User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 10:56:39

Sample: AE03944
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/20/02 00:08 Ended: 2/20/02 00:08 Analyst: BH
Result source: a:\0220b1.rr
Page: 1

#	Component Name	Vial	Result
1	Surr - 1,2-DICHLOROETHANE-		4.6
2	Surr - 4-BROMOFLUOROBENZ		4.3
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		1.1
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		0.78
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		0.79
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		5.2
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

lab contamination

Reviewed by,
5/10/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 10:56:39

Sample: AE03944
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 2/20/02 00:08 Ended: 2/20/02 00:08 Analyst: BH
Result source: a:\0220b1.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\02feb20\0220B1.D Vial: 1
Acq On : 20 Feb 2002 8:28 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 9:06 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	2360597	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	2232736	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	1029533	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	824773	4.59	ug/L	-0.03
Spiked Amount 5.000			Recovery =	91.80%		
3) 4-BROMOFLUOROBENZENE	24.33	174	758824	4.28	ug/L	-0.02
Spiked Amount 5.000			Recovery =	85.60%		
25) TOLUENE-D8	18.44	98	2877389	5.20	ug/L	-0.03
Spiked Amount 5.000			Recovery =	104.00%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	17370	1.07	ug/L	96
14) METHYLENE CHLORIDE	9.60	49	106304	0.78	ug/L	97
18) 2-BUTANONE (MEK)	11.99	43	29654	0.79	ug/L	98

(#) = qualifier out of range (m) = manual integration
0220B1.D HP021702.M Wed Feb 20 09:06:33 2002 Page 1

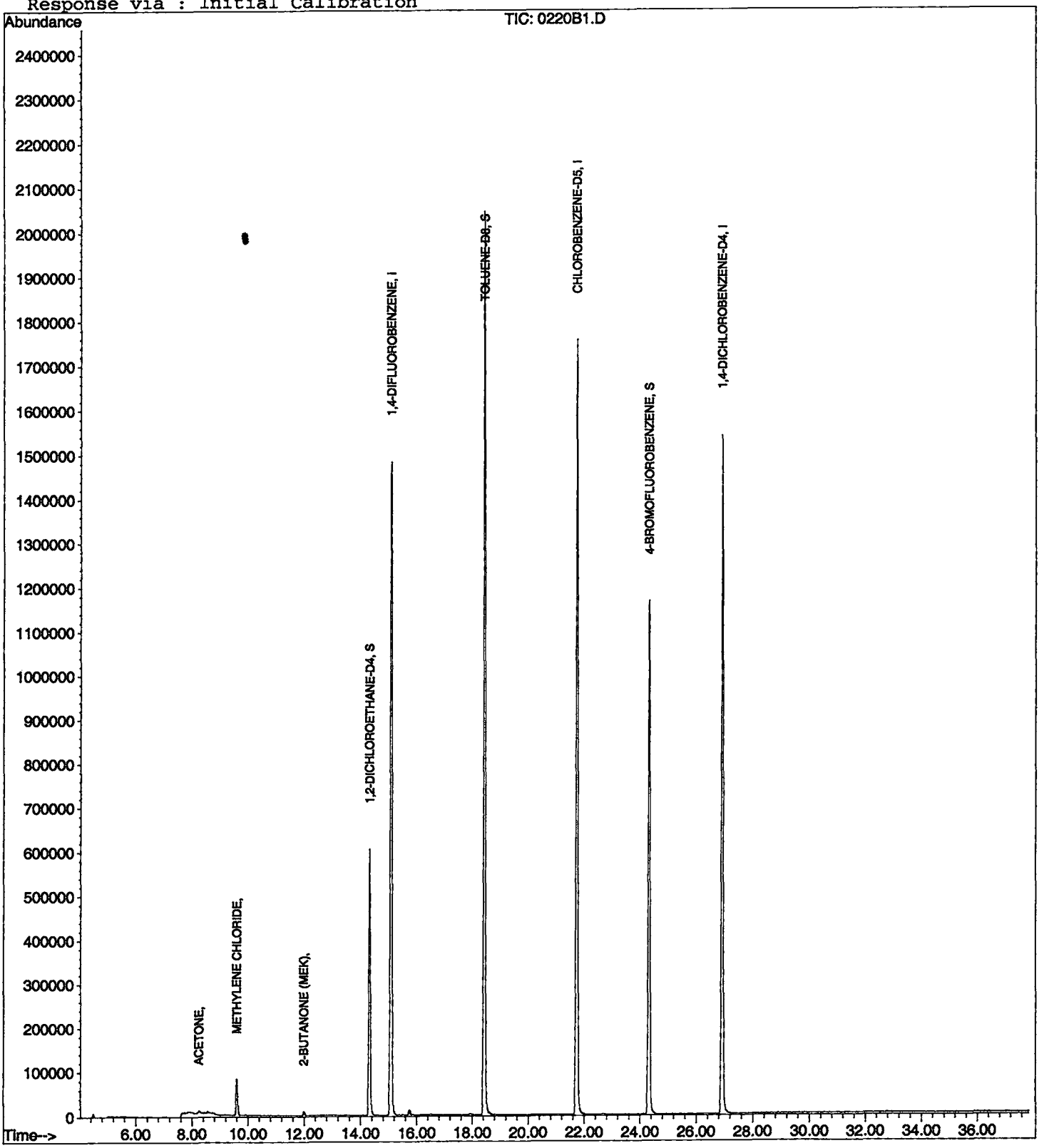
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\0220B1.D
Acq On : 20 Feb 2002 8:28 am
Sample : lab blank 1
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 9:06 2002

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

Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\0220B1.D Vial: 1
Acq On : 20 Feb 2002 8:28 am Operator: 201-wb
Sample : lab blank 1 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P

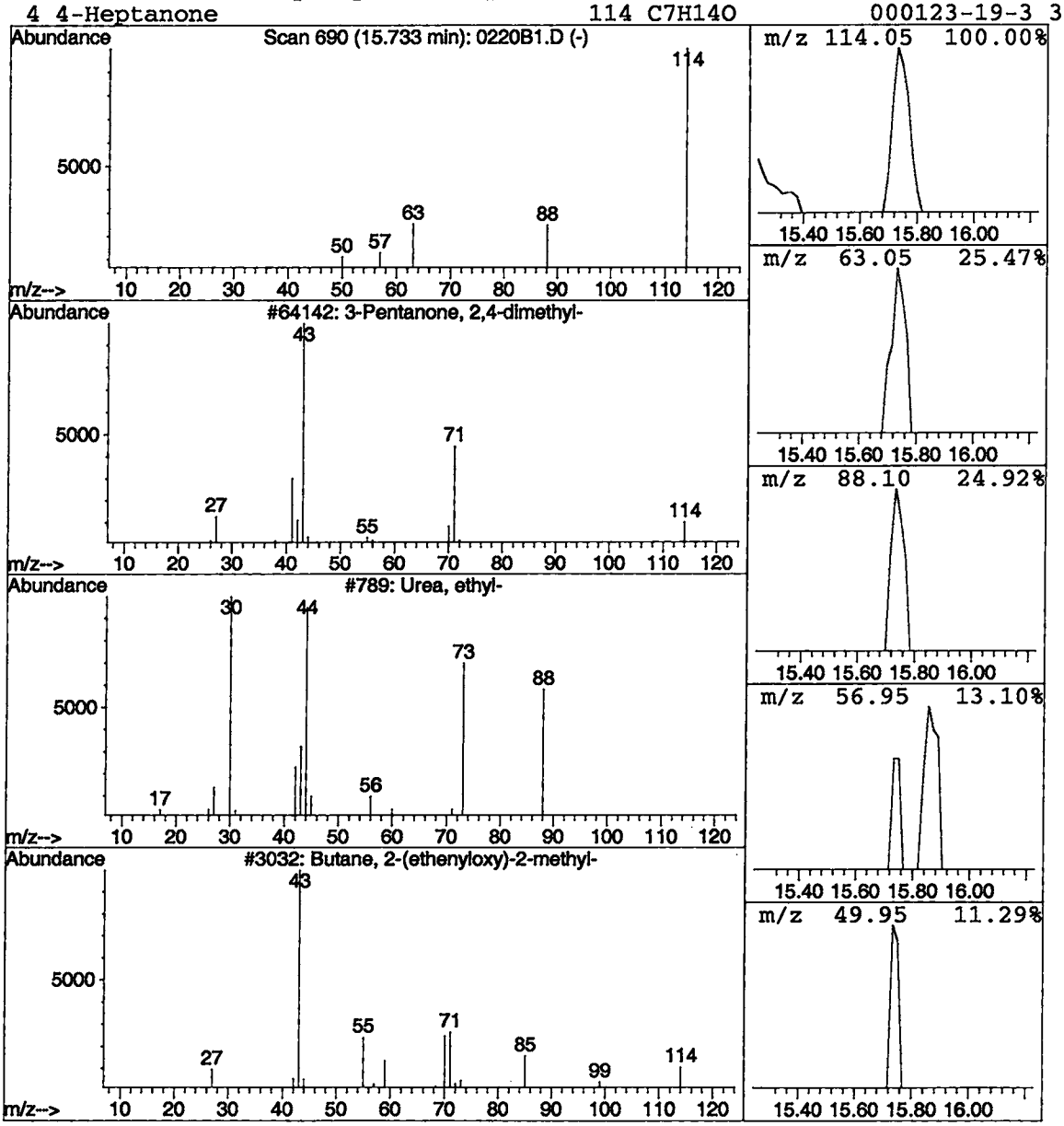
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.04 ug/L	45426	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	5
2	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 10:58:35

Sample: AE03944
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 2/20/02 00:00 Ended: 2/20/02 00:00 Analyst: BH
Result source: a:\0220c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		4.7		.5
2	Surr_4-BROMOFLUOROBENZE		4.8		.5
3	Dichlorodifluoromethane		7.3		.5
4	Chloromethane		13		.5
5	Vinyl chloride	USEPC	13		.5
6	Bromomethane		13		.5
7	Chloroethane	USEPC	14		.5
8	Trichlorofluoromethane	USEPC	14		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		9.3		1.0
12	trans-1,2-dichloroethene		10		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		7.2		2.0
15	2,2-dichloropropane		9.8		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		9.8		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		10		.5
24	Benzene		11		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		11		.5
27	Dibromomethane		10		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		10		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		12		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		12		.5
40	P & M-xylene		24		.5
41	O-xylene		11		.5
42	Styrene		12		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		9.3		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		11		.5
48	Bromobenzene		11		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 10:58:35

Sample: AE03944
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 2/20/02 00:00 Ended: 2/20/02 00:00 Analyst: BH
Result source: a:\0220c10a.rr
Page: 2

	Component Name	Vial	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		12		.5
51	4-chlorotoluene		9.9		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		12		.5
55	P-isopropyltoluene		12		.5
56	1,3-dichlorobenzene		11		.5
57	1,4-dichlorobenzene		11		.5
58	N-butylbenzene		12		.5
59	1,2-dichlorobenzene		11		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		10		.5
62	Naphthalene		9.9		.5
63	1,2,3-trichlorobenzene		10		.5
64	Nitrobenzene		230		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\0220C10A.D Vial: 3
Acq On : 20 Feb 2002 10:08 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 10:49 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 10:49:42 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.10	114	2025163	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	2011170	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.94	152	997050	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	725639	4.71	ug/L	0.00
Spiked Amount 5.000			Recovery =	94.20%		
3) 4-BROMOFLUOROBENZENE	24.35	174	733064	4.82	ug/L	0.00
Spiked Amount 5.000			Recovery =	96.40%		
25) TOLUENE-D8	18.46	98	2496208	5.00	ug/L	-0.02
Spiked Amount 5.000			Recovery =	100.00%		
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.86	85	523880	7.32	ug/L	96
5) CHLOROMETHANE	5.50	50	704570	12.92	ug/L	100
6) VINYL CHLORIDE	5.60	62	397267	13.46	ug/L	99
7) BROMOMETHANE	6.59	94	495035	12.81	ug/L	97
8) CHLOROETHANE	6.73	64	471875	13.73	ug/L	95
9) TRICHLOROFLUOROMETHANE	7.28	101	917222	14.33	ug/L	99
10) Isopropyl Alcohol	7.88	45	46701	33.69	ug/L	78
12) ACETONE	8.26	43	118011	8.48	ug/L	95
13) 1,1-DICHLOROETHENE	8.60	61	1076882	11.06	ug/L	98
14) METHYLENE CHLORIDE	9.60	49	1274591	10.90	ug/L	97
15) METHYL TERT BUTYL ETHER	9.91	73	1197495	9.27	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.27	61	1301610	10.46	ug/L	99
17) 1,1-DICHLOROETHANE	11.17	63	1567171	10.65	ug/L	99
18) 2-BUTANONE (MEK)	11.99	43	232129	7.19	ug/L	99
19) 2,2-DICHLOROPROPANE	12.38	77	1162647	9.85	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.48	96	925714	11.02	ug/L	96
21) CHLOROFORM	12.80	83	1563704	10.58	ug/L	99
22) BROMOCHLOROMETHANE	13.20	49	764123	10.87	ug/L	96
23) 1,2-DICHLOROETHANE	14.52	62	971523	9.77	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.71	97	1141317	10.17	ug/L	99
27) 1,1-DICHLOROPROPENE	14.03	75	1226295	10.96	ug/L	98
28) CARBON TETRACHLORIDE	14.29	117	950221	10.42	ug/L	98
29) BENZENE	14.63	78	3258062	11.21	ug/L	99
30) TRICHLOROETHENE	15.90	95	953831	10.98	ug/L	95
31) 1,2-DICHLOROPROPANE	16.26	63	907668	11.05	ug/L	99
32) DIBROMOMETHANE	16.92	174	406391	10.43	ug/L	95
33) BROMODICHLOROMETHANE	16.77	83	1117537	10.64	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.25	63	302286	9.96	ug/L	97
35) METHYL ISO-BUTYL KETONE	17.33	58	153301	10.20	ug/L	94
36) CIS-1,3-DICHLOROPROPENE	17.86	75	1253530	10.82	ug/L	99
37) TOLUENE	18.63	91	3471389	11.43	ug/L	97
38) TRANS-1,3-DICHLOROPROPENE	18.90	75	883368	10.41	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.29	97	547965	11.14	ug/L	99
40) TETRACHLOROETHENE	20.07	166	935956	11.32	ug/L	98
41) 1,3-DICHLOROPROPANE	19.82	76	1046551	10.86	ug/L	99
42) DIBROMOCHLOROMETHANE	20.52	129	636402	10.75	ug/L	99
43) 1,2-DIBROMOETHANE	20.96	107	559215	10.49	ug/L	95
44) CHLOROBENZENE	21.84	112	2266271	11.69	ug/L	95
45) 1,1,1,2-TETRACHLOROETHANE	21.88	131	733589	11.30	ug/L	96
46) 2-HEXANONE	19.17	43	287709	9.53	ug/L	96
47) ETHYLBENZENE	21.88	91	4092036	11.69	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\0220C10A.D Vial: 3
Acq On : 20 Feb 2002 10:08 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 10:49 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 10:49:42 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

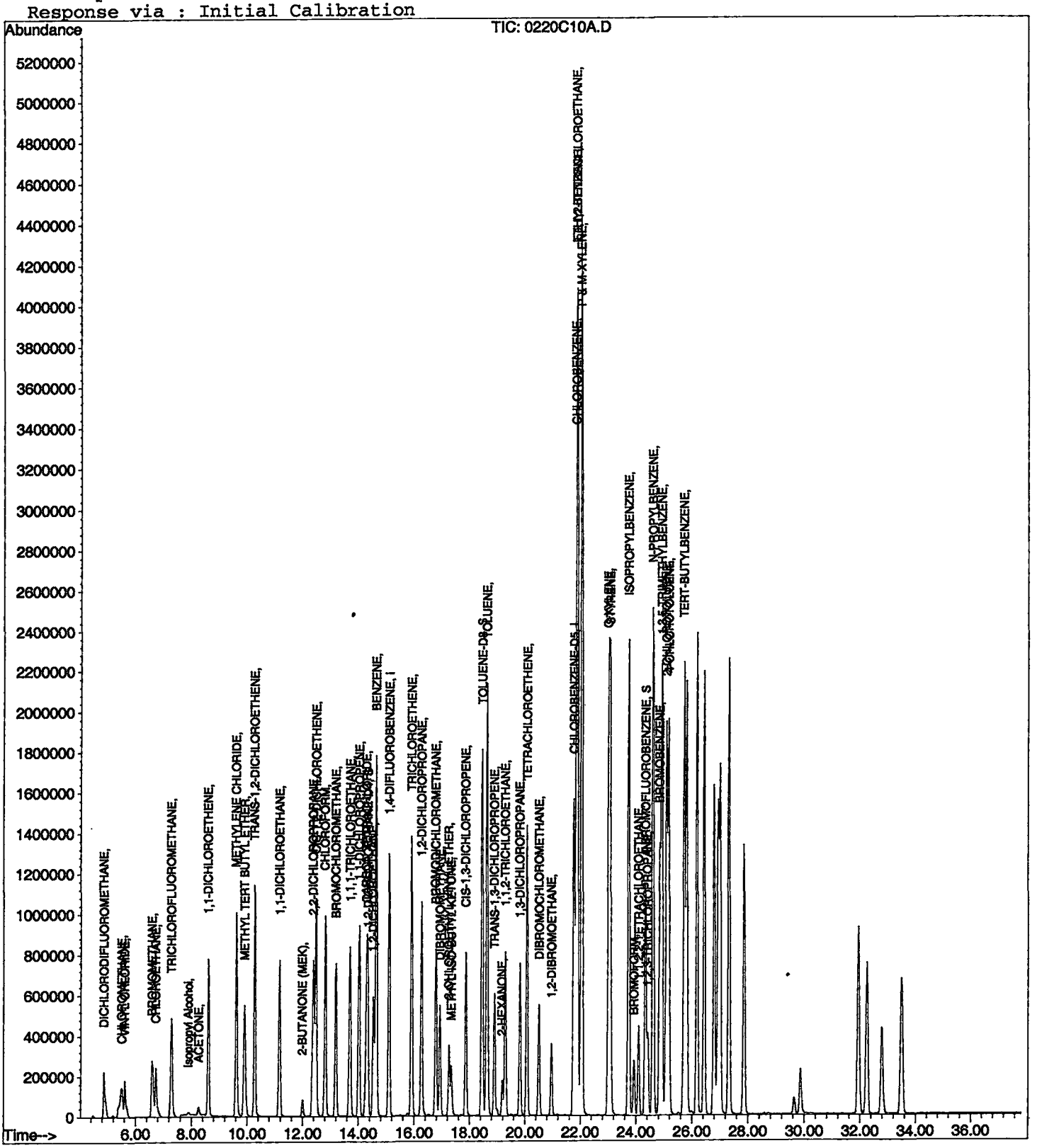
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
48)	P & M-XYLENE	22.03	106	2863742	23.98 ug/L	93
49)	O-XYLENE	23.00	91	3171218	11.39 ug/L	96
50)	STYRENE	23.07	104	2350542	11.67 ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.09	83	601982	11.07 ug/L	98
53)	BROMOFORM	23.92	173	289463	9.32 ug/L	98
54)	ISOPROPYLBENZENE	23.73	105	3639966	11.26 ug/L	96
55)	1,2,3-TRICHLOROPROPANE	24.42	110	163428	10.28 ug/L	94
56)	N-PROPYLBENZENE	24.60	91	4845645	11.39 ug/L	98
57)	BROMOBENZENE	24.84	156	881920	10.88 ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.93	105	3071107	11.12 ug/L	96
59)	2-CHLOROTOLUENE	25.08	91	3289619	11.97 ug/L	99
60)	4-CHLOROTOLUENE	25.16	91	2434325	9.91 ug/L	93
61)	TERT-BUTYLBENZENE	25.71	119	2856494	11.49 ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	3187145	11.01 ug/L	96
63)	SEC-BUTYLBENZENE	26.17	105	4108163	11.59 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.42	119	3107976	11.55 ug/L	96
65)	1,3-DICHLOROBENZENE	26.78	146	1699536	11.15 ug/L	97
66)	1,4-DICHLOROBENZENE	27.00	146	1711221	10.99 ug/L	99
67)	N-BUTYLBENZENE	27.31	91	3356022	11.58 ug/L	98
68)	1,2-DICHLOROBENZENE	27.85	146	1463291	11.12 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.64	157	75911	10.52 ug/L	98
70)	1,2,4-TRICHLOROBENZENE	31.94	180	889976	10.55 ug/L	99
71)	HEXACHLOROBUTADIENE	32.25	225	421160	10.26 ug/L	98
72)	NAPHTHALENE	32.79	128	1125017	9.94 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.49	180	700785	10.38 ug/L	99
74)	NITROBENZENE	29.86	77	350152	226.45 ug/L	98

(#) = qualifier out of range (m) = manual integration
0220C10A.D HP021702.M Wed Feb 20 10:51:11 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\0220C10A.D Vial: 3
Acq On : 20 Feb 2002 10:08 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 10:49 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Feb 20 10:49:42 2002
Response via : Initial Calibration



User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 16:32:26

Sample: AE03944
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 02/20/02 00:01 Ended: 02/20/02 00:01 Analyst: BH
Result source: a:\0220r5a.rr
Page: 1

	Component Name	Vial	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.4	
2	4-BROMOFLUOROBENZENE		4.7	
3	DICHLORODIFLUOROMETHANE		3.1	.5
4	CHLOROMETHANE		3.7	.5
5	VINYL CHLORIDE		6.2	.5
6	BROMOMETHANE		4.6	.5
7	CHLOROETHANE		4.7	.5
8	TRICHLOROFLUOROMETHANE		4.7	.5
9	ACETONE		3.8	.5
10	1,1-DICHLOROETHENE		3.6	.5
11	METHYLENE CHLORIDE		5.5	.5
12	METHYL TERT BUTYL ETHER		3.7	1
13	TRANS-1,2-DICHLOROETHENE		4.1	.5
14	1,1-DICHLOROETHANE		4.6	.5
15	2-BUTANONE (MEK)		4.6	.5
16	2,2-DICHLOROPROPANE		4.3	.5
17	CIS-1,2-DICHLOROETHENE		4.9	.5
18	CHLOROFORM		5.0	.5
19	BROMOCHLOROMETHANE		4.9	.5
20	1,2-DICHLOROETHANE		4.7	.5
21	TOLUENE-D8		5.1	
22	1,1,1-TRICHLOROETHANE		4.6	.5
23	1,1-DICHLOROPROPENE		4.9	.5
24	CARBON TETRACHLORIDE		4.6	.5
25	BENZENE		5.3	.5
26	TRICHLOROETHENE		5.3	.5
27	1,2-DICHLOROPROPANE		5.4	.5
28	DIBROMOMETHANE		5.2	.5
29	BROMODICHLOROMETHANE		5.2	.5
30	2-CHLOROETHYL VINYL ETHER		4.3	.5
31	METHYL ISO-BUTYL KETONE		4.5	1
32	CIS-1,3-DICHLOROPROPENE		5.3	.5
33	TOLUENE		5.8	.5
34	TRANS-1,3-DICHLOROPROPENE		5.4	.5
35	1,1,2-TRICHLOROETHANE		5.7	.5
36	TETRACHLOROETHENE		5.6	.5
37	1,3-DICHLOROPROPANE		5.5	.5
38	DIBROMOCHLOROMETHANE		5.3	2
39	1,2-DIBROMOETHANE		5.2	.5
40	CHLOROBENZENE		6.1	.5
41	1,1,1,2-TETRACHLOROETHANE		5.8	.5
42	2-HEXANONE		4.1	.5
43	ETHYLBENZENE		6.1	.5
44	P & M-XYLENE		12	.5
45	O-XYLENE		5.9	.5
46	STYRENE		5.9	.5
47	1,1,2,2-TETRACHLOROETHANE		5.8	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 16:32:26

Sample: AE03944
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 02/20/02 00:01 Ended: 02/20/02 00:01 Analyst: BH
Result source: a:\0220r5a.rr
Page: 2

	Component Name	Viol	Result	MDL
48	BROMOFORM		4.4	2
49	ISOPROPYLBENZENE		5.8	.5
50	1,2,3-TRICHLOROPROPANE		5.4	.5
51	N-PROPYLBENZENE		5.7	.5
52	BROMOBENZENE		5.7	.5
53	1,3,5-TRIMETHYLBENZENE		5.8	.5
54	2-CHLOROTOLUENE		6.1	.5
55	4-CHLOROTOLUENE		5.3	.5
56	TERT-BUTYLBENZENE		5.9	.5
57	1,2,4-TRIMETHYLBENZENE		5.7	.5
58	SEC-BUTYLBENZENE		6.0	.5
59	P-ISOPROPYLTOLUENE		6.2	.5
60	1,3-DICHLOROBENZENE		5.9	.5
61	1,4-DICHLOROBENZENE		5.8	.5
62	N-BUTYLBENZENE		6.0	.5
63	1,2-DICHLOROBENZENE		5.8	.5
64	1,2-DIBROMO-3-CHLOROPROPA		5.2	.5
65	1,2,4-TRICHLOROBENZENE		5.3	.5
66	HEXACHLOROBUTADIENE		5.3	.5
67	NAPHTHALENE		4.6	.5
68	1,2,3-TRICHLOROBENZENE		5.2	.5
69	ETHANOL		< MDL	30
70	NITROBENZENE		100	5.0

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 16:35:13

Sample: AE03944
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 03/04/02 16:34 Ended: 03/04/02 16:34 Analyst: SV
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.4	.5
2	Surr - 4-BROMOFLUOROBENZE		4.7	.5
3	Dichlorodifluoromethane		62	.5
4	Chloromethane		74	.5
5	Vinyl chloride		124	.5
6	Bromomethane		92	.5
7	Chloroethane		94	.5
8	Trichlorofluoromethane		94	.5
9	1,1-Dichloroethene		72	.5
10	Methylene Chloride		110	.5
11	Methyl tert butyl ether		74	1.0
12	trans-1,2-dichloroethene		82	.5
13	1,1-dichloroethane		92	.5
14	2-butanone (MEK)		92	2.0
15	2,2-dichloropropane		86	.5
16	cis-1,2-dichloroethene		98	.5
17	Chloroform		100	.5
18	Bromochloromethane		98	.5
19	1,2-dichloroethane		94	.5
20	Surr - TOLUENE-D8		5.1	.5
21	1,1,1-trichloroethane		92	.5
22	1,1-dichloropropene		98	.5
23	Carbon tetrachloride		92	.5
24	Benzene		106	.5
25	Trichloroethene		106	.5
26	1,2-dichloropropane		108	.5
27	Dibromomethane		104	.5
28	Bromodichloromethane		104	.5
29	Methyl iso-butyl ketone		90	1.0
30	cis-1,3-dichloropropene		106	.5
31	Toluene		116	.5
32	trans-1,3-dichloropropene		108	.5
33	1,1,2-trichloroethane		114	.5
34	Tetrachloroethene		112	.5
35	1,3-dichloropropane		110	.5
36	Dibromochloromethane		106	2.0
37	Chlorobenzene		122	.5
38	1,1,1,2-tetrachloroethane		116	.5
39	Ethylbenzene		122	.5
40	P & M-xylene		120	.5
41	O-xylene		118	.5
42	Styrene		118	.5
43	1,1,2,2-tetrachloroethane		116	.5
44	Bromoform		88	2.0
45	Isopropylbenzene		116	.5
46	1,2,3-trichloropropane		108	.5
47	N-propylbenzene		114	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 16:35:13

