User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:18:42

Sample: AE08251
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/16/02 09:30 Ended: 4/16/02 09:30 Analyst: BH
Result source: a:\0416b1.rr
Page: 1

	Component Name.	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.3
2	Surr - 4-BROMOFLUOROBENZ		5.4
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		0.15
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.7
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

Reviewed by,
6/14/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:18:42

Sample: AE08251
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 4/16/02 09:30 Ended: 4/16/02 09:30 Analyst: BH
Result source: a:\0416b1.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:\MSDchem\1\5973N\02apr16\0416B1.D Vial: 1
Acq On : 16 Apr 2002 9:30 am Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 10:12:10 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

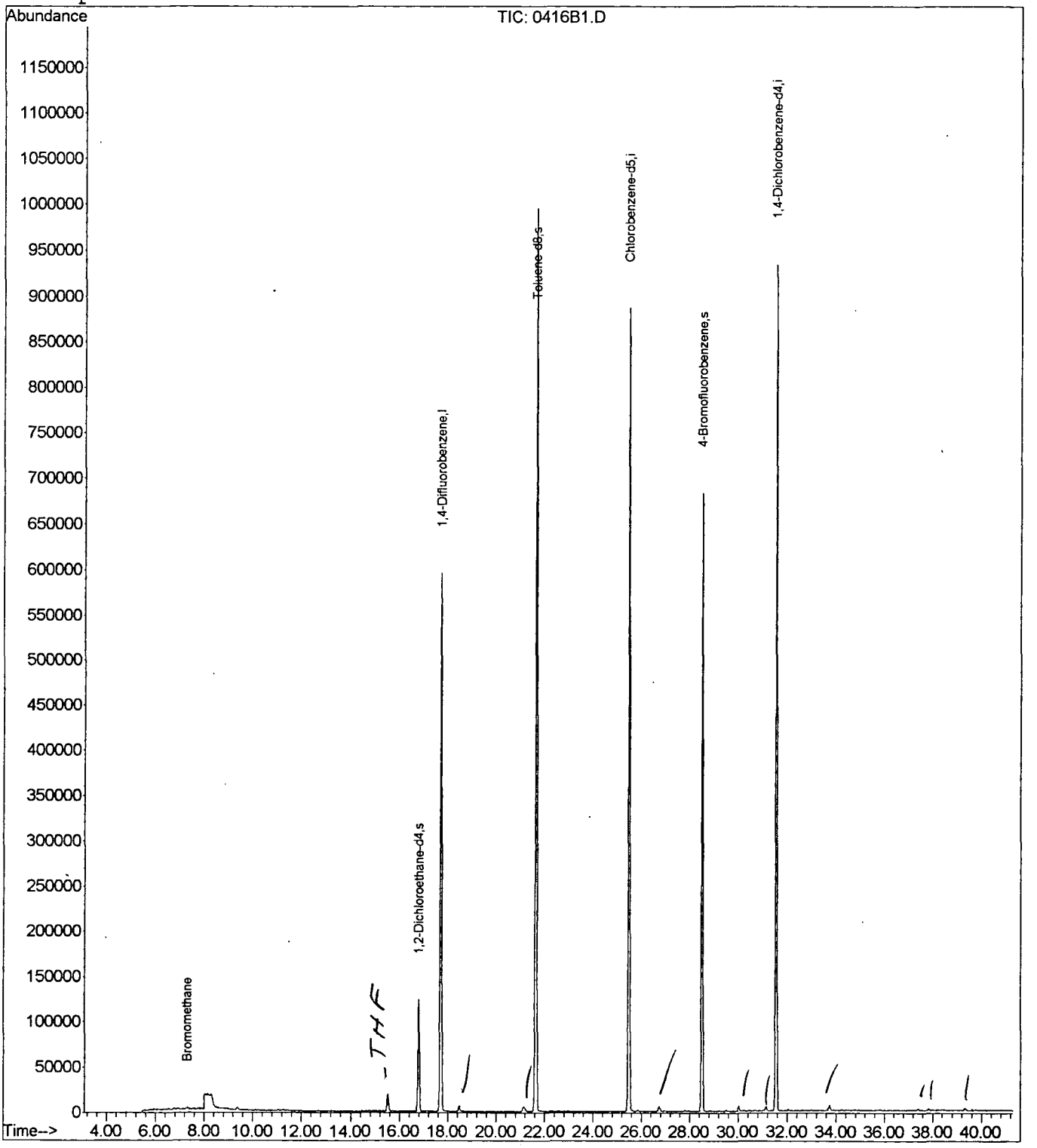
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1128745	5.00	ug/L		0.00
27) Chlorobenzene-d5	25.47	117	1189966	5.00	ug/L		0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	922713	5.00	ug/L		0.00
System Monitoring Compounds							
2) 1,2-Dichloroethane-d4	16.79	65	186462	4.33	ug/L		0.02
Spiked Amount 5.000			Recovery = 86.60%				
17) Toluene-d8	21.63	98	1625597	5.71	ug/L		0.00
Spiked Amount 5.000			Recovery = 114.20%				
54) 4-Bromofluorobenzene	28.51	95	572779	5.39	ug/L		0.00
Spiked Amount 5.000			Recovery = 107.80%				
Target Compounds							Qvalue
6) Bromomethane	7.31	94	4148	0.15	ug/L		67
11) Acetone	9.38	43	8723	Below Cal			96
18) 2-Butanone (MEK)	13.96	43	325	Below Cal		#	50
34) Methyl iso-butyl ketone	20.39	43	59	Below Cal		#	45
38) 2-Hexanone	22.56	43	69	Below Cal		#	34

(#) = qualifier out of range (m) = manual integration
0416B1.D W032602.M Tue Apr 16 10:12:11 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\0416B1.D Vial: 1
Acq On : 16 Apr 2002 9:30 am Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 10:12 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR16\0416B1.D Vial: 1
Acq On : 16 Apr 2002 9:30 am Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

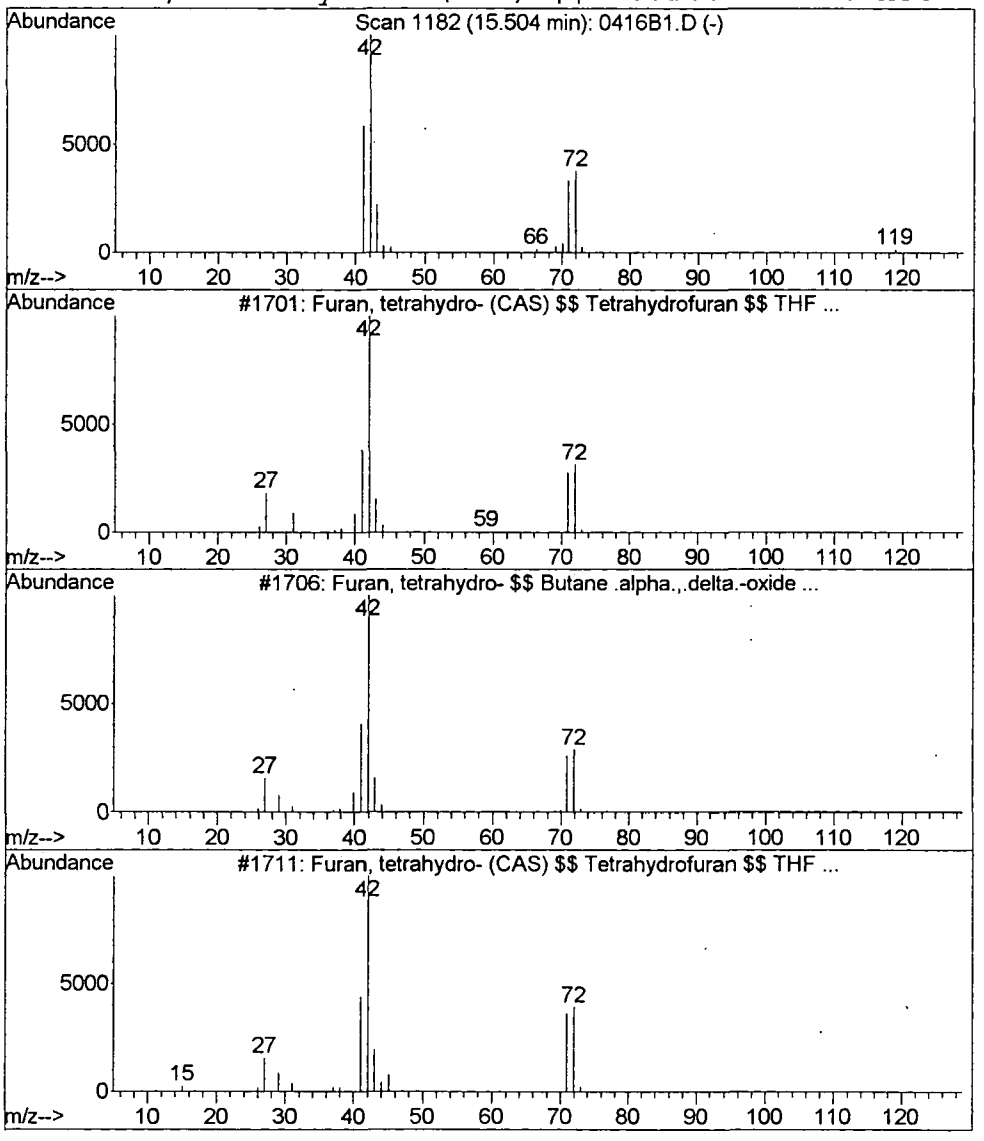
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

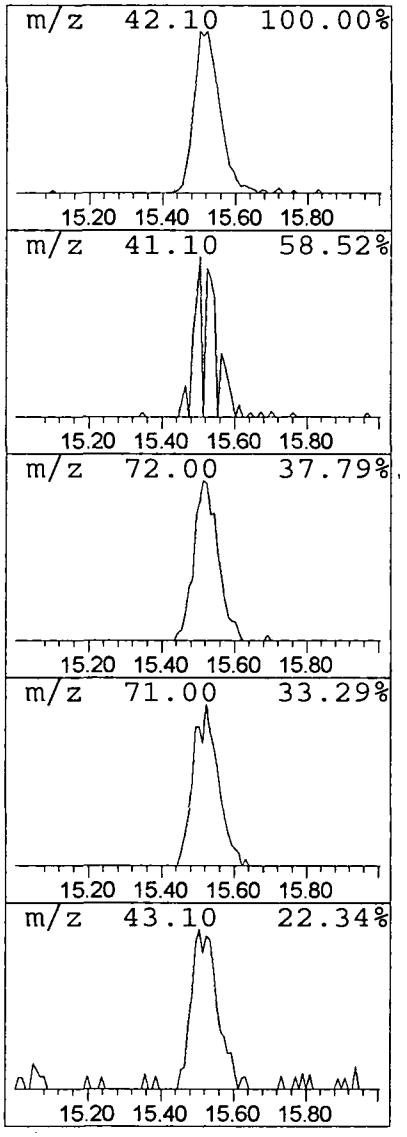
****

Peak Number 1 Furan, tetrahydro- (CAS) $$... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	0.08 ug/L	38230	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	72
2	Furan, tetrahydro- $$ Butane .al...	72	C4H8O	000109-99-9	72
3	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	72
4	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	72





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:19:29

Sample: AE08251
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/16/02 10:17 Ended: 4/16/02 10:17 Analyst: BH
Result source: a:\046c10.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.8		.5
2	Surr_4-BROMOFLUOROBENZE		4.7		.5
3	Dichlorodifluoromethane		9.2		.5
4	Chloromethane		9.2		.5
5	Vinyl chloride		11		.5
6	Bromomethane		7.9		.5
7	Chloroethane		10		.5
8	Trichlorofluoromethane		10		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether		11		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		44		2.0
15	2,2-dichloropropane		7.4		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		11		.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		11		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		42		1.0
30	cis-1,3-dichloropropene		9.9		.5
31	Toluene		11		.5
32	trans-1,3-dichloropropene		9.6		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		22		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		9.9		2.0
45	Isopropylbenzene		11		.5
46	1,2,3-trichloropropane		11		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		10		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:19:29

Sample: AE08251
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 4/16/02 10:17 Ended: 4/16/02 10:17 Analyst: BH
Result source: a:\046c10.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		10		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		10		.5
53	1,2,4-trimethylbenzene		10		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		10		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		9.9		.5
58	N-butylbenzene		10		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		8.7		.5
61	Hexachlobutadiene		8.7		.5
62	Naphthalene		8.2		.5
63	1,2,3-trichlorobenzene		8.3		.5
64	Nitrobenzene	USPEC	270		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\046C10.D Vial: 2
Acq On : 16 Apr 2002 10:17 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 10:58:38 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1405327	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1208105	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1070501	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	257945	4.82	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.40%			
17) Toluene-d8	21.62	98	1816591	5.13	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.60%			
54) 4-Bromofluorobenzene	28.51	95	576032	4.68	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.60%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.32	85	375637	9.18	ug/L	100
4) Chloromethane	5.90	50	527054	9.24	ug/L	100
5) Vinyl Chloride	6.18	62	547830	11.13	ug/L	100
6) Bromomethane	7.28	94	266020	7.86	ug/L	100
7) Chloroethane	7.45	64	333927	10.07	ug/L	100
8) Trichlorofluoromethane	8.12	101	671498	10.09	ug/L	99
11) Acetone	9.35	43	144429	47.67	ug/L	99
12) 1,1-Dichloroethene	9.78	61	673408	10.87	ug/L	97
13) Methylene Chloride	11.04	49	514068	11.21	ug/L	98
14) Methyl tert-butyl ether	11.40	73	588216	9.32	ug/L	99
15) trans-1,2-Dichloroethene	11.85	61	716219	11.00	ug/L	100
16) 1,1-Dichloroethane	12.95	63	876548	11.12	ug/L	99
18) 2-Butanone (MEK)	13.97	43	236489	44.11	ug/L	99
19) 2,2-Dichloropropane	14.42	77	518915	7.39	ug/L	92
20) cis-1,2-Dichloroethene	14.55	61	659988	10.96	ug/L	99
21) Chloroform	14.95	83	775783	11.16	ug/L	99
22) Bromochloromethane	15.41	49	277391	11.48	ug/L	96
23) 1,1,1-Trichloroethane	16.01	97	736458	10.53	ug/L	98
24) 1,1-Dichloropropene	16.39	75	706604	10.66	ug/L	99
25) Carbon Tetrachloride	16.69	117	614511	10.34	ug/L	98
26) 1,2-Dichloroethane	17.01	62	384783	11.05	ug/L	99
28) Benzene	17.10	78	2183074	11.08	ug/L	99
29) Trichloroethene	18.62	95	531876	10.83	ug/L	97
30) 1,2-Dichloropropane	19.06	63	441676	10.94	ug/L	99
31) Bromodichloromethane	19.66	83	464860	10.67	ug/L	99
32) Dibromomethane	19.83	93	135640	11.10	ug/L	95
34) Methyl iso-butyl ketone	20.36	43	710724	42.40	ug/L	99
35) cis-1,3-Dichloropropene	20.96	75	538767	9.85	ug/L	98
36) Toluene	21.83	91	2614613	11.06	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\046C10.D Vial: 2
Acq On : 16 Apr 2002 10:17 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 10:58:38 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

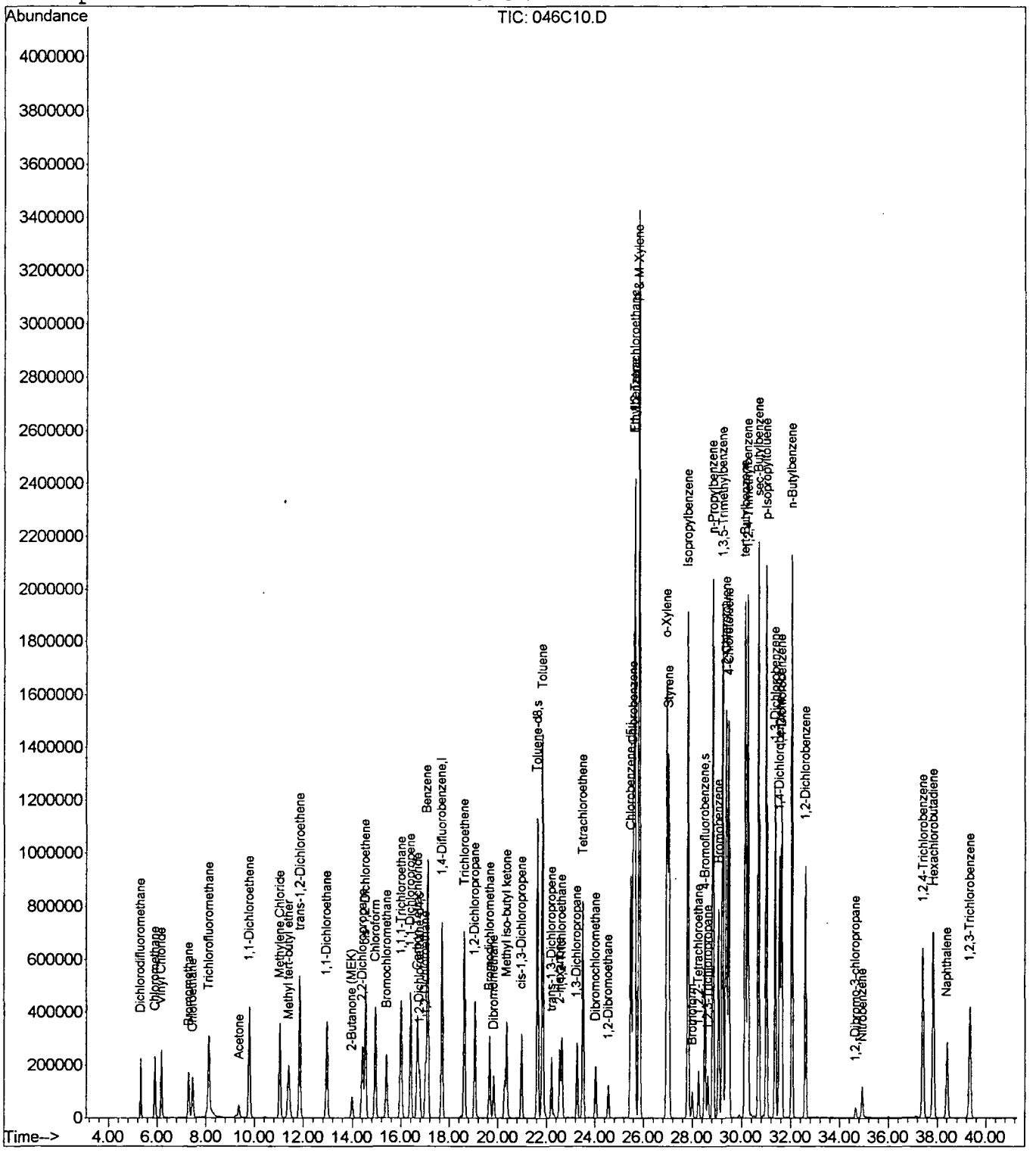
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
37)	trans-1,3-Dichloropropene	22.20	75	357035	9.58	ug/L	99
38)	2-Hexanone	22.54	43	397148	41.41	ug/L	98
39)	1,1,2-Trichloroethane	22.63	97	219594	11.22	ug/L	98
40)	1,3-Dichloropropane	23.25	76	414201	11.07	ug/L	99
41)	Tetrachloroethene	23.50	166	550628	10.14	ug/L	98
42)	Dibromochloromethane	24.02	129	237883	10.55	ug/L	99
43)	1,2-Dibromoethane	24.55	107	187187	10.95	ug/L	100
44)	Chlorobenzene	25.57	112	1547620	11.00	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	394751	10.46	ug/L	98
46)	Ethylbenzene	25.64	91	3126606	10.98	ug/L	99
47)	P & M-Xylene	25.83	91	4921760	21.72	ug/L	100
48)	o-Xylene	26.96	91	2355258	10.72	ug/L	99
49)	Styrene	27.03	104	1660696	10.90	ug/L	100
50)	Isopropylbenzene	27.82	105	3060626	10.70	ug/L	99
52)	Bromoform	27.99	173	106542	9.90	ug/L	99
53)	1,1,2,2-Tetrachloroethane	28.26	83	213520	10.64	ug/L	100
55)	1,2,3-Trichloropropane	28.63	75	169658	10.65	ug/L	99
56)	n-Propylbenzene	28.84	91	3899908	10.38	ug/L	99
57)	Bromobenzene	29.07	77	903887	10.41	ug/L	96
58)	1,3,5-Trimethylbenzene	29.22	105	2638216	10.19	ug/L	99
59)	2-Chlorotoluene	29.37	91	2195585	10.29	ug/L	99
60)	4-Chlorotoluene	29.47	91	2117804	10.38	ug/L	100
61)	tert-Butylbenzene	30.14	119	2391764	10.12	ug/L	99
62)	1,2,4-Trimethylbenzene	30.25	105	2720266	10.22	ug/L	100
63)	sec-Butylbenzene	30.68	105	3655201	10.17	ug/L	99
64)	p-Isopropyltoluene	31.00	119	2966059	10.08	ug/L	99
65)	1,3-Dichlorobenzene	31.37	146	1198875	10.06	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	1157975	9.91	ug/L	99
67)	n-Butylbenzene	32.05	91	2834168	10.04	ug/L	98
68)	1,2-Dichlorobenzene	32.60	146	915497	9.98	ug/L	99
69)	1,2,-Dibromo-3-chloropropa	34.65	157	31354	8.51	ug/L	98
70)	Nitrobenzene	34.92	77	144312	274.32	ug/L	96
71)	1,2,4-Trichlorobenzene	37.42	180	578291	8.71	ug/L	100
72)	Hexachlorobutadiene	37.84	225	400083	8.70	ug/L	99
73)	Naphthalene	38.40	128	712369	8.18	ug/L	99
74)	1,2,3-Trichlorobenzene	39.34	180	417768	8.32	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\046C10.D Vial: 2
Acq On : 16 Apr 2002 10:17 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 10:58 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:39:24

