User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:02:21

Sample: AE11409
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/16/02 11:01 Ended: 5/16/02 11:01 Analyst: BH
Result source: a:\0516b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.1
2	Surr - 4-BROMOFLUOROBENZ		5.4
3	DICHLORODIFLUOROMETHAN		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	ACETONE		7.8
10	1,1-DICHLOROETHENE		< MRL
11	METHYLENE CHLORIDE		0.15
12	METHYL TERT BUTYL ETHER		< MRL
13	TRANS-1,2-DICHLOROETHEN		< MRL
14	1,1-DICHLOROETHANE		< MRL
15	2-BUTANONE (MEK)		0.91
16	2,2-DICHLOROPROPANE		< MRL
17	CIS,1,2-DICHLOROETHENE		< MRL
18	CHLOROFORM		< MRL
19	BROMOCHLOROMETHANE		< MRL
20	1,2-DICHLOROETHANE		< MRL
21	Surr - TOLUENE-D8		4.9
22	1,1,1-TRICHLOROETHANE		< MRL
23	1,1-DICHLOROPROPENE		< MRL
24	CARBON TETRACHLORIDE		< MRL
25	BENZENE		< MRL
26	TRICHLOROETHENE		< MRL
27	1,2-DICHLOROPROPANE		< MRL
28	DIBROMOMETHANE		< MRL
29	BROMODICHLOROMETHANE		< MRL
30	2-CHLOROETHYL VINYL ETHE		< MRL
31	MIBK		< MRL
32	CIS-1,3-DICHLOROPROPENE		< MRL
33	TOLUENE		< MRL
34	TRANS-1,3-DICHLOROPROPE		< MRL
35	1,1,2-TRICHLOROETHANE		< MRL
36	TETRACHLOROETHENE		< MRL
37	1,3-DICHLOROPROPANE		< MRL
38	DIBROMOCHLOROMETHANE		< MRL
39	1,2-DIBROMOETHANE		< MRL
40	CHLOROBENZENE		< MRL
41	1,1,1,2-TETRACHLOROETHA		< MRL
42	2-HEXANONE		< MRL
43	ETHYLBENZENE		< MRL
44	P & M-XYLENE		< MRL
45	O-XYLENE		< MRL
46	STYRENE		< MRL
47	1,1,2,2-TETRACHLOROETHA		< MRL
48	BROMOFORM		< MRL

high
lab cont

FB not spiked w/ IS.

Reviewed by, 5/8/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:02:21

Sample: AE11409
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/16/02 11:01 Ended: 5/16/02 11:01 Analyst: BH
Result source: a:\0516b1.rr
Page: 2

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516B1.D Vial: 1
Acq On : 16 May 2002 11:01 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 17 14:23:24 2002 Quant Results File: W050302.RES

Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Mon May 06 12:25:29 2002
Response via : Initial Calibration
DataAcq Meth : W042302

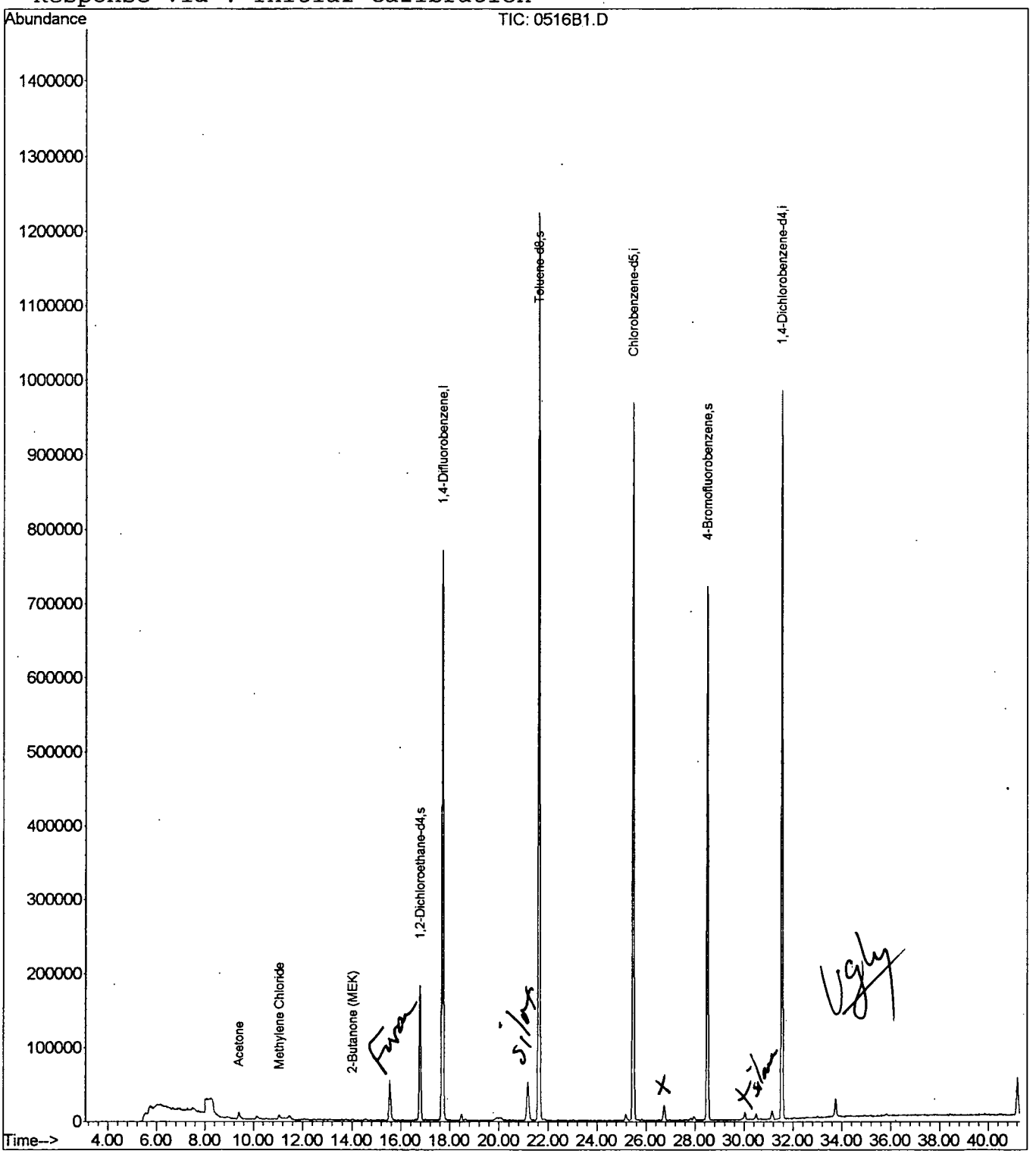
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1492830	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1303224	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	975664	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	279792	5.14	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.80%		
17) Toluene-d8	21.62	98	1966175	4.79	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.80%		
54) 4-Bromofluorobenzene	28.51	95	600083	5.19	ug/L	0.00
Spiked Amount 5.000			Recovery =	103.80%		
Target Compounds						Qvalue
11) Acetone	9.40	43	32051	7.97	ug/L	93
13) Methylene Chloride	11.05	49	7953	0.15	ug/L	94
18) 2-Butanone (MEK)	14.03	43	5137	0.93	ug/L	100

(#) = qualifier out of range (m) = manual integration
0516B1.D W050302.M Fri May 17 14:23:25 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516B1.D Vial: 1
Acq On : 16 May 2002 11:01 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 17 14:23 2002 Quant Results File: W050302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W050302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Mon May 06 12:25:29 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516B1.D Vial: 1
Acq On : 16 May 2002 11:01 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

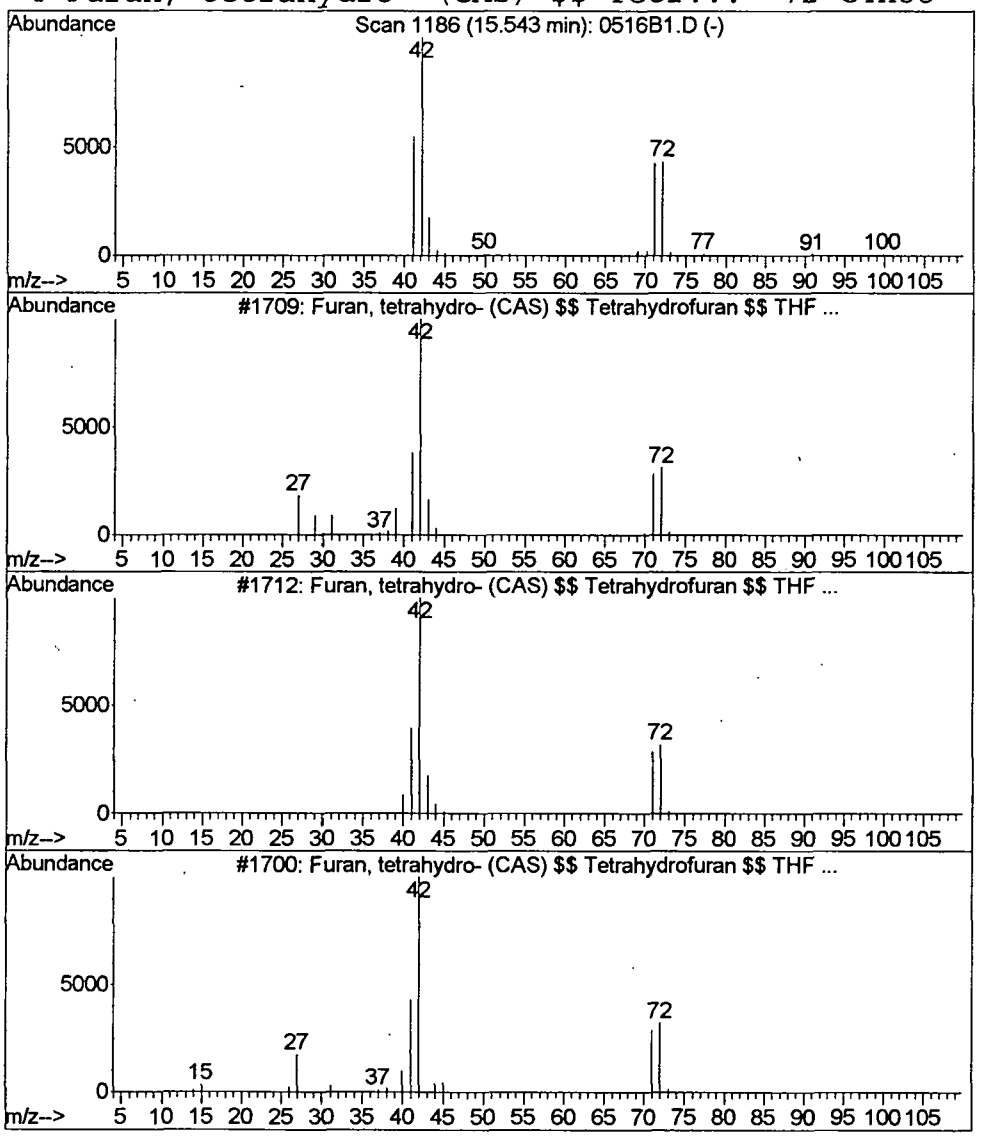
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

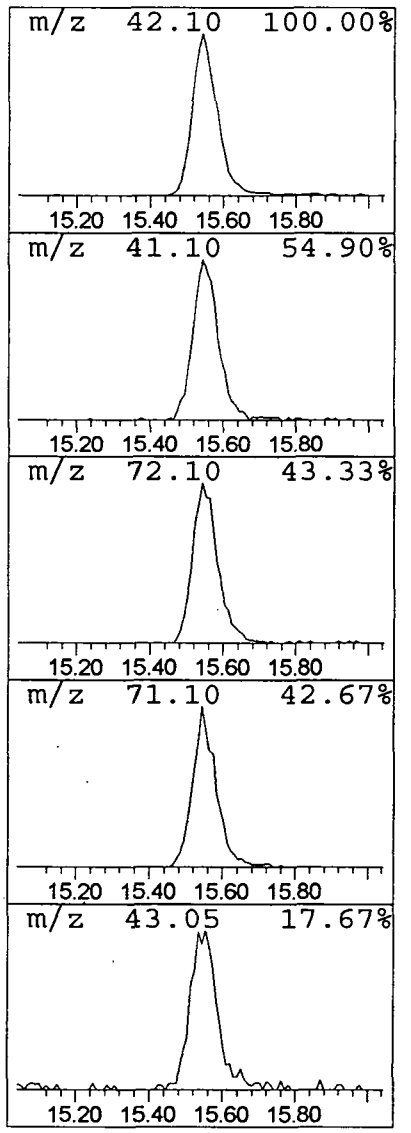
****

Peak Number 2 Furan, tetrahydro- (CAS) $$... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	0.40 ug/L	259341	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	86
2	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	83
3	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	78
4	Furan, tetrahydro- (CAS) $$ Tetr...	72	C4H8O	000109-99-9	78





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516B1.D Vial: 1
Acq On : 16 May 2002 11:01 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

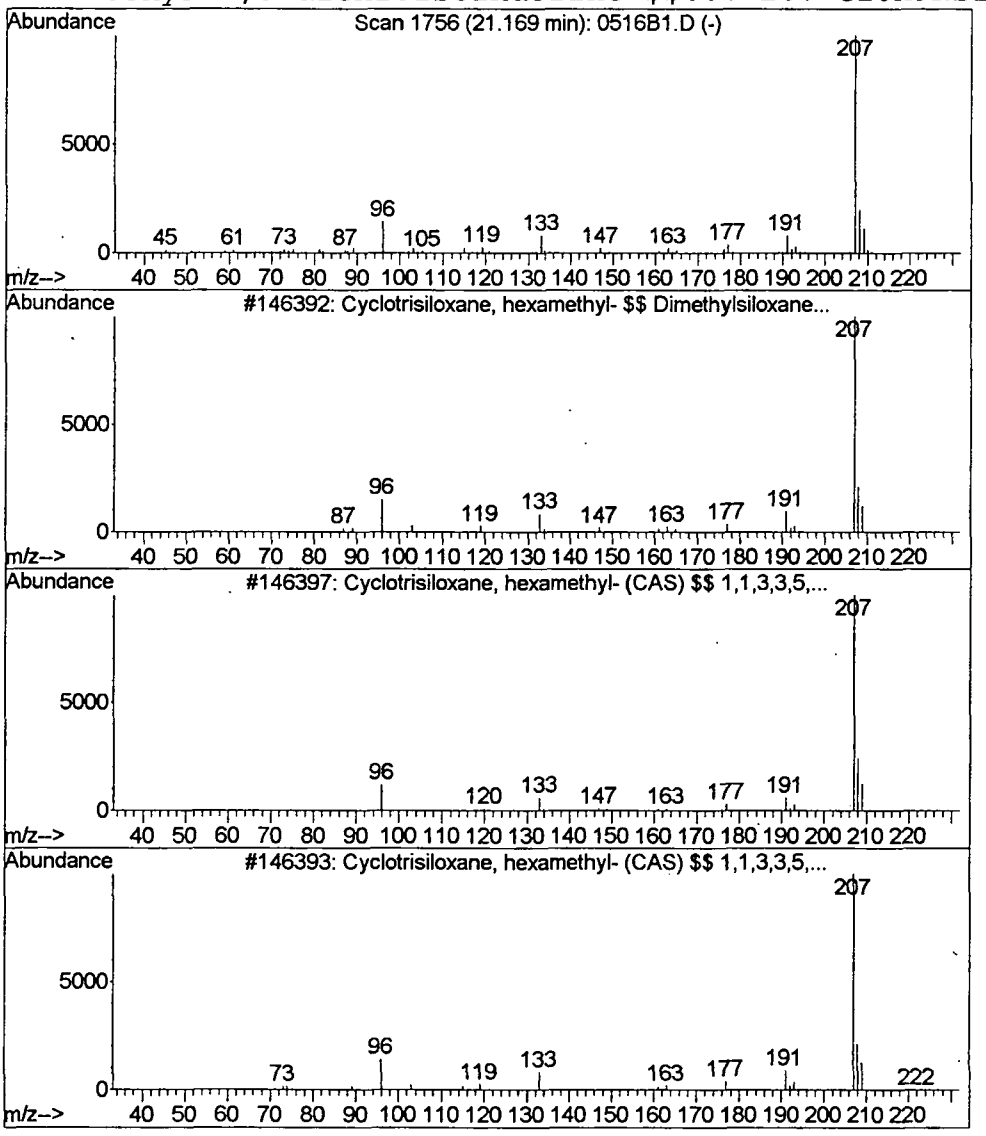
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

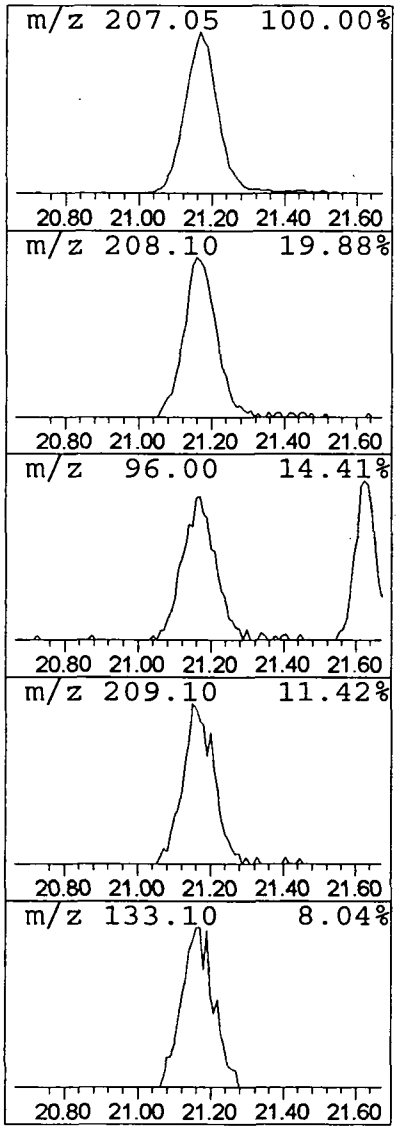
****

Peak Number 3 Cyclotrisiloxane, hexamethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	0.49 ug/L	317438	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- $$...	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	90
3	Cyclotrisiloxane, hexamethyl- (C...	222	C6H18O3Si3	000541-05-9	90
4	N-ethyl-1,3-dithioisoindoline $$...	207	C10H9NS2	035373-06-9	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516B1.D Vial: 1
Acq On : 16 May 2002 11:01 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

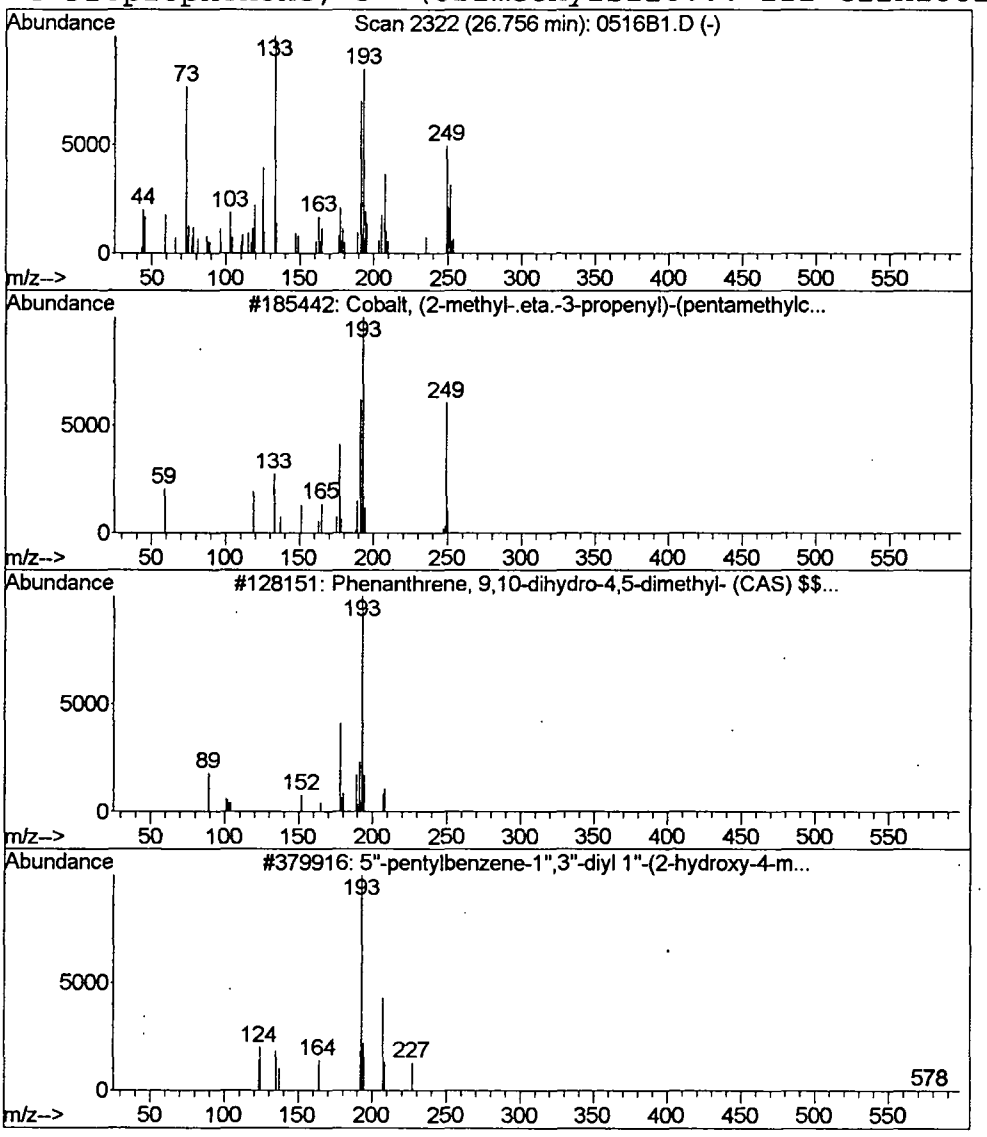
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