Sample: AE03944
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 03/04/02 16:34 Ended: 03/04/02 16:34 Analyst: SV
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		114	.5
49	1,3,5-trimethylbenzene		116	.5
50	2-chlorotoluene		122	.5
51	4-chlorotoluene		106	.5
52	TERT-butylbenzene		118	.5
53	1,2,4-trimethylbenzene		114	.5
54	SEC-butylbenzene		120	.5
55	P-isopropyltoluene		124	.5
56	1,3-dichlorobenzene		118	.5
57	1,4-dichlorobenzene		116	.5
58	N-butylbenzene		120	.5
59	1,2-dichlorobenzene		116	.5
60	1,2,4-trichlorobenzene		106	.5
61	Hexachlorobutadiene		106	.5
62	Naphthalene		92	.5
63	1,2,3-trichlorobenzene		104	.5
64	Ethanol			
65	Nitrobenzene		100	5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\0220R5A.D Vial: 7
Acq On : 20 Feb 2002 1:57 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 14:35 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	2318435	5.00 ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	2268090	5.00 ug/L	0.01
52) 1,4-DICHLOROBENZENE-D4	26.95	152	1122019	5.00 ug/L	0.00
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.35	65	781075	4.42 ug/L	0.00
Spiked Amount 5.000			Recovery =	88.40%	
3) 4-BROMOFLUOROBENZENE	24.36	174	825868	4.74 ug/L	0.00
Spiked Amount 5.000			Recovery =	94.80%	
25) TOLUENE-D8	18.47	98	2859519	5.08 ug/L	0.00
Spiked Amount 5.000			Recovery =	101.60%	
Target Compounds					Qvalue
4) DICHLORODIFLUOROMETHANE	4.89	85	184151	2.25 ug/L	98
5) CHLOROMETHANE	5.51	50	267001	3.71 ug/L	93
6) VINYL CHLORIDE	5.62	62	178343	6.23 ug/L	100
7) BROMOMETHANE	6.61	94	175000	4.63 ug/L	100
8) CHLOROETHANE	6.75	64	180757	4.74 ug/L	94
9) TRICHLOROFLUOROMETHANE	7.30	101	343542	4.69 ug/L	99
12) ACETONE	8.27	43	59856	3.76 ug/L	93
13) 1,1-DICHLOROETHENE	8.63	61	396562	3.56 ug/L	95
14) METHYLENE CHLORIDE	9.64	49	733497	5.48 ug/L	99
15) METHYL TERT BUTYL ETHER	9.94	73	540425	3.65 ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.30	61	579386	4.07 ug/L	97
17) 1,1-DICHLOROETHANE	11.19	63	770430	4.57 ug/L	99
18) 2-BUTANONE (MEK)	12.02	43	127074	3.44 ug/L	100
19) 2,2-DICHLOROPROPANE	12.39	77	583522	4.32 ug/L	95
20) CIS-1,2-DICHLOROETHENE	12.50	96	473453	4.92 ug/L	95
21) CHLOROFORM	12.84	83	838472	4.95 ug/L	99
22) BROMOCHLOROMETHANE	13.21	49	397625	4.94 ug/L	99
23) 1,2-DICHLOROETHANE	14.56	62	531095	4.66 ug/L	98
26) 1,1,1-TRICHLOROETHANE	13.72	97	582039	4.60 ug/L	97
27) 1,1-DICHLOROPROPENE	14.05	75	616517	4.88 ug/L	97
28) CARBON TETRACHLORIDE	14.30	117	473916	4.61 ug/L	99
29) BENZENE	14.64	78	1724094	5.26 ug/L	100
30) TRICHLOROETHENE	15.92	95	515826	5.27 ug/L	95
31) 1,2-DICHLOROPROPANE	16.28	63	500228	5.40 ug/L	98
32) DIBROMOMETHANE	16.96	174	230416	5.24 ug/L	94
33) BROMODICHLOROMETHANE	16.79	83	616507	5.20 ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.28	63	147550	4.31 ug/L	99
35) METHYL ISO-BUTYL KETONE	17.37	58	76022	4.48 ug/L	97
36) CIS-1,3-DICHLOROPROPENE	17.88	75	696697	5.33 ug/L	99
37) TOLUENE	18.64	91	1979141	5.78 ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	514854	5.38 ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.31	97	318183	5.73 ug/L	99
40) TETRACHLOROETHENE	20.09	166	523273	5.61 ug/L	97
41) 1,3-DICHLOROPROPANE	19.83	76	592981	5.46 ug/L	99
42) DIBROMOCHLOROMETHANE	20.53	129	356776	5.34 ug/L	97
43) 1,2-DIBROMOETHANE	20.98	107	311821	5.19 ug/L	98
44) CHLOROBENZENE	21.86	112	1340901	6.14 ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.91	131	427252	5.83 ug/L	97
46) 2-HEXANONE	19.20	43	141261	4.15 ug/L	98
47) ETHYLBENZENE	21.89	91	2392492	6.06 ug/L	97
48) P & M-XYLENE	22.05	106	1674079	12.43 ug/L	91

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\0220R5A.D Vial: 7
Acq On : 20 Feb 2002 1:57 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 14:35 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

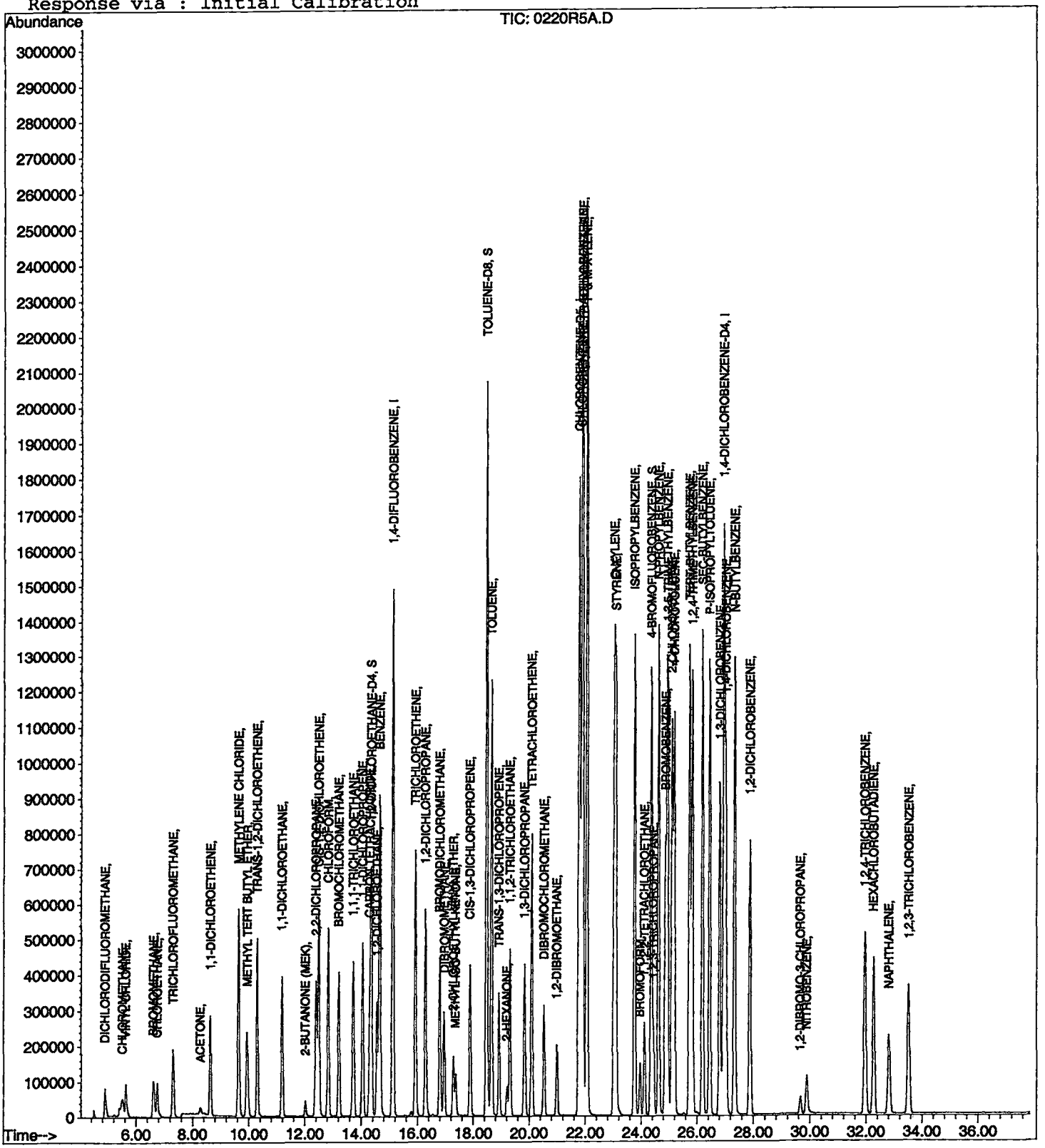
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	23.04	91	1855551	5.91 ug/L	95
50)	STYRENE	23.09	104	1343539	5.92 ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	355051	5.79 ug/L	99
53)	BROMOFORM	23.95	173	155181	4.44 ug/L	100
54)	ISOPROPYLBENZENE	23.75	105	2098325	5.77 ug/L	96
55)	1,2,3-TRICHLOROPROPANE	24.43	110	96978	5.42 ug/L	96
56)	N-PROPYLBENZENE	24.62	91	2738929	5.72 ug/L	99
57)	BROMOBENZENE	24.87	156	516577	5.66 ug/L	95
58)	1,3,5-TRIMETHYLBENZENE	24.94	105	1791379	5.76 ug/L	95
59)	2-CHLOROTOLUENE	25.10	91	1879797	6.08 ug/L	97
60)	4-CHLOROTOLUENE	25.18	91	1464248	5.30 ug/L	95
61)	TERT-BUTYLBENZENE	25.73	119	1662561	5.94 ug/L	96
62)	1,2,4-TRIMETHYLBENZENE	25.83	105	1841570	5.65 ug/L	93
63)	SEC-BUTYLBENZENE	26.18	105	2382735	5.97 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.44	119	1869345	6.17 ug/L	96
65)	1,3-DICHLOROBENZENE	26.81	146	1019086	5.94 ug/L	96
66)	1,4-DICHLOROBENZENE	27.02	146	1017334	5.80 ug/L	96
67)	N-BUTYLBENZENE	27.34	91	1948439	5.97 ug/L	98
68)	1,2-DICHLOROBENZENE	27.87	146	862068	5.82 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	42398	5.22 ug/L	97
70)	1,2,4-TRICHLOROBENZENE	31.96	180	505919	5.33 ug/L	96
71)	HEXACHLOROBUTADIENE	32.26	225	245083	5.31 ug/L	99
72)	NAPHTHALENE	32.81	128	589157	4.63 ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.52	180	392705	5.17 ug/L	99
74)	NITROBENZENE	29.88	77	175161	100.66 ug/L	98

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\0220R5A.D Vial: 7
Acq On : 20 Feb 2002 1:57 pm Operator: 201-wb
Sample : ref 5 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 14:35 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB20\0220R5.D Vial: 5
Acq On : 20 Feb 2002 11:50 am Operator: 201-wb
Sample : nyc re-inj Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 14:15 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	2174843	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.76	117	2086734	5.00	ug/L	0.00
52) 1,4-DICHLOROBENZENE-D4	26.94	152	1010245	5.00	ug/L	-0.01
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	772054	4.66	ug/L	0.00
Spiked Amount 5.000			Recovery	=	93.20%	
3) 4-BROMOFLUOROBENZENE	24.35	174	745289	4.56	ug/L	0.00
Spiked Amount 5.000			Recovery	=	91.20%	
25) TOLUENE-D8	18.47	98	2678712	5.18	ug/L	0.00
Spiked Amount 5.000			Recovery	=	103.60%	
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.88	85	237497	3.10	ug/L	96
5) CHLOROMETHANE	5.52	50	328790	5.28	ug/L	99
6) VINYL CHLORIDE	5.62	62	237414	8.39	ug/L	96
7) BROMOMETHANE	6.59	94	231458	6.53	ug/L	94
8) CHLOROETHANE	6.74	64	213271	5.96	ug/L	96
9) TRICHLOROFLUOROMETHANE	7.30	101	432566	6.29	ug/L	92
12) ACETONE	8.28	43	90541	6.06	ug/L	96
13) 1,1-DICHLOROETHENE	8.62	61	478317	4.58	ug/L	97
14) METHYLENE CHLORIDE	9.62	49	823923	6.56	ug/L	95
15) METHYL TERT BUTYL ETHER	9.93	73	589202	4.25	ug/L	92
16) TRANS-1,2-DICHLOROETHENE	10.28	61	649945	4.86	ug/L	96
17) 1,1-DICHLOROETHANE	11.19	63	845856	5.35	ug/L	97
18) 2-BUTANONE (MEK)	12.00	43	157528	4.55	ug/L	97
19) 2,2-DICHLOROPROPANE	12.40	77	621136	4.90	ug/L	93
20) CIS-1,2-DICHLOROETHENE	12.50	96	531962	5.89	ug/L	96
21) CHLOROFORM	12.82	83	904601	5.70	ug/L	99
22) BROMOCHLOROMETHANE	13.21	49	434861	5.76	ug/L	100
23) 1,2-DICHLOROETHANE	14.56	62	573779	5.37	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.72	97	616085	5.29	ug/L	98
27) 1,1-DICHLOROPROPENE	14.05	75	670595	5.78	ug/L	98
28) CARBON TETRACHLORIDE	14.30	117	502815	5.32	ug/L	98
29) BENZENE	14.64	78	1851208	6.14	ug/L	100
30) TRICHLOROETHENE	15.92	95	561661	6.23	ug/L	97
31) 1,2-DICHLOROPROPANE	16.28	63	548381	6.44	ug/L	97
32) DIBROMOMETHANE	16.94	174	238906	5.91	ug/L	93
33) BROMODICHLOROMETHANE	16.79	83	655564	6.01	ug/L	99
34) 2-CHLOROETHYL VINYL ETHER	17.26	63	161913	5.14	ug/L	95
35) METHYL ISO-BUTYL KETONE	17.35	58	84061	5.39	ug/L	98
36) CIS-1,3-DICHLOROPROPENE	17.88	75	726221	6.04	ug/L	99
37) TOLUENE	18.64	91	2061745	6.54	ug/L	96
38) TRANS-1,3-DICHLOROPROPENE	18.92	75	544903	6.19	ug/L	98
39) 1,1,2-TRICHLOROETHANE	19.31	97	338698	6.63	ug/L	99
40) TETRACHLOROETHENE	20.09	166	543953	6.34	ug/L	97
41) 1,3-DICHLOROPROPANE	19.84	76	627219	6.27	ug/L	98
42) DIBROMOCHLOROMETHANE	20.52	129	373541	6.08	ug/L	99
43) 1,2-DIBROMOETHANE	20.98	107	329757	5.96	ug/L	94
44) CHLOROBENZENE	21.84	112	1384117	6.88	ug/L	93
45) 1,1,1,2-TETRACHLOROETHANE	21.90	131	438730	6.51	ug/L	96
46) 2-HEXANONE	19.19	43	163863	5.23	ug/L	98
47) ETHYLBENZENE	21.90	91	2457554	6.77	ug/L	94
48) P & M-XYLENE	22.05	106	1728640	13.95	ug/L	95

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB20\0220R5.D Vial: 5
Acq On : 20 Feb 2002 11:50 am Operator: 201-wb
Sample : nyc re-inj Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 14:15 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

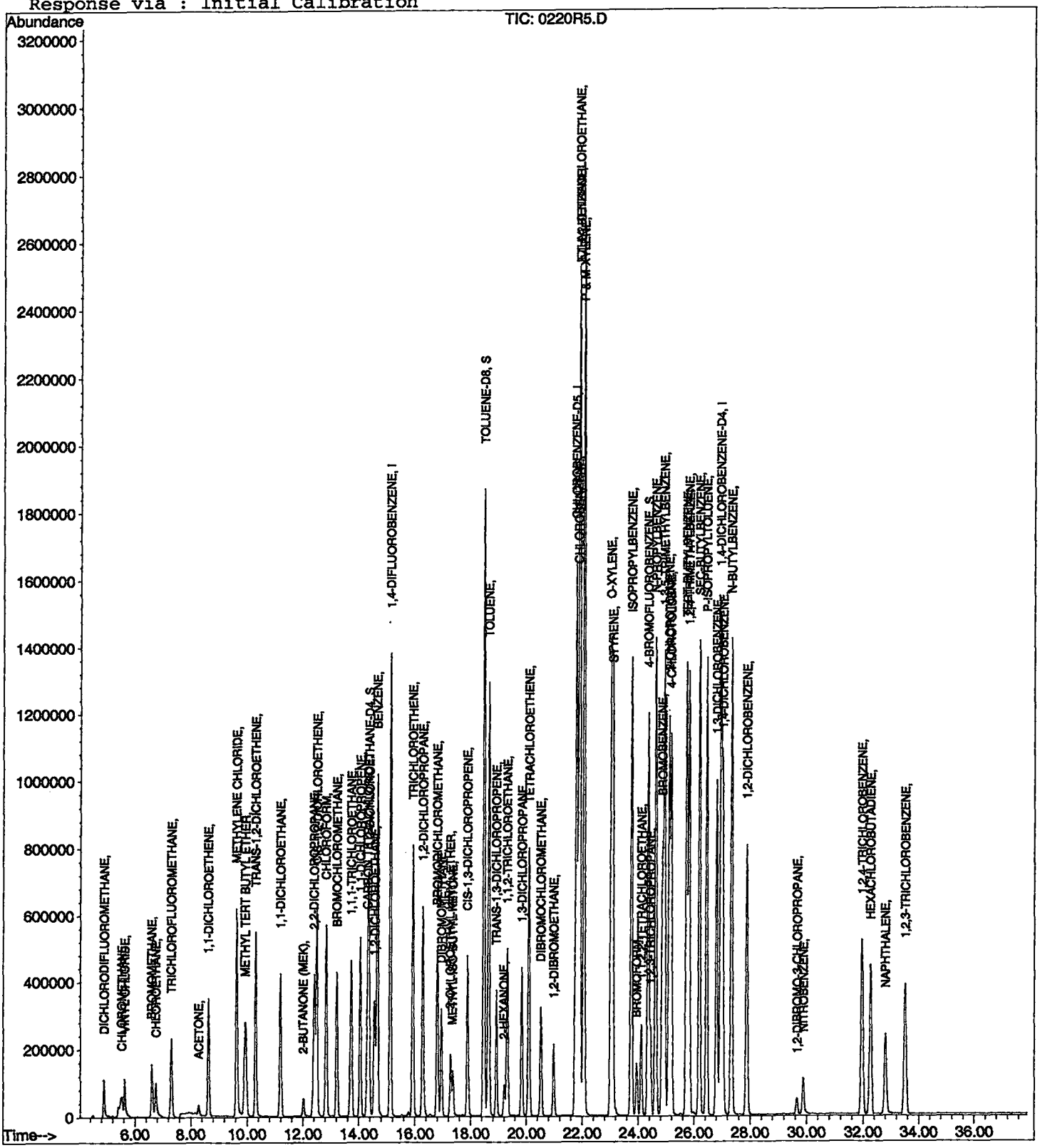
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
49)	O-XYLENE	23.02	91	1927121	6.67 ug/L	96
50)	STYRENE	23.09	104	1383205	6.62 ug/L	95
51)	1,1,2,2-TETRACHLOROETHANE	24.11	83	373717	6.62 ug/L	98
53)	BROMOFORM	23.94	173	160908	5.11 ug/L	97
54)	ISOPROPYLBENZENE	23.75	105	2173528	6.64 ug/L	98
55)	1,2,3-TRICHLOROPROPANE	24.43	110	98271	6.10 ug/L	94
56)	N-PROPYLBENZENE	24.62	91	2857303	6.63 ug/L	99
57)	BROMOBENZENE	24.86	156	525483	6.40 ug/L	98
58)	1,3,5-TRIMETHYLBENZENE	24.93	105	1850067	6.61 ug/L	97
59)	2-CHLOROTOLUENE	25.10	91	1756818	6.31 ug/L	97
60)	4-CHLOROTOLUENE	25.16	91	1658318	6.66 ug/L	94
61)	TERT-BUTYLBENZENE	25.73	119	1721543	6.83 ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.81	105	1897636	6.47 ug/L	95
63)	SEC-BUTYLBENZENE	26.19	105	2461471	6.85 ug/L	98
64)	P-ISOPROPYLTOLUENE	26.44	119	1926302	7.06 ug/L	96
65)	1,3-DICHLOROBENZENE	26.80	146	1040948	6.74 ug/L	95
66)	1,4-DICHLOROBENZENE	27.02	146	1039224	6.58 ug/L	95
67)	N-BUTYLBENZENE	27.33	91	2040891	6.95 ug/L	99
68)	1,2-DICHLOROBENZENE	27.87	146	873966	6.55 ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.66	157	43137	5.90 ug/L	97
70)	1,2,4-TRICHLOROBENZENE	31.96	180	515338	6.03 ug/L	98
71)	HEXACHLOROBUTADIENE	32.26	225	249693	6.00 ug/L	96
72)	NAPHTHALENE	32.79	128	622914	5.43 ug/L	99
73)	1,2,3-TRICHLOROBENZENE	33.51	180	415237	6.07 ug/L	99
74)	NITROBENZENE	29.88	77	181306	115.72 ug/L	96

(#) = qualifier out of range (m) = manual integration
0220R5.D HP021702.M Wed Feb 20 14:23:02 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB20\0220R5.D Vial: 5
Acq On : 20 Feb 2002 11:50 am Operator: 201-wb
Sample : nyc re-inj Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 14:15 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 11:55:06

Sample: AE03959
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:02 Ended: 2/20/02 00:02 Analyst: BH
Result source: a:\03959b.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.3		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
0	Methylene Chloride		< MDL		0.5
1	Methyl tert-butyl ether (MTBE)		< MDL		1.0
2	trans-1,2-dichloroethene		< MDL		0.5
3	1,1-dichloroethane		< MDL		0.5
4	2-butanone (MEK)		< MDL		2.0
5	2,2-dichloropropane		< MDL		0.5
6	cis-1,2-dichloroethene		< MDL		0.5
	*THM-Chloroform		22		0.5
	Bromochloromethane		< MDL		0.5
	1,2-dichloroethane		< MDL		0.5
	Surr - TOLUENE-D8		5.2		0.5
	1,1,1- trichloroethane		< MDL		0.5
	1,1-dichloropropene		< MDL		0.5
	Carbon tetrachloride		< MDL		0.5
	Benzene		< MDL		0.5
	Trichloroethene		< MDL		0.5
	1,2-dichloropropane		< MDL		0.5
	Dibromomethane		< MDL		0.5
	*THM-Bromodichloromethane		7.3		0.5
	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
	cis-1,3-dichloropropene		< MDL		0.5
	Toluene		< MDL		0.5
	trans-1,3-dichloropropene		< MDL		0.5
	1,1,2-trichloroethane		< MDL		0.5
	Tetrachloroethene		< MDL		0.5
	1,3-dichloropropane		< MDL		0.5
	*THM-Dibromochloromethane		< MDL		2.0
	Chlorobenzene		< MDL		0.5
	1,1,1,2-tetrachloroethane		< MDL		0.5
	Ethylbenzene		< MDL		0.5
	P & M-xylene		< MDL		0.5
	O-xylene		< MDL		0.5
	Styrene		< MDL		0.5
	1,1,2,2-tetrachloroethane		< MDL		0.5
	*THM-Bromoform		< MDL		2.0
	Isopropylbenzene		< MDL		0.5
	1,2,3-trichloropropane		< MDL		0.5
	N-propylbenzene		< MDL		0.5
	Bromobenzene		< MDL		0.5

Kuhn, William
Rochester Dept. of Labs & Research
Date: 02/22/2002 Time: 11:55:06

Sample: AE03959
Analysis: $524 Volatile Organic Compounds
Reporting
Started: 2/20/02 00:02 Ended: 2/20/02 00:02 Analyst: BH
Data source: a:\03959b.rr
Page: 2

Component Name	Vial	Result	Qualifier	MDL
1,3,5-trimethylbenzene		< MDL		0.5
2-chlorotoluene		< MDL		0.5
4-chlorotoluene		< MDL		0.5
TERT-butylbenzene		< MDL		0.5
1,2,4-trimethylbenzene		< MDL		0.5
SEC-butylbenzene		< MDL		0.5
P-isopropyltoluene		< MDL		0.5
1,3-dichlorobenzene		< MDL		0.5
1,4-dichlorobenzene		< MDL		0.5
N-butylbenzene		< MDL		0.5
1,2-dichlorobenzene		< MDL		0.5
1,2,4-trichlorobenzene		< MDL		0.5
Hexachlorobutadiene		< MDL		0.5
Naphthalene		< MDL		0.5
1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AE03959 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:31:55

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.08ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03959B.D Vial: 8
Acq On : 20 Feb 2002 2:46 pm Operator: 201-wb
Sample : nyc re-inj Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 15:24 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.12	114	2199304	5.00	ug/L	0.00
24) CHLOROBENZENE-D5	21.78	117	2099912	5.00	ug/L	0.01
52) 1,4-DICHLOROBENZENE-D4	26.95	152	964940	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.35	65	720478	4.30	ug/L	0.00
Spiked Amount 5.000			Recovery	=	86.00%	
3) 4-BROMOFLUOROBENZENE	24.36	174	709061	4.29	ug/L	0.00
Spiked Amount 5.000			Recovery	=	85.80%	
25) TOLUENE-D8	18.47	98	2691205	5.17	ug/L	0.00
Spiked Amount 5.000			Recovery	=	103.40%	
Target Compounds						Qvalue
7) BROMOMETHANE	6.63	94	5096	0.14	ug/L	97
9) TRICHLOROFLUOROMETHANE	7.30	101	8200	0.12	ug/L	85
12) ACETONE	8.28	43	48425	3.20	ug/L	92
14) METHYLENE CHLORIDE	9.64	49	99660	~~0.78~~	~~ug/L~~	97
15) METHYL TERT BUTYL ETHER	9.94	73	14540	0.10	ug/L	90
18) 2-BUTANONE (MEK)	12.04	43	28001	~~0.80~~	~~ug/L~~	96
21) CHLOROFORM	12.84	83	3489913	21.74	ug/L	98
33) BROMODICHLOROMETHANE	16.80	83	802274	7.31	ug/L	100
37) TOLUENE	18.66	91	21165	~~0.07~~	~~ug/L~~	94
42) DIBROMOCHLOROMETHANE	20.53	129	58333	0.94	ug/L	92
72) NAPHTHALENE	32.83	128	45060	0.41	ug/L	97
73) 1,2,3-TRICHLOROBENZENE	33.52	180	12653	0.19	ug/L	92

not present in previous injection

(#) = qualifier out of range (m) = manual integration
03959B.D HP021702.M Wed Feb 20 15:25:04 2002 Page 1