Sample: AE08251
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/16/02 13:28 Ended: 4/16/02 13:28 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.7		
2	4-BROMOFLUOROBENZENE		5.1		
3	DICHLORODIFLUOROMETHAN		5.3		.5
4	CHLOROMETHANE		5.7		.5
5	VINYL CHLORIDE		6.3		.5
6	BROMOMETHANE		5.0		.5
7	CHLOROETHANE		6.2		.5
8	TRICHLOROFLUOROMETHANE		6.3		.5
9	ACETONE		9.5		.5
10	1,1-DICHLOROETHENE		5.5		.5
11	METHYLENE CHLORIDE		6.1		.5
12	METHYL TERT BUTYL ETHER		5.4		1
13	TRANS-1,2-DICHLOROETHEN		5.8		.5
14	1,1-DICHLOROETHANE		6.1		.5
15	2-BUTANONE (MEK)		6.3		.5
16	2,2-DICHLOROPROPANE		6.0		.5
17	CIS-1,2-DICHLOROETHENE		6.1		.5
18	CHLOROFORM		6.3		.5
19	BROMOCHLOROMETHANE		6.3		.5
20	1,2-DICHLOROETHANE		6.3		.5
21	TOLUENE-D8		5.1		
22	1,1,1-TRICHLOROETHANE		5.8		.5
23	1,1-DICHLOROPROPENE		6.1		.5
24	CARBON TETRACHLORIDE		5.7		.5
25	BENZENE		6.0		.5
26	TRICHLOROETHENE		5.9		.5
27	1,2-DICHLOROPROPANE		6.0		.5
28	DIBROMOMETHANE		6.0		.5
29	BROMODICHLOROMETHANE		5.8		.5
30	2-CHLOROETHYL VINYL ETHE		4.9		.5
31	METHYL ISO-BUTYL KETONE		4.3		1
32	CIS-1,3-DICHLOROPROPENE		5.6		.5
33	TOLUENE		6.1		.5
34	TRANS-1,3-DICHLOROPROPE		5.8		.5
35	1,1,2-TRICHLOROETHANE		6.1		.5
36	TETRACHLOROETHENE		5.6		.5
37	1,3-DICHLOROPROPANE		6.0		.5
38	DIBROMOCHLOROMETHANE		5.6		2
39	1,2-DIBROMOETHANE		6.0		.5
40	CHLOROBENZENE		6.1		.5
41	1,1,1,2-TETRACHLOROETHA		5.7		.5
42	2-HEXANONE		5.1		.5
43	ETHYLBENZENE		6.1		.5
44	P & M-XYLENE		12		.5
45	O-XYLENE		5.9		.5
46	STYRENE		6.0		.5
47	1,1,2,2-TETRACHLOROETHA		6.3		.5
48	BROMOFORM		5.6		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:39:24

Sample: AE08251
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 4/16/02 13:28 Ended: 4/16/02 13:28 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		5.9		.5
50	1,2,3-TRICHLOROPROPANE		6.3		.5
51	N-PROPYLBENZENE		6.2		.5
52	BROMOBENZENE		6.3		.5
53	1,3,5-TRIMETHYLBENZENE		6.2		.5
54	2-CHLOROTOLUENE		6.3		.5
55	4-CHLOROTOLUENE		6.1		.5
56	TERT-BUTYLBENZENE		6.1		.5
57	1,2,4-TRIMETHYLBENZENE		6.1		.5
58	SEC-BUTYLBENZENE		6.2		.5
59	P-ISOPROPYLTOLUENE		6.4		.5
60	1,3-DICHLOROBENZENE		6.0		.5
61	1,4-DICHLOROBENZENE		5.9		.5
62	N-BUTYLBENZENE		6.5		.5
63	1,2-DICHLOROBENZENE		6.0		.5
64	1,2-DIBROMO-3-CHLOROPRO		4.9		.5
65	1,2,4-TRICHLOROBENZENE		5.3		.5
66	HEXACHLOROBUTADIENE		5.8		.5
67	NAPHTHALENE		5.0		.5
68	1,2,3-TRICHLOROBENZENE		5.3		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		180		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:39:51

Sample: AE08251
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/17/02 13:18 Ended: 4/17/02 13:18 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		.5
3	Dichlorodifluoromethane		106		.5
4	Chloromethane		114		.5
5	Vinyl chloride		126		.5
6	Bromomethane		100		.5
7	Chloroethane		124		.5
8	Trichlorofluoromethane		126		.5
9	1,1-Dichloroethene		110		.5
10	Methylene Chloride		122		.5
11	Methyl tert butyl ether		108		1.0
12	trans-1,2-dichloroethene		116		.5
13	1,1-dichloroethane		122		.5
14	2-butanone (MEK)		126		2.0
15	2,2-dichloropropane		120		.5
16	cis-1,2-dichloroethene		122		.5
17	Chloroform		126		.5
18	Bromochloromethane		126		.5
19	1,2-dichloroethane		126		.5
20	Surr - TOLUENE-D8		5.1		.5
21	1,1,1-trichloroethane		116		.5
22	1,1-dichloropropene		122		.5
23	Carbon tetrachloride		114		.5
24	Benzene		120		.5
25	Trichloroethene		118		.5
26	1,2-dichloropropane		120		.5
27	Dibromomethane		120		.5
28	Bromodichloromethane		116		.5
29	Methyl iso-butyl ketone		86		1.0
30	cis-1,3-dichloropropene		112		.5
31	Toluene		122		.5
32	trans-1,3-dichloropropene		116		.5
33	1,1,2-trichloroethane		122		.5
34	Tetrachloroethene		112		.5
35	1,3-dichloropropane		120		.5
36	Dibromochloromethane		112		2.0
37	Chlorobenzene		122		.5
38	1,1,1,2-tetrachloroethane		114		.5
39	Ethylbenzene		122		.5
40	P & M-xylene		120		.5
41	O-xylene		118		.5
42	Styrene		120		.5
43	1,1,2,2-tetrachloroethane		126		.5
44	Bromoform		112		2.0
45	Isopropylbenzene		118		.5
46	1,2,3-trichloropropane		126		.5
47	N-propylbenzene		124		.5
48	Bromobenzene		126		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:39:51

Sample: AE08251
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 4/17/02 13:18 Ended: 4/17/02 13:18 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		124		.5
50	2-chlorotoluene		126		.5
51	4-chlorotoluene		122		.5
52	TERT-butylbenzene		122		.5
53	1,2,4-trimethylbenzene		122		.5
54	SEC-butylbenzene		124		.5
55	P-isopropyltoluene		128		.5
56	1,3-dichlorobenzene		120		.5
57	1,4-dichlorobenzene		118		.5
58	N-butylbenzene	USPEC	130		.5
59	1,2-dichlorobenzene		120		.5
60	1,2,4-trichlorobenzene		106		.5
61	Hexachlorobutadiene		116		.5
62	Naphthalene		100		.5
63	1,2,3-trichlorobenzene		106		.5
64	Ethanol		< MDL		
65	Nitrobenzene	USPEC	180		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR16\0416R5.D Vial: 3
Acq On : 16 Apr 2002 1:28 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 14:13:10 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 16 14:12:54 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.69	114	1489334	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.46	117	1361057	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1106913	5.00	ug/L	0.01
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.76	65	269515	4.75	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.00%			
17) Toluene-d8	21.61	98	1924391	5.13	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.60%			
54) 4-Bromofluorobenzene	28.50	95	647107	5.08	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.60%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.32	85	228061	5.26	ug/L	99
4) Chloromethane	5.90	50	346184	5.73	ug/L	100
5) Vinyl Chloride	6.18	62	362522	6.28	ug/L	99
6) Bromomethane	7.28	94	180706	5.04	ug/L	100
7) Chloroethane	7.45	64	218901	6.23	ug/L	99
8) Trichlorofluoromethane	8.12	101	444640	6.30	ug/L	99
11) Acetone	9.34	43	35701	9.48	ug/L	99
12) 1,1-Dichloroethene	9.77	61	363654	5.54	ug/L	98
13) Methylene Chloride	11.02	49	297896	6.13	ug/L	98
14) Methyl tert-butyl ether	11.38	73	358584	5.36	ug/L	98
15) trans-1,2-Dichloroethene	11.83	61	402346	5.83	ug/L	99
16) 1,1-Dichloroethane	12.93	63	507449	6.07	ug/L	100
18) 2-Butanone (MEK)	13.97	43	42200	6.33	ug/L	99
19) 2,2-Dichloropropane	14.40	77	445335	5.98	ug/L	92
20) cis-1,2-Dichloroethene	14.53	61	390812	6.13	ug/L	98
21) Chloroform	14.93	83	464637	6.30	ug/L	99
22) Bromochloromethane	15.39	49	161891	6.32	ug/L	95
23) 1,1,1-Trichloroethane	15.99	97	430318	5.81	ug/L	97
24) 1,1-Dichloropropene	16.38	75	429168	6.11	ug/L	99
25) Carbon Tetrachloride	16.68	117	358936	5.70	ug/L	97
26) 1,2-Dichloroethane	17.00	62	233431	6.33	ug/L	99
28) Benzene	17.09	78	1341362	6.04	ug/L	99
29) Trichloroethene	18.61	95	328784	5.94	ug/L	97
30) 1,2-Dichloropropane	19.04	63	272071	5.98	ug/L	99
31) Bromodichloromethane	19.65	83	285480	5.82	ug/L	99
32) Dibromomethane	19.82	93	81944	5.95	ug/L	94
33) 2-CEVE	20.26	63	69302	4.88	ug/L	92
34) Methyl iso-butyl ketone	20.36	43	83207	4.31	ug/L	92
35) cis-1,3-Dichloropropene	20.95	75	343458	5.57	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR16\0416R5.D Vial: 3
Acq On : 16 Apr 2002 1:28 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 14:13:10 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 16 14:12:54 2002
Response via : Initial Calibration
DataAcq Meth : W032602

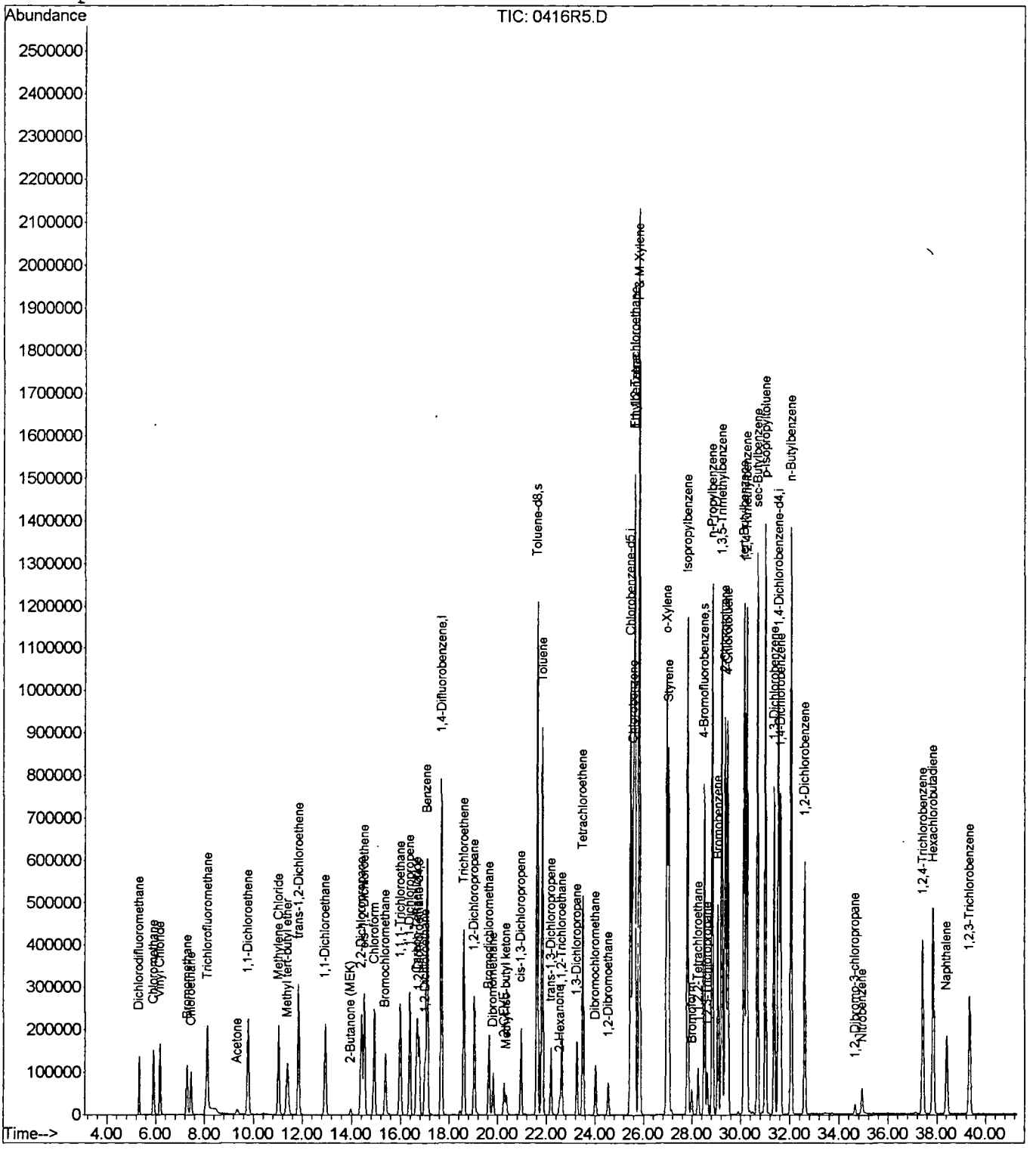
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.82	91	1630729	6.12	ug/L	99
37)	trans-1,3-Dichloropropene	22.19	75	245566	5.85	ug/L	98
38)	2-Hexanone	22.53	43	60520	5.07	ug/L	94
39)	1,1,2-Trichloroethane	22.62	97	134945	6.12	ug/L	96
40)	1,3-Dichloropropane	23.24	76	254526	6.04	ug/L	99
41)	Tetrachloroethene	23.50	166	344975	5.64	ug/L	97
42)	Dibromochloromethane	24.01	129	142184	5.60	ug/L	99
43)	1,2-Dibromoethane	24.54	107	115363	5.99	ug/L	99
44)	Chlorobenzene	25.56	112	961755	6.07	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.63	131	240641	5.66	ug/L	98
46)	Ethylbenzene	25.63	91	1961781	6.12	ug/L	99
47)	P & M-Xylene	25.83	91	3070889	12.03	ug/L	100
48)	o-Xylene	26.95	91	1460940	5.90	ug/L	100
49)	Styrene	27.03	104	1035325	6.03	ug/L	99
50)	Isopropylbenzene	27.82	105	1903057	5.91	ug/L	99
52)	Bromoform	27.99	173	61218	5.62	ug/L	99
53)	1,1,2,2-Tetrachloroethane	28.25	83	129959	6.26	ug/L	100
55)	1,2,3-Trichloropropane	28.63	75	103599	6.29	ug/L	99
56)	n-Propylbenzene	28.84	91	2392434	6.16	ug/L	99
57)	Bromobenzene	29.07	77	563343	6.28	ug/L	95
58)	1,3,5-Trimethylbenzene	29.22	105	1652555	6.17	ug/L	98
59)	2-Chlorotoluene	29.36	91	1386596	6.29	ug/L	99
60)	4-Chlorotoluene	29.47	91	1281571	6.08	ug/L	100
61)	tert-Butylbenzene	30.14	119	1482893	6.07	ug/L	99
62)	1,2,4-Trimethylbenzene	30.25	105	1680654	6.11	ug/L	99
63)	sec-Butylbenzene	30.68	105	2295241	6.17	ug/L	99
64)	p-Isopropyltoluene	31.00	119	1953409	6.42	ug/L	99
65)	1,3-Dichlorobenzene	31.37	146	742172	6.02	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	711339	5.89	ug/L	98
67)	n-Butylbenzene	32.05	91	1890346	6.48	ug/L	98
68)	1,2-Dichlorobenzene	32.60	146	569371	6.00	ug/L	99
69)	1,2,-Dibromo-3-chloropropa	34.65	157	18465	4.85	ug/L	99
70)	Nitrobenzene	34.92	77	72886	180.81	ug/L	94
71)	1,2,4-Trichlorobenzene	37.42	180	366839	5.35	ug/L	99
72)	Hexachlorobutadiene	37.84	225	273643	5.75	ug/L	100
73)	Naphthalene	38.40	128	449217	4.99	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	276941	5.34	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR16\0416R5.D Vial: 3
Acq On : 16 Apr 2002 1:28 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 14:13 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Tue Apr 16 14:12:54 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\0416B2.D Vial: 1
Acq On : 16 Apr 2002 2:36 pm Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 15:18:06 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

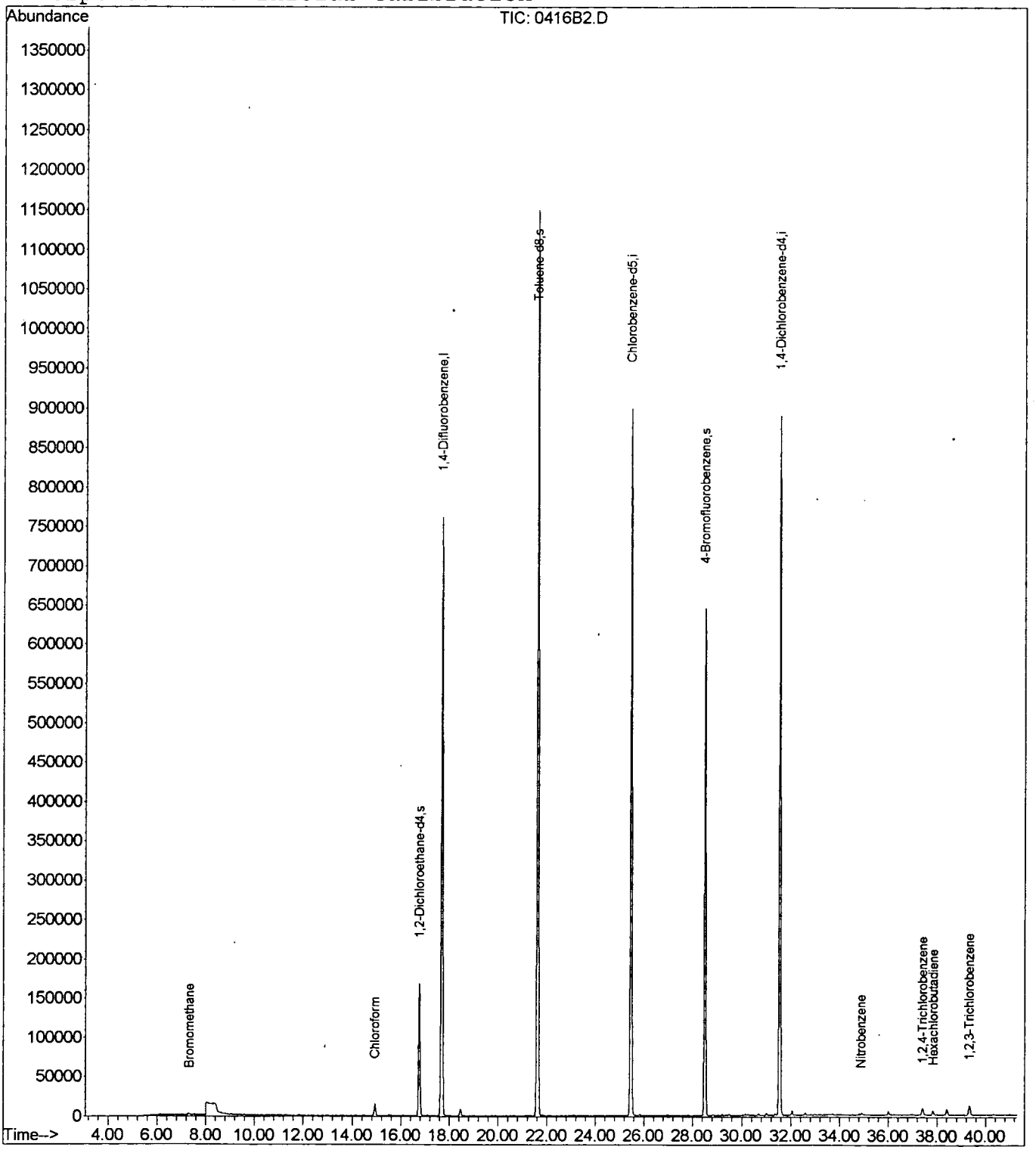
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.69	114	1412802	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1199246	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	877895	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	257947	4.79	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.80%			
17) Toluene-d8	21.61	98	1816293	5.10	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.00%			
54) 4-Bromofluorobenzene	28.50	95	539976	5.34	ug/L	0.00
Spiked Amount 5.000			Recovery = 106.80%			
Target Compounds						Qvalue
6) Bromomethane	7.33	94	4689	0.14	ug/L	71
11) Acetone	9.37	43	1102	Below Cal	#	45
18) 2-Butanone (MEK)	13.95	43	76	Below Cal	#	50
21) Chloroform	14.93	83	26172	0.37	ug/L	99
34) Methyl iso-butyl ketone	20.36	43	60	Below Cal	#	45
38) 2-Hexanone	22.40	43	136	Below Cal	#	34
70) Nitrobenzene	34.89	77	2595	6.02	ug/L	83
71) 1,2,4-Trichlorobenzene	37.44	180	8226	0.15	ug/L	99
72) Hexachlorobutadiene	37.85	225	2797	0.07	ug/L	85
74) 1,2,3-Trichlorobenzene	39.34	180	12077	0.29	ug/L	96