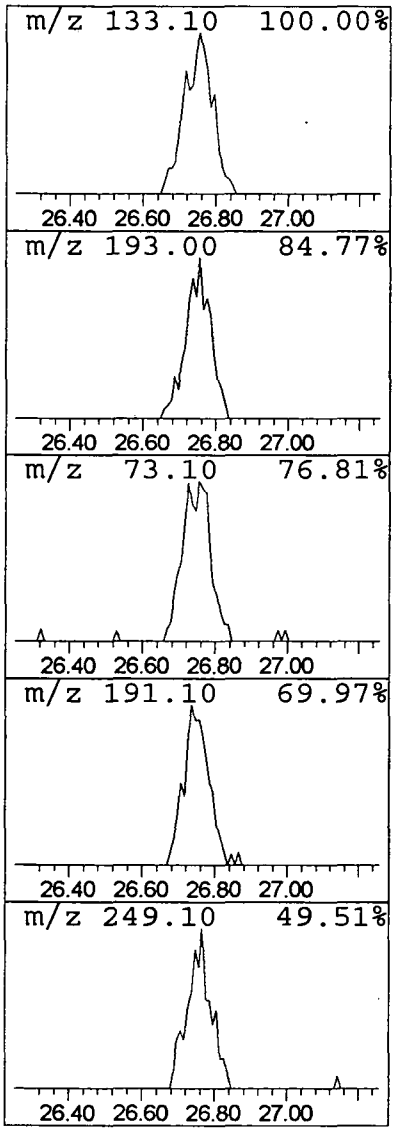
****

Peak Number 4 Cobalt, (2-methyl-.eta.-3-p... Concentration Rank 4

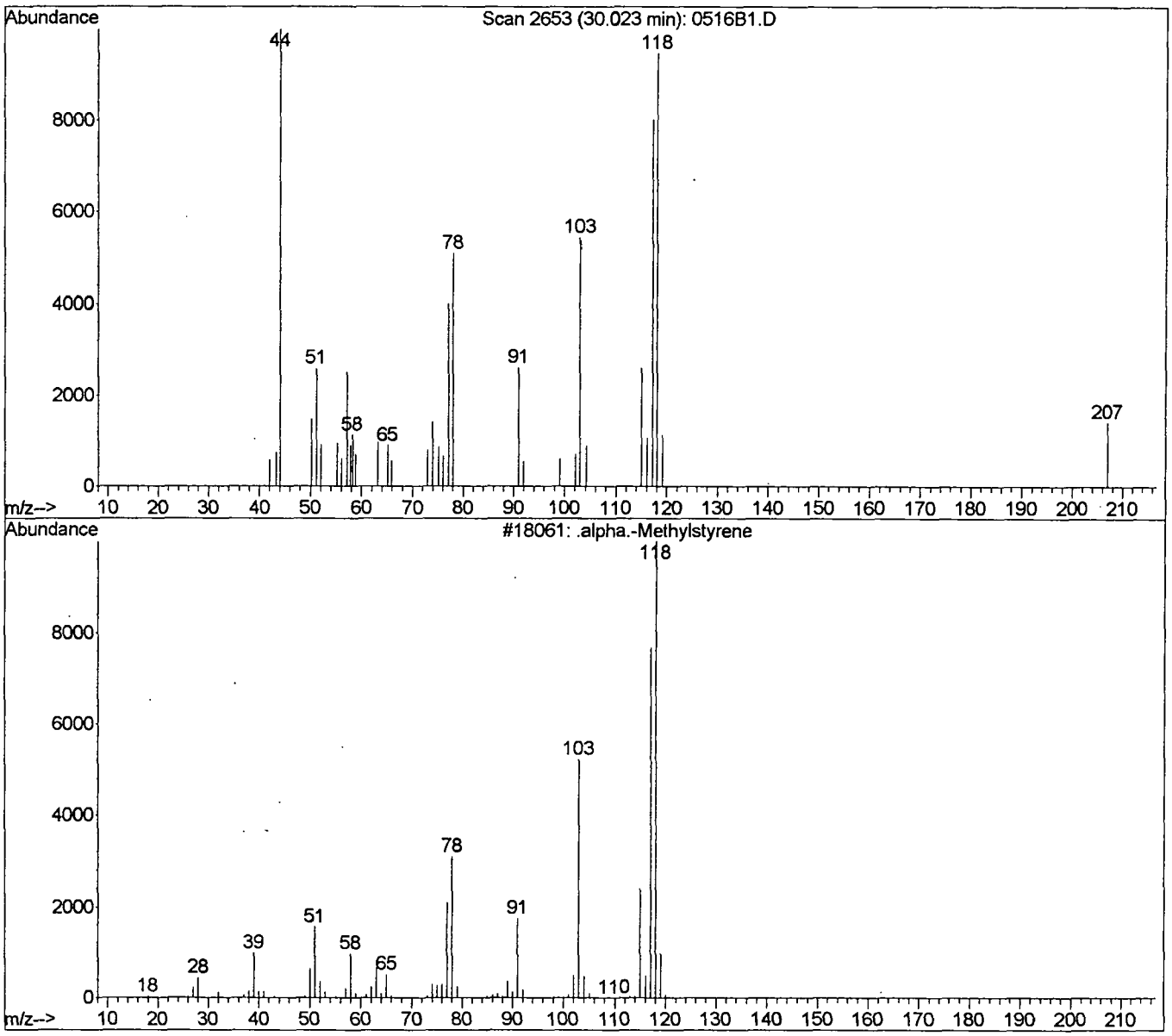
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.76	0.14 ug/L	104448	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cobalt, (2-methyl-.eta.-3-propen...	249	C14H22Co	000000-00-0	43
2	Phenanthrene, 9,10-dihydro-4,5-d...	208	C16H16	001209-83-2	22
3	5''-pentylbenzene-1'',3''-diyl 1...	578	C34H42O8	000000-00-0	22
4	Propiophenone, 3'-(trimethylsilo...	222	C12H18O2Si	033342-88-0	14





Library Searched : C:\DATABASE\wiley7n.L
Quality : 92
ID : .alpha.-Methylstyrene



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516B1.D Vial: 1
Acq On : 16 May 2002 11:01 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

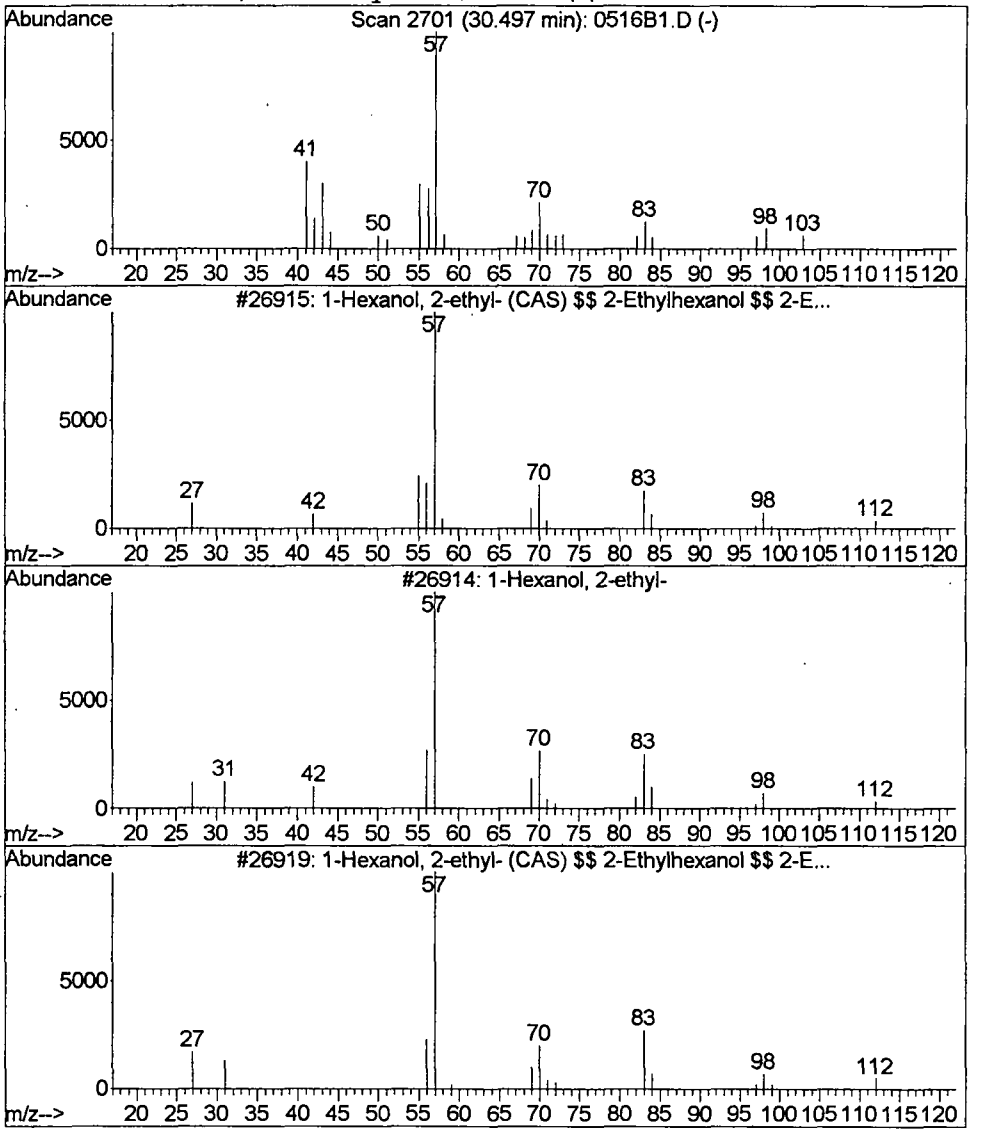
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

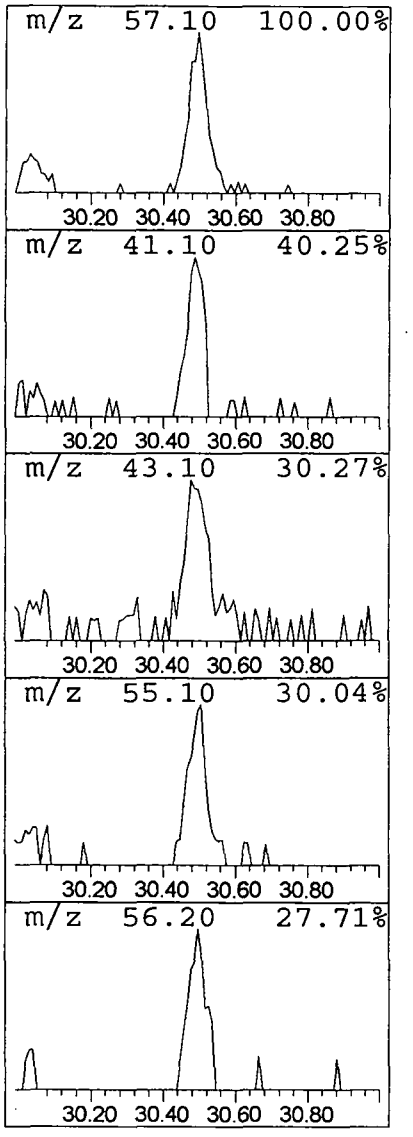
****

Peak Number 1 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 6

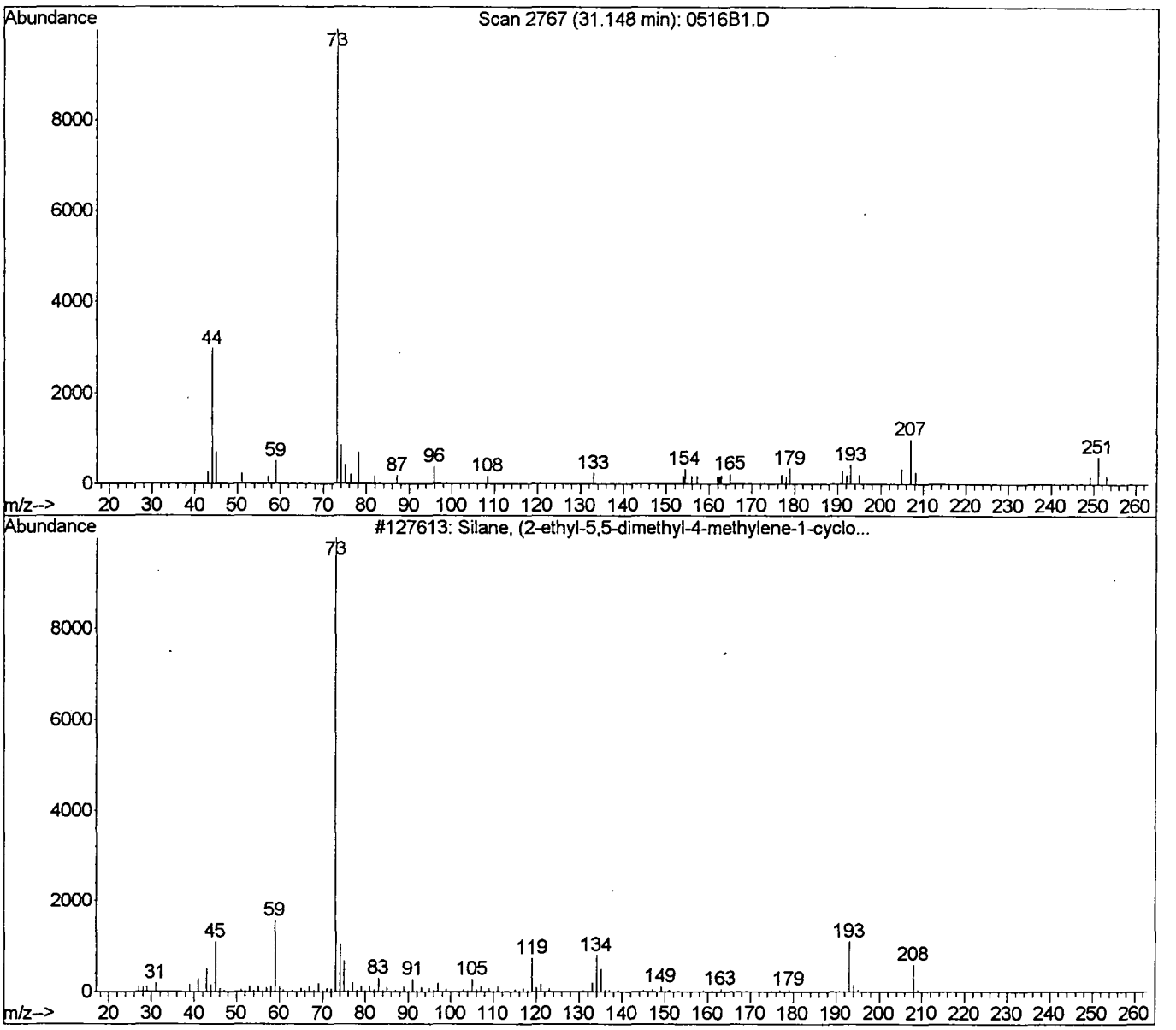
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.04 ug/L	30642	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	35
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	35
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	35
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	35





Library Searched : C:\DATABASE\wiley7n.L
Quality : 9
ID : Silane, (2-ethyl-5,5-dimethyl-4-methylene-1-cyclopenten-1-yl)trimethyl-



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516B1.D Vial: 1
Acq On : 16 May 2002 11:01 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

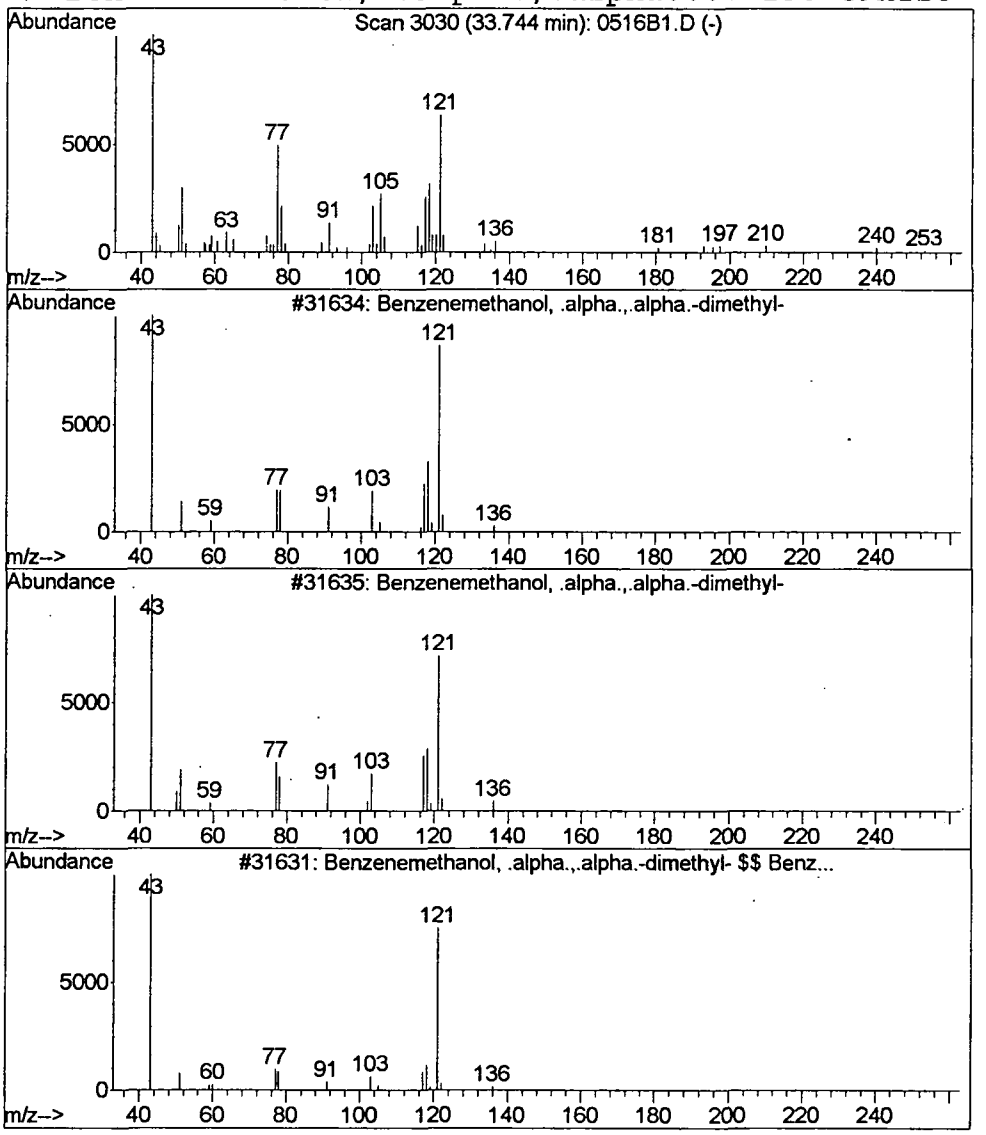
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

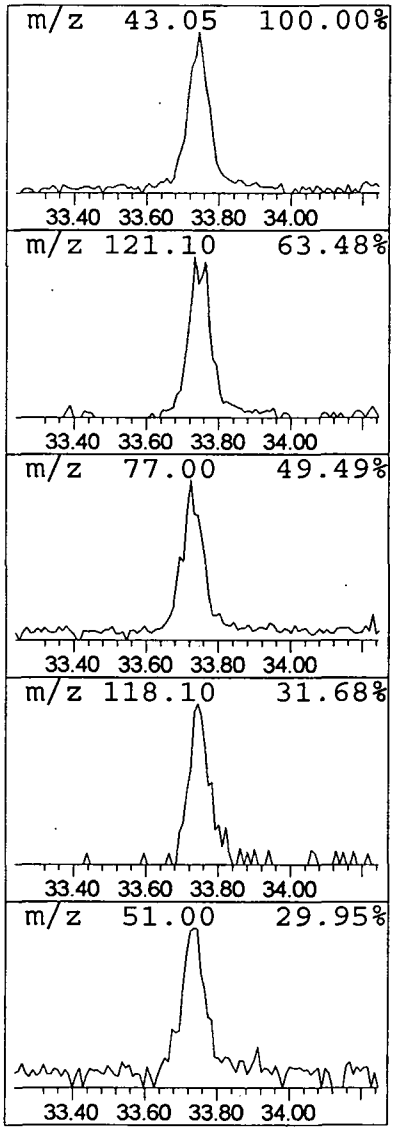
****

Peak Number 5 Benzenemethanol, .alpha.,.a... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.74	0.17 ug/L	123130	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	60
2	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	60
3	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	58
4	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	53