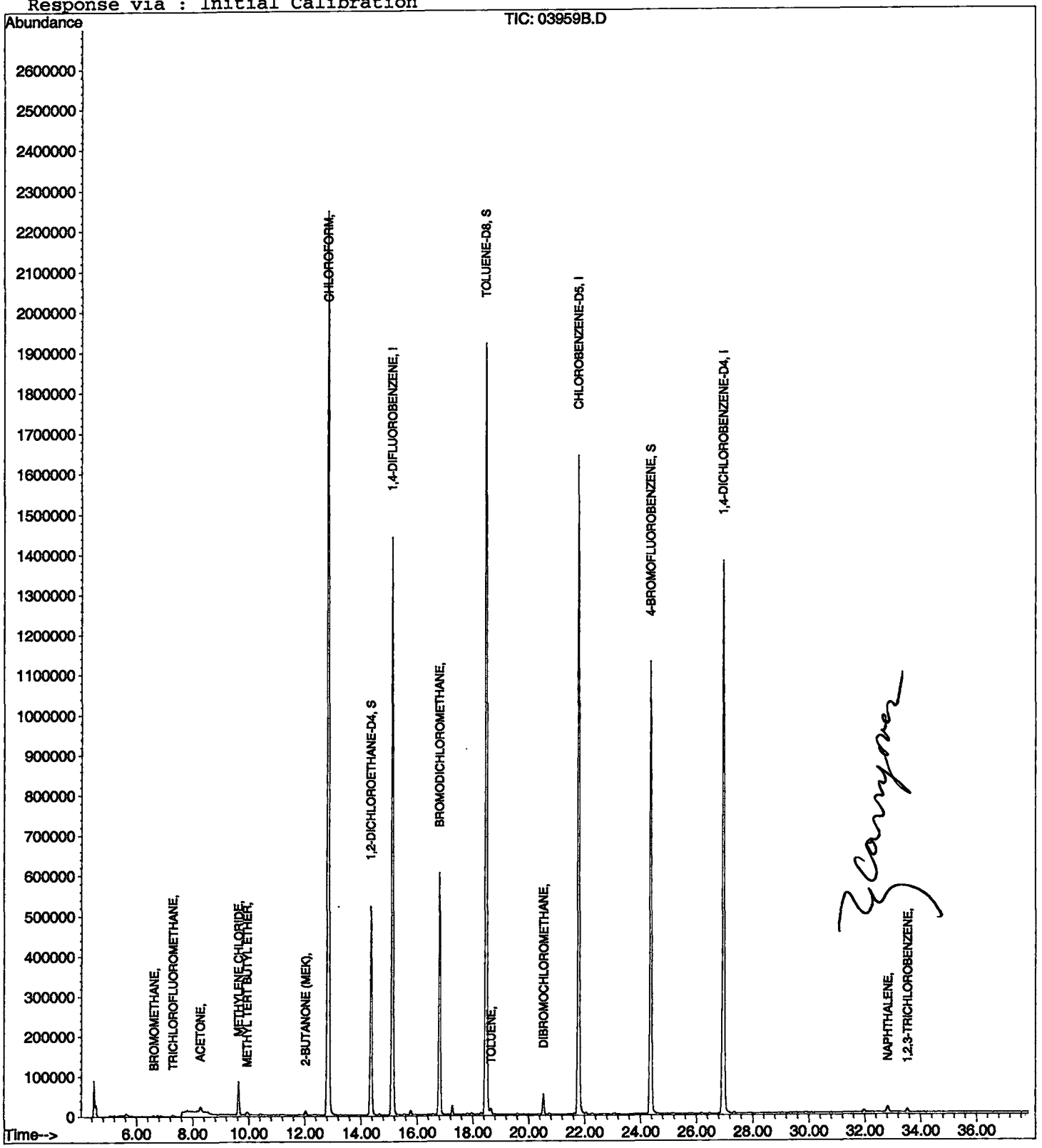
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03959B.D
Acq On : 20 Feb 2002 2:46 pm
Sample : nyc re-inj
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 15:24 2002

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

Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03959B.D Vial: 8
Acq On : 20 Feb 2002 2:46 pm Operator: 201-wb
Sample : nyc re-inj Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

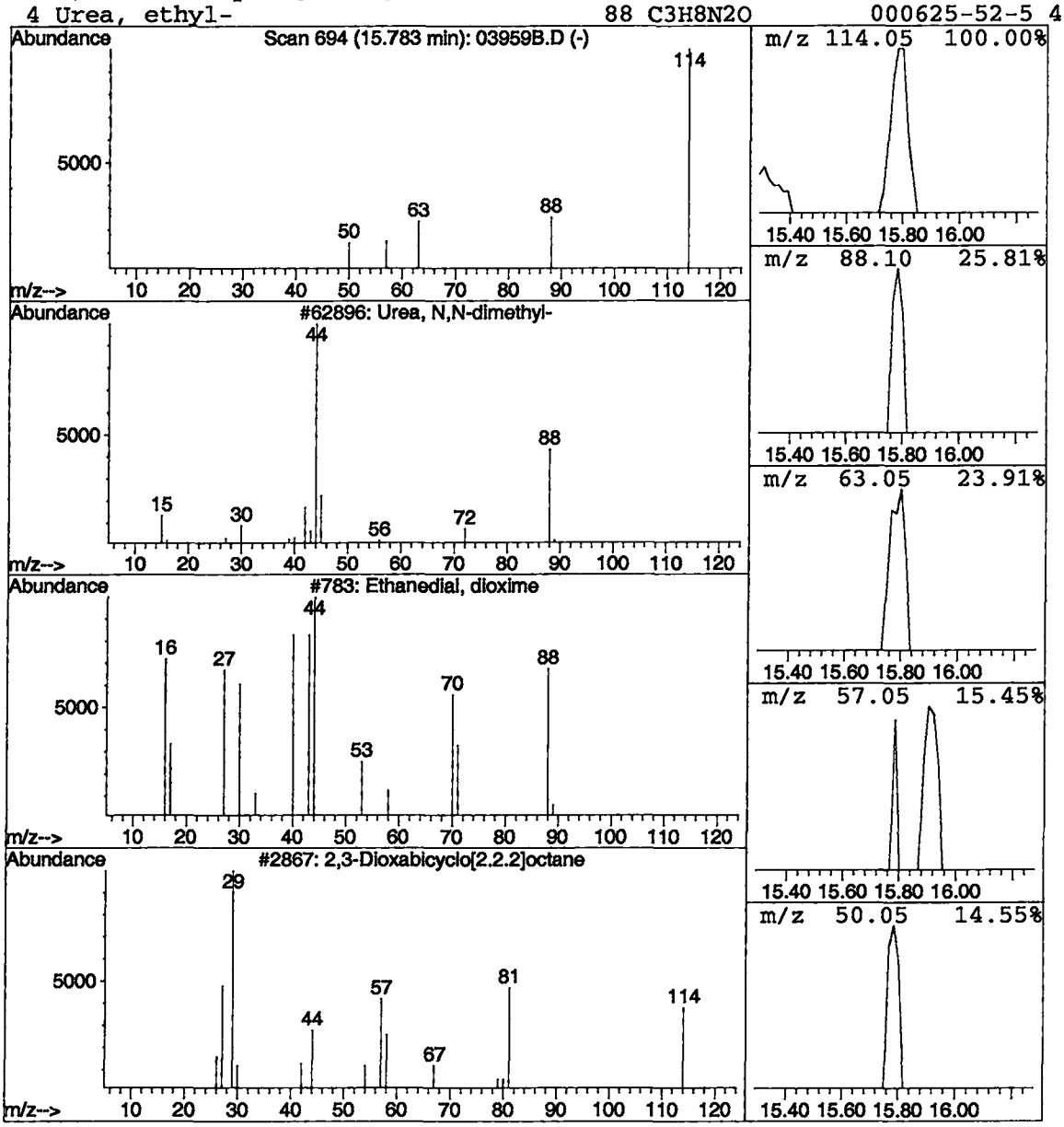
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.04 ug/L	44839	1,4-DIFLUOROBENZENE	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	Ethanedial, dioxime	88	C2H4N2O2	000557-30-2	4
3	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
4	Urea, ethyl-	88	C3H8N2O	000625-52-5	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03959B.D Vial: 8
Acq On : 20 Feb 2002 2:46 pm Operator: 201-wb
Sample : nyc re-inj Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

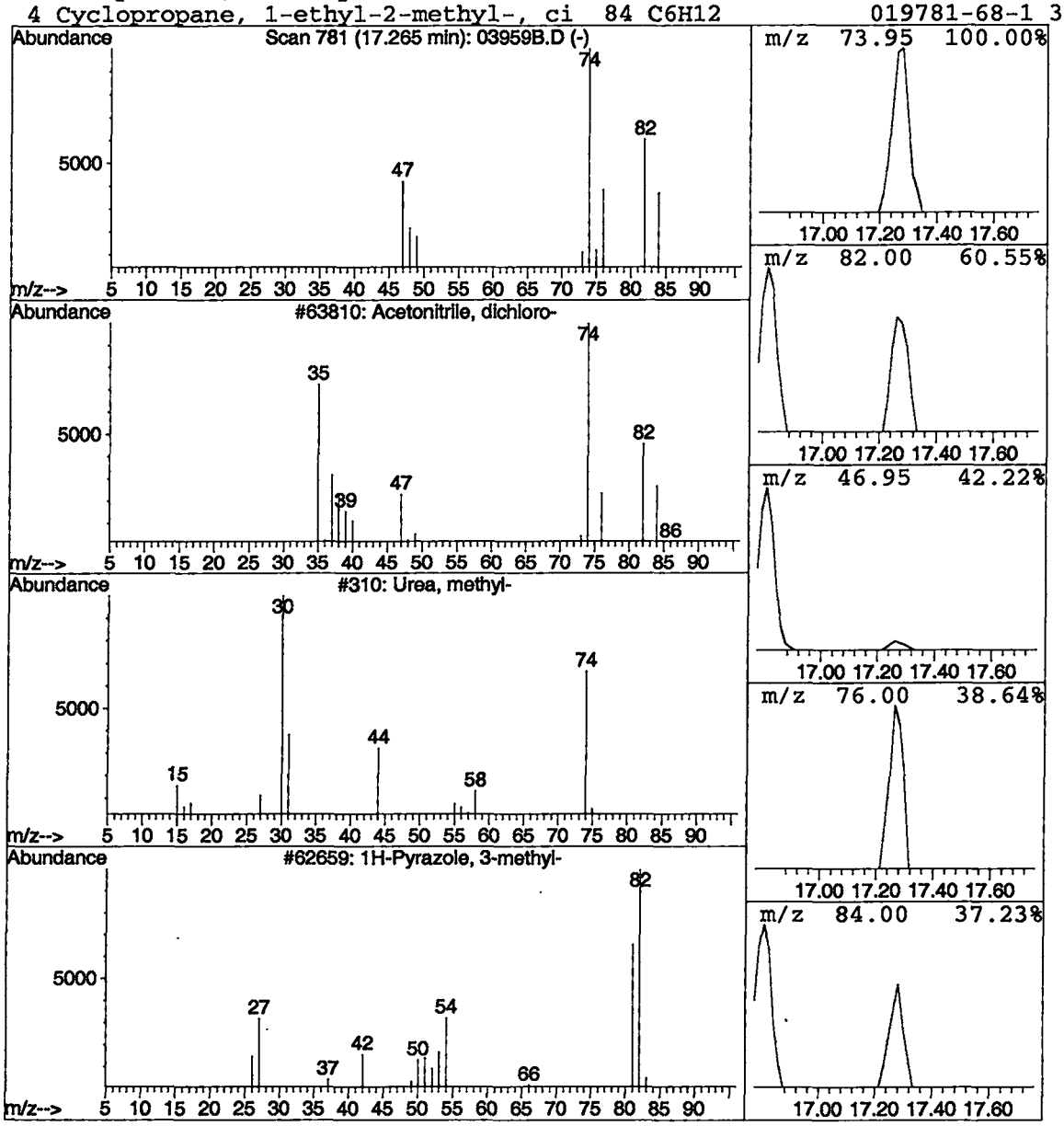
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	0.08 ug/L	86110	1,4-DIFLUOROBENZENE	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	40
2	Urea, methyl-	74	C2H6N2O	000598-50-5	5
3	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	4
4	Cyclopropane, 1-ethyl-2-methyl-, ci	84	C6H12	019781-68-1	3



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb19\03959.D Vial: 6
Acq On : 19 Feb 2002 9:30 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 22:09 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

re-inject

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	985841	5.00	ug/L	-0.03
24) CHLOROBENZENE-D5	21.74	117	912147	5.00	ug/L	-0.02
52) 1,4-DICHLOROBENZENE-D4	26.92	152	372028	5.00	ug/L	-0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.34	65	371274	4.95	ug/L	-0.01
Spiked Amount 5.000			Recovery =	99.00%		
3) 4-BROMOFLUOROBENZENE	24.33	174	288304	3.89	ug/L	-0.03
Spiked Amount 5.000			Recovery =	77.80%		
25) TOLUENE-D8	18.44	98	1208083	5.34	ug/L	-0.03
Spiked Amount 5.000			Recovery =	106.80%		
Target Compounds						Qvalue
12) ACETONE	8.26	43	38730	5.71	ug/L	94
14) METHYLENE CHLORIDE	9.60	49	51472	0.90	ug/L	93
18) 2-BUTANONE (MEK)	12.00	43	14768	0.94	ug/L	95
21) CHLOROFORM	12.80	83	2526702	35.11	ug/L	100
33) BROMODICHLOROMETHANE	16.77	83	590011	12.38	ug/L	99
42) DIBROMOCHLOROMETHANE	20.50	129	42851	1.60	ug/L	99

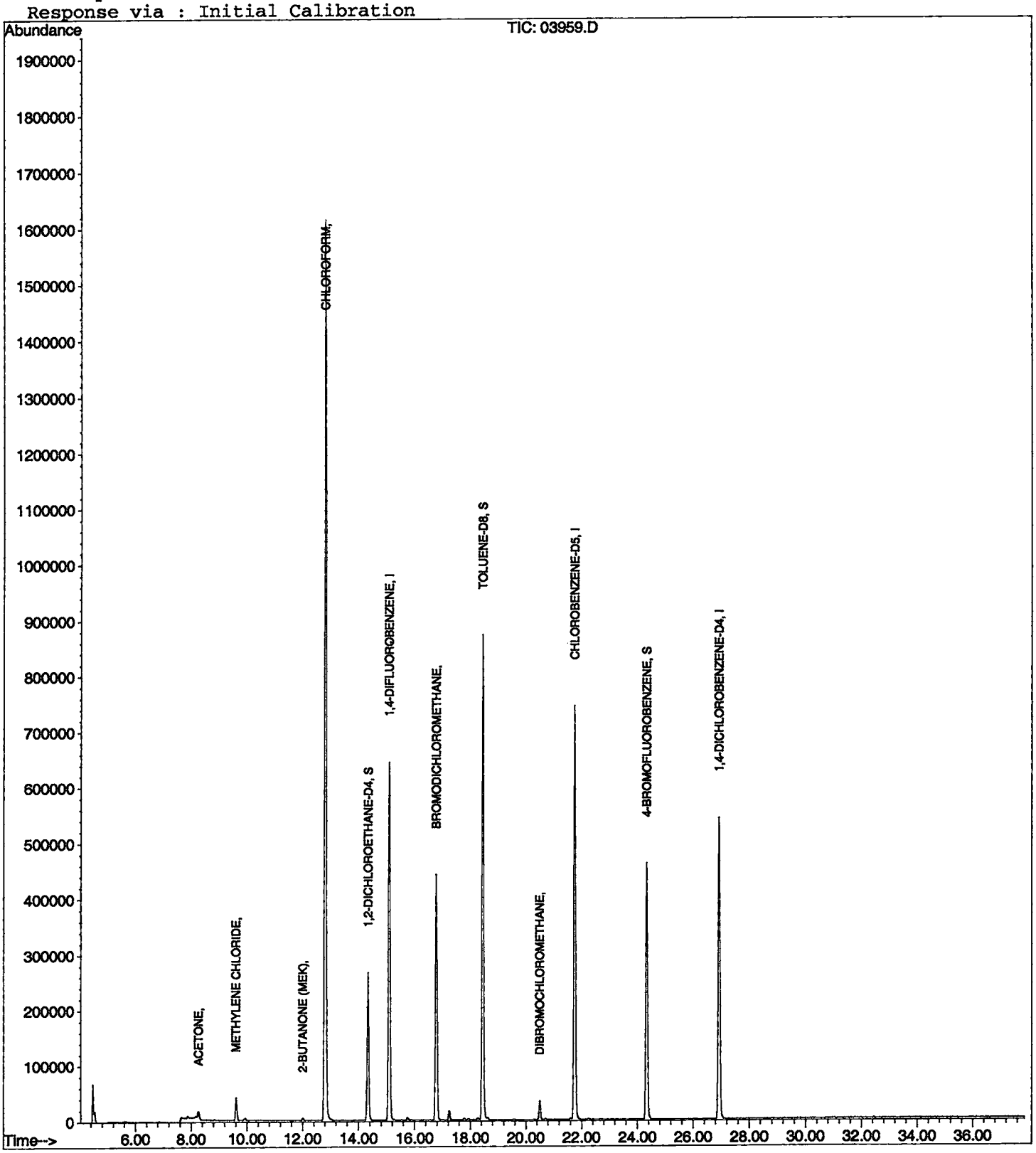
35
12

(#) = qualifier out of range (m) = manual integration
03959.D HP021702.M Tue Feb 19 22:09:32 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb19\03959.D Vial: 6
Acq On : 19 Feb 2002 9:30 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 19, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 19 22:09 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:05:48

Sample: AE03944
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:04 Ended: 2/20/02 00:04 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.4		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		15		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		3.3		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: 02/22/2002 Time: 12:05:48

Sample: AE03944
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:04 Ended: 2/20/02 00:04 Analyst: BH
Result source: manual entry
Page: 2

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

Comments for Sample AE03944 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:29:34

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.04ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03944.D Vial: 10
Acq On : 20 Feb 2002 4:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 16:50 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	2139722	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.78	117	2075321	5.00	ug/L	0.02
52) 1,4-DICHLOROBENZENE-D4	26.97	152	915650	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	713856	4.38	ug/L	0.02
Spiked Amount 5.000			Recovery =	87.60%		
3) 4-BROMOFLUOROBENZENE	24.36	174	686455	4.27	ug/L	0.00
Spiked Amount 5.000			Recovery =	85.40%		
25) TOLUENE-D8	18.49	98	2648403	5.15	ug/L	0.02
Spiked Amount 5.000			Recovery =	103.00%		
Target Compounds						Qvalue
12) ACETONE	8.29	43	122028	~~8.30~~	~~ug/L~~	91
14) METHYLENE CHLORIDE	9.64	49	100709	~~0.81~~	~~ug/L~~	95
18) 2-BUTANONE (MEK)	12.04	43	27892	<0.82	ug/L	95
21) CHLOROFORM 15	12.84	83	2379170	15.23	ug/L	98
33) BROMODICHLOROMETHANE 3.3	16.81	83	357314	3.30	ug/L	99
42) DIBROMOCHLOROMETHANE 3.2	20.53	129	19341	0.32	ug/L	97

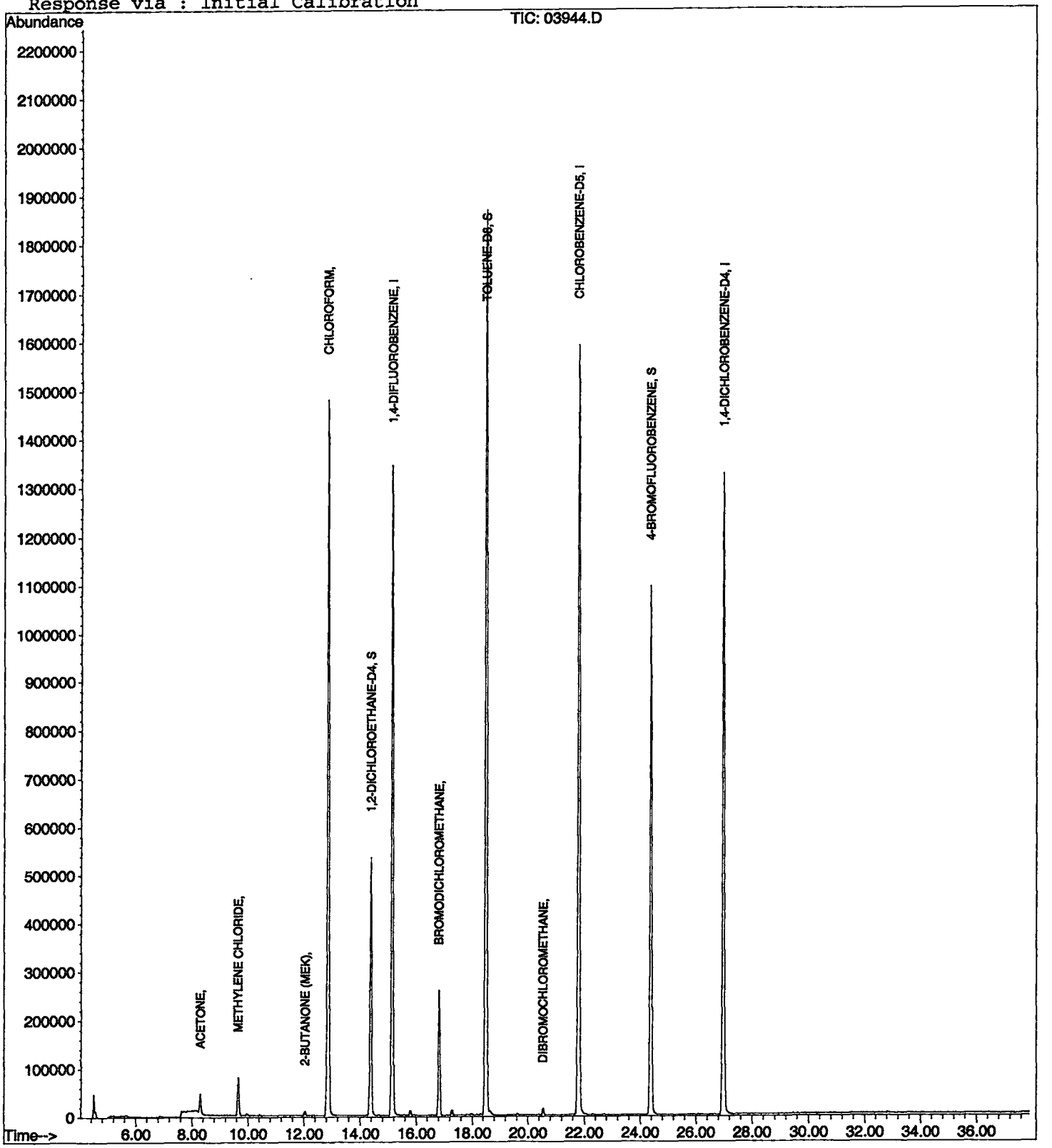
(#) = qualifier out of range (m) = manual integration
03944.D HP021702.M Wed Feb 20 16:51:09 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03944.D
Acq On : 20 Feb 2002 4:12 pm
Sample : nyc
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 16:50 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03944.D Vial: 10
Acq On : 20 Feb 2002 4:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

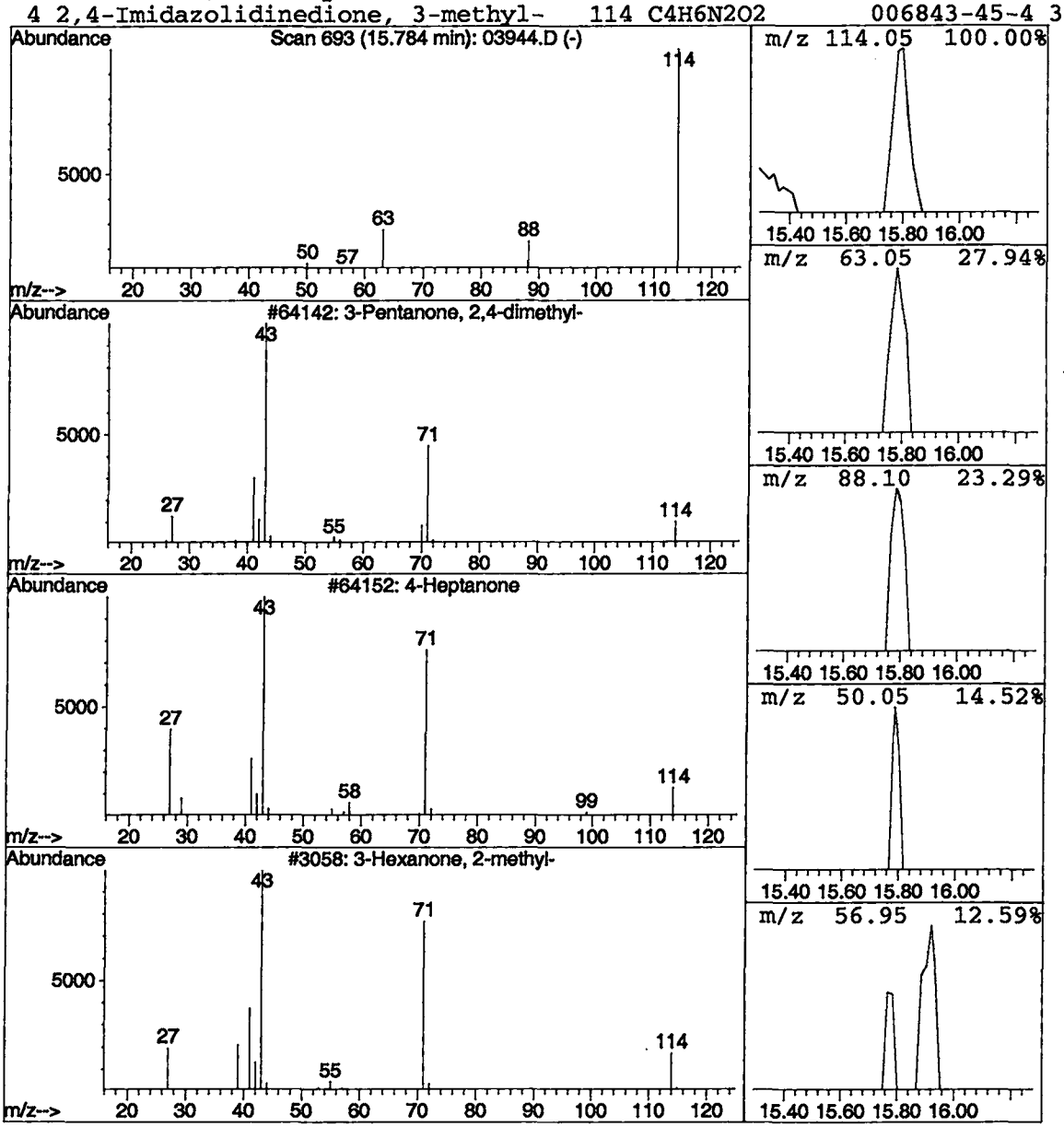
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	0.04 ug/L	39280	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2	4-Heptanone	114	C7H14O	000123-19-3	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03944.D Vial: 10
Acq On : 20 Feb 2002 4:12 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

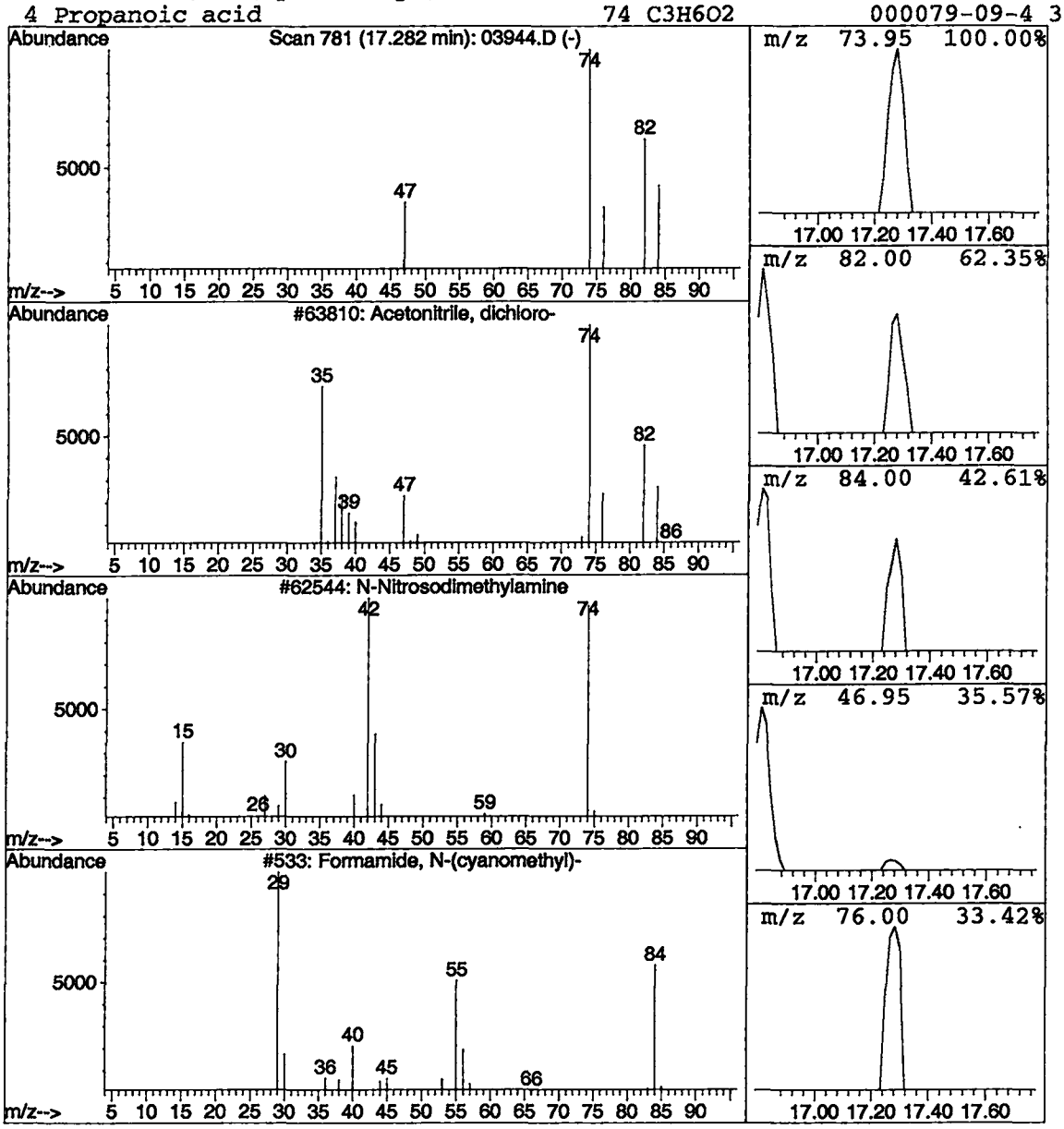
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	0.04 ug/L	37711	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	25
2	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	3
3	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	3
4	Propanoic acid	74	C3H6O2	000079-09-4	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:06:48

