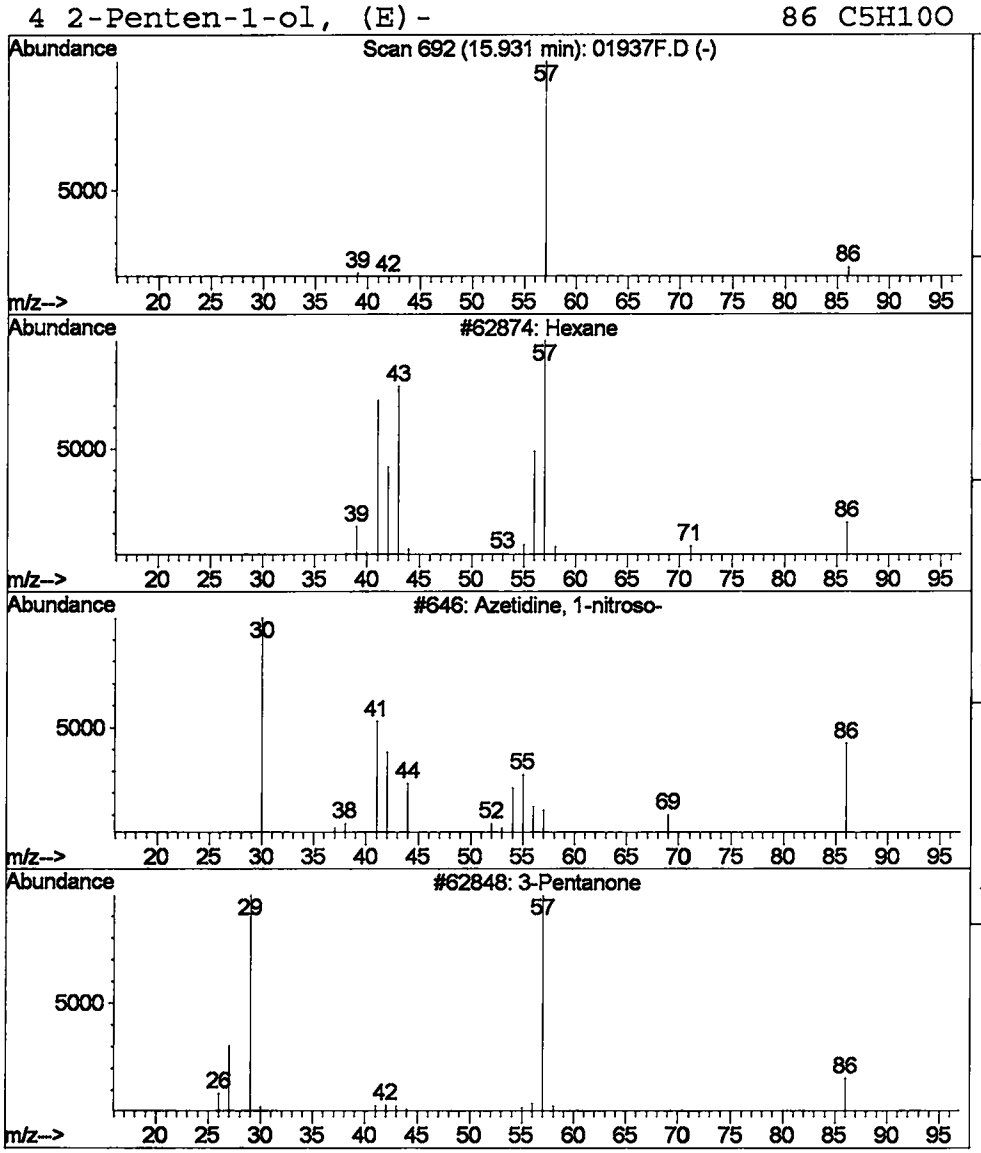
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

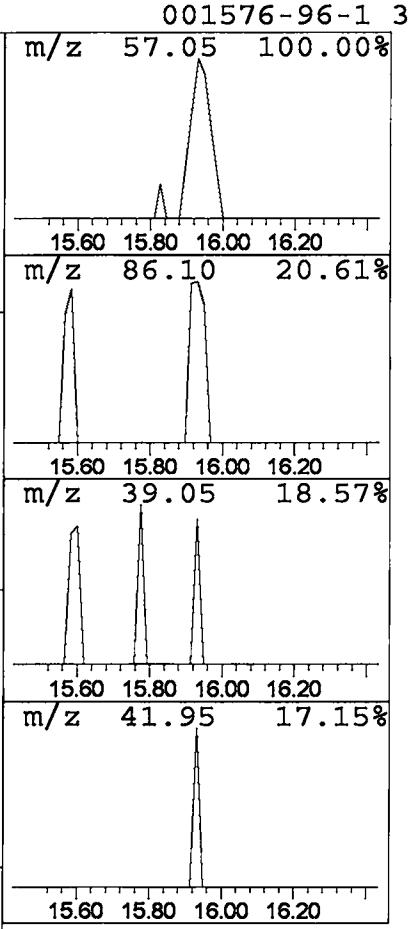
****

Peak Number 4 Hexane — Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	0.03 ug/L	24436	1,4-DIFLUOROBENZENE	15.15

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





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01937F.D
Acq On : 4 Feb 2002 7:09 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

