User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:22:53

Sample: AE11575
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/20/02 08:27 Ended: 5/20/02 08:27 Analyst: BH
Result source: a:\0520b1.rr
Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.1
2	Surr - 4-BROMOFLUOROBENZ		5.5
3	DICHLORODIFLUOROMETHAN		< MRL
4	CHLOROMETHANE		< MRL
5	VINYL CHLORIDE		< MRL
6	BROMOMETHANE		< MRL
7	CHLOROETHANE		< MRL
8	TRICHLOROFLUOROMETHANE		< MRL
9	ACETONE		2.8
10	1,1-DICHLOROETHENE		< MRL
11	METHYLENE CHLORIDE		0.14
12	METHYL TERT BUTYL ETHER		< MRL
13	TRANS-1,2-DICHLOROETHEN		< MRL
14	1,1-DICHLOROETHANE		< MRL
15	2-BUTANONE (MEK)		0.18
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		5.2
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

lab cont

No FB's

Reviewed by, 8/12/02

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Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:22:53

Sample: AE11575
Analysis: $B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 5/20/02 08:27 Ended: 5/20/02 08:27 Analyst: BH
Result source: a:\0520b1.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\02MAY20\0520B1.D Vial: 3
Acq On : 20 May 2002 8:27 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 09:09:00 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 : W050302

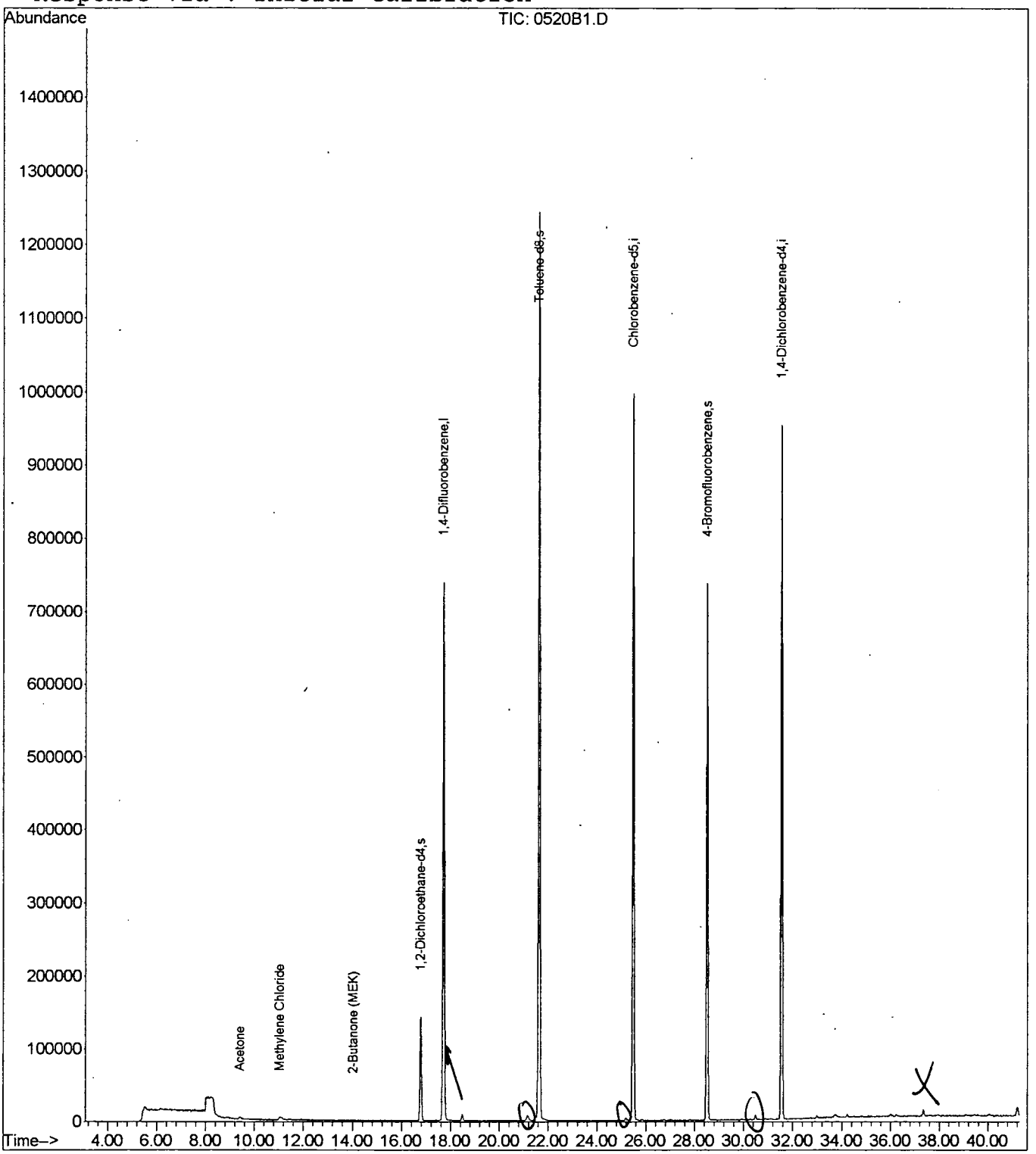
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1439920	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.48	117	1376401	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	985606	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	217449	4.14	ug/L	0.00
Spiked Amount 5.000			Recovery = 82.80%			
17) Toluene-d8	21.63	98	2040028	5.15	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.00%			
54) 4-Bromofluorobenzene	28.51	95	637290	5.45	ug/L	0.00
Spiked Amount 5.000			Recovery = 109.00%			
Target Compounds						Qvalue
11) Acetone	9.40	43	10911	2.81	ug/L	95
13) Methylene Chloride	11.03	49	7307	0.14	ug/L	84
18) 2-Butanone (MEK)	14.04	43	958	0.18	ug/L	85

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY20\0520B1.D Vial: 3
Acq On : 20 May 2002 8:27 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 9:09 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\02MAY20\0520B1.D Vial: 3
Acq On : 20 May 2002 8:27 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

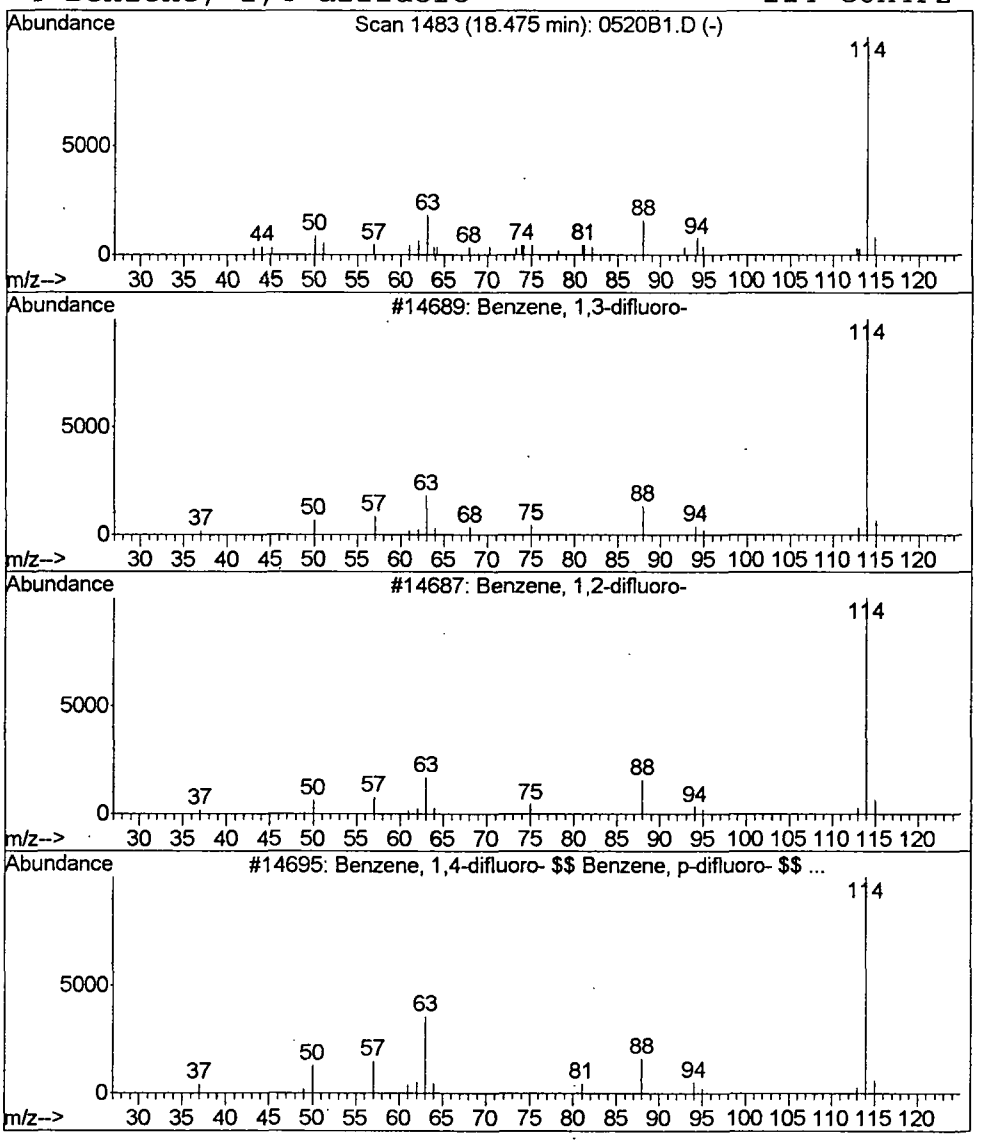
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

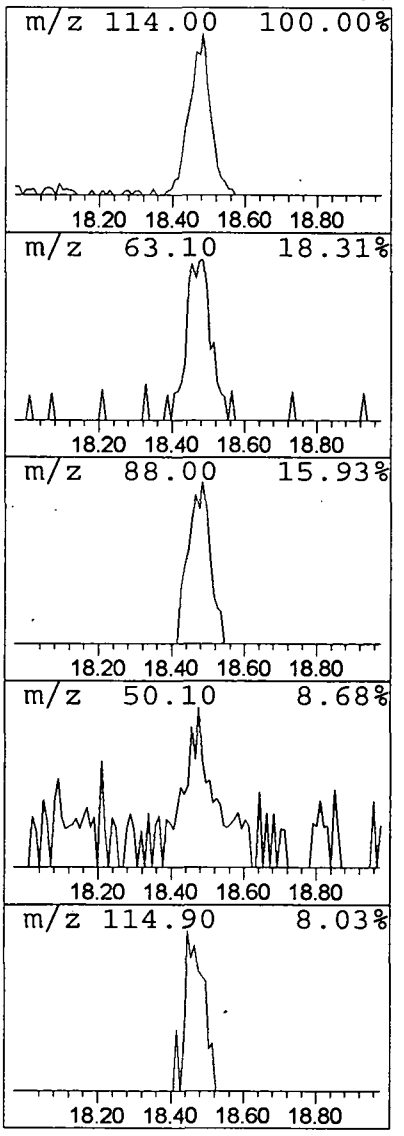
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	37861	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	91
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	90
3	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	87
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	86





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY20\0520B1.D Vial: 3
Acq On : 20 May 2002 8:27 am Operator:
Sample : lb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

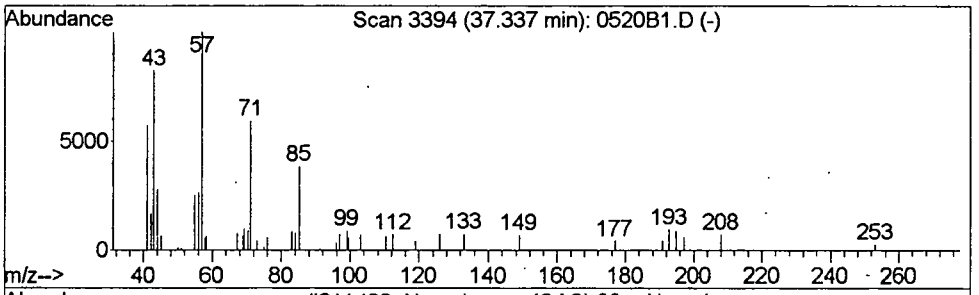
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

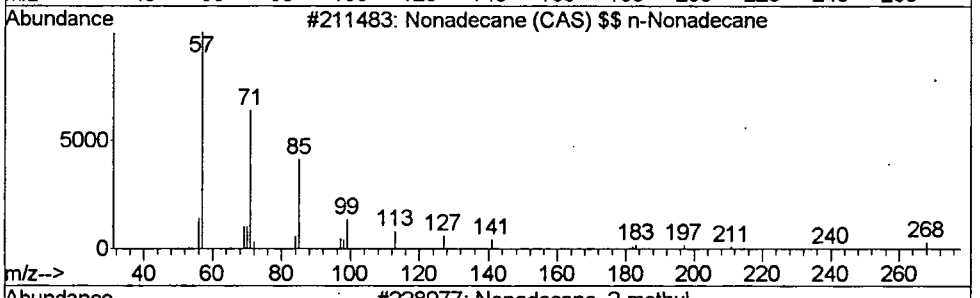
****

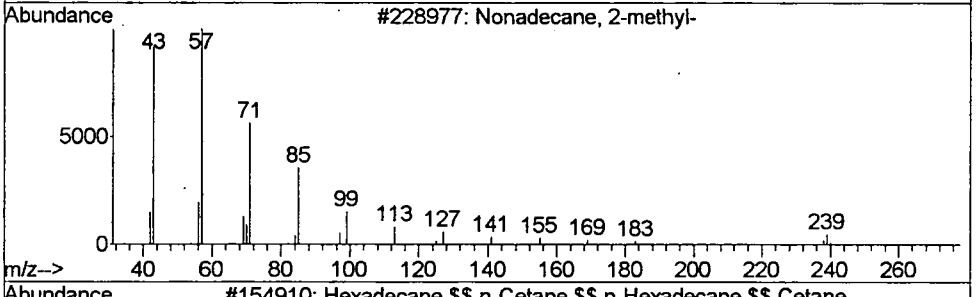
Peak Number 5 Nonadecane (CAS) $$ n-Nonad... Concentration Rank 3

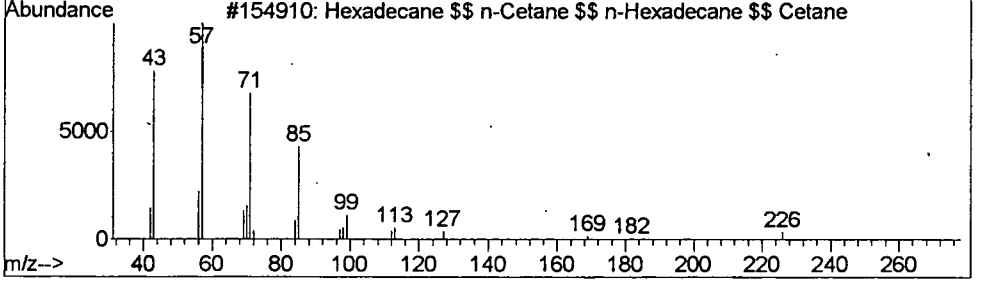
R.T.	EstConc	Area	Relative to ISTD	R.T.
37.34	0.05 ug/L	39139	1,4-Dichlorobenzene-d4	31.54

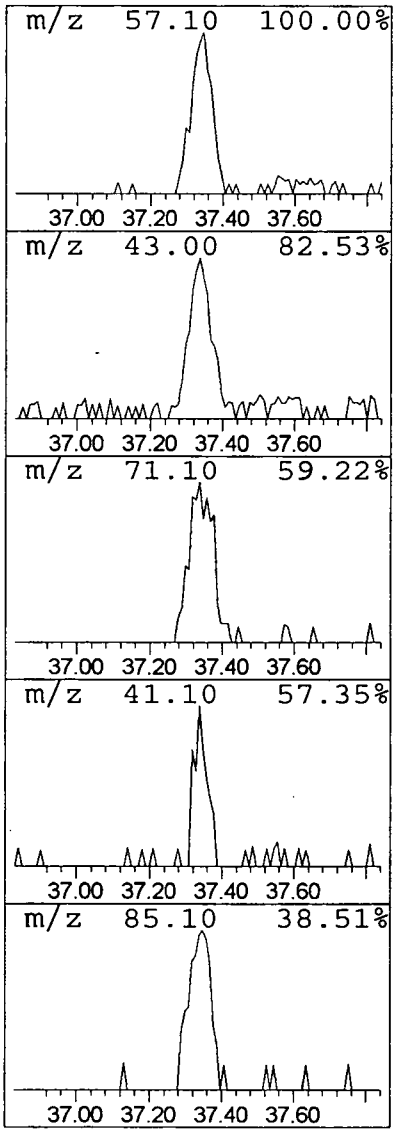
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane (CAS) $$ n-Nonadecane	268	C19H40	000629-92-5	59
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	58
3	Hexadecane $$ n-Cetane $$ n-Hexa...	226	C16H34	000544-76-3	53
4	Dotriacontane	451	C32H66	000544-85-4	52











Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may18\0520C10.D Vial: 4
Acq On : 20 May 2002 9:14 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 09:55:42 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 : W050302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1323329	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1158983	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	961762	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	231501	4.79	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.80%			
17) Toluene-d8	21.62	98	1730487	4.76	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.20%			
54) 4-Bromofluorobenzene	28.51	95	568220	4.98	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.60%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	396311	9.99	ug/L	100
4) Chloromethane	5.92	50	606587	10.06	ug/L	99
5) Vinyl Chloride	6.18	62	592788	9.77	ug/L	99
6) Bromomethane	7.29	94	253610	8.01	ug/L	100
7) Chloroethane	7.46	64	370287	10.00	ug/L	99
8) Trichlorofluoromethane	8.13	101	639894	8.68	ug/L	98
11) Acetone	9.39	43	130316	36.55	ug/L	92
12) 1,1-Dichloroethene	9.78	61	521003	8.53	ug/L	98
13) Methylene Chloride	11.04	49	454265	9.39	ug/L	94
14) Methyl tert-butyl ether	11.45	73	515743	11.87	ug/L	97
15) trans-1,2-Dichloroethene	11.85	61	562499	8.93	ug/L	97
16) 1,1-Dichloroethane	12.96	63	710015	9.04	ug/L	100
18) 2-Butanone (MEK)	14.02	43	190609	38.73	ug/L	96
19) 2,2-Dichloropropane	14.43	77	181050	2.70	ug/L	91
20) cis-1,2-Dichloroethene	14.55	61	536216	9.27	ug/L	95
21) Chloroform	14.95	83	644317	9.32	ug/L	99
22) Bromochloromethane	15.41	49	228717	9.24	ug/L	93
23) 1,1,1-Trichloroethane	16.01	97	603960	8.87	ug/L	97
24) 1,1-Dichloropropene	16.39	75	594818	8.87	ug/L	98
25) Carbon Tetrachloride	16.69	117	500936	8.95	ug/L	99
26) 1,2-Dichloroethane	17.02	62	315014	9.25	ug/L	99
28) Benzene	17.11	78	1897381	9.18	ug/L	100
29) Trichloroethene	18.62	95	452933	9.02	ug/L	97
30) 1,2-Dichloropropane	19.06	63	385191	9.70	ug/L	99
31) Bromodichloromethane	19.66	83	401285	9.83	ug/L	98
32) Dibromomethane	19.84	93	113526	9.79	ug/L	96
33) 2-Chloroethyl vinyl ether	20.28	63	327509	7.92	ug/L	92
34) Methyl iso-butyl ketone	20.39	43	491443	38.31	ug/L	98
35) cis-1,3-Dichloropropene	20.96	75	423643	8.70	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may18\0520C10.D Vial: 4
Acq On : 20 May 2002 9:14 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 09:55:42 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 : W050302

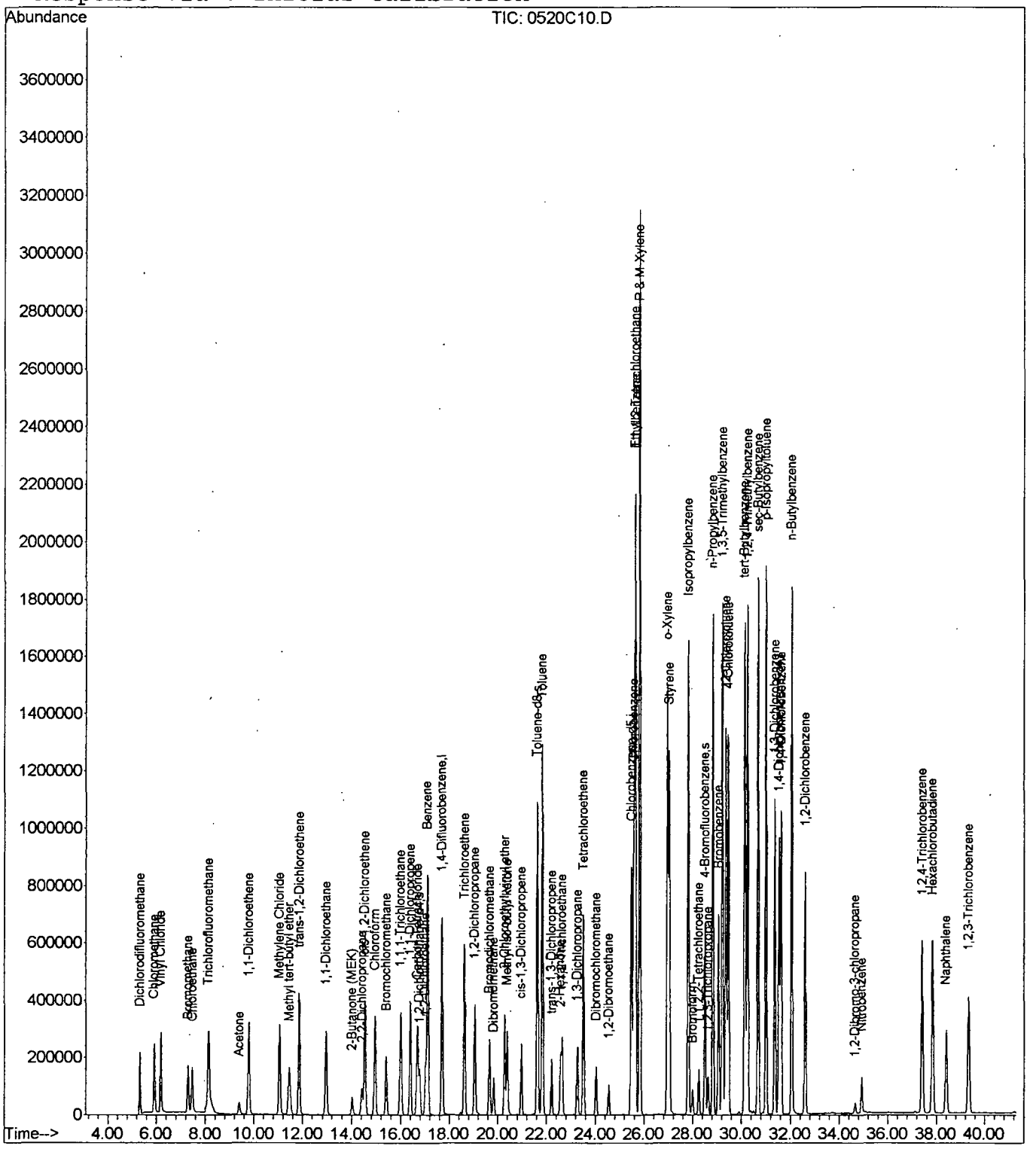
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.83	91	2359317	8.93	ug/L	100
37)	trans-1,3-Dichloropropene	22.20	75	302727	8.63	ug/L	97
38)	2-Hexanone	22.57	43	318739	37.28	ug/L	99
39)	1,1,2-Trichloroethane	22.63	97	193091	9.48	ug/L	92
40)	1,3-Dichloropropane	23.26	76	359496	9.88	ug/L	98
41)	Tetrachloroethene	23.50	166	477621	8.89	ug/L	97
42)	Dibromochloromethane	24.02	129	206963	10.20	ug/L	99
43)	1,2-Dibromoethane	24.55	107	163254	9.97	ug/L	98
44)	Chlorobenzene	25.57	112	1358555	8.85	ug/L	98
45)	1,1,1,2-Tetrachloroethane	25.64	131	360595	9.80	ug/L	99
46)	Ethylbenzene	25.64	91	2781056	8.60	ug/L	98
47)	P & M-Xylene	25.83	91	4403852	17.47	ug/L	99
48)	o-Xylene	26.96	91	2142837	9.29	ug/L	96
49)	Styrene	27.03	104	1527984	8.52	ug/L	99
50)	Isopropylbenzene	27.82	105	2685261	8.13	ug/L	99
52)	Bromoform	28.00	173	92421	10.37	ug/L	100
53)	1,1,2,2-Tetrachloroethane	28.26	83	186769	9.08	ug/L	99
55)	1,2,3-Trichloropropane	28.63	75	147538	8.89	ug/L	97
56)	n-Propylbenzene	28.84	91	3316480	8.34	ug/L	99
57)	Bromobenzene	29.07	77	795209	8.75	ug/L	96
58)	1,3,5-Trimethylbenzene	29.22	105	2395408	8.88	ug/L	99
59)	2-Chlorotoluene	29.37	91	1948783	8.79	ug/L	98
60)	4-Chlorotoluene	29.47	91	1860128	8.54	ug/L	97
61)	tert-Butylbenzene	30.14	119	2092231	8.81	ug/L	100
62)	1,2,4-Trimethylbenzene	30.25	105	2415024	8.96	ug/L	99
63)	sec-Butylbenzene	30.68	105	3166439	8.42	ug/L	99
64)	p-Isopropyltoluene	31.00	119	2658538	8.52	ug/L	99
65)	1,3-Dichlorobenzene	31.37	146	1080020	8.98	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	1018858	8.81	ug/L	99
67)	n-Butylbenzene	32.05	91	2442043	8.13	ug/L	99
68)	1,2-Dichlorobenzene	32.60	146	829101	9.19	ug/L	99
69)	1,2-Dibromo-3-chloropropan	34.65	157	28203	9.72	ug/L	98
70)	Nitrobenzene	34.93	77	156397	270.10	ug/L	98
71)	1,2,4-Trichlorobenzene	37.42	180	550810	10.14	ug/L	99
72)	Hexachlorobutadiene	37.84	225	357396	8.38	ug/L	99
73)	Naphthalene	38.40	128	735157	11.69	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	411754	10.51	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may18\0520C10.D Vial: 4
Acq On : 20 May 2002 9:14 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 9:55 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: 05/22/2002 Time: 14:24:05

Sample: AE11575
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/20/02 11:23 Ended: 5/20/02 11:23 Analyst: BH
Result source: a:\0520c10a.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		4.8	.5
2	Surr_4-BROMOFLUOROBENZE		5.0	.5
3	Dichlorodifluoromethane		9.8	.5
4	Chloromethane		11	.5
5	Vinyl chloride		11	.5
6	Bromomethane		10	.5
7	Chloroethane		11	.5
8	Trichlorofluoromethane		10	.5
9	1,1-Dichloroethene		10	.5
10	Methylene Chloride		10	.5
11	Methyl tert-butyl ether		13	1.0
12	trans-1,2-dichloroethene		10	.5
13	1,1-dichloroethane		10	.5
14	2-butanone (MEK)		50	2.0
15	2,2-dichloropropane		10	.5
16	cis-1,2-dichloroethene		10	.5
17	Chloroform		10	.5
18	Bromochloromethane		10	.5
19	1,2-dichloroethane		10	.5
20	Surr_TOLUENE-D8		4.8	.5
21	1,1,1- trichloroethane		10	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		10	.5
24	Benzene		10	.5
25	Trichloroethene		9.9	.5
26	1,2-dichloropropane		11	.5
27	Dibromomethane		11	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		46	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		9.8	.5
32	trans-1,3-dichloropropene		12	.5
33	1,1,2-trichloroethane		10	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		11	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		9.7	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		9.6	.5
40	P & M-xylene		20	.5
41	O-xylene		10	.5
42	Styrene		9.3	.5
43	1,1,2,2-tetrachloroethane		11	.5
44	Bromoform		12	2.0
45	Isopropylbenzene		9.1	.5
46	1,2,3-trichloropropane		10	.5
47	N-propylbenzene		9.7	.5
48	Bromobenzene		9.8	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:24:05