Sample: AE03945
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:04 Ended: 2/20/02 00:04 Analyst: BH
Result source: a:\03945.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		13		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		3.3		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: 02/22/2002 Time: 12:06:48

Sample: AE03945
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:04 Ended: 2/20/02 00:04 Analyst: BH
Result source: a:\03945.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

Comments for Sample AE03945 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:29:58

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.03ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03945.D Vial: 11
Acq On : 20 Feb 2002 4:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 17:34 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	2013369	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	1878932	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.97	152	818602	5.00	ug/L	0.02
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.37	65	686180	4.48	ug/L	0.02
Spiked Amount 5.000			Recovery =	89.60%		
3) 4-BROMOFLUOROBENZENE	24.38	174	615936	4.07	ug/L	0.03
Spiked Amount 5.000			Recovery =	81.40%		
25) TOLUENE-D8	18.49	98	2431736	5.22	ug/L	0.02
Spiked Amount 5.000			Recovery =	104.40%		
Target Compounds						Qvalue
12) ACETONE 9.3	8.29	43	128407	9.28	ug/L	87
14) METHYLENE CHLORIDE	9.65	49	95630	~~0.82 ug/L~~		99
18) 2-BUTANONE (MEK)	12.04	43	25738	~~0.80 ug/L~~		96
21) CHLOROFORM 13	12.86	83	1958808	13.33	ug/L	100
33) BROMODICHLOROMETHANE 3.3	16.82	83	327355	3.34	ug/L	99
37) TOLUENE	18.66	91	15028	~~0.05 ug/L~~		89
42) DIBROMOCHLOROMETHANE 4.1	20.55	129	22403	0.41	ug/L	96
46) 2-HEXANONE	19.63	43	1804	0.06	ug/L	30

(#) = qualifier out of range (m) = manual integration
03945.D HP021702.M Wed Feb 20 17:34:30 2002 Page 1

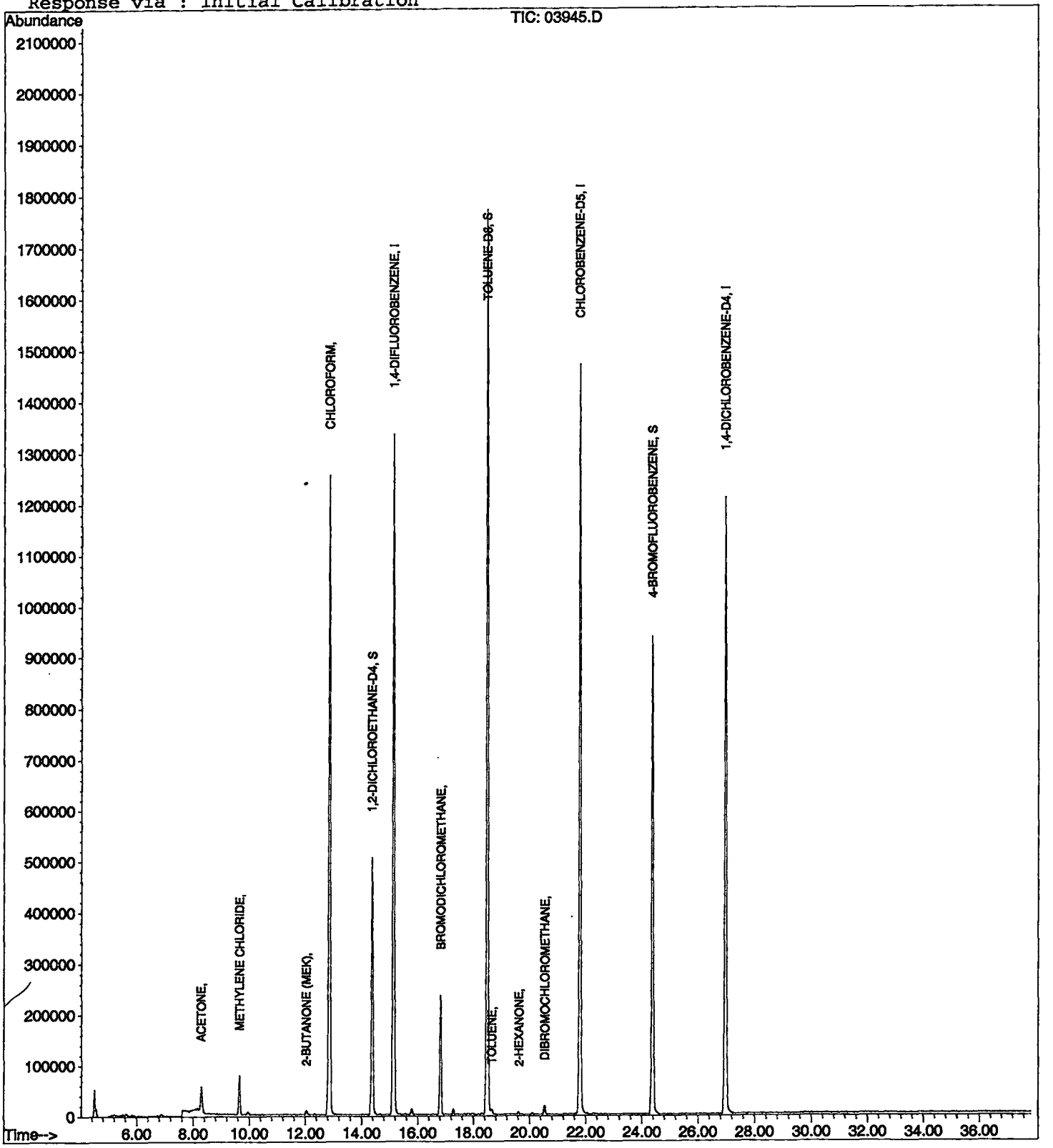
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03945.D
Acq On : 20 Feb 2002 4:56 pm
Sample : nyc
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 17:34 2002

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

Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03945.D Vial: 11
Acq On : 20 Feb 2002 4:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

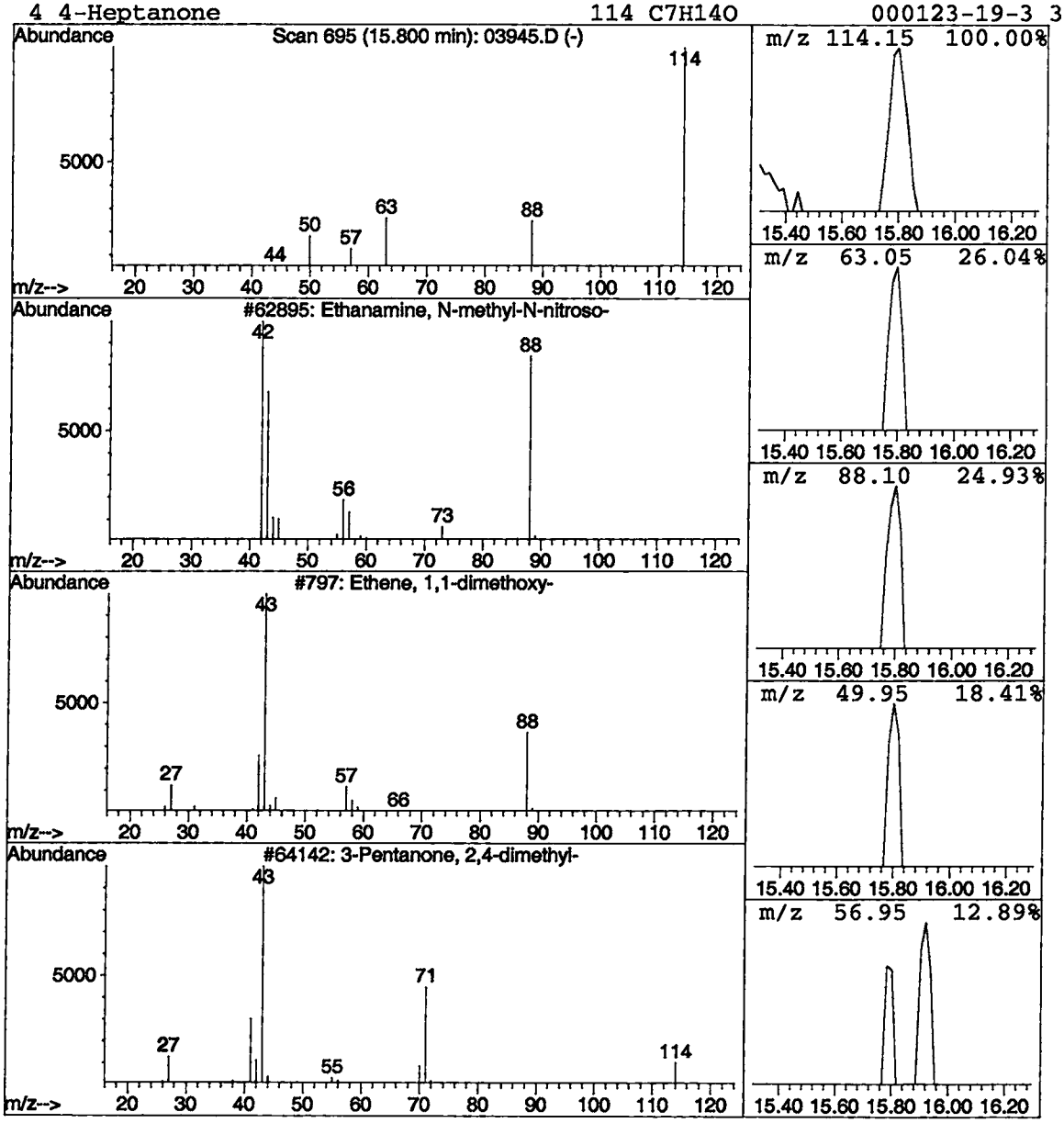
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Ethanamine, N-methyl-N-nitroso Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	42748	1,4-DIFLUOROBENZENE	15.14

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03945.D Vial: 11
Acq On : 20 Feb 2002 4:56 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

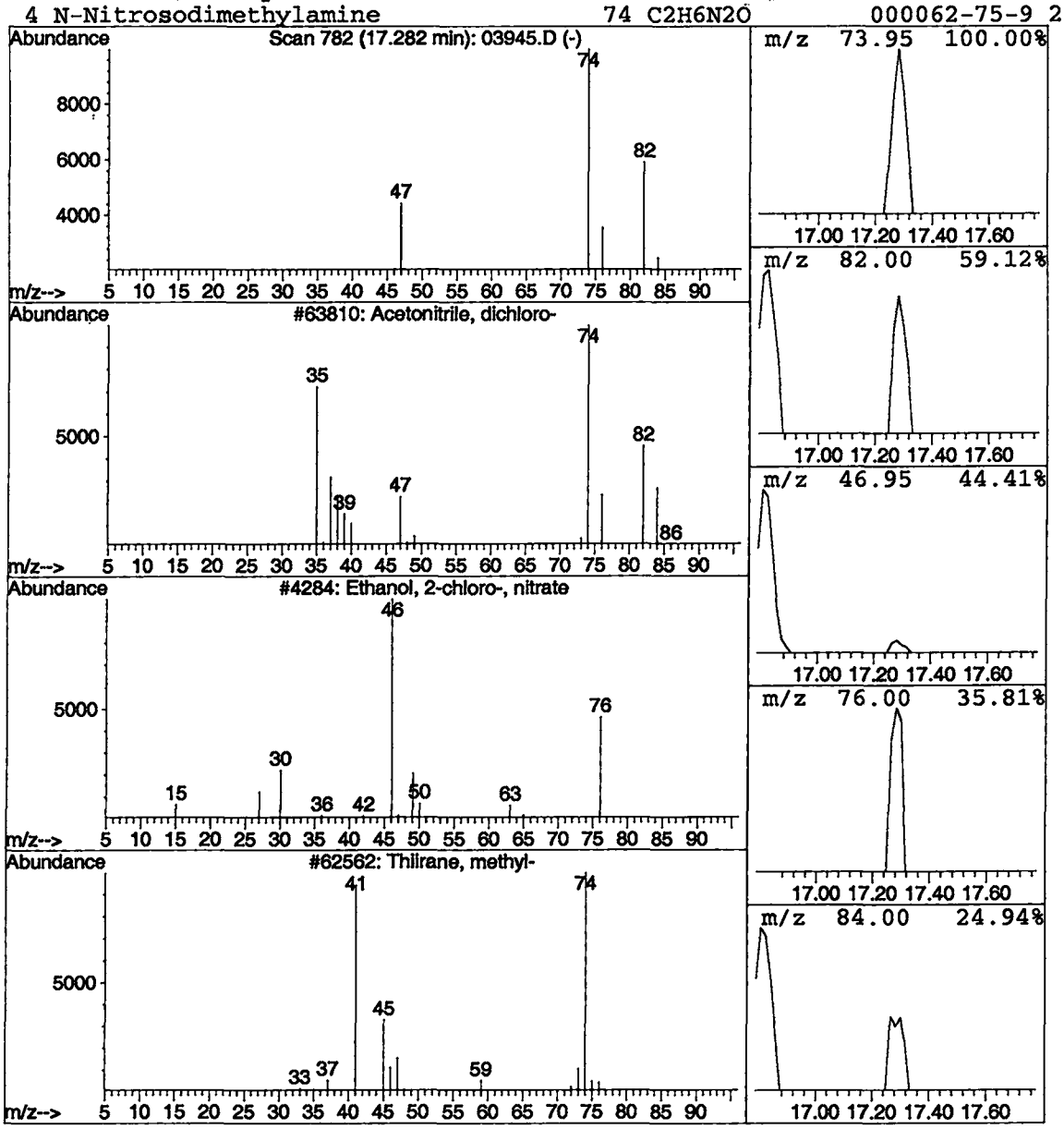
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	0.03 ug/L	33764	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	4
2	Ethanol, 2-chloro-, nitrate	125	C2H4ClNO3	021823-34-7	2
3	Thiirane, methyl-	74	C3H6S	001072-43-1	2
4	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:08:13

Sample: AE03946
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:05 Ended: 2/20/02 00:05 Analyst: BH
Result source: a:\03946.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		18		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		5.7		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: 02/22/2002 Time: 12:08:13

Sample: AE03946
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:05 Ended: 2/20/02 00:05 Analyst: BH
Result source: a:\03946.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

Comments for Sample AE03946 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:30:15

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.09ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03946.D Vial: 12
Acq On : 20 Feb 2002 5:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 18:17 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.14	114	1918245	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.79	117	1807380	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.99	152	795940	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	653573	4.48	ug/L	0.04
Spiked Amount 5.000			Recovery =	89.60%		
3) 4-BROMOFLUOROBENZENE	24.38	174	586900	4.07	ug/L	0.03
Spiked Amount 5.000			Recovery =	81.40%		
25) TOLUENE-D8	18.49	98	2332474	5.20	ug/L	0.02
Spiked Amount 5.000			Recovery =	104.00%		
Target Compounds						Qvalue
9) TRICHLOROFLUOROMETHANE	7.87	101	10231	~~0.17 ug/L~~		95
10) Isopropyl Alcohol	7.85	45	55709	~~42.43 ug/L~~		82
12) ACETONE	8.29	43	67675	~~5.13 ug/L~~		91
14) METHYLENE CHLORIDE	9.65	49	92322	~~0.83 ug/L~~		95
15) METHYL TERT BUTYL ETHER	9.96	73	19843	0.16 ug/L		85
18) 2-BUTANONE (MEK)	12.05	43	31574	~~1.03 ug/L~~		94
21) CHLOROFORM 18	12.86	83	2548612	18.20 ug/L		99
33) BROMODICHLOROMETHANE 5.7	16.82	83	541588	5.74 ug/L		99
37) TOLUENE	18.68	91	48980	~~0.18 ug/L~~		94
42) DIBROMOCHLOROMETHANE .68	20.55	129	36151	0.68 ug/L		98

(#) = qualifier out of range (m) = manual integration
03946.D HP021702.M Wed Feb 20 18:18:07 2002 Page 1

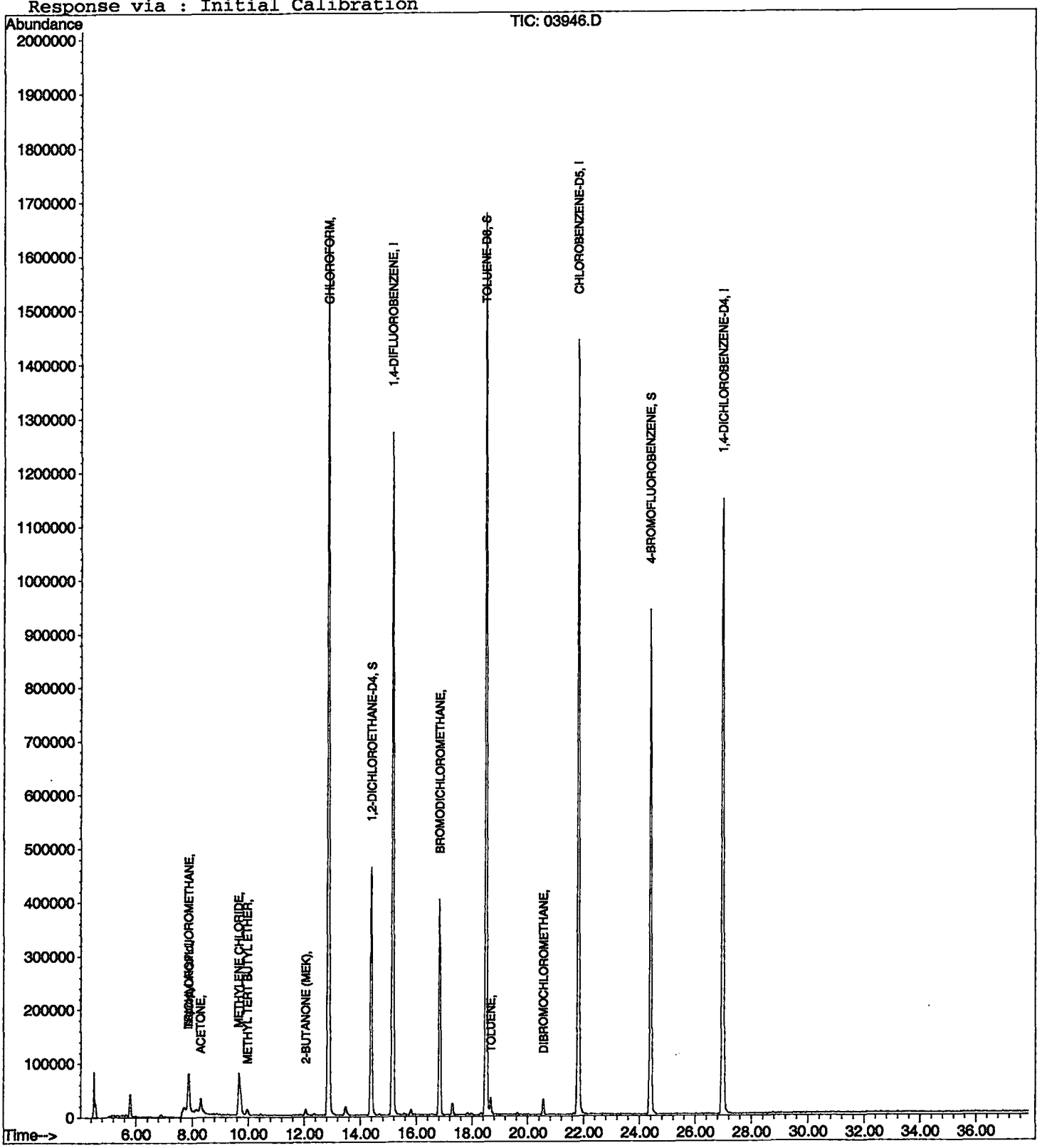
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03946.D
Acq On : 20 Feb 2002 5:39 pm
Sample : nyc
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 18:17 2002

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

Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03946.D Vial: 12
Acq On : 20 Feb 2002 5:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

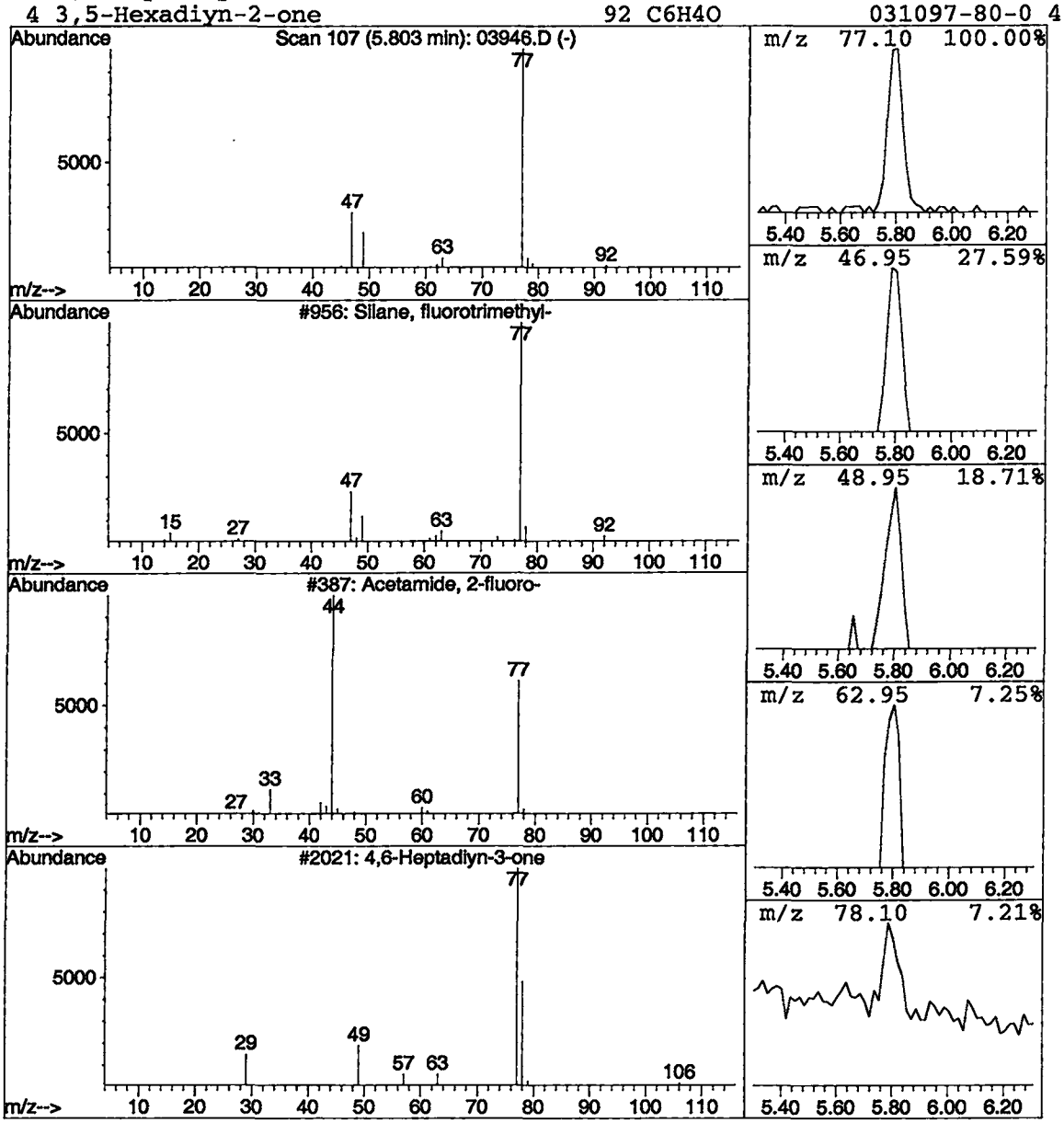
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Silane, fluorotrimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	0.17 ug/L	164985	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, fluorotrimethyl-	92	C3H9FSi	000420-56-4	90
2	Acetamide, 2-fluoro-	77	C2H4FNO	000640-19-7	9
3	4,6-Heptadiyn-3-one	106	C7H6O	029743-27-9	9
4	3,5-Hexadiyn-2-one	92	C6H4O	031097-80-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03946.D Vial: 12
Acq On : 20 Feb 2002 5:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

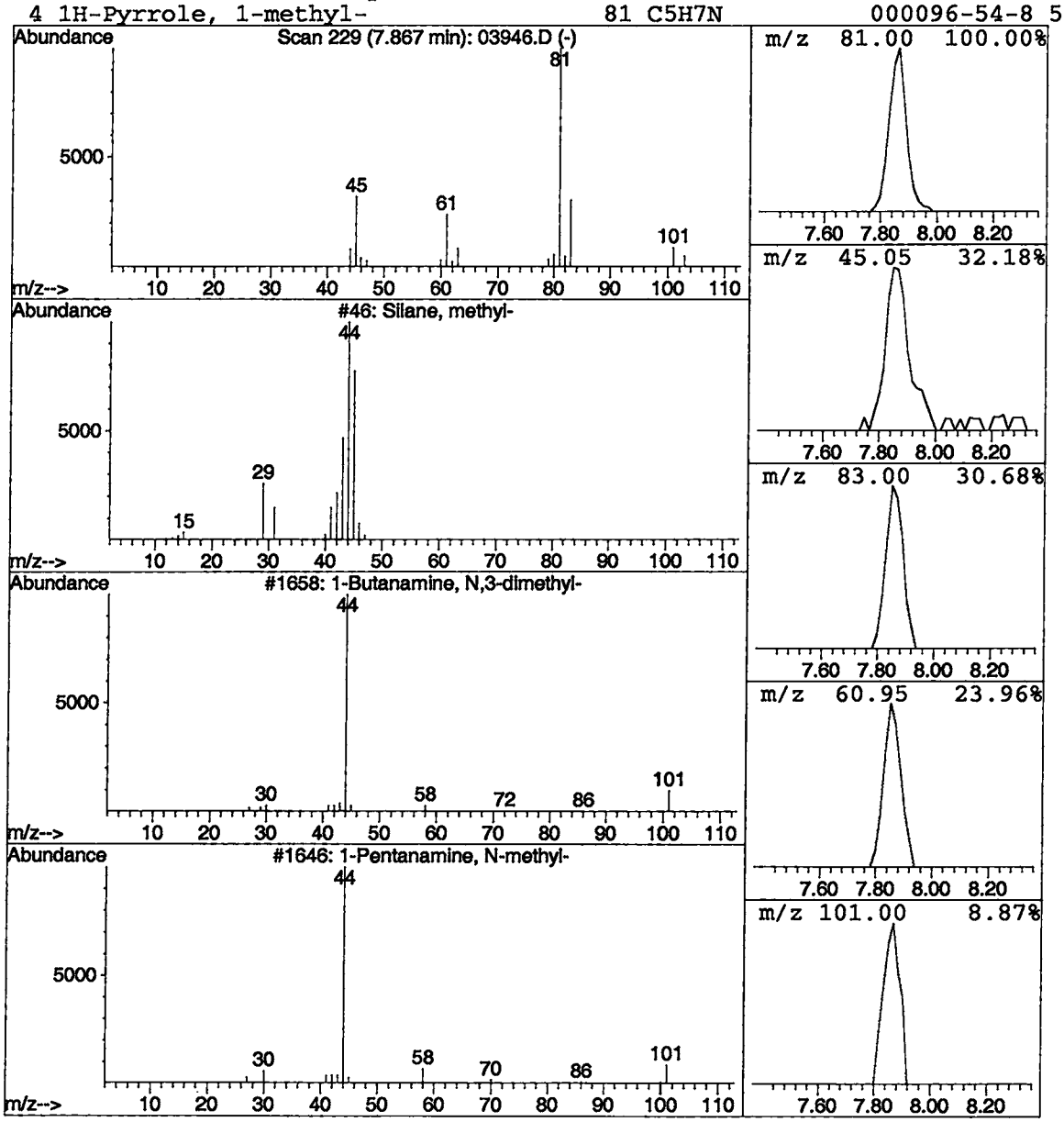
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, methyl- Concentration Rank 6