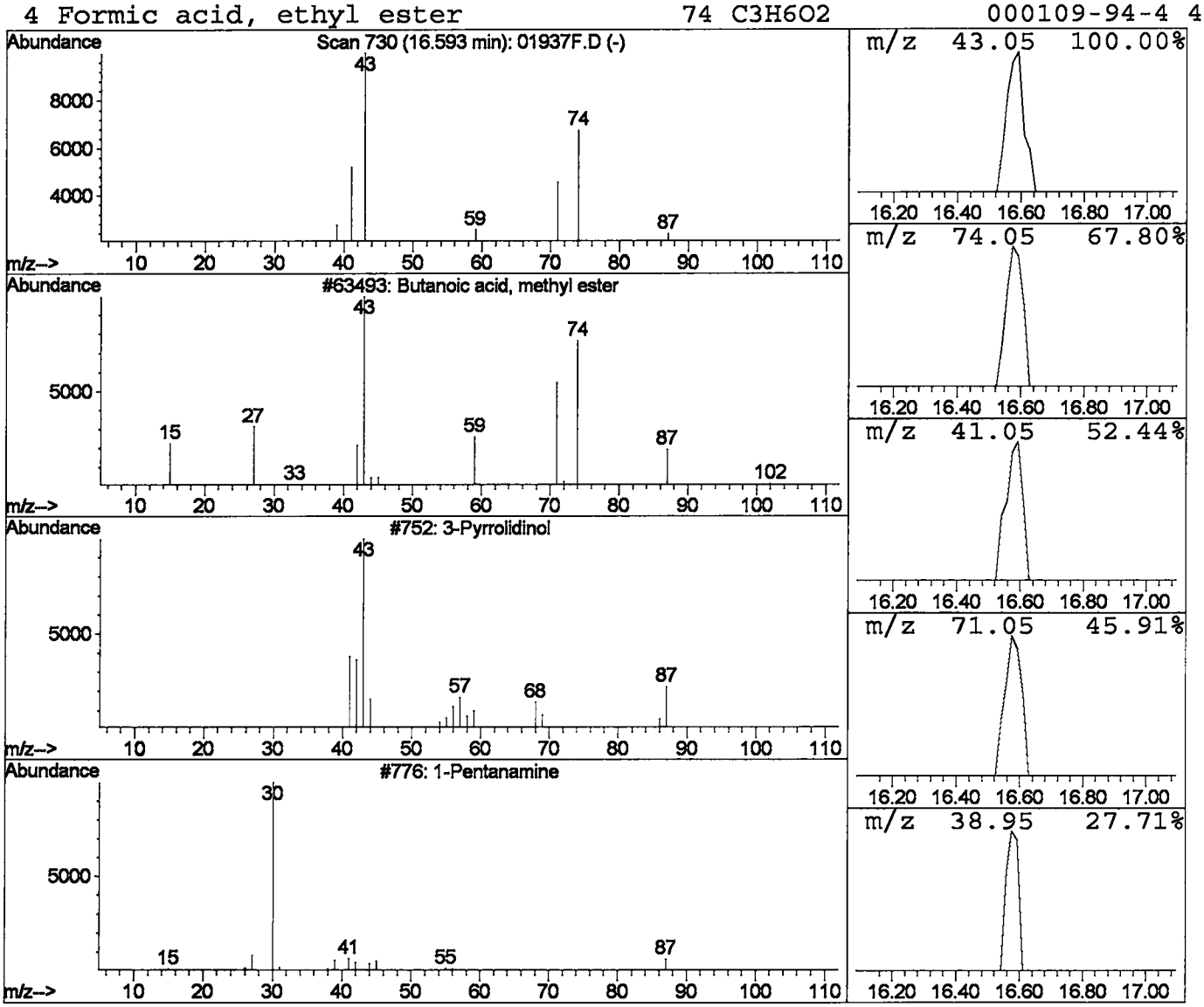
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	0.06 ug/L	50877	1,4-DIFLUOROBENZENE	15.15

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	1-Pentanamine	87	C5H13N	000110-58-7	4
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:40:04

Sample: AE01942
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/4/02 00:07 Ended: 2/4/02 00:07 Analyst: BH
Result source: a:\01942f.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.8		.5
2	Surr_4-BROMOFLUOROBENZE		4.2		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.5		.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: 02/05/2002 Time: 15:40:04

Sample: AE01942
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 2/4/02 00:07 Ended: 2/4/02 00:07 Analyst: BH
Result source: a:\01942f.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\01942F.D Vial: 14
Acq On : 4 Feb 2002 7:52 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 20:31 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1600406	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.80	117	1413640	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.98	152	638020	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	660532	4.77	ug/L	0.03
Spiked Amount 5.000			Recovery = 95.40%			
3) 4-BROMOFLUOROBENZENE	24.39	174	513896	4.19	ug/L	0.03
Spiked Amount 5.000			Recovery = 83.80%			
25) TOLUENE-D8	18.51	98	1933021	5.48	ug/L	0.03
Spiked Amount 5.000			Recovery = 109.60%			
Target Compounds						Qvalue
10) Isopropyl Alcohol	7.91	45	2766	~~33.32~~	ug/L	60
12) ACETONE	8.29	43	615316	71.27	ug/L	98
14) METHYLENE CHLORIDE	9.66	49	44842	~~0.60~~	ug/L	95
18) 2-BUTANONE (MEK)	12.05	43	92556	~~4.56~~	ug/L	100
37) TOLUENE	18.68	91	16881	~~0.08~~	ug/L	83