Sample: AE11575
Analysis: $C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 5/20/02 11:23 Ended: 5/20/02 11:23 Analyst: BH
Result source: a:\0520c10a.rr
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		10	.5
50	2-chlorotoluene		10	.5
51	4-chlorotoluene		9.7	.5
52	TERT-butylbenzene		10	.5
53	1,2,4-trimethylbenzene		10	.5
54	SEC-butylbenzene		9.8	.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		12	.5
61	Hexachlobutadiene		11	.5
62	Naphthalene	USPEC	14	.5
63	1,2,3-trichlorobenzene		12	.5
64	Nitrobenzene	USPEC	340	5.0

samples < LOD

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520C10A.D Vial: 5
Acq On : 20 May 2002 11:23 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 12:04:44 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 : W050302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1231339	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1079110	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	880856	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	216728	4.82	ug/L	0.00
Spiked Amount 5.000			Recovery =	96.40%		
17) Toluene-d8	21.62	98	1626060	4.80	ug/L	0.00
Spiked Amount 5.000			Recovery =	96.00%		
54) 4-Bromofluorobenzene	28.50	95	520957	4.99	ug/L	0.00
Spiked Amount 5.000			Recovery =	99.80%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	360706	9.77	ug/L	100
4) Chloromethane	5.92	50	615901	10.98	ug/L	99
5) Vinyl Chloride	6.18	62	613317	10.86	ug/L	99
6) Bromomethane	7.29	94	307815	10.45	ug/L	100
7) Chloroethane	7.46	64	395291	11.47	ug/L	99
8) Trichlorofluoromethane	8.13	101	703760	10.26	ug/L	98
11) Acetone	9.38	43	170258	51.32	ug/L	98
12) 1,1-Dichloroethene	9.78	61	583020	10.26	ug/L	100
13) Methylene Chloride	11.04	49	468515	10.41	ug/L	96
14) Methyl tert-butyl ether	11.44	73	541589	13.40	ug/L	99
15) trans-1,2-Dichloroethene	11.84	61	594063	10.13	ug/L	97
16) 1,1-Dichloroethane	12.95	63	738272	10.10	ug/L	100
18) 2-Butanone (MEK)	14.01	43	230839	50.41	ug/L	97
19) 2,2-Dichloropropane	14.42	77	650491	10.44	ug/L	92
20) cis-1,2-Dichloroethene	14.54	61	558758	10.38	ug/L	98
21) Chloroform	14.94	83	656804	10.21	ug/L	99
22) Bromochloromethane	15.40	49	238687	10.37	ug/L	95
23) 1,1,1-Trichloroethane	16.00	97	631429	9.97	ug/L	98
24) 1,1-Dichloropropene	16.39	75	630912	10.11	ug/L	98
25) Carbon Tetrachloride	16.68	117	520673	10.00	ug/L	98
26) 1,2-Dichloroethane	17.01	62	327621	10.34	ug/L	100
28) Benzene	17.10	78	1941539	10.09	ug/L	99
29) Trichloroethene	18.62	95	463501	9.91	ug/L	97
30) 1,2-Dichloropropane	19.05	63	391697	10.59	ug/L	99
31) Bromodichloromethane	19.66	83	411740	10.83	ug/L	98
32) Dibromomethane	19.82	93	115280	10.67	ug/L	97
33) 2-Chloroethyl vinyl ether	20.28	63	323501	8.35	ug/L	92
34) Methyl iso-butyl ketone	20.38	43	547387	45.83	ug/L	97
35) cis-1,3-Dichloropropene	20.96	75	535126	11.81	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520C10A.D Vial: 5
Acq On : 20 May 2002 11:23 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 12:04:44 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 : W050302

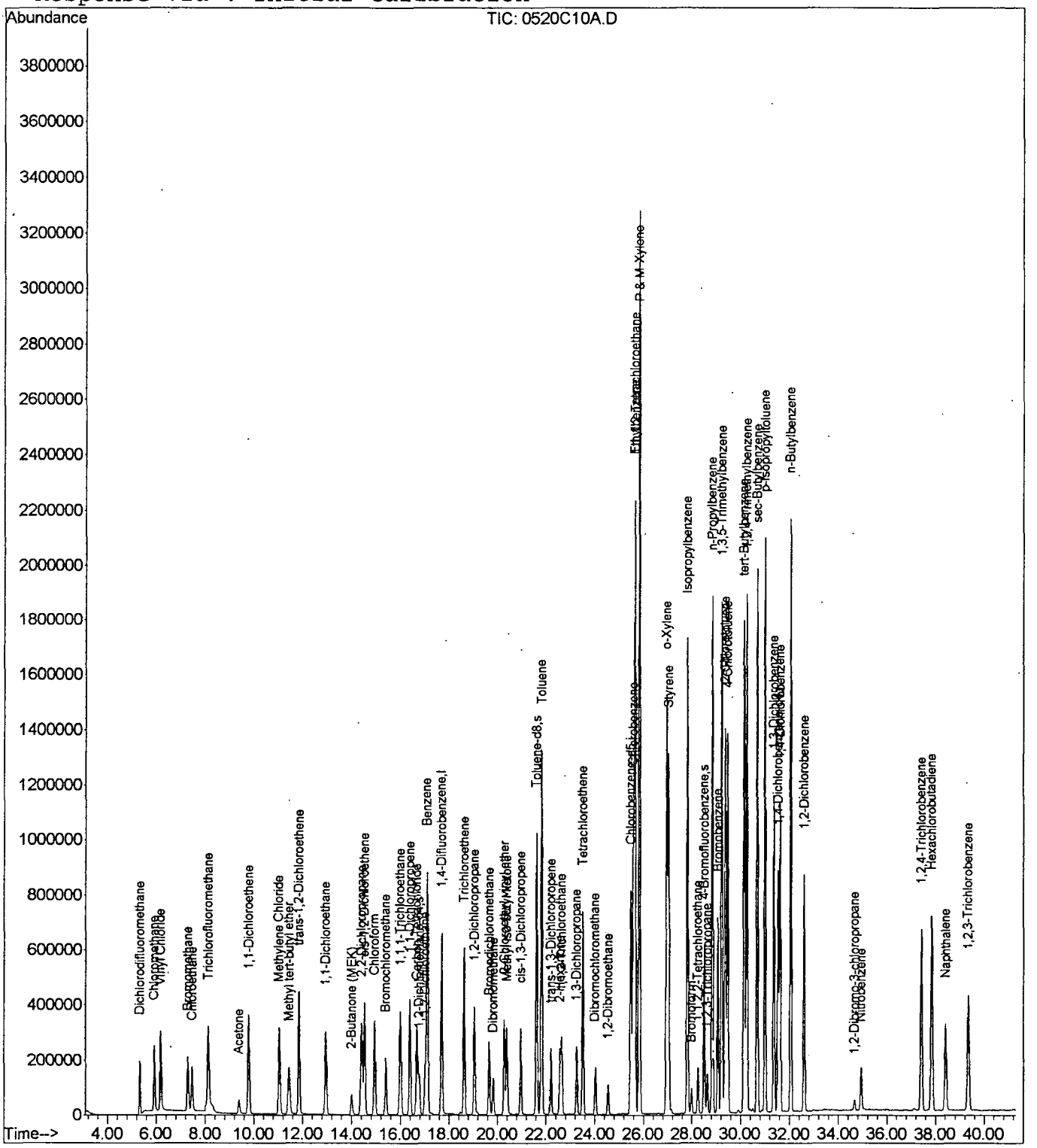
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.83	91	2399776	9.76	ug/L	99
37)	trans-1,3-Dichloropropene	22.20	75	384410	11.76	ug/L	100
38)	2-Hexanone	22.56	43	369986	46.48	ug/L	98
39)	1,1,2-Trichloroethane	22.63	97	197468	10.41	ug/L	92
40)	1,3-Dichloropropane	23.25	76	371489	10.96	ug/L	99
41)	Tetrachloroethene	23.50	166	503543	10.07	ug/L	97
42)	Dibromochloromethane	24.02	129	210819	11.16	ug/L	98
43)	1,2-Dibromoethane	24.55	107	167828	11.00	ug/L	97
44)	Chlorobenzene	25.57	112	1381481	9.66	ug/L	98
45)	1,1,1,2-Tetrachloroethane	25.64	131	365650	10.67	ug/L	99
46)	Ethylbenzene	25.64	91	2886478	9.59	ug/L	99
47)	P & M-Xylene	25.83	91	4581629	19.52	ug/L	99
48)	o-Xylene	26.95	91	2212510	10.30	ug/L	97
49)	Styrene	27.03	104	1559614	9.33	ug/L	99
50)	Isopropylbenzene	27.82	105	2804723	9.08	ug/L	99
52)	Bromoform	28.00	173	95052	11.64	ug/L	99
53)	1,1,2,2-Tetrachloroethane	28.26	83	199540	10.59	ug/L	99
55)	1,2,3-Trichloropropane	28.63	75	157151	10.33	ug/L	98
56)	n-Propylbenzene	28.84	91	3538837	9.72	ug/L	99
57)	Bromobenzene	29.07	77	813789	9.77	ug/L	98
58)	1,3,5-Trimethylbenzene	29.22	105	2519702	10.20	ug/L	99
59)	2-Chlorotoluene	29.37	91	2026275	9.98	ug/L	98
60)	4-Chlorotoluene	29.47	91	1929498	9.67	ug/L	98
61)	tert-Butylbenzene	30.14	119	2165932	9.96	ug/L	99
62)	1,2,4-Trimethylbenzene	30.25	105	2525495	10.23	ug/L	99
63)	sec-Butylbenzene	30.68	105	3389063	9.84	ug/L	99
64)	p-Isopropyltoluene	31.00	119	2910969	10.18	ug/L	100
65)	1,3-Dichlorobenzene	31.37	146	1099449	9.98	ug/L	99
66)	1,4-Dichlorobenzene	31.62	146	1049984	9.92	ug/L	99
67)	n-Butylbenzene	32.05	91	2855232	10.38	ug/L	99
68)	1,2-Dichlorobenzene	32.60	146	833831	10.09	ug/L	99
69)	1,2-Dibromo-3-chloropropan	34.65	157	32744	12.32	ug/L	96
70)	Nitrobenzene	34.93	77	189272	342.90	ug/L	97
71)	1,2,4-Trichlorobenzene	37.42	180	586722	11.79	ug/L	100
72)	Hexachlorobutadiene	37.85	225	411878	10.54	ug/L	99
73)	Naphthalene	38.41	128	797189	13.84	ug/L	99
74)	1,2,3-Trichlorobenzene	39.34	180	428567	11.95	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520C10A.D Vial: 5
Acq On : 20 May 2002 11:23 am Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 12:04 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: 05/22/2002 Time: 14:25:02

Sample: AE11575
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/20/02 12:23 Ended: 5/20/02 12:23 Analyst: BH
Result source: a:\0520r5.rr
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.8	
2	4-BROMOFLUOROBENZENE		5.2	
3	DICHLORODIFLUOROMETHAN		5.9	.5
4	CHLOROMETHANE		5.4	.5
5	VINYL CHLORIDE		5.3	.5
6	BROMOMETHANE		4.8	.5
7	CHLOROETHANE		5.3	.5
8	TRICHLOROFLUOROMETHANE		4.6	.5
9	ACETONE		17	.5
10	1,1-DICHLOROETHENE		5.1	.5
11	METHYLENE CHLORIDE		5.2	.5
12	METHYL TERT BUTYL ETHER		6.0	1
13	TRANS-1,2-DICHLOROETHEN		5.1	.5
14	1,1-DICHLOROETHANE		5.0	.5
15	2-BUTANONE (MEK)		20	.5
16	2,2-DICHLOROPROPANE		5.1	.5
17	CIS-1,2-DICHLOROETHENE		5.1	.5
18	CHLOROFORM		4.9	.5
19	BROMOCHLOROMETHANE		4.9	.5
20	1,2-DICHLOROETHANE		5.2	.5
21	TOLUENE-D8		4.8	
22	1,1,1-TRICHLOROETHANE		4.8	.5
23	1,1-DICHLOROPROPENE		5.1	.5
24	CARBON TETRACHLORIDE		4.8	.5
25	BENZENE		4.8	.5
26	TRICHLOROETHENE		5.1	.5
27	1,2-DICHLOROPROPANE		5.3	.5
28	DIBROMOMETHANE		5.3	.5
29	BROMODICHLOROMETHANE		5.0	.5
30	2-CHLOROETHYL VINYL ETHE		1.6	.5
31	METHYL ISO-BUTYL KETONE		19	1
32	CIS-1,3-DICHLOROPROPENE		5.7	.5
33	TOLUENE		4.5	.5
34	TRANS-1,3-DICHLOROPROPE		5.4	.5
35	1,1,2-TRICHLOROETHANE		5.0	.5
36	TETRACHLOROETHENE		4.8	.5
37	1,3-DICHLOROPROPANE		5.4	.5
38	DIBROMOCHLOROMETHANE		4.8	2
39	1,2-DIBROMOETHANE		5.1	.5
40	CHLOROBENZENE		4.4	.5
41	1,1,1,2-TETRACHLOROETHA		5.0	.5
42	2-HEXANONE		18	.5
43	ETHYLBENZENE		4.4	.5
44	P & M-XYLENE		8.9	.5
45	O-XYLENE		4.6	.5
46	STYRENE		4.3	.5
47	1,1,2,2-TETRACHLOROETHA		5.0	.5
48	BROMOFORM		5.1	2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:25:02

Sample: AE11575
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/20/02 12:23 Ended: 5/20/02 12:23 Analyst: BH
Result source: a:\0520r5.rr
Page: 2

	Component Name	Viol	Result	MDL
49	ISOPROPYLBENZENE		4.3	.5
50	1,2,3-TRICHLOROPROPANE		5.1	.5
51	N-PROPYLBENZENE		4.8	.5
52	BROMOBENZENE		4.7	.5
53	1,3,5-TRIMETHYLBENZENE		4.8	.5
54	2-CHLOROTOLUENE		4.8	.5
55	4-CHLOROTOLUENE		4.6	.5
56	TERT-BUTYLBENZENE		4.8	.5
57	1,2,4-TRIMETHYLBENZENE		4.9	.5
58	SEC-BUTYLBENZENE		4.7	.5
59	P-ISOPROPYLTOLUENE		4.7	.5
60	1,3-DICHLOROBENZENE		4.7	.5
61	1,4-DICHLOROBENZENE		4.7	.5
62	N-BUTYLBENZENE		5.0	.5
63	1,2-DICHLOROBENZENE		4.8	.5
64	1,2-DIBROMO-3-CHLOROPRO		5.8	.5
65	1,2,4-TRICHLOROBENZENE		5.6	.5
66	HEXACHLOROBUTADIENE		5.4	.5
67	NAPHTHALENE		6.4	.5
68	1,2,3-TRICHLOROBENZENE		5.7	.5
69	ETHANOL		< MRL	30
70	NITROBENZENE		130	5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:27:30

Sample: AE11575
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/20/02 12:23 Ended: 5/20/02 12:23 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	1,2-DICHLOROETHANE-D4		4.8	
2	4-BROMOFLUOROBENZENE		5.2	
3	DICHLORODIFLUOROMETHAN		5.9	.5
4	CHLOROMETHANE		5.4	.5
5	VINYL CHLORIDE		5.3	.5
6	BROMOMETHANE		4.8	.5
7	CHLOROETHANE		5.3	.5
8	TRICHLOROFLUOROMETHANE		4.6	.5
9	ACETONE		17	.5
10	1,1-DICHLOROETHENE		5.1	.5
11	METHYLENE CHLORIDE		5.2	.5
12	METHYL TERT BUTYL ETHER		6.0	1
13	TRANS-1,2-DICHLOROETHEN		5.1	.5
14	1,1-DICHLOROETHANE		5.0	.5
15	2-BUTANONE (MEK)		20	.5
16	2,2-DICHLOROPROPANE		5.1	.5
17	CIS-1,2-DICHLOROETHENE		5.1	.5
18	CHLOROFORM		4.9	.5
19	BROMOCHLOROMETHANE		4.9	.5
20	1,2-DICHLOROETHANE		5.2	.5
21	TOLUENE-D8		4.8	
22	1,1,1-TRICHLOROETHANE		4.8	.5
23	1,1-DICHLOROPROPENE		5.1	.5
24	CARBON TETRACHLORIDE		4.8	.5
25	BENZENE		4.8	.5
26	TRICHLOROETHENE		5.1	.5
27	1,2-DICHLOROPROPANE		5.3	.5
28	DIBROMOMETHANE		5.3	.5
29	BROMODICHLOROMETHANE		5.0	.5
30	2-CHLOROETHYL VINYL ETHE		1.6	.5
31	METHYL ISO-BUTYL KETONE		19	1
32	CIS-1,3-DICHLOROPROPENE		5.7	.5
33	TOLUENE		4.5	.5
34	TRANS-1,3-DICHLOROPROPE		5.4	.5
35	1,1,2-TRICHLOROETHANE		5.0	.5
36	TETRACHLOROETHENE		4.8	.5
37	1,3-DICHLOROPROPANE		5.4	.5
38	DIBROMOCHLOROMETHANE		4.8	2
39	1,2-DIBROMOETHANE		5.1	.5
40	CHLOROBENZENE		4.4	.5
41	1,1,1,2-TETRACHLOROETHA		5.0	.5
42	2-HEXANONE		18	.5
43	ETHYLBENZENE		4.4	.5
44	P & M-XYLENE		8.9	.5
45	O-XYLENE		4.6	.5
46	STYRENE		4.3	.5
47	1,1,2,2-TETRACHLOROETHA		5.0	.5
48	BROMOFORM		5.1	2

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:27:30

Sample: AE11575
Analysis: $RE524 Reference recovery for 524
Units: ug
Started: 5/20/02 12:23 Ended: 5/20/02 12:23 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
49	ISOPROPYLBENZENE		4.3	.5
50	1,2,3-TRICHLOROPROPANE		5.1	.5
51	N-PROPYLBENZENE		4.8	.5
52	BROMOBENZENE		4.7	.5
53	1,3,5-TRIMETHYLBENZENE		4.8	.5
54	2-CHLOROTOLUENE		4.8	.5
55	4-CHLOROTOLUENE		4.6	.5
56	TERT-BUTYLBENZENE		4.8	.5
57	1,2,4-TRIMETHYLBENZENE		4.9	.5
58	SEC-BUTYLBENZENE		4.7	.5
59	P-ISOPROPYLTOLUENE		4.7	.5
60	1,3-DICHLOROBENZENE		4.7	.5
61	1,4-DICHLOROBENZENE		4.7	.5
62	N-BUTYLBENZENE		5.0	.5
63	1,2-DICHLOROBENZENE		4.8	.5
64	1,2-DIBROMO-3-CHLOROPRO		5.8	.5
65	1,2,4-TRICHLOROBENZENE		5.6	.5
66	HEXACHLOROBUTADIENE		5.4	.5
67	NAPHTHALENE		6.4	.5
68	1,2,3-TRICHLOROBENZENE		5.7	.5
69	ETHANOL		< MRL	30
70	NITROBENZENE		130	5.0

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:27:36

Sample: AE11575
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/22/02 14:27 Ended: 5/22/02 14:27 Analyst: BH
Result source: calculation
Page: 1

70-130

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		4.8	.5
2	Surr - 4-BROMOFLUOROBENZ		5.2	.5
3	Dichlorodifluoromethane		118	.5
4	Chloromethane		108	.5
5	Vinyl chloride		106	.5
6	Bromomethane		96	.5
7	Chloroethane		106	.5
8	Trichlorofluoromethane		92	.5
9	1,1-Dichloroethene		102	.5
10	Methylene Chloride		104	.5
11	Methyl tert butyl ether		120	1.0
12	trans-1,2-dichloroethene		102	.5
13	1,1-dichloroethane		100	.5
14	2-butanone (MEK)		100	2.0
15	2,2-dichloropropane		102	.5
16	cis-1,2-dichloroethene		102	.5
17	Chloroform		98	.5
18	Bromochloromethane		98	.5
19	1,2-dichloroethane		104	.5
20	Surr - TOLUENE-D8		4.8	.5
21	1,1,1-trichloroethane		96	.5
22	1,1-dichloropropene		102	.5
23	Carbon tetrachloride		96	.5
24	Benzene		96	.5
25	Trichloroethene		102	.5
26	1,2-dichloropropane		106	.5
27	Dibromomethane		106	.5
28	Bromodichloromethane		100	.5
29	Methyl iso-butyl ketone		95	1.0
30	cis-1,3-dichloropropene		114	.5
31	Toluene		90	.5
32	trans-1,3-dichloropropene		108	.5
33	1,1,2-trichloroethane		100	.5
34	Tetrachloroethene		96	.5
35	1,3-dichloropropane		108	.5
36	Dibromochloromethane		96	2.0
37	Chlorobenzene		88	.5
38	1,1,1,2-tetrachloroethane		100	.5
39	Ethylbenzene		88	.5
40	P & M-xylene		89	.5
41	O-xylene		92	.5
42	Styrene		86	.5
43	1,1,2,2-tetrachloroethane		100	.5
44	Bromoform		102	2.0
45	Isopropylbenzene		86	.5
46	1,2,3-trichloropropane		102	.5
47	N-propylbenzene		96	.5
48	Bromobenzene		94	.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:27:36

Sample: AE11575
Analysis: $Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 5/22/02 14:27 Ended: 5/22/02 14:27 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
49	1,3,5-trimethylbenzene		96	.5
50	2-chlorotoluene		96	.5
51	4-chlorotoluene		92	.5
52	TERT-butylbenzene		96	.5
53	1,2,4-trimethylbenzene		98	.5
54	SEC-butylbenzene		94	.5
55	P-isopropyltoluene		94	.5
56	1,3-dichlorobenzene		94	.5
57	1,4-dichlorobenzene		94	.5
58	N-butylbenzene		100	.5
59	1,2-dichlorobenzene		96	.5
60	1,2,4-trichlorobenzene		112	.5
61	Hexachlorobutadiene		108	.5
62	Naphthalene		128	.5
63	1,2,3-trichlorobenzene		114	.5
64	Ethanol			
65	Nitrobenzene		130	5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520R5.D Vial: 5
Acq On : 20 May 2002 12:23 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 13:04:59 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 : W050302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1251716	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	1082807	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	843354	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	217859	4.77	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.40%			
17) Toluene-d8	21.62	98	1635072	4.75	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.00%			
54) 4-Bromofluorobenzene	28.50	95	515731	5.16	ug/L	0.00
Spiked Amount 5.000			Recovery = 103.20%			
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.33	85	221059	5.89	ug/L	99
4) Chloromethane	5.92	50	309188	5.42	ug/L	99
5) Vinyl Chloride	6.19	62	302881	5.28	ug/L	98
6) Bromomethane	7.28	94	142195	4.75	ug/L	99
7) Chloroethane	7.46	64	184279	5.26	ug/L	99
8) Trichlorofluoromethane	8.12	101	319481	4.58	ug/L	98
11) Acetone	9.38	43	57613	17.08	ug/L	93
12) 1,1-Dichloroethene	9.78	61	294114	5.09	ug/L	99
13) Methylene Chloride	11.04	49	236492	5.17	ug/L	98
14) Methyl tert-butyl ether	11.43	73	248365	6.04	ug/L	98
15) trans-1,2-Dichloroethene	11.84	61	305851	5.13	ug/L	99
16) 1,1-Dichloroethane	12.95	63	367917	4.95	ug/L	99
18) 2-Butanone (MEK)	14.01	43	92464	19.86	ug/L	98
19) 2,2-Dichloropropane	14.41	77	325840	5.14	ug/L	94
20) cis-1,2-Dichloroethene	14.54	61	277642	5.07	ug/L	99
21) Chloroform	14.94	83	320630	4.90	ug/L	99
22) Bromochloromethane	15.40	49	114601	4.90	ug/L	96
23) 1,1,1-Trichloroethane	16.00	97	306564	4.76	ug/L	98
24) 1,1-Dichloropropene	16.39	75	324009	5.11	ug/L	99
25) Carbon Tetrachloride	16.68	117	255834	4.83	ug/L	98
26) 1,2-Dichloroethane	17.01	62	167776	5.21	ug/L	99
28) Benzene	17.10	78	928148	4.81	ug/L	100
29) Trichloroethene	18.62	95	237711	5.07	ug/L	98
30) 1,2-Dichloropropane	19.05	63	196893	5.30	ug/L	99
31) Bromodichloromethane	19.65	83	189576	4.97	ug/L	99
32) Dibromomethane	19.83	93	56906	5.25	ug/L	97
33) 2-Chloroethyl vinyl ether	20.27	63	31338	1.59	ug/L	94
34) Methyl iso-butyl ketone	20.39	43	223338	18.63	ug/L	98
35) cis-1,3-Dichloropropene	20.95	75	260193	5.72	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520R5.D Vial: 5
Acq On : 20 May 2002 12:23 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 13:04:59 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 : W050302