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\0416B2.D Vial: 1
Acq On : 16 Apr 2002 2:36 pm Operator:
Sample : lab blank Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 15:18 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:16:55

Sample: AE08251
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 15:58 Ended: 4/16/02 15:58 Analyst: BH
Result source: a:\8251a.rr
Page: 1

	Component Name.	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/18/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:16:55

Sample: AE08251
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 15:58 Ended: 4/16/02 15:58 Analyst: BH
Result source: a:\8251a.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8251A.D Vial: 2
Acq On : 16 Apr 2002 3:58 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 16:39:52 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

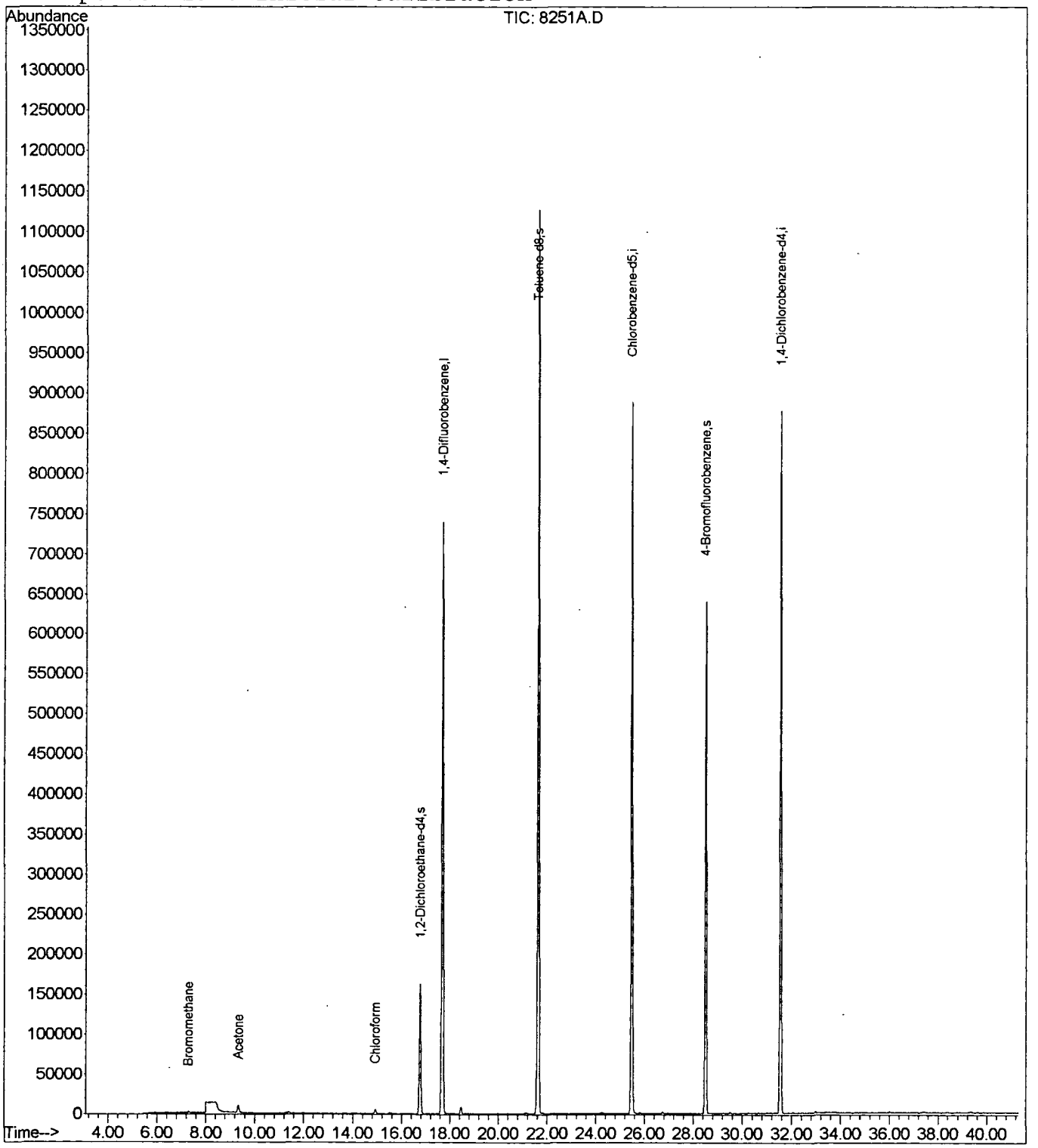
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.69	114	1374378	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.46	117	1162587	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	853983	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	252376	4.82	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.40%			
17) Toluene-d8	21.61	98	1769305	5.11	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.20%			
54) 4-Bromofluorobenzene	28.50	95	529518	5.39	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.80%			
Target Compounds						Qvalue
6) Bromomethane	7.29	94	2312	~~0.07~~	ug/L	78
11) Acetone	9.35	43	31809	~~7.60~~	ug/L	96
18) 2-Butanone (MEK)	13.97	43	656	Below Cal		86
21) Chloroform	14.93	83	9457	~~0.14~~	ug/L	99
34) Methyl iso-butyl ketone	20.38	43	535	Below Cal	#	45
38) 2-Hexanone	22.56	43	322	Below Cal	#	34

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8251A.D Vial: 2
Acq On : 16 Apr 2002 3:58 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 16:39 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR16\8251A.D Vial: 2
Acq On : 16 Apr 2002 3:58 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p

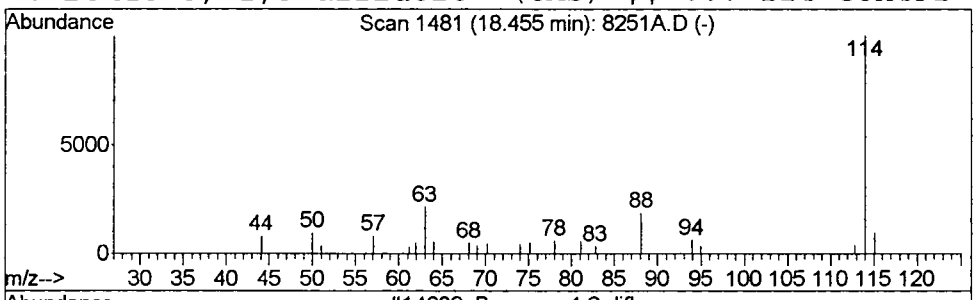
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

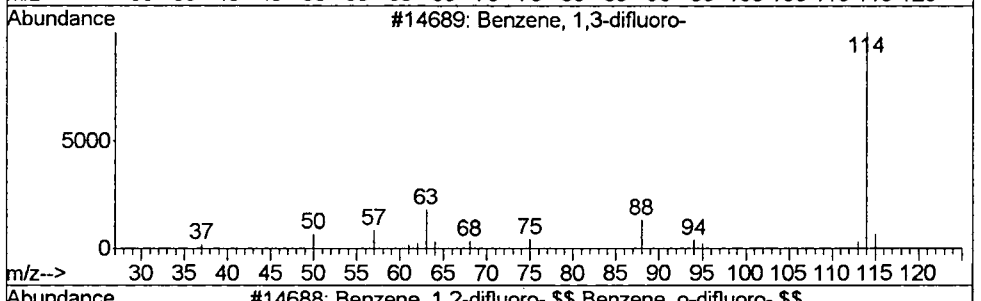
****

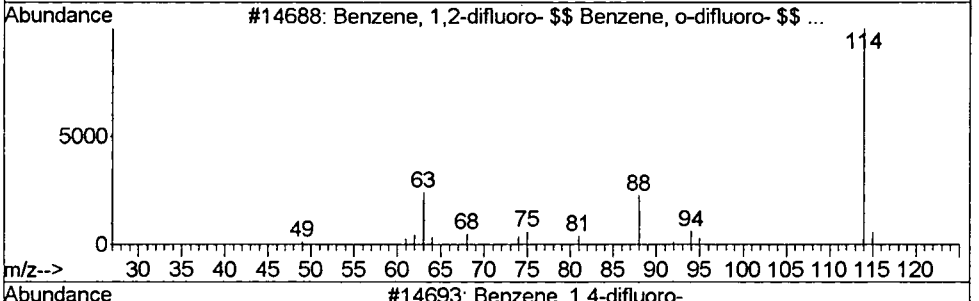
Peak Number 1 Benzene, 1,3-difluoro- Concentration Rank 1

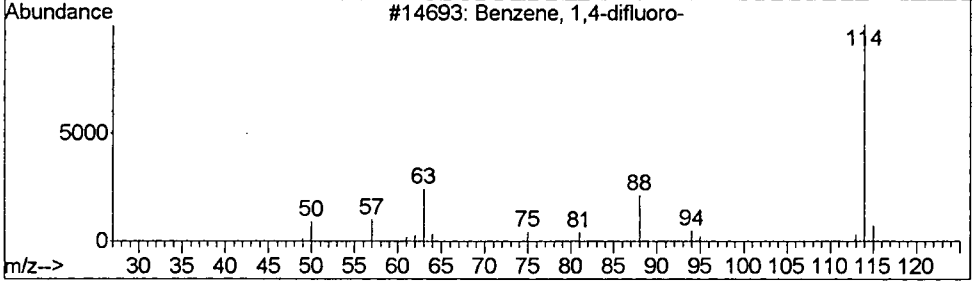
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	0.06 ug/L	34721	1,4-Difluorobenzene	17.69

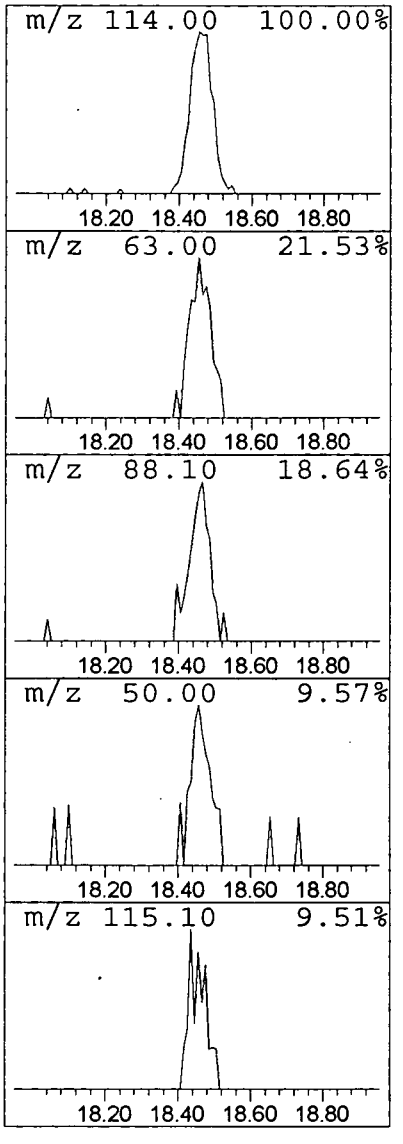
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	93
2	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	93
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	93
4	Benzene, 1,3-difluoro- (CAS) $$ ...	114	C6H4F2	000372-18-9	92











Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR05\8251.D Vial: 4
Acq On : 5 Apr 2002 9:52 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:48 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1334583	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.74	117	1174119	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	538564	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	640468	5.82	ug/L	0.02
Spiked Amount 5.000			Recovery	=	116.40%	
3) 4-BROMOFLUOROBENZENE	24.33	174	462016	4.28	ug/L	0.03
Spiked Amount 5.000			Recovery	=	85.60%	
25) TOLUENE-D8	18.42	98	1544842	5.43	ug/L	0.02
Spiked Amount 5.000			Recovery	=	108.60%	
Target Compounds						Qvalue
12) ACETONE	8.22	43	16917	1.87	ug/L	79
46) 2-HEXANONE	19.09	43	740	0.06	ug/L	27

QC failed

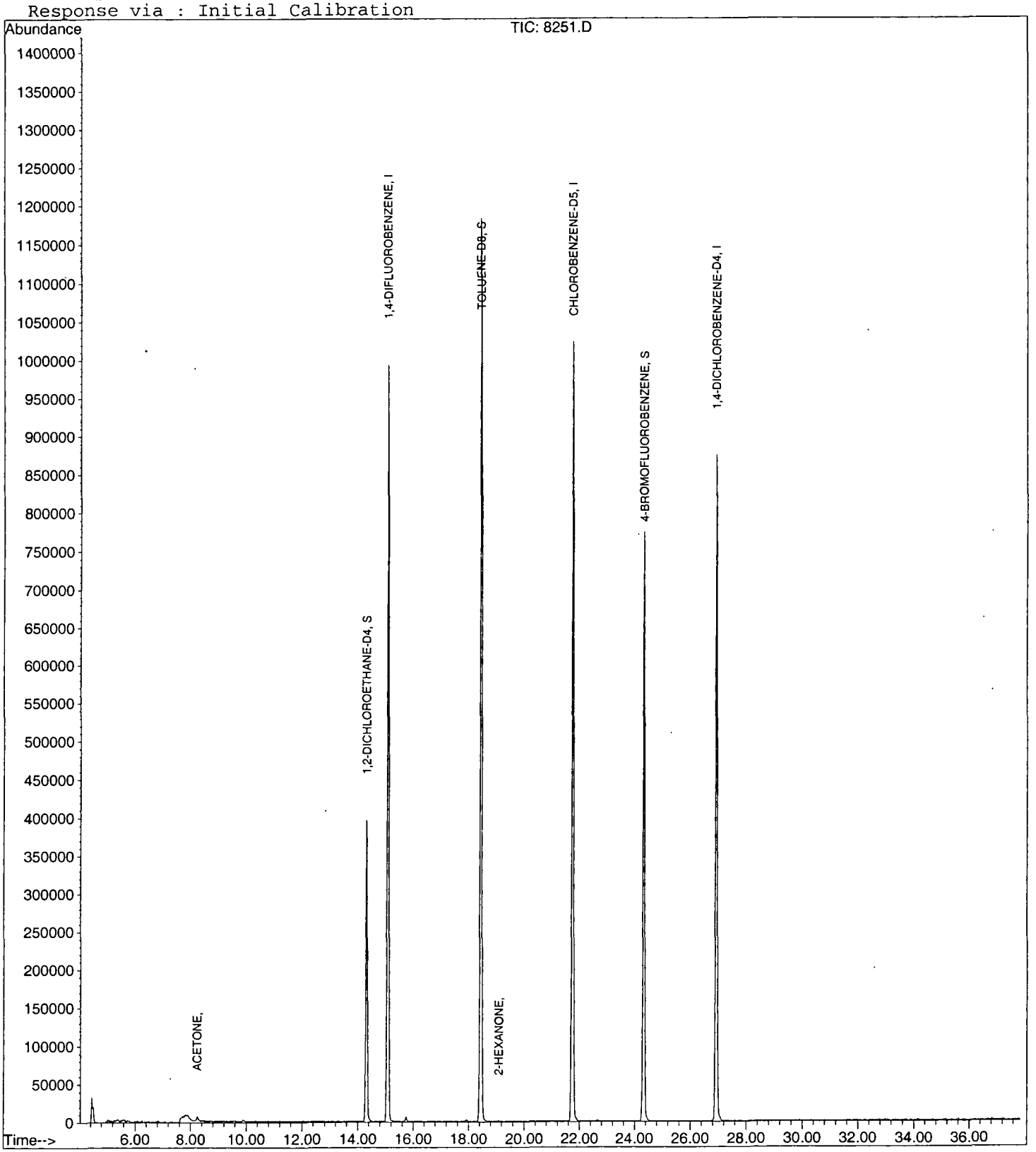
(#) = qualifier out of range (m) = manual integration
8251.D HP031802.M Mon Apr 08 10:49:06 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR05\8251.D
Acq On : 5 Apr 2002 9:52 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:48 2002

Vial: 4
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR05\8251.D Vial: 4
Acq On : 5 Apr 2002 9:52 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

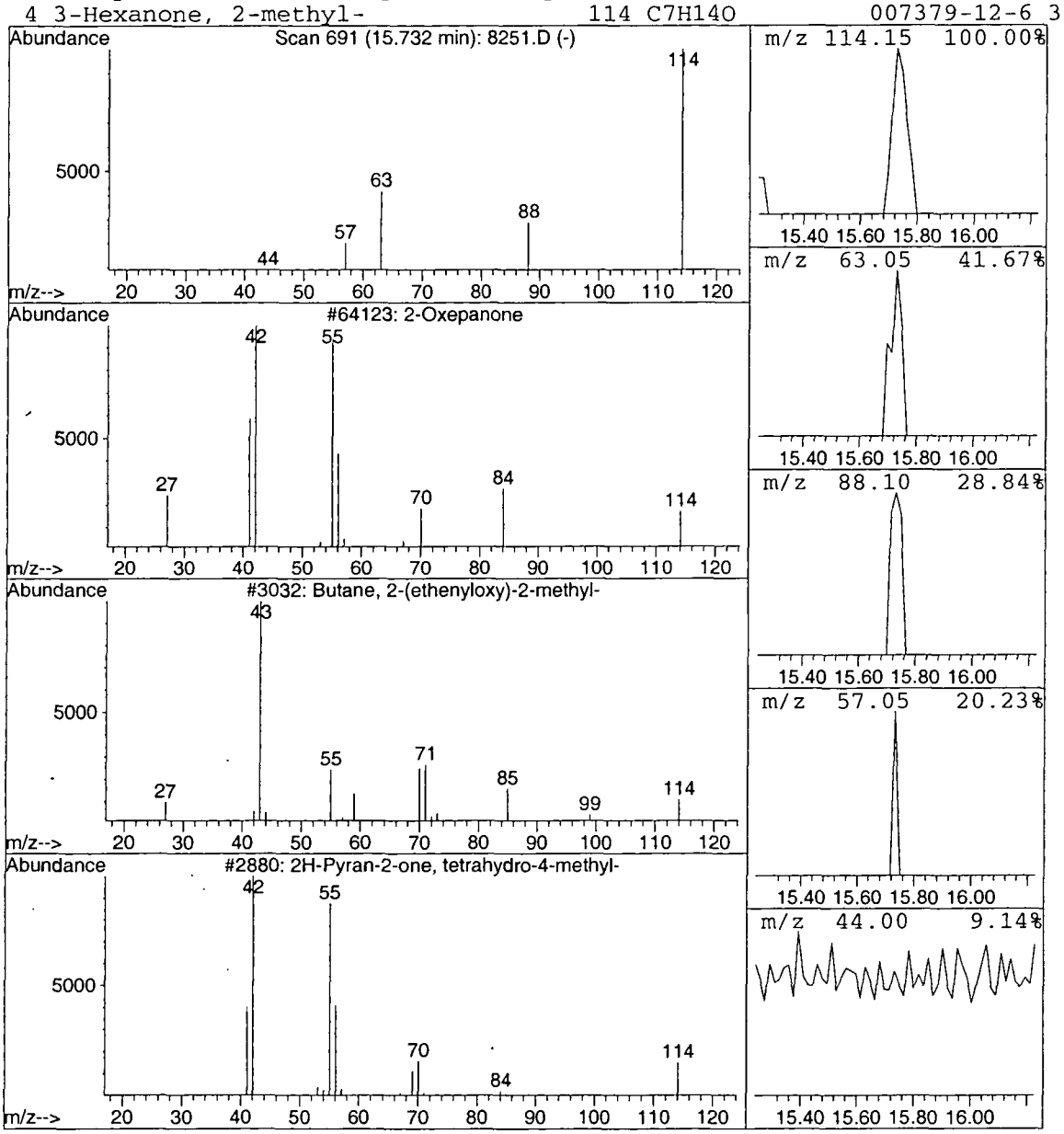
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	21206	1,4-DIFLUOROBENZENE	15.07

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	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:20:47

Sample: AE08252
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 16:44 Ended: 4/16/02 16:44 Analyst: BH
Result source: a:\8252a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.4		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/18/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:20:47

Sample: AE08252
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 16:44 Ended: 4/16/02 16:44 Analyst: BH
Result source: a:\8252a.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8252A.D Vial: 3
Acq On : 16 Apr 2002 4:44 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 17:26:18 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