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:02:48

Sample: AE11409
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/16/02 13:51 Ended: 5/16/02 13:51 Analyst: BH
Result source: a:\0516c10a.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.9		.5
2	Surr_4-BROMOFLUOROBENZE		5.2		.5
3	Dichlorodifluoromethane		9.8		.5
4	Chloromethane		10		.5
5	Vinyl chloride		9.8		.5
6	Bromomethane		8.7		.5
7	Chloroethane		11		.5
8	Trichlorofluoromethane		9.0		.5
9	1,1-Dichloroethene		9.0		.5
10	Methylene Chloride		9.9		.5
11	Methyl tert-butyl ether		12		1.0
12	trans-1,2-dichloroethene		9.5		.5
13	1,1-dichloroethane		9.4		.5
14	2-butanone (MEK)		45		2.0
15	2,2-dichloropropane		10		.5
16	cis-1,2-dichloroethene		9.8		.5
17	Chloroform		9.7		.5
18	Bromochloromethane		10		.5
19	1,2-dichloroethane		9.8		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		9.9		.5
22	1,1-dichloropropene		9.8		.5
23	Carbon tetrachloride		10		.5
24	Benzene		9.4		.5
25	Trichloroethene		9.4		.5
26	1,2-dichloropropane		9.8		.5
27	Dibromomethane		9.8		.5
28	Bromodichloromethane		9.8		.5
29	Methyl iso-butyl ketone		44		1.0
30	cis-1,3-dichloropropene		11		.5
31	Toluene		9.9		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		9.8		.5
34	Tetrachloroethene		10		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.6		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		9.9		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		9.8		.5
44	Bromoform		11		2.0
45	Isopropylbenzene		10		.5
46	1,2,3-trichloropropane		10		.5
47	N-propylbenzene		10		.5
48	Bromobenzene		9.8		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:02:48

Sample: AE11409
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/16/02 13:51 Ended: 5/16/02 13:51 Analyst: BH
Result source: a:\0516c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		11		.5
50	2-chlorotoluene		10		.5
51	4-chlorotoluene		10		.5
52	TERT-butylbenzene		11		.5
53	1,2,4-trimethylbenzene		11		.5
54	SEC-butylbenzene		10		.5
55	P-isopropyltoluene		11		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		11		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene	USPEC	13		.5
63	1,2,3-trichlorobenzene		11		.5
64	Nitrobenzene	USPEC	330		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516C10A.D Vial: 7
Acq On : 16 May 2002 1:51 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 17 14:24:12 2002 Quant Results File: W050302.RES

Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Mon May 06 12:25:29 2002
Response via : Initial Calibration
DataAcq Meth : W042302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1274675	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1250083	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1075223	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	227238	4.89	ug/L	0.00
Spiked Amount 5.000			Recovery =	97.80%		
17) Toluene-d8	21.62	98	1699563	4.85	ug/L	0.00
Spiked Amount 5.000			Recovery =	97.00%		
54) 4-Bromofluorobenzene	28.51	95	638219	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.00%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	359106	9.40	ug/L	99
4) Chloromethane	5.93	50	575305	9.90	ug/L	98
5) Vinyl Chloride	6.18	62	521575	8.92	ug/L	97
6) Bromomethane	7.29	94	212556	6.97	ug/L	99
7) Chloroethane	7.46	64	373774	10.48	ug/L	96
8) Trichlorofluoromethane	8.13	101	624504	8.79	ug/L	100
11) Acetone	9.37	43	168849	49.16	ug/L	97
12) 1,1-Dichloroethene	9.78	61	540510	9.19	ug/L	98
13) Methylene Chloride	11.03	49	444513	9.54	ug/L	98
14) Methyl tert-butyl ether	11.42	73	496401	11.86	ug/L	99
15) trans-1,2-Dichloroethene	11.84	61	559127	9.21	ug/L	99
16) 1,1-Dichloroethane	12.94	63	692973	9.16	ug/L	100
18) 2-Butanone (MEK)	14.00	43	215284	45.41	ug/L	98
19) 2,2-Dichloropropane	14.41	77	629243	9.76	ug/L	93
20) cis-1,2-Dichloroethene	14.54	61	526623	9.45	ug/L	98
21) Chloroform	14.94	83	623793	9.37	ug/L	99
22) Bromochloromethane	15.40	49	229292	9.62	ug/L	96
23) 1,1,1-Trichloroethane	16.00	97	616199	9.40	ug/L	97
24) 1,1-Dichloropropene	16.38	75	599663	9.28	ug/L	99
25) Carbon Tetrachloride	16.68	117	515530	9.57	ug/L	98
26) 1,2-Dichloroethane	17.00	62	318527	9.71	ug/L	99
28) Benzene	17.10	78	1817364	8.15	ug/L	100
29) Trichloroethene	18.61	95	442786	8.17	ug/L	96
30) 1,2-Dichloropropane	19.05	63	372202	8.69	ug/L	99
31) Bromodichloromethane	19.65	83	391302	8.88	ug/L	99
32) Dibromomethane	19.82	93	112561	9.00	ug/L	97
33) 2-Chloroethyl vinyl ether	20.27	63	252892	5.92	ug/L	92
34) Methyl iso-butyl ketone	20.38	43	511189	36.94	ug/L	97
35) cis-1,3-Dichloropropene	20.96	75	499017	9.51	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516C10A.D Vial: 7
Acq On : 16 May 2002 1:51 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 17 14:24:12 2002 Quant Results File: W050302.RES

Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Mon May 06 12:25:29 2002
Response via : Initial Calibration
DataAcq Meth : W042302

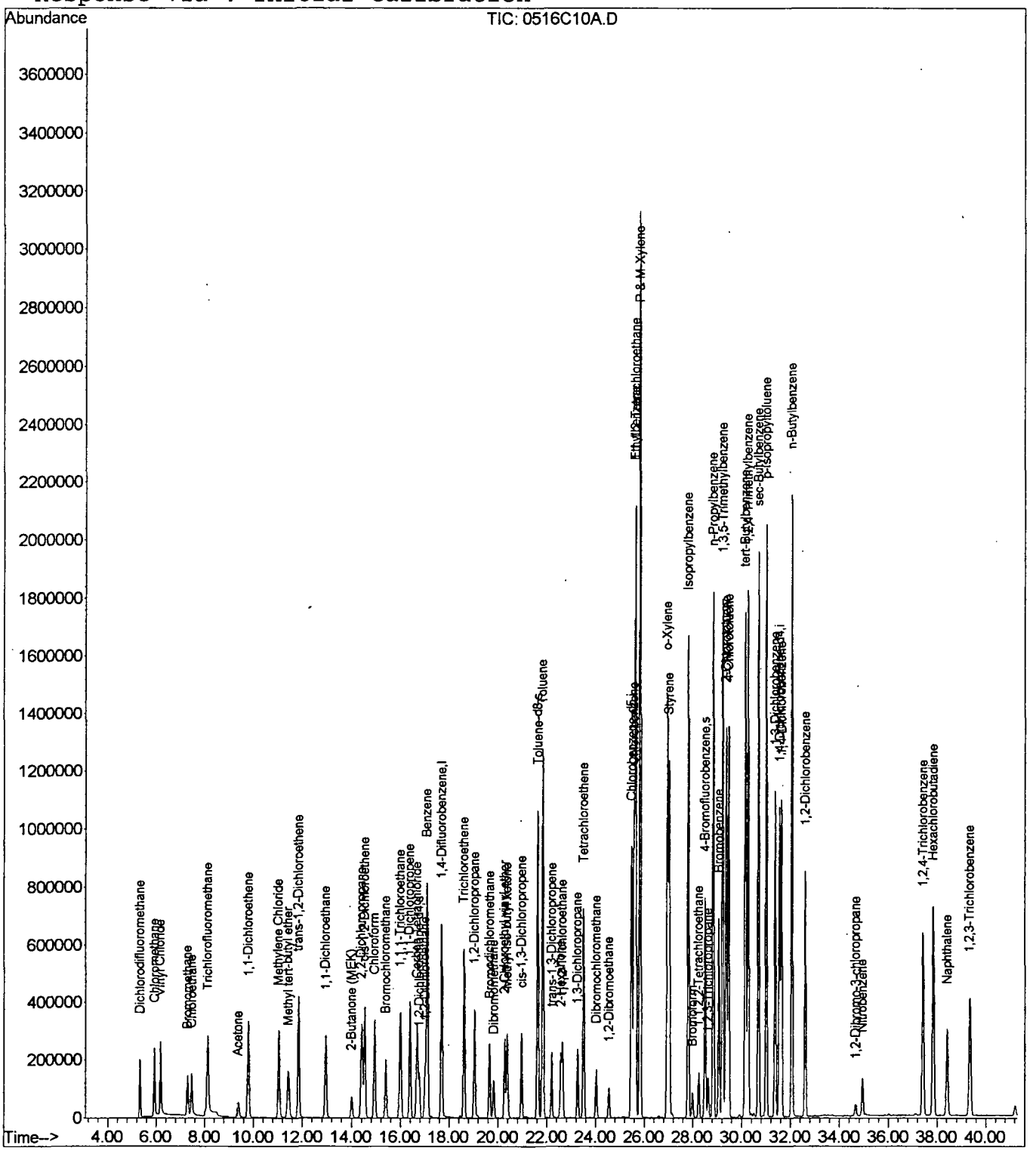
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.82	91	2278659	8.00	ug/L	100
37)	trans-1,3-Dichloropropene	22.20	75	360871	9.53	ug/L	99
38)	2-Hexanone	22.56	43	347407	37.68	ug/L	100
39)	1,1,2-Trichloroethane	22.63	97	187212	8.52	ug/L	92
40)	1,3-Dichloropropane	23.25	76	350028	8.92	ug/L	99
41)	Tetrachloroethene	23.50	166	492896	8.51	ug/L	98
42)	Dibromochloromethane	24.02	129	207560	9.48	ug/L	99
43)	1,2-Dibromoethane	24.55	107	160436	9.08	ug/L	98
44)	Chlorobenzene	25.57	112	1310715	7.91	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	355943	8.97	ug/L	99
46)	Ethylbenzene	25.64	91	2734218	7.84	ug/L	98
47)	P & M-Xylene	25.83	91	4377862	16.10	ug/L	99
48)	o-Xylene	26.95	91	2098139	8.43	ug/L	97
49)	Styrene	27.03	104	1484135	7.69	ug/L	99
50)	Isopropylbenzene	27.82	105	2698793	7.60	ug/L	100
52)	Bromoform	27.99	173	92212	9.25	ug/L	99
53)	1,1,2,2-Tetrachloroethane	28.26	83	184659	8.03	ug/L	99
55)	1,2,3-Trichloropropane	28.63	75	150706	8.12	ug/L	97
56)	n-Propylbenzene	28.84	91	3414406	7.68	ug/L	99
57)	Bromobenzene	29.07	77	774038	7.61	ug/L	96
58)	1,3,5-Trimethylbenzene	29.22	105	2446821	8.11	ug/L	99
59)	2-Chlorotoluene	29.37	91	1948193	7.86	ug/L	98
60)	4-Chlorotoluene	29.47	91	1874658	7.70	ug/L	97
61)	tert-Butylbenzene	30.14	119	2133610	8.04	ug/L	100
62)	1,2,4-Trimethylbenzene	30.25	105	2463877	8.17	ug/L	98
63)	sec-Butylbenzene	30.68	105	3322627	7.90	ug/L	99
64)	p-Isopropyltoluene	31.00	119	2863774	8.21	ug/L	100
65)	1,3-Dichlorobenzene	31.37	146	1081448	8.04	ug/L	100
66)	1,4-Dichlorobenzene	31.63	146	1037741	8.03	ug/L	100
67)	n-Butylbenzene	32.05	91	2790306	8.31	ug/L	99
68)	1,2-Dichlorobenzene	32.60	146	826416	8.20	ug/L	99
69)	1,2-Dibromo-3-chloropropan	34.66	157	29988	9.25	ug/L	99
70)	Nitrobenzene	34.93	77	160469	250.84	ug/L	96
71)	1,2,4-Trichlorobenzene	37.43	180	575308	9.47	ug/L	99
72)	Hexachlorobutadiene	37.85	225	422089	8.85	ug/L	100
73)	Naphthalene	38.41	128	757461	10.77	ug/L	100
74)	1,2,3-Trichlorobenzene	39.35	180	417576	9.54	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY16\0516C10A.D Vial: 7
Acq On : 16 May 2002 1:51 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 17 14:24 2002 Quant Results File: W050302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W050302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Mon May 06 12:25:29 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:16

Sample: AE11409
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/16/02 14:44 Ended: 5/16/02 14:44 Analyst: BH
Result source: a:\0516r5.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.9		
2	4-BROMOFLUOROBENZENE		5.1		
3	DICHLORODIFLUOROMETHAN		3.8		.5
4	CHLOROMETHANE		4.9		.5
5	VINYL CHLORIDE		5.0		.5
6	BROMOMETHANE		4.7		.5
7	CHLOROETHANE		6.1		.5
8	TRICHLOROFLUOROMETHANE		4.6		.5
9	ACETONE		18		.5
10	1,1-DICHLOROETHENE		4.1		.5
11	METHYLENE CHLORIDE		4.6		.5
12	METHYL TERT BUTYL ETHER		5.0		1
13	TRANS-1,2-DICHLOROETHEN		4.4		.5
14	1,1-DICHLOROETHANE		4.3		.5
15	2-BUTANONE (MEK)		19		.5
16	2,2-DICHLOROPROPANE		4.5		.5
17	CIS-1,2-DICHLOROETHENE		4.5		.5
18	CHLOROFORM		4.4		.5
19	BROMOCHLOROMETHANE		4.5		.5
20	1,2-DICHLOROETHANE		4.7		.5
21	TOLUENE-D8		5.0		
22	1,1,1-TRICHLOROETHANE		4.6		.5
23	1,1-DICHLOROPROPENE		4.7		.5
24	CARBON TETRACHLORIDE		4.5		.5
25	BENZENE		4.2		.5
26	TRICHLOROETHENE		4.5		.5
27	1,2-DICHLOROPROPANE		4.6		.5
28	DIBROMOMETHANE		4.4		.5
29	BROMODICHLOROMETHANE		4.3		.5
30	2-CHLOROETHYL VINYL ETHE		0.54		.5
31	METHYL ISO-BUTYL KETONE		18		1
32	CIS-1,3-DICHLOROPROPENE		4.9		.5
33	TOLUENE		4.3		.5
34	TRANS-1,3-DICHLOROPROPE		4.6		.5
35	1,1,2-TRICHLOROETHANE		4.6		.5
36	TETRACHLOROETHENE		4.5		.5
37	1,3-DICHLOROPROPANE		4.7		.5
38	DIBROMOCHLOROMETHANE		4.3		2
39	1,2-DIBROMOETHANE		4.6		.5
40	CHLOROBENZENE		4.3		.5
41	1,1,1,2-TETRACHLOROETHA		4.8		.5
42	2-HEXANONE		18		.5
43	ETHYLBENZENE		4.3		.5
44	P & M-XYLENE		8.9		.5
45	O-XYLENE		4.5		.5
46	STYRENE		4.4		.5
47	1,1,2,2-TETRACHLOROETHA		4.6		.5
48	BROMOFORM		4.6		2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:16

Sample: AE11409
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/16/02 14:44 Ended: 5/16/02 14:44 Analyst: BH
Result source: a:\0516r5.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		4.6		.5
50	1,2,3-TRICHLOROPROPANE		4.8		.5
51	N-PROPYLBENZENE		4.6		.5
52	BROMOBENZENE		4.3		.5
53	1,3,5-TRIMETHYLBENZENE		4.7		.5
54	2-CHLOROTOLUENE		4.4		.5
55	4-CHLOROTOLUENE		4.5		.5
56	TERT-BUTYLBENZENE		4.6		.5
57	1,2,4-TRIMETHYLBENZENE		4.8		.5
58	SEC-BUTYLBENZENE		4.7		.5
59	P-ISOPROPYLTOLUENE		4.6		.5
60	1,3-DICHLOROBENZENE		4.4		.5
61	1,4-DICHLOROBENZENE		4.5		.5
62	N-BUTYLBENZENE		4.8		.5
63	1,2-DICHLOROBENZENE		4.5		.5
64	1,2-DIBROMO-3-CHLOROPRO		5.1		.5
65	1,2,4-TRICHLOROBENZENE		5.1		.5
66	HEXACHLOROBUTADIENE		5.2		.5
67	NAPHTHALENE		5.8		.5
68	1,2,3-TRICHLOROBENZENE		5.2		.5
69	ETHANOL		< MRL		30
70	NITROBENZENE		120		5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:29

Sample: AE11409
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/17/02 15:03 Ended: 5/17/02 15:03 Analyst: BH
Result source: calculation
Page: 1

70 - 130

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.9		.5
2	Surr - 4-BROMOFLUOROBENZ		5.1		.5
3	Dichlorodifluoromethane		76		.5
4	Chloromethane		98		.5
5	Vinyl chloride		100		.5
6	Bromomethane		94		.5
7	Chloroethane		122		.5
8	Trichlorofluoromethane		92		.5
9	1,1-Dichloroethene		82		.5
10	Methylene Chloride		92		.5
11	Methyl tert butyl ether		100		1.0
12	trans-1,2-dichloroethene		88		.5
13	1,1-dichloroethane		86		.5
14	2-butanone (MEK)		95		2.0
15	2,2-dichloropropane		90		.5
16	cis-1,2-dichloroethene		90		.5
17	Chloroform		88		.5
18	Bromochloromethane		90		.5
19	1,2-dichloroethane		94		.5
20	Surr - TOLUENE-D8		5		.5
21	1,1,1-trichloroethane		92		.5
22	1,1-dichloropropene		94		.5
23	Carbon tetrachloride		90		.5
24	Benzene		84		.5
25	Trichloroethene		90		.5
26	1,2-dichloropropane		92		.5
27	Dibromomethane		88		.5
28	Bromodichloromethane		86		.5
29	Methyl iso-butyl ketone		90		1.0
30	cis-1,3-dichloropropene		98		.5
31	Toluene		86		.5
32	trans-1,3-dichloropropene		92		.5
33	1,1,2-trichloroethane		92		.5
34	Tetrachloroethene		90		.5
35	1,3-dichloropropane		94		.5
36	Dibromochloromethane		86		2.0
37	Chlorobenzene		86		.5
38	1,1,1,2-tetrachloroethane		96		.5
39	Ethylbenzene		86		.5
40	P & M-xylene		89		.5
41	O-xylene		90		.5
42	Styrene		88		.5
43	1,1,2,2-tetrachloroethane		92		.5
44	Bromoform		92		2.0
45	Isopropylbenzene		92		.5
46	1,2,3-trichloropropane		96		.5
47	N-propylbenzene		92		.5
48	Bromobenzene		86		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:29

Sample: AE11409
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/17/02 15:03 Ended: 5/17/02 15:03 Analyst: BH
Result source: calculation