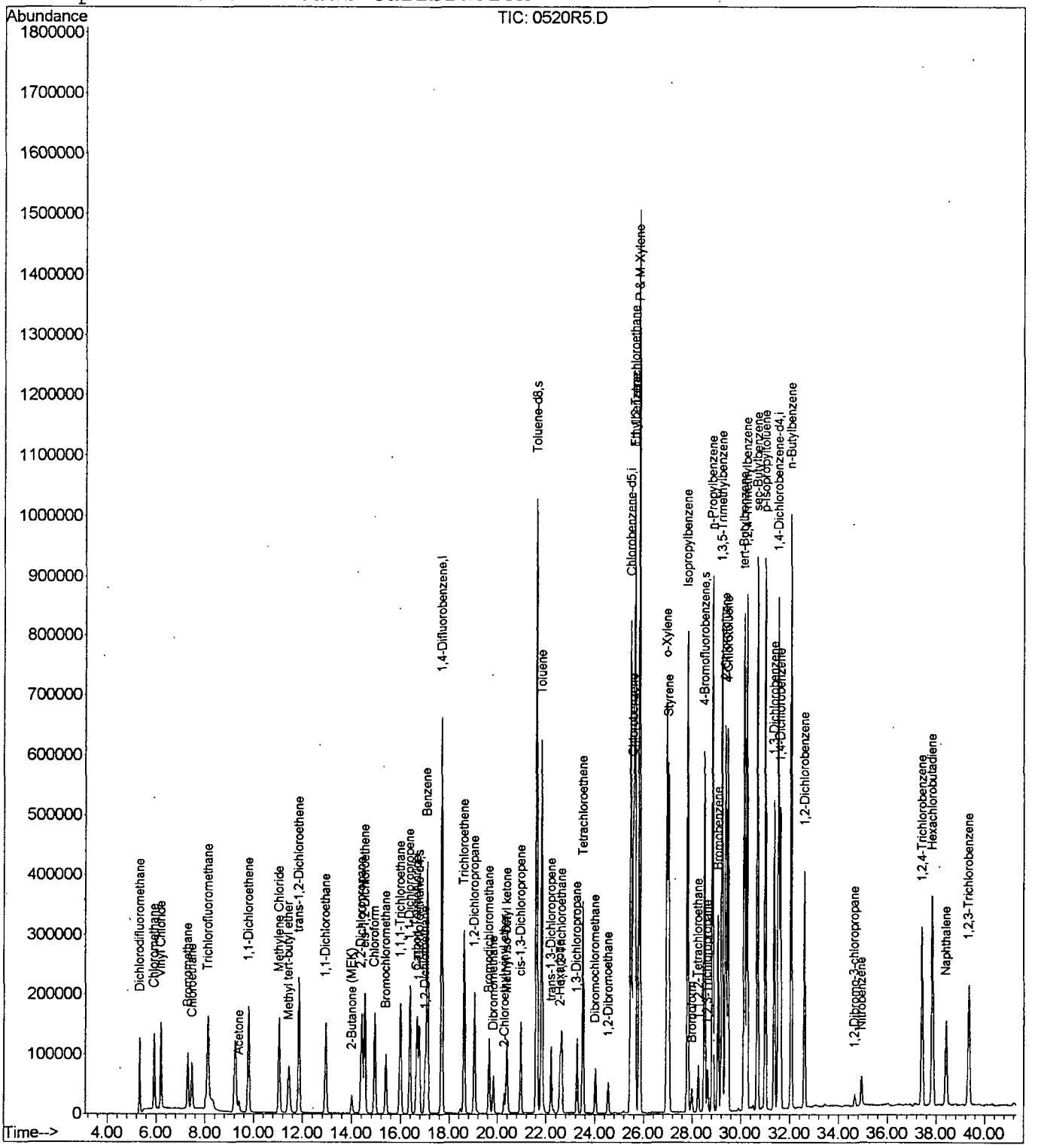
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.82	91	1120092	4.54	ug/L	99
37)	trans-1,3-Dichloropropene	22.20	75	176683	5.39	ug/L	100
38)	2-Hexanone	22.57	43	146097	18.29	ug/L	99
39)	1,1,2-Trichloroethane	22.63	97	95280	5.01	ug/L	92
40)	1,3-Dichloropropane	23.25	76	182633	5.37	ug/L	99
41)	Tetrachloroethene	23.50	166	238932	4.76	ug/L	99
42)	Dibromochloromethane	24.01	129	90601	4.78	ug/L	98
43)	1,2-Dibromoethane	24.55	107	77979	5.10	ug/L	95
44)	Chlorobenzene	25.57	112	636258	4.44	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	171397	4.98	ug/L	98
46)	Ethylbenzene	25.64	91	1322389	4.38	ug/L	98
47)	P & M-Xylene	25.83	91	2104885	8.94	ug/L	99
48)	o-Xylene	26.95	91	990309	4.59	ug/L	97
49)	Styrene	27.03	104	701246	4.27	ug/L	93
50)	Isopropylbenzene	27.82	105	1276717	4.29	ug/L	100
52)	Bromoform	27.99	173	39550	5.06	ug/L	96
53)	1,1,2,2-Tetrachloroethane	28.26	83	90572	5.02	ug/L	98
55)	1,2,3-Trichloropropane	28.63	75	73793	5.07	ug/L	98
56)	n-Propylbenzene	28.84	91	1671853	4.80	ug/L	100
57)	Bromobenzene	29.07	77	375176	4.71	ug/L	99
58)	1,3,5-Trimethylbenzene	29.22	105	1136996	4.81	ug/L	99
59)	2-Chlorotoluene	29.37	91	935383	4.81	ug/L	98
60)	4-Chlorotoluene	29.47	91	885730	4.64	ug/L	98
61)	tert-Butylbenzene	30.14	119	992291	4.77	ug/L	100
62)	1,2,4-Trimethylbenzene	30.25	105	1166494	4.93	ug/L	99
63)	sec-Butylbenzene	30.68	105	1565968	4.75	ug/L	100
64)	p-Isopropyltoluene	31.00	119	1283784	4.69	ug/L	100
65)	1,3-Dichlorobenzene	31.37	146	496058	4.70	ug/L	100
66)	1,4-Dichlorobenzene	31.62	146	478069	4.72	ug/L	100
67)	n-Butylbenzene	32.05	91	1304880	4.95	ug/L	100
68)	1,2-Dichlorobenzene	32.60	146	380006	4.80	ug/L	99
69)	1,2-Dibromo-3-chloropropan	34.65	157	14651	5.76	ug/L	97
70)	Nitrobenzene	34.92	77	59338	131.02	ug/L	97
71)	1,2,4-Trichlorobenzene	37.42	180	266048	5.58	ug/L	100
72)	Hexachlorobutadiene	37.85	225	200571	5.36	ug/L	99
73)	Naphthalene	38.41	128	353391	6.41	ug/L	100
74)	1,2,3-Trichlorobenzene	39.34	180	196254	5.71	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520R5.D Vial: 5
Acq On : 20 May 2002 12:23 pm Operator:
Sample : ref 5 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 13:04 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: 05/22/2002 Time: 14:28:03

Sample: AE11414
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 14:47 Ended: 5/20/02 14:47 Analyst: BH
Result source: a:\11414.rr
Page: 1

	Component Name	Viol	Result	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		4.7	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: 05/22/2002 Time: 14:28:03

Sample: AE11414
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 14:47 Ended: 5/20/02 14:47 Analyst: BH
Result source: a:\11414.rr
Page: 2

	Component Name	Viol	Result	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 AE11414 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:46:42

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\02may20\11414.D Vial: 4
Acq On : 20 May 2002 2:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 15:29:07 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 : W050302

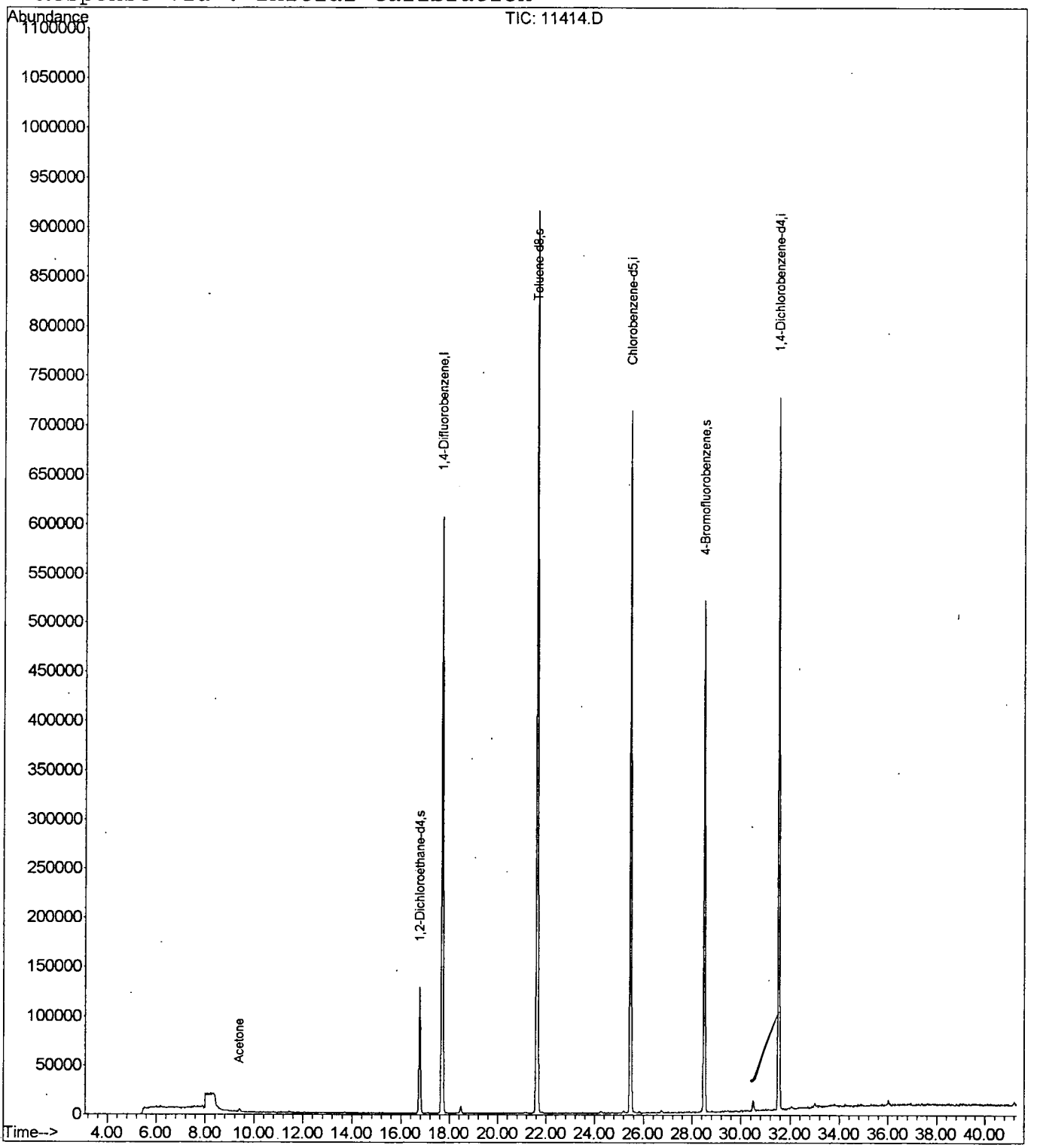
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1131014	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	930572	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	694837	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.77	65	195744	4.74	ug/L	0.00
Spiked Amount 5.000			Recovery = 94.80%			
17) Toluene-d8	21.62	98	1467193	4.72	ug/L	0.00
Spiked Amount 5.000			Recovery = 94.40%			
54) 4-Bromofluorobenzene	28.50	95	445732	5.41	ug/L	0.00
Spiked Amount 5.000			Recovery = 108.20%			
Target Compounds						Qvalue
11) Acetone	9.38	43	8414	2.76	ug/L	90

(#) = qualifier out of range (m) = manual integration
11414.D W050302.M Mon May 20 15:29:08 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11414.D Vial: 4
Acq On : 20 May 2002 2:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 15:29 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\02MAY20\11414.D Vial: 4
Acq On : 20 May 2002 2:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

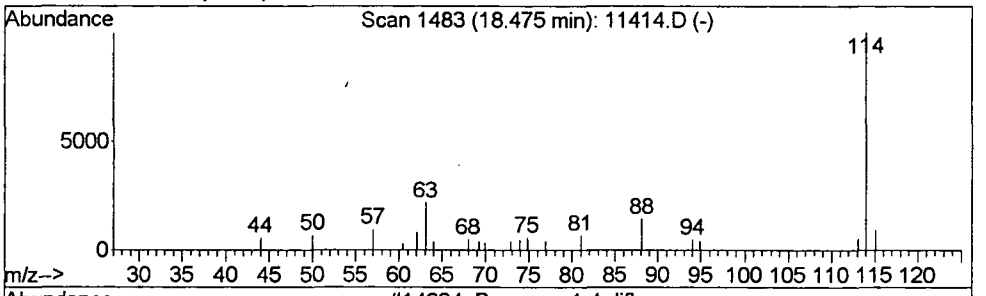
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

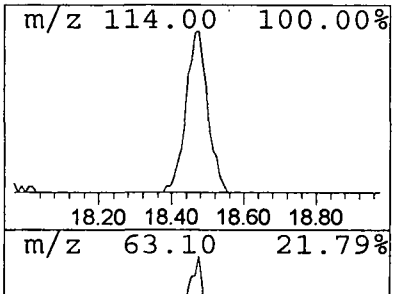
****

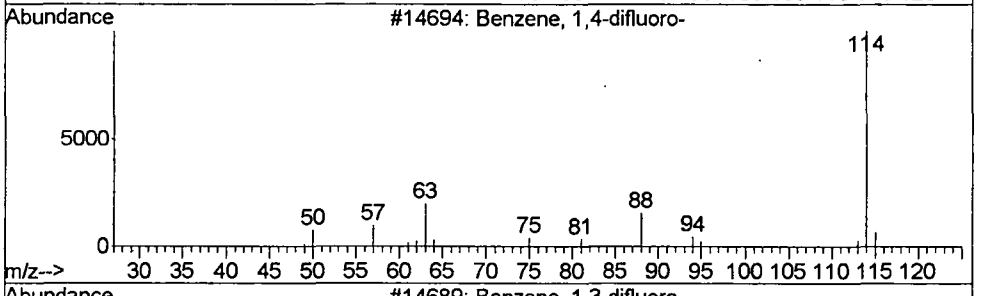
Peak Number 2 Benzene, 1,4-difluoro- Concentration Rank 3

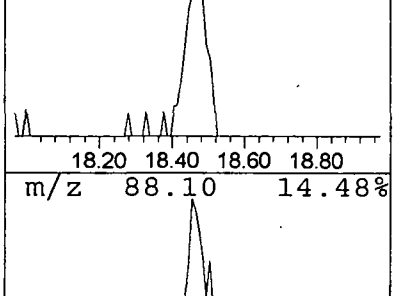
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.07 ug/L	33205	1,4-Difluorobenzene	17.70

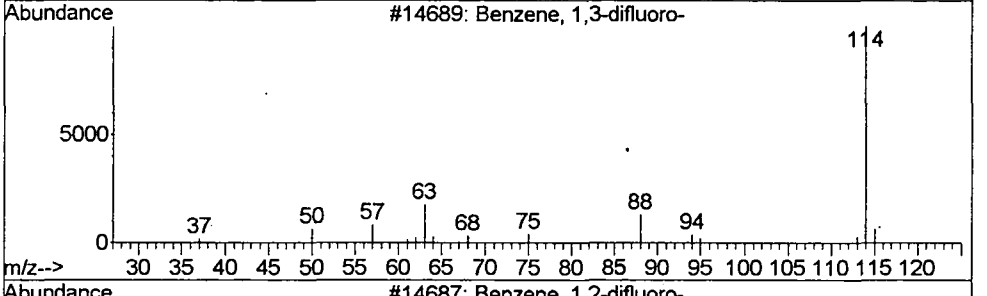
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	91
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	91
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	87

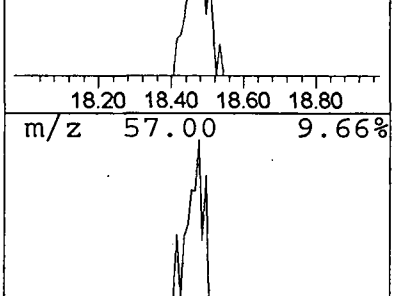


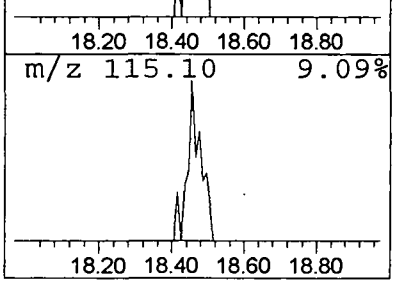


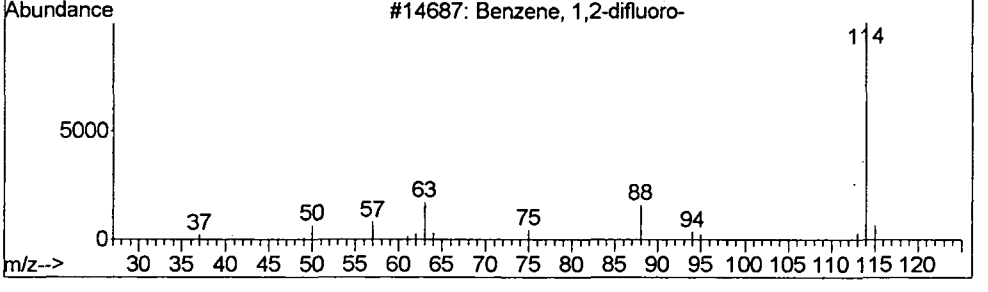












Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY20\11414.D Vial: 4
Acq On : 20 May 2002 2:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

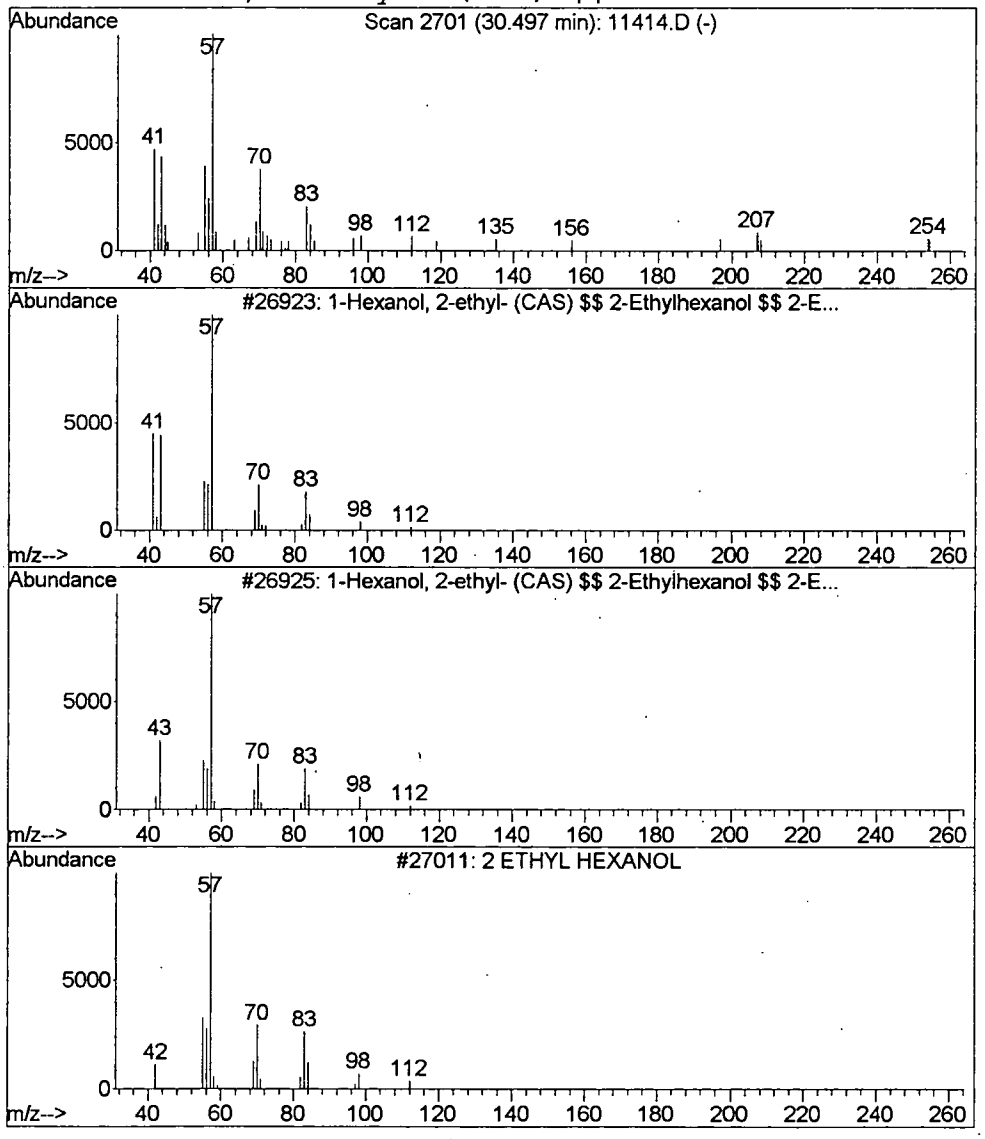
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

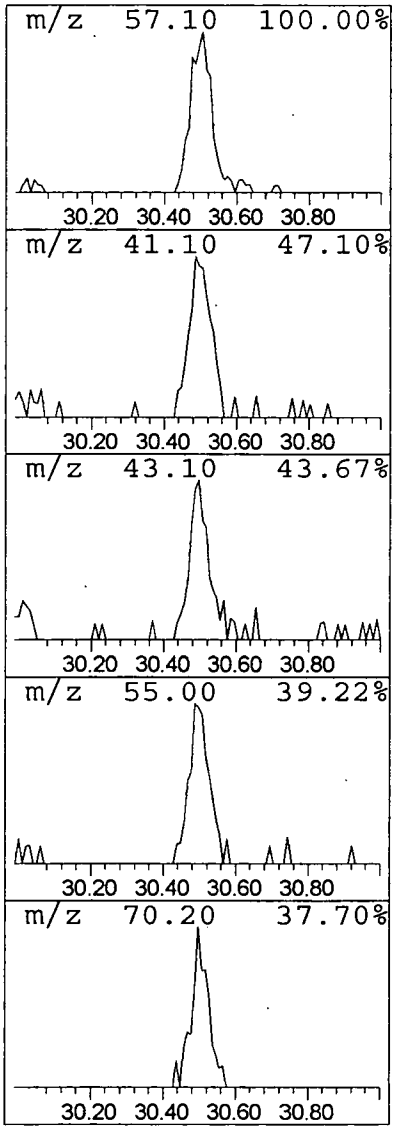
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.10 ug/L	52204	1,4-Dichlorobenzene-d4	31.54

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





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:28:17

Sample: AE11415
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 15:33 Ended: 5/20/02 15:33 Analyst: BH
Result source: a:\11415.rr
Page: 1

	Component Name	Viol	Result	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		4.7	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: 05/22/2002 Time: 14:28:17

Sample: AE11415
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 15:33 Ended: 5/20/02 15:33 Analyst: BH
Result source: a:\11415.rr
Page: 2

	Component Name	Viol	Result	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 AE11415 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:47:15

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.09 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY20\11415.D Vial: 5
Acq On : 20 May 2002 3:33 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 22 14:39:16 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 : W050302

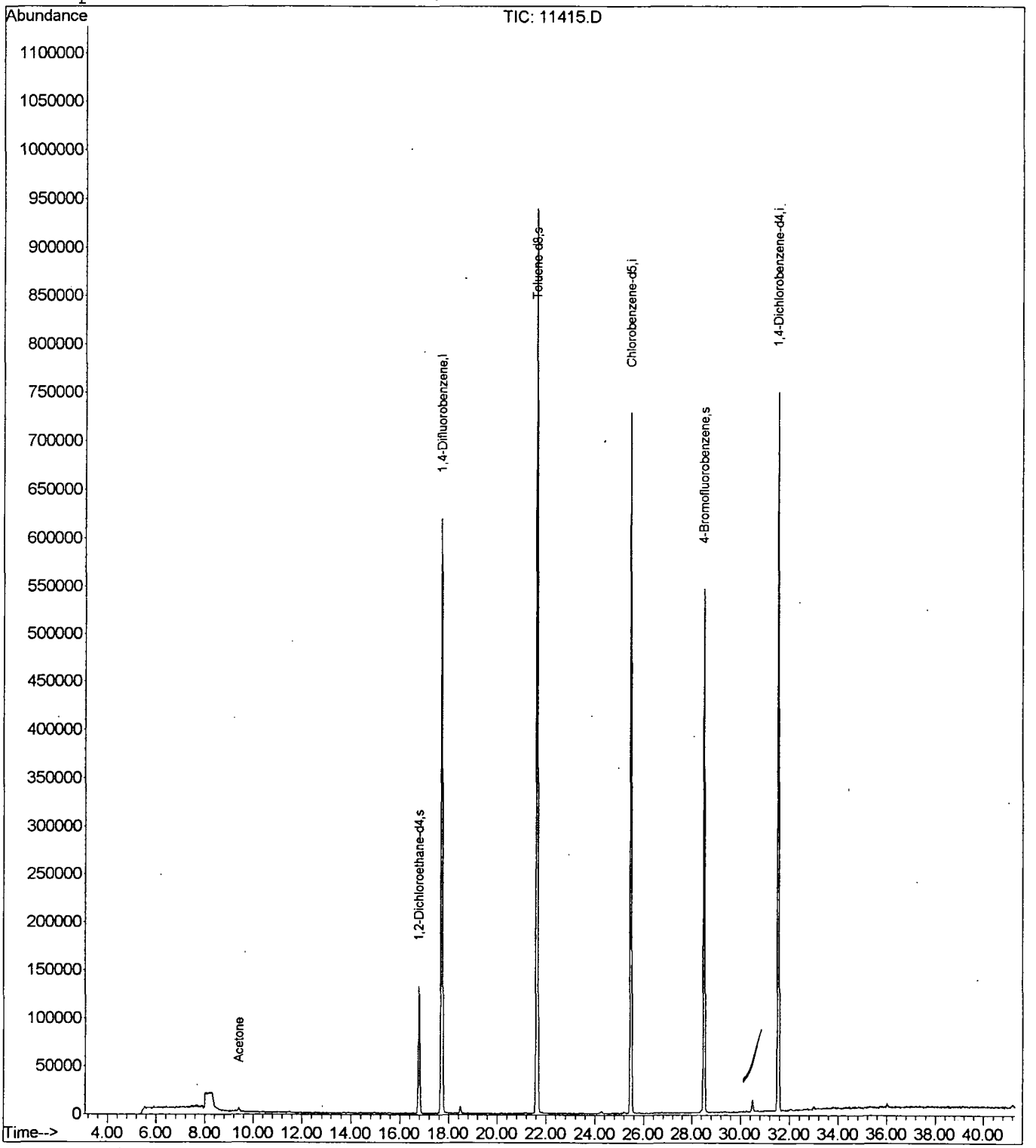
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1154801	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	950001	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	714639	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	203346	4.83	ug/L	0.00
Spiked Amount 5.000			Recovery = 96.60%			
17) Toluene-d8	21.62	98	1478102	4.66	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.20%			
54) 4-Bromofluorobenzene	28.51	95	453628	5.35	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
11) Acetone	9.40	43	11837	3.80	ug/L	95

(#) = qualifier out of range (m) = manual integration
11415.D W050302.M Wed May 22 14:39:17 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY20\11415.D Vial: 5
Acq On : 20 May 2002 3:33 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 22 14:39 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\02MAY20\11415.D Vial: 5
Acq On : 20 May 2002 3:33 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

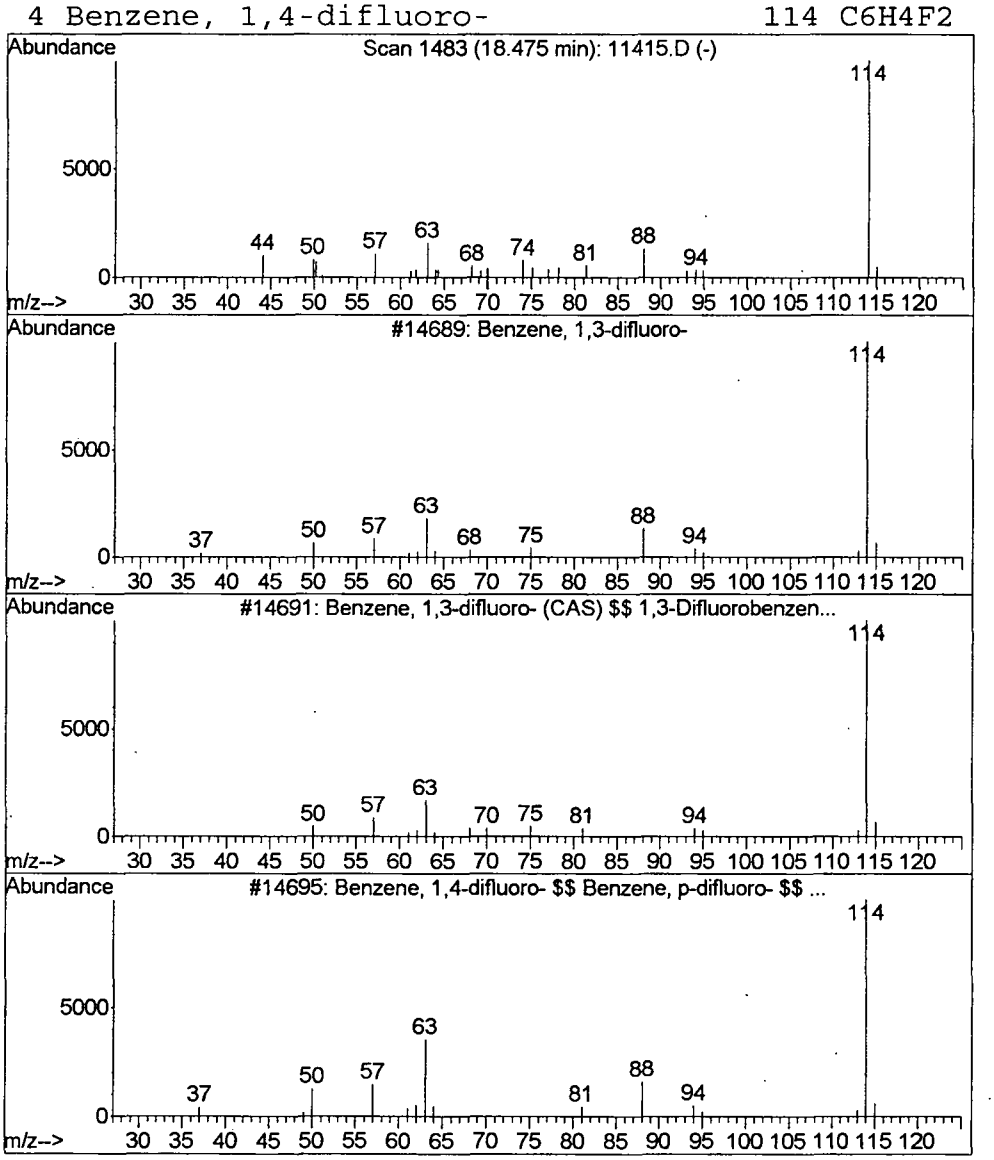
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