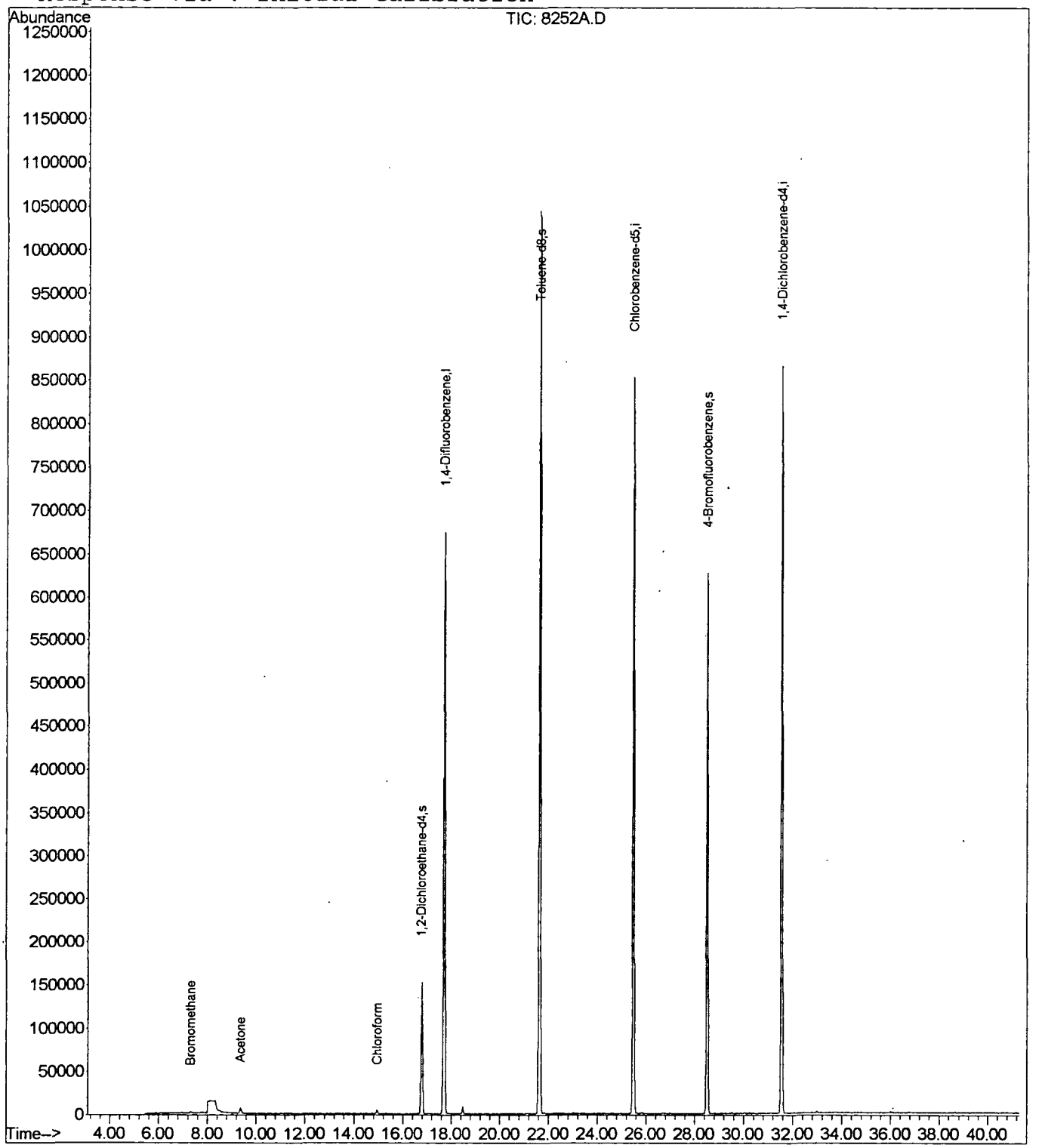
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1257839	5.00	ug/L		0.01
27) Chlorobenzene-d5	25.47	117	1107713	5.00	ug/L		0.01
51) 1,4-Dichlorobenzene-d4	31.54	150	833495	5.00	ug/L		0.01
System Monitoring Compounds							
2) 1,2-Dichloroethane-d4	16.78	65	231802	4.84	ug/L		0.01
Spiked Amount 5.000			Recovery =	96.80%			
17) Toluene-d8	21.62	98	1644979	5.19	ug/L		0.00
Spiked Amount 5.000			Recovery =	103.80%			
54) 4-Bromofluorobenzene	28.51	95	515700	5.38	ug/L		0.01
Spiked Amount 5.000			Recovery =	107.60%			
Target Compounds							Qvalue
6) Bromomethane	7.30	94	1747	~~0.06~~	ug/L		54
11) Acetone	9.36	43	20018	~~3.96~~	ug/L		95
18) 2-Butanone (MEK)	13.99	43	1216	Below Cal		#	60
21) Chloroform	14.96	83	7984	~~0.13~~	ug/L		97
34) Methyl iso-butyl ketone	20.38	43	71	Below Cal		#	45
38) 2-Hexanone	22.52	43	73	Below Cal		#	34

(#) = qualifier out of range (m) = manual integration
8252A.D W032602.M Tue Apr 16 17:26:19 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8252A.D Vial: 3
Acq On : 16 Apr 2002 4:44 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 17:26 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR16\8252A.D Vial: 3
Acq On : 16 Apr 2002 4:44 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p

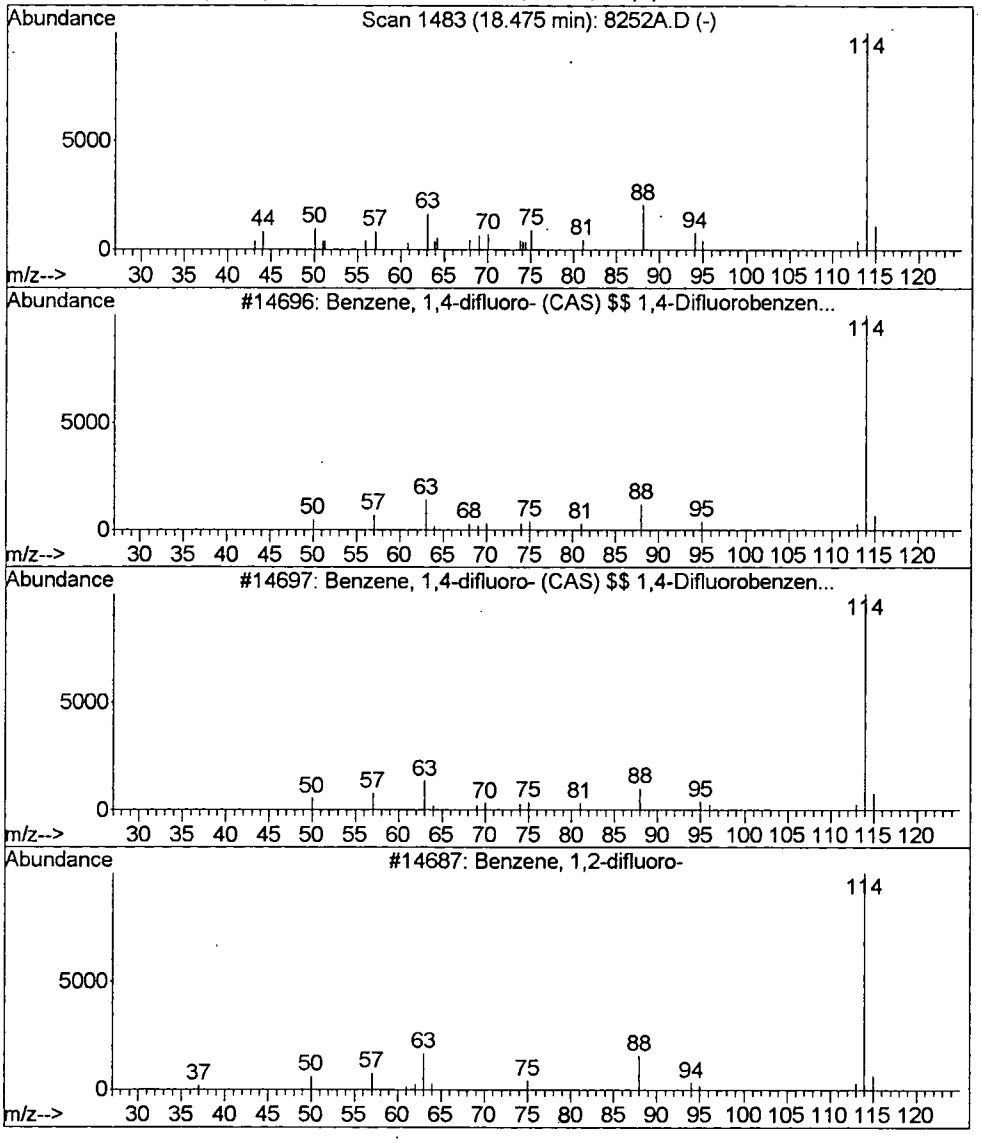
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

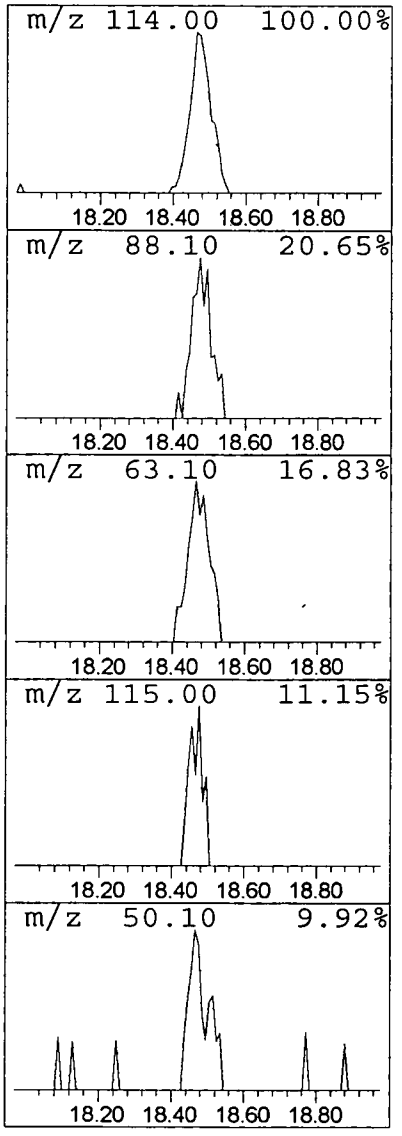
****

Peak Number 1 Benzene, 1,4-difluoro- (CAS... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	31761	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	72
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	62
4	Benzene, 1,3-difluoro- (CAS) $$ ...	114	C6H4F2	000372-18-9	60





Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR05\8252.D Vial: 5
Acq On : 5 Apr 2002 10:36 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:49 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1250384	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.74	117	1109180	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	524805	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	624905	6.07	ug/L	0.02
Spiked Amount 5.000			Recovery	=	121.40%	
3) 4-BROMOFLUOROBENZENE	24.33	174	454124	4.49	ug/L	0.03
Spiked Amount 5.000			Recovery	=	89.80%	
25) TOLUENE-D8	18.42	98	1451590	5.40	ug/L	0.02
Spiked Amount 5.000			Recovery	=	108.00%	
Target Compounds						Qvalue
12) ACETONE	8.22	43	19677	2.33	ug/L	94
46) 2-HEXANONE	18.78	43	695	0.06	ug/L	27

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

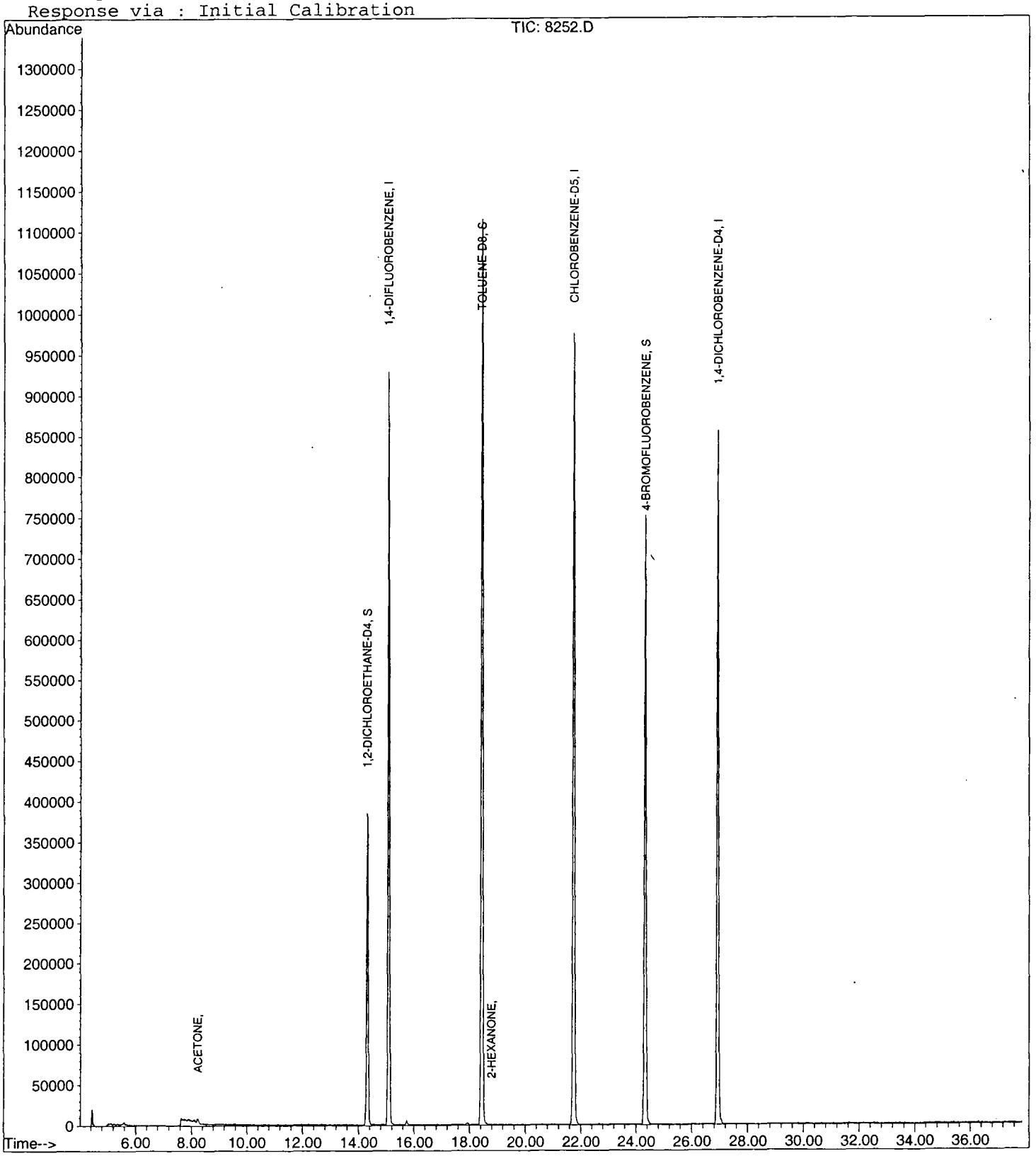
Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR05\8252.D
Acq On : 5 Apr 2002 10:36 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:49 2002

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

Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR05\8252.D Vial: 5
Acq On : 5 Apr 2002 10:36 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

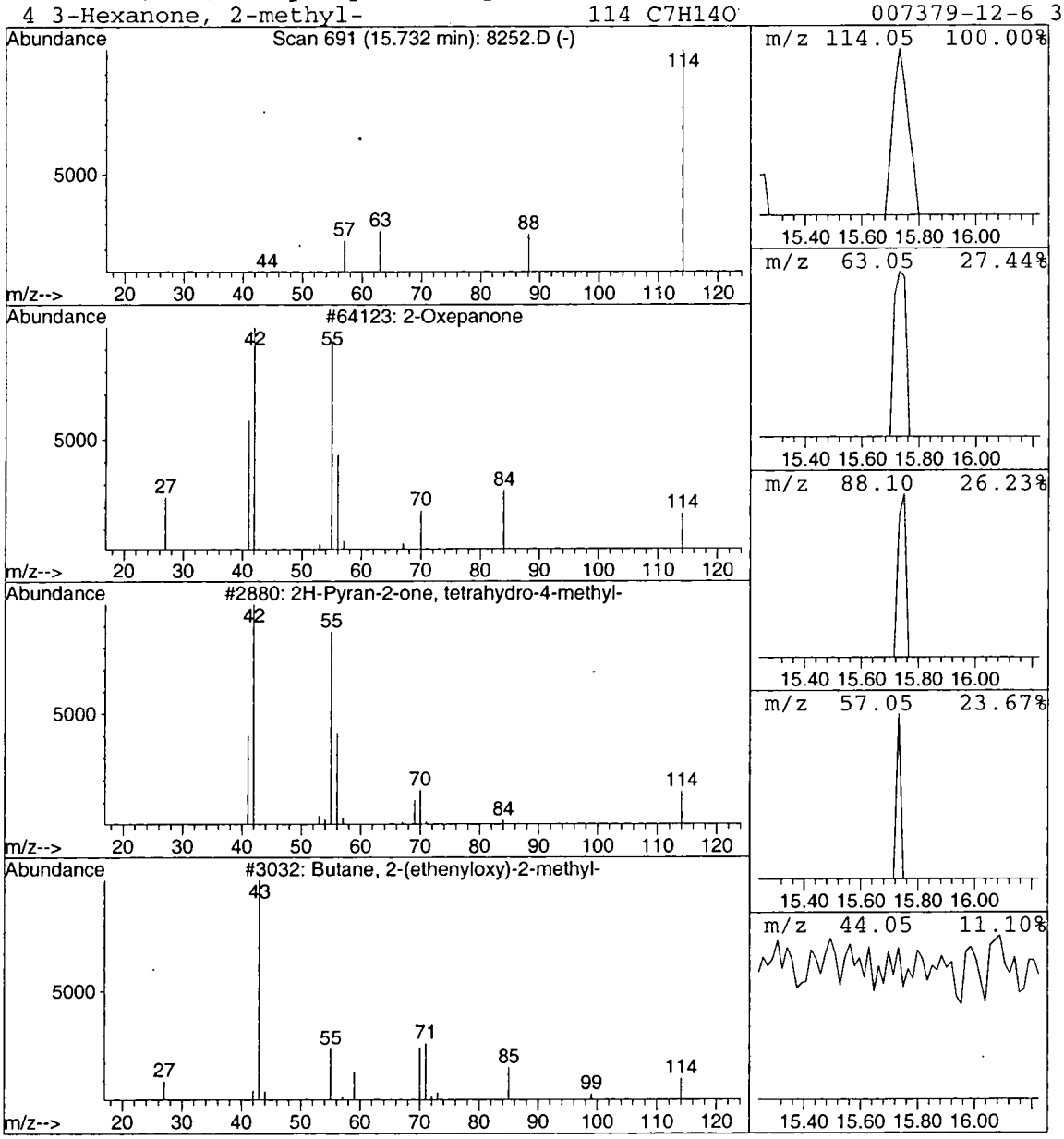
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	17893	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:21:01

Sample: AE08253
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 17:31 Ended: 4/16/02 17:31 Analyst: BH
Result source: a:\8253a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		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		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/28/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:21:01

Sample: AE08253
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 17:31 Ended: 4/16/02 17:31 Analyst: BH
Result source: a:\8253a.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8253A.D Vial: 4
Acq On : 16 Apr 2002 5:31 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 18:12:51 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1252412	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1113225	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	831892	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	235325	4.93	ug/L	0.00
Spiked Amount 5.000			Recovery =	98.60%		
17) Toluene-d8	21.62	98	1644339	5.21	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.20%		
54) 4-Bromofluorobenzene	28.51	95	511879	5.35	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.00%		
Target Compounds						Qvalue
11) Acetone 26	9.35	43	76099	26.53	ug/L	91
18) 2-Butanone (MEK)	13.98	43	446	Below Cal	#	50
21) Chloroform	14.94	83	7878	~~0.13~~	ug/L	97
34) Methyl iso-butyl ketone	20.39	43	371	Below Cal	#	45
38) 2-Hexanone	22.54	43	69	Below Cal	#	34