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		94		.5
50	2-chlorotoluene		88		.5
51	4-chlorotoluene		90		.5
52	TERT-butylbenzene		92		.5
53	1,2,4-trimethylbenzene		96		.5
54	SEC-butylbenzene		94		.5
55	P-isopropyltoluene		92		.5
56	1,3-dichlorobenzene		88		.5
57	1,4-dichlorobenzene		90		.5
58	N-butylbenzene		96		.5
59	1,2-dichlorobenzene		90		.5
60	1,2,4-trichlorobenzene		102		.5
61	Hexachlorobutadiene		104		.5
62	Naphthalene		116		.5
63	1,2,3-trichlorobenzene		104		.5
64	Ethanol				
65	Nitrobenzene		120		5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\0516R5.D Vial: 6
Acq On : 16 May 2002 2:44 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 15:26:21 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1249206	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1224393	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	1049039	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	223745	4.92	ug/L	0.02
Spiked Amount 5.000			Recovery = 98.40%			
17) Toluene-d8	21.62	98	1671706	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.60%			
54) 4-Bromofluorobenzene	28.51	95	609933	5.10	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.00%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	135600	3.79	ug/L	100
4) Chloromethane	5.93	50	266701	4.92	ug/L	95
5) Vinyl Chloride	6.19	62	259148	4.97	ug/L	98
6) Bromomethane	7.29	94	113239	4.75	ug/L	96
7) Chloroethane	7.46	64	208550	6.15	ug/L	96
8) Trichlorofluoromethane	8.13	101	312886	4.60	ug/L	99
11) Acetone	9.38	43	61141	17.76	ug/L	94
12) 1,1-Dichloroethene	9.78	61	240411	4.10	ug/L	99
13) Methylene Chloride	11.04	49	200918	4.58	ug/L	98
14) Methyl tert-butyl ether	11.43	73	219019	4.98	ug/L	98
15) trans-1,2-Dichloroethene	11.85	61	255093	4.41	ug/L	100
16) 1,1-Dichloroethane	12.95	63	311478	4.31	ug/L	100
18) 2-Butanone (MEK)	14.01	43	88495	18.82	ug/L	98
19) 2,2-Dichloropropane	14.42	77	276345	4.53	ug/L	96
20) cis-1,2-Dichloroethene	14.54	61	235003	4.46	ug/L	100
21) Chloroform	14.95	83	277278	4.38	ug/L	100
22) Bromochloromethane	15.40	49	99725	4.49	ug/L	98
23) 1,1,1-Trichloroethane	16.01	97	276391	4.55	ug/L	97
24) 1,1-Dichloropropene	16.40	75	279155	4.68	ug/L	98
25) Carbon Tetrachloride	16.68	117	225030	4.48	ug/L	96
26) 1,2-Dichloroethane	17.02	62	148391	4.66	ug/L	100
28) Benzene	17.10	78	796970	4.20	ug/L	100
29) Trichloroethene	18.62	95	207045	4.50	ug/L	98
30) 1,2-Dichloropropane	19.06	63	169647	4.57	ug/L	99
31) Bromodichloromethane	19.66	83	169163	4.35	ug/L	99
32) Dibromomethane	19.83	93	49045	4.36	ug/L	98
33) 2-Chloroethyl vinyl ether	20.27	63	20910	0.54	ug/L	92
34) Methyl iso-butyl ketone	20.39	43	210308	18.29	ug/L	99
35) cis-1,3-Dichloropropene	20.96	75	225366	4.90	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\0516R5.D Vial: 6
Acq On : 16 May 2002 2:44 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 15:26:21 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

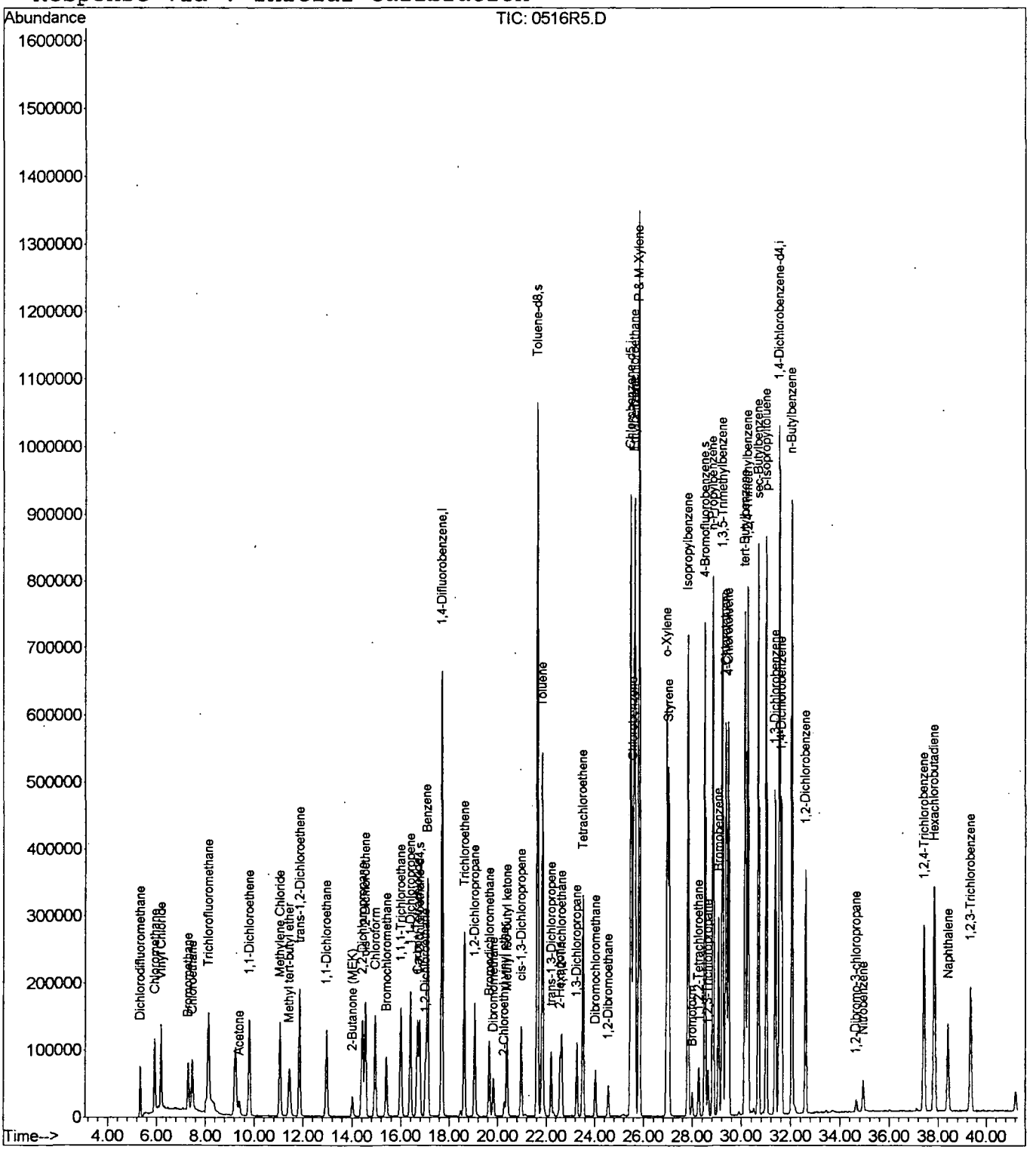
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.83	91	976216	4.31	ug/L	99
37)	trans-1,3-Dichloropropene	22.20	75	152128	4.56	ug/L	97
38)	2-Hexanone	22.56	43	138296	17.58	ug/L	97
39)	1,1,2-Trichloroethane	22.63	97	85921	4.57	ug/L	97
40)	1,3-Dichloropropane	23.25	76	162539	4.73	ug/L	100
41)	Tetrachloroethene	23.50	166	219913	4.54	ug/L	98
42)	Dibromochloromethane	24.02	129	83628	4.29	ug/L	99
43)	1,2-Dibromoethane	24.55	107	71330	4.58	ug/L	100
44)	Chlorobenzene	25.57	112	568890	4.28	ug/L	97
45)	1,1,1,2-Tetrachloroethane	25.64	131	160030	4.80	ug/L	98
46)	Ethylbenzene	25.64	91	1164354	4.30	ug/L	98
47)	P & M-Xylene	25.83	91	1874213	8.89	ug/L	100
48)	o-Xylene	26.96	91	883069	4.49	ug/L	97
49)	Styrene	27.03	104	619082	4.39	ug/L	90
50)	Isopropylbenzene	27.82	105	1154419	4.56	ug/L	99
52)	Bromoform	27.99	173	38735	4.56	ug/L	96
53)	1,1,2,2-Tetrachloroethane	28.26	83	84509	4.59	ug/L	99
55)	1,2,3-Trichloropropane	28.64	75	68375	4.80	ug/L	99
56)	n-Propylbenzene	28.84	91	1506532	4.62	ug/L	100
57)	Bromobenzene	29.07	77	335230	4.33	ug/L	100
58)	1,3,5-Trimethylbenzene	29.22	105	1051948	4.70	ug/L	99
59)	2-Chlorotoluene	29.37	91	831671	4.45	ug/L	99
60)	4-Chlorotoluene	29.47	91	803925	4.51	ug/L	100
61)	tert-Butylbenzene	30.14	119	911847	4.62	ug/L	100
62)	1,2,4-Trimethylbenzene	30.25	105	1084971	4.80	ug/L	99
63)	sec-Butylbenzene	30.68	105	1440393	4.65	ug/L	99
64)	p-Isopropyltoluene	31.01	119	1190411	4.56	ug/L	99
65)	1,3-Dichlorobenzene	31.37	146	461839	4.42	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	451702	4.48	ug/L	100
67)	n-Butylbenzene	32.05	91	1195338	4.78	ug/L	99
68)	1,2-Dichlorobenzene	32.60	146	351533	4.48	ug/L	99
69)	1,2-Dibromo-3-chloropropan	34.65	157	13379	5.15	ug/L	91
70)	Nitrobenzene	34.92	77	58299	121.24	ug/L	96
71)	1,2,4-Trichlorobenzene	37.43	180	252128	5.09	ug/L	99
72)	Hexachlorobutadiene	37.85	225	194725	5.19	ug/L	98
73)	Naphthalene	38.41	128	326882	5.77	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	185496	5.21	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\0516R5.D Vial: 6
Acq On : 16 May 2002 2:44 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 15:26 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\0516B2.D Vial: 7
Acq On : 16 May 2002 3:33 pm Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 16:14:24 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

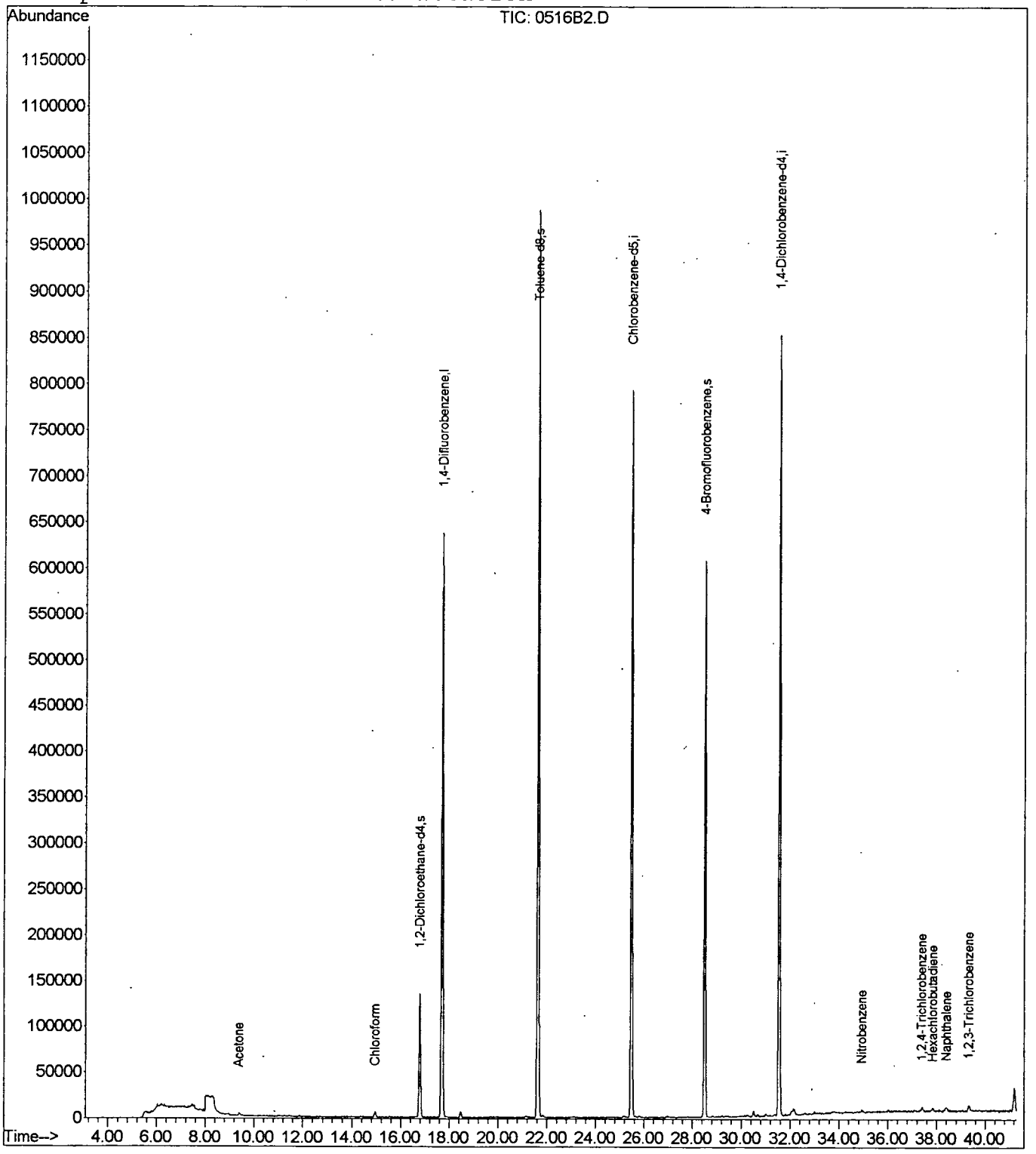
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1189348	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	1049460	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	820914	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	205346	4.74	ug/L	0.03
Spiked Amount 5.000			Recovery = 94.80%			
17) Toluene-d8	21.62	98	1549991	4.85	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.00%			
54) 4-Bromofluorobenzene	28.51	95	501290	5.35	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
11) Acetone	9.40	43	7539	2.30	ug/L	91
21) Chloroform	14.97	83	10777	0.18	ug/L	95
70) Nitrobenzene	34.93	77	2673	7.10	ug/L	77
71) 1,2,4-Trichlorobenzene	37.42	180	3763	0.10	ug/L	97
72) Hexachlorobutadiene	37.85	225	1710	0.06	ug/L	91
73) Naphthalene	38.41	128	11196	0.25	ug/L	99
74) 1,2,3-Trichlorobenzene	39.33	180	6568	0.24	ug/L	92

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\0516B2.D Vial: 7
Acq On : 16 May 2002 3:33 pm Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 16:14 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:42

Sample: AE11409
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/16/02 16:24 Ended: 5/16/02 16:24 Analyst: BH
Result source: a:\11409.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		0.5
3	Dichlorodifluoromethane		< MRL		0.5
4	Chloromethane		< MRL		0.5
5	Vinyl chloride		< MRL		0.5
6	Bromomethane		< MRL		0.5
7	Chloroethane		< MRL		0.5
8	Trichlorofluoromethane		< MRL		0.5
9	1,1-Dichloroethene		< MRL		0.5
10	Methylene Chloride		< MRL		0.5
11	Methyl tert-butyl ether (MTBE)		< MRL		1.0
12	trans-1,2-dichloroethene		< MRL		0.5
13	1,1-dichloroethane		< MRL		0.5
14	2-butanone (MEK)		< MRL		2.0
15	2,2-dichloropropane		< MRL		0.5
16	cis-1,2-dichloroethene		< MRL		0.5
17	*THM-Chloroform		< MRL		0.5
18	Bromochloromethane		< MRL		0.5
19	1,2-dichloroethane		< MRL		0.5
20	Surr - TOLUENE-D8		4.8		0.5
21	1,1,1- trichloroethane		< MRL		0.5
22	1,1-dichloropropene		< MRL		0.5
23	Carbon tetrachloride		< MRL		0.5
24	Benzene		< MRL		0.5
25	Trichloroethene		< MRL		0.5
26	1,2-dichloropropane		< MRL		0.5
27	Dibromomethane		< MRL		0.5
28	*THM-Bromodichloromethane		< MRL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL		1.0
30	cis-1,3-dichloropropene		< MRL		0.5
31	Toluene		< MRL		0.5
32	trans-1,3-dichloropropene		< MRL		0.5
33	1,1,2-trichloroethane		< MRL		0.5
34	Tetrachloroethene		< MRL		0.5
35	1,3-dichloropropane		< MRL		0.5
36	*THM-Dibromochloromethane		< MRL		2.0
37	Chlorobenzene		< MRL		0.5
38	1,1,1,2-tetrachloroethane		< MRL		0.5
39	Ethylbenzene		< MRL		0.5
40	P & M-xylene		< MRL		0.5
41	O-xylene		< MRL		0.5
42	Styrene		< MRL		0.5
43	1,1,2,2-tetrachloroethane		< MRL		0.5
44	*THM-Bromoform		< MRL		2.0
45	Isopropylbenzene		< MRL		0.5
46	1,2,3-trichloropropane		< MRL		0.5
47	N-propylbenzene		< MRL		0.5
48	Bromobenzene		< MRL		0.5

REVIEWED BY
DATE 5/23/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:42

Sample: AE11409
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/16/02 16:24 Ended: 5/16/02 16:24 Analyst: BH
Result source: a:\11409.rr
Page: 2

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

Comments for Sample AE11409 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:36:18

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.13 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11409.D Vial: 8
Acq On : 16 May 2002 4:24 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 17:05:43 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

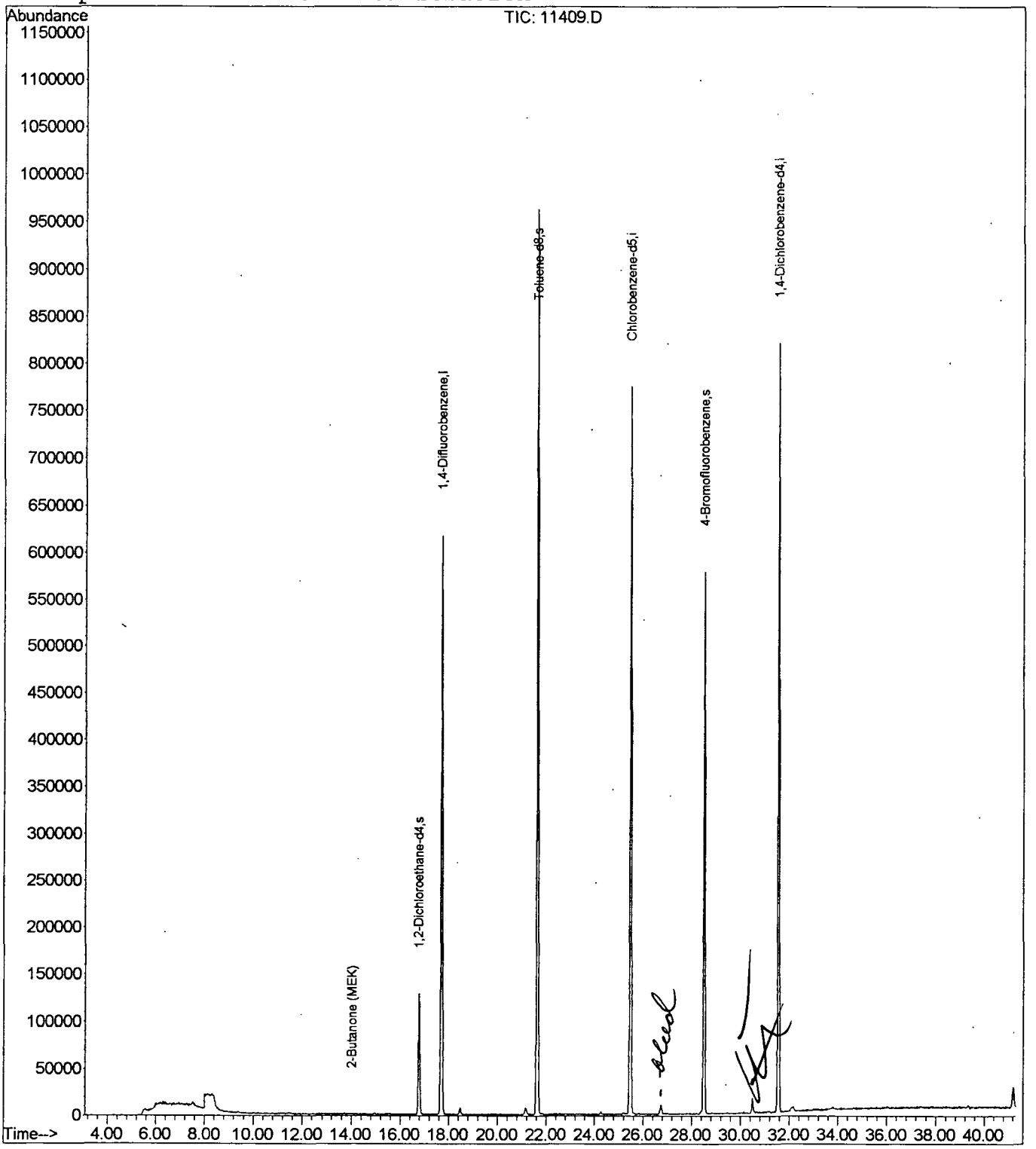
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1164841	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	1004821	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	794542	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	200172	4.72	ug/L	0.02
Spiked Amount 5.000			Recovery = 94.40%			
17) Toluene-d8	21.62	98	1511660	4.83	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.60%			
54) 4-Bromofluorobenzene	28.51	95	481867	5.32	ug/L	0.00
Spiked Amount 5.000			Recovery = 106.40%			
Target Compounds						Qvalue
18) 2-Butanone (MEK)	14.03	43	354	0.08	ug/L	75