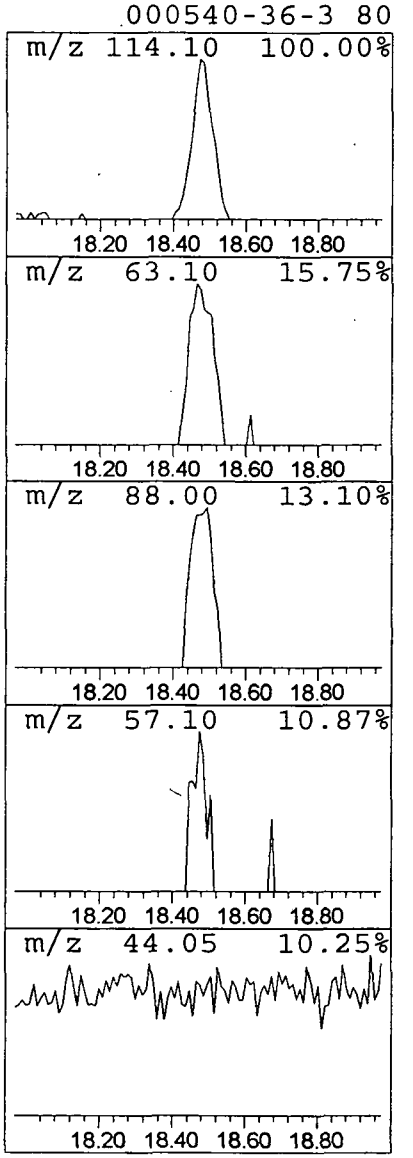
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	30570	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	83
2	Benzene, 1,3-difluoro- (CAS) $$ ...	114	C6H4F2	000372-18-9	81
3	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	80
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	80





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02MAY20\11415.D Vial: 5
Acq On : 20 May 2002 3:33 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

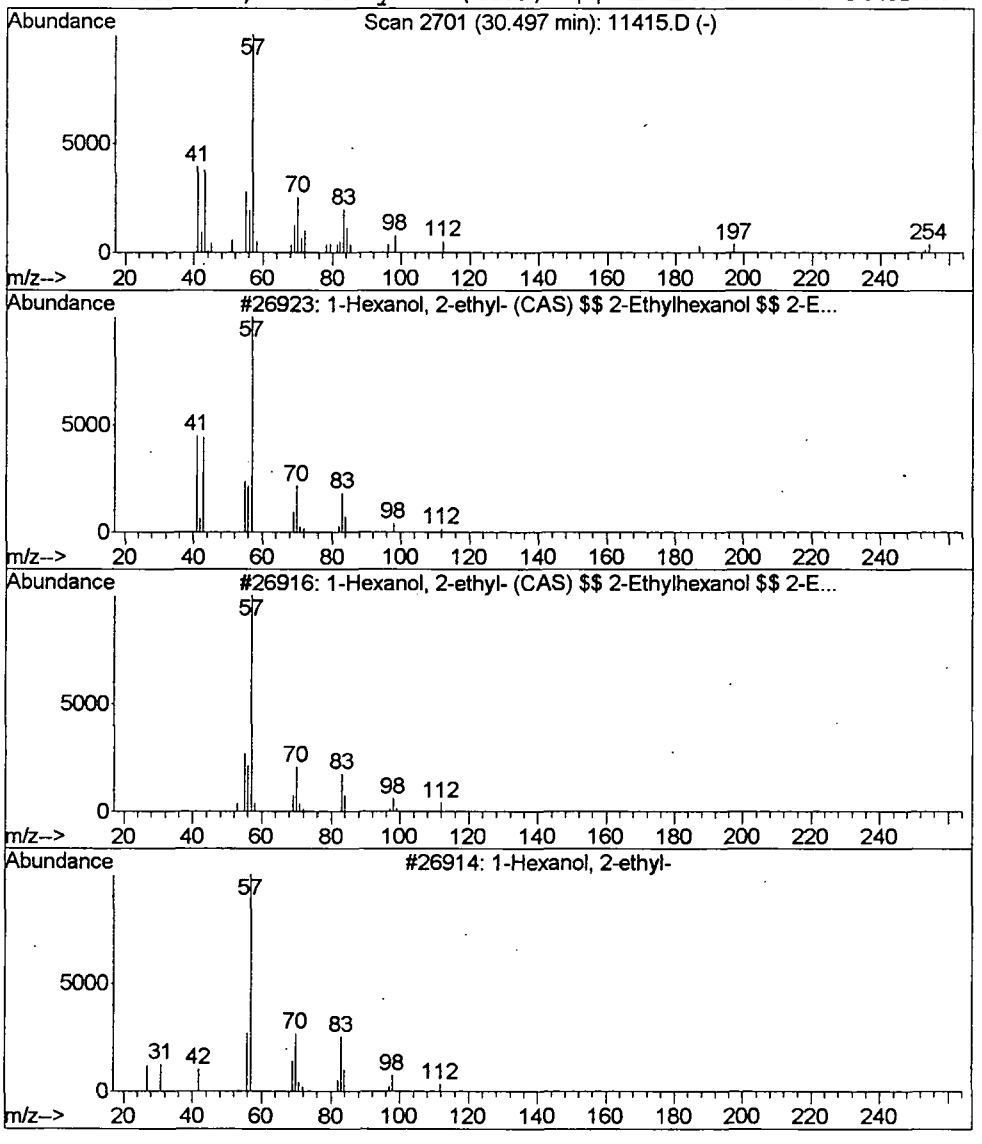
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

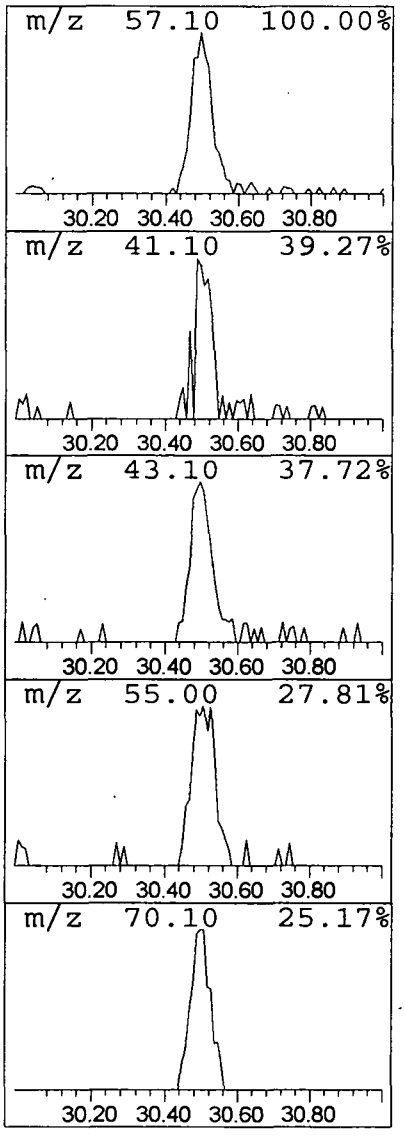
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.09 ug/L	49378	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	72





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:41:59

Sample: AE11566
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 16:28 Ended: 5/20/02 16:28 Analyst: BH
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	0.5
2	Surr - 4-BROMOFLUOROBENZ		5.1	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: 05/22/2002 Time: 14:41:59

Sample: AE11566
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 16:28 Ended: 5/20/02 16:28 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	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		2.1	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 AE11566 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:48:35

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.37 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11566.D Vial: 6
Acq On : 20 May 2002 4:28 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 17:09:40 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 : W050302

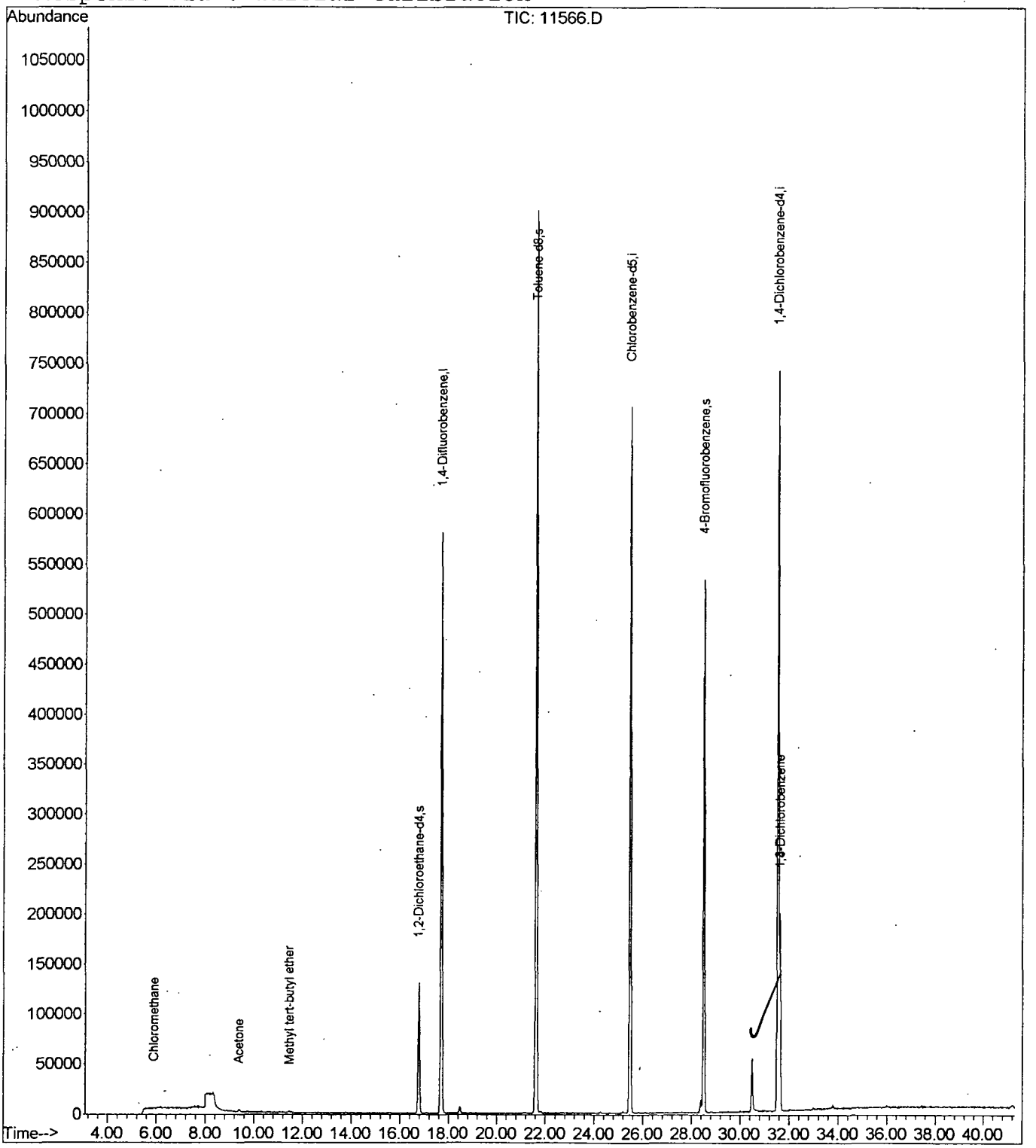
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1072597	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	910680	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	730573	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	197905	5.06	ug/L	0.00
Spiked Amount 5.000			Recovery =	101.20%		
17) Toluene-d8	21.62	98	1410501	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.60%		
54) 4-Bromofluorobenzene	28.51	95	443092	5.11	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.20%		
Target Compounds						Qvalue
4) Chloromethane	5.90	50	2789	~~0.06~~	ug/L	81
11) Acetone	9.38	43	8856	~~3.06~~	ug/L	99
14) Methyl tert-butyl ether	11.46	73	3166	~~0.09~~	ug/L	92
65) 1,3-Dichlorobenzene	31.63	146	180936	~~1.98 ug/L~~		99
66) 1,4-Dichlorobenzene 2.1	31.63	146	180936	2.06	ug/L	99

(#) = qualifier out of range (m) = manual integration
11566.D W050302.M Mon May 20 17:09:41 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11566.D Vial: 6
Acq On : 20 May 2002 4:28 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 17:09 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\02may20\11566.D Vial: 6
Acq On : 20 May 2002 4:28 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

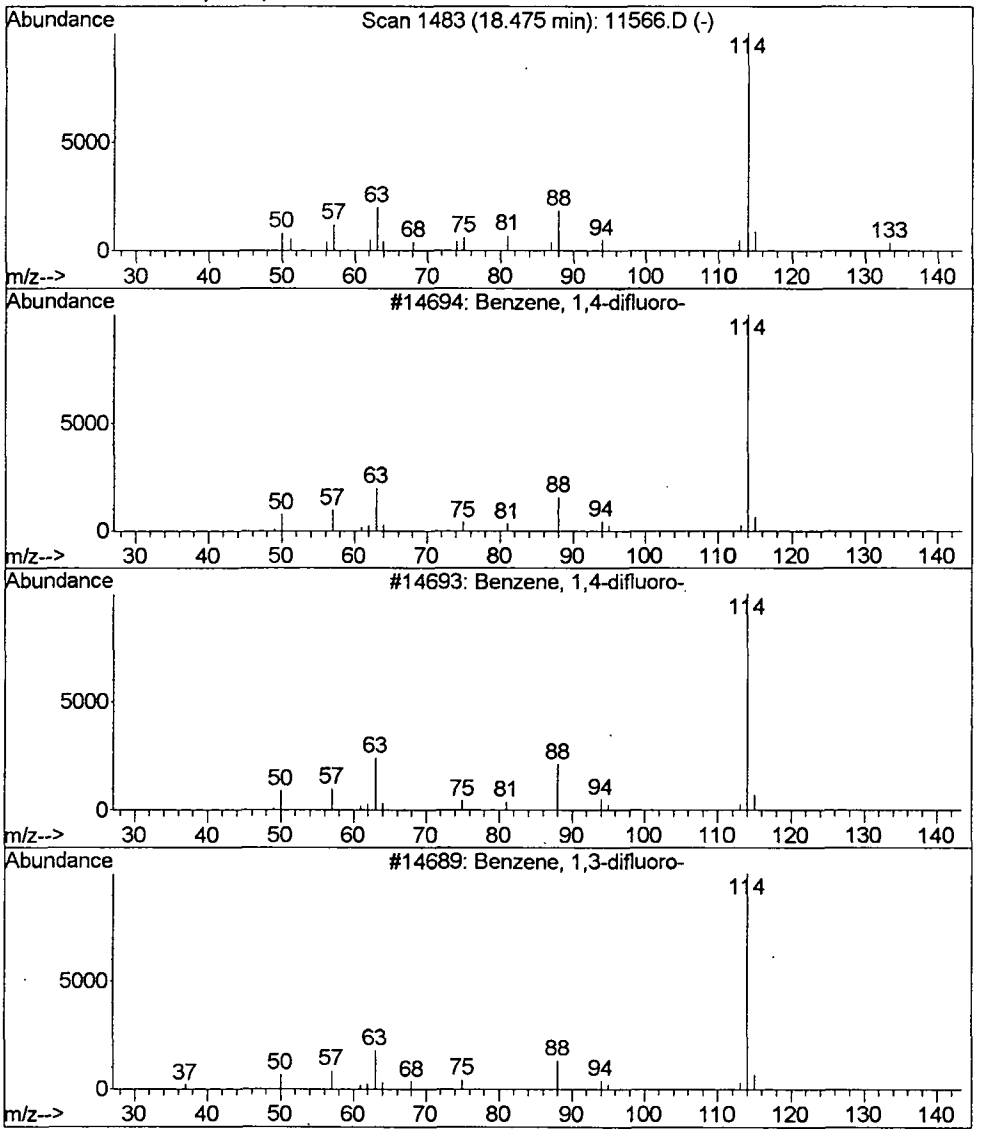
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

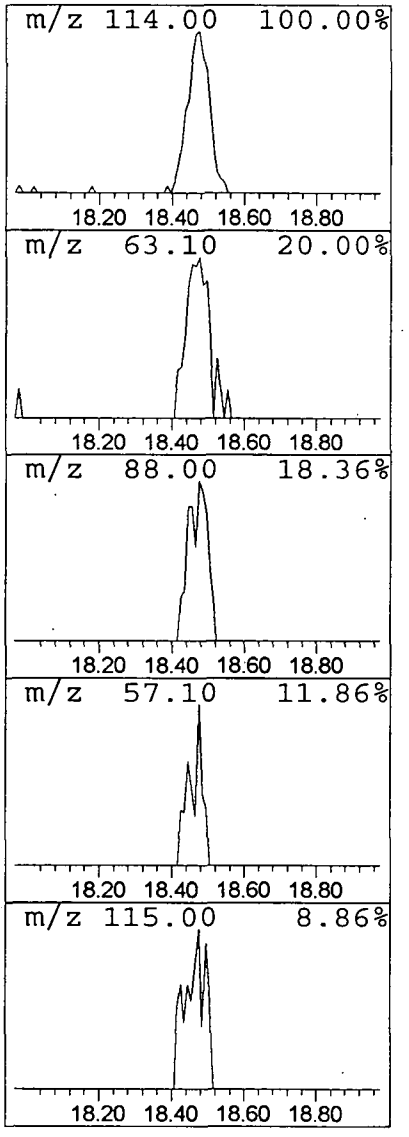
****

Peak Number 3 Benzene, 1,4-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	26913	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
4	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	90





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11566.D Vial: 6
Acq On : 20 May 2002 4:28 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

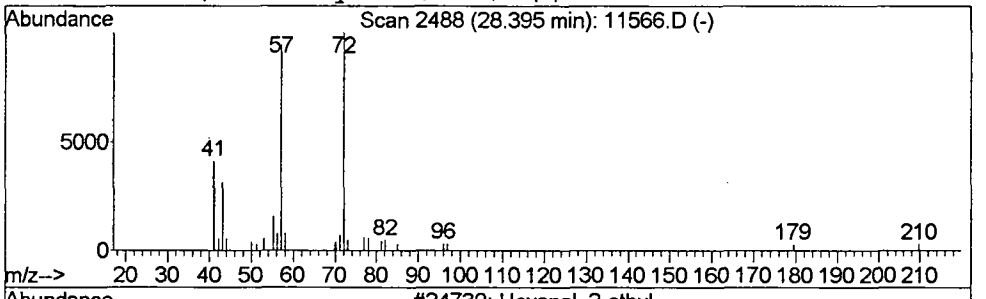
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

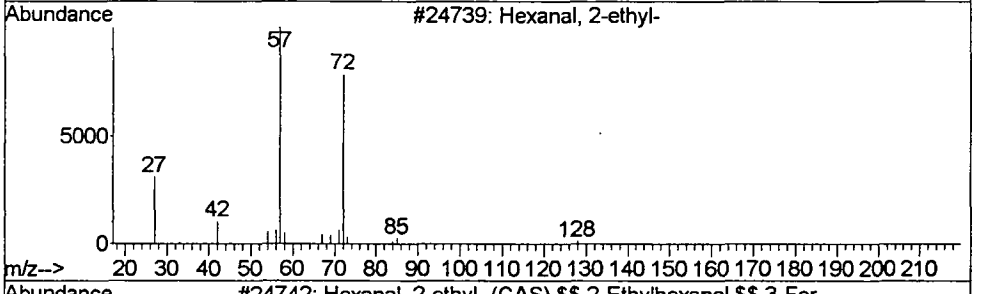
****

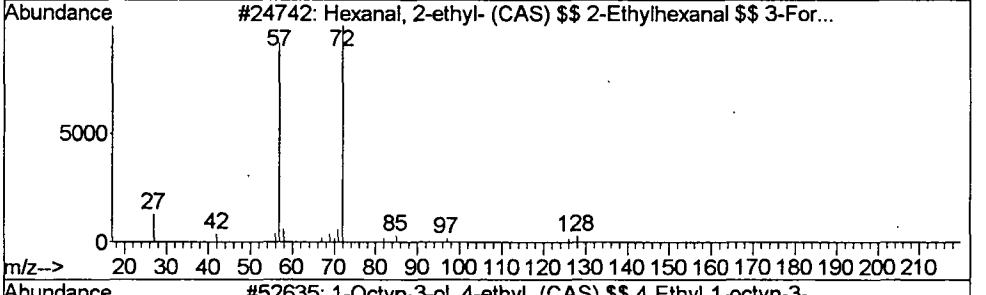
Peak Number 4 Hexanal, 2-ethyl- Concentration Rank 3

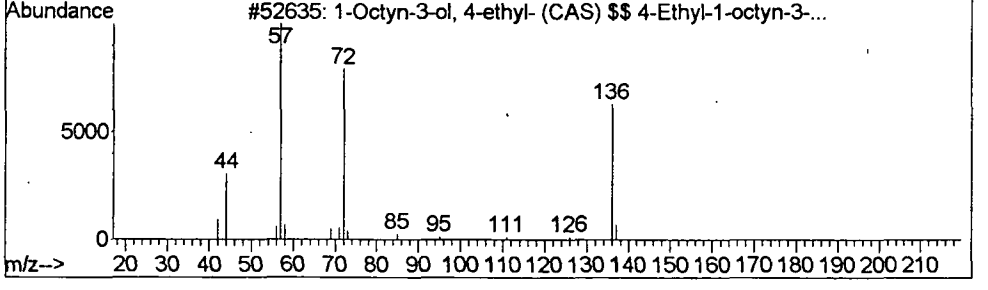
R.T.	EstConc	Area	Relative to ISTD	R.T.
28.39	0.08 ug/L	44407	Chlorobenzene-d5	25.47

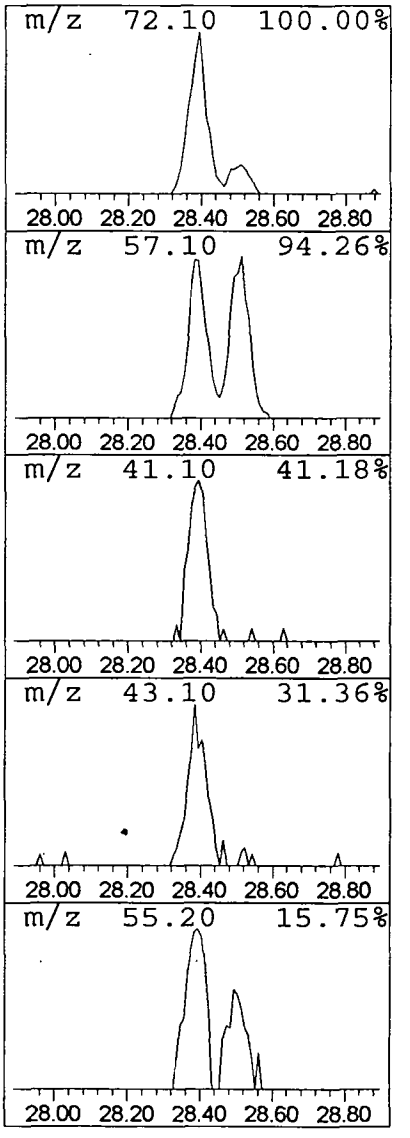
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	72
2	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	72
3	1-Octyn-3-ol, 4-ethyl- (CAS) $$ ...	154	C10H18O	005877-42-9	72
4	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	72











Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11566.D Vial: 6
Acq On : 20 May 2002 4:28 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

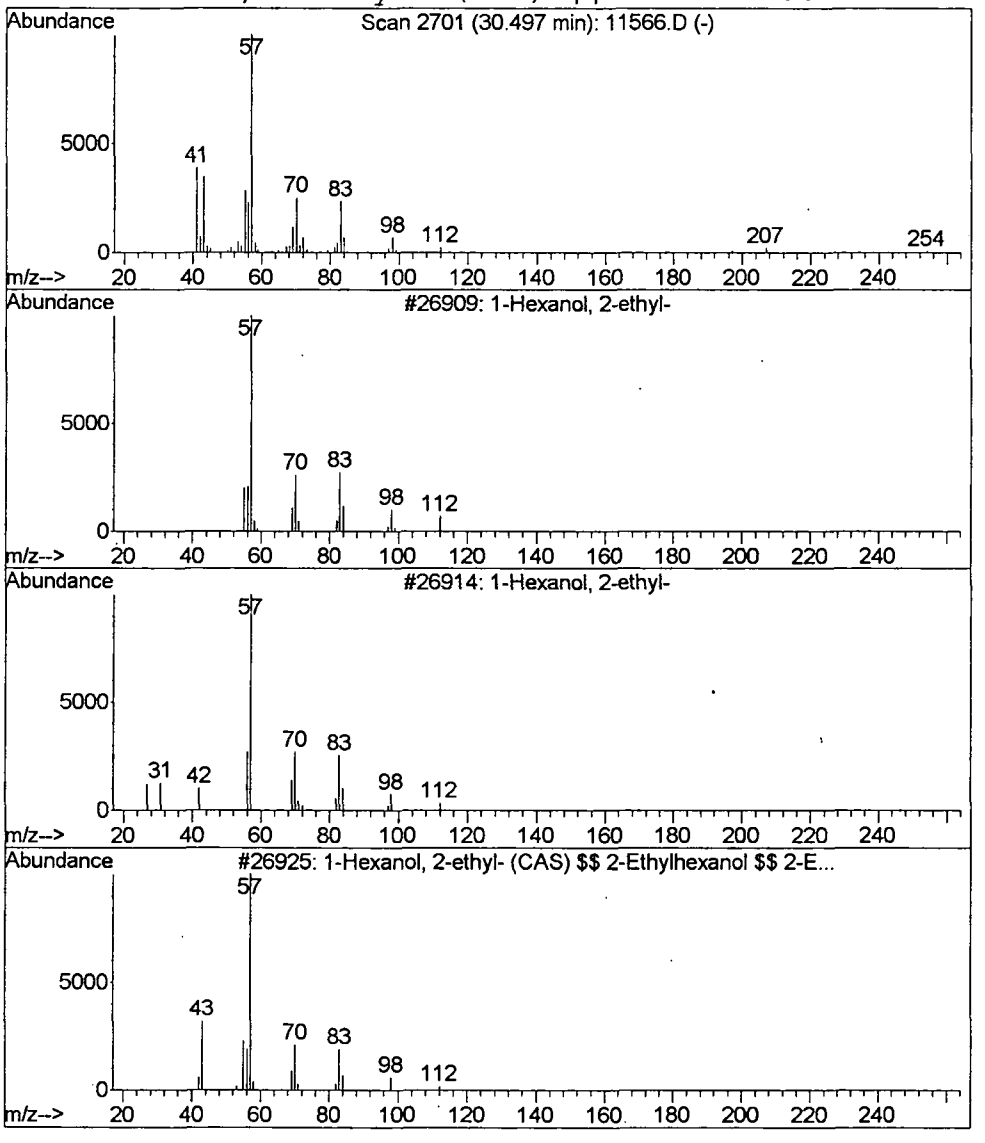
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

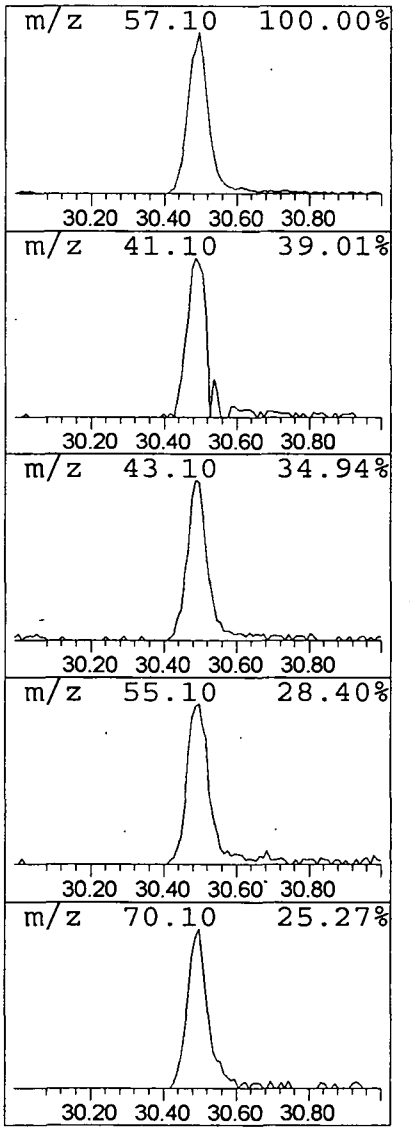
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.37 ug/L	208157	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	86
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	86