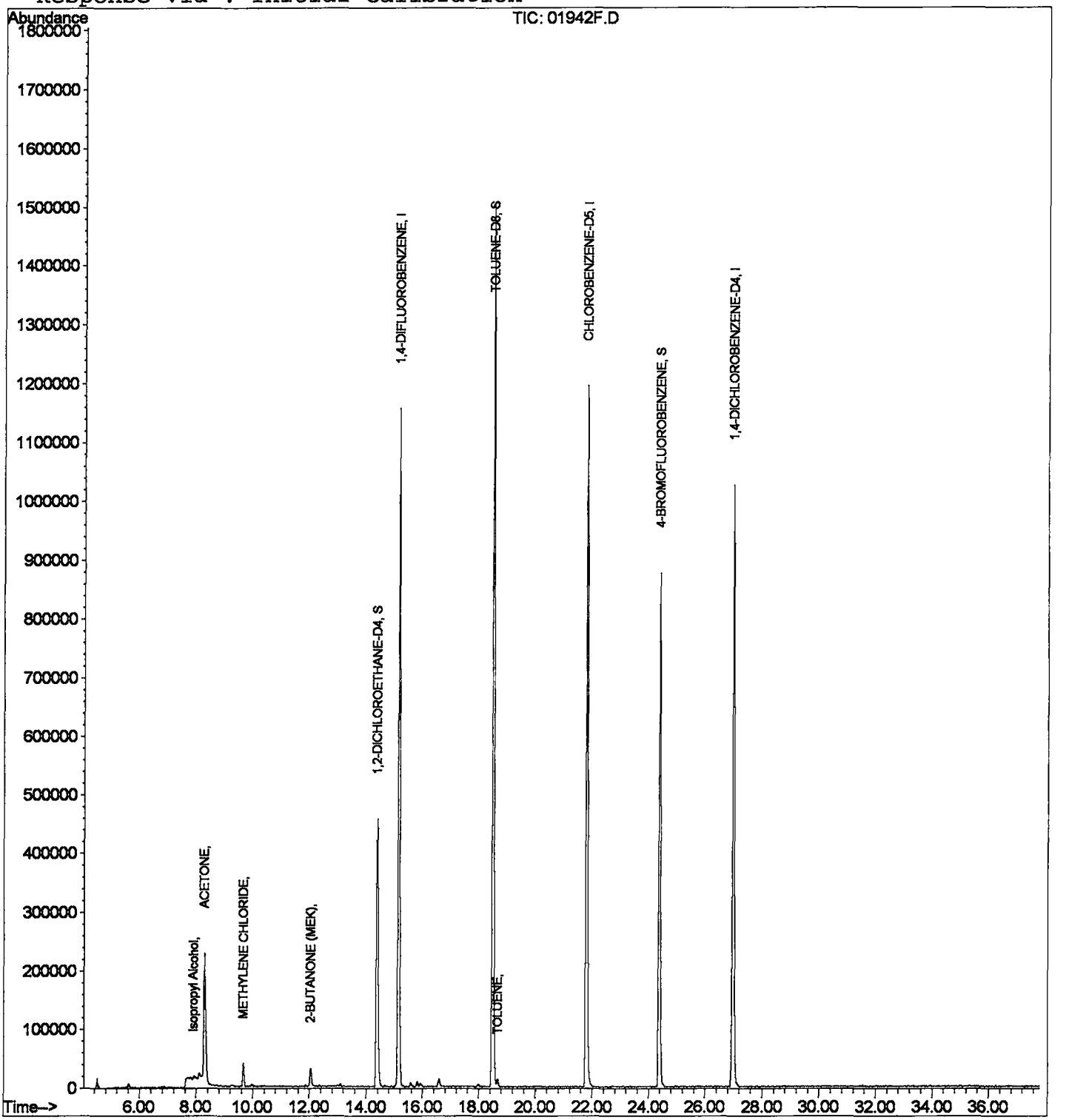
(#) = qualifier out of range (m) = manual integration
01942F.D HP013102.M Mon Feb 04 20:31:20 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\01942F.D
Acq On : 4 Feb 2002 7:52 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P
Quant Time: Feb 4 20:31 2002

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01942F.D
Acq On : 4 Feb 2002 7:52 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