(#) = qualifier out of range (m) = manual integration
11409.D W042302.M Thu May 16 17:05:44 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11409.D Vial: 8
Acq On : 16 May 2002 4:24 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 17:05 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11409.D Vial: 8
Acq On : 16 May 2002 4:24 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

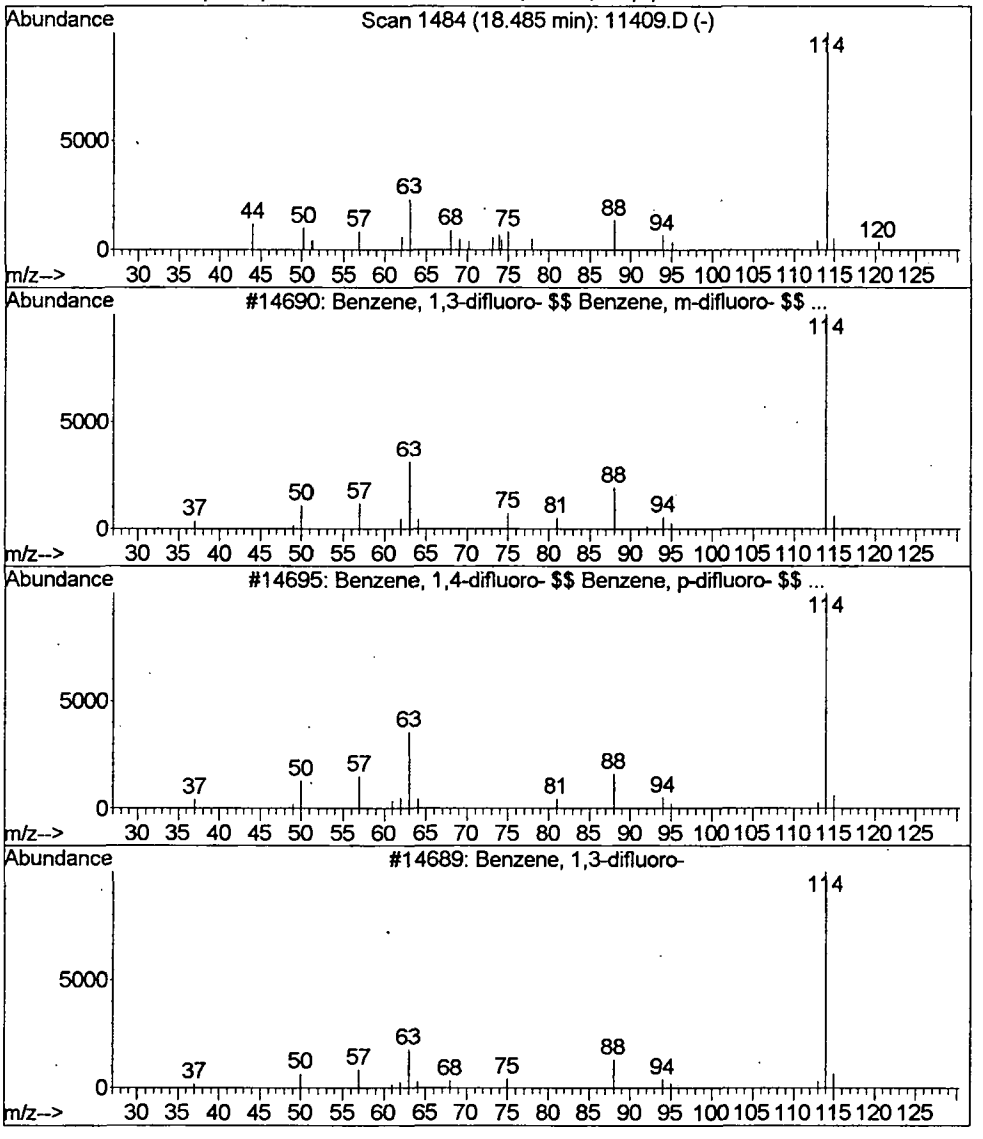
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

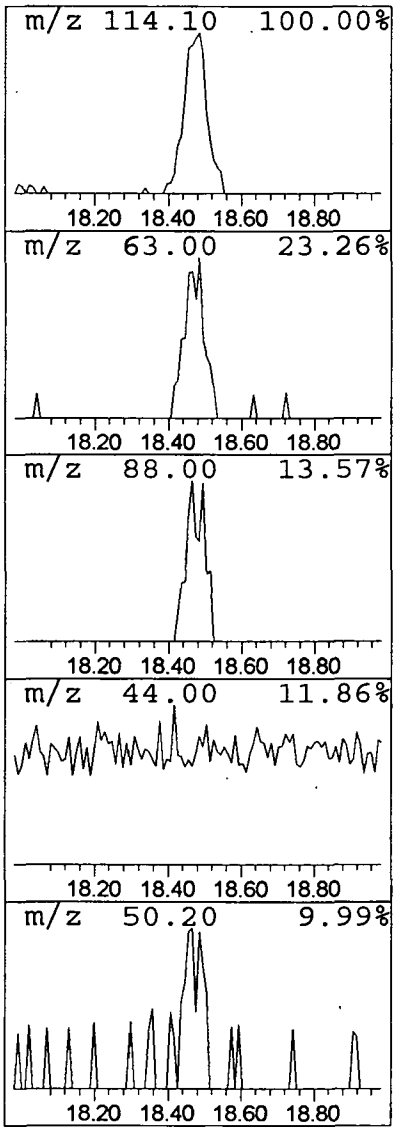
****

Peak Number 2 Benzene, 1,3-difluoro- $$ B... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	28705	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro- $$ Benzen...	114	C6H4F2	000372-18-9	81
2	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	80
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	80
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11409.D Vial: 8
Acq On : 16 May 2002 4:24 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

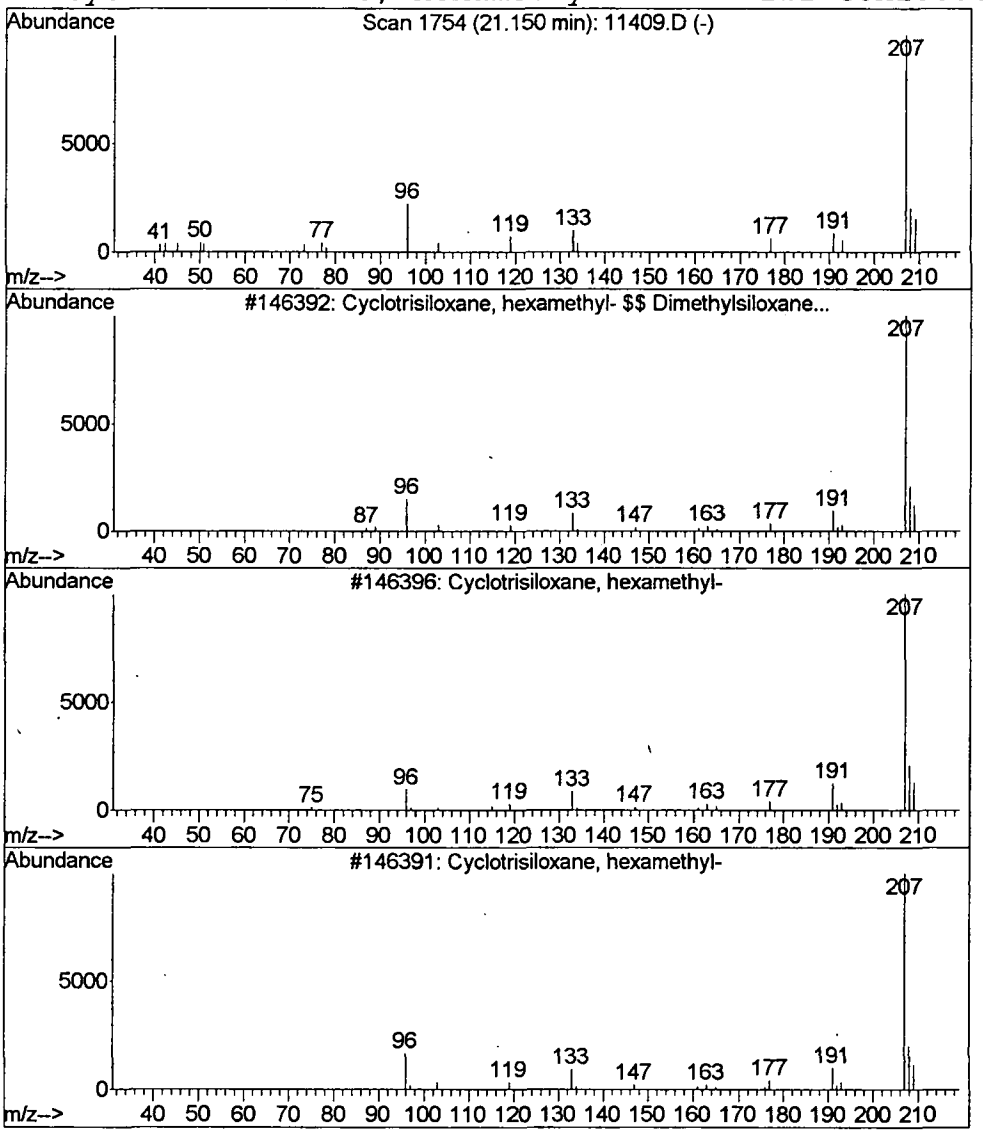
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

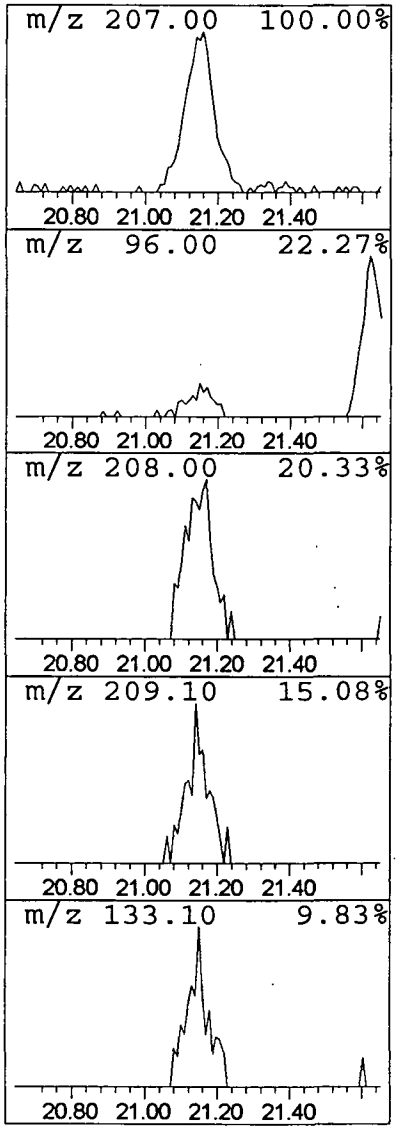
****

Peak Number 3 Cyclotrisiloxane, hexamethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	0.08 ug/L	39298	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl- $$...	222	C6H18O3Si3	000541-05-9	78
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	74
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11409.D Vial: 8
Acq On : 16 May 2002 4:24 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

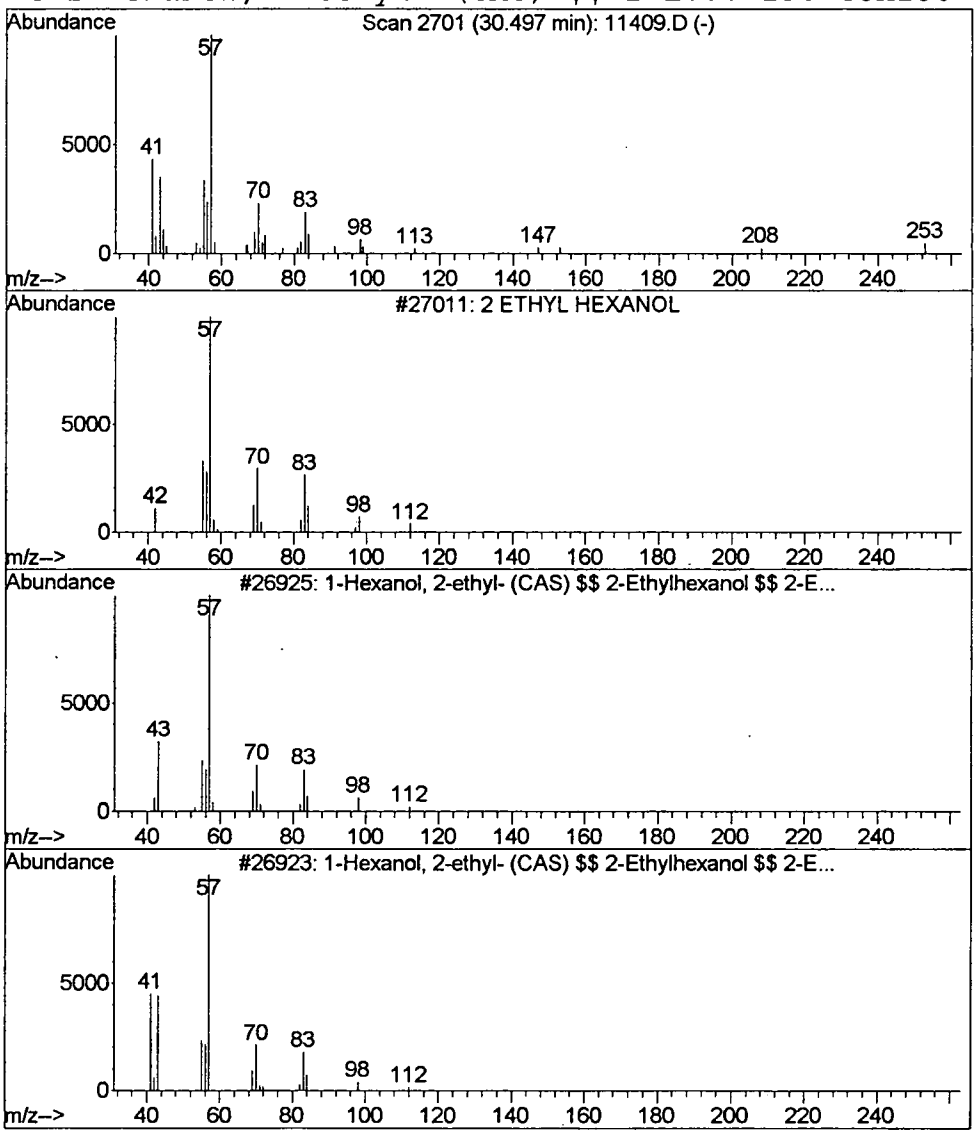
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

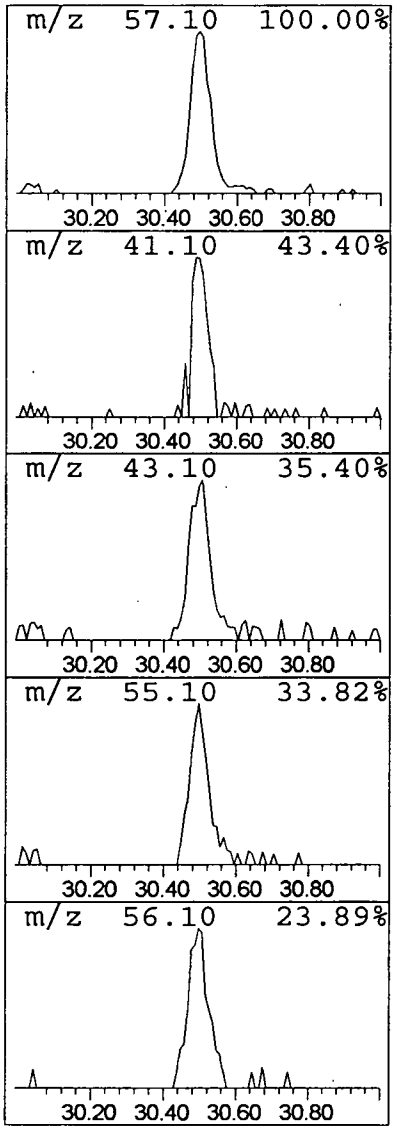
****

Peak Number 5 2 ETHYL HEXANOL Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.13 ug/L	77810	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2 ETHYL HEXANOL	130	C8H18O	000104-76-7	80
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	80
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:53

Sample: AE11409
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/16/02 16:24 Ended: 5/16/02 16:24 Analyst: BH
Result source: calculation
Page: 1

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:53

Sample: AE11409
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/16/02 16:24 Ended: 5/16/02 16:24 Analyst: BH
Result source: calculation
Page: 2

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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:48

Sample: AE11409
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/16/02 17:10 Ended: 5/16/02 17:10 Analyst: BH
Result source: a:\11409d.rr
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		.5
2	Surr - 4-BROMOFLUOROBENZ		5.3		.5
3	Dichlorodifluoromethane		< MRL		.5
4	Chloromethane		< MRL		.5
5	Vinyl chloride		< MRL		.5
6	Bromomethane		< MRL		.5
7	Chloroethane		< MRL		.5
8	Trichlorofluoromethane		< MRL		.5
9	1,1-Dichloroethene		< MRL		.5
10	Methylene Chloride		< MRL		.5
11	Methyl tert-butyl ether (MTBE)		< MRL		1.0
12	trans-1,2-dichloroethene		< MRL		.5
13	1,1-dichloroethane		< MRL		.5
14	2-butanone (MEK)		< MRL		2.0
15	2,2-dichloropropane		< MRL		.5
16	cis-1,2-dichloroethene		< MRL		.5
17	*THM-Chloroform		< MRL		.5
18	Bromochloromethane		< MRL		.5
19	1,2-dichloroethane		< MRL		.5
20	Surr - TOLUENE-D8		4.8		.5
21	1,1,1- trichloroethane		< MRL		.5
22	1,1-dichloropropene		< MRL		.5
23	Carbon tetrachloride		< MRL		.5
24	Benzene		< MRL		.5
25	Trichloroethene		< MRL		.5
26	1,2-dichloropropane		< MRL		.5
27	Dibromomethane		< MRL		.5
28	*THM-Bromodichloromethane		< MRL		.5
29	Methyl iso-butyl ketone (MIBK)		< MRL		1.0
30	cis-1,3-dichloropropene		< MRL		.5
31	Toluene		< MRL		.5
32	trans-1,3-dichloropropene		< MRL		.5
33	1,1,2-trichloroethane		< MRL		.5
34	Tetrachloroethene		< MRL		.5
35	1,3-dichloropropane		< MRL		.5
36	*THM-Dibromochloromethane		< MRL		2.0
37	Chlorobenzene		< MRL		.5
38	1,1,1,2-tetrachloroethane		< MRL		.5
39	Ethylbenzene		< MRL		.5
40	P & M-xylene		< MRL		.5
41	O-xylene		< MRL		.5
42	Styrene		< MRL		.5
43	1,1,2,2-tetrachloroethane		< MRL		.5
44	*THM-Bromoform		< MRL		2.0
45	Isopropylbenzene		< MRL		.5
46	1,2,3-trichloropropane		< MRL		.5
47	N-propylbenzene		< MRL		.5
48	Bromobenzene		< MRL		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:03:48

Sample: AE11409
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/16/02 17:10 Ended: 5/16/02 17:10 Analyst: BH
Result source: a:\11409d.rr
Page: 2

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

Comments for Sample AE11409 - Analysis $D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:38:02

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.14 ug/L.