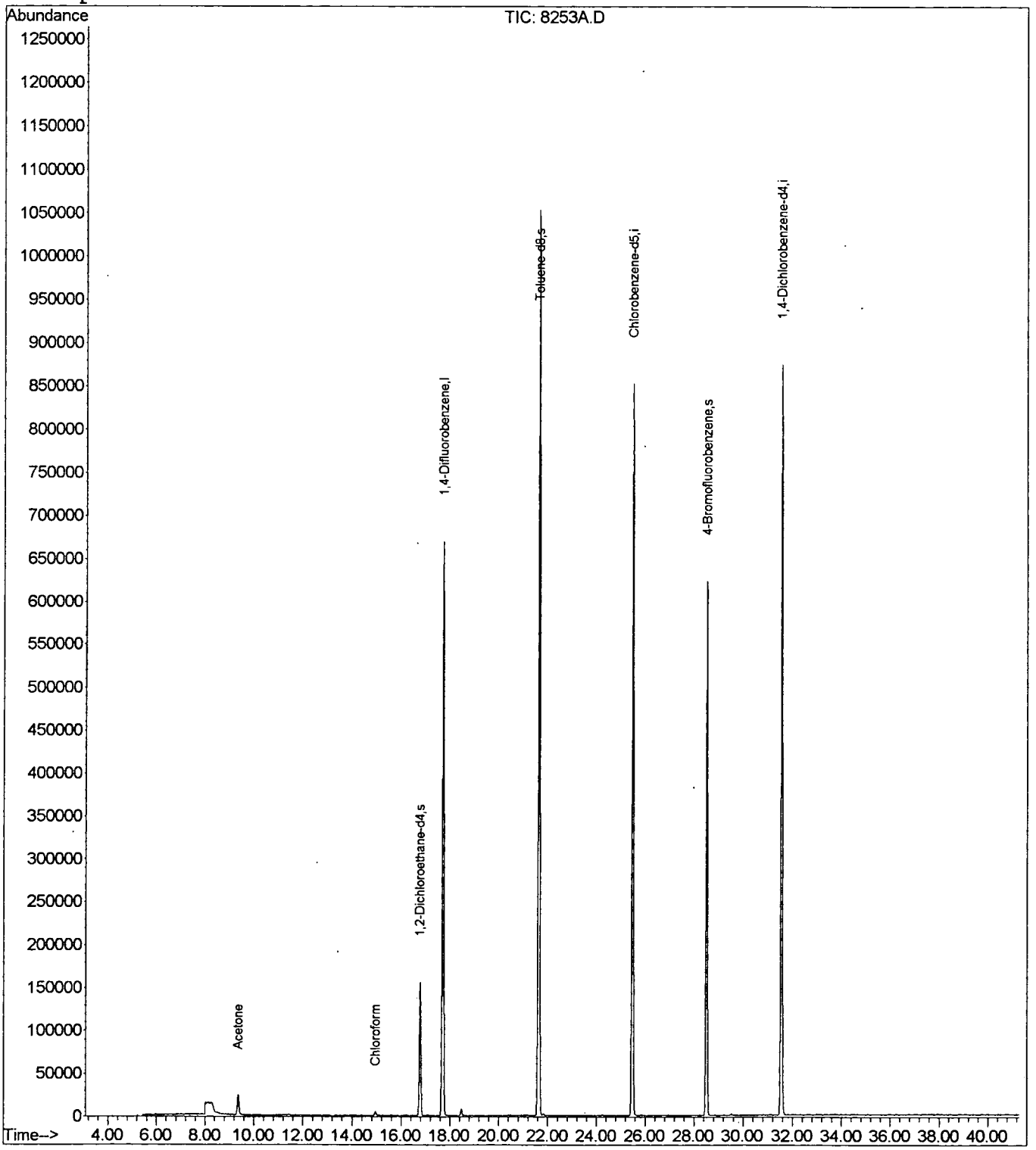
0.47 in previous inj

(#) = qualifier out of range (m) = manual integration
8253A.D W032602.M Tue Apr 16 18:12:52 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8253A.D Vial: 4
Acq On : 16 Apr 2002 5:31 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 18:12 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR16\8253A.D Vial: 4
Acq On : 16 Apr 2002 5:31 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p

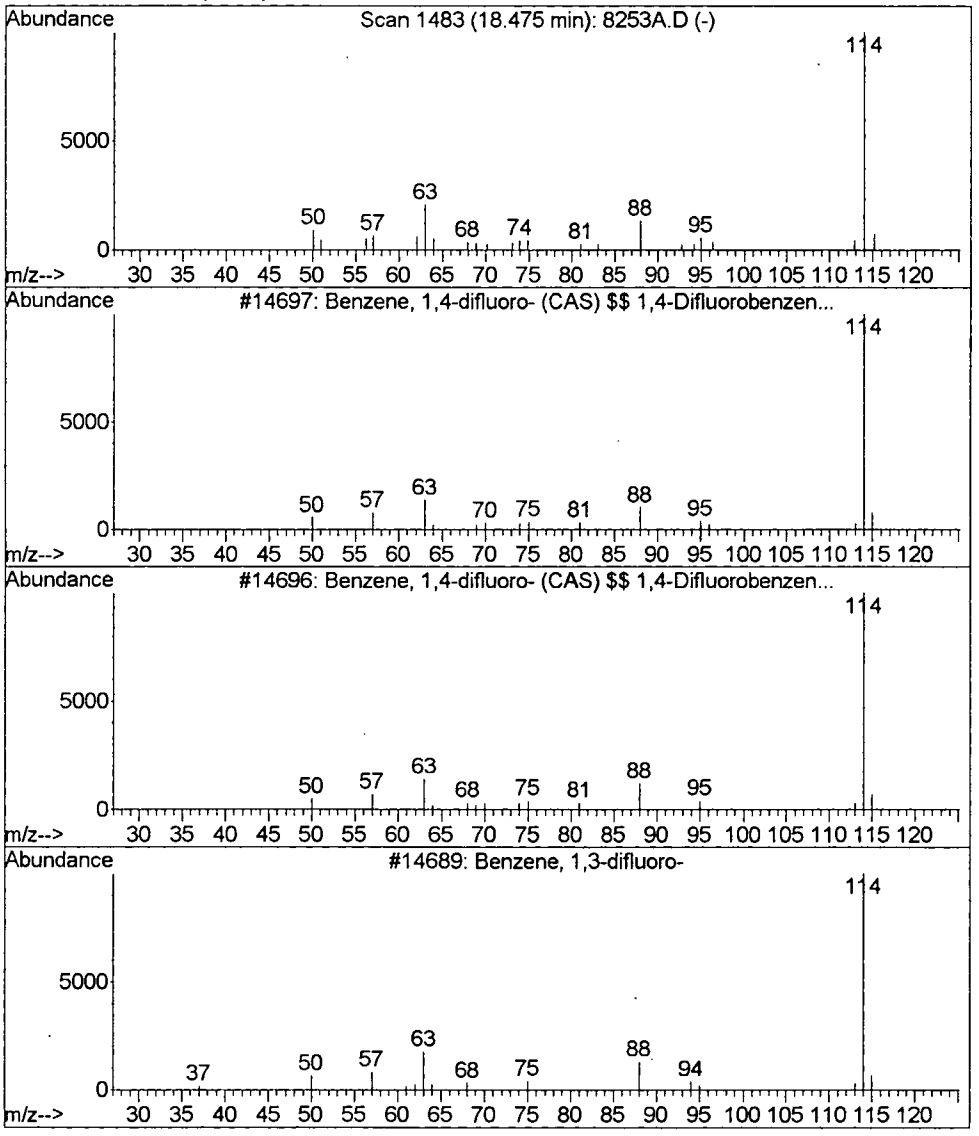
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

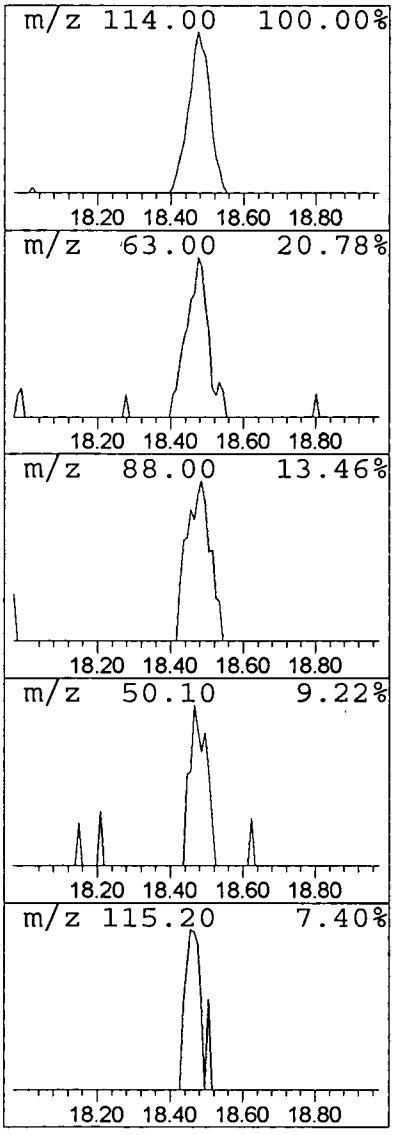
****

Peak Number 1 Benzene, 1,4-difluoro- (CAS... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	32647	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	87
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	87
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	72
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	72





Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR05\8253.D Vial: 6
Acq On : 5 Apr 2002 11:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:50 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1214073	5.00	ug/L	0.03
24) CHLOROBENZENE-D5	21.74	117	1076504	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.93	152	501748	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	581185	5.81	ug/L	0.03
Spiked Amount 5.000			Recovery =	116.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	438843	4.47	ug/L	0.03
Spiked Amount 5.000			Recovery =	89.40%		
25) TOLUENE-D8	18.44	98	1416112	5.43	ug/L	0.03
Spiked Amount 5.000			Recovery =	108.60%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	3851	0.47	ug/L	53

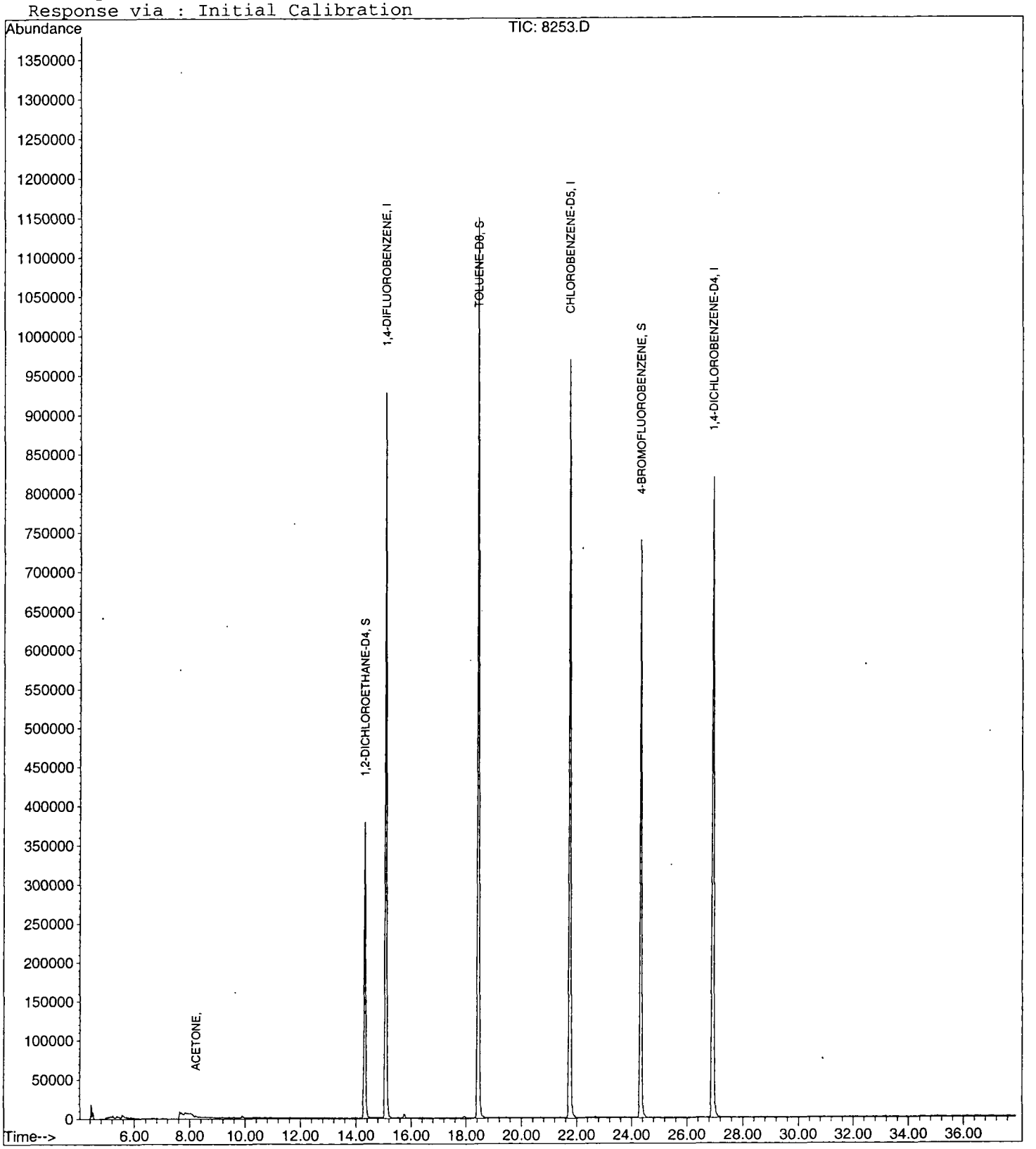
(#) = qualifier out of range (m) = manual integration
8253.D HP031802.M Mon Apr 08 10:51:04 2002 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR05\8253.D
Acq On : 5 Apr 2002 11:24 pm
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:50 2002

Vial: 6
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR05\8253.D Vial: 6
Acq On : 5 Apr 2002 11:24 pm Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

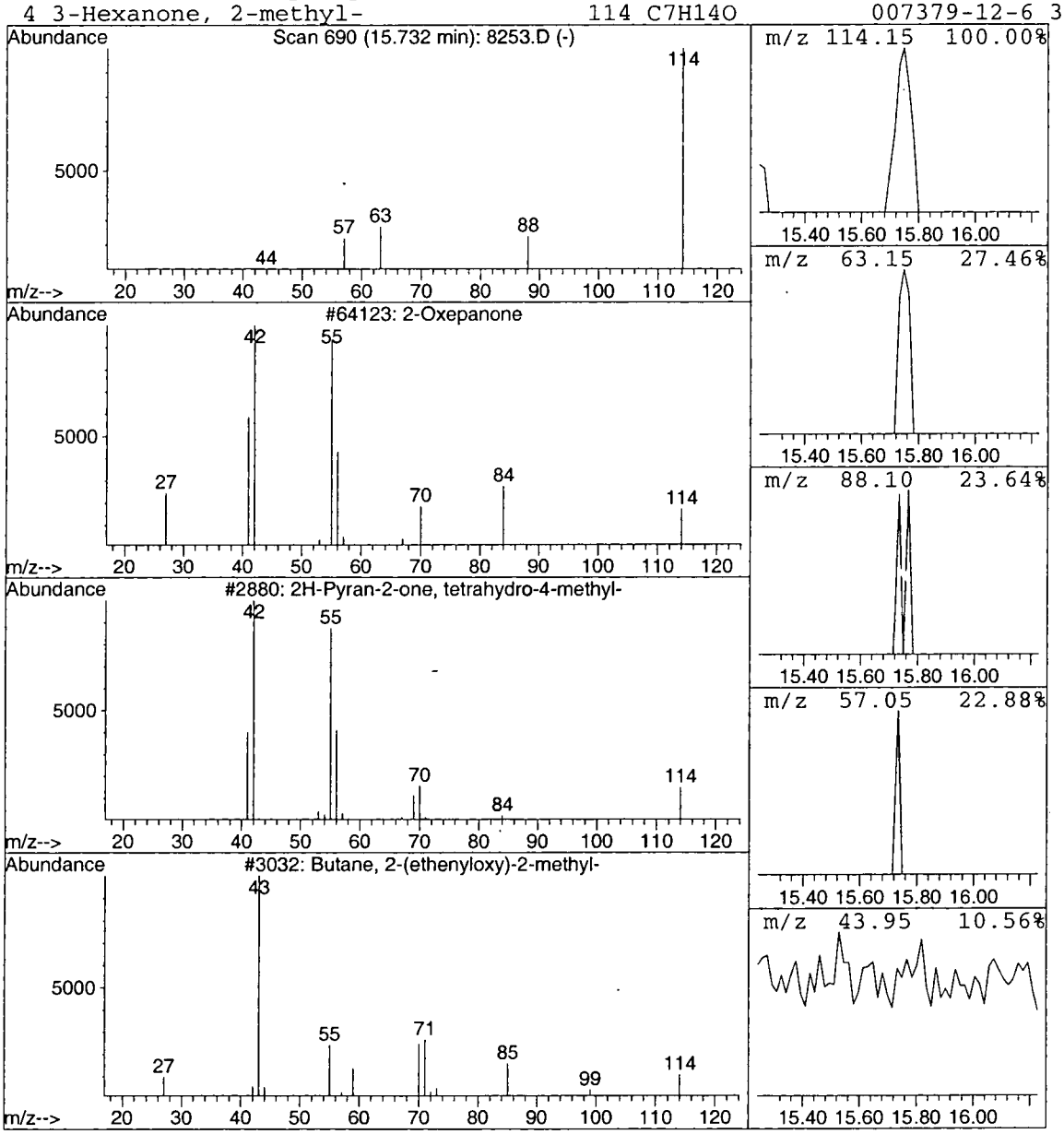
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	20368	1,4-DIFLUOROBENZENE	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:21:13

Sample: AE08255
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 18:17 Ended: 4/16/02 18:17 Analyst: BH
Result source: a:\8255a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		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		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/18/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:21:13

Sample: AE08255
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 18:17 Ended: 4/16/02 18:17 Analyst: BH
Result source: a:\8255a.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8255A.D Vial: 6
Acq On : 16 Apr 2002 6:17 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 18:59:18 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1242689	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1098081	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	835704	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	236864	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.00%		
17) Toluene-d8	21.62	98	1628543	5.20	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.00%		
54) 4-Bromofluorobenzene	28.51	95	508393	5.29	ug/L	0.00
Spiked Amount 5.000			Recovery =	105.80%		
Target Compounds						Qvalue
11) Acetone ?<	9.36	43	73269	25.62	ug/L	96
18) 2-Butanone (MEK)	13.98	43	266	Below Cal	#	50
21) Chloroform	14.95	83	9074	~~0.15 ug/L~~		97
34) Methyl iso-butyl ketone	20.32	43	62	Below Cal	#	45
38) 2-Hexanone	22.59	43	144	Below Cal	#	34

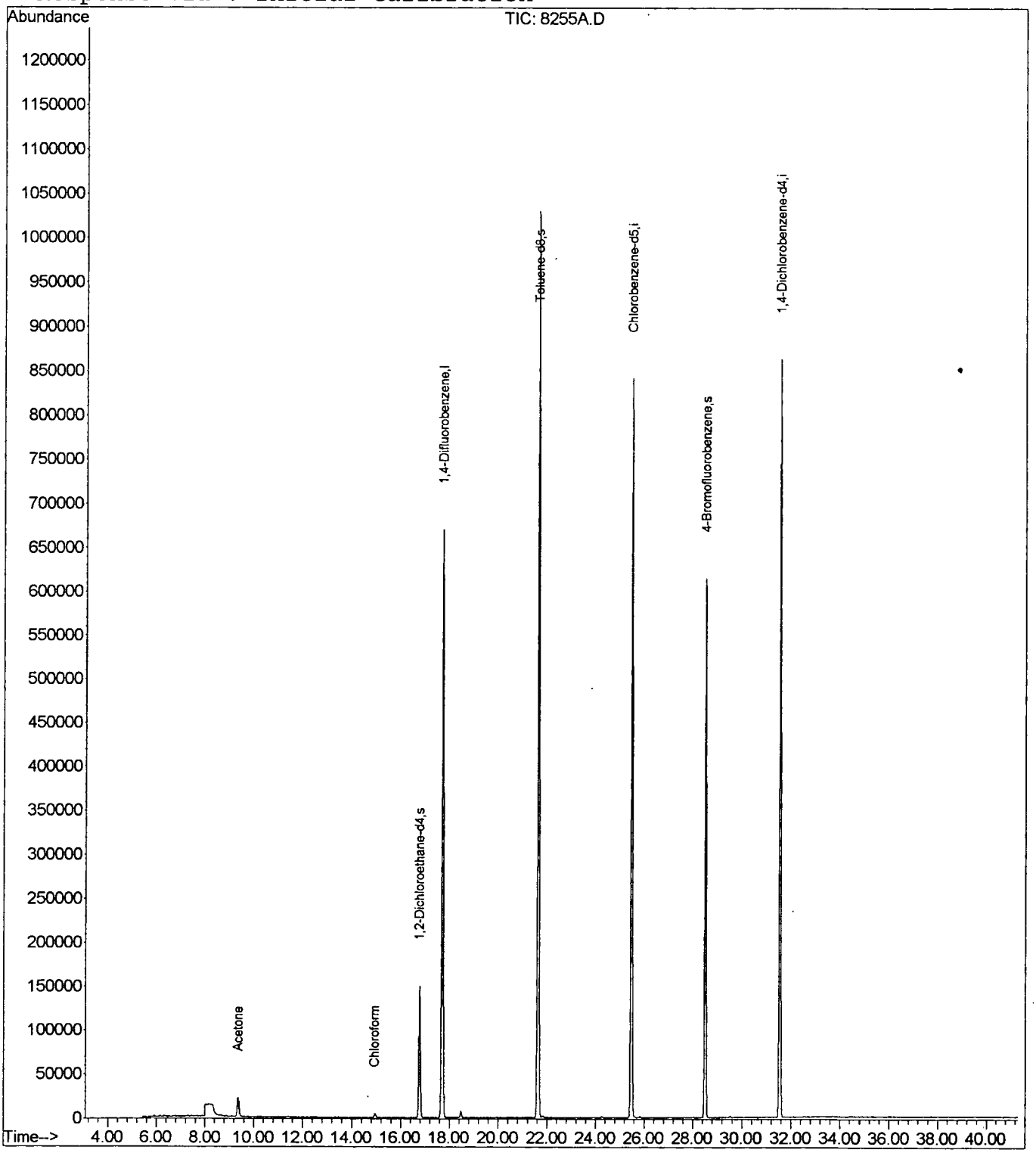
0.64 in previous inj

(#) = qualifier out of range (m) = manual integration
8255A.D W032602.M Tue Apr 16 18:59:18 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8255A.D Vial: 6
Acq On : 16 Apr 2002 6:17 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 18:59 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR16\8255A.D Vial: 6
Acq On : 16 Apr 2002 6:17 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p