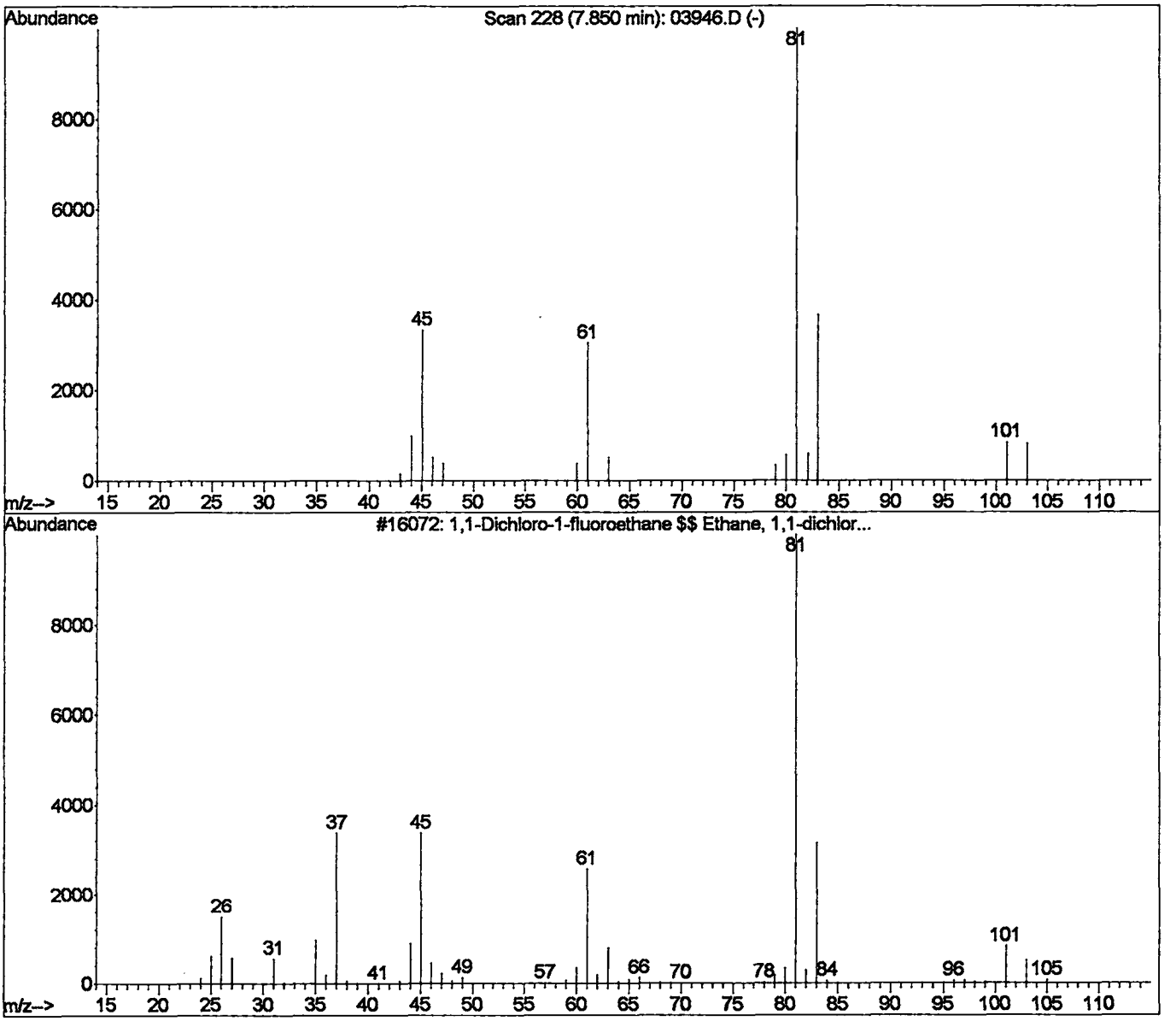
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	0.45 ug/L	428331	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, methyl-	46	CH6Si	000992-94-9	7
2	1-Butanamine, N,3-dimethyl-	101	C6H15N	004104-44-3	5
3	1-Pentanamine, N-methyl-	101	C6H15N	025419-06-1	5
4	1H-Pyrrole, 1-methyl-	81	C5H7N	000096-54-8	5



no good match

Library Searched : C:\DATABASE\wiley7n.L
Quality : 83
ID : 1,1-Dichloro-1-fluoroethane $$ Ethane, 1,1-dichloro -1-fluoro- $$ Freon 141



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03946.D Vial: 12
Acq On : 20 Feb 2002 5:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

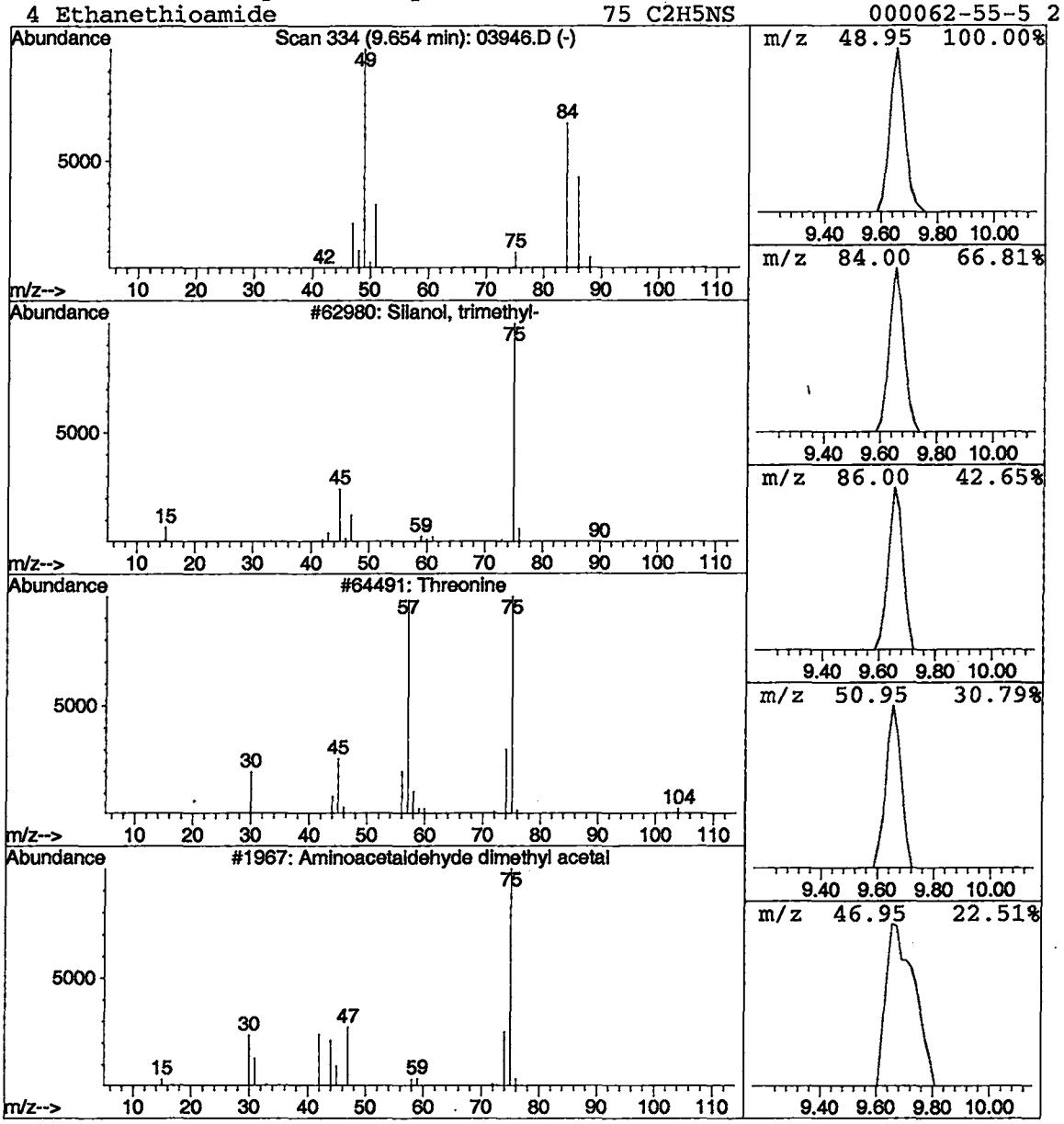
****

Peak Number 1 Silanol, trimethyl- Concentration Rank 11

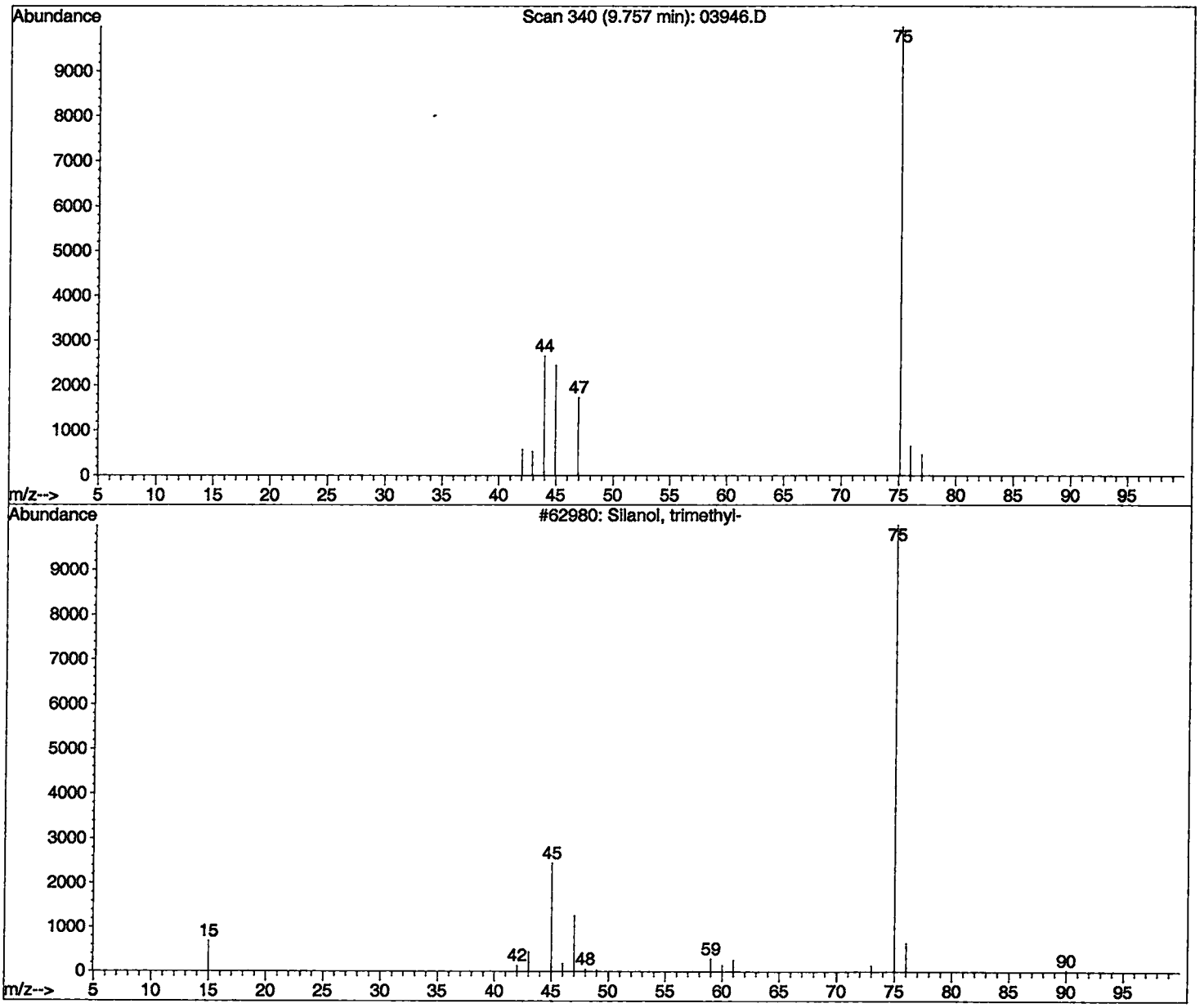
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	0.50 ug/L	479336	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	64
2	Threonine	119	C4H9NO3	000072-19-5	2
3	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	2
4	Ethanethioamide	75	C2H5NS	000062-55-5	2

- coeluter with methylene chloride



Library Searched : C:\DATABASE\NBS75K.L
Quality : 40
ID : Silanol, trimethyl-



coelutes with methylene chloride

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03946.D Vial: 12
Acq On : 20 Feb 2002 5:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

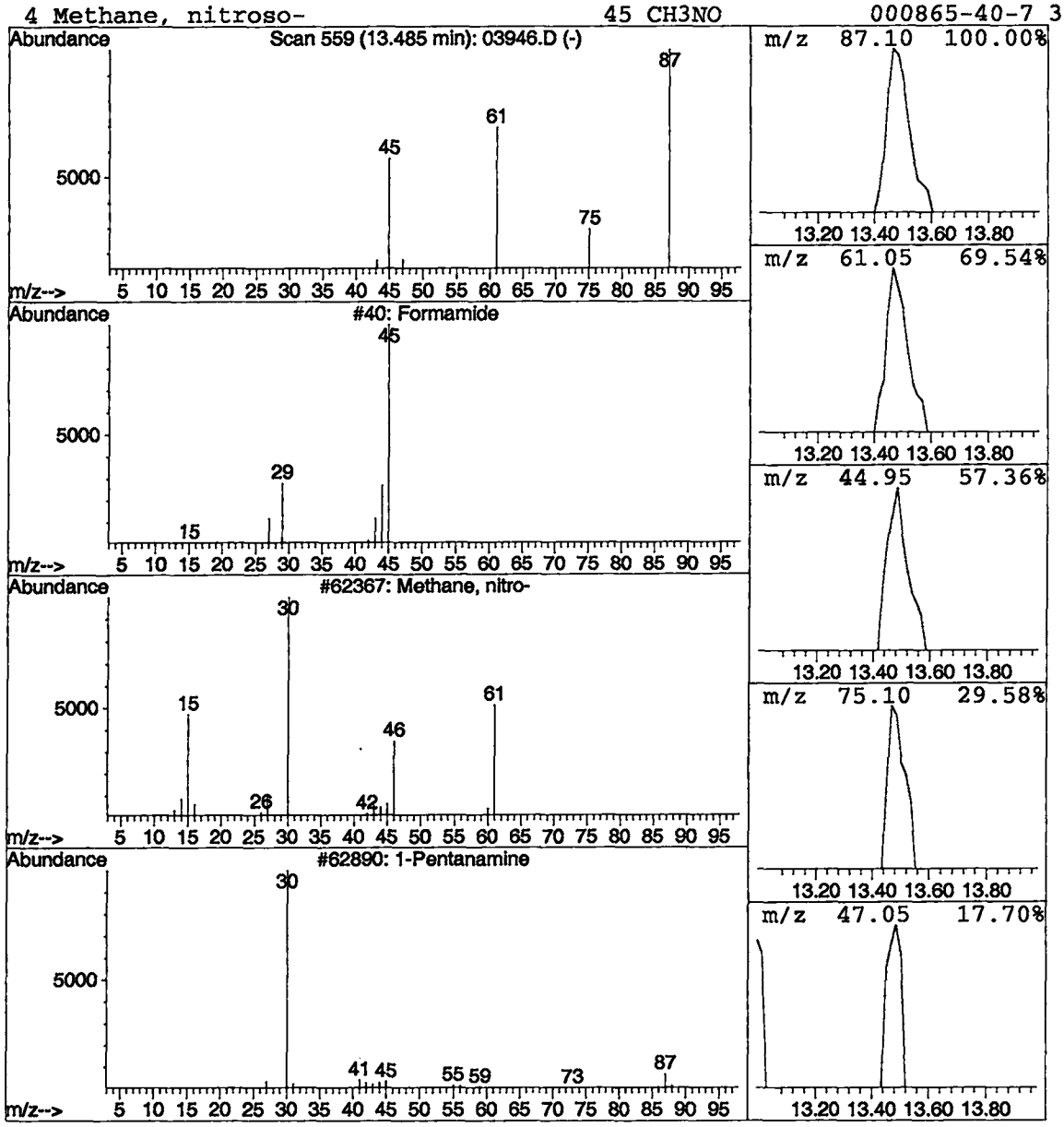
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Formamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	0.09 ug/L	85701	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide	45	CH3NO	000075-12-7	4
2	Methane, nitro-	61	CH3NO2	000075-52-5	3
3	1-Pentanamine	87	C5H13N	000110-58-7	3
4	Methane, nitroso-	45	CH3NO	000865-40-7	3



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no good mat

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03946.D Vial: 12
Acq On : 20 Feb 2002 5:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

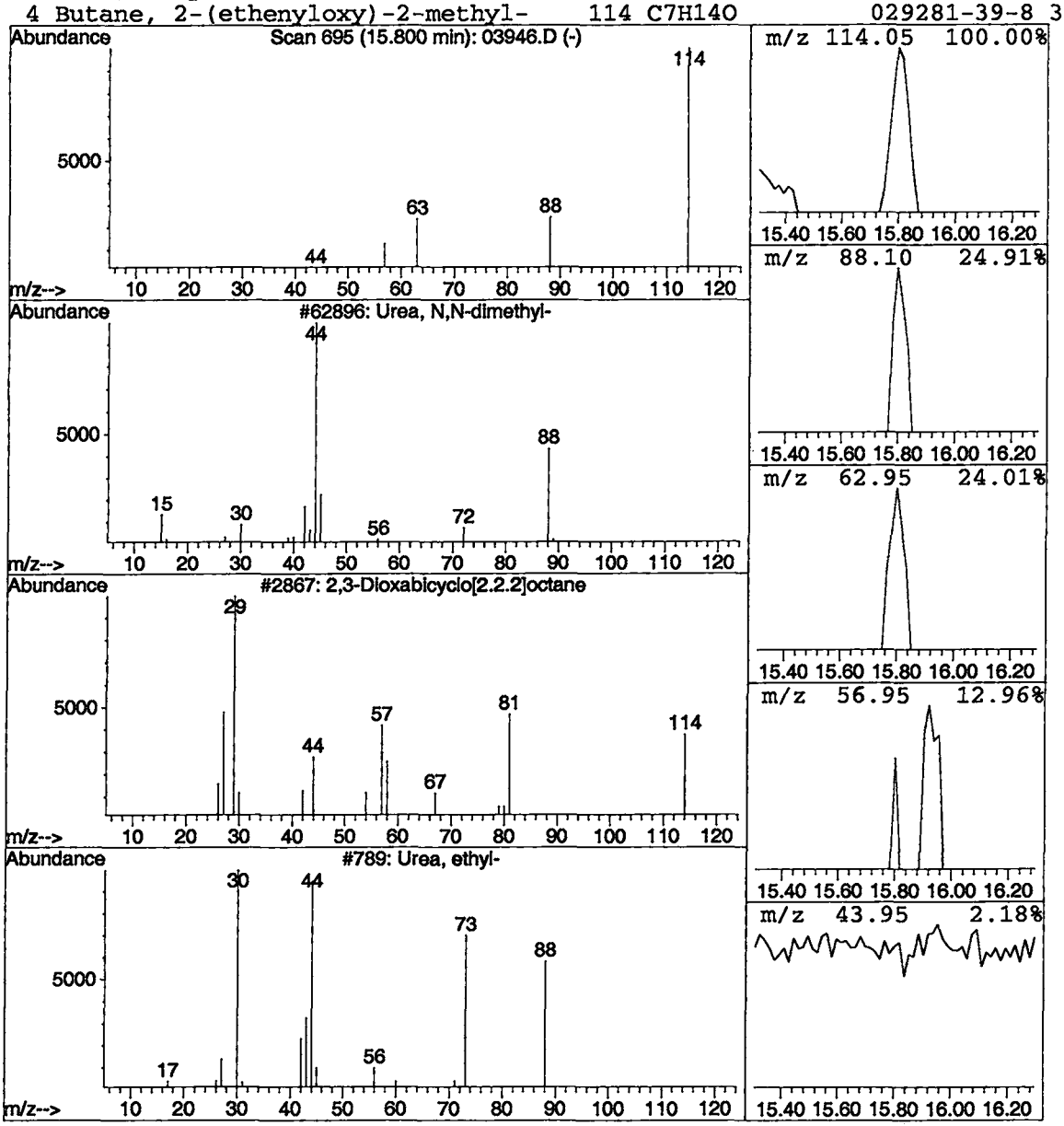
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	34194	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	2,3-Dioxabicyclo[2.2.2]octane	114	C6H10O2	000000-00-0	4
3	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
4	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03946.D Vial: 12
Acq On : 20 Feb 2002 5:39 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

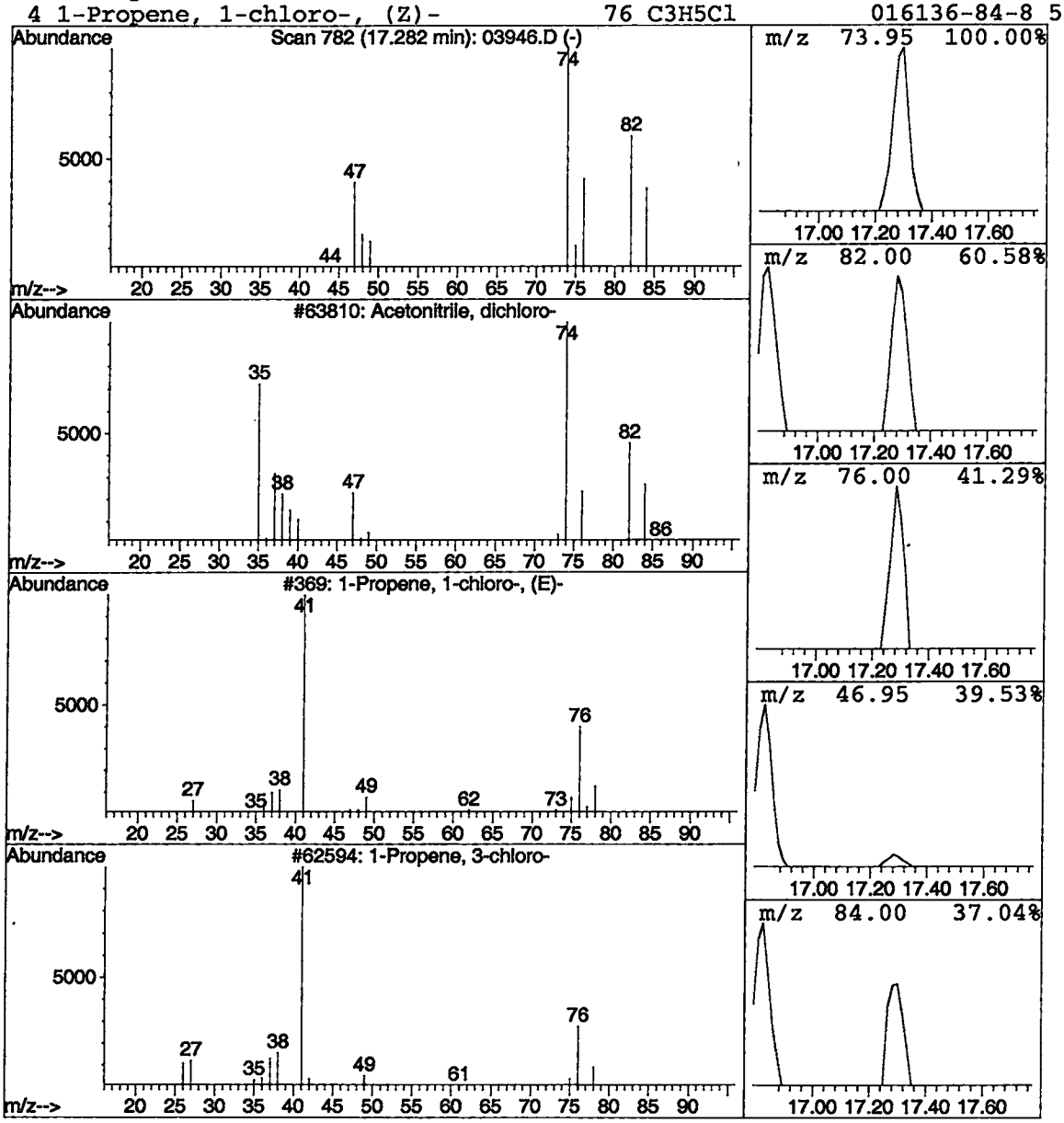
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	0.09 ug/L	81981	1,4-DIFLUOROBENZENE	15.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	28
2	1-Propene, 1-chloro-, (E)-	76	C3H5Cl	016136-85-9	5
3	1-Propene, 3-chloro-	76	C3H5Cl	000107-05-1	5
4	1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	5



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:09:50

Sample: AE03948
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:06 Ended: 2/20/02 00:06 Analyst: BH
Result source: a:\03948.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.4		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		18		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		3.4		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: 02/22/2002 Time: 12:09:50

Sample: AE03948
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:06 Ended: 2/20/02 00:06 Analyst: BH
Result source: a:\03948.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

Comments for Sample AE03948 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:30:32

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.05ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03948.D Vial: 13
Acq On : 20 Feb 2002 6:22 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 19:00 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	2393382	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.79	117	2270164	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.98	152	995485	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	805732	4.42	ug/L	0.04
Spiked Amount 5.000			Recovery =	88.40%		
3) 4-BROMOFLUOROBENZENE	24.38	174	746747	4.15	ug/L	0.02
Spiked Amount 5.000			Recovery =	83.00%		
25) TOLUENE-D8	18.51	98	2912304	5.17	ug/L	0.03
Spiked Amount 5.000			Recovery =	103.40%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	232098	14.11	ug/L	98
14) METHYLENE CHLORIDE .81	9.65	49	111566	0.81	ug/L	98
18) 2-BUTANONE (MEK)	12.05	43	29573	0.78	ug/L	96
21) CHLOROFORM 18	12.85	83	3087576	17.67	ug/L	99
33) BROMODICHLOROMETHANE 3.4	16.82	83	403796	3.41	ug/L	99
42) DIBROMOCHLOROMETHANE .31	20.57	129	20427	0.31	ug/L	92

(#) = qualifier out of range (m) = manual integration
03948.D HP021702.M Wed Feb 20 19:00:54 2002 Page 1