0,13 in original

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11409D.D Vial: 9
Acq On : 16 May 2002 5:10 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 17:52:04 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

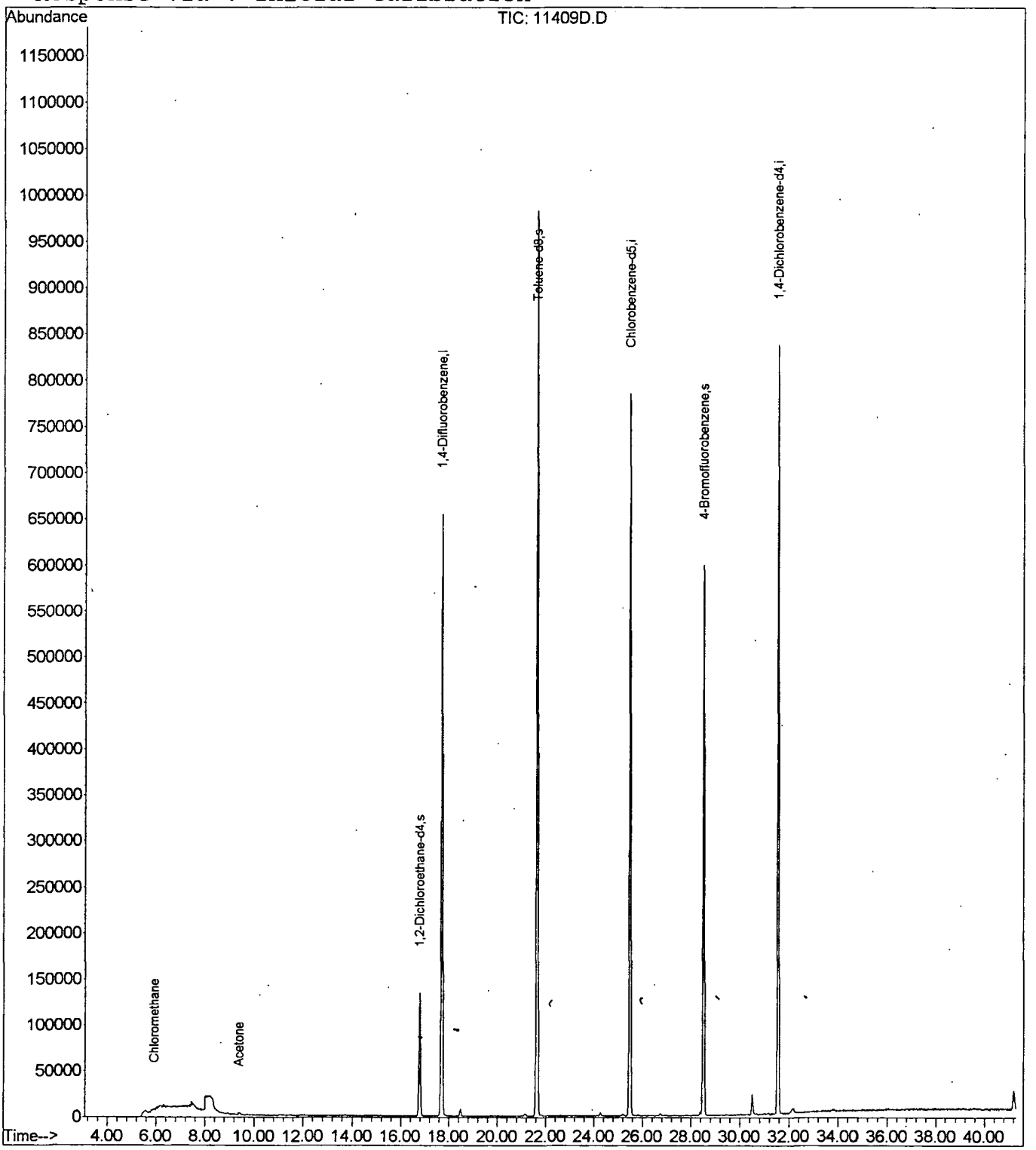
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1214869	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	1042286	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	807473	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	207538	4.69	ug/L	0.03
Spiked Amount 5.000			Recovery =	93.80%		
17) Toluene-d8	21.63	98	1558374	4.78	ug/L	0.02
Spiked Amount 5.000			Recovery =	95.60%		
54) 4-Bromofluorobenzene	28.51	95	492197	5.34	ug/L	0.00
Spiked Amount 5.000			Recovery =	106.80%		
Target Compounds						Qvalue
4) Chloromethane	5.94	50	5589	0.11	ug/L	83
11) Acetone	9.39	43	7642	2.28	ug/L	85

(#) = qualifier out of range (m) = manual integration
11409D.D W042302.M Thu May 16 17:52:05 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11409D.D Vial: 9
Acq On : 16 May 2002 5:10 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 17:52 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11409D.D Vial: 9
Acq On : 16 May 2002 5:10 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

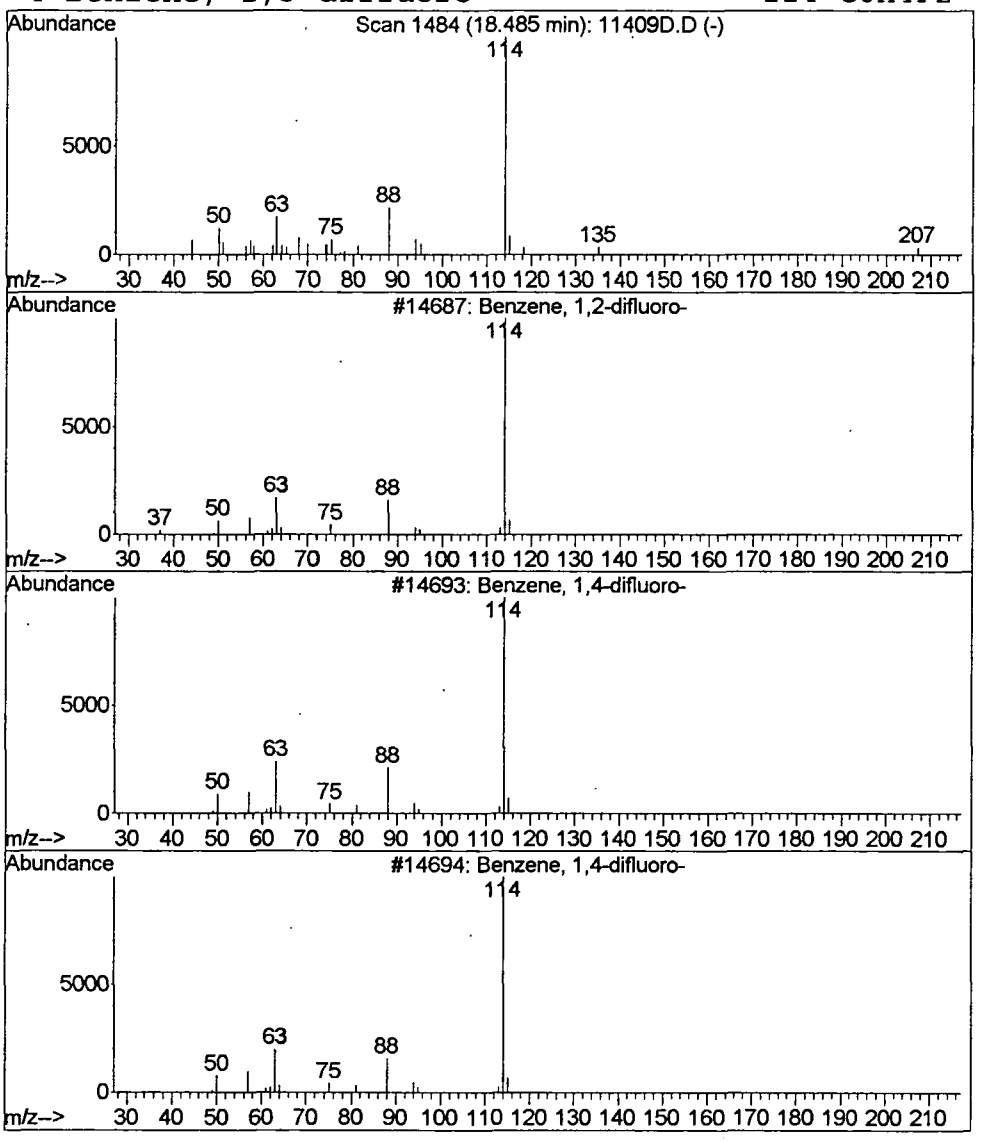
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

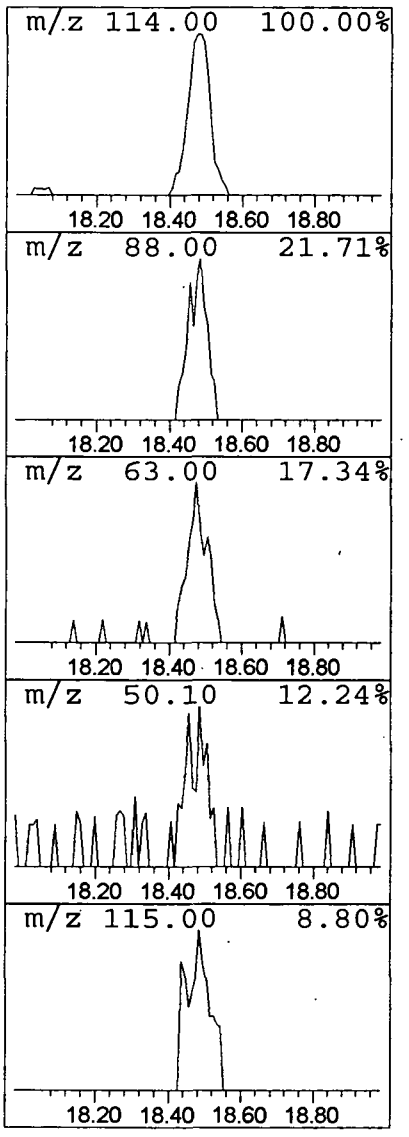
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	31848	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	86
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	83
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	83
4	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	80





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11409D.D Vial: 9
Acq On : 16 May 2002 5:10 pm Operator:
Sample : nyc; dup Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

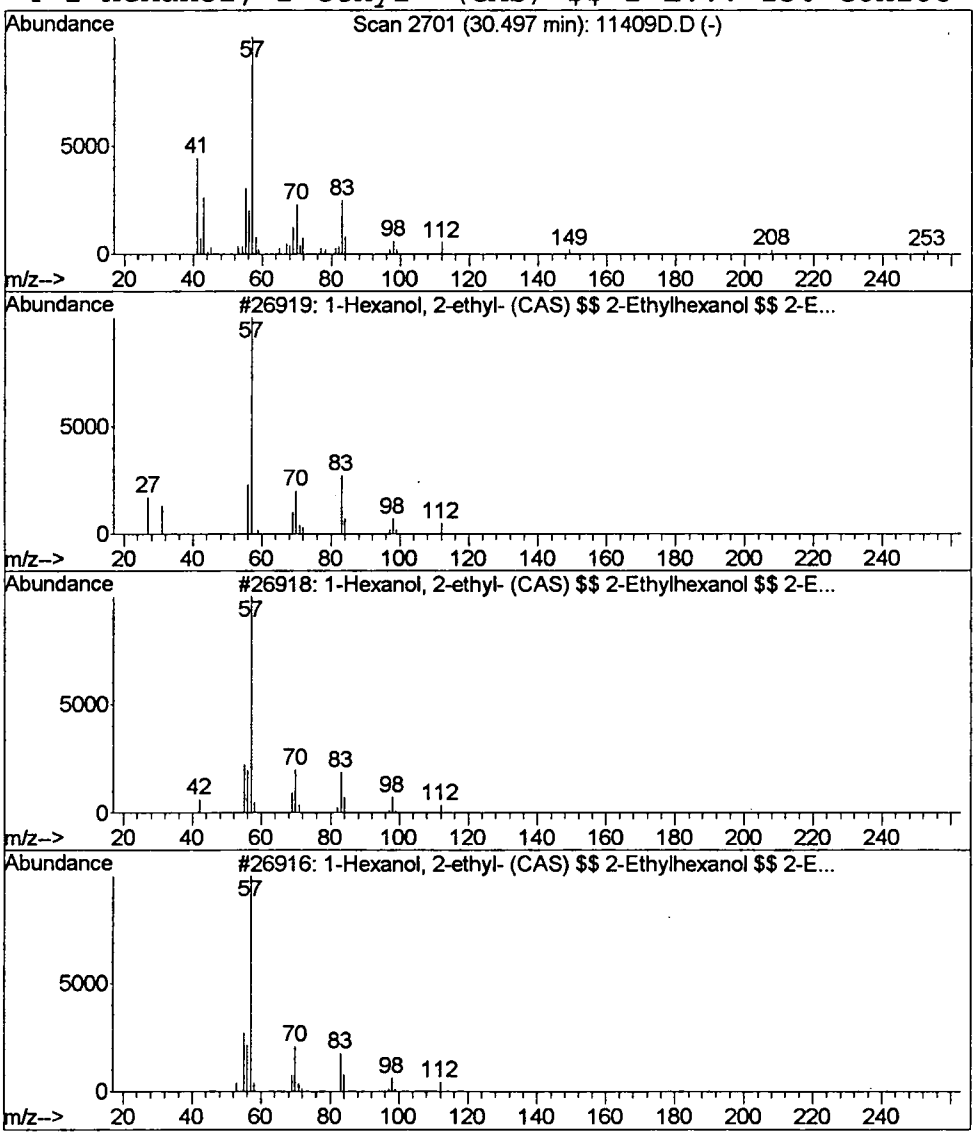
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

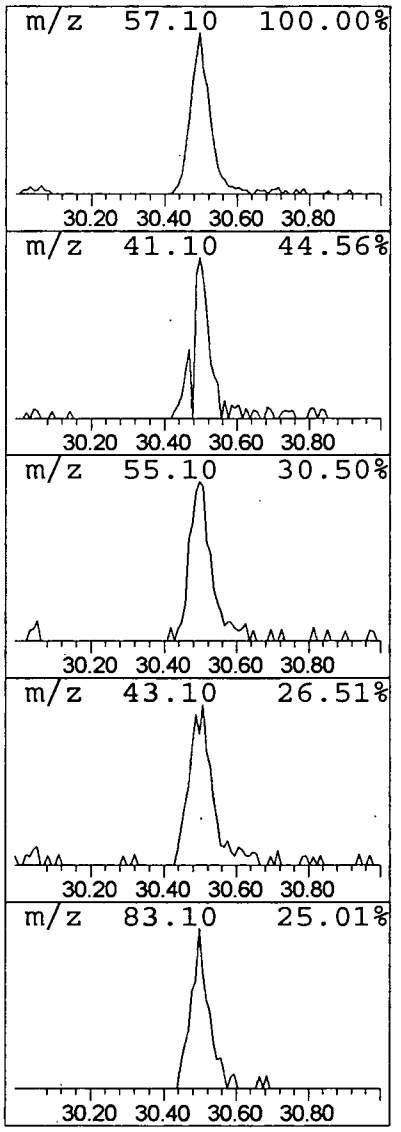
****

Peak Number 3 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.14 ug/L	83026	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	80
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	80
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:04:20

Sample: AE11410
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/16/02 17:57 Ended: 5/16/02 17:57 Analyst: BH
Result source: a:\11410.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.		< MRL		0.5
4	Chloromethane		< MRL		0.5
5	Vinyl chloride		< MRL		0.5
6	Bromomethane		< MRL		0.5
7	Chloroethane		< MRL		0.5
8	Trichlorofluoromethane		< MRL		0.5
9	1,1-Dichloroethene		< MRL		0.5
10	Methylene Chloride		< MRL		0.5
11	Methyl tert-butyl ether (MTBE)		< MRL		1.0
12	trans-1,2-dichloroethene		< MRL		0.5
13	1,1-dichloroethane		< MRL		0.5
14	2-butanone (MEK)		< MRL		2.0
15	2,2-dichloropropane		< MRL		0.5
16	cis-1,2-dichloroethene		< MRL		0.5
17	*THM-Chloroform		< MRL		0.5
18	Bromochloromethane		< MRL		0.5
19	1,2-dichloroethane		< MRL		0.5
20	Surr - TOLUENE-D8		4.8		0.5
21	1,1,1- trichloroethane		< MRL		0.5
22	1,1-dichloropropene		< MRL		0.5
23	Carbon tetrachloride		< MRL		0.5
24	Benzene		< MRL		0.5
25	Trichloroethene		< MRL		0.5
26	1,2-dichloropropane		< MRL		0.5
27	Dibromomethane		< MRL		0.5
28	*THM-Bromodichloromethane		< MRL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL		1.0
30	cis-1,3-dichloropropene		< MRL		0.5
31	Toluene		< MRL		0.5
32	trans-1,3-dichloropropene		< MRL		0.5
33	1,1,2-trichloroethane		< MRL		0.5
34	Tetrachloroethene		< MRL		0.5
35	1,3-dichloropropane		< MRL		0.5
36	*THM-Dibromochloromethane		< MRL		2.0
37	Chlorobenzene		< MRL		0.5
38	1,1,1,2-tetrachloroethane		< MRL		0.5
39	Ethylbenzene		< MRL		0.5
40	P & M-xylene		< MRL		0.5
41	O-xylene		< MRL		0.5
42	Styrene		< MRL		0.5
43	1,1,2,2-tetrachloroethane		< MRL		0.5
44	*THM-Bromoform		< MRL		2.0
45	Isopropylbenzene		< MRL		0.5
46	1,2,3-trichloropropane		< MRL		0.5
47	N-propylbenzene		< MRL		0.5
48	Bromobenzene		< MRL		0.5

REVIEWED BY AV
DATE 5/23/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:04:20

Sample: AE11410
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/16/02 17:57 Ended: 5/16/02 17:57 Analyst: BH
Result source: a:\11410.rr
Page: 2

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

Comments for Sample AE11410 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:37:20

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.13 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11410.D Vial: 10
Acq On : 16 May 2002 5:57 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 18:38:40 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

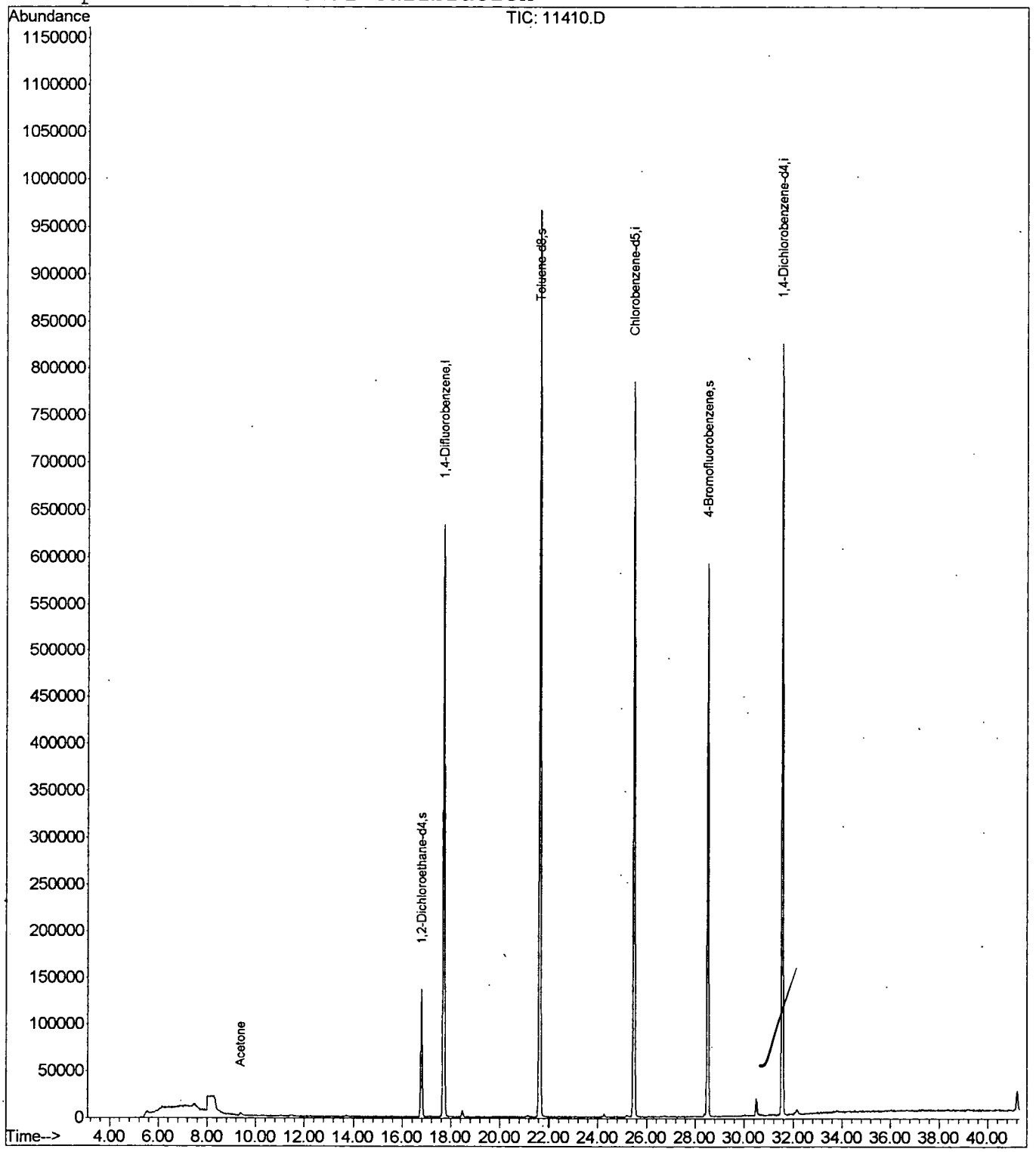
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1186595	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	1029382	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	796898	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	207811	4.81	ug/L	0.03
Spiked Amount 5.000			Recovery = 96.20%			
17) Toluene-d8	21.63	98	1533399	4.81	ug/L	0.02
Spiked Amount 5.000			Recovery = 96.20%			
54) 4-Bromofluorobenzene	28.51	95	487262	5.36	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.20%			
Target Compounds						Qvalue
11) Acetone	9.39	43	8134	2.49	ug/L	90

(#) = qualifier out of range (m) = manual integration
11410.D W042302.M Thu May 16 18:38:41 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11410.D Vial: 10
Acq On : 16 May 2002 5:57 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 18:38 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11410.D Vial: 10
Acq On : 16 May 2002 5:57 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