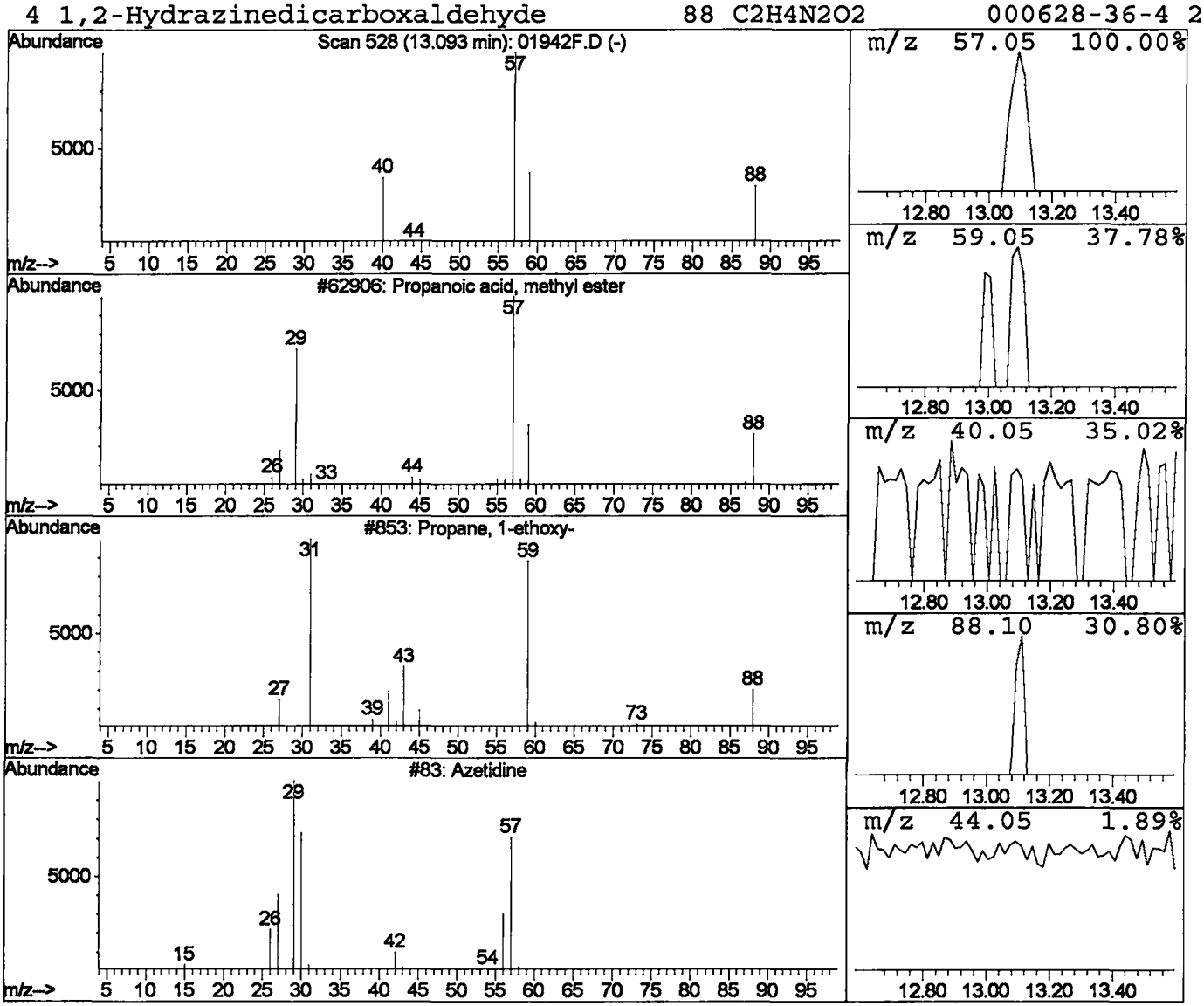
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Propanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	0.02 ug/L	18117	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, methyl ester	88	C4H8O2	000554-12-1	9
2	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
3	Azetidine	57	C3H7N	000503-29-7	2
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01942F.D Vial: 14
Acq On : 4 Feb 2002 7:52 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

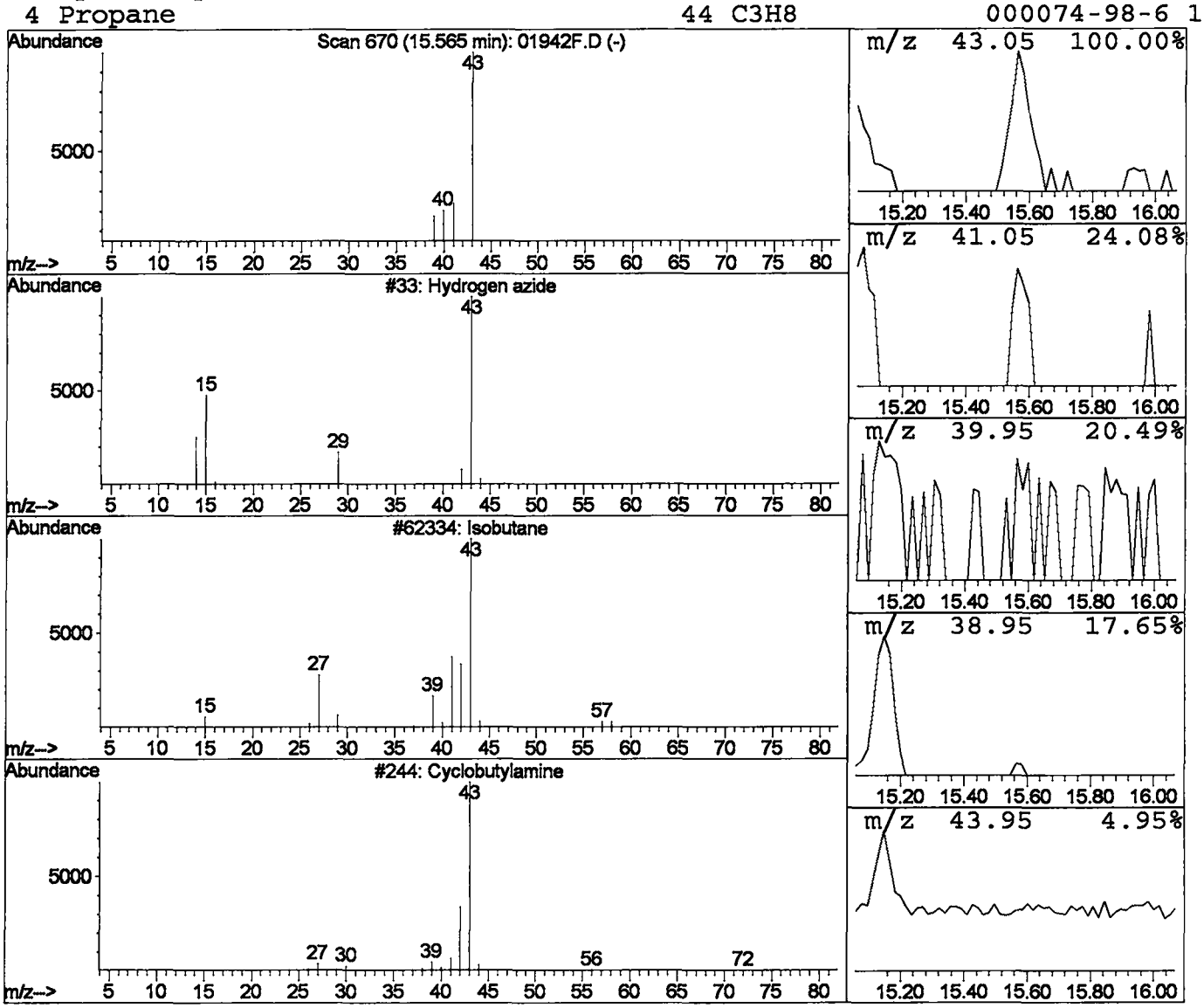
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hydrogen azide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	0.04 ug/L	33323	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen azide	43	HN3	007782-79-8	2
2	Isobutane	58	C4H10	000075-28-5	1
3	Cyclobutylamine	71	C4H9N	002516-34-9	1
4	Propane	44	C3H8	000074-98-6	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01942F.D
Acq On : 4 Feb 2002 7:52 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