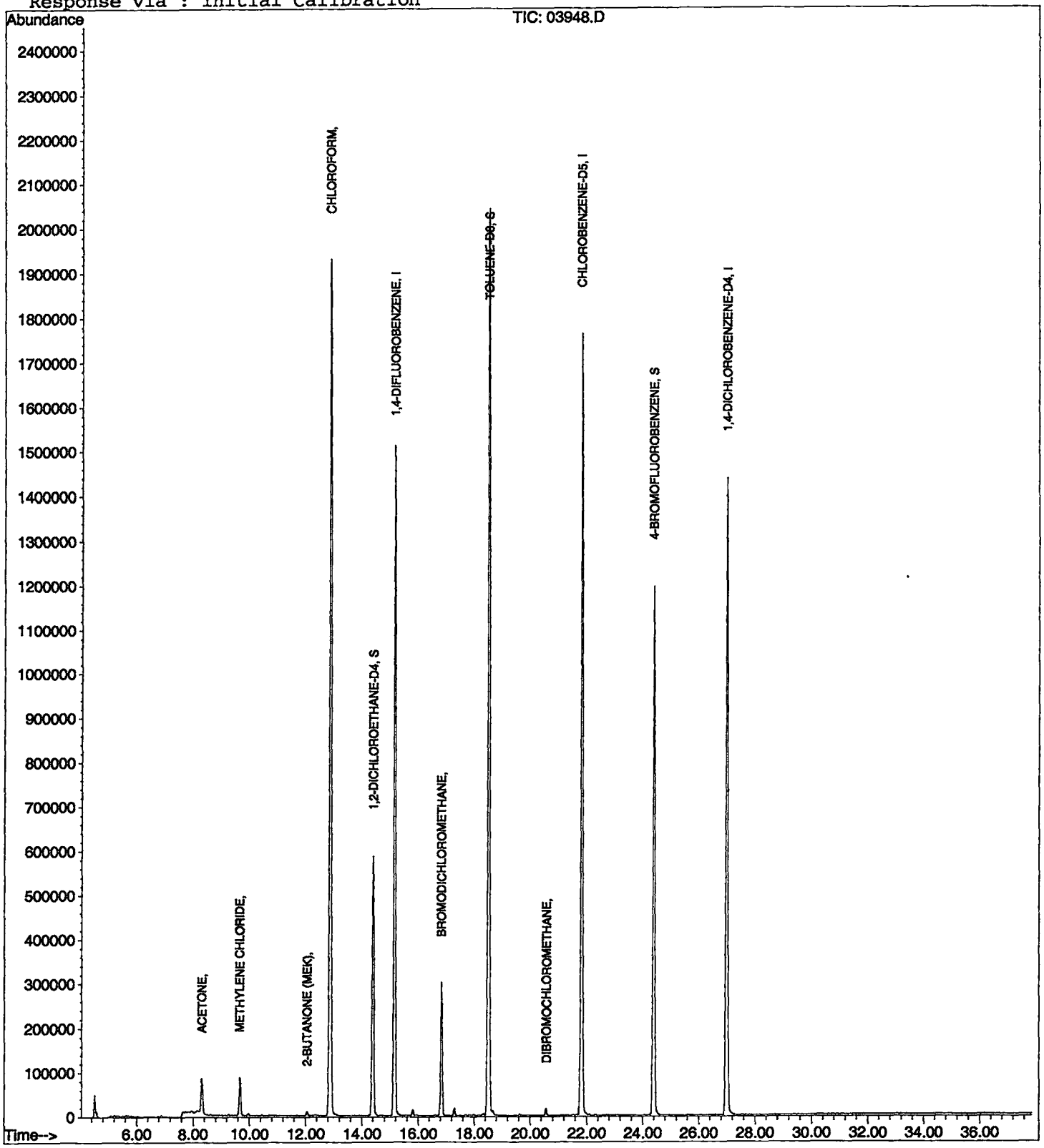
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03948.D
Acq On : 20 Feb 2002 6:22 pm
Sample : nyc
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 19:00 2002

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

Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03948.D Vial: 13
Acq On : 20 Feb 2002 6:22 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

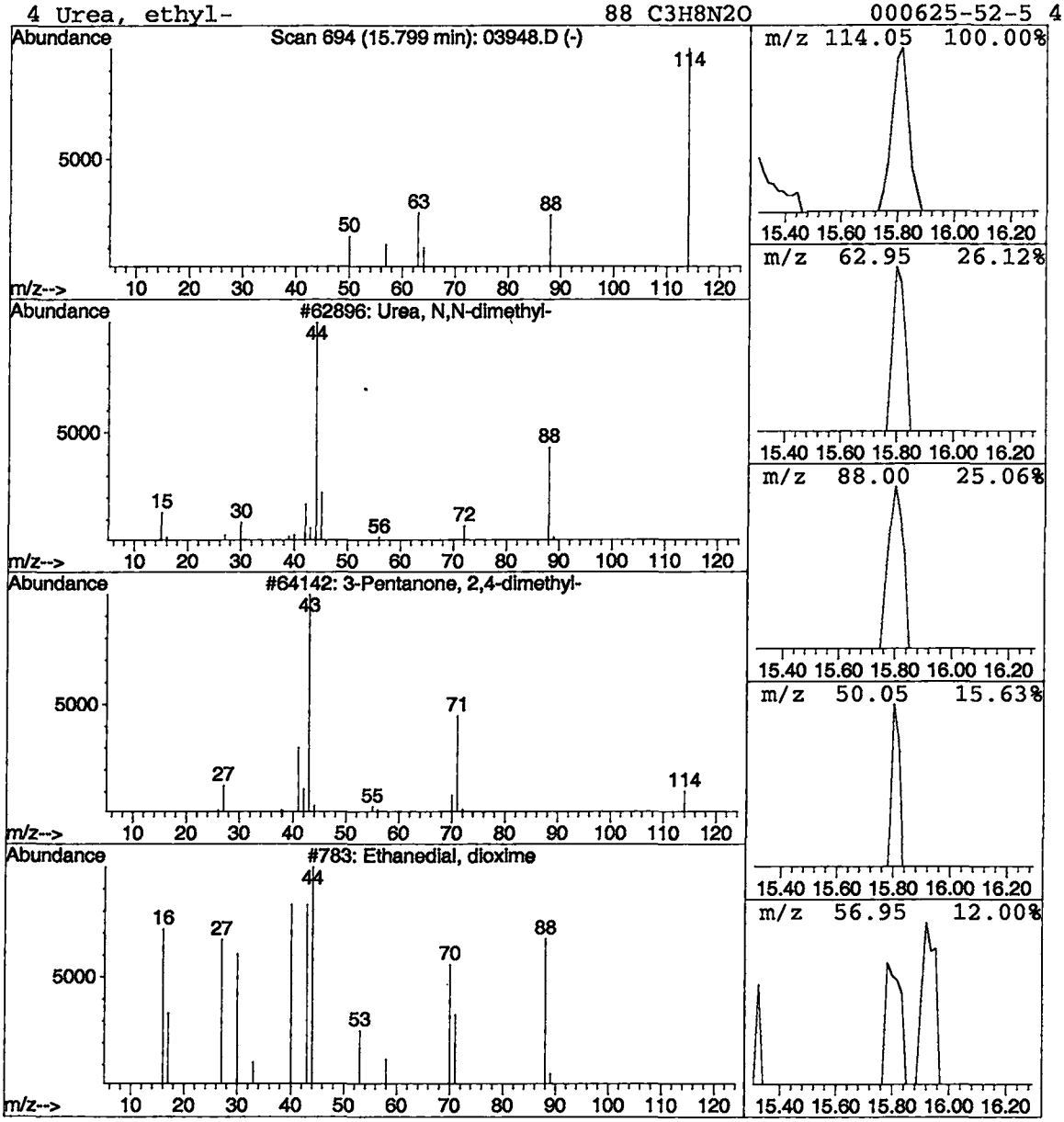
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Urea, N,N-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	47239	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, N,N-dimethyl-	88	C3H8N2O	000598-94-7	5
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	5
3	Ethanedial, dioxime	88	C2H4N2O2	000557-30-2	4
4	Urea, ethyl-	88	C3H8N2O	000625-52-5	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03948.D Vial: 13
Acq On : 20 Feb 2002 6:22 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

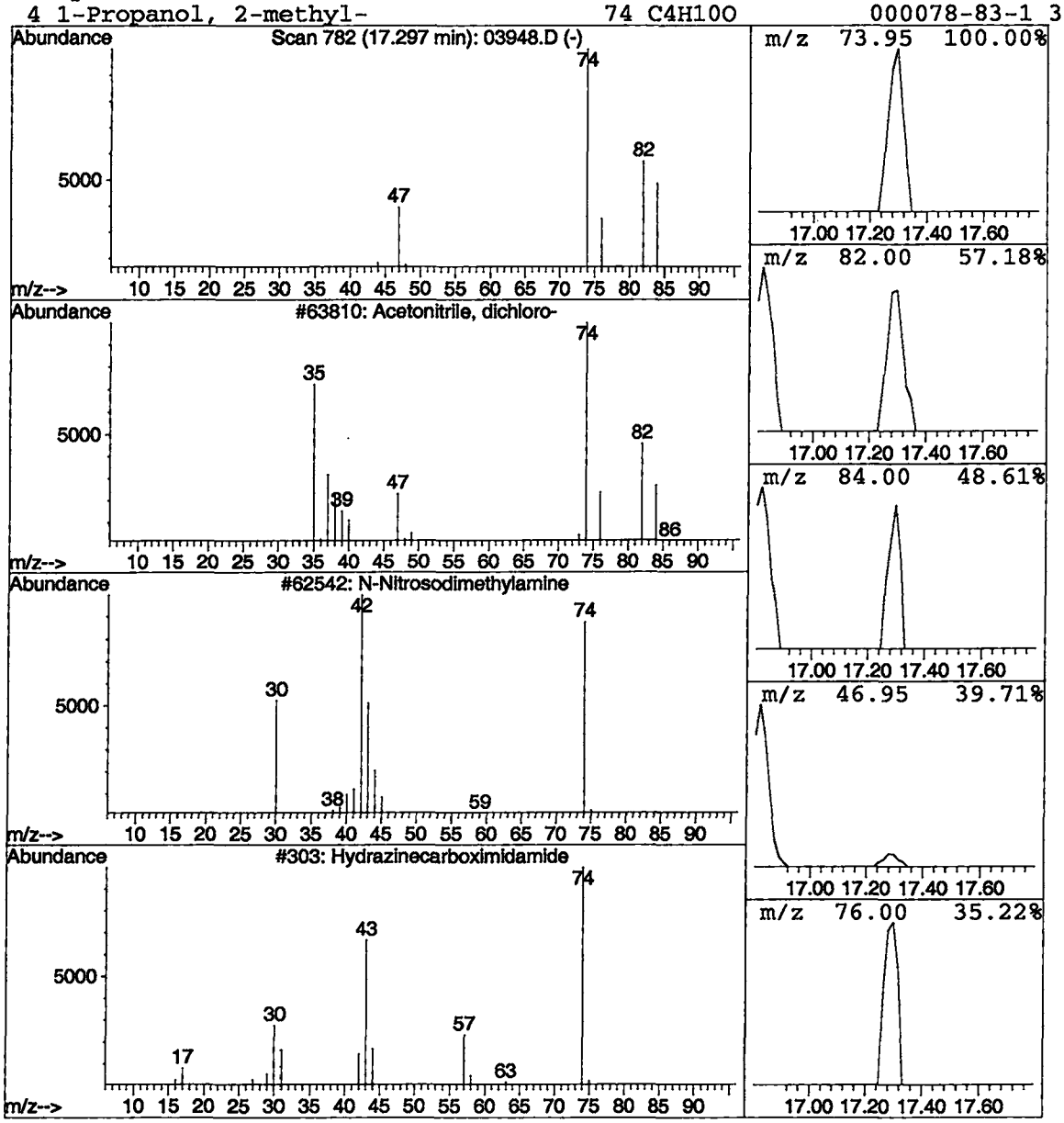
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	0.05 ug/L	59036	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	25
2	N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	4
3	Hydrazinecarboximidamide	74	CH6N4	000079-17-4	4
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:10:48

Sample: AE03949
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:07 Ended: 2/20/02 00:07 Analyst: BH
Result source: a:\03949.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		21		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		7.3		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: 02/22/2002 Time: 12:10:48

Sample: AE03949
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:07 Ended: 2/20/02 00:07 Analyst: BH
Result source: a:\03949.rr
Page: 2

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

Comments for Sample AE03949 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:30:52

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.07ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03949.D Vial: 14
Acq On : 20 Feb 2002 7:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 19:43 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	2219488	5.00 ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	2081957	5.00 ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	882477	5.00 ug/L	0.04
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.39	65	769266	4.55 ug/L	0.04
Spiked Amount 5.000			Recovery =	91.00%	
3) 4-BROMOFLUOROBENZENE	24.40	174	661127	3.96 ug/L	0.04
Spiked Amount 5.000			Recovery =	79.20%	
25) TOLUENE-D8	18.51	98	2710391	5.25 ug/L	0.04
Spiked Amount 5.000			Recovery =	105.00%	
Target Compounds					Qvalue
12) ACETONE	8.31	43	51611	3.38 ug/L	84
14) METHYLENE CHLORIDE	9.65	49	104909	~~0.82 ug/L~~	97
15) METHYL TERT BUTYL ETHER	9.96	73	12095	0.09 ug/L	79
18) 2-BUTANONE (MEK)	12.06	43	28982	~~0.82 ug/L~~	93
21) CHLOROFORM 21	12.87	83	3453935	21.32 ug/L	98
33) BROMODICHLOROMETHANE 7.3	16.82	83	792608	7.29 ug/L	99
42) DIBROMOCHLOROMETHANE .91	20.57	129	55482	0.91 ug/L	100

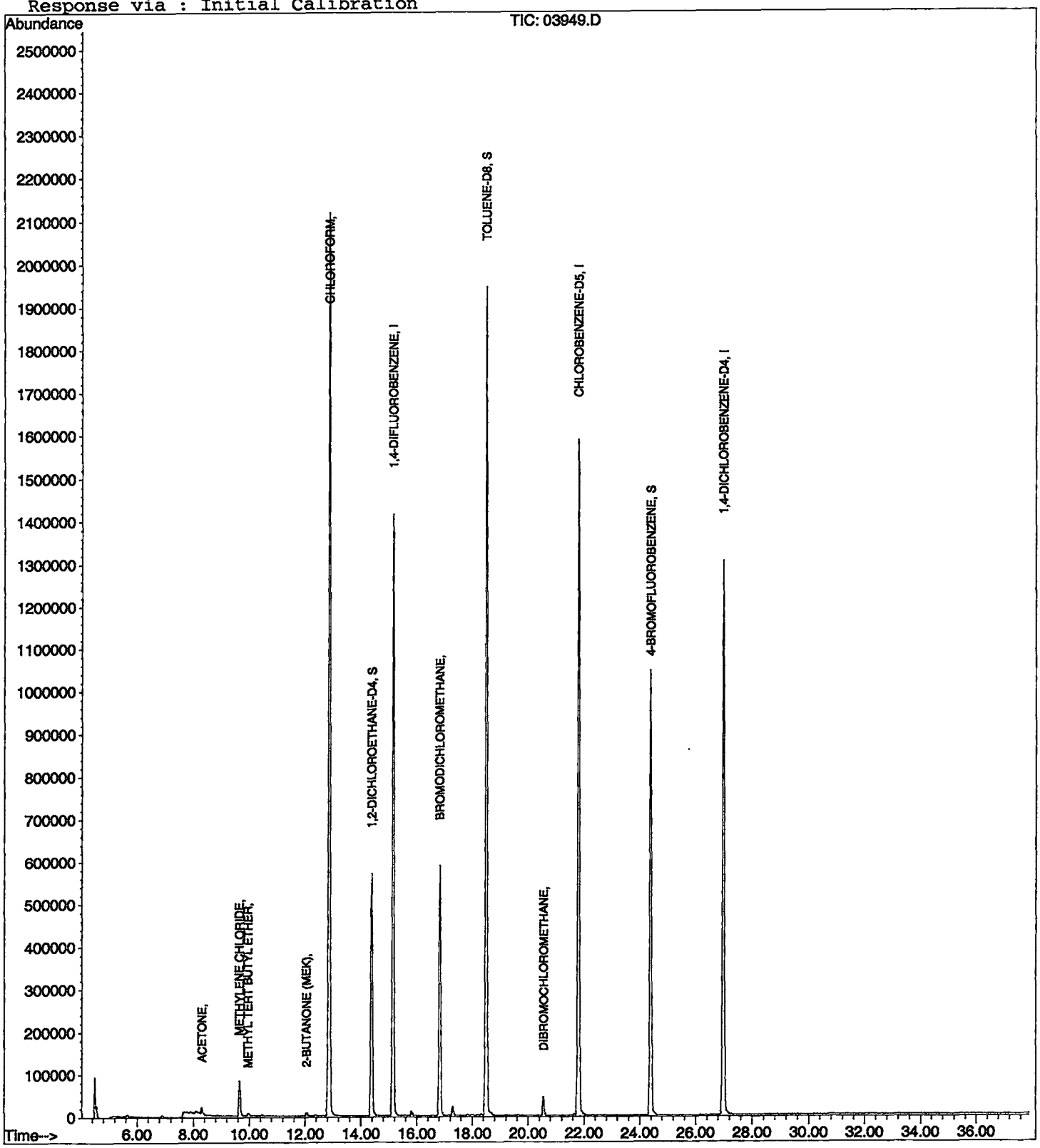
(#) = qualifier out of range (m) = manual integration
03949.D HP021702.M Wed Feb 20 19:43:45 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03949.D
Acq On : 20 Feb 2002 7:05 pm
Sample : nyc
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 19:43 2002

Vial: 14
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03949.D Vial: 14
Acq On : 20 Feb 2002 7:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

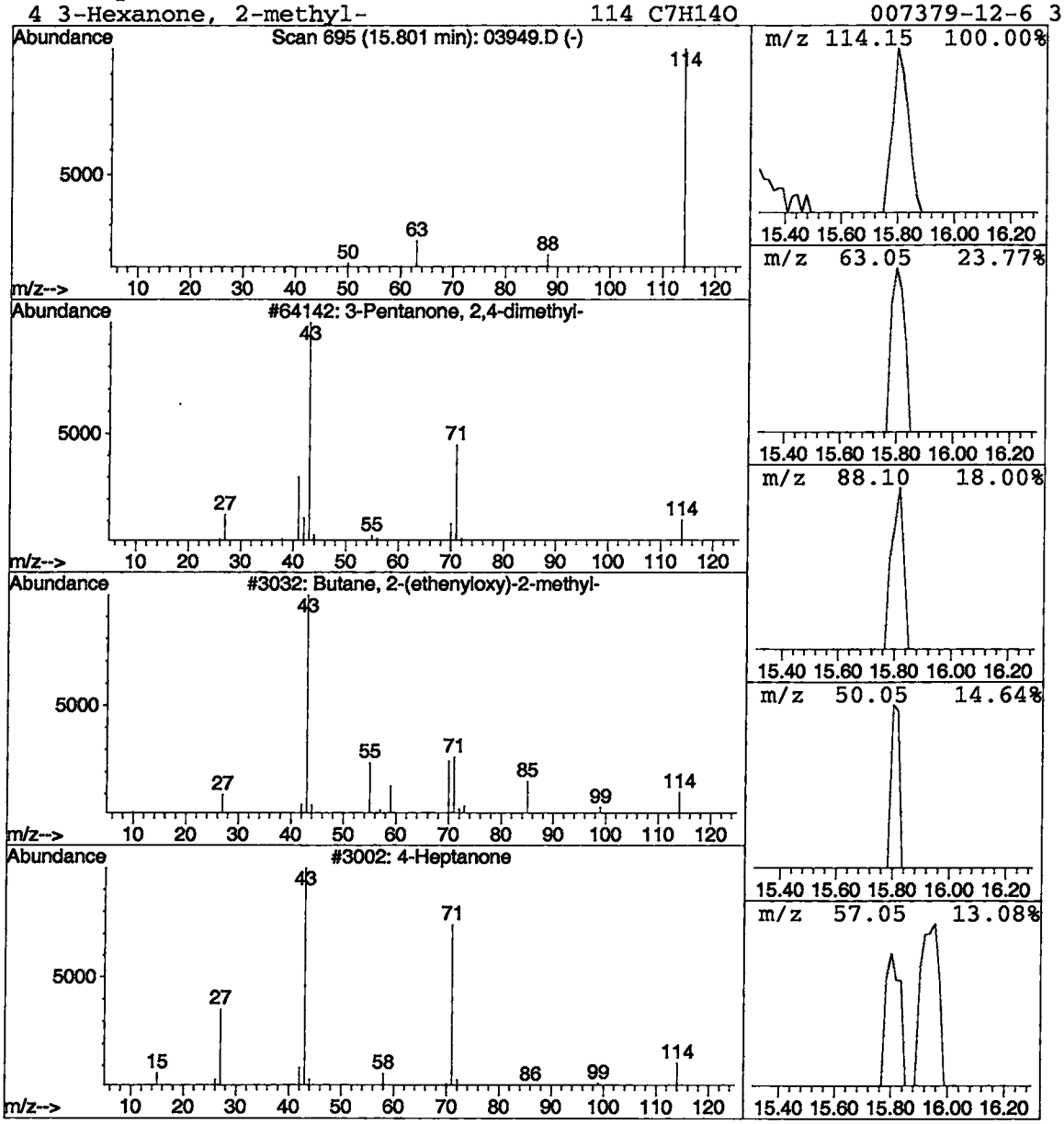
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanone, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	40307	1,4-DIFLUOROBENZENE	15.15

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03949.D Vial: 14
Acq On : 20 Feb 2002 7:05 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

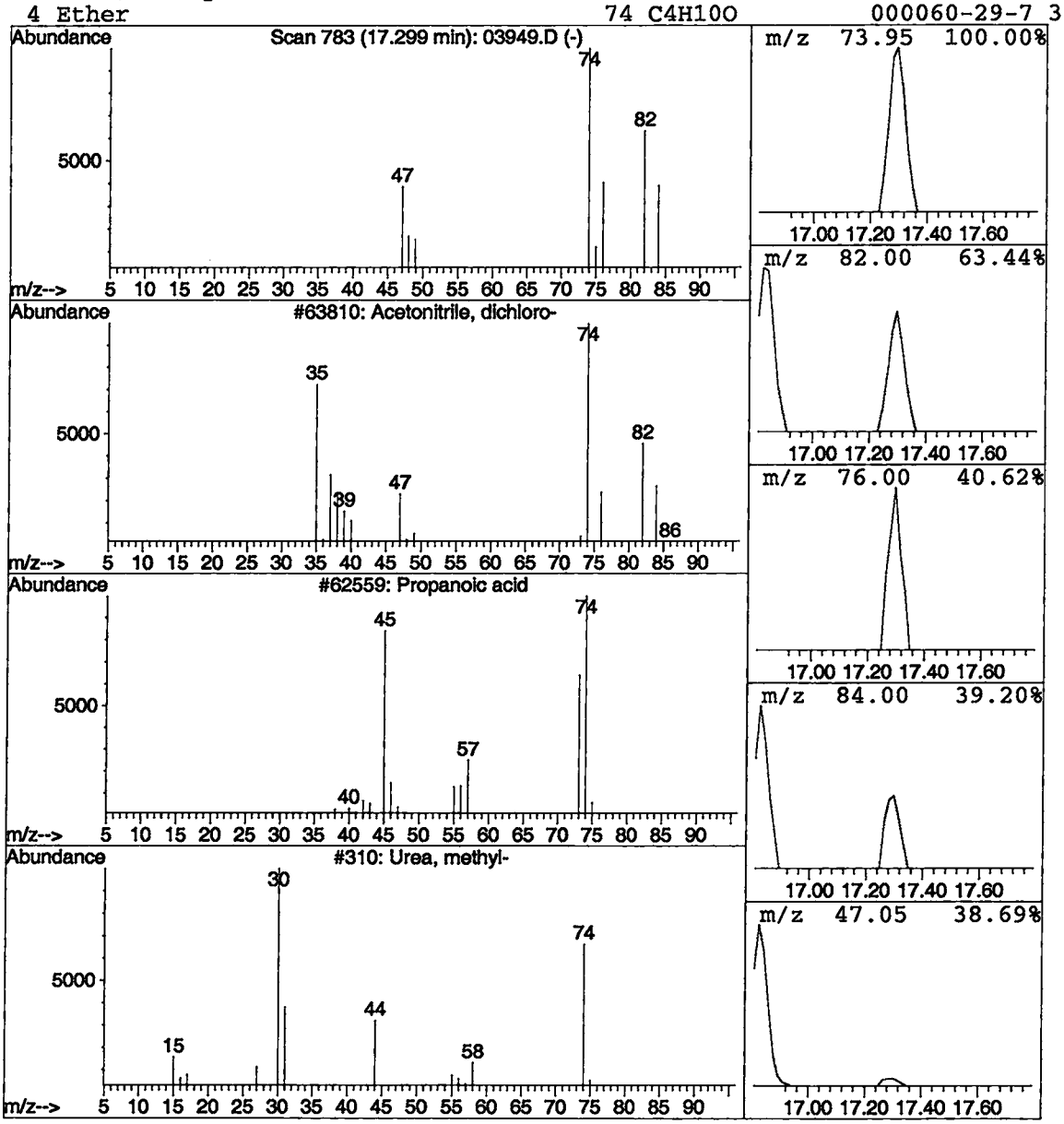
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	0.07 ug/L	81518	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	33
2	Propanoic acid	74	C3H6O2	000079-09-4	3
3	Urea, methyl-	74	C2H6N2O	000598-50-5	3
4	Ether	74	C4H10O	000060-29-7	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:22:07

Sample: AE03950
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:07 Ended: 2/20/02 00:07 Analyst: BH
Result source: a:\03950.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		20		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		6.7		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: 02/22/2002 Time: 12:22:07

Sample: AE03950
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:07 Ended: 2/20/02 00:07 Analyst: BH
Result source: a:\03950.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

Comments for Sample AE03950 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:31:05

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.07ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03950.D Vial: 15
Acq On : 20 Feb 2002 7:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 20:26 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	2405430	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	2237261	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.98	152	969435	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	829549	4.53	ug/L	0.04
Spiked Amount 5.000			Recovery =	90.60%		
3) 4-BROMOFLUOROBENZENE	24.40	174	737315	4.08	ug/L	0.04
Spiked Amount 5.000			Recovery =	81.60%		
25) TOLUENE-D8	18.51	98	2920029	5.26	ug/L	0.03
Spiked Amount 5.000			Recovery =	105.20%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	59125	3.58	ug/L	84
14) METHYLENE CHLORIDE	9.65	49	112285	~~0.81~~	~~ug/L~~	95
15) METHYL TERT BUTYL ETHER	9.98	73	11366	0.07	ug/L	87
18) 2-BUTANONE (MEK)	12.05	43	33678	~~0.88~~	~~ug/L~~	96
21) CHLOROFORM 20	12.87	83	3454483	19.67	ug/L	99
33) BROMODICHLOROMETHANE 6.7	16.82	83	781877	6.69	ug/L	98
42) DIBROMOCHLOROMETHANE 8.7	20.57	129	55649	0.85	ug/L	97