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:28:46

Sample: AE11567
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 17:14 Ended: 5/20/02 17:14 Analyst: BH
Result source: a:\11567.rr
Page: 1

	Component Name	Vial	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	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		4.7	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 ov
DATE 5/23/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:28:46

Sample: AE11567
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 17:14 Ended: 5/20/02 17:14 Analyst: BH
Result source: a:\11567.rr
Page: 2

	Component Name	Viol	Result	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 AE11567 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:49:15

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.12 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11567.D Vial: 7
Acq On : 20 May 2002 5:14 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 17:56:08 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 : W050302

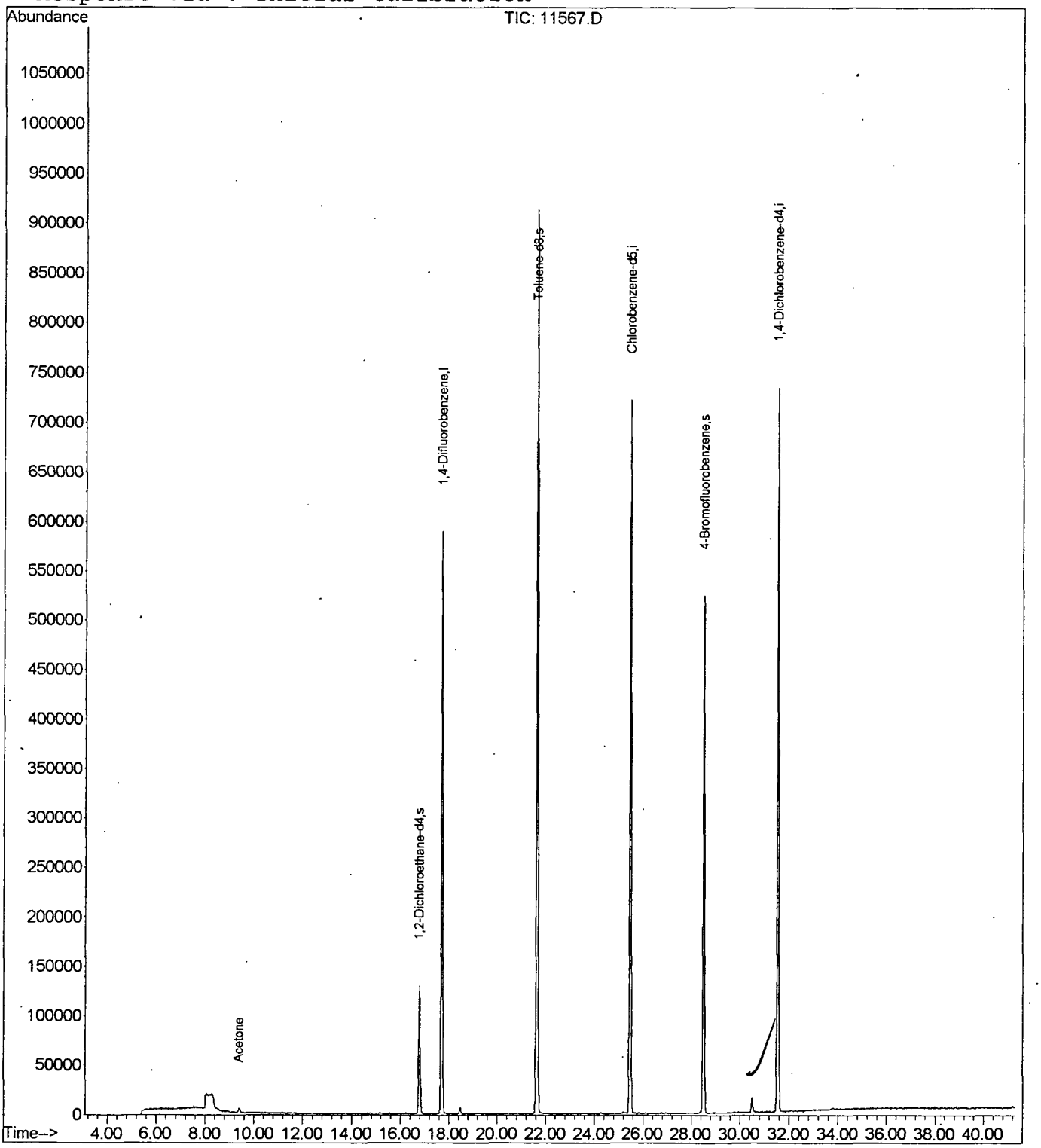
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1100446	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	922192	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	691397	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	200621	5.00	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.00%		
17) Toluene-d8	21.62	98	1426682	4.72	ug/L	0.00
Spiked Amount 5.000			Recovery =	94.40%		
54) 4-Bromofluorobenzene	28.51	95	441416	5.38	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.60%		
Target Compounds						Qvalue
11) Acetone	9.39	43	15055	5.08	ug/L	98

(#) = qualifier out of range (m) = manual integration
11567.D W050302.M Mon May 20 17:56:09 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11567.D Vial: 7
Acq On : 20 May 2002 5:14 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 17:56 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\02may20\11567.D Vial: 7
Acq On : 20 May 2002 5:14 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

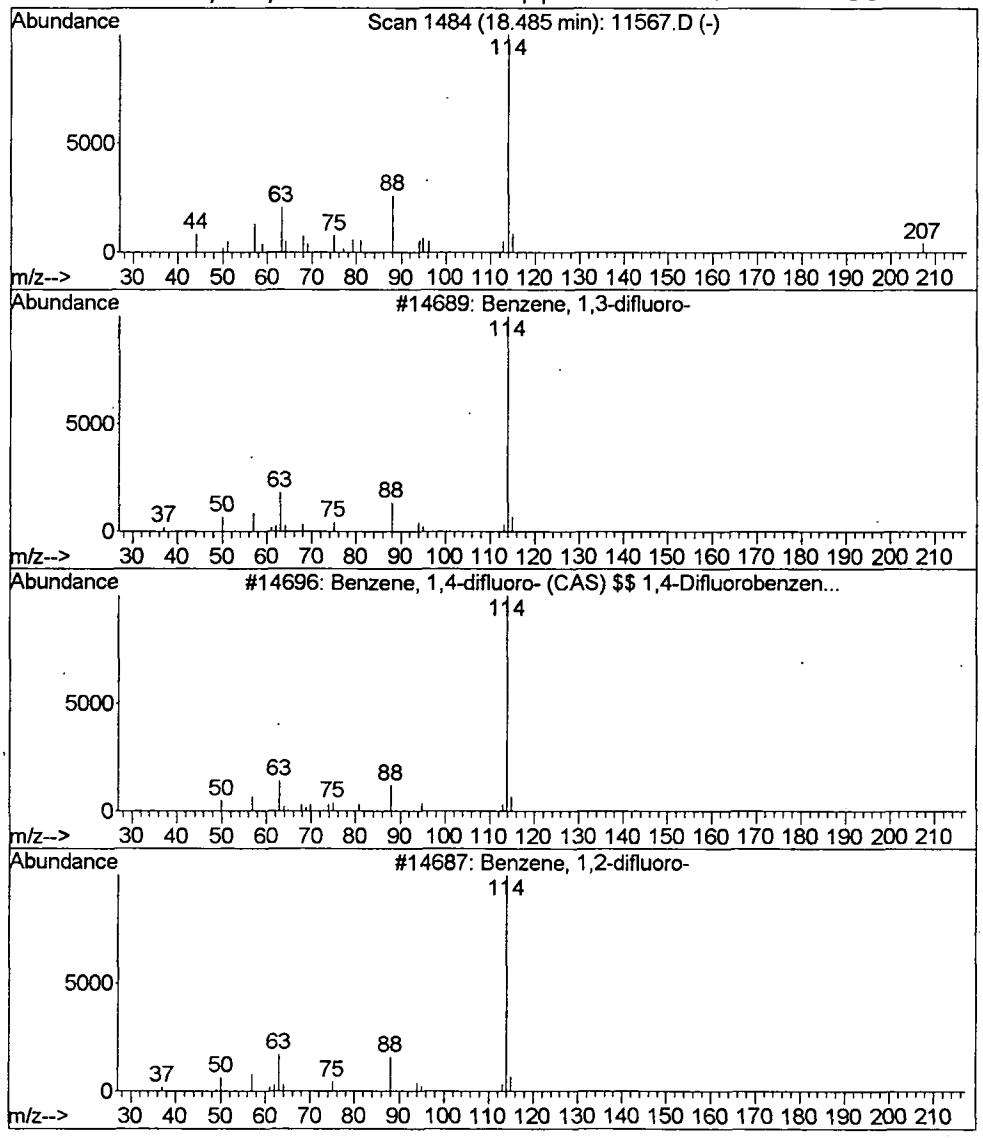
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

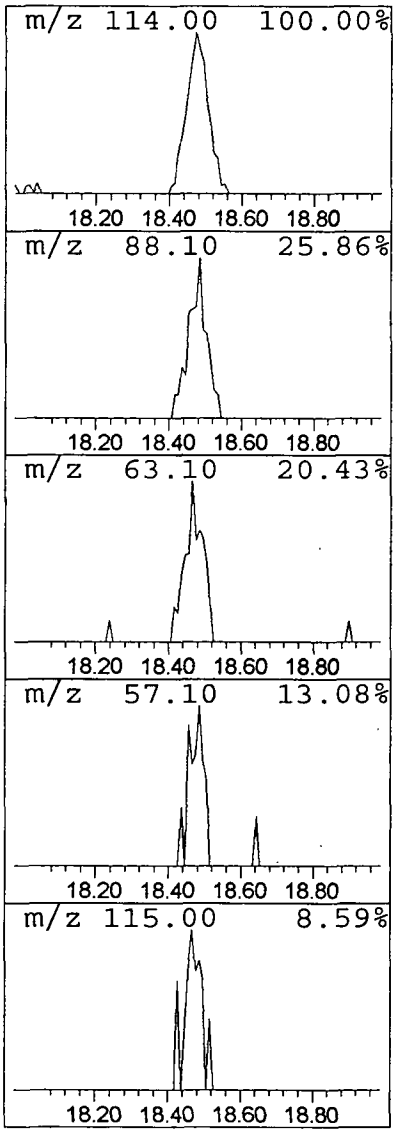
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	30054	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	90
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	87
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	87
4	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	83





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11567.D Vial: 7
Acq On : 20 May 2002 5:14 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

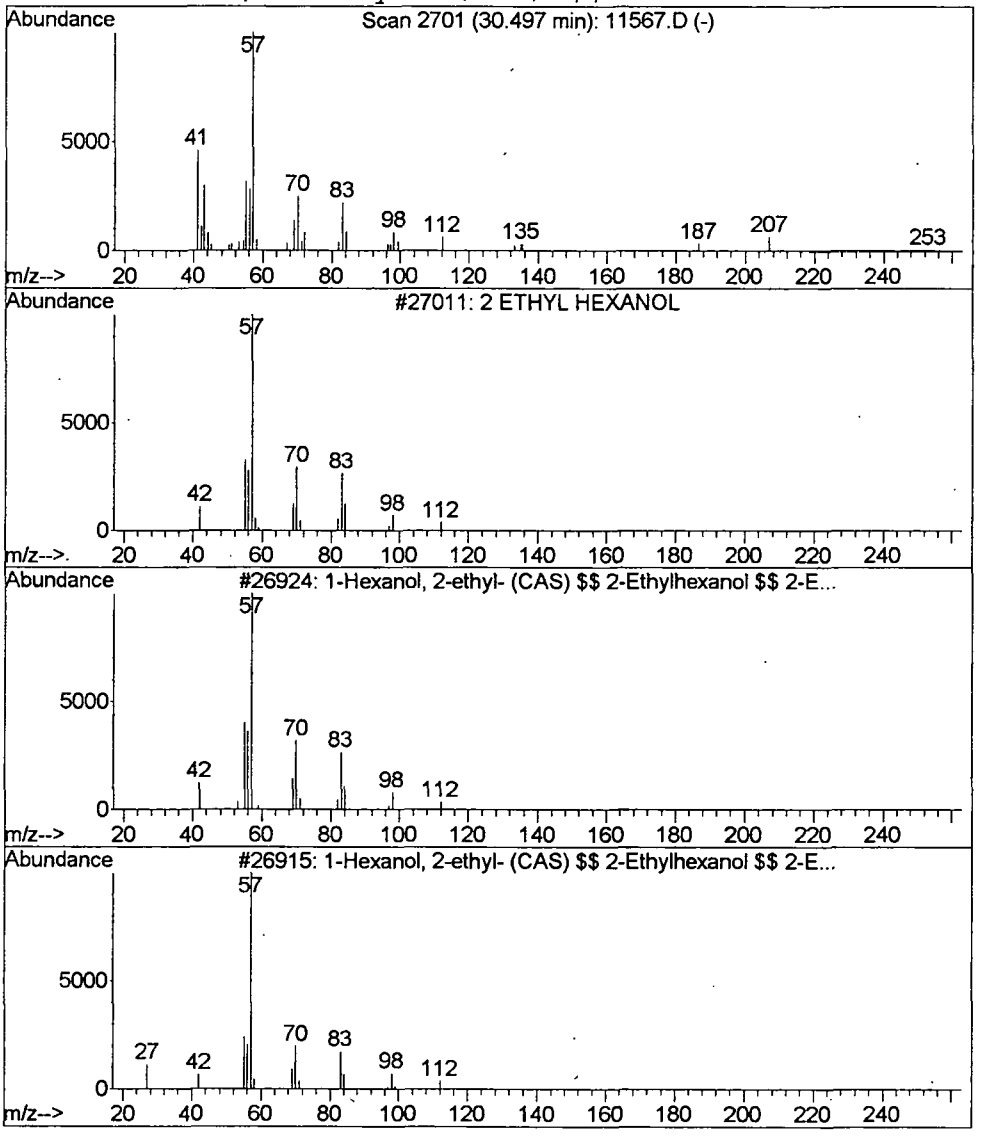
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

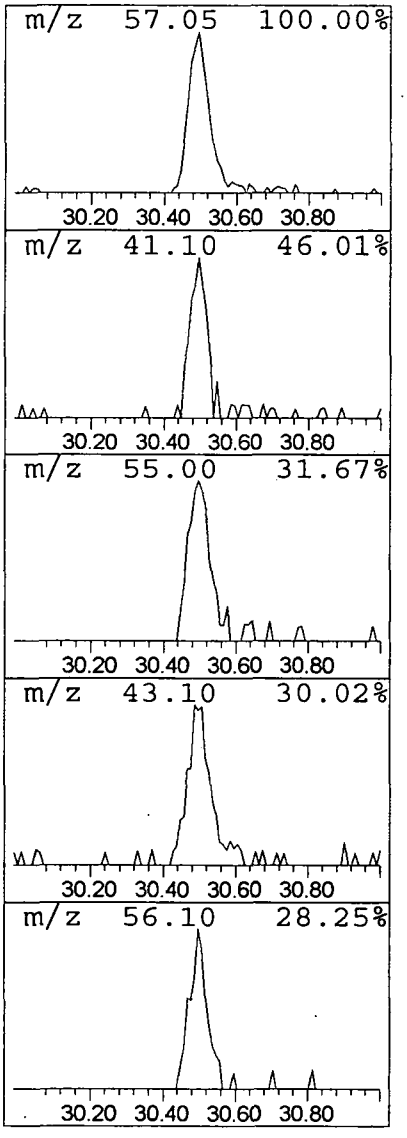
****

Peak Number 3 2 ETHYL HEXANOL Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.12 ug/L	63092	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	80
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	80





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:28:59

Sample: AE11568
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 18:01 Ended: 5/20/02 18:01 Analyst: BH
Result source: a:\11568.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.0	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		4.7	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: 05/22/2002 Time: 14:28:59

Sample: AE11568
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 18:01 Ended: 5/20/02 18:01 Analyst: BH
Result source: a:\11568.rr
Page: 2

	Component Name	Viol	Result	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 AE11568 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:50:16

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.07 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11568.D Vial: 8
Acq On : 20 May 2002 6:01 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 18:42:39 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 : W050302

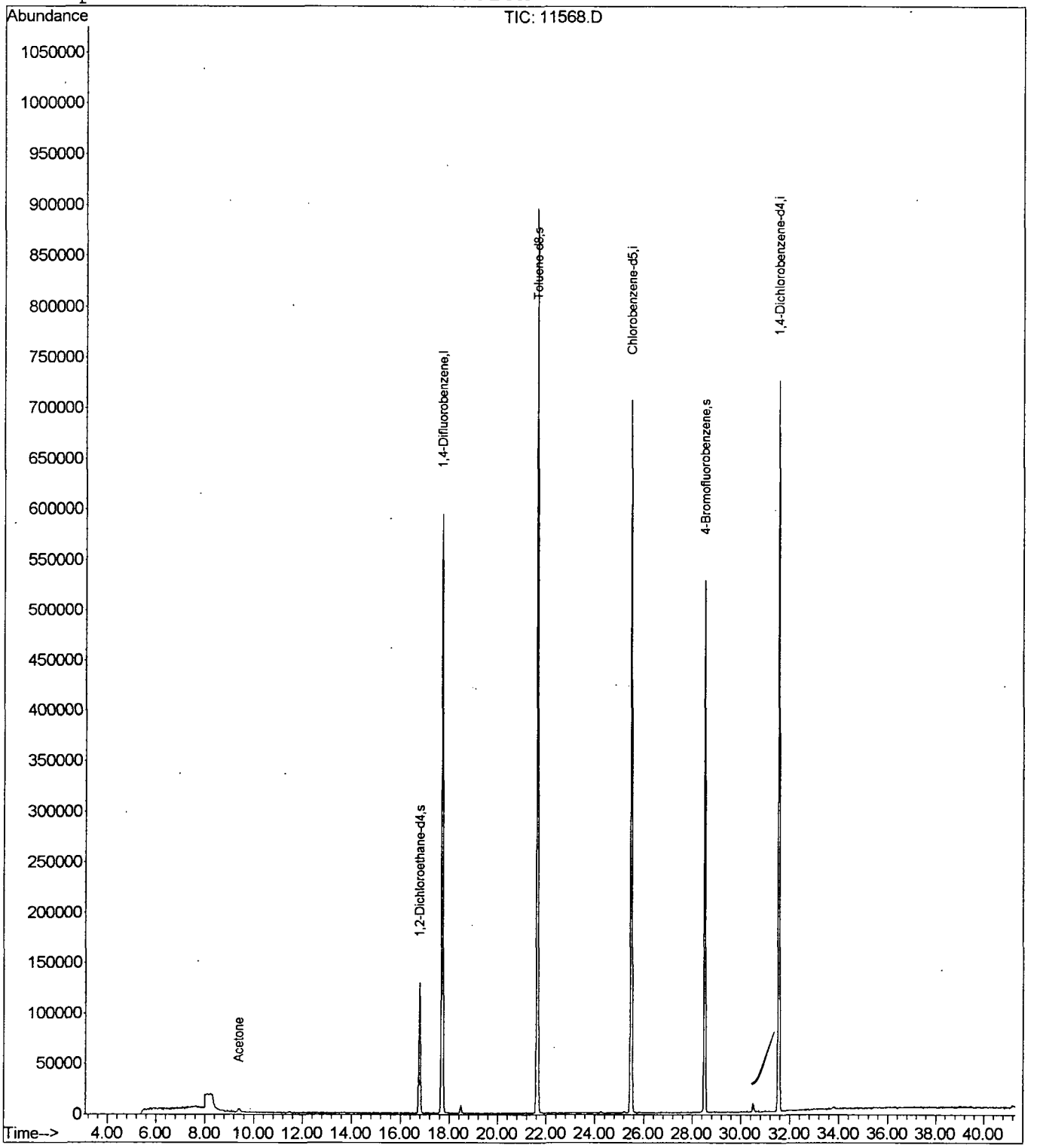
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1092314	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	909761	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	684022	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	198791	4.99	ug/L	0.00
Spiked Amount 5.000			Recovery = 99.80%			
17) Toluene-d8	21.62	98	1402853	4.67	ug/L	0.00
Spiked Amount 5.000			Recovery = 93.40%			
54) 4-Bromofluorobenzene	28.51	95	435612	5.37	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.40%			
Target Compounds						Qvalue
11) Acetone	9.39	43	11934	4.06	ug/L	93

(#) = qualifier out of range (m) = manual integration
11568.D W050302.M Mon May 20 18:42:40 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11568.D Vial: 8
Acq On : 20 May 2002 6:01 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 18:42 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\02may20\11568.D Vial: 8
Acq On : 20 May 2002 6:01 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

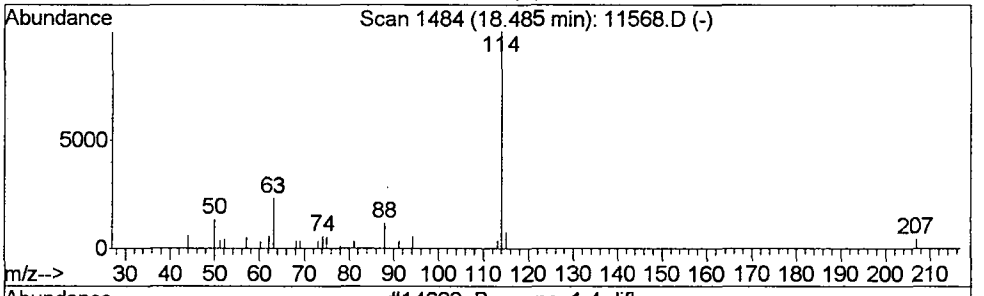
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

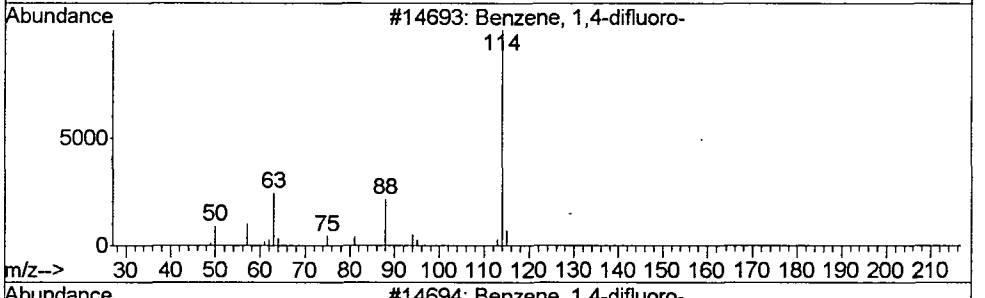
****

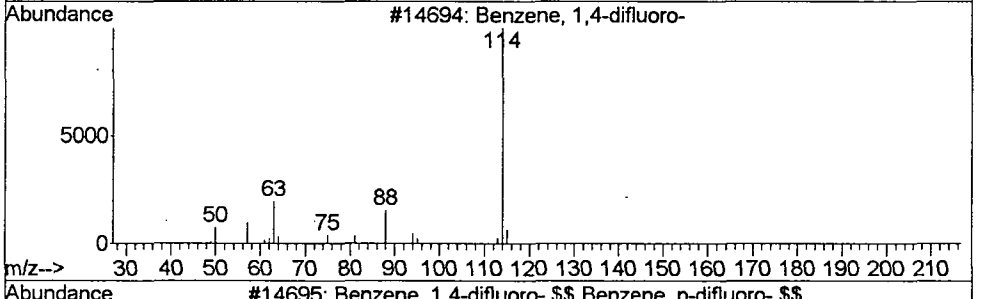
Peak Number 2 Benzene, 1,4-difluoro- Concentration Rank 2

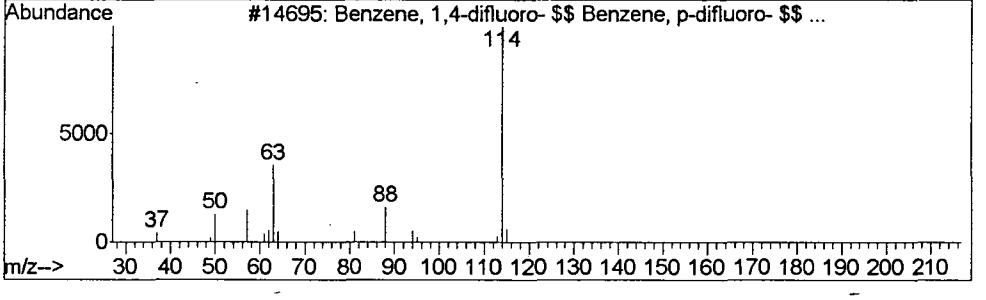
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	29360	1,4-Difluorobenzene	17.70

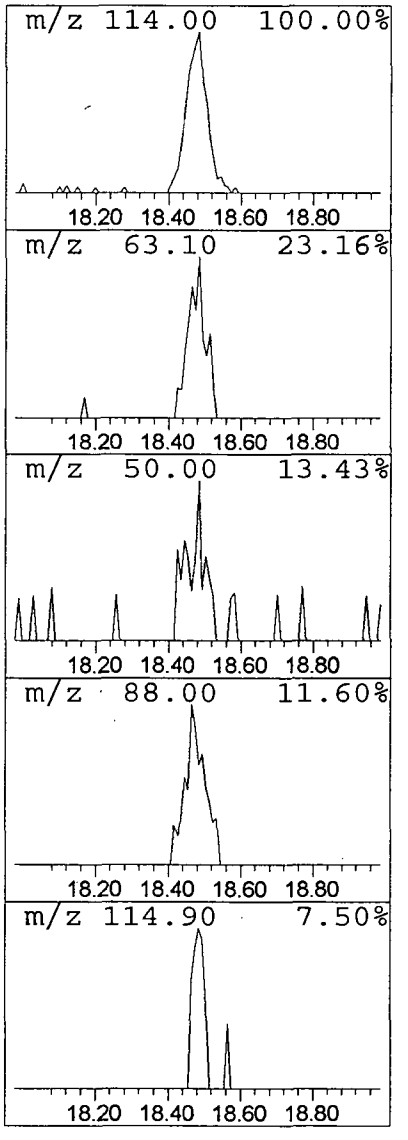
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	80
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	80
3	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	78
4	Benzene, 1,3-difluoro- $$ Benzen...	114	C6H4F2	000372-18-9	72











Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11568.D Vial: 8
Acq On : 20 May 2002 6:01 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