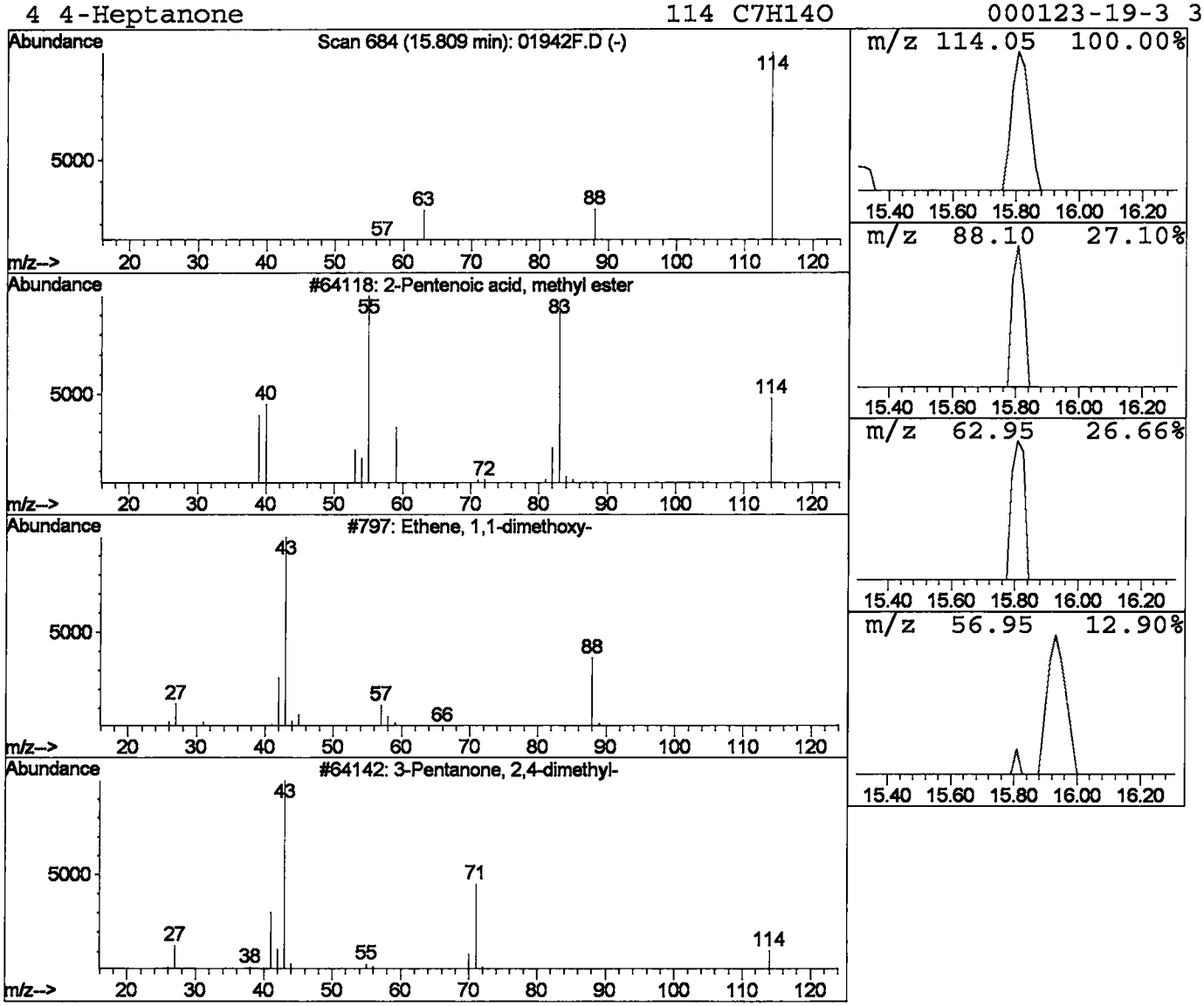
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentenoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	0.04 ug/L	31432	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, methyl ester	114	C6H10O2	000818-59-7	4
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\02FEB04\01942F.D
Acq On : 4 Feb 2002 7:52 pm
Sample : nyc fb
Misc : February 4, 2002
MS Integration Params: LSCINT.P