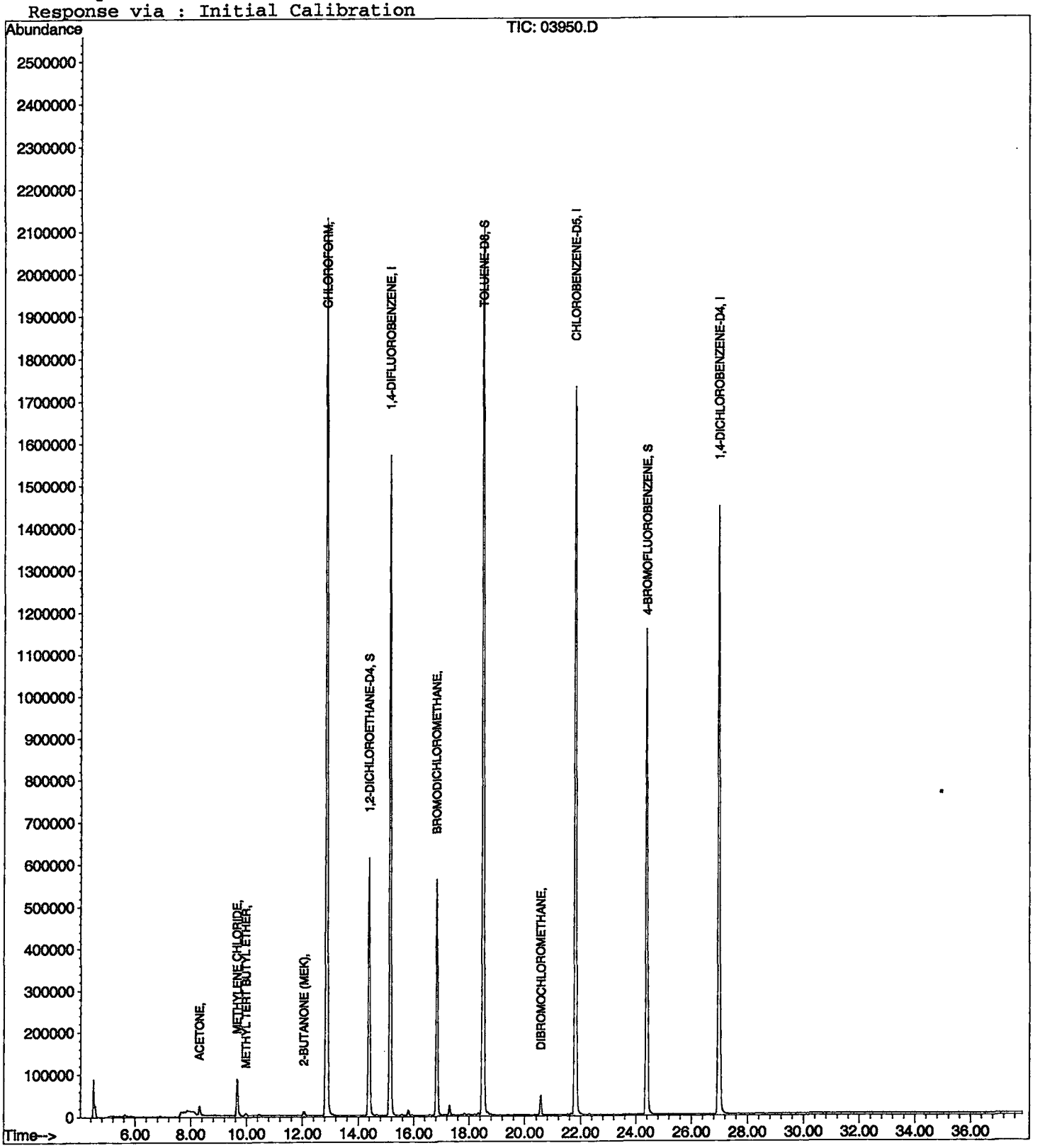
(#) = qualifier out of range (m) = manual integration
03950.D HP021702.M Wed Feb 20 20:26:34 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03950.D
Acq On : 20 Feb 2002 7:48 pm
Sample : nyc
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 20:26 2002

Vial: 15
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03950.D Vial: 15
Acq On : 20 Feb 2002 7:48 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

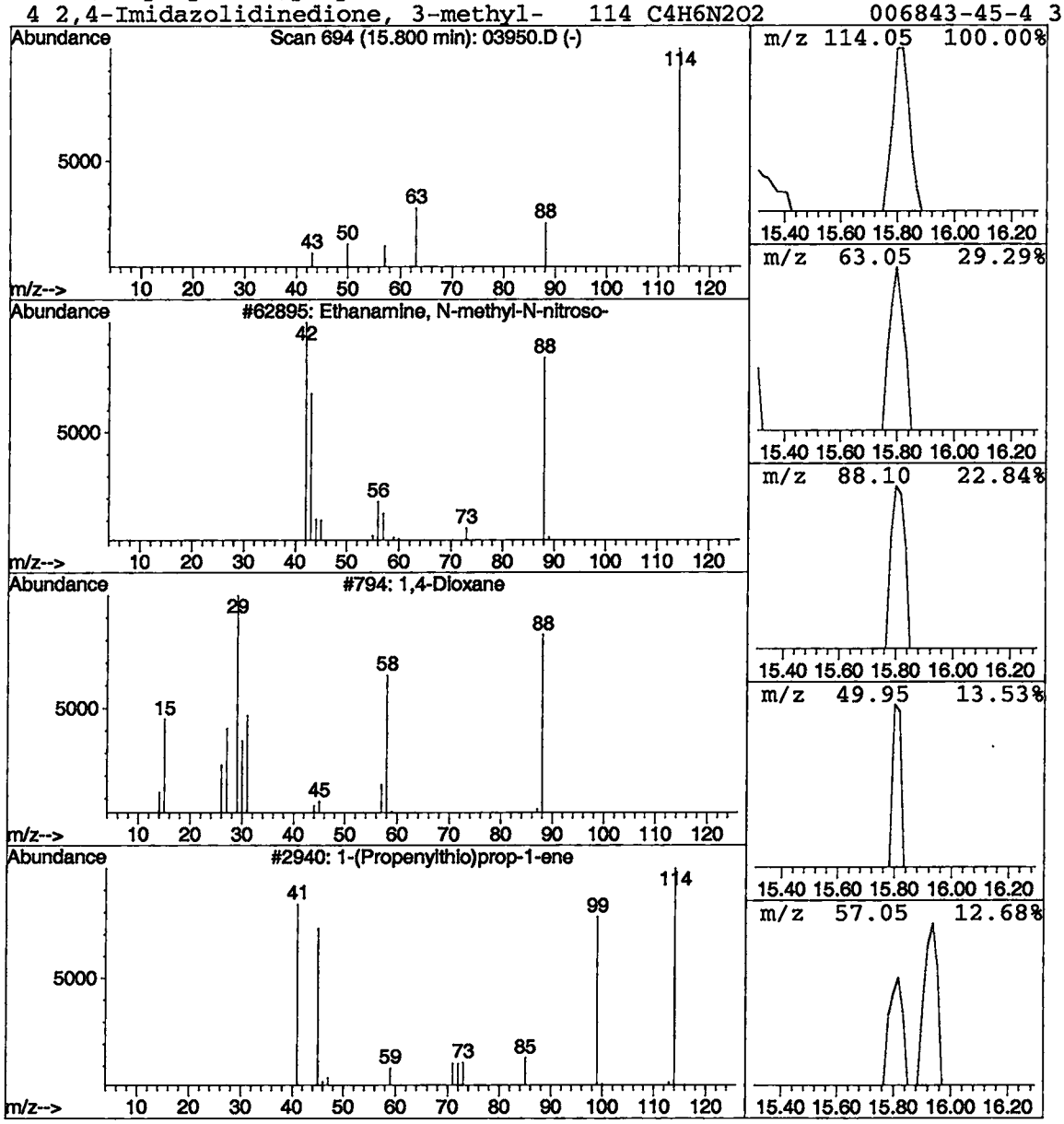
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Ethanamine, N-methyl-N-nitroso Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	48891	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
2	1,4-Dioxane	88	C4H8O2	000123-91-1	3
3	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03950.D
Acq On : 20 Feb 2002 7:48 pm
Sample : nyc
Misc : February 20, 2002
MS Integration Params: LSCINT.P

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

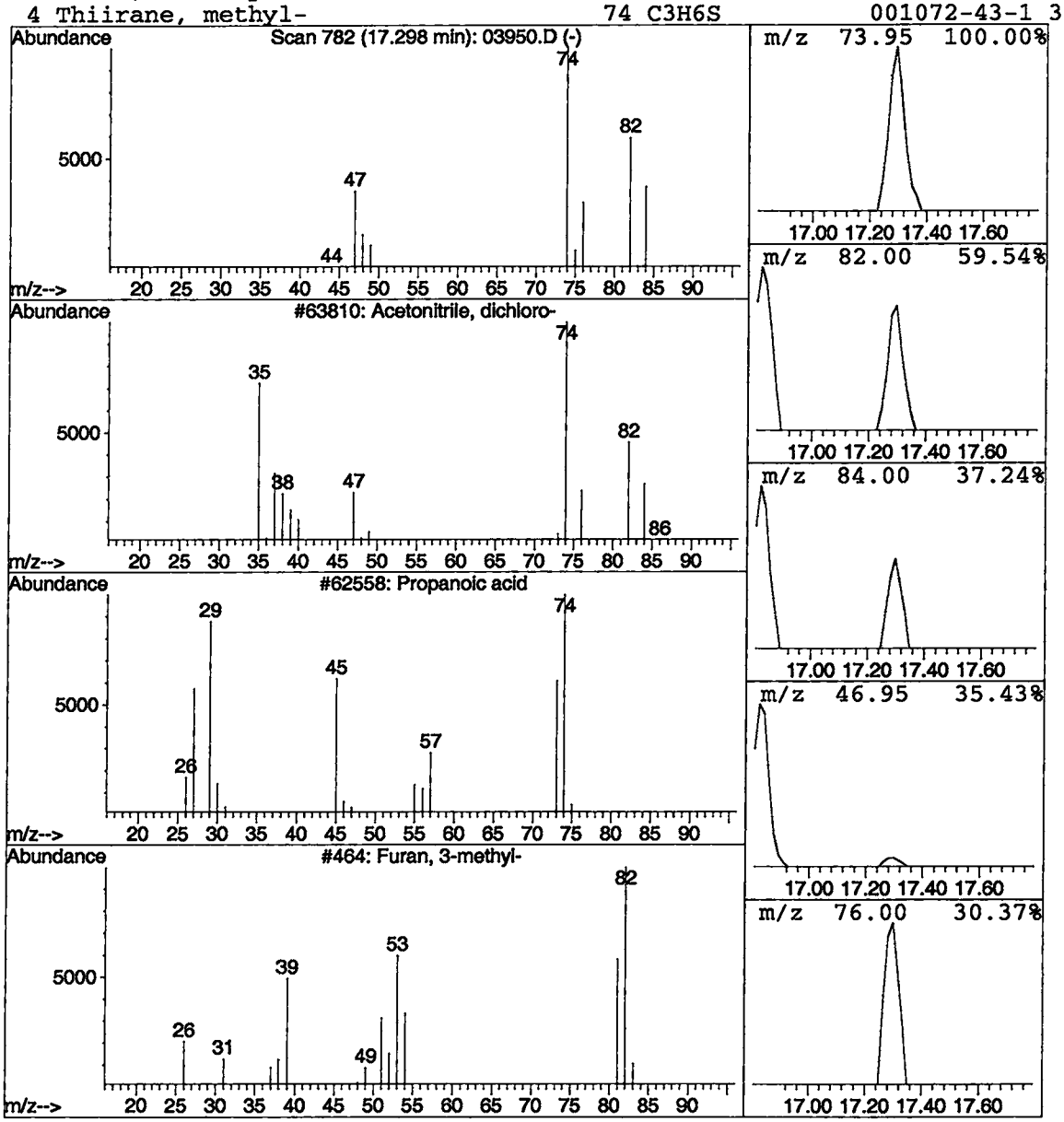
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	0.07 ug/L	86872	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
2	Propanoic acid	74	C3H6O2	000079-09-4	4
3	Furan, 3-methyl-	82	C5H6O	000930-27-8	4
4	Thiirane, methyl-	74	C3H6S	001072-43-1	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:22:59

Sample: AE03951
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:08 Ended: 2/20/02 00:08 Analyst: BH
Result source: a:\03951.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		24		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		4.6		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: 02/22/2002 Time: 12:22:59

Sample: AE03951
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:08 Ended: 2/20/02 00:08 Analyst: BH
Result source: a:\03951.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

Comments for Sample AE03951 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:31:24

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.05ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03951.D Vial: 16
Acq On : 20 Feb 2002 8:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 21:09 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	2147643	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	2058864	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	841136	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.39	65	733204	4.48	ug/L	0.04
Spiked Amount 5.000			Recovery =	89.60%		
3) 4-BROMOFLUOROBENZENE	24.40	174	668089	4.14	ug/L	0.04
Spiked Amount 5.000			Recovery =	82.80%		
25) TOLUENE-D8	18.51	98	2656778	5.20	ug/L	0.04
Spiked Amount 5.000			Recovery =	104.00%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	119569	8.10	ug/L	97
14) METHYLENE CHLORIDE	9.67	49	102505	~~0.83~~	~~ug/L~~	97
18) 2-BUTANONE (MEK)	12.05	43	28055	~~0.82~~	~~ug/L~~	87
21) CHLOROFORM 24	12.87	83	3762809	24.00	ug/L	99
33) BROMODICHLOROMETHANE 4.6	16.82	83	495070	4.60	ug/L	100
37) TOLUENE	18.68	91	18590	~~0.06~~	~~ug/L~~	98
42) DIBROMOCHLOROMETHANE .43	20.57	129	26284	0.43	ug/L	96

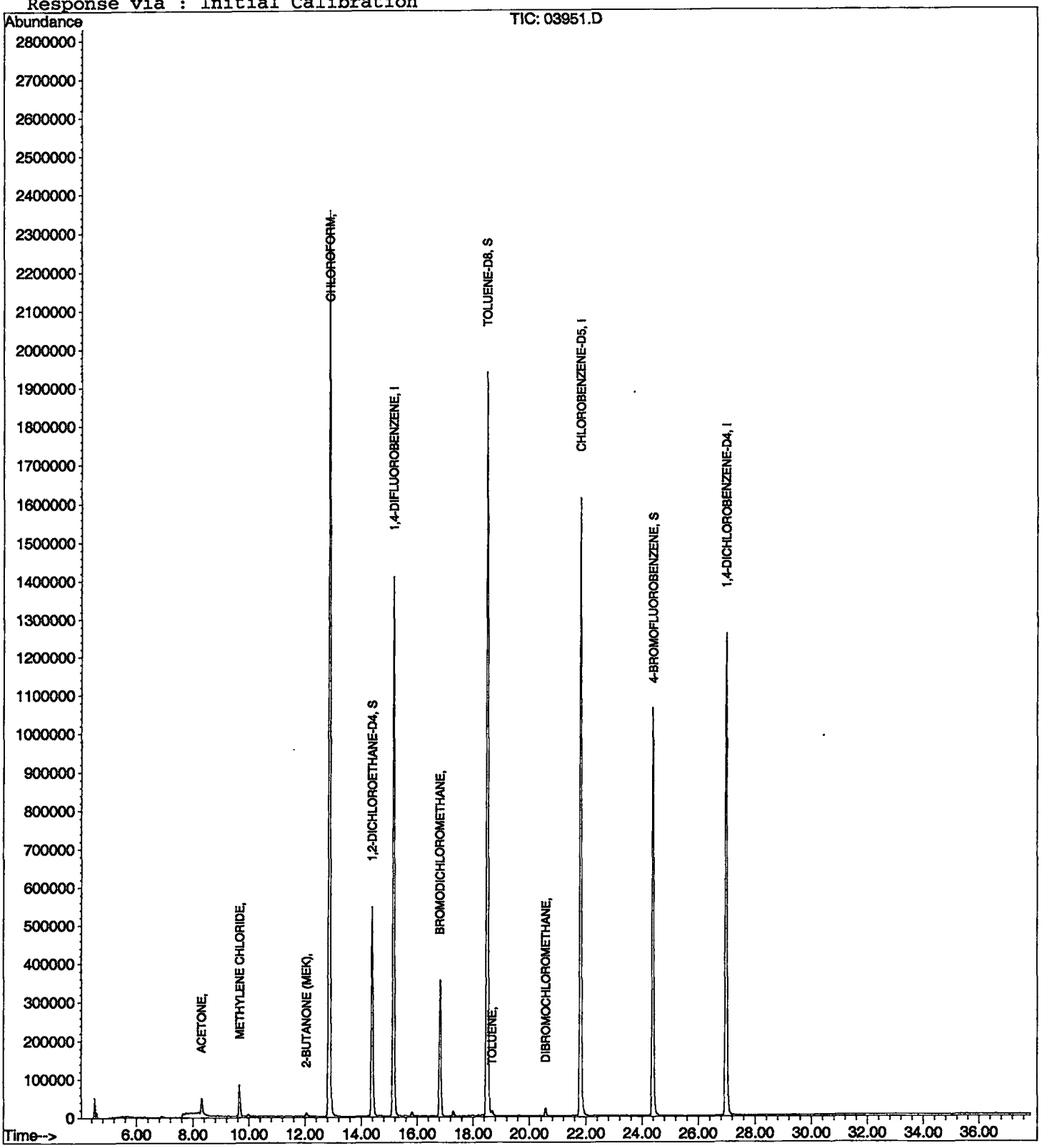
(#) = qualifier out of range (m) = manual integration
03951.D HP021702.M Wed Feb 20 21:09:55 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03951.D
Acq On : 20 Feb 2002 8:31 pm
Sample : nyc
Misc : February 20, 2002
MS Integration Params: RTEINT.P
Quant Time: Feb 20 21:09 2002

Vial: 16
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03951.D Vial: 16
Acq On : 20 Feb 2002 8:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

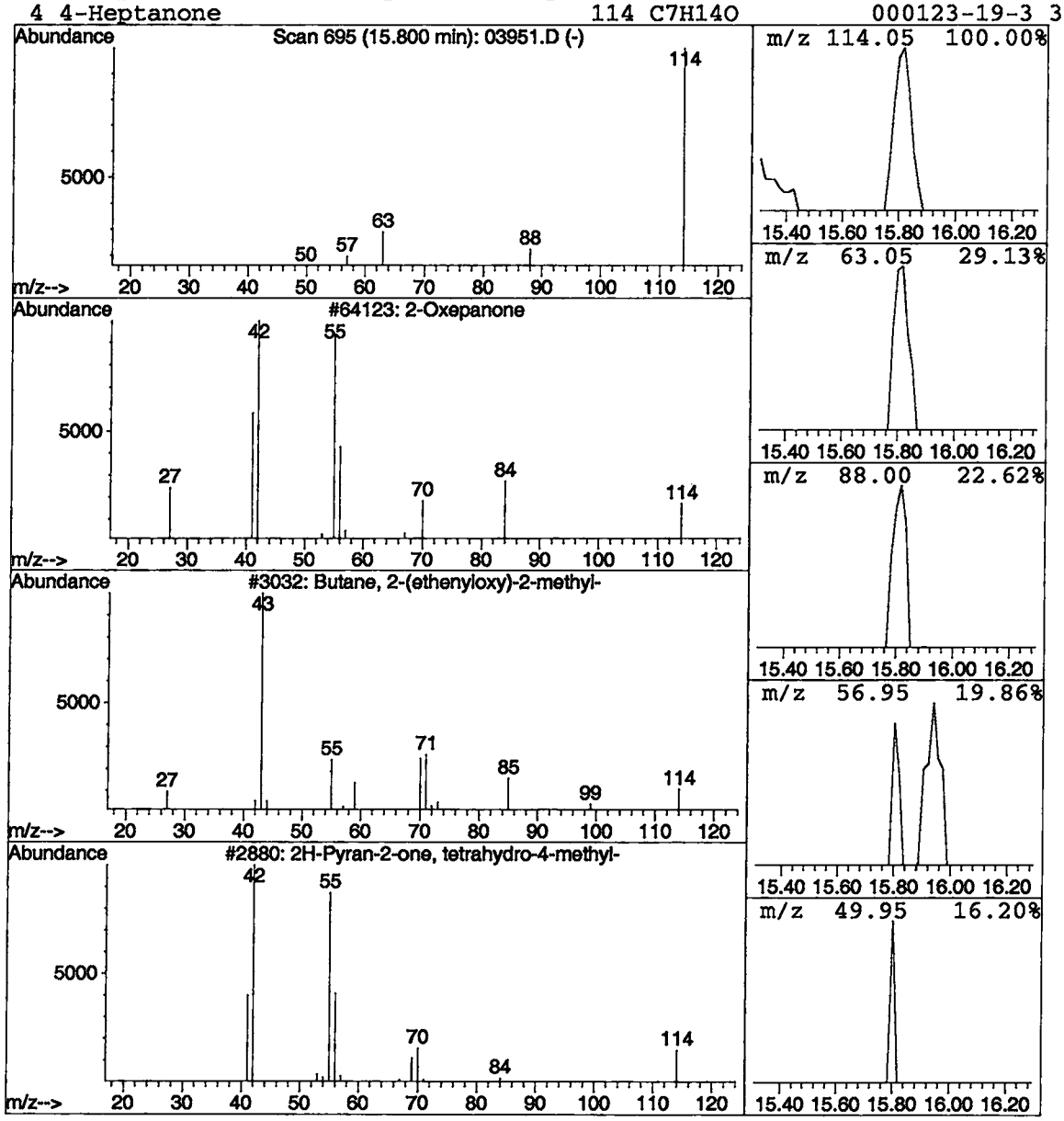
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Oxepanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	0.04 ug/L	42272	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
4	4-Heptanone	114	C7H14O	000123-19-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03951.D Vial: 16
Acq On : 20 Feb 2002 8:31 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

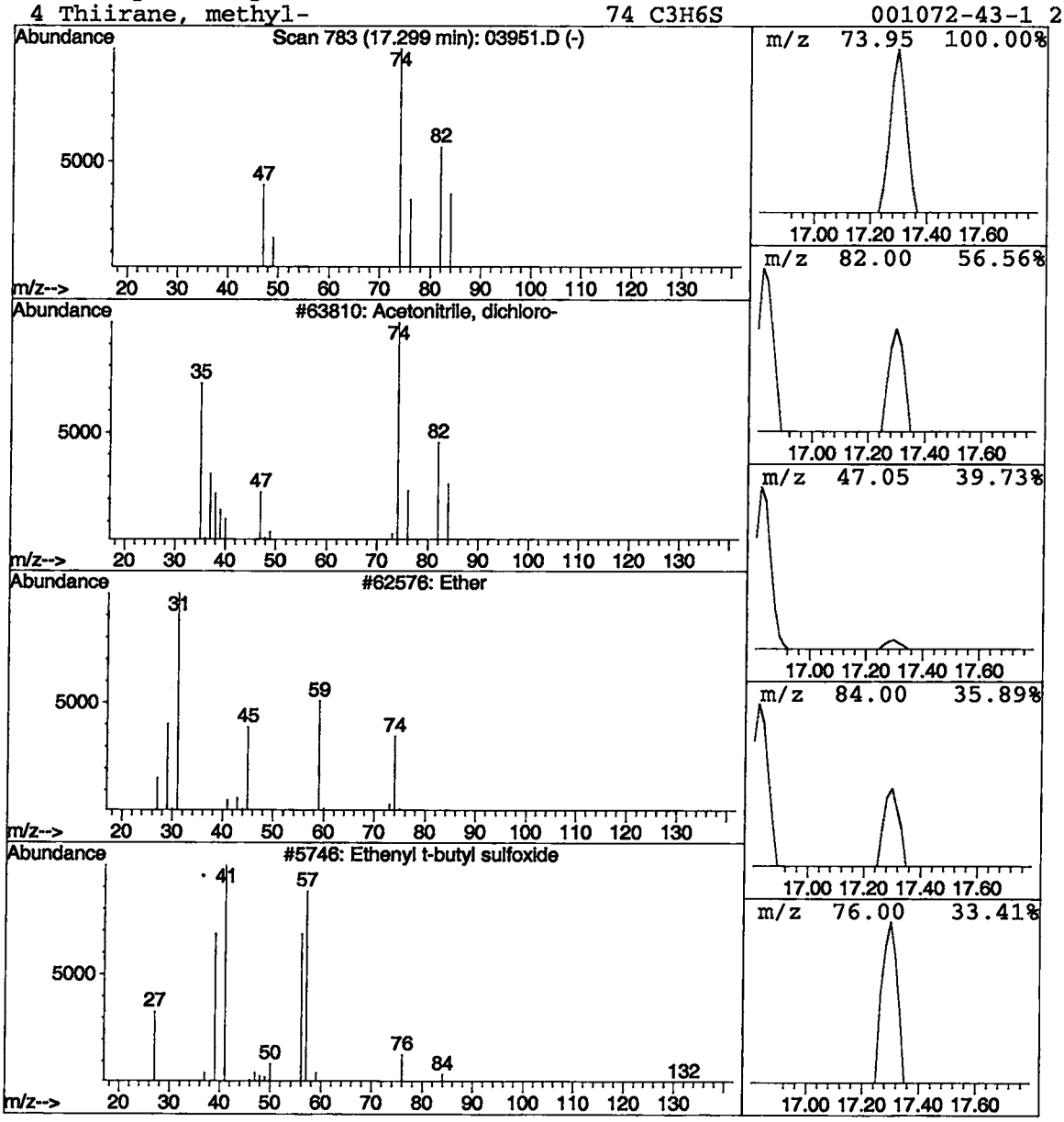
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Acetonitrile, dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	0.05 ug/L	50378	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	40
2	Ether	74	C4H10O	000060-29-7	3
3	Ethenyl t-butyl sulfoxide	132	C6H12OS	000000-00-0	2
4	Thiirane, methyl-	74	C3H6S	001072-43-1	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 02/22/2002 Time: 12:24:00

Sample: AE03952
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:09 Ended: 2/20/02 00:09 Analyst: BH
Result source: a:\03952.rr
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.8		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		12		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.6		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		2.9		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: 02/22/2002 Time: 12:24:00

Sample: AE03952
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 2/20/02 00:09 Ended: 2/20/02 00:09 Analyst: BH
Result source: a:\03952.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

Comments for Sample AE03952 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-05-2002 Time: 09:31:40

The recovery of dichlorodifluoromethane in the QC sample was 62%. Dichloroacetonitrile was found as a 524.2 TIC in this sample. The estimated concentration is 0.02ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\03952.D Vial: 17
Acq On : 20 Feb 2002 9:14 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 21:52 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