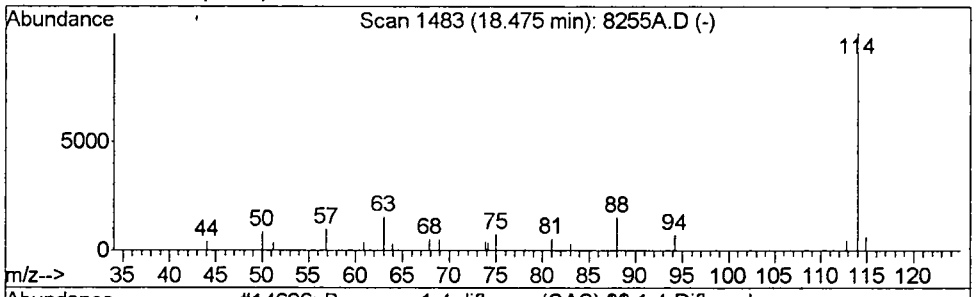
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

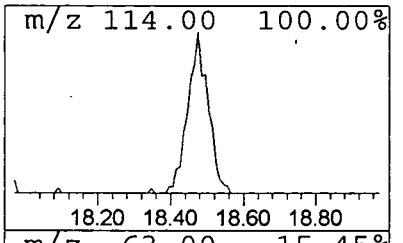
****

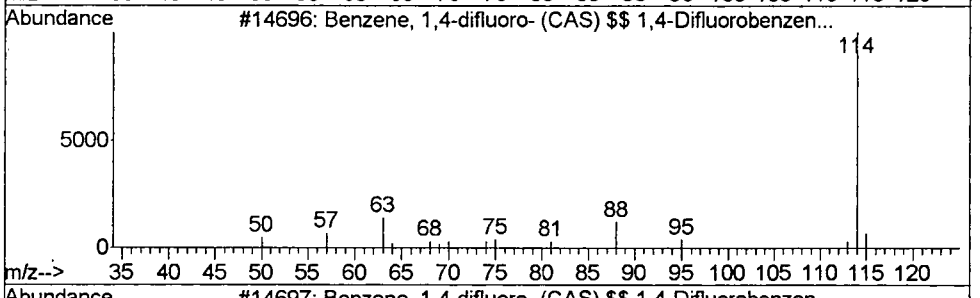
Peak Number 1 Benzene, 1,4-difluoro- (CAS... Concentration Rank 1

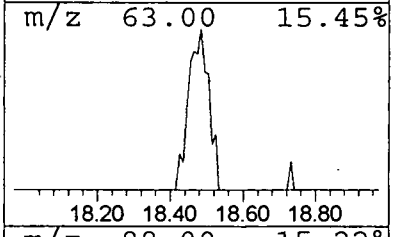
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	31329	1,4-Difluorobenzene	17.71

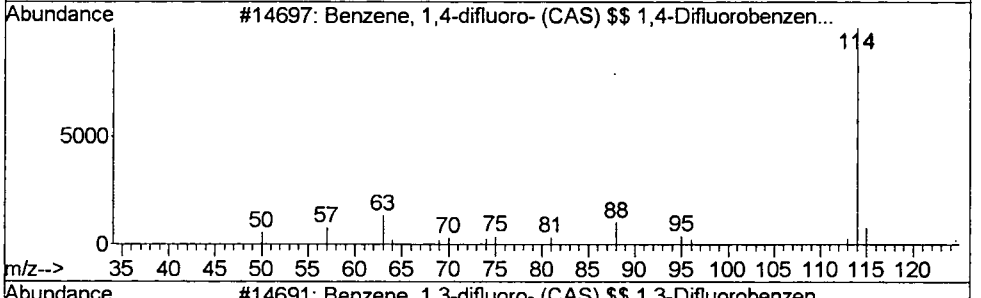
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	87
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80
3	Benzene, 1,3-difluoro- (CAS) $$ ...	114	C6H4F2	000372-18-9	70
4	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	70

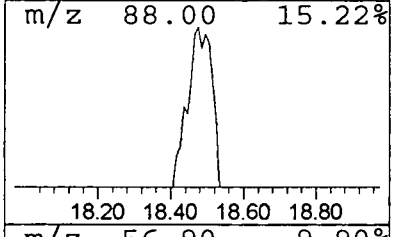


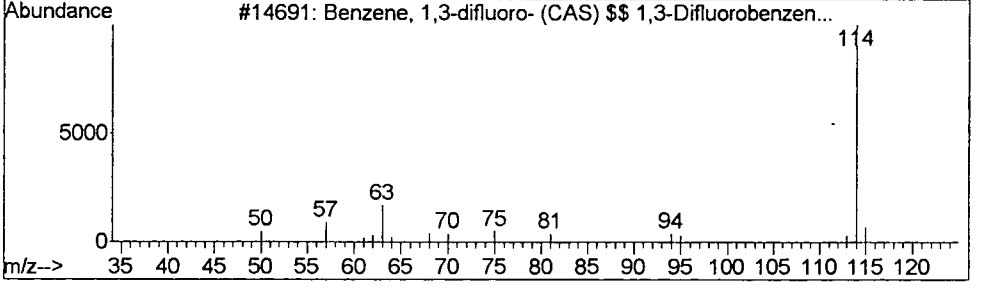


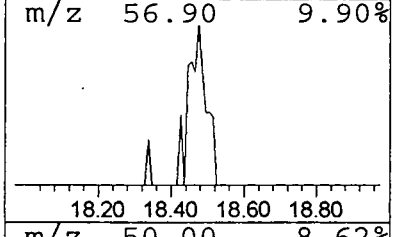


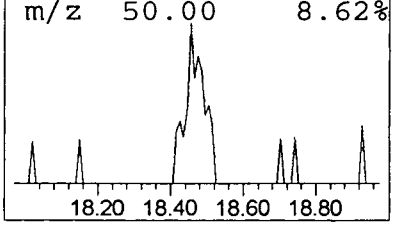












Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR05\8255.D Vial: 8
Acq On : 6 Apr 2002 12:09 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:51 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1160819	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.74	117	1015259	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	469898	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	551023	5.76	ug/L	0.03
Spiked Amount 5.000			Recovery =	115.20%		
3) 4-BROMOFLUOROBENZENE	24.33	174	404404	4.31	ug/L	0.03
Spiked Amount 5.000			Recovery =	86.20%		
25) TOLUENE-D8	18.44	98	1330039	5.41	ug/L	0.03
Spiked Amount 5.000			Recovery =	108.20%		
Target Compounds						Qvalue
12) ACETONE	8.24	43	5046	0.64	ug/L	53
46) 2-HEXANONE	19.20	43	700	0.06	ug/L	27

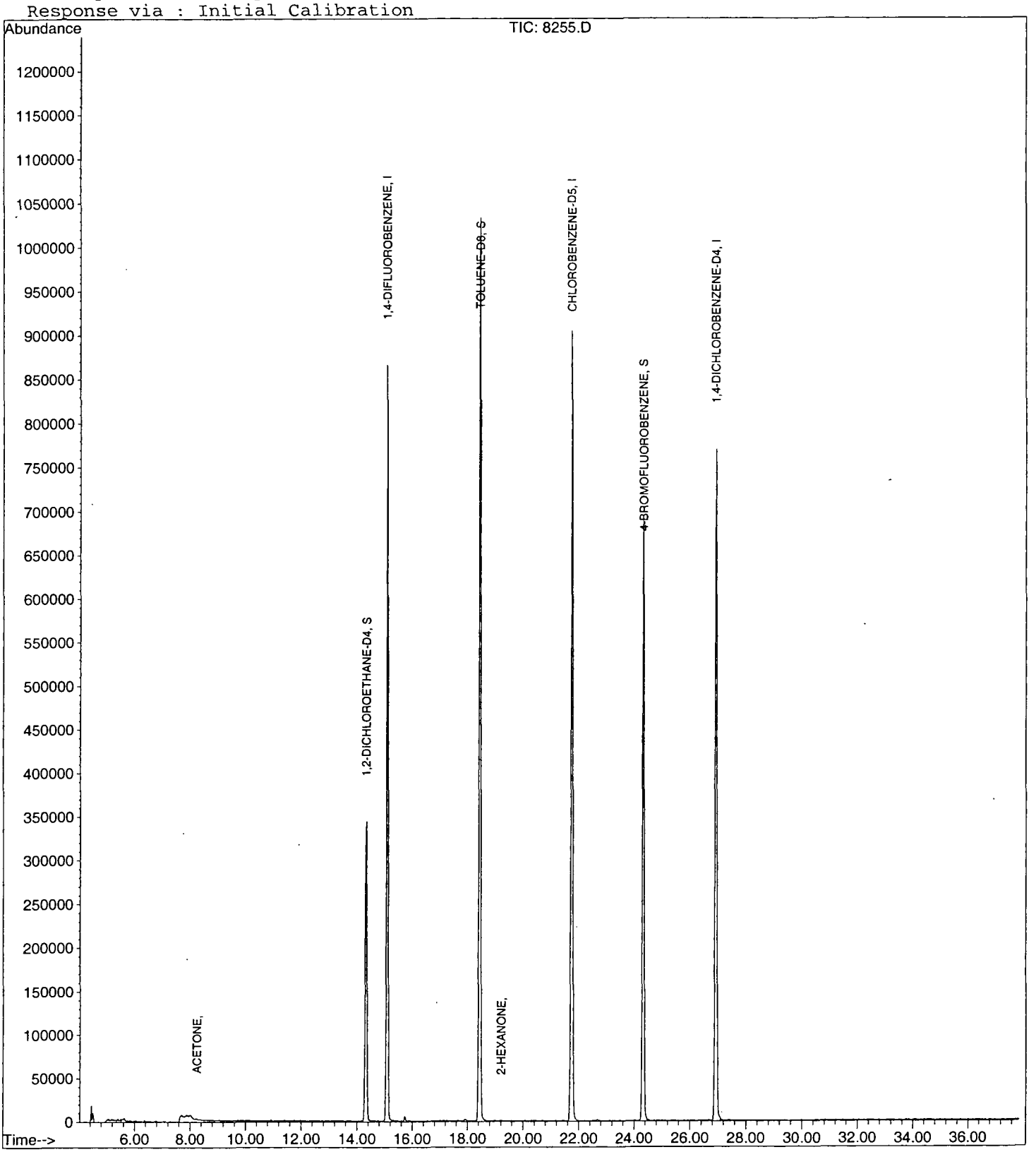
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR05\8255.D
Acq On : 6 Apr 2002 12:09 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:51 2002

Vial: 8
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR05\8255.D Vial: 8
Acq On : 6 Apr 2002 12:09 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

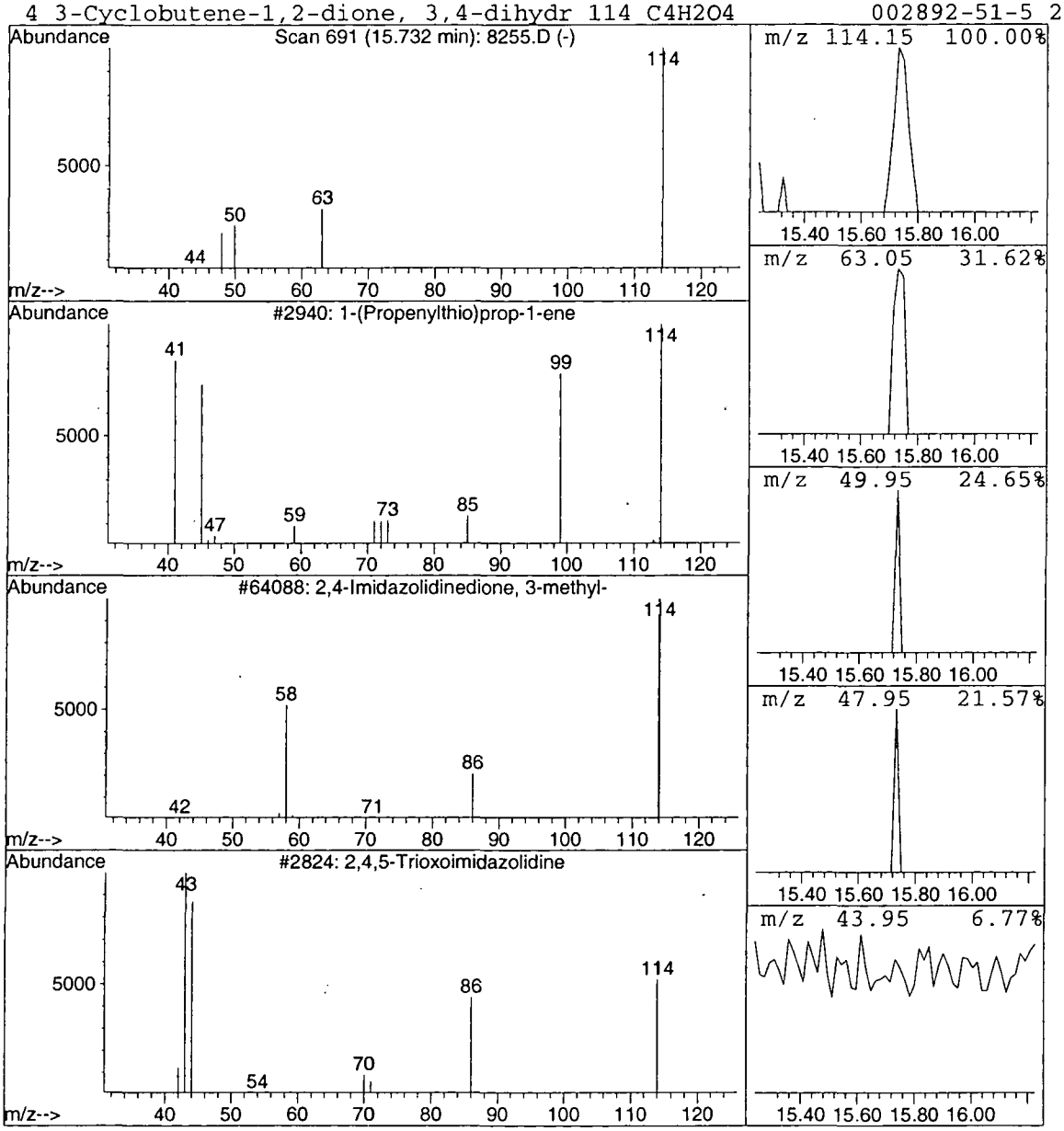
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	17221	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:21:24

Sample: AE08256
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 19:04 Ended: 4/16/02 19:04 Analyst: BH
Result source: a:\8256a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		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		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.3		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
DATE 4/18/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:21:24

Sample: AE08256
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 19:04 Ended: 4/16/02 19:04 Analyst: BH
Result source: a:\8256a.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8256A.D Vial: 7
Acq On : 16 Apr 2002 7:04 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 19:45:45 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1238013	5.00	ug/L	0.01
27) Chlorobenzene-d5	25.47	117	1102968	5.00	ug/L	0.01
51) 1,4-Dichlorobenzene-d4	31.54	150	837680	5.00	ug/L	0.01
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	233569	4.95	ug/L	0.02
Spiked Amount 5.000			Recovery = 99.00%			
17) Toluene-d8	21.62	98	1640079	5.26	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.20%			
54) 4-Bromofluorobenzene	28.51	95	508732	5.28	ug/L	0.01
Spiked Amount 5.000			Recovery = 105.60%			
Target Compounds						Qvalue
11) Acetone 1a	9.37	43	58699	19.81	ug/L	100
18) 2-Butanone (MEK)	14.00	43	712	Below Cal	#	50
21) Chloroform	14.96	83	5665	0.09	ug/L	95
34) Methyl iso-butyl ketone	20.54	43	136	Below Cal	#	45
38) 2-Hexanone	22.57	43	130	Below Cal	#	34

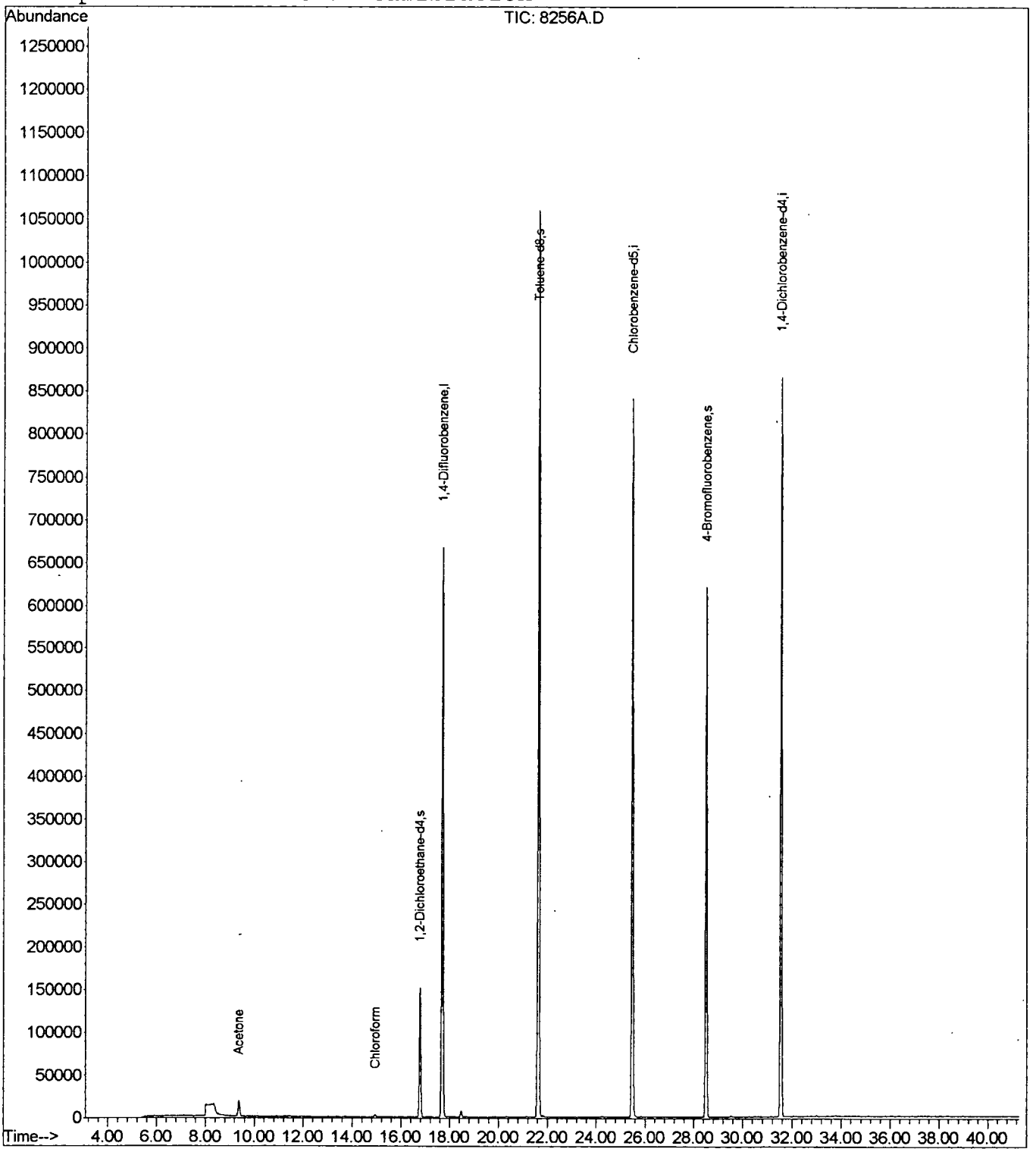
0.14 in prev inj

(#) = qualifier out of range (m) = manual integration
8256A.D W032602.M Tue Apr 16 19:45:46 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8256A.D Vial: 7
Acq On : 16 Apr 2002 7:04 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 19:45 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR16\8256A.D Vial: 7
Acq On : 16 Apr 2002 7:04 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p