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

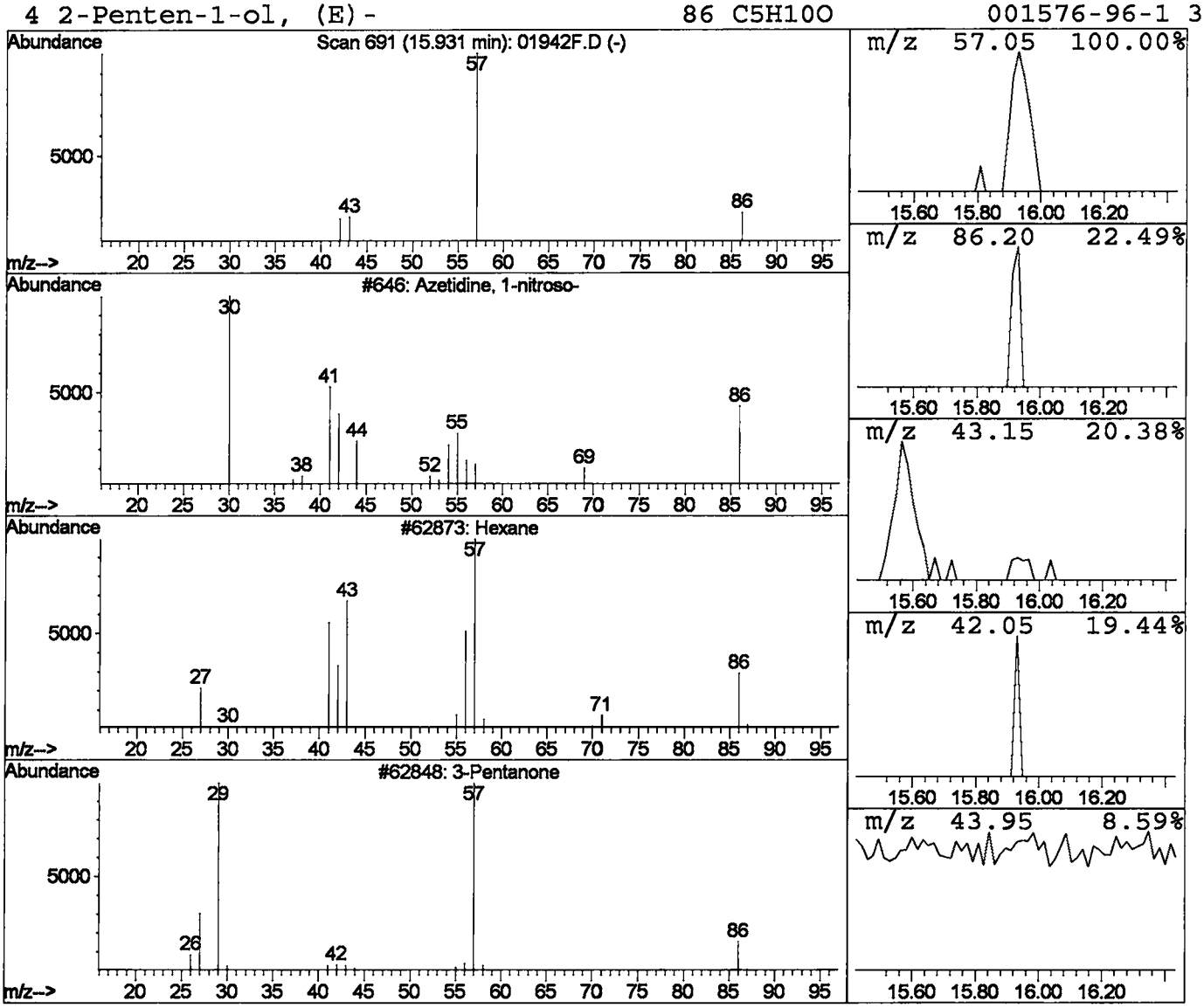
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	0.03 ug/L	28647	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	7
2	Hexane	86	C6H14	000110-54-3	4
3	3-Pentanone	86	C5H10O	000096-22-0	4
4	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB04\01942F.D Vial: 14
Acq On : 4 Feb 2002 7:52 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