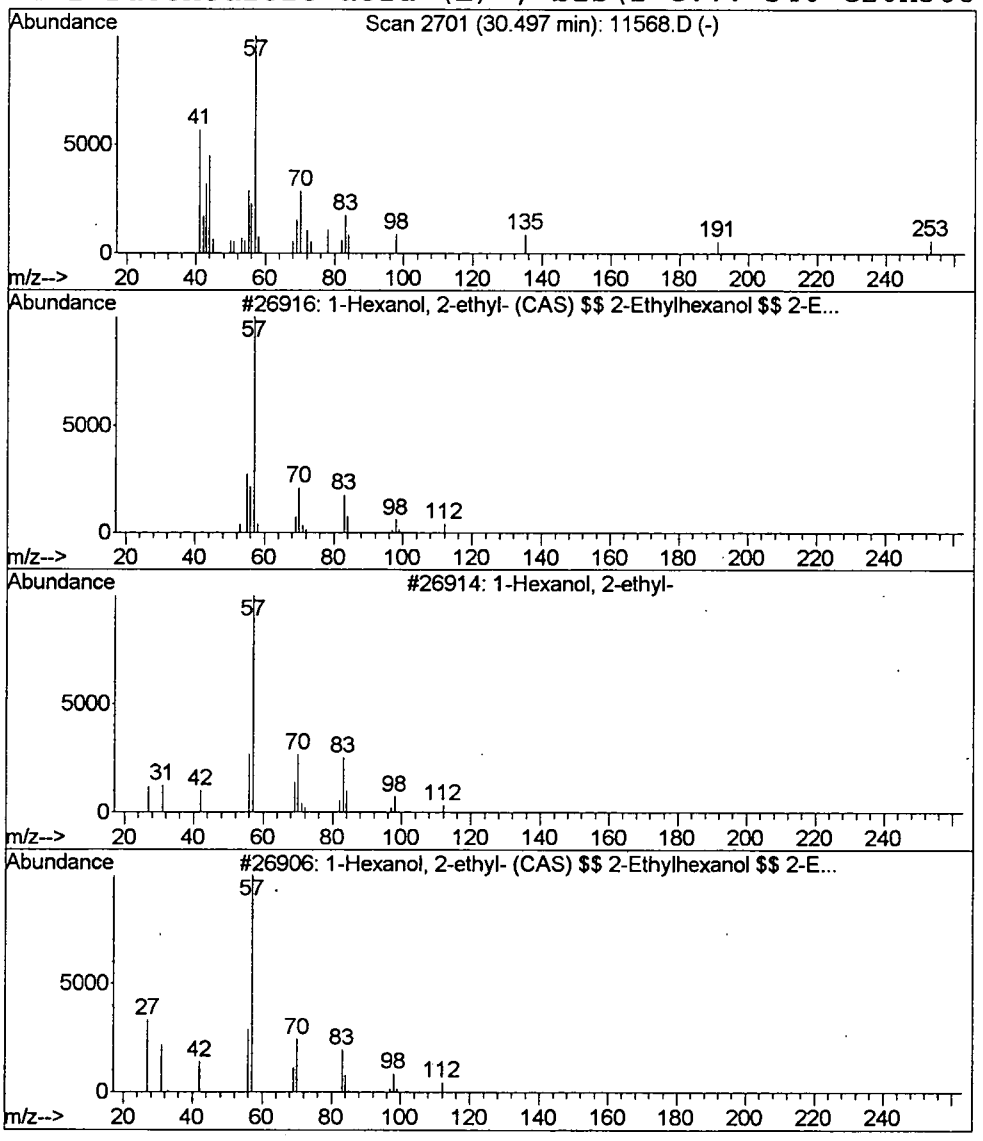
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

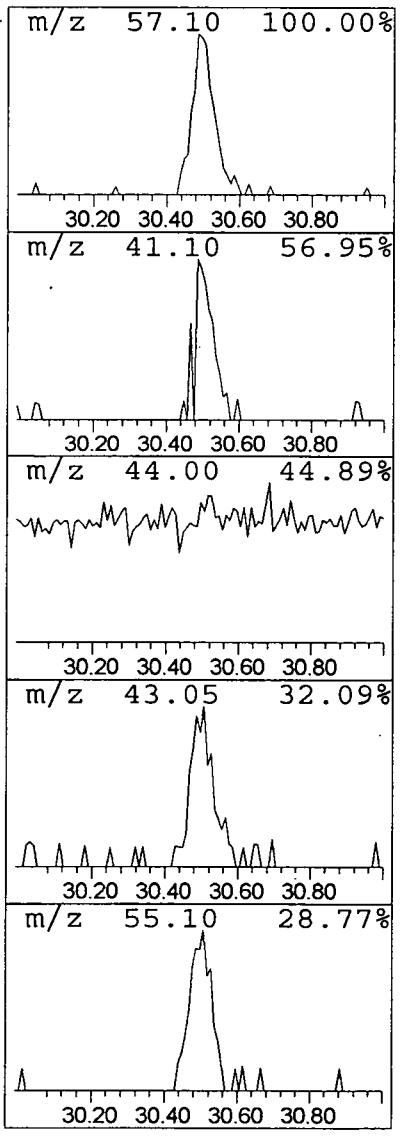
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.07 ug/L	35697	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	38
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	38
4	2-Butenedioic acid (E)-, bis(2-e...	340	C20H36O4	000141-02-6	38





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:29:14

Sample: AE11570
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 18:47 Ended: 5/20/02 18:47 Analyst: BH
Result source: a:\11570.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	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		4.7	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: 05/22/2002 Time: 14:29:14

Sample: AE11570
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 18:47 Ended: 5/20/02 18:47 Analyst: BH
Result source: a:\11570.rr
Page: 2

	Component Name	Viol	Result	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 AE11570 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:51:22

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.41 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11570.D Vial: 10
Acq On : 20 May 2002 6:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 19:29:24 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 : W050302

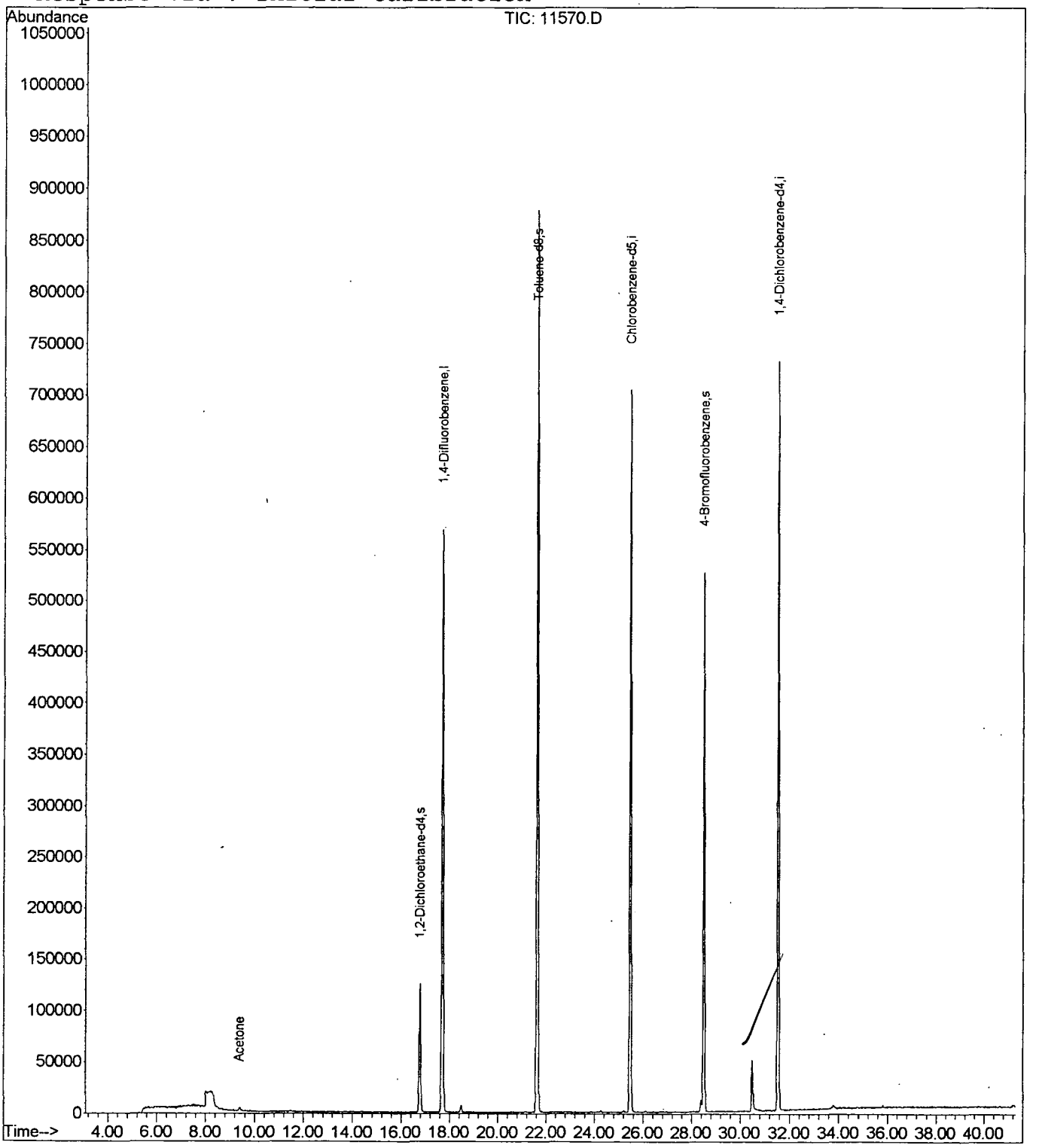
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1062638	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	898780	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	681811	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	196003	5.05	ug/L	0.00
Spiked Amount 5.000			Recovery =	101.00%		
17) Toluene-d8	21.62	98	1382659	4.73	ug/L	0.00
Spiked Amount 5.000			Recovery =	94.60%		
54) 4-Bromofluorobenzene	28.51	95	433612	5.36	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.20%		
Target Compounds						Qvalue
11) Acetone	9.39	43	11476	4.01	ug/L	90

(#) = qualifier out of range (m) = manual integration
11570.D W050302.M Mon May 20 19:29:25 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11570.D Vial: 10
Acq On : 20 May 2002 6:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 19:29 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\02may20\11570.D Vial: 10
Acq On : 20 May 2002 6:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

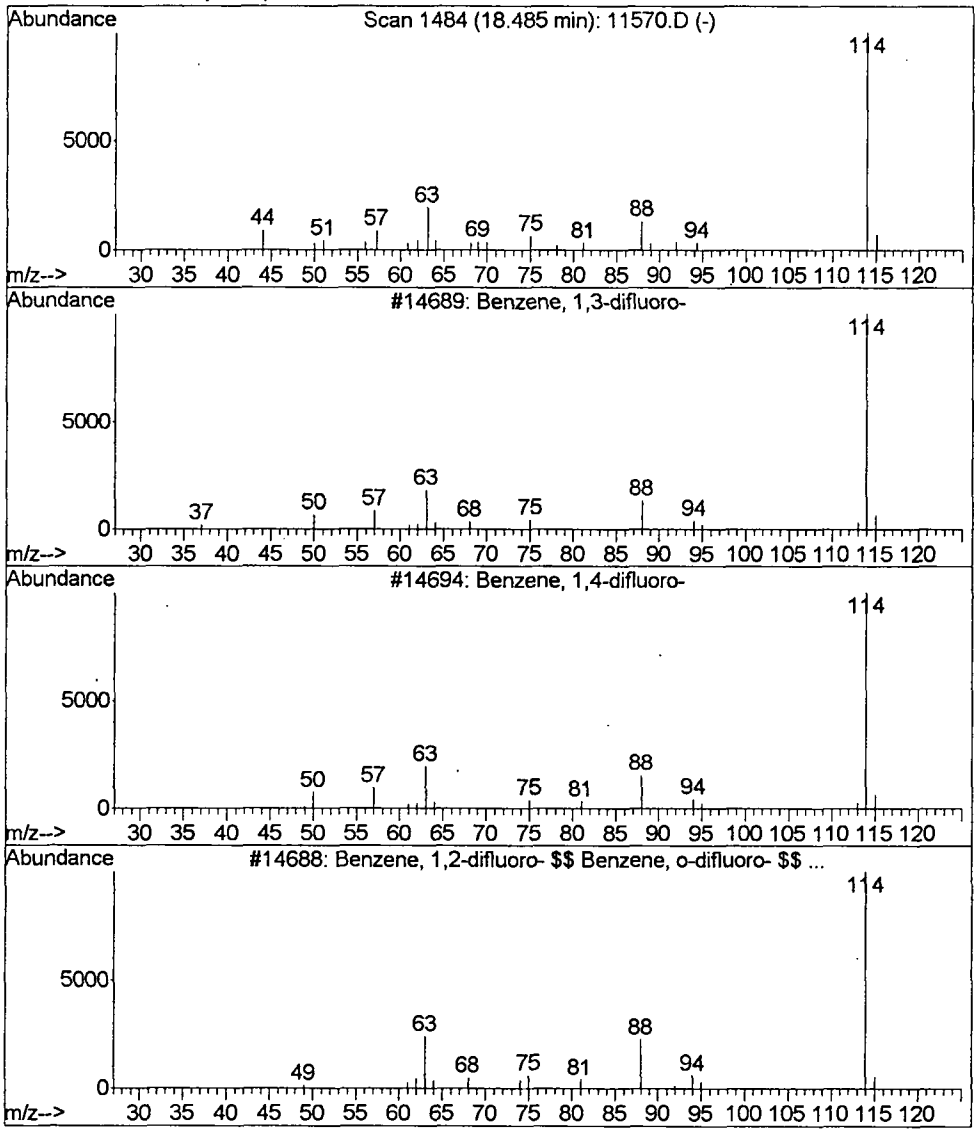
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

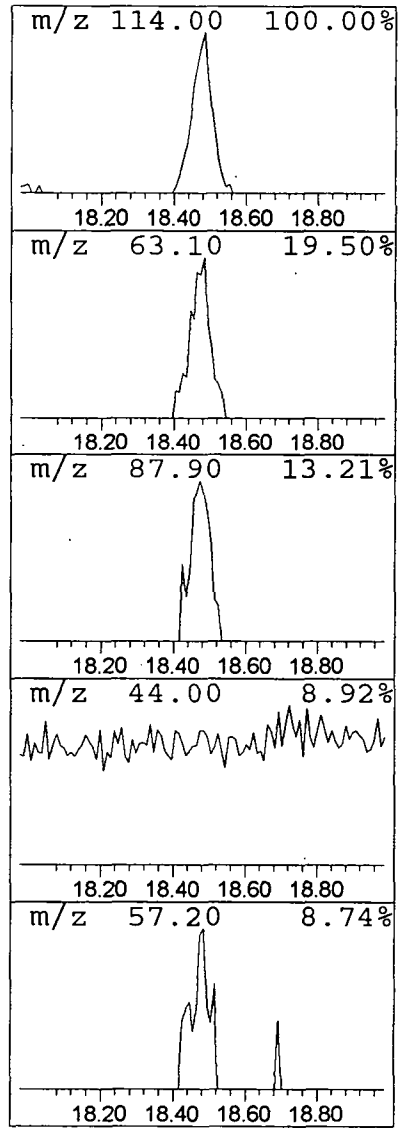
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	28351	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	91
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
3	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	91
4	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	90





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11570.D Vial: 10
Acq On : 20 May 2002 6:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

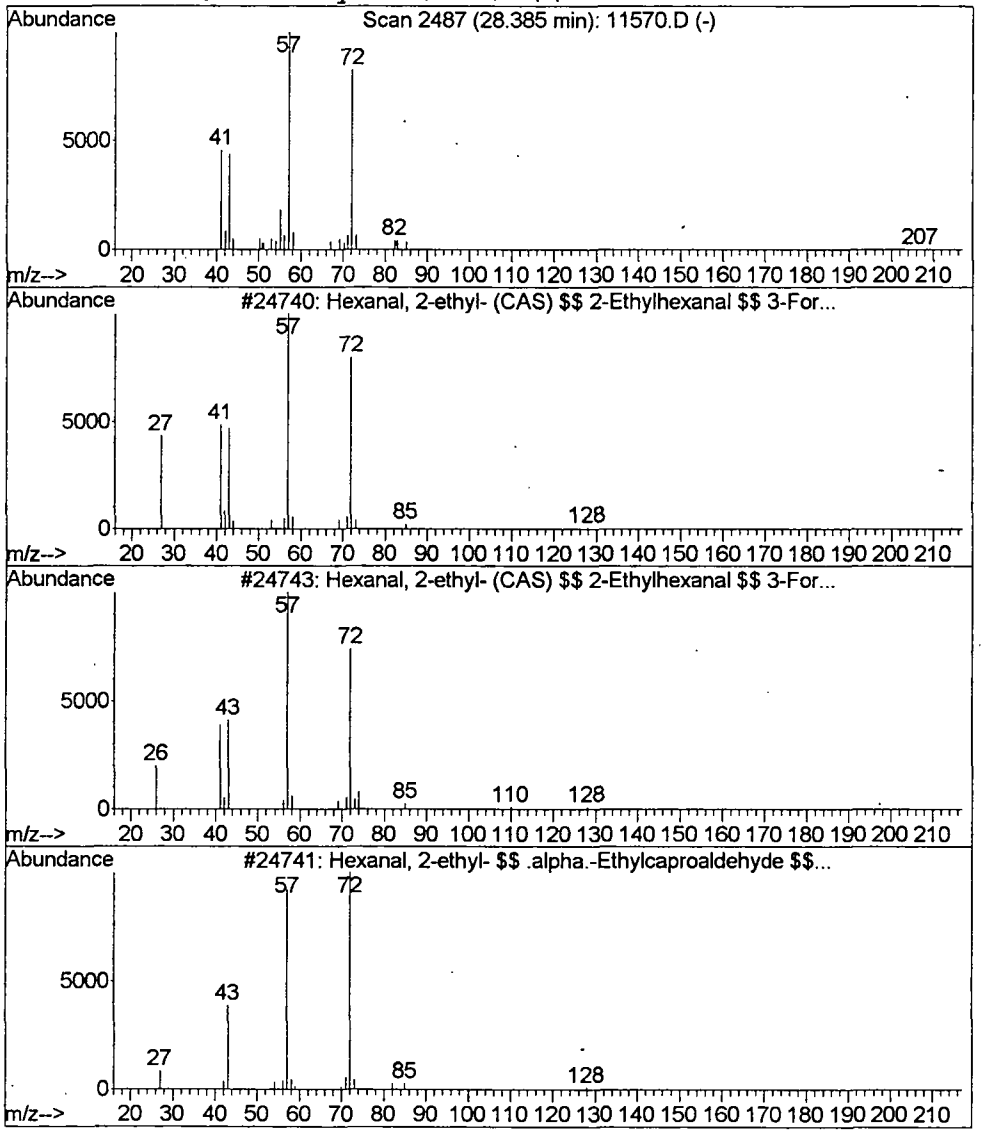
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

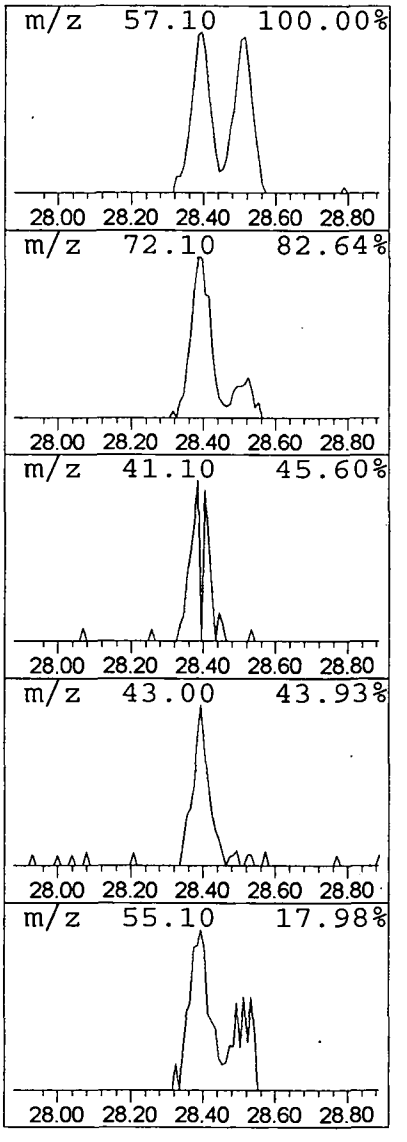
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.38	0.08 ug/L	43905	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	86
2	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	78
3	Hexanal, 2-ethyl- $$ .alpha.-Eth...	128	C8H16O	000123-05-7	78
4	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	78





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11570.D Vial: 10
Acq On : 20 May 2002 6:47 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

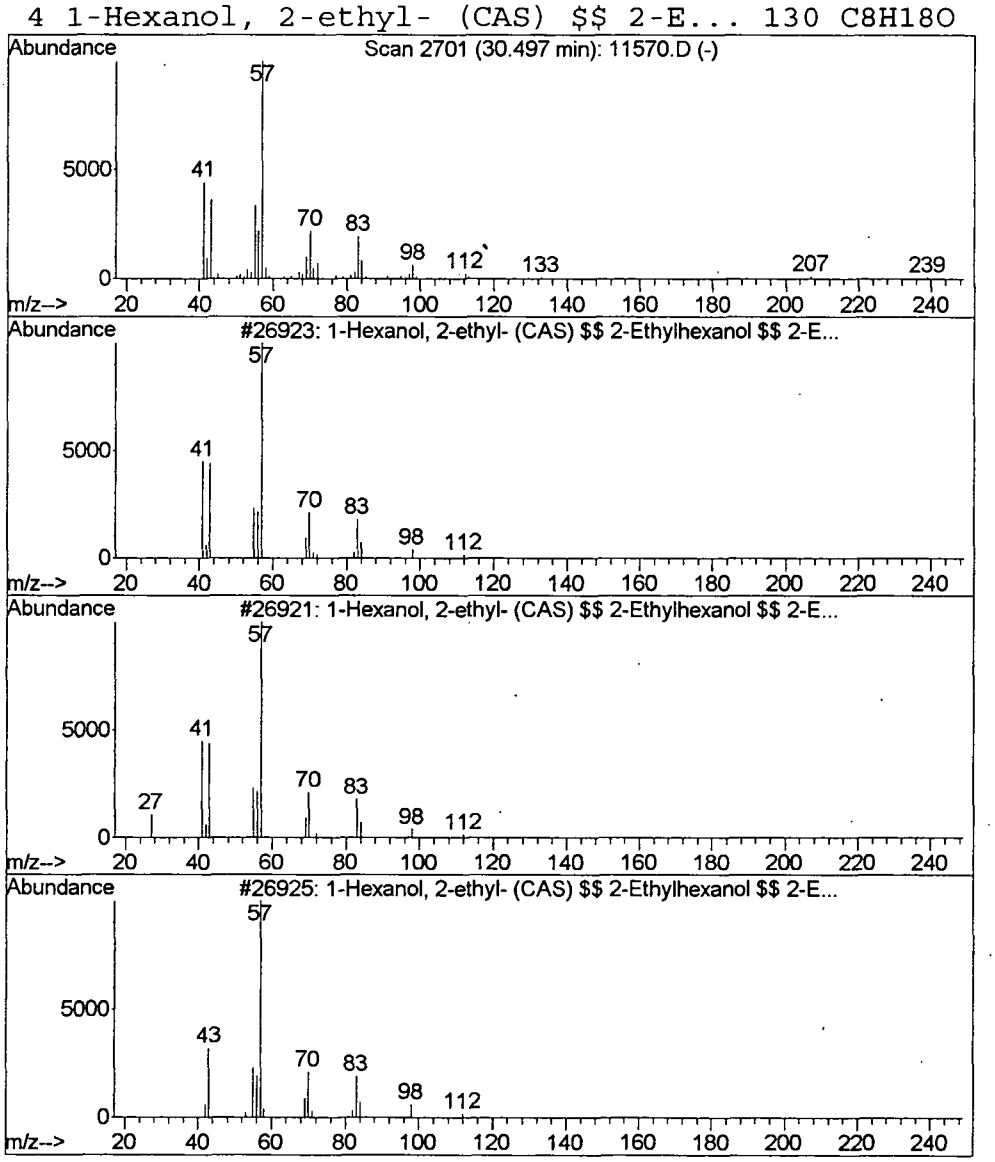
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

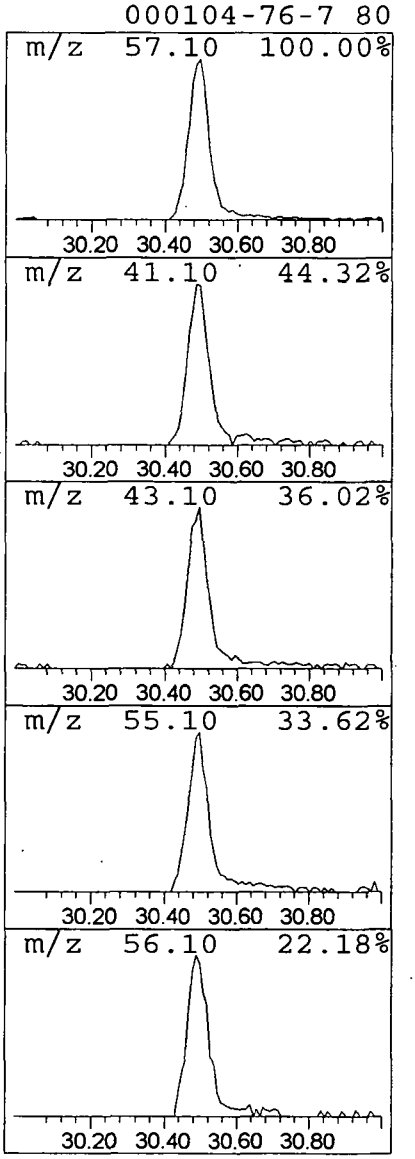
****

Peak Number 4 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.41 ug/L	213525	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	90
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	86
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	80





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:29:26

Sample: AE11571
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 19:34 Ended: 5/20/02 19:34 Analyst: BH
Result source: a:\11571.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	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: 05/22/2002 Time: 14:29:26

Sample: AE11571
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 19:34 Ended: 5/20/02 19:34 Analyst: BH
Result source: a:\11571.rr

	Component Name	Viol	Result	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 AE11571 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:52:23

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.50 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02MAY20\11571.D Vial: 11
Acq On : 20 May 2002 7:34 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 20:16:01 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 : W050302

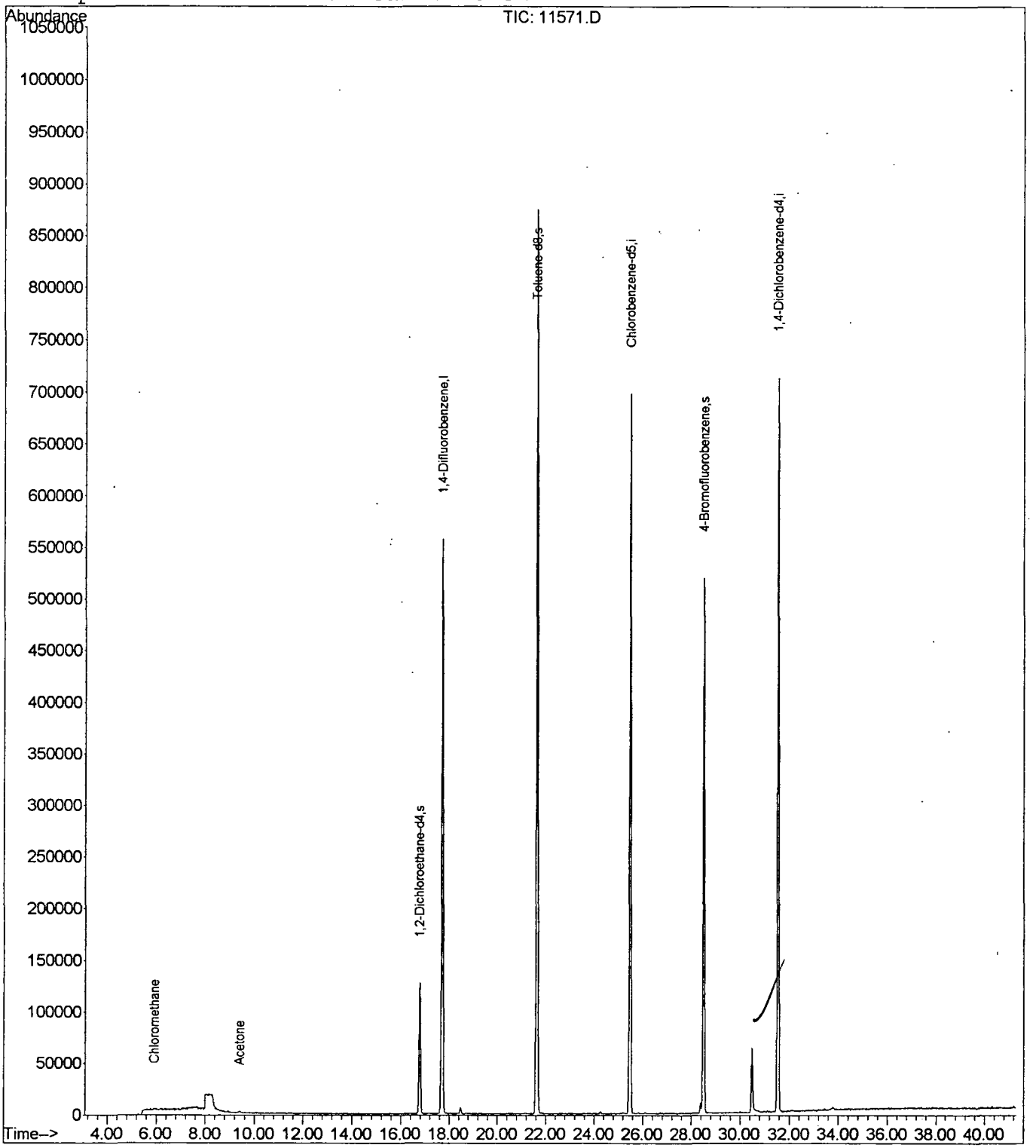
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1039349	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	895234	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	676960	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	195037	5.14	ug/L	0.00
Spiked Amount 5.000			Recovery = 102.80%			
17) Toluene-d8	21.62	98	1364525	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.60%			
54) 4-Bromofluorobenzene	28.51	95	429680	5.35	ug/L	0.00
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
4) Chloromethane	5.94	50	4833	0.10	ug/L	87
11) Acetone	9.41	43	5238	1.87	ug/L	80