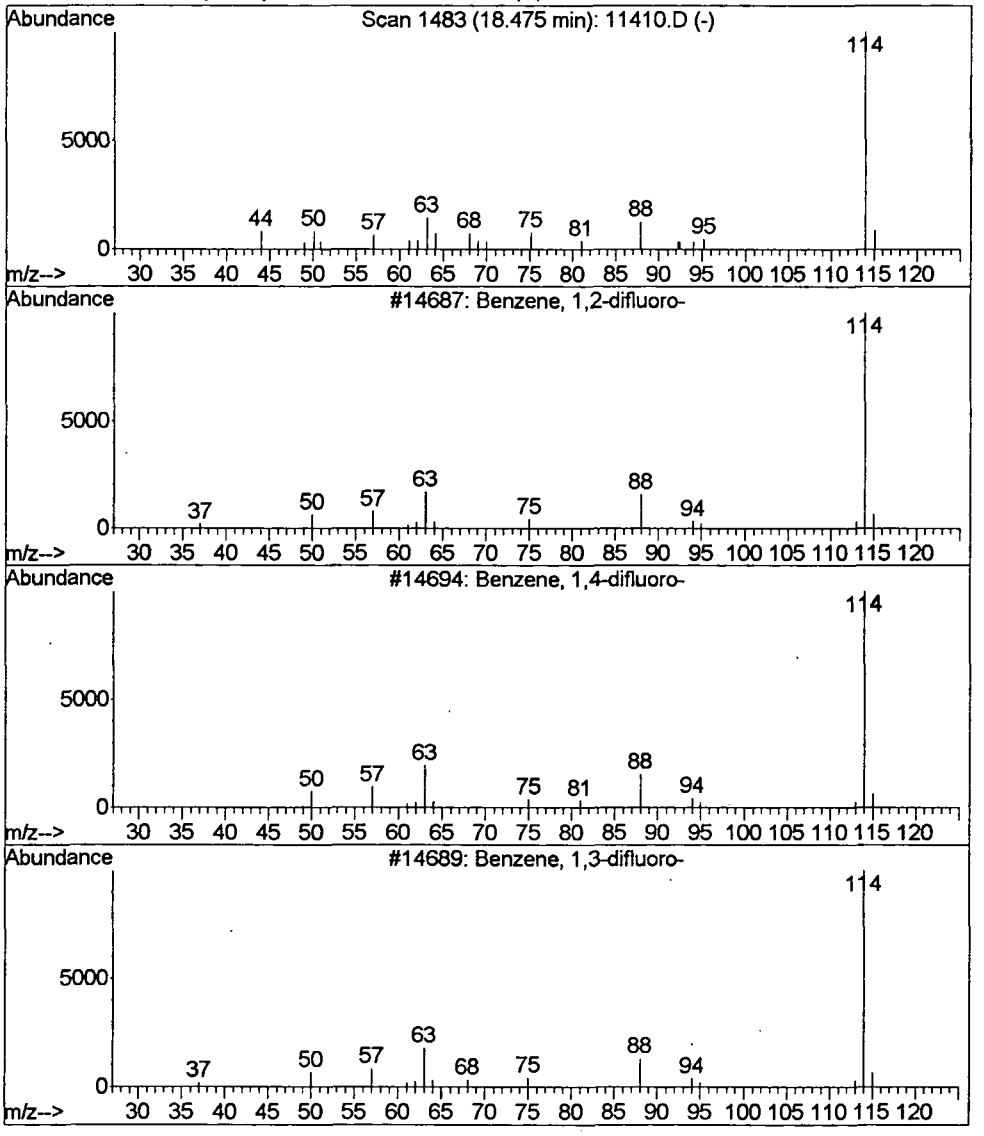
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

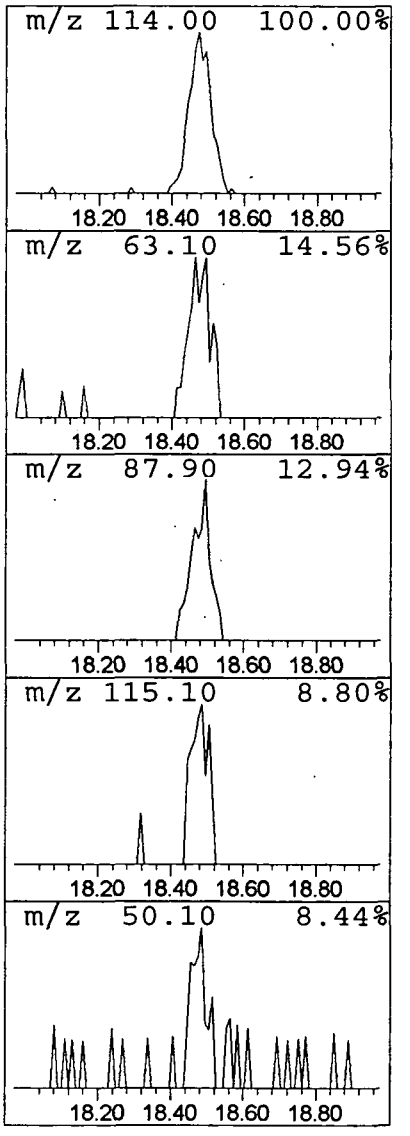
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	31098	1,4-Difluorobenzene	17.71

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





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11410.D Vial: 10
Acq On : 16 May 2002 5:57 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

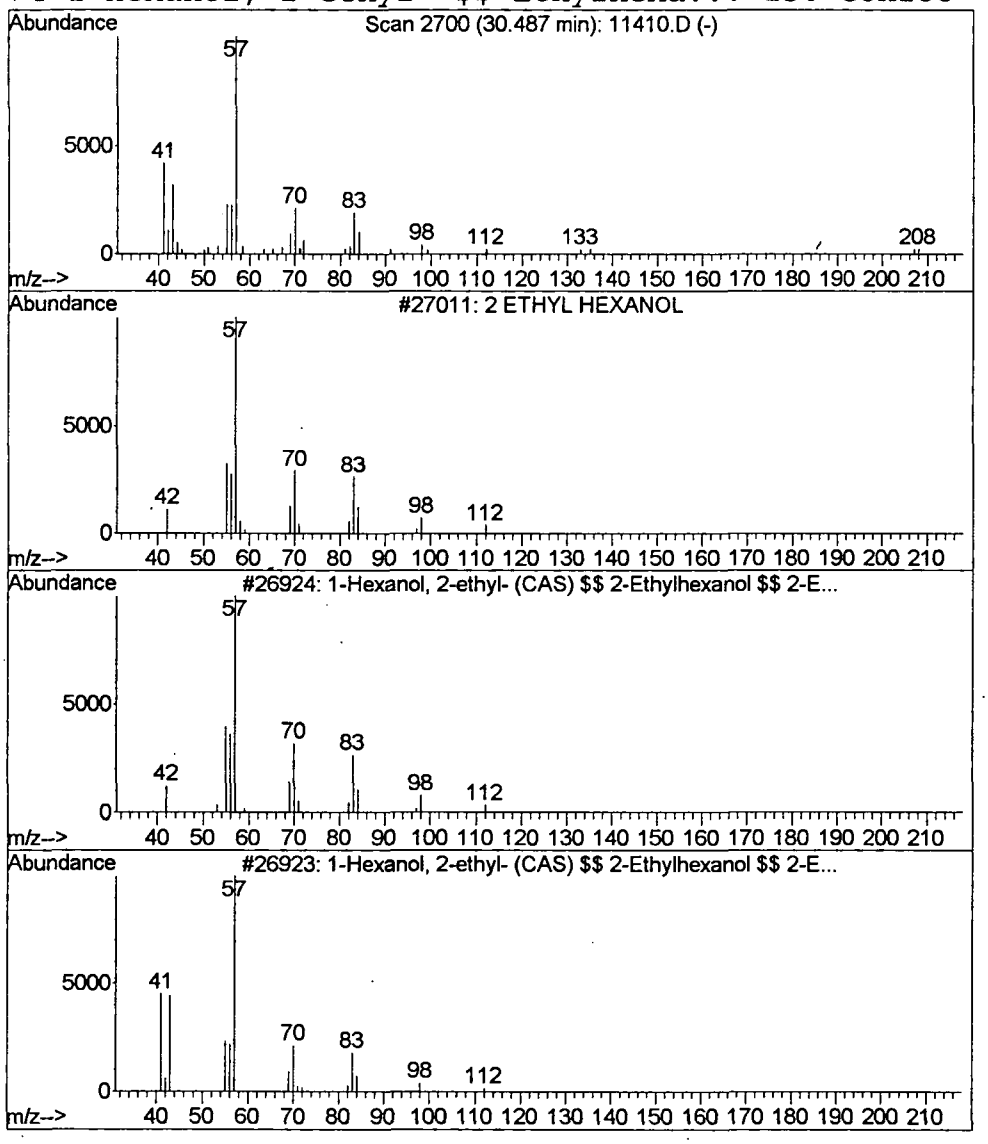
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

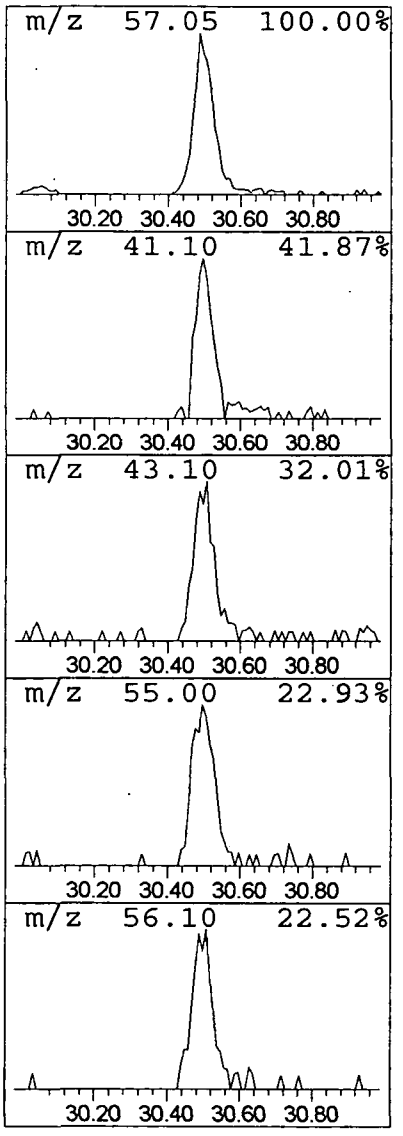
****

Peak Number 3 2 ETHYL HEXANOL Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.13 ug/L	74874	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2 ETHYL HEXANOL	130	C8H18O	000104-76-7	80
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	80
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl- $$ Ethylhexa...	130	C8H18O	000104-76-7	78





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:04:32

Sample: AE11411
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/16/02 18:43 Ended: 5/16/02 18:43 Analyst: BH
Result source: a:\11411.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		< MRL		0.5
4	Chloromethane		< MRL		0.5
5	Vinyl chloride		< MRL		0.5
6	Bromomethane		< MRL		0.5
7	Chloroethane		< MRL		0.5
8	Trichlorofluoromethane		< MRL		0.5
9	1,1-Dichloroethene		< MRL		0.5
10	Methylene Chloride		< MRL		0.5
11	Methyl tert-butyl ether (MTBE)		< MRL		1.0
12	trans-1,2-dichloroethene		< MRL		0.5
13	1,1-dichloroethane		< MRL		0.5
14	2-butanone (MEK)		< MRL		2.0
15	2,2-dichloropropane		< MRL		0.5
16	cis-1,2-dichloroethene		< MRL		0.5
17	*THM-Chloroform		< MRL		0.5
18	Bromochloromethane		< MRL		0.5
19	1,2-dichloroethane		< MRL		0.5
20	Surr - TOLUENE-D8		4.8		0.5
21	1,1,1- trichloroethane		< MRL		0.5
22	1,1-dichloropropene		< MRL		0.5
23	Carbon tetrachloride		< MRL		0.5
24	Benzene		< MRL		0.5
25	Trichloroethene		< MRL		0.5
26	1,2-dichloropropane		< MRL		0.5
27	Dibromomethane		< MRL		0.5
28	*THM-Bromodichloromethane		< MRL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL		1.0
30	cis-1,3-dichloropropene		< MRL		0.5
31	Toluene		< MRL		0.5
32	trans-1,3-dichloropropene		< MRL		0.5
33	1,1,2-trichloroethane		< MRL		0.5
34	Tetrachloroethene		< MRL		0.5
35	1,3-dichloropropane		< MRL		0.5
36	*THM-Dibromochloromethane		< MRL		2.0
37	Chlorobenzene		< MRL		0.5
38	1,1,1,2-tetrachloroethane		< MRL		0.5
39	Ethylbenzene		< MRL		0.5
40	P & M-xylene		< MRL		0.5
41	O-xylene		< MRL		0.5
42	Styrene		< MRL		0.5
43	1,1,2,2-tetrachloroethane		< MRL		0.5
44	*THM-Bromoform		< MRL		2.0
45	Isopropylbenzene		< MRL		0.5
46	1,2,3-trichloropropane		< MRL		0.5
47	N-propylbenzene		< MRL		0.5
48	Bromobenzene		< MRL		0.5

REVIEWED BY AV
DATE 5/23/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:04:32

Sample: AE11411
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/16/02 18:43 Ended: 5/16/02 18:43 Analyst: BH
Result source: a:\11411.rr
Page: 2

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

Comments for Sample AE11411 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:39:21

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.14 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11411.D Vial: 11
Acq On : 16 May 2002 6:43 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 19:25:06 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

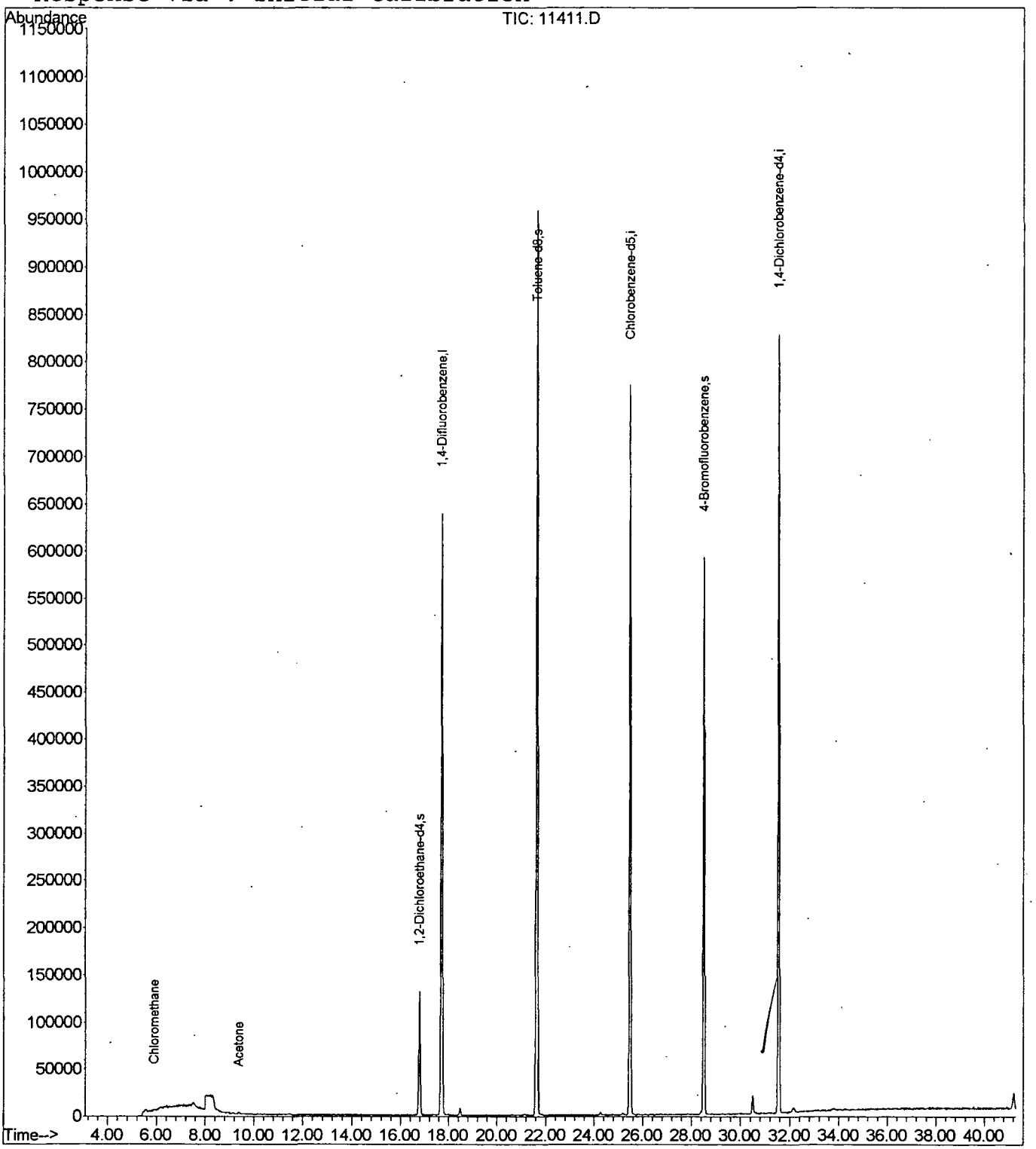
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1182206	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	1025329	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	791620	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	205727	4.78	ug/L	0.03
Spiked Amount 5.000			Recovery = 95.60%			
17) Toluene-d8	21.63	98	1511080	4.76	ug/L	0.02
Spiked Amount 5.000			Recovery = 95.20%			
54) 4-Bromofluorobenzene	28.51	95	488181	5.41	ug/L	0.00
Spiked Amount 5.000			Recovery = 108.20%			
Target Compounds						Qvalue
4) Chloromethane	5.92	50	4305	0.08	ug/L	90
11) Acetone	9.38	43	5495	1.69	ug/L	95

(#) = qualifier out of range (m) = manual integration
11411.D W042302.M Thu May 16 19:25:07 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11411.D Vial: 11
Acq On : 16 May 2002 6:43 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 19:25 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11411.D Vial: 11
Acq On : 16 May 2002 6:43 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

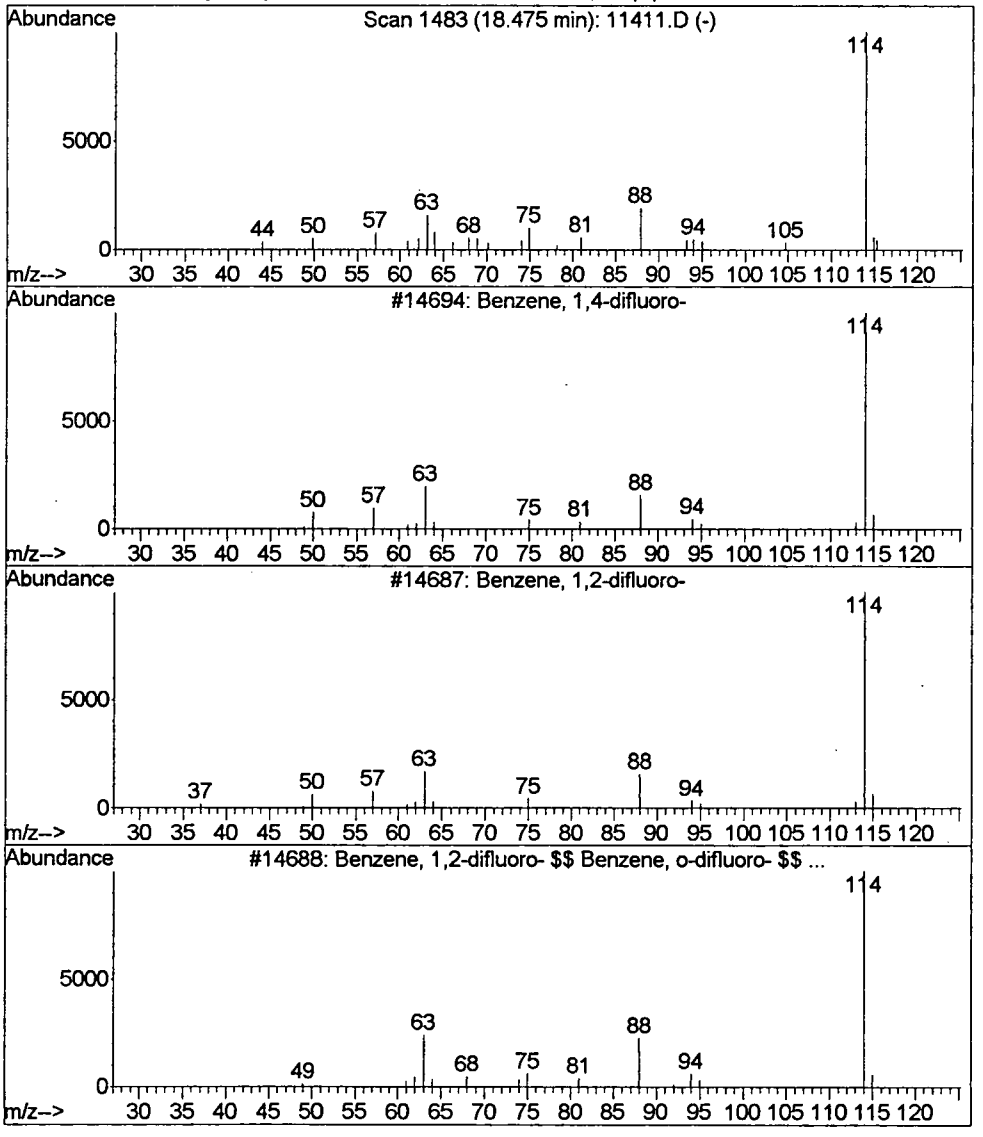
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