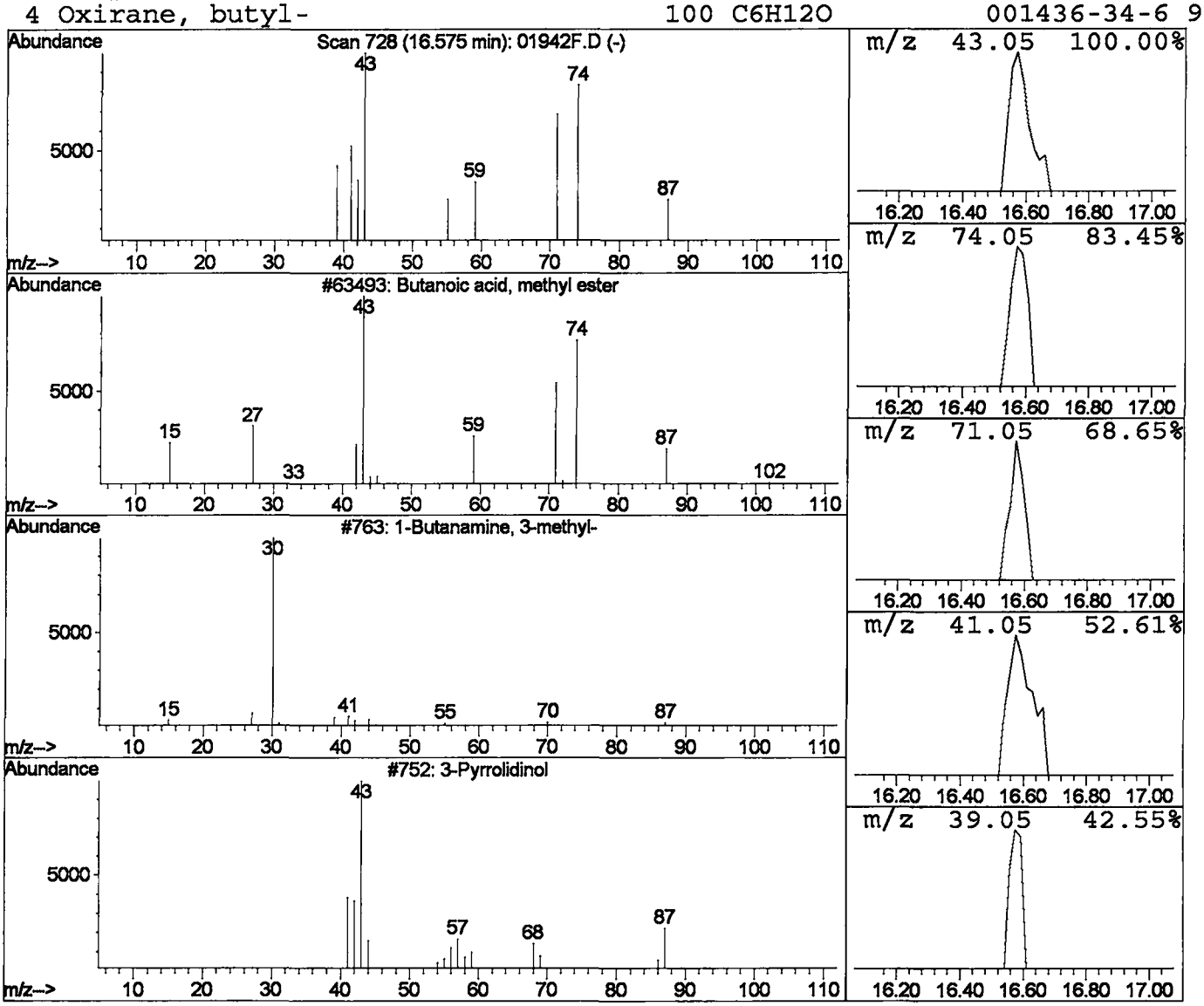
Quant Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butanoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	0.06 ug/L	56527	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
4	Oxirane, butyl-	100	C6H12O	001436-34-6	9



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:47:58

Sample: AE01938
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 2/4/02 00:08 Ended: 2/4/02 00:08 Analyst: BH
Result source: a:\0204c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.6		.5
3	Dichlorodifluoromethane	USPEC	17		.5
4	Chloromethane	USPEC	13		.5
5	Vinyl chloride	USPEC	14		.5
6	Bromomethane		12		.5
7	Chloroethane		12		.5
8	Trichlorofluoromethane		9.9		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether (MTBE)		11		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		15		2.0
15	2,2-dichloropropane		9.5		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		9.5		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		9.2		.5
24	Benzene		10		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		9.7		.5
28	Bromodichloromethane		9.6		.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		9.6		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		9.5		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		9.1		2.0
37	Chlorobenzene		10		.5
38	1,1,1,2-tetrachloroethane		9.6		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		8.7		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		10		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/05/2002 Time: 15:47:58

Sample: AE01938
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 2/4/02 00:08 Ended: 2/4/02 00:08 Analyst: BH
Result source: a:\0204c10a.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		11		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		11		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		9.6		.5
61	Hexachlobutadiene		9.3		.5
62	Naphthalene		9.7		.5
63	1,2,3-trichlorobenzene		9.7		.5
64	Nitrobenzene	LSPEC	1.20		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\0204C10A.D Vial: 15
Acq On : 4 Feb 2002 8:36 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 21:14 2002 Quant Results File: HP013102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	1576923	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.80	117	1560250	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.98	152	700681	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.38	65	665635	4.87	ug/L	0.04
Spiked Amount 5.000			Recovery =	97.40%		
3) 4-BROMOFLUOROBENZENE	24.39	174	560827	4.64	ug/L	0.04
Spiked Amount 5.000			Recovery =	92.80%		
25) TOLUENE-D8	18.51	98	1929584	4.96	ug/L	0.04
Spiked Amount 5.000			Recovery =	99.20%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	453922	16.84	ug/L	99
5) CHLOROMETHANE	5.52	50	411228	13.11	ug/L	99
6) VINYL CHLORIDE	5.61	62	226023	14.34	ug/L	99
7) BROMOMETHANE	6.61	94	286895	12.50	ug/L	100
8) CHLOROETHANE	6.75	64	245372	12.12	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.32	101	468411	9.89	ug/L	100
10) Isopropyl Alcohol	7.94	45	7569	92.55	ug/L	62
11) 1,1,2-Trichloro-1,2,2-trif	8.20	101	332760	9.46	ug/L	92
12) ACETONE	8.29	43	119280	14.02	ug/L	95
13) 1,1-DICHLOROETHENE	8.64	61	805044	10.87	ug/L	99
14) METHYLENE CHLORIDE	9.65	49	886976	12.10	ug/L	98
15) METHYL TERT BUTYL ETHER	9.96	73	1019930	11.07	ug/L	98
16) TRANS-1,2-DICHLOROETHENE	10.31	61	973674	10.84	ug/L	93
17) 1,1-DICHLOROETHANE	11.21	63	1157191	10.69	ug/L	99
18) 2-BUTANONE (MEK)	12.05	43	302777	15.14	ug/L	97
19) 2,2-DICHLOROPROPANE	12.43	77	862018	9.51	ug/L	100
20) CIS-1,2-DICHLOROETHENE	12.52	96	668914	10.33	ug/L	99
21) CHLOROFORM	12.87	83	1241656	10.30	ug/L	99
22) BROMOCHLOROMETHANE	13.23	49	561799	10.83	ug/L	94
23) 1,2-DICHLOROETHANE	14.57	62	871876	10.25	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.76	97	942273	9.52	ug/L	98
27) 1,1-DICHLOROPROPENE	14.07	75	905409	10.25	ug/L	99
28) CARBON TETRACHLORIDE	14.35	117	740099	9.19	ug/L	99
29) BENZENE	14.68	78	2279501	10.47	ug/L	100
30) TRICHLOROETHENE	15.95	95	723737	9.99	ug/L	98
31) 1,2-DICHLOROPROPANE	16.31	63	672078	10.57	ug/L	99
32) DIBROMOMETHANE	16.98	174	330945	9.74	ug/L	90
33) BROMODICHLOROMETHANE	16.82	83	916155	9.56	ug/L	99