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11571.D Vial: 11
Acq On : 20 May 2002 7:34 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 20:16 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\02may20\11571.D Vial: 11
Acq On : 20 May 2002 7:34 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

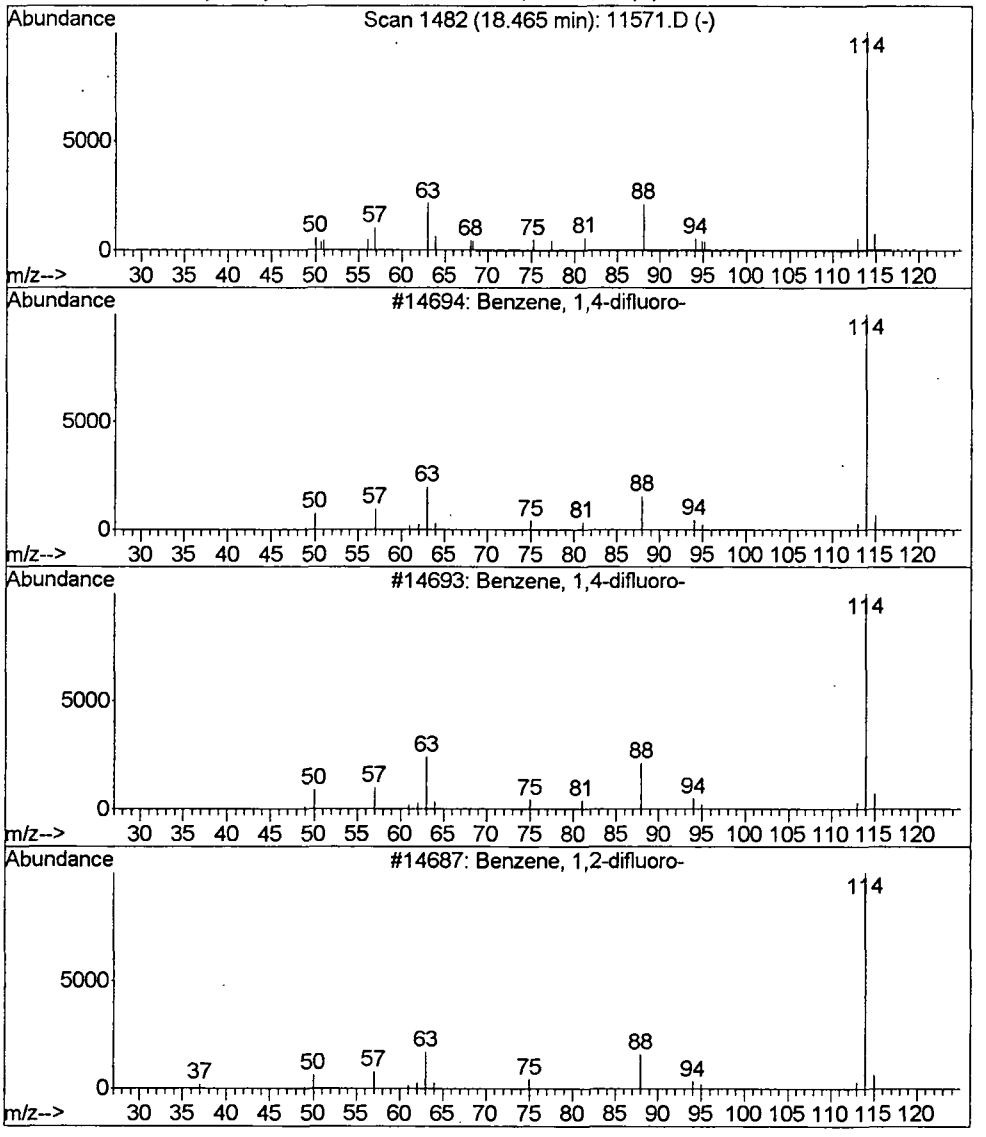
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

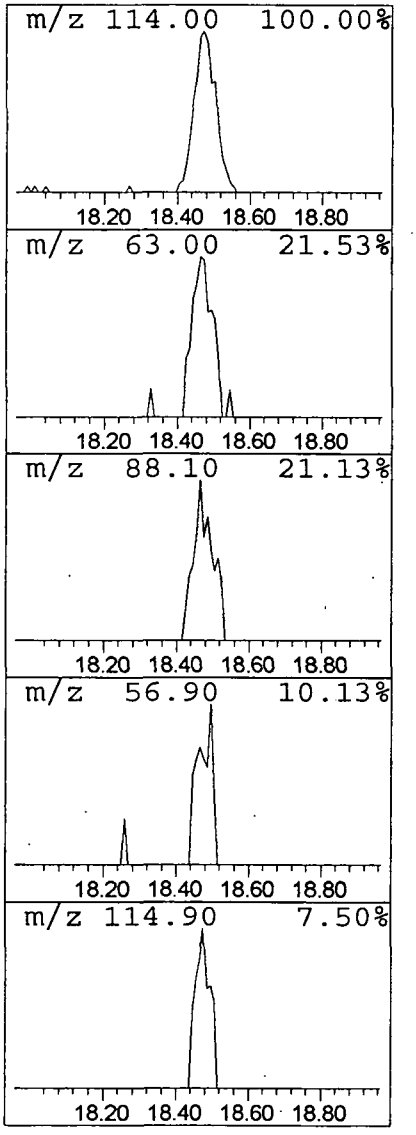
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.05 ug/L	24816	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	91
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	91





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11571.D Vial: 11
Acq On : 20 May 2002 7:34 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

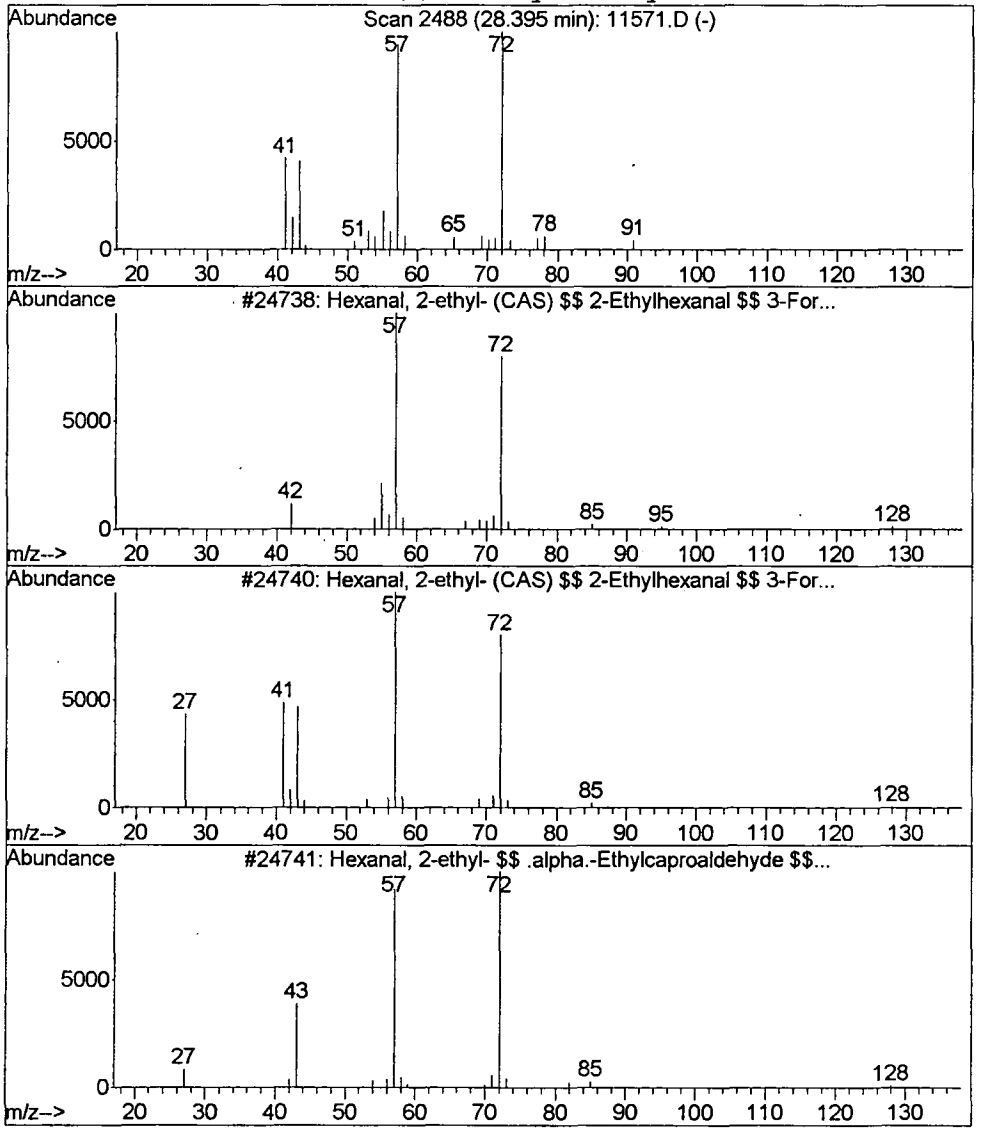
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

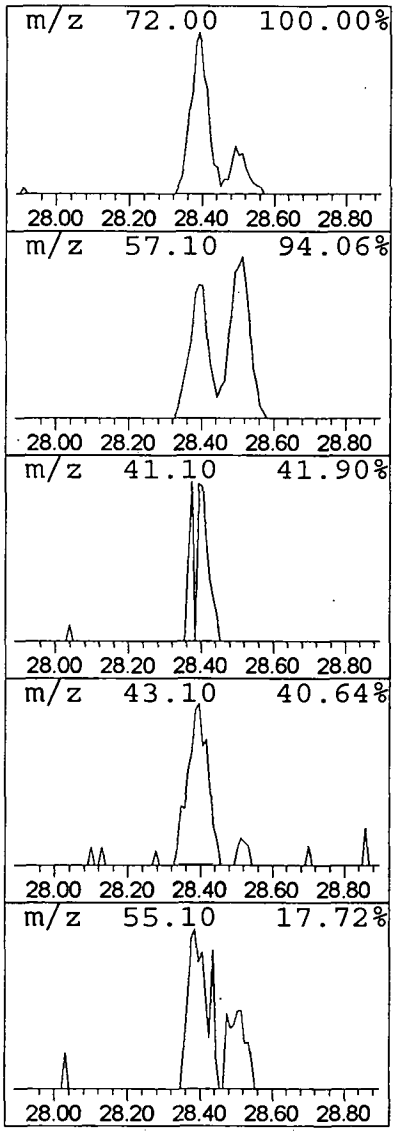
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.39	0.06 ug/L	33683	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	72
2	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	72
3	Hexanal, 2-ethyl- $$ .alpha.-Eth...	128	C8H16O	000123-05-7	64
4	2-Butanone (CAS) $$ Methyl ethyl...	72	C4H8O	000078-93-3	50





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11571.D Vial: 11
Acq On : 20 May 2002 7:34 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

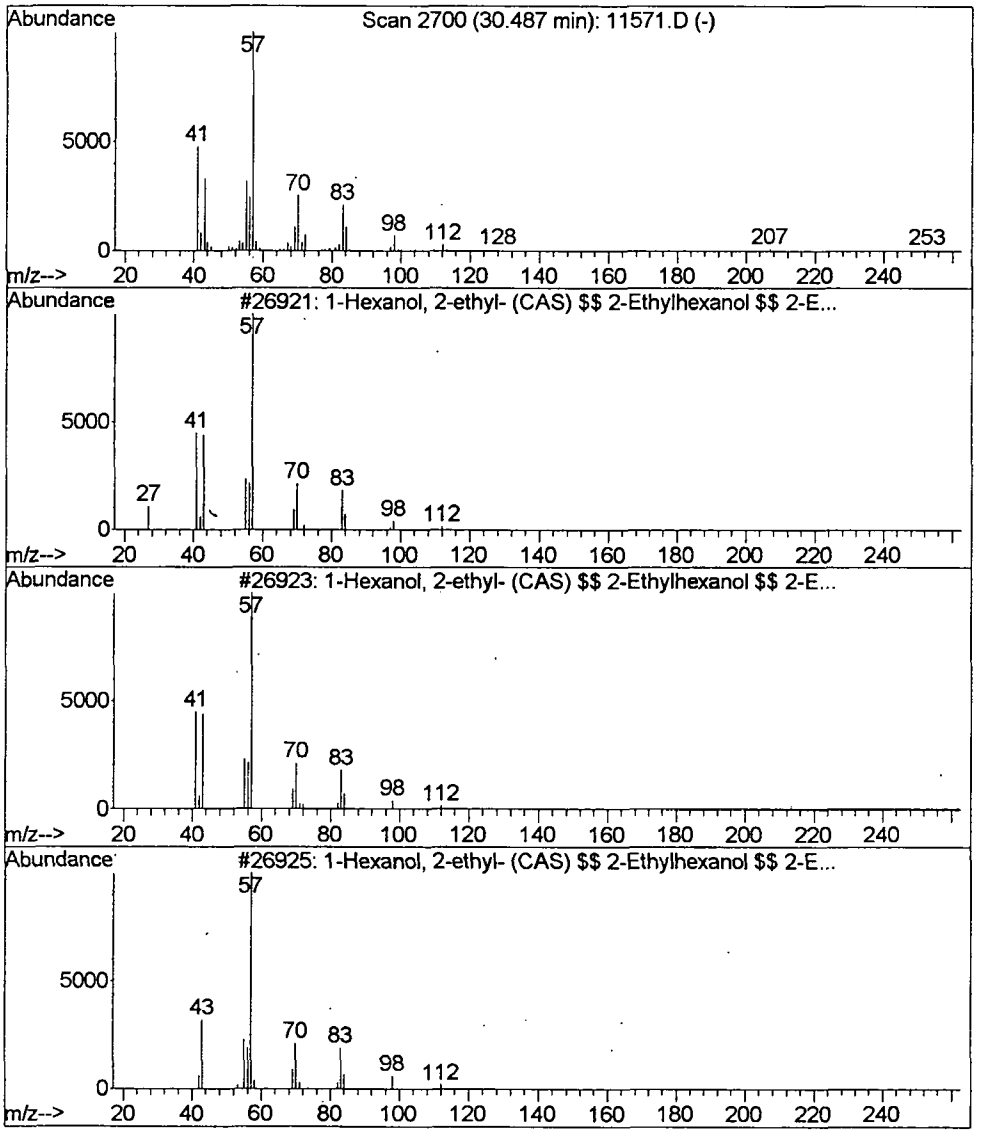
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

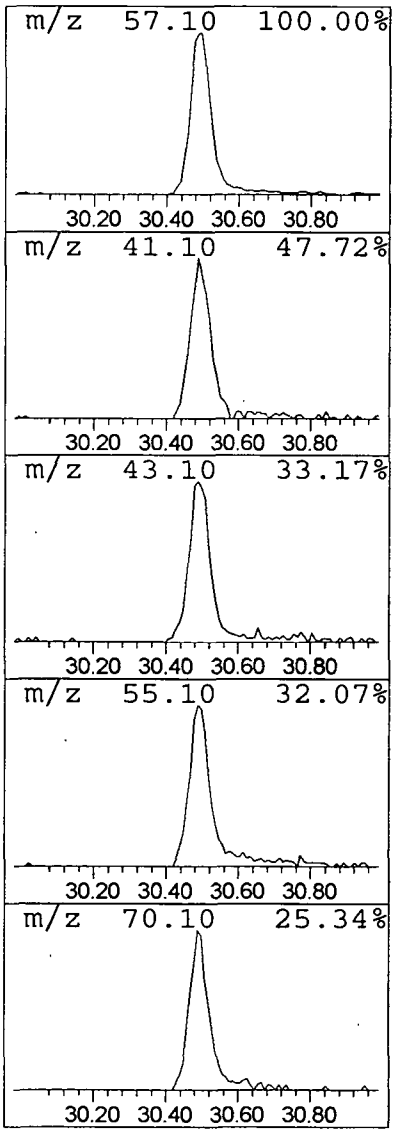
****

Peak Number 4 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.50 ug/L	258637	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	90
3	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	86
4	2 ETHYL HEXANOL	130	C8H18O	000104-76-7	80





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:29:39

Sample: AE11572
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 20:21 Ended: 5/20/02 20:21 Analyst: BH
Result source: a:\11572.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	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		4.7	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: 05/22/2002 Time: 14:29:39

Sample: AE11572
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 20:21 Ended: 5/20/02 20:21 Analyst: BH
Result source: a:\11572.rr
Page: 2

	Component Name	Viol	Result	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 AE11572 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:53:14

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.55 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11572.D Vial: 12
Acq On : 20 May 2002 8:21 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 21:02:44 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 : W050302

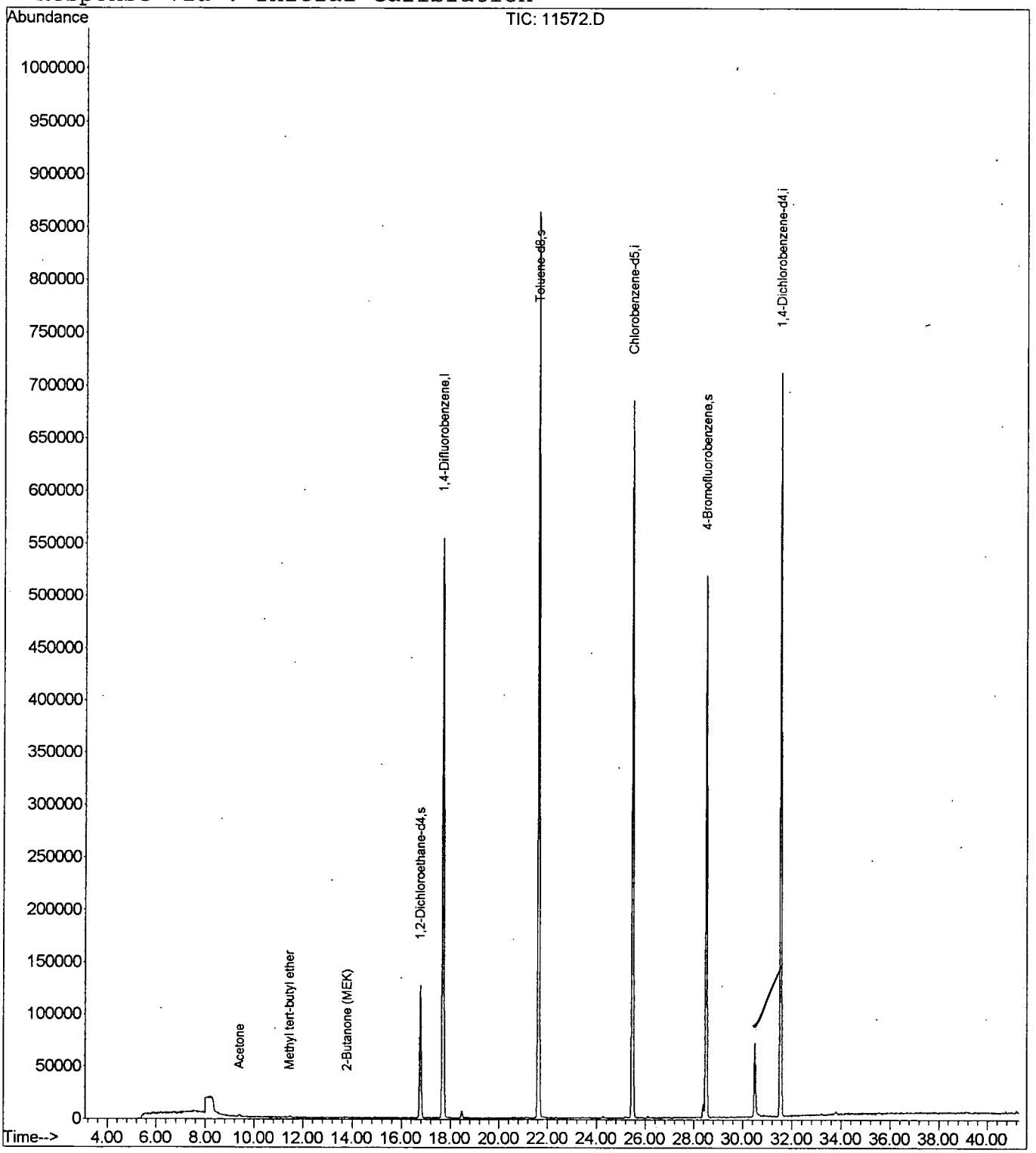
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.71	114	1036140	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	878992	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	666179	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	195790	5.18	ug/L	0.00
Spiked Amount 5.000			Recovery =	103.60%		
17) Toluene-d8	21.62	98	1344756	4.72	ug/L	0.00
Spiked Amount 5.000			Recovery =	94.40%		
54) 4-Bromofluorobenzene	28.51	95	424646	5.37	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.40%		
Target Compounds						Qvalue
11) Acetone	9.40	43	6077	2.18	ug/L	97
14) Methyl tert-butyl ether	11.48	73	3222	0.09	ug/L	82
18) 2-Butanone (MEK)	13.80	43	299	0.08	ug/L	97

(#) = qualifier out of range (m) = manual integration
11572.D W050302.M Mon May 20 21:02:45 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11572.D Vial: 12
Acq On : 20 May 2002 8:21 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 21:02 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\02may20\11572.D Vial: 12
Acq On : 20 May 2002 8:21 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

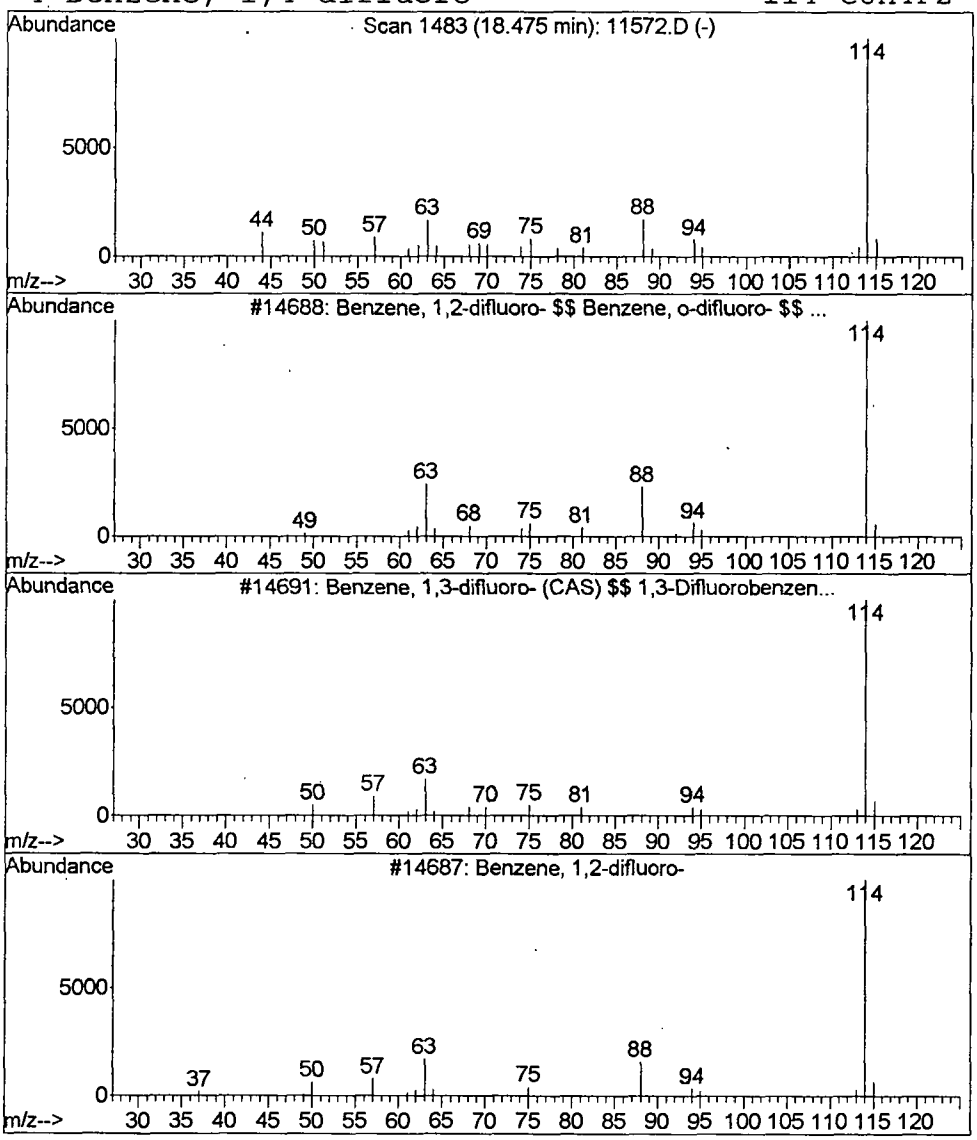
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

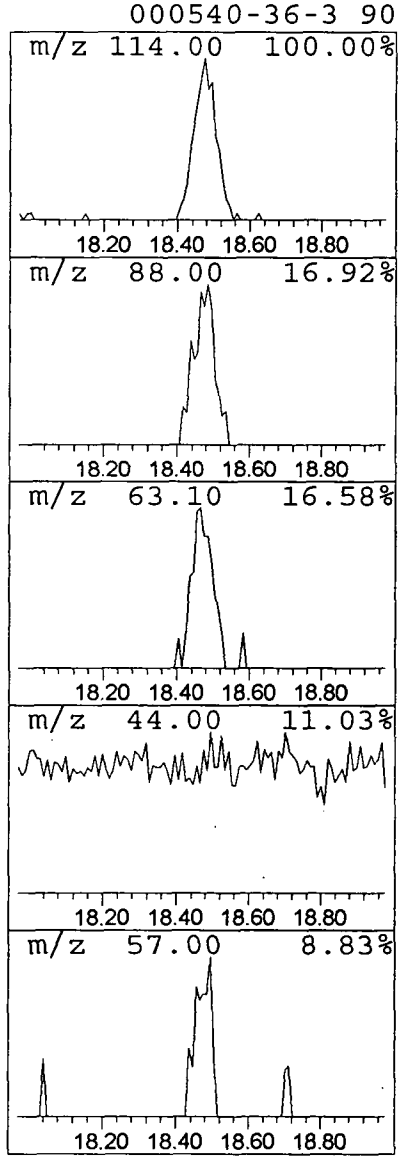
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	27784	1,4-Difluorobenzene	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	93
2	Benzene, 1,3-difluoro- (CAS) $$ ...	114	C6H4F2	000372-18-9	93
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	91
4	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	90





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11572.D Vial: 12
Acq On : 20 May 2002 8:21 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