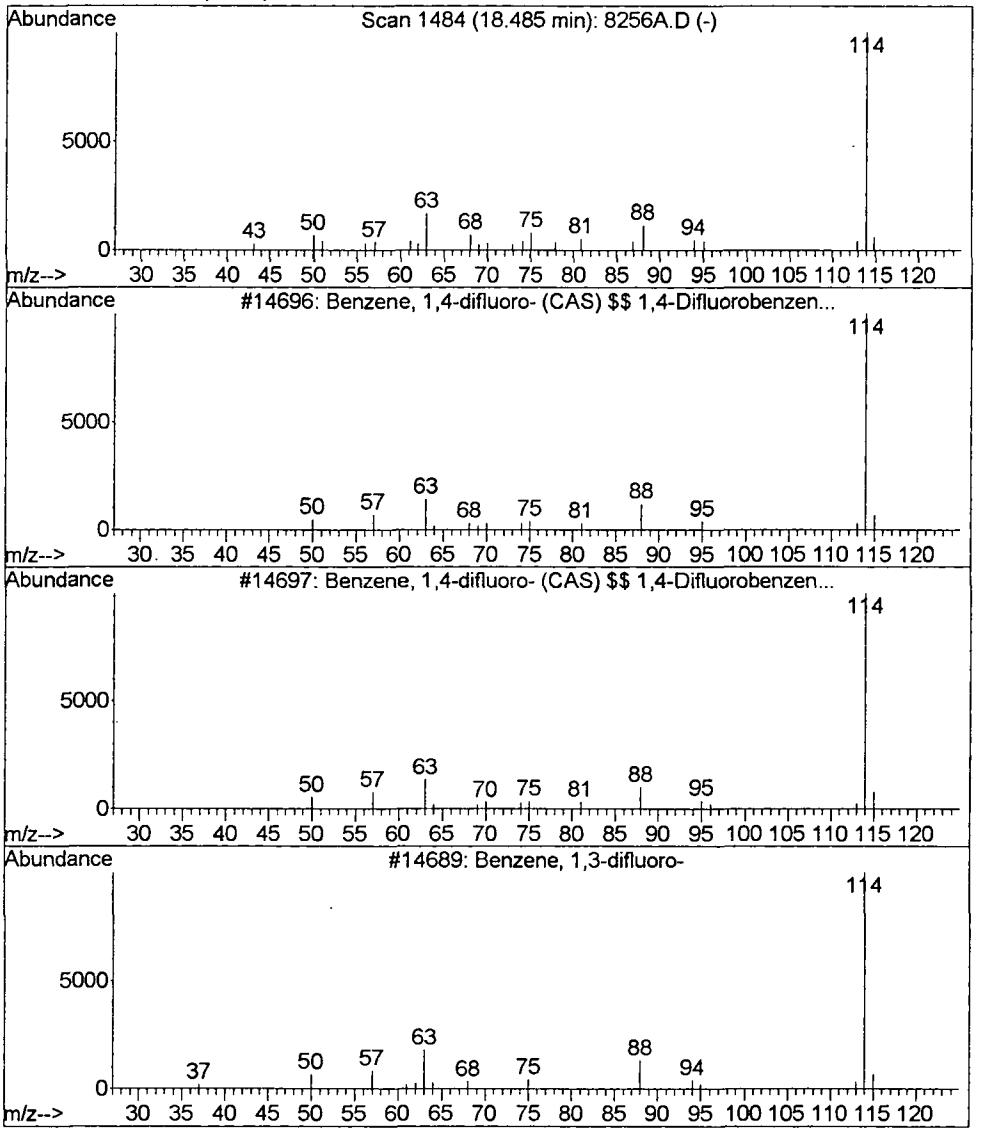
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

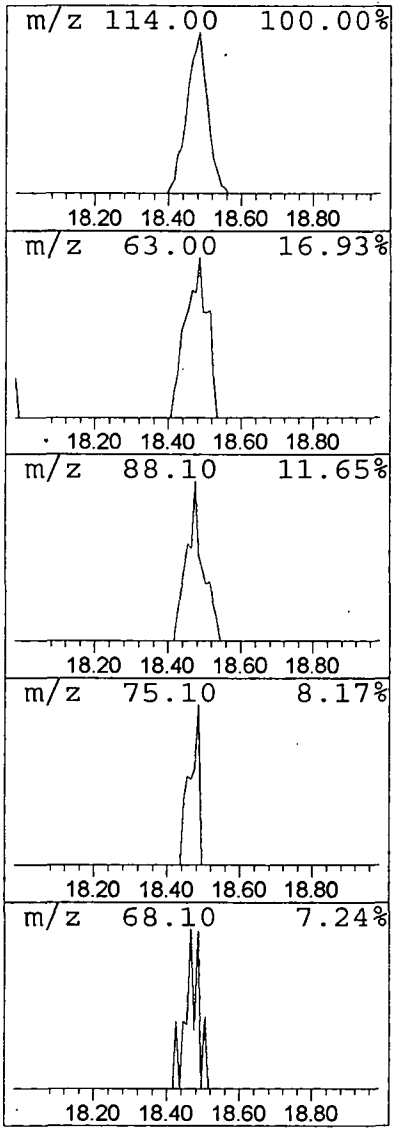
****

Peak Number 1 Benzene, 1,4-difluoro- (CAS... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	0.06 ug/L	30811	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	83
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	74
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	72





Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR05\8256.D Vial: 9
Acq On : 6 Apr 2002 12:54 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:53 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

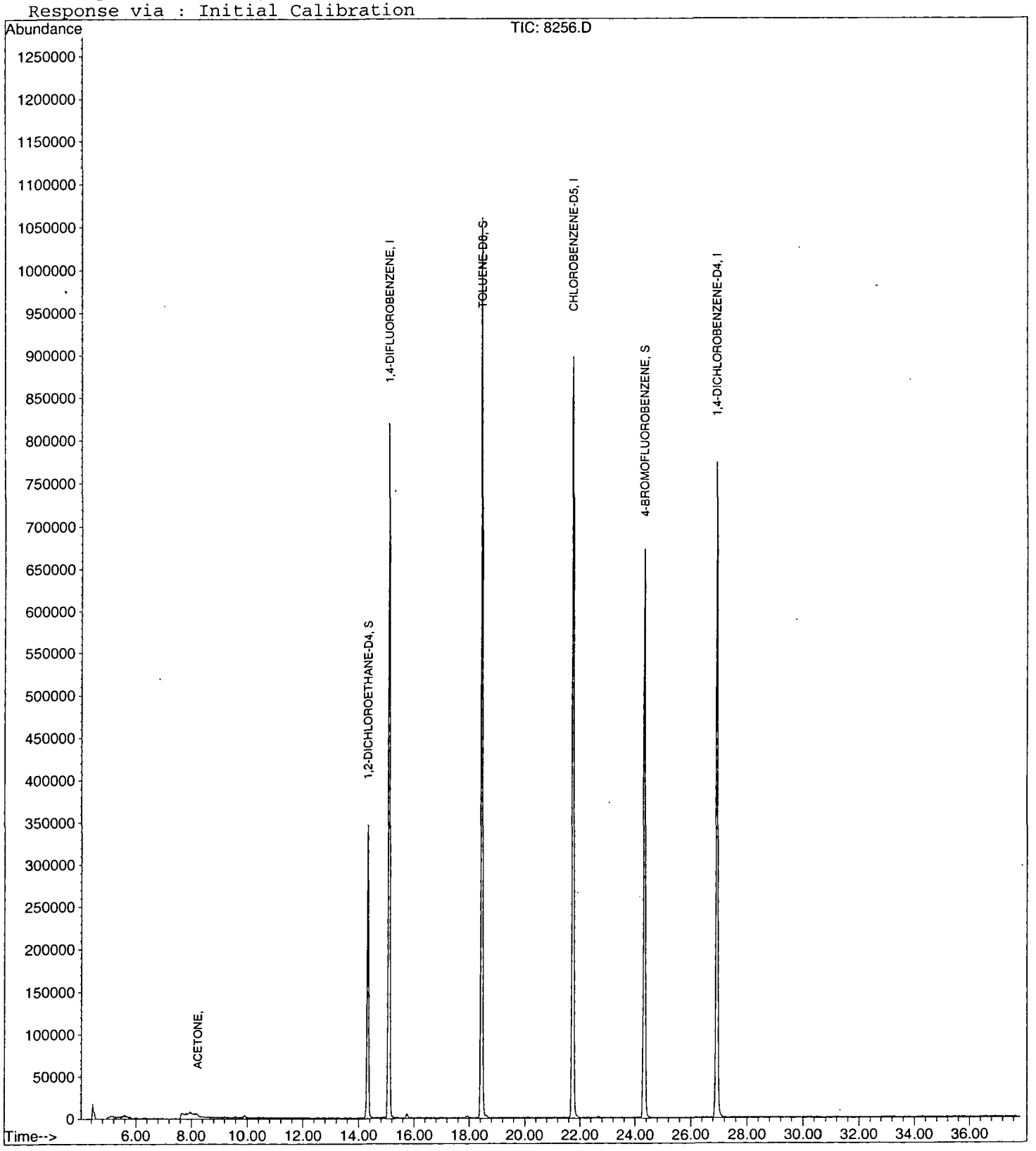
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.09	114	1132253	5.00	ug/L	0.04
24) CHLOROBENZENE-D5	21.74	117	1011491	5.00	ug/L	0.04
52) 1,4-DICHLOROBENZENE-D4	26.92	152	463682	5.00	ug/L	0.04
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.32	65	555059	5.95	ug/L	0.04
Spiked Amount 5.000			Recovery =	119.00%		
3) 4-BROMOFLUOROBENZENE	24.33	174	406976	4.45	ug/L	0.04
Spiked Amount 5.000			Recovery =	89.00%		
25) TOLUENE-D8	18.44	98	1329907	5.43	ug/L	0.04
Spiked Amount 5.000			Recovery =	108.60%		
Target Compounds						Qvalue
12) ACETONE	8.22	43	5686	0.74	ug/L	53

(#) = qualifier out of range (m) = manual integration
8256.D HP031802.M Mon Apr 08 10:53:15 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR05\8256.D Vial: 9
Acq On : 6 Apr 2002 12:54 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:53 2002 Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR05\8256.D Vial: 9
Acq On : 6 Apr 2002 12:54 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

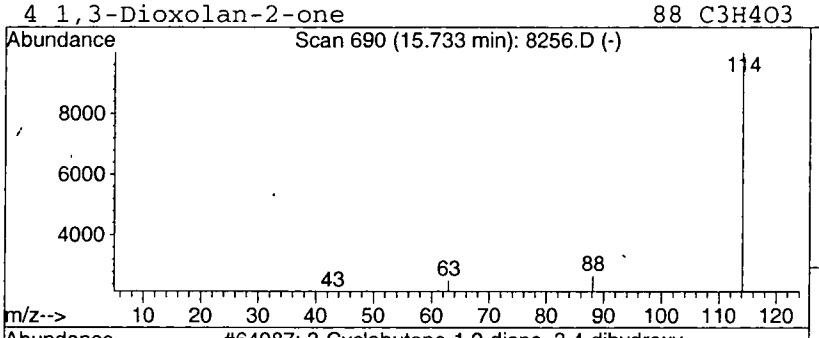
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

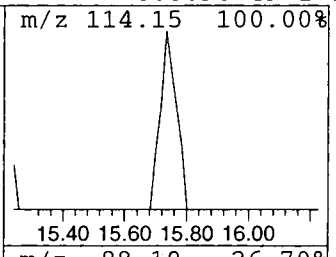
****

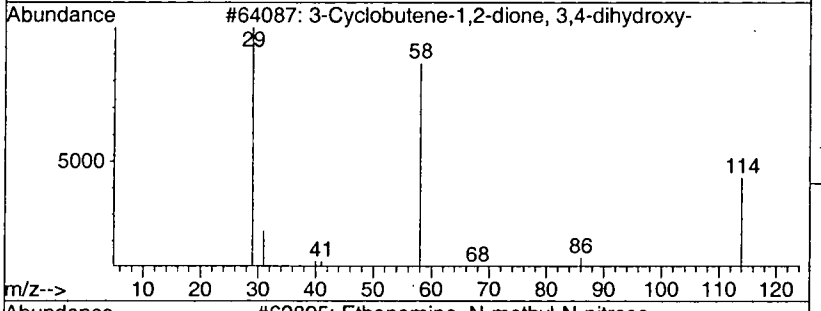
Peak Number 1 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 1

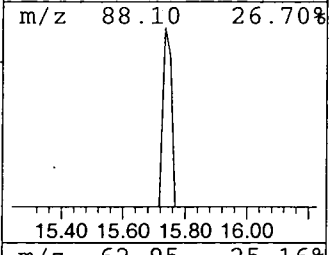
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	0.03 ug/L	19096	1,4-DIFLUOROBENZENE	15.09

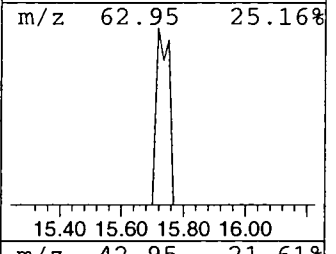
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	3
2	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
3	Tetramethylhydrazine	88	C4H12N2	006415-12-9	3
4	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	3

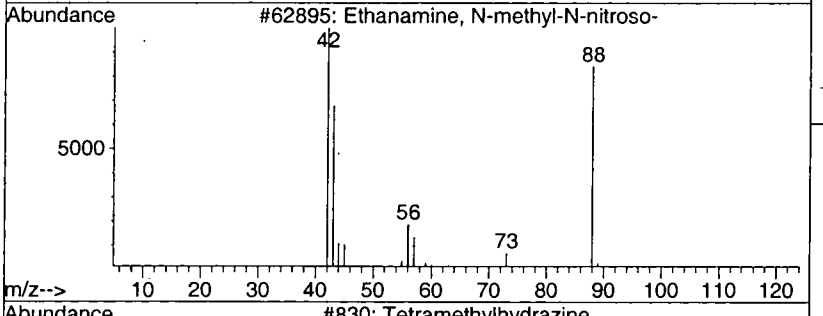


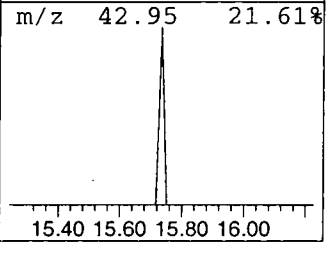


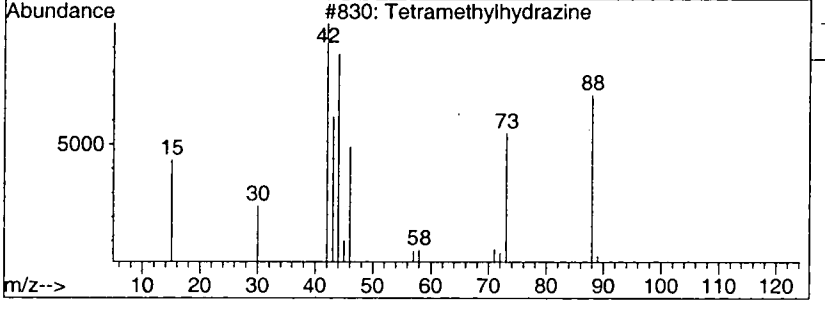












User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:21:36

Sample: AE08257
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 19:50 Ended: 4/16/02 19:50 Analyst: BH
Result source: a:\8257a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		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		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY _____
DATE 4/18/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:21:36

Sample: AE08257
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 4/16/02 19:50 Ended: 4/16/02 19:50 Analyst: BH
Result source: a:\8257a.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8257A.D Vial: 8
Acq On : 16 Apr 2002 7:50 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 20:32:18 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1248265	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1107373	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	831474	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	235394	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.00%		
17) Toluene-d8	21.62	98	1641671	5.22	ug/L	0.00
Spiked Amount 5.000			Recovery =	104.40%		
54) 4-Bromofluorobenzene	28.51	95	510017	5.33	ug/L	0.00
Spiked Amount 5.000			Recovery =	106.60%		
Target Compounds						Qvalue
11) Acetone	9.36	43	36064	10.49	ug/L	96
18) 2-Butanone (MEK)	14.02	43	351	Below Cal		86
21) Chloroform	14.95	83	4843	0.08	ug/L	97
34) Methyl iso-butyl ketone	20.04	43	62	Below Cal	#	45
38) 2-Hexanone	22.50	43	130	Below Cal	#	34

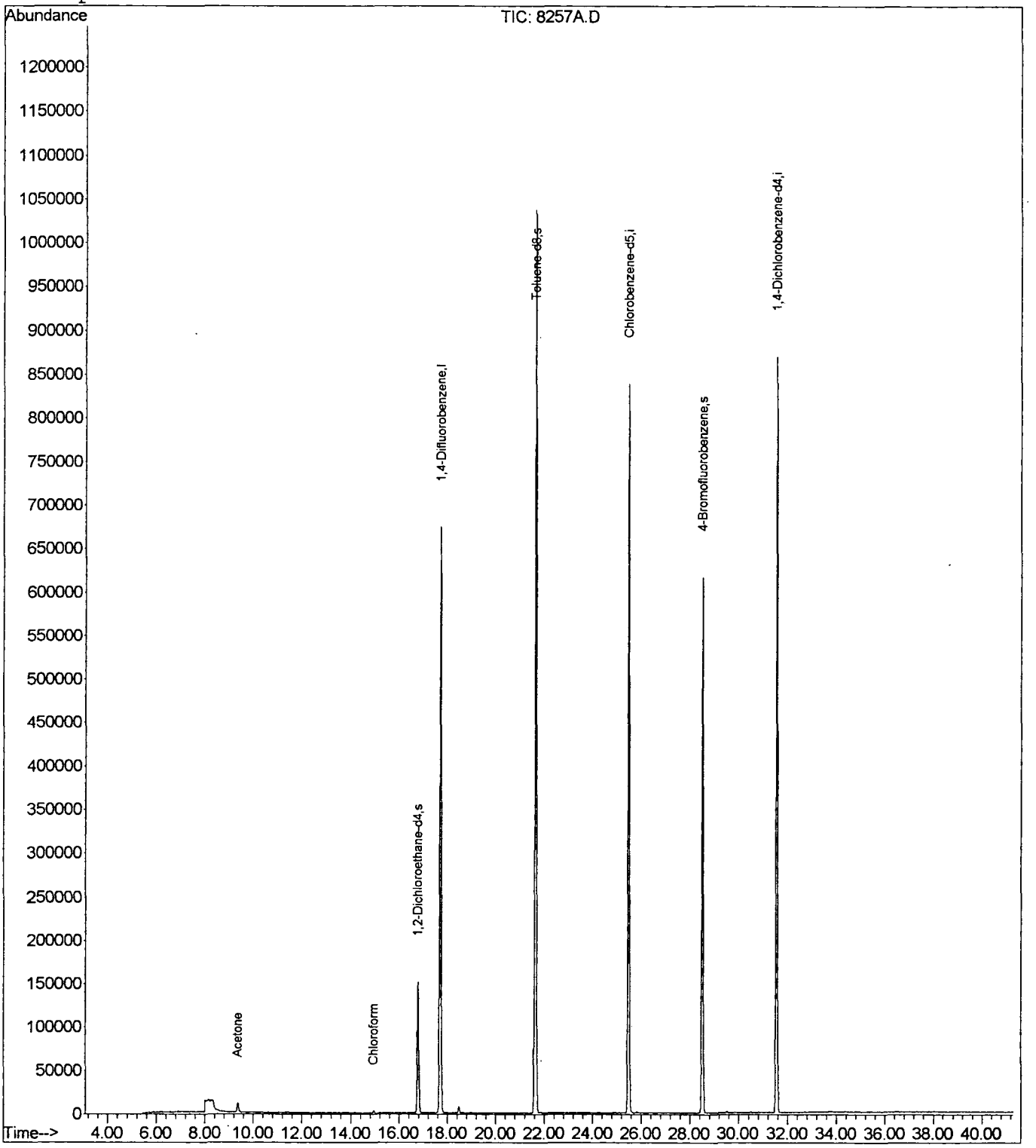
1.3 in previous

(#) = qualifier out of range (m) = manual integration
8257A.D W032602.M Tue Apr 16 20:32:19 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02apr16\8257A.D Vial: 8
Acq On : 16 Apr 2002 7:50 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 16 20:32 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Fri Apr 12 10:26:48 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02APR16\8257A.D Vial: 8
Acq On : 16 Apr 2002 7:50 pm Operator:
Sample : nyc reinj. Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p