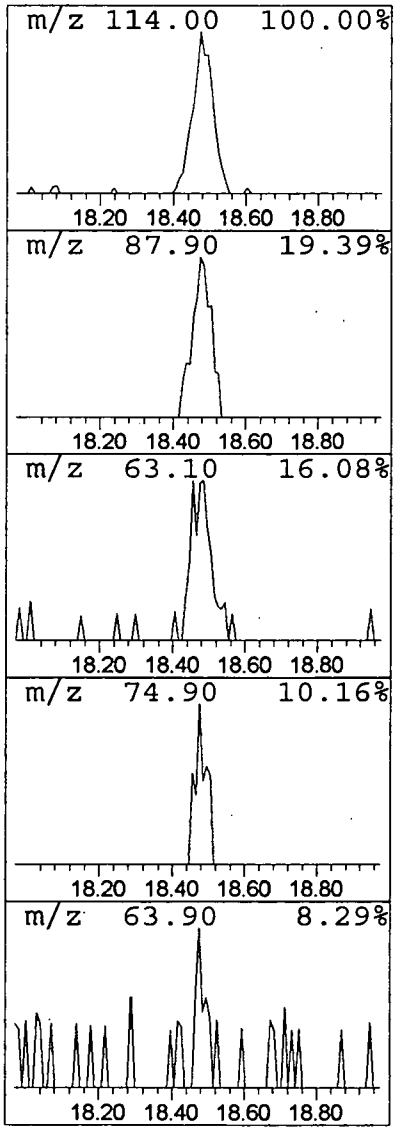
****

Peak Number 2 Benzene, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	29744	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	86
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	86
3	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	83
4	Benzene, 1,3-difluoro- (CAS) $$ ...	114	C6H4F2	000372-18-9	81





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11411.D Vial: 11
Acq On : 16 May 2002 6:43 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

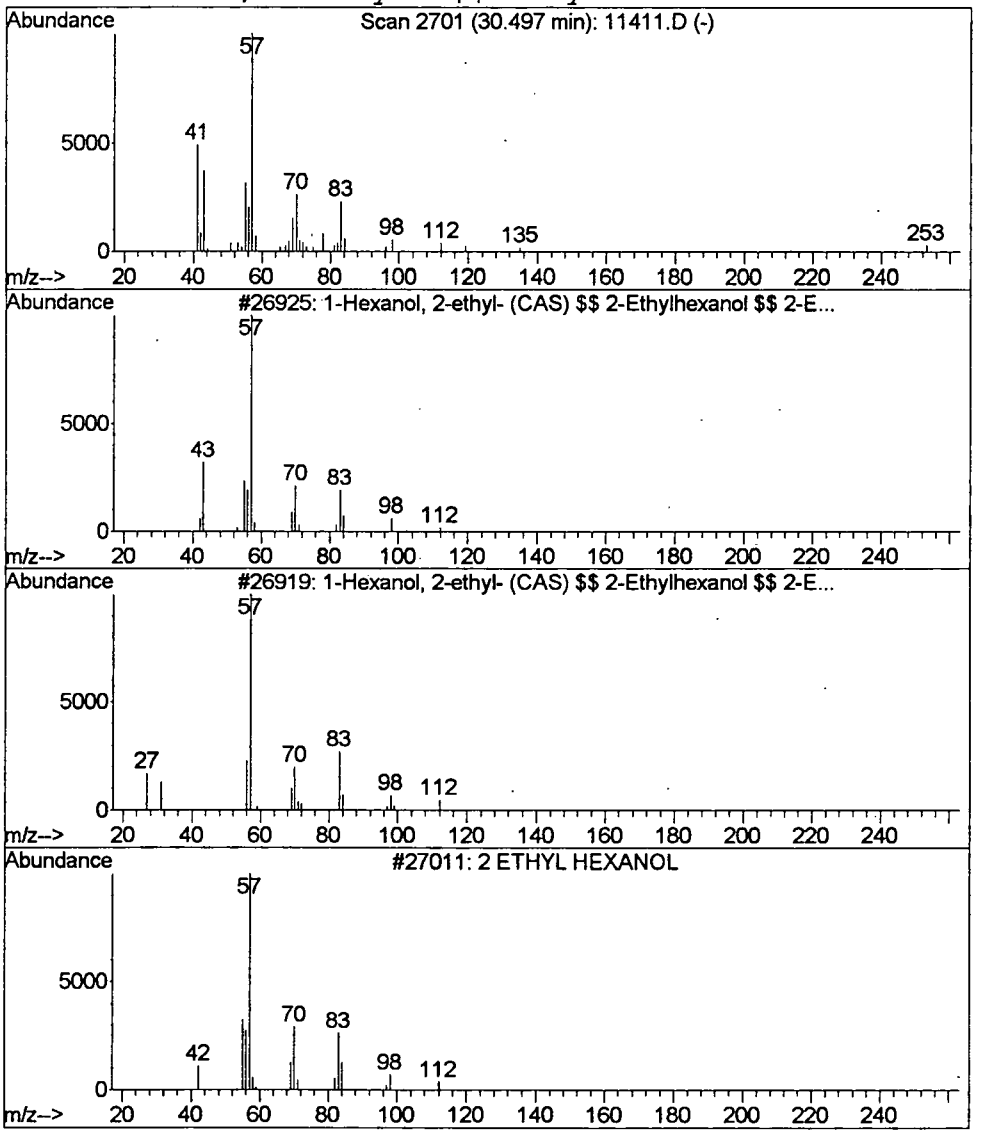
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

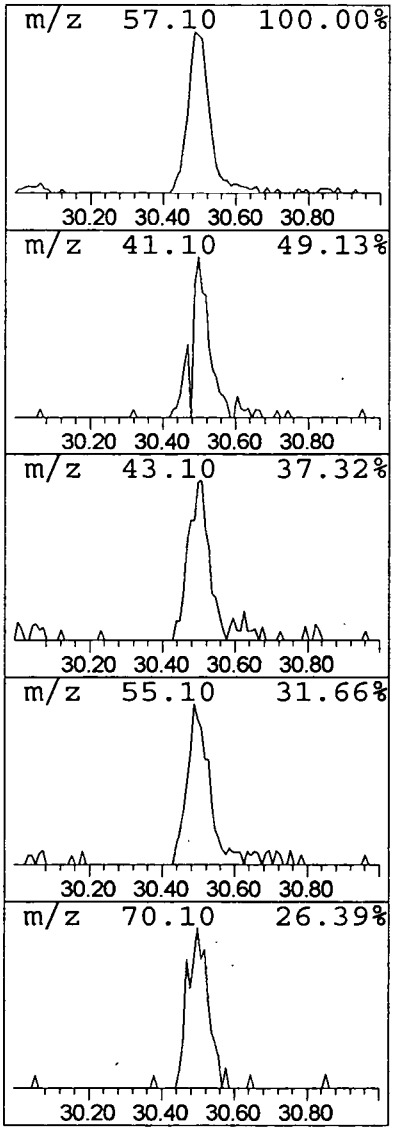
****

Peak Number 3 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.14 ug/L	81659	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59
3	2 ETHYL HEXANOL	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl- $$ Ethylhexa...	130	C8H18O	000104-76-7	53





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:05:33

Sample: AE11413
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/17/02 15:04 Ended: 5/17/02 15:04 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		5.4		0.5
3	Dichlorodifluoromethane		< MRL		0.5
4	Chloromethane		< MRL		0.5
5	Vinyl chloride		< MRL		0.5
6	Bromomethane		< MRL		0.5
7	Chloroethane		< MRL		0.5
8	Trichlorofluoromethane		< MRL		0.5
9	1,1-Dichloroethene		< MRL		0.5
10	Methylene Chloride		< MRL		0.5
11	Methyl tert-butyl ether (MTBE)		< MRL		1.0
12	trans-1,2-dichloroethene		< MRL		0.5
13	1,1-dichloroethane		< MRL		0.5
14	2-butanone (MEK)		< MRL		2.0
15	2,2-dichloropropane		< MRL		0.5
16	cis-1,2-dichloroethene		< MRL		0.5
17	*THM-Chloroform		< MRL		0.5
18	Bromochloromethane		< MRL		0.5
19	1,2-dichloroethane		< MRL		0.5
20	Surr - TOLUENE-D8		4.8		0.5
21	1,1,1- trichloroethane		< MRL		0.5
22	1,1-dichloropropene		< MRL		0.5
23	Carbon tetrachloride		< MRL		0.5
24	Benzene		< MRL		0.5
25	Trichloroethene		< MRL		0.5
26	1,2-dichloropropane		< MRL		0.5
27	Dibromomethane		< MRL		0.5
28	*THM-Bromodichloromethane		< MRL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MRL		1.0
30	cis-1,3-dichloropropene		< MRL		0.5
31	Toluene		< MRL		0.5
32	trans-1,3-dichloropropene		< MRL		0.5
33	1,1,2-trichloroethane		< MRL		0.5
34	Tetrachloroethene		< MRL		0.5
35	1,3-dichloropropane		< MRL		0.5
36	*THM-Dibromochloromethane		< MRL		2.0
37	Chlorobenzene		< MRL		0.5
38	1,1,1,2-tetrachloroethane		< MRL		0.5
39	Ethylbenzene		< MRL		0.5
40	P & M-xylene		< MRL		0.5
41	O-xylene		< MRL		0.5
42	Styrene		< MRL		0.5
43	1,1,2,2-tetrachloroethane		< MRL		0.5
44	*THM-Bromoform		< MRL		2.0
45	Isopropylbenzene		< MRL		0.5
46	1,2,3-trichloropropane		< MRL		0.5
47	N-propylbenzene		< MRL		0.5
48	Bromobenzene		< MRL		0.5

REVIEWED BY AV
DATE 5/23/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 15:05:33

Sample: AE11413
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/17/02 15:04 Ended: 5/17/02 15:04 Analyst: BH
Result source: manual entry
Page: 2

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

Comments for Sample AE11413 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:40:01

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.10 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11413.D Vial: 12
Acq On : 16 May 2002 7:30 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 20:11:43 2002 Quant Results File: W042302.RES

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration
DataAcq Meth : W042302

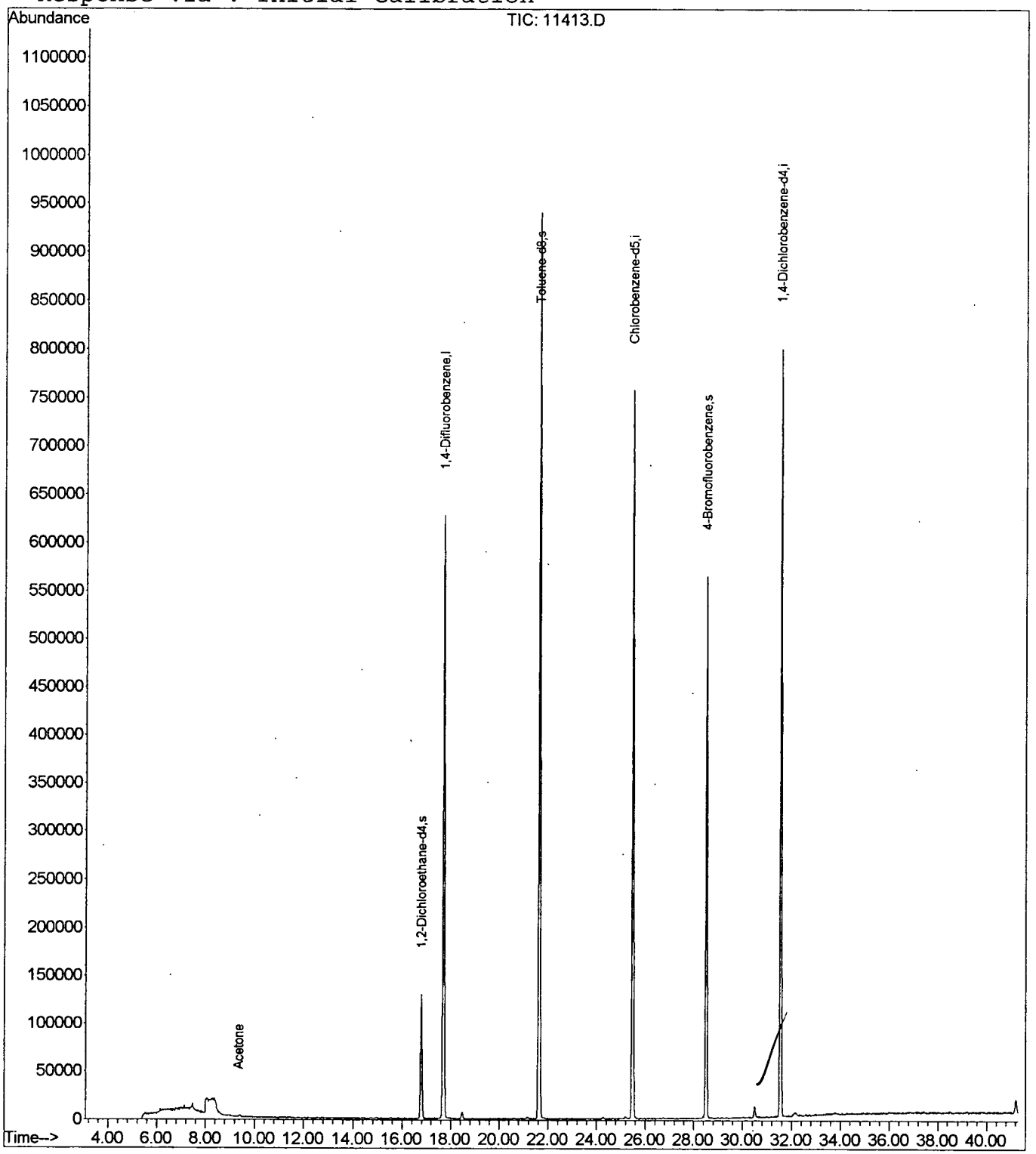
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1166048	5.00	ug/L	0.02
27) Chlorobenzene-d5	25.47	117	997239	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	765648	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	198861	4.69	ug/L	0.03
Spiked Amount 5.000			Recovery = 93.80%			
17) Toluene-d8	21.63	98	1492196	4.77	ug/L	0.02
Spiked Amount 5.000			Recovery = 95.40%			
54) 4-Bromofluorobenzene	28.51	95	467572	5.35	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
11) Acetone	9.37	43	5075	1.58	ug/L	97

(#) = qualifier out of range (m) = manual integration
11413.D W042302.M Thu May 16 20:11:44 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may16\11413.D Vial: 12
Acq On : 16 May 2002 7:30 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 16 20:11 2002 Quant Results File: W042302.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\W042302.M (RTE Integrator)
Title : VOC method 8260
Last Update : Wed May 01 09:30:08 2002
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11413.D Vial: 12
Acq On : 16 May 2002 7:30 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

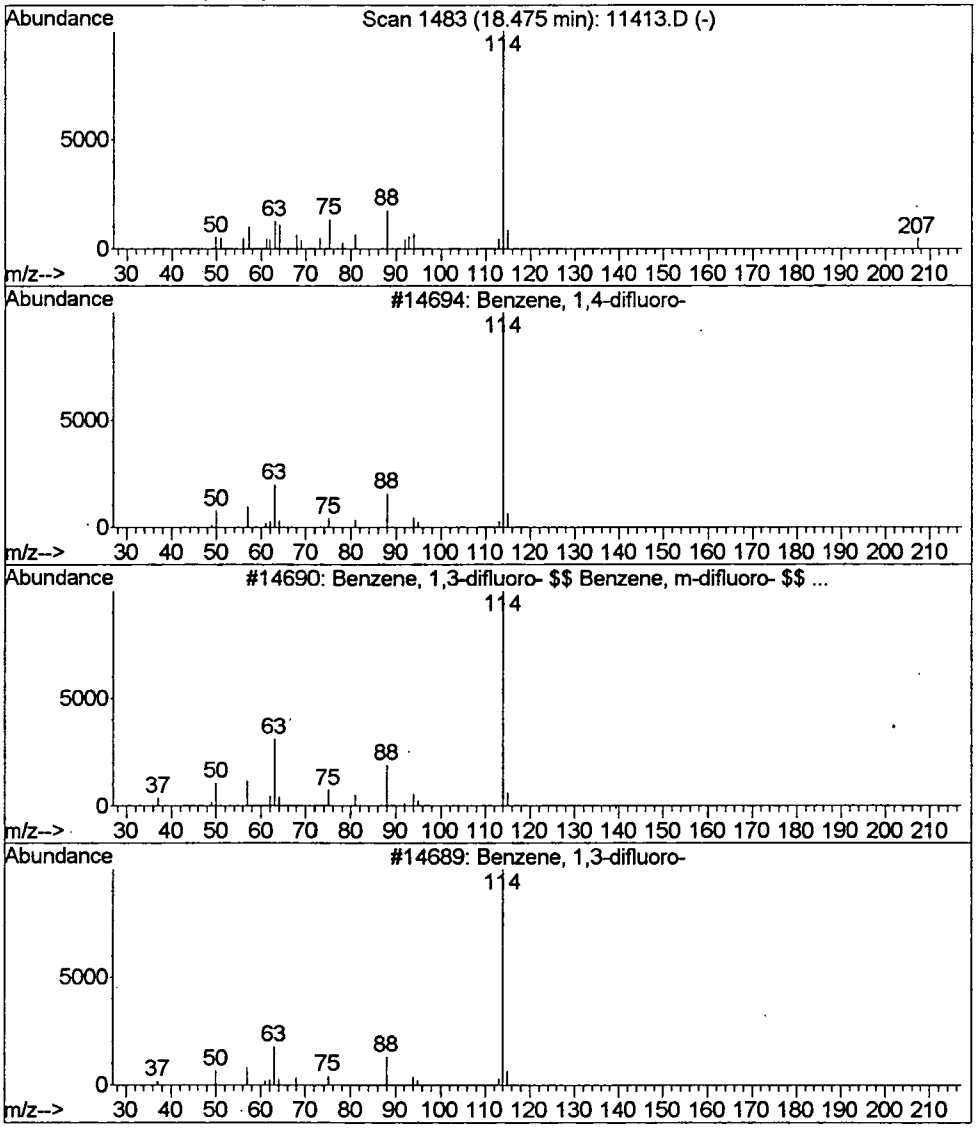
Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

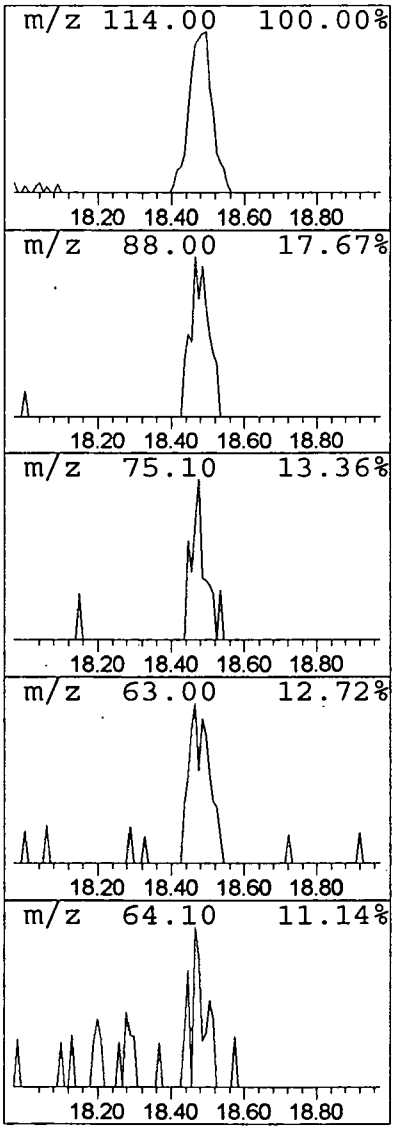
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	29874	1,4-Difluorobenzene	17.71

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





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY16\11413.D Vial: 12
Acq On : 16 May 2002 7:30 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

Quant Method : C:\MSDCHEM\1...\W042302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

****

Peak Number 4 2 ETHYL HEXANOL Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.51	0.10 ug/L	55461	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2 ETHYL HEXANOL	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	64