(#) = qualifier out of range (m) = manual integration
0204C10A.D HP013102.M Mon Feb 04 21:15:08 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb04\0204C10A.D Vial: 15
Acq On : 4 Feb 2002 8:36 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 21:14 2002 Quant Results File: HP013102.RES

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

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	2-CHLOROETHYL VINYL ETHER	17.31	63	275166	10.17 ug/L	97
35)	METHYL ISO-BUTYL KETONE	17.39	58	143018	10.12 ug/L	92
36)	CIS-1,3-DICHLOROPROPENE	17.92	75	978082	10.00 ug/L	98
37)	TOLUENE	18.68	91	2459177	10.19 ug/L	99
38)	TRANS-1,3-DICHLOROPROPENE	18.94	75	731376	9.62 ug/L	99
39)	1,1,2-TRICHLOROETHANE	19.34	97	426916	10.22 ug/L	98
40)	TETRACHLOROETHENE	20.13	166	644752	9.47 ug/L	97
41)	1,3-DICHLOROPROPANE	19.87	76	818238	10.45 ug/L	99
42)	DIBROMOCHLOROMETHANE	20.56	129	522125	9.09 ug/L	96
43)	1,2-DIBROMOETHANE	21.01	107	459524	9.82 ug/L	96
44)	CHLOROBENZENE	21.88	112	1609835	10.23 ug/L	98
45)	1,1,1,2-TETRACHLOROETHANE	21.94	131	563157	9.62 ug/L	99
46)	2-HEXANONE	19.22	43	275656	10.35 ug/L	98
47)	ETHYLBENZENE	21.92	91	2940764	10.39 ug/L	99
48)	P & M-XYLENE	22.09	106	1928196	20.33 ug/L	99
49)	O-XYLENE	23.07	91	2325326	10.00 ug/L	98
50)	STYRENE	23.12	104	1663243	10.25 ug/L	99
51)	1,1,2,2-TETRACHLOROETHANE	24.15	83	482089	11.63 ug/L	97
53)	BROMOFORM	23.97	173	261953	8.75 ug/L	97
54)	ISOPROPYLBENZENE	23.78	105	2577599	10.51 ug/L	97
55)	1,2,3-TRICHLOROPROPANE	24.46	110	140849	10.71 ug/L	93
56)	N-PROPYLBENZENE	24.65	91	3299493	10.66 ug/L	100
57)	BROMOBENZENE	24.90	156	653650	10.34 ug/L	96
58)	1,3,5-TRIMETHYLBENZENE	24.96	105	2193084	10.44 ug/L	99
59)	2-CHLOROTOLUENE	25.14	91	2265596	11.10 ug/L	100
60)	4-CHLOROTOLUENE	25.21	91	1861010	10.02 ug/L	98
61)	TERT-BUTYLBENZENE	25.77	119	1977726	10.53 ug/L	99
62)	1,2,4-TRIMETHYLBENZENE	25.85	105	2300376	10.52 ug/L	99
63)	SEC-BUTYLBENZENE	26.22	105	2709640	10.62 ug/L	99
64)	P-ISOPROPYLTOLUENE	26.48	119	2087995	10.58 ug/L	100
65)	1,3-DICHLOROBENZENE	26.83	146	1197541	10.52 ug/L	100
66)	1,4-DICHLOROBENZENE	27.05	146	1201098	10.50 ug/L	98
67)	N-BUTYLBENZENE	27.37	91	2214090	10.89 ug/L	97
68)	1,2-DICHLOROBENZENE	27.91	146	1051549	10.56 ug/L	99
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.70	157	59472	8.29 ug/L	89
70)	1,2,4-TRICHLOROBENZENE	32.00	180	625225	9.63 ug/L	97
71)	HEXACHLOROBUTADIENE	32.31	225	287265	9.30 ug/L	96
72)	NAPHTHALENE	32.83	128	861942	9.66 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.55	180	508032	9.74 ug/L	95
74)	NITROBENZENE	29.91	77	324017	115.65 ug/L	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb04\0204C10A.D Vial: 15
Acq On : 4 Feb 2002 8:36 pm Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 4, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Time: Feb 4 21:14 2002 Quant Results File: HP013102.RES

Method : C:\HPCHEM\1\METHODS\HP013102.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 01 08:52:45 2002
Response via : Initial Calibration