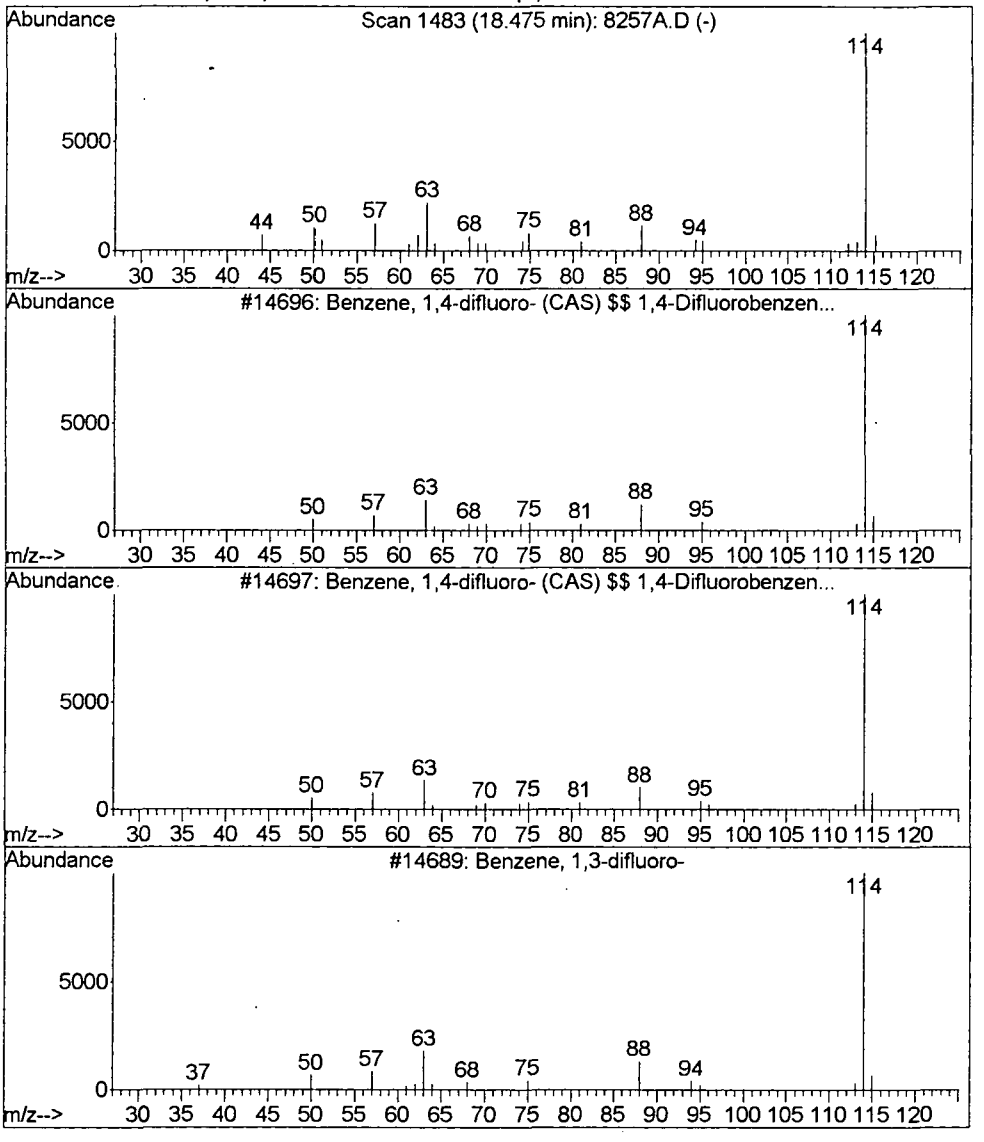
Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

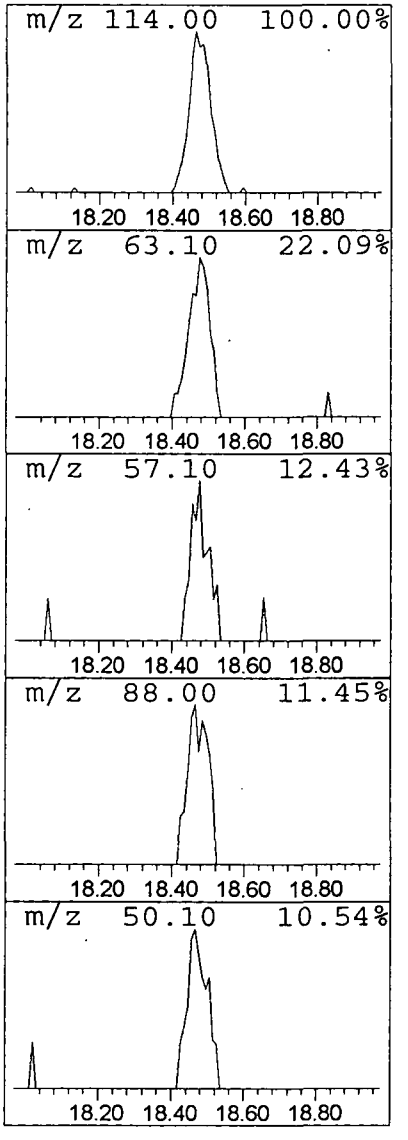
****

Peak Number 1 Benzene, 1,4-difluoro- (CAS... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	30716	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	93
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	90
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	70
4	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	64





Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\02APR05\8257.D Vial: 10
Acq On : 6 Apr 2002 1:41 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:54 2002 Quant Results File: HP031802.RES

Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration
DataAcq Meth : HP031802

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	15.07	114	1243576	5.00	ug/L	0.02
24) CHLOROBENZENE-D5	21.74	117	1106934	5.00	ug/L	0.03
52) 1,4-DICHLOROBENZENE-D4	26.92	152	521456	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	14.30	65	605007	5.90	ug/L	0.02
Spiked Amount 5.000			Recovery = 118.00%			
3) 4-BROMOFLUOROBENZENE	24.33	174	451190	4.49	ug/L	0.03
Spiked Amount 5.000			Recovery = 89.80%			
25) TOLUENE-D8	18.44	98	1445139	5.39	ug/L	0.03
Spiked Amount 5.000			Recovery = 107.80%			
Target Compounds						Qvalue
12) ACETONE	8.24	43	11013	1.31	ug/L	86

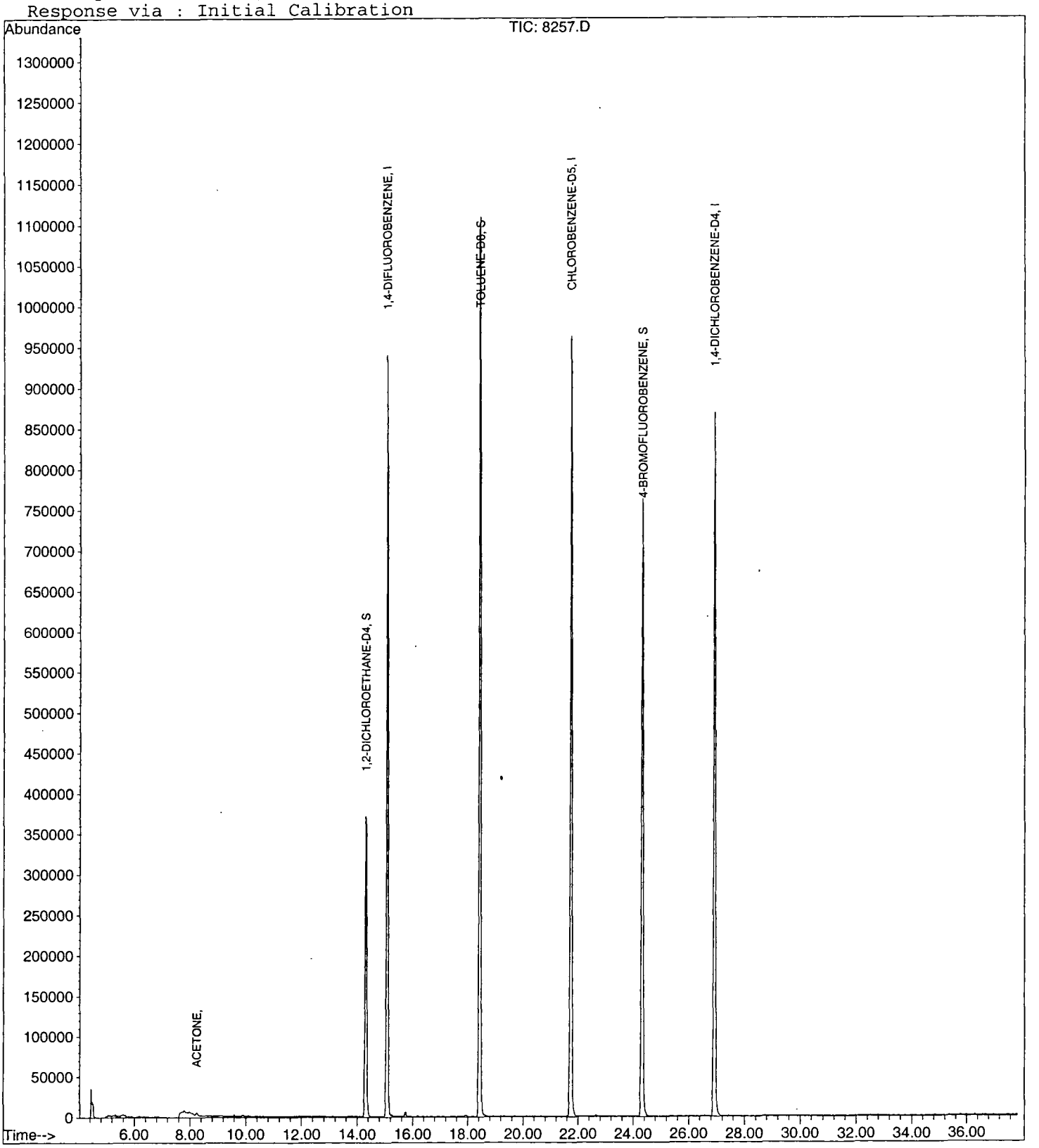
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\02APR05\8257.D
Acq On : 6 Apr 2002 1:41 am
Sample : nyc
Misc :
MS Integration Params: RTEINT.P
Quant Time: Apr 8 10:54 2002

Vial: 10
Operator: 201-wb
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: HP031802.RES

Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Apr 05 14:04:41 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\02APR05\8257.D Vial: 10
Acq On : 6 Apr 2002 1:41 am Operator: 201-wb
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

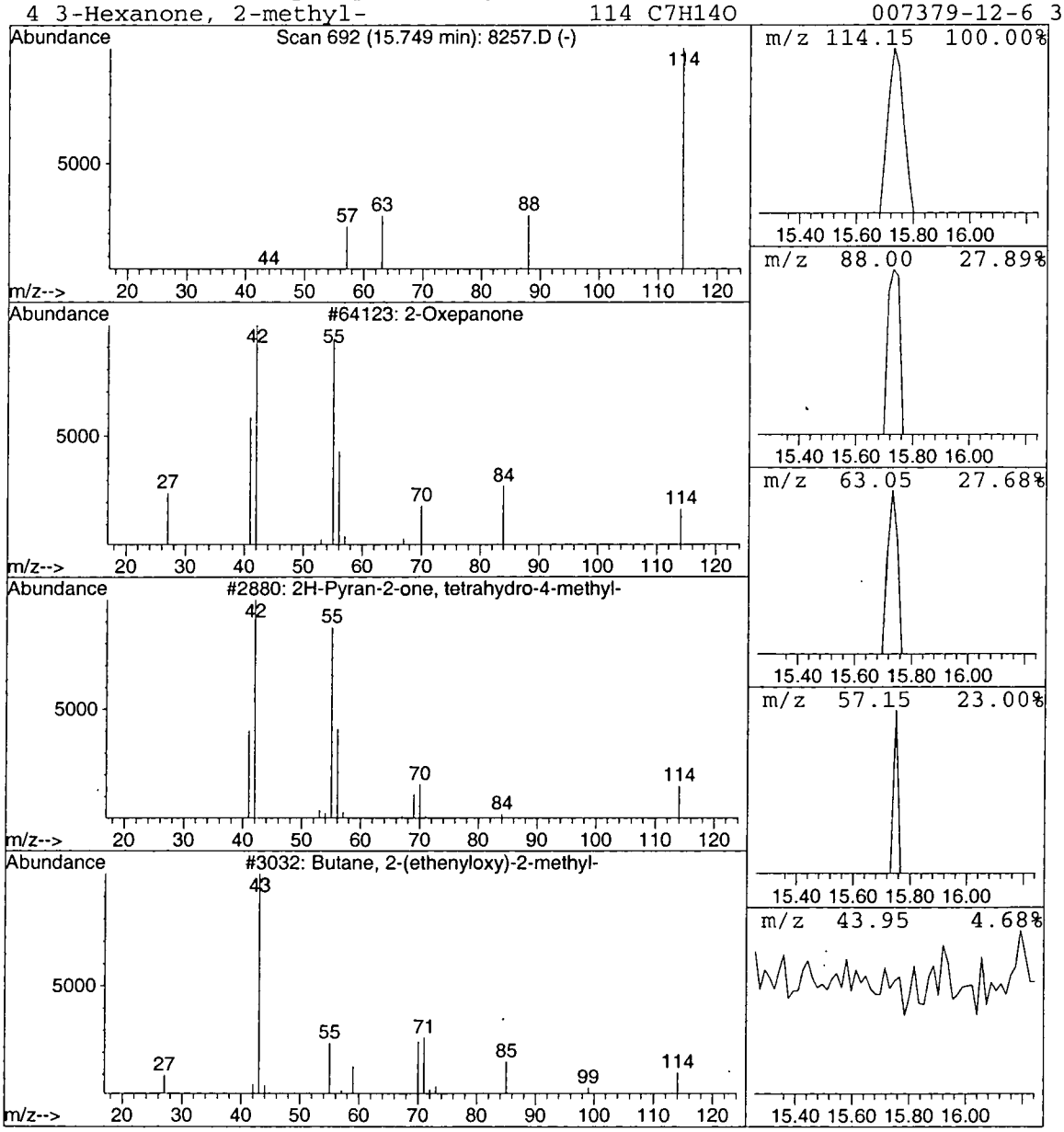
Quant Method : C:\HPCHEM\1\METHODS\HP031802.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Oxepanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	0.03 ug/L	19449	1,4-DIFLUOROBENZENE	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxepanone	114	C6H10O2	000502-44-3	3
2	2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
3	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:20:07

Sample: AE08251
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/16/02 20:37 Ended: 4/16/02 20:37 Analyst: BH
Result source: a:\0416c10b.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.7		.5
3	[illegible]	[illegible]	[illegible]		[illegible]
4	Chloromethane		7.5		.5
5	Vinyl chloride		9.2		.5
6	Bromomethane		7.2		.5
7	Chloroethane		8.5		.5
8	Trichlorofluoromethane		8.2		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether (MTBE)		8.1		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		38		2.0
15	2,2-dichloropropane		9.2		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		10		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		5.3		.5
21	1,1,1- trichloroethane		10		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		9.6		.5
24	Benzene		10		.5
25	Trichloroethene		9.8		.5
26	1,2-dichloropropane		9.6		.5
27	Dibromomethane		9.6		.5
28	Bromodichloromethane		9.0		.5
29	Methyl iso-butyl ketone		35		1.0
30	cis-1,3-dichloropropene		8.6		.5
31	Toluene		10		.5
32	trans-1,3-dichloropropene		8.3		.5
33	1,1,2-trichloroethane		9.5		.5
34	Tetrachloroethene		9.5		.5
35	1,3-dichloropropane		9.3		.5
36	Dibromochloromethane		8.3		2.0
37	Chlorobenzene		10		.5
38	1,1,1,2-tetrachloroethane		8.8		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		21		.5
41	O-xylene		10		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		9.0		.5
44	Bromoform		7.3		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		8.9		.5
47	N-propylbenzene		9.8		.5
48	Bromobenzene		9.4		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 13:20:07

Sample: AE08251
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 4/16/02 20:37 Ended: 4/16/02 20:37 Analyst: BH
Result source: a:\0416c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		9.5		.5
50	2-chlorotoluene		9.5		.5
51	4-chlorotoluene		9.6		.5
52	TERT-butylbenzene		9.5		.5
53	1,2,4-trimethylbenzene		9.4		.5
54	SEC-butylbenzene		9.8		.5
55	P-isopropyltoluene		9.6		.5
56	1,3-dichlorobenzene		9.2		.5
57	1,4-dichlorobenzene		9.1		.5
58	N-butylbenzene		9.8		.5
59	1,2-dichlorobenzene		9.0		.5
60	1,2,4-trichlorobenzene		7.9		.5
61	Hexachlobutadiene		8.8		.5
62	Naphthalene		7.0		.5
63	1,2,3-trichlorobenzene		7.6		.5
64	Nitrobenzene	LSPEC	140		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR16\0416C10B.D Vial: 3
Acq On : 16 Apr 2002 8:37 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 11:49:13 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 11:48:41 2002
Response via : Initial Calibration
DataAcq Meth : W032602

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1269997	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1141165	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1034836	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	239508	4.95	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.00%			
17) Toluene-d8	21.62	98	1692133	5.29	ug/L	0.00
Spiked Amount 5.000			Recovery = 105.80%			
54) 4-Bromofluorobenzene	28.51	95	556544	4.67	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.40%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	213862	5.91	ug/L	98
4) Chloromethane	5.92	50	386405	7.50	ug/L	100
5) Vinyl Chloride	6.18	62	409478	8.07	ug/L	99
6) Bromomethane	7.29	94	204080	7.21	ug/L	98
7) Chloroethane	7.45	64	254765	8.50	ug/L	100
8) Trichlorofluoromethane	8.13	101	495457	8.23	ug/L	99
11) Acetone	9.36	43	111818	34.83	ug/L	99
12) 1,1-Dichloroethene	9.79	61	589020	10.52	ug/L	99
13) Methylene Chloride	11.04	49	436887	10.54	ug/L	97
14) Methyl tert-butyl ether	11.41	73	459817	8.06	ug/L	99
15) trans-1,2-Dichloroethene	11.85	61	622971	10.58	ug/L	99
16) 1,1-Dichloroethane	12.95	63	750401	10.53	ug/L	99
18) 2-Butanone (MEK)	13.98	43	183960	37.73	ug/L	99
19) 2,2-Dichloropropane	14.43	77	586416	9.24	ug/L	90
20) cis-1,2-Dichloroethene	14.55	61	556492	10.23	ug/L	98
21) Chloroform	14.95	83	657139	10.46	ug/L	99
22) Bromochloromethane	15.41	49	229437	10.50	ug/L	95
23) 1,1,1-Trichloroethane	16.01	97	639121	10.12	ug/L	97
24) 1,1-Dichloropropene	16.40	75	616238	10.29	ug/L	98
25) Carbon Tetrachloride	16.69	117	515871	9.60	ug/L	97
26) 1,2-Dichloroethane	17.01	62	315182	10.02	ug/L	100
28) Benzene	17.11	78	1877331	10.09	ug/L	99
29) Trichloroethene	18.62	95	455568	9.82	ug/L	97
30) 1,2-Dichloropropane	19.06	63	366756	9.61	ug/L	100
31) Bromodichloromethane	19.66	83	370705	9.01	ug/L	99
32) Dibromomethane	19.83	93	110640	9.58	ug/L	94
34) Methyl iso-butyl ketone	20.36	43	560460	35.31	ug/L	99
35) cis-1,3-Dichloropropene	20.96	75	443034	8.58	ug/L	99
36) Toluene	21.83	91	2276815	10.20	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR16\0416C10B.D Vial: 3
Acq On : 16 Apr 2002 8:37 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 11:49:13 2002 Quant Results File: W032602.RES

Quant Method : C:\MSDCHEM\1...\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 11:48:41 2002
Response via : Initial Calibration
DataAcq Meth : W032602

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
37)	trans-1,3-Dichloropropene	22.20	75	290400	8.25	ug/L	99
38)	2-Hexanone	22.54	43	320338	35.19	ug/L	97
39)	1,1,2-Trichloroethane	22.63	97	175435	9.49	ug/L	97
40)	1,3-Dichloropropane	23.26	76	330296	9.35	ug/L	98
41)	Tetrachloroethene	23.51	166	487100	9.50	ug/L	96
42)	Dibromochloromethane	24.02	129	176959	8.31	ug/L	99
43)	1,2-Dibromoethane	24.55	107	148281	9.18	ug/L	100
44)	Chlorobenzene	25.57	112	1340615	10.08	ug/L	98
45)	1,1,1,2-Tetrachloroethane	25.64	131	314960	8.83	ug/L	99
46)	Ethylbenzene	25.64	91	2784804	10.35	ug/L	97
47)	P & M-Xylene	25.83	91	4439728	20.74	ug/L	99
48)	o-Xylene	26.96	91	2076166	10.01	ug/L	100
49)	Styrene	27.04	104	1450920	10.08	ug/L	99
50)	Isopropylbenzene	27.82	105	2759040	10.22	ug/L	99
52)	Bromoform	28.00	173	75562	7.34	ug/L	100
53)	1,1,2,2-Tetrachloroethane	28.26	83	174856	9.01	ug/L	98
55)	1,2,3-Trichloropropane	28.63	75	136969	8.89	ug/L	99
56)	n-Propylbenzene	28.84	91	3572747	9.84	ug/L	99
57)	Bromobenzene	29.08	77	788367	9.40	ug/L	95
58)	1,3,5-Trimethylbenzene	29.22	105	2367524	9.46	ug/L	99
59)	2-Chlorotoluene	29.37	91	1955290	9.48	ug/L	99
60)	4-Chlorotoluene	29.47	91	1900011	9.64	ug/L	100
61)	tert-Butylbenzene	30.14	119	2175660	9.52	ug/L	99
62)	1,2,4-Trimethylbenzene	30.25	105	2413580	9.38	ug/L	100
63)	sec-Butylbenzene	30.68	105	3398216	9.78	ug/L	99
64)	p-Isopropyltoluene	31.01	119	2735016	9.62	ug/L	100
65)	1,3-Dichlorobenzene	31.37	146	1059236	9.19	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	1023846	9.07	ug/L	99
67)	n-Butylbenzene	32.05	91	2671589	9.79	ug/L	99
68)	1,2-Dichlorobenzene	32.60	146	801613	9.04	ug/L	99
69)	1,2,-Dibromo-3-chloropropa	34.65	157	24202	6.79	ug/L	99
70)	Nitrobenzene	34.92	77	69997	184.65	ug/L	95
71)	1,2,4-Trichlorobenzene	37.42	180	509664	7.94	ug/L	99
72)	Hexachlorobutadiene	37.85	225	392299	8.82	ug/L	99
73)	Naphthalene	38.40	128	590405	7.02	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	369263	7.61	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02APR16\0416C10B.D Vial: 3
Acq On : 16 Apr 2002 8:37 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 17 11:49 2002 Quant Results File: W032602.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W032602.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed Apr 17 11:48:41 2002
Response via : Initial Calibration