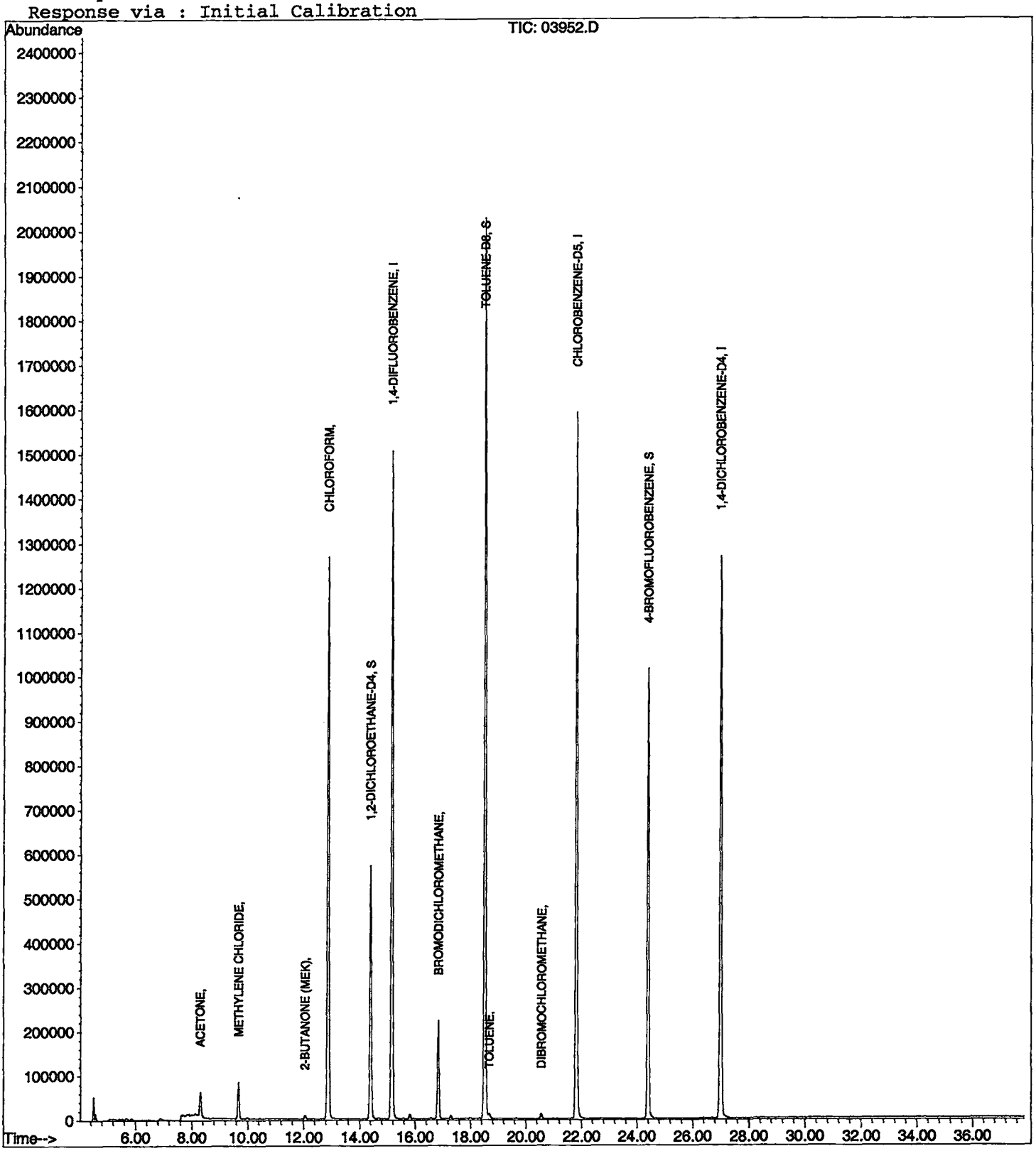
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.15	114	2278765	5.00 ug/L	0.04
24) CHLOROBENZENE-D5	21.81	117	1983815	5.00 ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	26.99	152	870148	5.00 ug/L	0.04
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4	14.39	65	776342	4.47 ug/L	0.04
Spiked Amount 5.000			Recovery	= 89.40%	
3) 4-BROMOFLUOROBENZENE	24.40	174	644942	3.77 ug/L	0.04
Spiked Amount 5.000			Recovery	= 75.40%	
25) TOLUENE-D8	18.51	98	2766385	5.62 ug/L	0.04
Spiked Amount 5.000			Recovery	= 112.40%	
Target Compounds					Qvalue
12) ACETONE	8.31	43	154999	9.89 ug/L	98
14) METHYLENE CHLORIDE	9.67	49	106579	~~0.81 ug/L~~	96
18) 2-BUTANONE (MEK)	12.05	43	29050	~~0.80 ug/L~~	98
21) CHLOROFORM 12	12.87	83	1977408	11.89 ug/L	99
33) BROMODICHLOROMETHANE 2.9	16.84	83	303573	2.93 ug/L	97
37) TOLUENE	18.68	91	16008	~~0.05 ug/L~~	93
42) DIBROMOCHLOROMETHANE 2.7	20.57	129	15728	0.27 ug/L	95

(#) = qualifier out of range (m) = manual integration
03952.D HP021702.M Wed Feb 20 21:52:54 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\03952.D Vial: 17
Acq On : 20 Feb 2002 9:14 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 20 21:52 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03952.D Vial: 17
Acq On : 20 Feb 2002 9:14 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

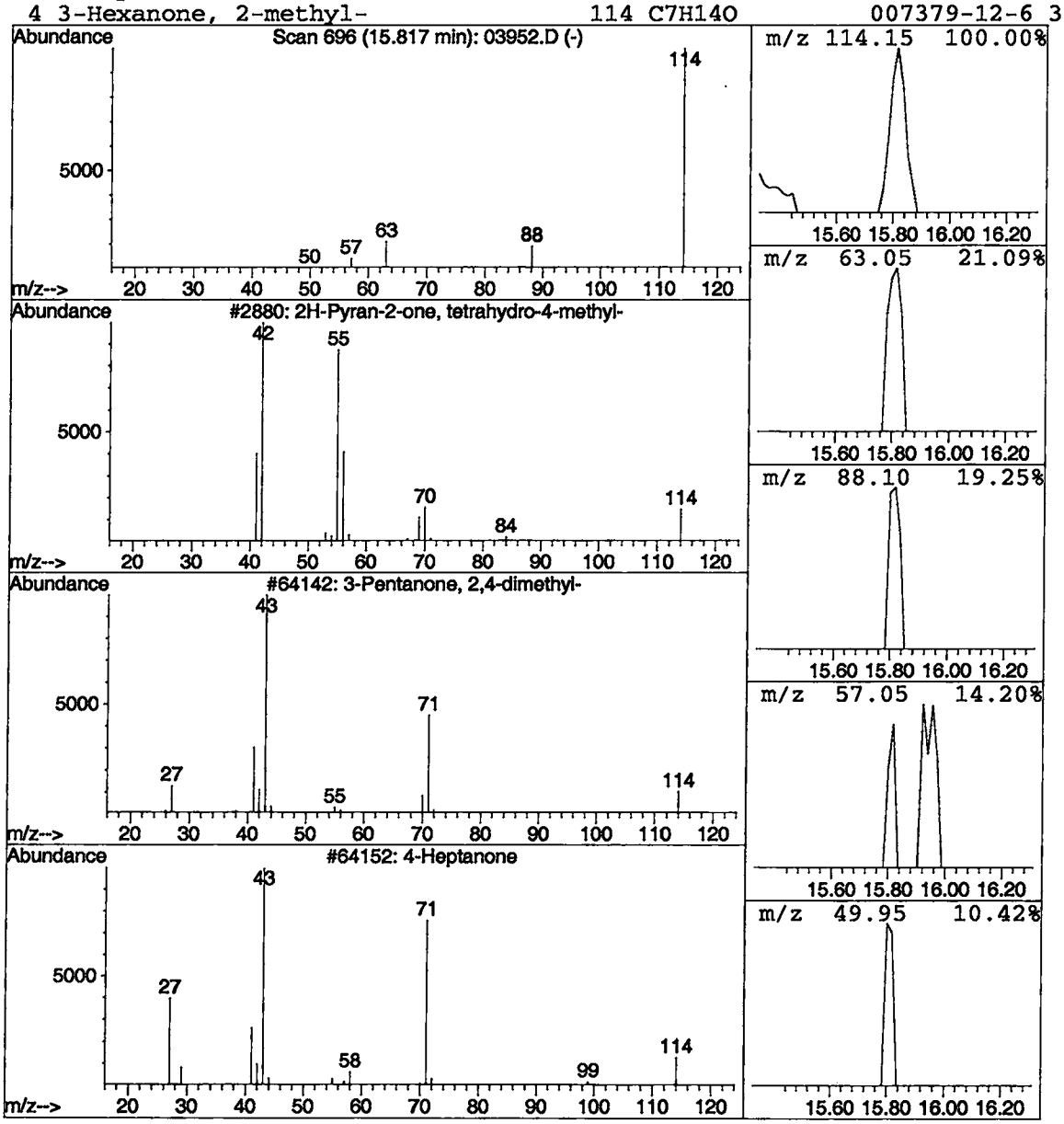
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2H-Pyran-2-one, tetrahydro-4-m Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.04 ug/L	40169	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	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
3	4-Heptanone	114	C7H14O	000123-19-3	3
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03952.D Vial: 17
Acq On : 20 Feb 2002 9:14 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

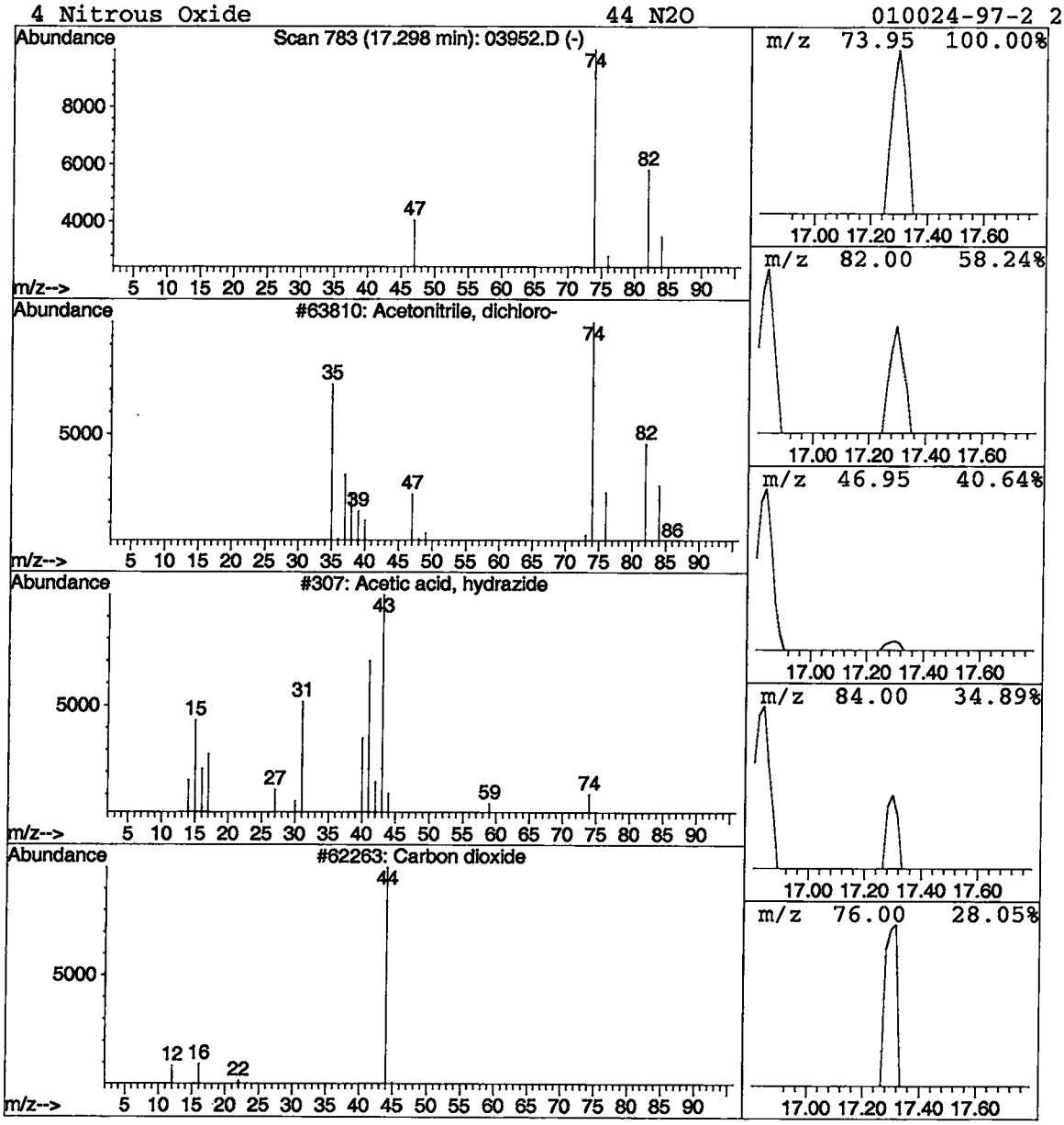
Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	0.02 ug/L	23820	1,4-DIFLUOROBENZENE	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	28
2	Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	3
3	Carbon dioxide	44	CO2	000124-38-9	2
4	Nitrous Oxide	44	N2O	010024-97-2	2



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\0220C10B.D Vial: 21
Acq On : 21 Feb 2002 12:06 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 21 0:44 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

hint ∴ amounts of analytes are low. However areas of analy are comparable to IstCl

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	2861781	5.00	ug/L	0.06
24) CHLOROBENZENE-D5	21.83	117	2771000	5.00	ug/L	0.07
52) 1,4-DICHLOROBENZENE-D4	27.00	152	1295116	5.00	ug/L	0.06
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.41	65	976412	4.48	ug/L	0.06
Spiked Amount 5.000			Recovery = 89.60%			
3) 4-BROMOFLUOROBENZENE	24.40	174	980321	4.56	ug/L	0.04
Spiked Amount 5.000			Recovery = 91.20%			
25) TOLUENE-D8	18.53	98	3508573	5.11	ug/L	0.05
Spiked Amount 5.000			Recovery = 102.20%			
Target Compounds						Qvalue
4) DICHLORODIFLUOROMETHANE	4.90	85	634201	6.29	ug/L	96
5) CHLOROMETHANE	5.54	50	624276	8.04	ug/L	100
6) VINYL CHLORIDE	5.64	62	401998	10.33	ug/L	97
7) BROMOMETHANE	6.63	94	416486	8.93	ug/L	100
8) CHLOROETHANE	6.78	64	411366	8.74	ug/L	99
9) TRICHLOROFLUOROMETHANE	7.33	101	777503	8.60	ug/L	98
12) ACETONE	8.31	43	128447	6.53	ug/L	96
13) 1,1-DICHLOROETHENE	8.67	61	1255379	9.13	ug/L	96
14) METHYLENE CHLORIDE	9.67	49	1395373	8.44	ug/L	98
15) METHYL TERT BUTYL ETHER	9.98	73	1194557	6.54	ug/L	95
16) TRANS-1,2-DICHLOROETHENE	10.34	61	1378800	7.84	ug/L	99
17) 1,1-DICHLOROETHANE	11.22	63	1642592	7.90	ug/L	97
18) 2-BUTANONE (MEK)	12.06	43	240995	5.29	ug/L	98
19) 2,2-DICHLOROPROPANE	12.45	77	1012417	6.07	ug/L	96
20) CIS-1,2-DICHLOROETHENE	12.53	96	978951	8.24	ug/L	99
21) CHLOROFORM	12.87	83	1611437	7.71	ug/L	97
22) BROMOCHLOROMETHANE	13.26	49	789872	7.95	ug/L	97
23) 1,2-DICHLOROETHANE	14.59	62	986870	7.02	ug/L	99
26) 1,1,1-TRICHLOROETHANE	13.78	97	1168929	7.56	ug/L	98
27) 1,1-DICHLOROPROPENE	14.10	75	1264769	8.20	ug/L	98
28) CARBON TETRACHLORIDE	14.35	117	963740	7.67	ug/L	99
29) BENZENE	14.69	78	3401504	8.50	ug/L	99
30) TRICHLOROETHENE	15.97	95	986079	8.24	ug/L	96
31) 1,2-DICHLOROPROPANE	16.33	63	945625	8.36	ug/L	94
32) DIBROMOMETHANE	16.99	174	408957	7.61	ug/L	92
33) BROMODICHLOROMETHANE	16.84	83	1111205	7.68	ug/L	98
34) 2-CHLOROETHYL VINYL ETHER	17.32	63	297993	7.12	ug/L	92
35) METHYL ISO-BUTYL KETONE	17.40	58	155210	7.49	ug/L	92
36) CIS-1,3-DICHLOROPROPENE	17.93	75	1217087	7.62	ug/L	99
37) TOLUENE	18.70	91	3595540	8.59	ug/L	99
38) TRANS-1,3-DICHLOROPROPENE	18.97	75	864748	7.39	ug/L	99
39) 1,1,2-TRICHLOROETHANE	19.36	97	555166	8.19	ug/L	99
40) TETRACHLOROETHENE	20.14	166	936727	8.22	ug/L	96
41) 1,3-DICHLOROPROPANE	19.89	76	1055745	7.95	ug/L	100
42) DIBROMOCHLOROMETHANE	20.59	129	619904	7.60	ug/L	100
43) 1,2-DIBROMOETHANE	21.03	107	553167	7.53	ug/L	98
44) CHLOROBENZENE	21.91	112	2325443	8.71	ug/L	96
45) 1,1,1,2-TETRACHLOROETHANE	21.95	131	727310	8.13	ug/L	97
46) 2-HEXANONE	19.24	43	277368	6.67	ug/L	96
47) ETHYLBENZENE	21.95	91	4152838	8.61	ug/L	98
48) P & M-XYLENE	22.10	106	2846927	17.30	ug/L	94

(#) = qualifier out of range (m) = manual integration
0220C10B.D HP021702.M Thu Feb 21 00:44:56 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02feb20\0220C10B.D Vial: 21
Acq On : 21 Feb 2002 12:06 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 21 0:44 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

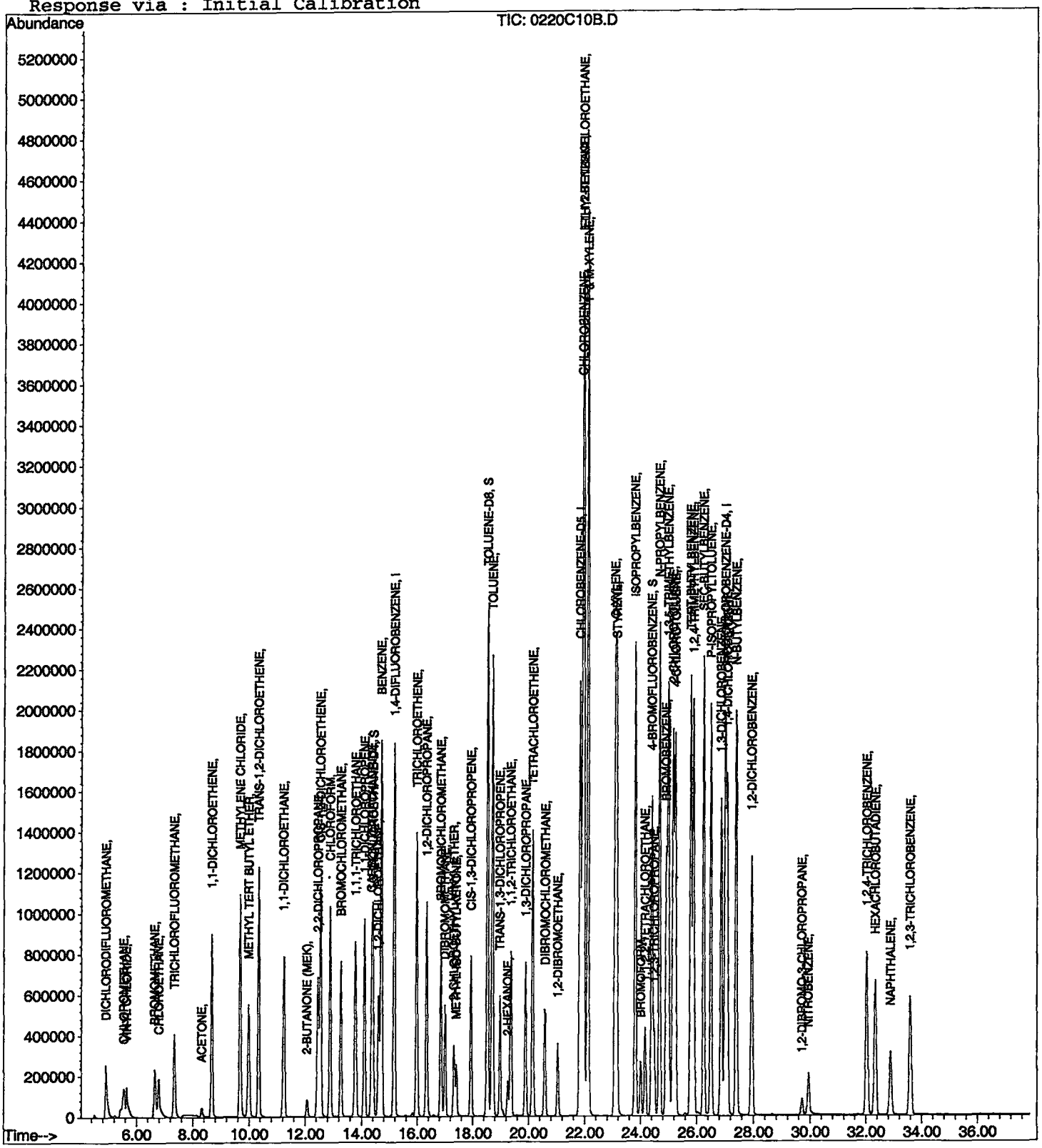
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49)	O-XYLENE	23.07	91	3156576	8.23	ug/L	97
50)	STYRENE	23.14	104	2335033	8.42	ug/L	94
51)	1,1,2,2-TETRACHLOROETHANE	24.16	83	601881	8.03	ug/L	98
53)	BROMOFORM	24.01	173	283551	7.03	ug/L	100
54)	ISOPROPYLBENZENE	23.80	105	3622939	8.63	ug/L	97
55)	1,2,3-TRICHLOROPROPANE	24.48	110	161965	7.85	ug/L	96
56)	N-PROPYLBENZENE	24.67	91	4719212	8.54	ug/L	98
57)	BROMOBENZENE	24.91	156	871506	8.28	ug/L	97
58)	1,3,5-TRIMETHYLBENZENE	24.98	105	2969850	8.28	ug/L	98
59)	2-CHLOROTOLUENE	25.15	91	2743764	7.68	ug/L	98
60)	4-CHLOROTOLUENE	25.23	91	2832300	8.88	ug/L	94
61)	TERT-BUTYLBENZENE	25.78	119	2749017	8.51	ug/L	93
62)	1,2,4-TRIMETHYLBENZENE	25.88	105	3072166	8.17	ug/L	94
63)	SEC-BUTYLBENZENE	26.24	105	3930787	8.54	ug/L	98
64)	P-ISOPROPYLTOLUENE	26.49	119	2911871	8.33	ug/L	97
65)	1,3-DICHLOROBENZENE	26.85	146	1641560	8.29	ug/L	97
66)	1,4-DICHLOROBENZENE	27.07	146	1653399	8.17	ug/L	98
67)	N-BUTYLBENZENE	27.38	91	3098499	8.23	ug/L	99
68)	1,2-DICHLOROBENZENE	27.92	146	1402096	8.20	ug/L	97
69)	1,2-DIBROMO-3-CHLOROPROPAN	29.71	157	74432	7.94	ug/L	94
70)	1,2,4-TRICHLOROBENZENE	32.03	180	792470	7.23	ug/L	98
71)	HEXACHLOROBUTADIENE	32.33	225	377364	7.08	ug/L	98
72)	NAPHTHALENE	32.88	128	837466	6.70	ug/L	98
73)	1,2,3-TRICHLOROBENZENE	33.58	180	626023	7.14	ug/L	99
74)	NITROBENZENE	29.93	77	317643	158.15	ug/L	99

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02feb20\0220C10B.D Vial: 21
Acq On : 21 Feb 2002 12:06 am Operator: 201-wb
Sample : cal 10 Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 21 0:44 2002 Quant Results File: HP021702.RES

Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Feb 15 09:42:18 2002
Response via : Initial Calibration



Comments for Sample AE03953 - Analysis VOCCOMNT

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 03-06-2002 Time: 14:56:46

No extraneous peaks are present in this sample. However, it was not run within 12 hours of the CCV, therefore, the results were not reported. One vial was submitted - it could not be rerun.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02FEB20\03953.D Vial: 20
Acq On : 20 Feb 2002 11:23 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 21 0:01 2002 Quant Results File: HP021702.RES

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Tue Feb 19 16:16:43 2002
Response via : Initial Calibration
DataAcq Meth : HP021702

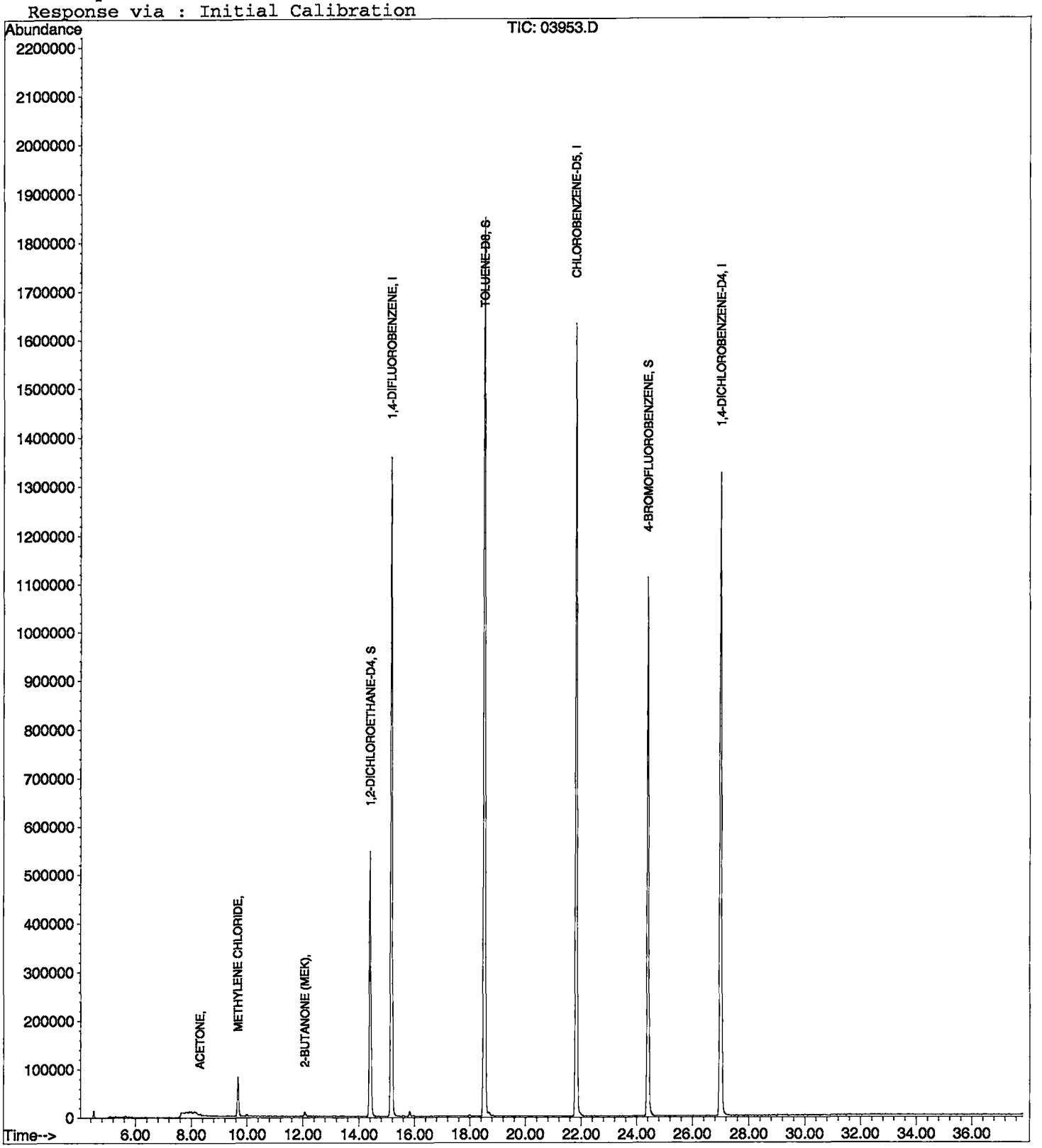
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.17	114	2143716	5.00	ug/L	0.06
24) CHLOROBENZENE-D5	21.81	117	2081938	5.00	ug/L	0.05
52) 1,4-DICHLOROBENZENE-D4	27.00	152	907083	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.40	65	745014	4.56	ug/L	0.06
Spiked Amount 5.000			Recovery =	91.20%		
3) 4-BROMOFLUOROBENZENE	24.40	174	683359	4.24	ug/L	0.04
Spiked Amount 5.000			Recovery =	84.80%		
25) TOLUENE-D8	18.52	98	2641912	5.12	ug/L	0.05
Spiked Amount 5.000			Recovery =	102.40%		
Target Compounds						Qvalue
12) ACETONE	8.31	43	8287	0.56	ug/L	55
14) METHYLENE CHLORIDE	9.67	49	101267	0.82	ug/L	95
18) 2-BUTANONE (MEK)	12.07	43	26221	0.77	ug/L	91

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03953.D Vial: 20
Acq On : 20 Feb 2002 11:23 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Feb 21 0:01 2002 Quant Results File: HP021702.RES

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02FEB20\03953.D Vial: 20
Acq On : 20 Feb 2002 11:23 pm Operator: 201-wb
Sample : nyc fb Inst : GC/MS Ins
Misc : February 20, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\HP021702.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

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Peak Number 1 4-Heptanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	0.04 ug/L	38752	1,4-DIFLUOROBENZENE	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	3
2	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
3	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3