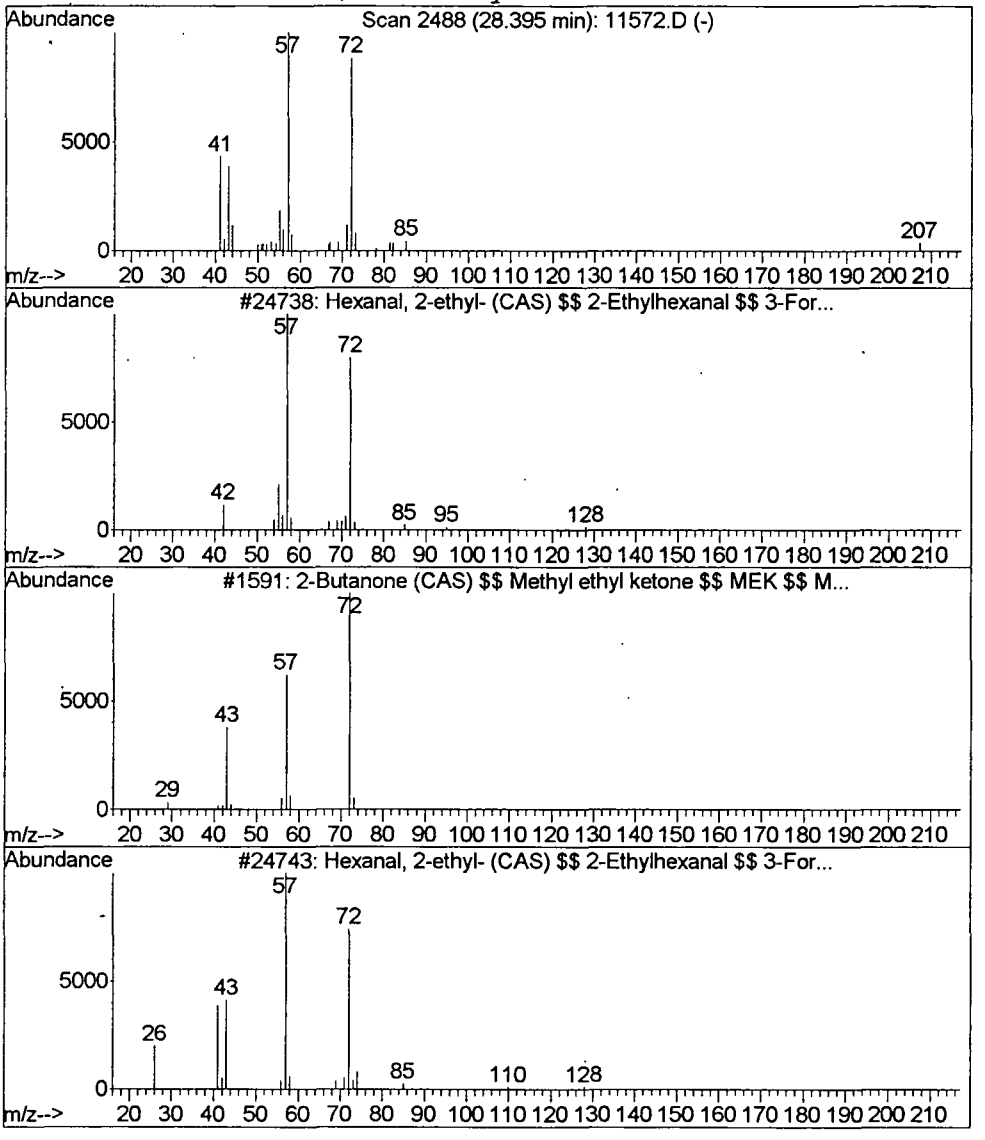
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

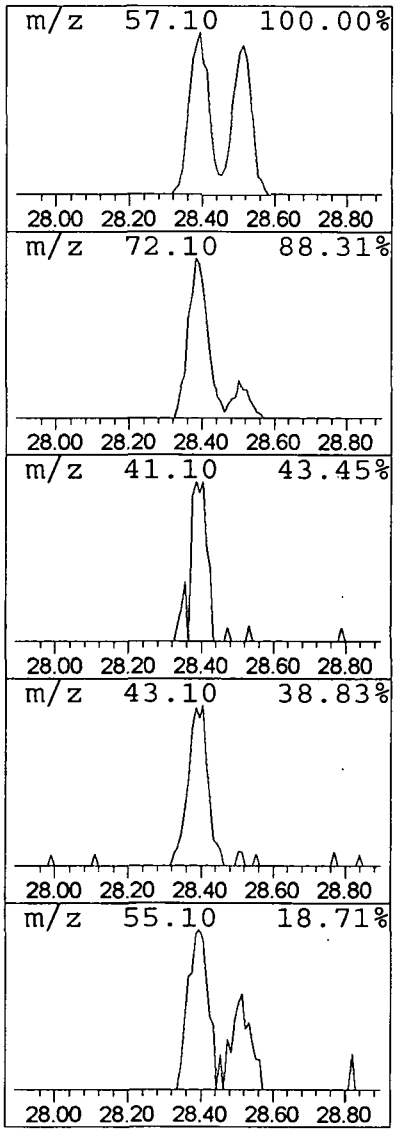
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.39	0.10 ug/L	54202	Chlorobenzene-d5	25.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	64
2	2-Butanone (CAS) $$ Methyl ethyl...	72	C4H8O	000078-93-3	64
3	Hexanal, 2-ethyl- (CAS) $$ 2-Eth...	128	C8H16O	000123-05-7	64
4	trans-1-Butene,1-butoxy-	128	C8H16O	000000-00-0	64





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11572.D Vial: 12
Acq On : 20 May 2002 8:21 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

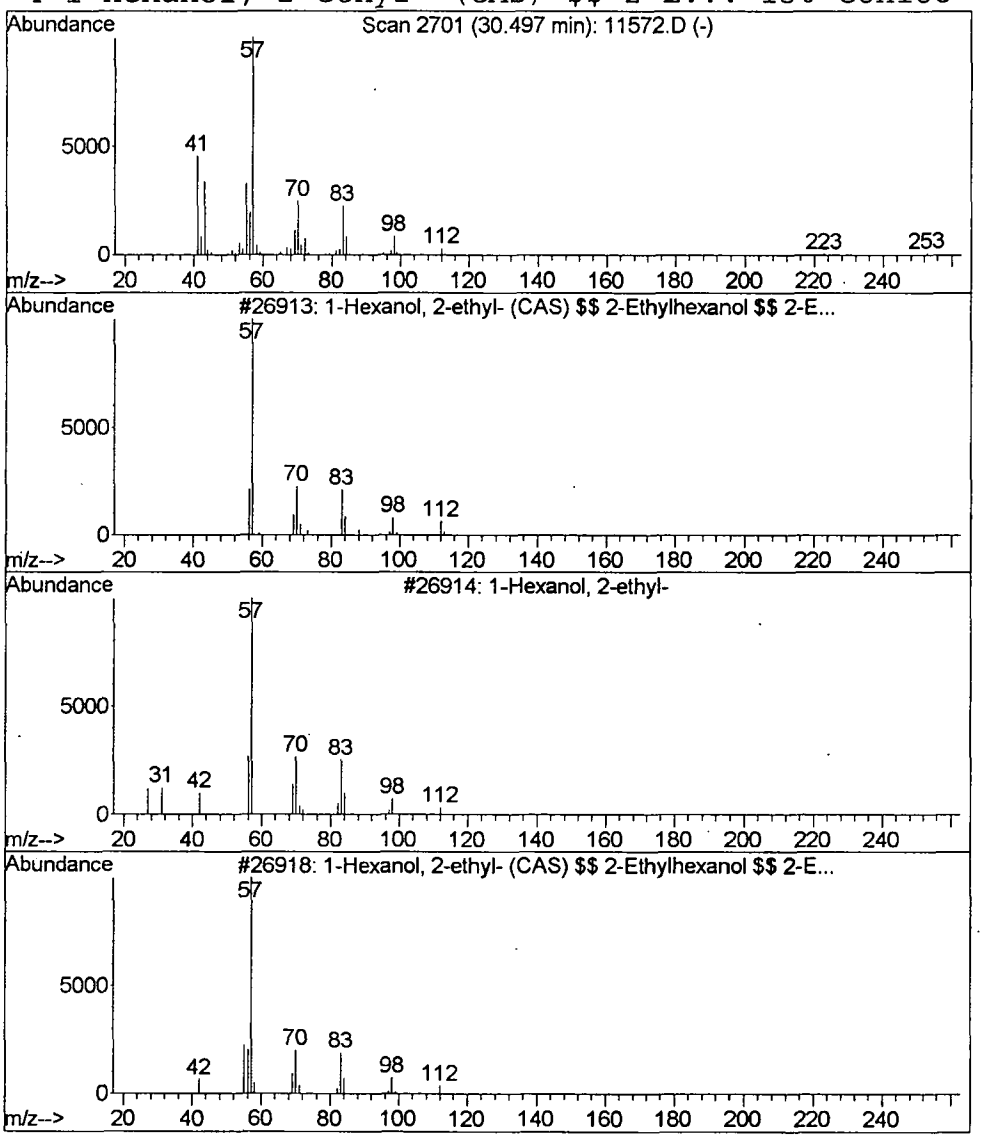
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

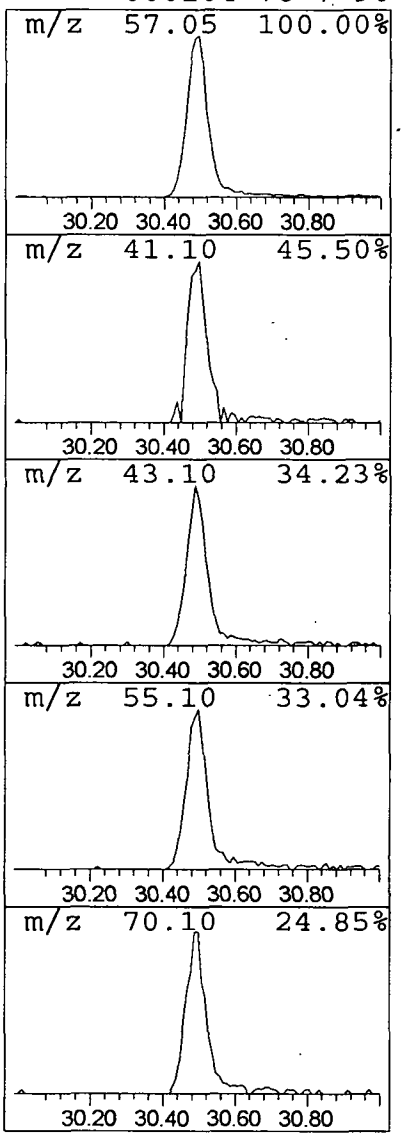
****

Peak Number 4 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.55 ug/L	283076	1,4-Dichlorobenzene-d4	31.54

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





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:50:28

Sample: AE11575
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/20/02 21:07 Ended: 5/20/02 21:07 Analyst: BH
Result source: a:\0520c10b.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.2	.5
2	Surr_4-BROMOFLUOROBENZE		5.0	.5
3	Dichlorodifluoromethane	USPEC	15	.5
4	Chloromethane	USPEC	14	.5
5	Vinyl chloride	USPEC	13	.5
6	Bromomethane		12	.5
7	Chloroethane		13	.5
8	Trichlorofluoromethane		11	.5
9	1,1-Dichloroethene		10	.5
10	Methylene Chloride		11	.5
11	Methyl tert-butyl ether (MTBE)		13	1.0
12	trans-1,2-dichloroethene		10	.5
13	1,1-dichloroethane		11	.5
14	2-butanone (MEK)		47	2.0
15	2,2-dichloropropane		9.9	.5
16	cis-1,2-dichloroethene		11	.5
17	Chloroform		11	.5
18	Bromochloromethane		11	.5
19	1,2-dichloroethane		12	.5
20	Surr_TOLUENE-D8		4.8	.5
21	1,1,1- trichloroethane		10	.5
22	1,1-dichloropropene		10	.5
23	Carbon tetrachloride		10	.5
24	Benzene		11	.5
25	Trichloroethene		11	.5
26	1,2-dichloropropane		12	.5
27	Dibromomethane		12	.5
28	Bromodichloromethane		11	.5
29	Methyl iso-butyl ketone		49	1.0
30	cis-1,3-dichloropropene		12	.5
31	Toluene		10	.5
32	trans-1,3-dichloropropene		12	.5
33	1,1,2-trichloroethane		11	.5
34	Tetrachloroethene		10	.5
35	1,3-dichloropropane		12	.5
36	Dibromochloromethane		11	2.0
37	Chlorobenzene		10	.5
38	1,1,1,2-tetrachloroethane		11	.5
39	Ethylbenzene		10	.5
40	P & M-xylene		21	.5
41	O-xylene		11	.5
42	Styrene		9.8	.5
43	1,1,2,2-tetrachloroethane		11	.5
44	Bromoform		11	2.0
45	Isopropylbenzene		9.4	.5
46	1,2,3-trichloropropane		11	.5
47	N-propylbenzene		10	.5
48	Bromobenzene		11	.5

7 samples < DL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:50:28

Sample: AE11575
Analysis: $C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 5/20/02 21:07 Ended: 5/20/02 21:07 Analyst: BH
Result source: a:\0520c10b.rr
Page: 2

	Component Name.	Viol	Result	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		11	.5
54	SEC-butylbenzene		10	.5
55	P-isopropyltoluene		10	.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		12	.5
61	Hexachlobutadiene		10	.5
62	Naphthalene	USPEC	13	.5
63	1,2,3-trichlorobenzene		12	.5
64	Nitrobenzene		240	5.0

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520C10B.D Vial: 5
Acq On : 20 May 2002 9:07 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 21:49:20 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 : W050302

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1037776	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	889579	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	746877	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	196253	5.18	ug/L	0.00
Spiked Amount 5.000			Recovery =	103.60%		
17) Toluene-d8	21.62	98	1378929	4.83	ug/L	0.00
Spiked Amount 5.000			Recovery =	96.60%		
54) 4-Bromofluorobenzene	28.51	95	446403	5.04	ug/L	0.00
Spiked Amount 5.000			Recovery =	100.80%		
Target Compounds						Qvalue
3) Dichlorodifluoromethane	5.32	85	472119	15.18	ug/L	99
4) Chloromethane	5.92	50	676832	14.31	ug/L	98
5) Vinyl Chloride	6.17	62	640608	13.46	ug/L	100
6) Bromomethane	7.28	94	293688	11.84	ug/L	98
7) Chloroethane	7.45	64	373072	12.85	ug/L	99
8) Trichlorofluoromethane	8.12	101	658370	11.38	ug/L	99
11) Acetone	9.37	43	112065	40.08	ug/L	94
12) 1,1-Dichloroethene	9.78	61	488198	10.19	ug/L	99
13) Methylene Chloride	11.04	49	435454	11.48	ug/L	99
14) Methyl tert-butyl ether	11.44	73	457376	13.43	ug/L	99
15) trans-1,2-Dichloroethene	11.85	61	517076	10.46	ug/L	99
16) 1,1-Dichloroethane	12.95	63	646852	10.50	ug/L	100
18) 2-Butanone (MEK)	14.01	43	180680	46.81	ug/L	99
19) 2,2-Dichloropropane	14.43	77	518653	9.88	ug/L	97
20) cis-1,2-Dichloroethene	14.55	61	490971	10.82	ug/L	99
21) Chloroform	14.95	83	579920	10.69	ug/L	99
22) Bromochloromethane	15.41	49	218763	11.27	ug/L	97
23) 1,1,1-Trichloroethane	16.00	97	544503	10.20	ug/L	99
24) 1,1-Dichloropropene	16.39	75	544607	10.35	ug/L	99
25) Carbon Tetrachloride	16.69	117	441401	10.06	ug/L	99
26) 1,2-Dichloroethane	17.01	62	307678	11.53	ug/L	99
28) Benzene	17.10	78	1711135	10.79	ug/L	100
29) Trichloroethene	18.62	95	405630	10.52	ug/L	99
30) 1,2-Dichloropropane	19.06	63	350851	11.51	ug/L	99
31) Bromodichloromethane	19.66	83	359463	11.47	ug/L	98
32) Dibromomethane	19.83	93	103166	11.59	ug/L	98
33) 2-Chloroethyl vinyl ether	20.28	63	312319	9.63	ug/L	96
34) Methyl iso-butyl ketone	20.39	43	487283	49.49	ug/L	97
35) cis-1,3-Dichloropropene	20.96	75	453605	12.14	ug/L	99

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520C10B.D Vial: 5
Acq On : 20 May 2002 9:07 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 21:49:20 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 : W050302

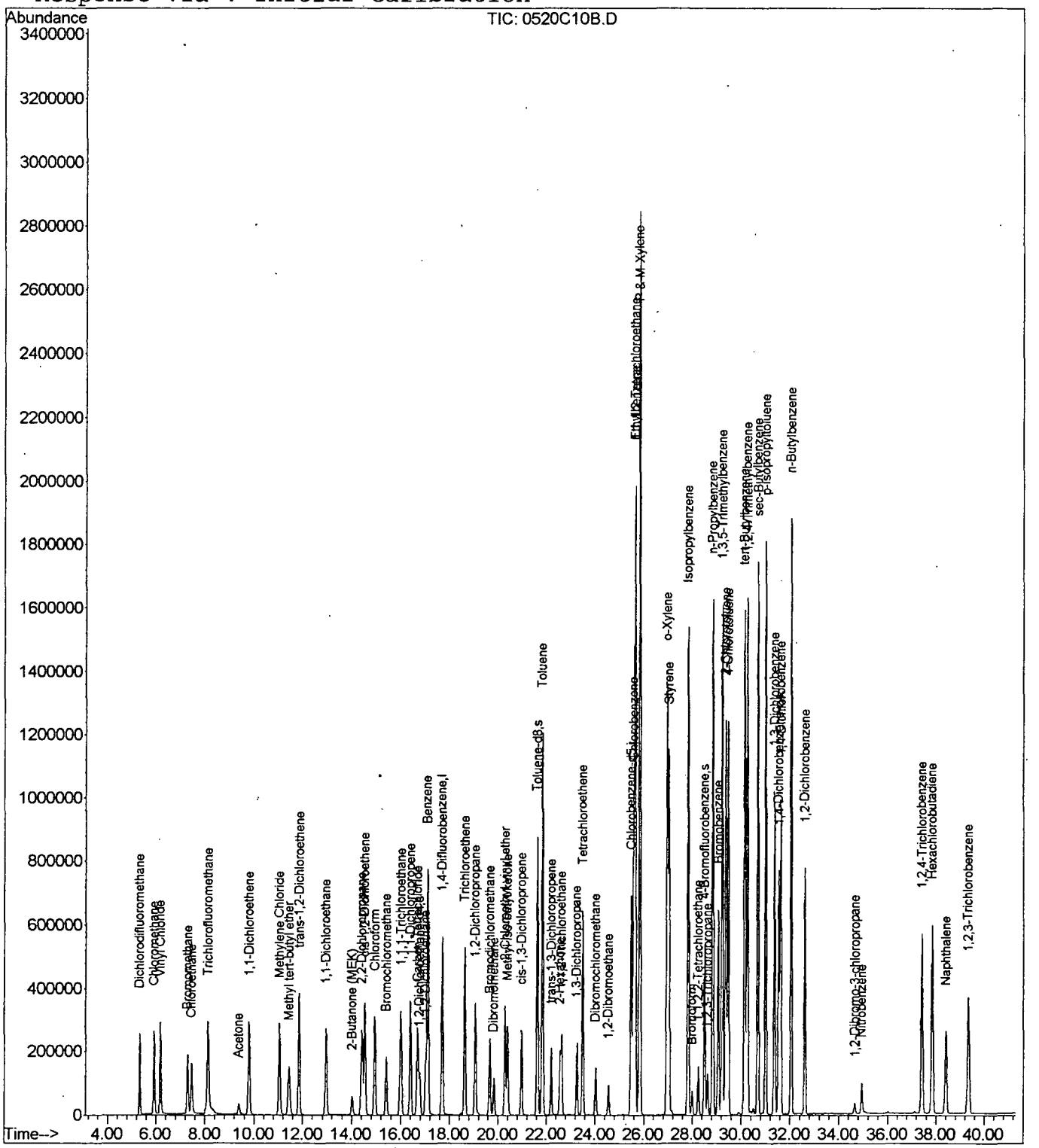
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
36)	Toluene	21.83	91	2103936	10.38	ug/L	99
37)	trans-1,3-Dichloropropene	22.20	75	332021	12.32	ug/L	100
38)	2-Hexanone	22.56	43	313482	47.77	ug/L	100
39)	1,1,2-Trichloroethane	22.63	97	176384	11.28	ug/L	93
40)	1,3-Dichloropropane	23.25	76	330852	11.84	ug/L	96
41)	Tetrachloroethene	23.50	166	416929	10.11	ug/L	99
42)	Dibromochloromethane	24.02	129	177707	11.41	ug/L	98
43)	1,2-Dibromoethane	24.55	107	145290	11.56	ug/L	98
44)	Chlorobenzene	25.57	112	1188134	10.08	ug/L	99
45)	1,1,1,2-Tetrachloroethane	25.64	131	315332	11.16	ug/L	99
46)	Ethylbenzene	25.64	91	2512415	10.13	ug/L	99
47)	P & M-Xylene	25.83	91	4003133	20.69	ug/L	100
48)	o-Xylene	26.96	91	1913790	10.81	ug/L	97
49)	Styrene	27.03	104	1357626	9.84	ug/L	99
50)	Isopropylbenzene	27.82	105	2402896	9.43	ug/L	99
52)	Bromoform	28.00	173	78111	11.29	ug/L	100
53)	1,1,2,2-Tetrachloroethane	28.26	83	176804	11.07	ug/L	98
55)	1,2,3-Trichloropropane	28.64	75	143258	11.11	ug/L	98
56)	n-Propylbenzene	28.84	91	3081141	9.98	ug/L	99
57)	Bromobenzene	29.07	77	742984	10.52	ug/L	98
58)	1,3,5-Trimethylbenzene	29.22	105	2165060	10.34	ug/L	100
59)	2-Chlorotoluene	29.37	91	1778099	10.33	ug/L	97
60)	4-Chlorotoluene	29.47	91	1720769	10.17	ug/L	99
61)	tert-Butylbenzene	30.14	119	1862776	10.10	ug/L	98
62)	1,2,4-Trimethylbenzene	30.25	105	2201073	10.51	ug/L	99
63)	sec-Butylbenzene	30.68	105	2927494	10.03	ug/L	100
64)	p-Isopropyltoluene	31.01	119	2472735	10.20	ug/L	99
65)	1,3-Dichlorobenzene	31.37	146	953172	10.20	ug/L	99
66)	1,4-Dichlorobenzene	31.63	146	914651	10.19	ug/L	99
67)	n-Butylbenzene	32.05	91	2454578	10.52	ug/L	100
68)	1,2-Dichlorobenzene	32.60	146	732112	10.45	ug/L	99
69)	1,2-Dibromo-3-chloropropan	34.66	157	26200	11.63	ug/L	94
70)	Nitrobenzene	34.92	77	106412	240.98	ug/L	98
71)	1,2,4-Trichlorobenzene	37.42	180	492016	11.66	ug/L	99
72)	Hexachlorobutadiene	37.85	225	335897	10.14	ug/L	99
73)	Naphthalene	38.41	128	650749	13.32	ug/L	99
74)	1,2,3-Trichlorobenzene	39.35	180	359651	11.83	ug/L	100

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520C10B.D Vial: 5
Acq On : 20 May 2002 9:07 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 21:49 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



Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520B3.D Vial: 6
Acq On : 20 May 2002 9:54 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 22:35:54 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 : W050302

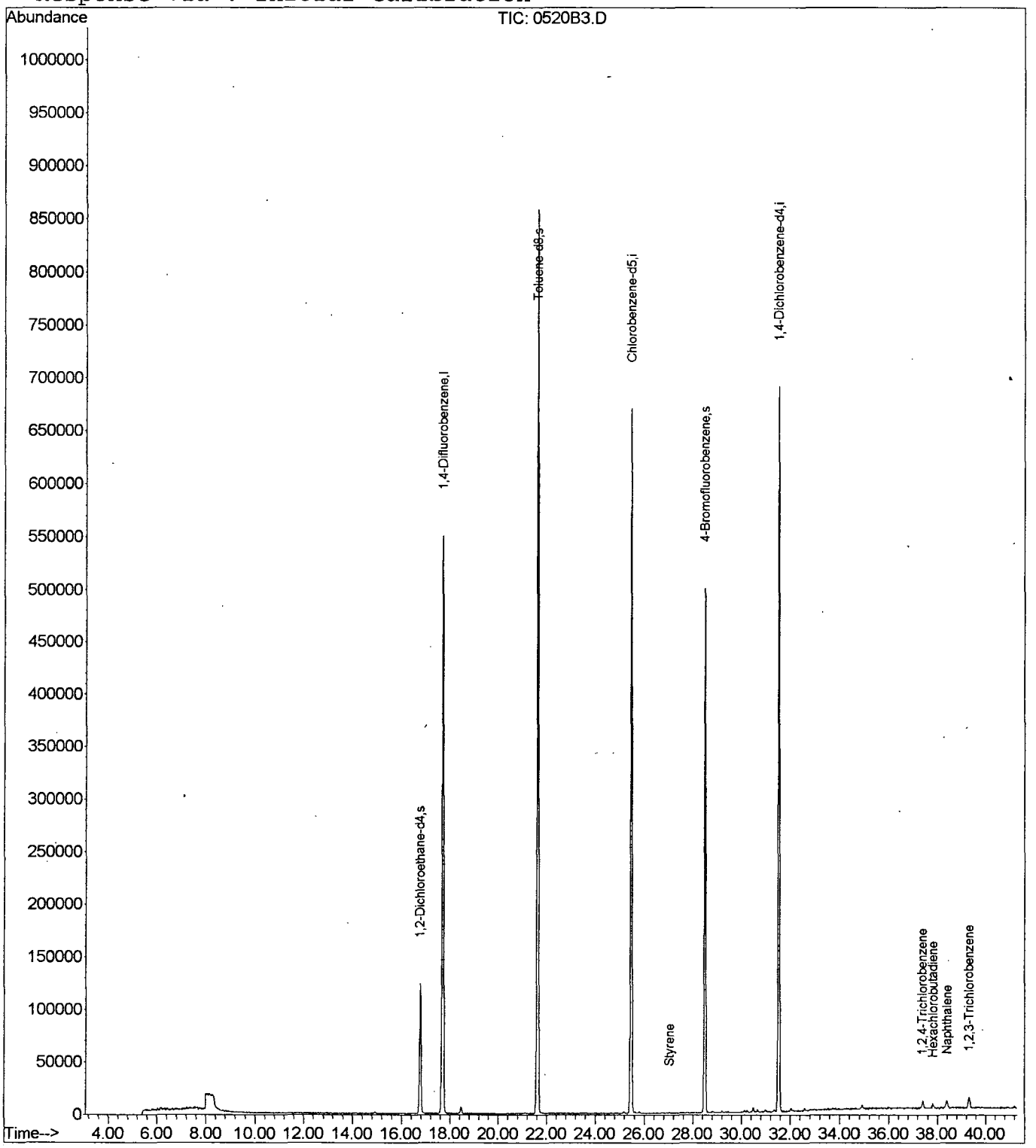
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	1024876	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	860422	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	639599	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	192074	5.14	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.80%		
17) Toluene-d8	21.62	98	1337993	4.75	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.00%		
54) 4-Bromofluorobenzene	28.51	95	414587	5.46	ug/L	0.00
Spiked Amount 5.000			Recovery =	109.20%		
Target Compounds						Qvalue
49) Styrene	27.04	104	776	0.16	ug/L	90
71) 1,2,4-Trichlorobenzene	37.41	180	6034	0.17	ug/L	98
72) Hexachlorobutadiene	37.83	225	2298	0.08	ug/L	75
73) Naphthalene	38.40	128	16144	0.39	ug/L	99
74) 1,2,3-Trichlorobenzene	39.33	180	9414	0.36	ug/L	98

(#) = qualifier out of range (m) = manual integration
0520B3.D W050302.M Mon May 20 22:35:55 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\0520B3.D Vial: 6
Acq On : 20 May 2002 9:54 pm Operator:
Sample : cal 10 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 22:35 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: 05/22/2002 Time: 14:29:53

Sample: AE11574
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 22:41 Ended: 5/20/02 22:41 Analyst: BH
Result source: a:\11574.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3	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: 05/22/2002 Time: 14:29:53

Sample: AE11574
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 22:41 Ended: 5/20/02 22:41 Analyst: BH
Result source: a:\11574.rr
Page: 2

	Component Name	Viol	Result	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 AE11574 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:54:16

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.09 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11574.D Vial: 7
Acq On : 20 May 2002 10:41 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 23:22:27 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 : W050302

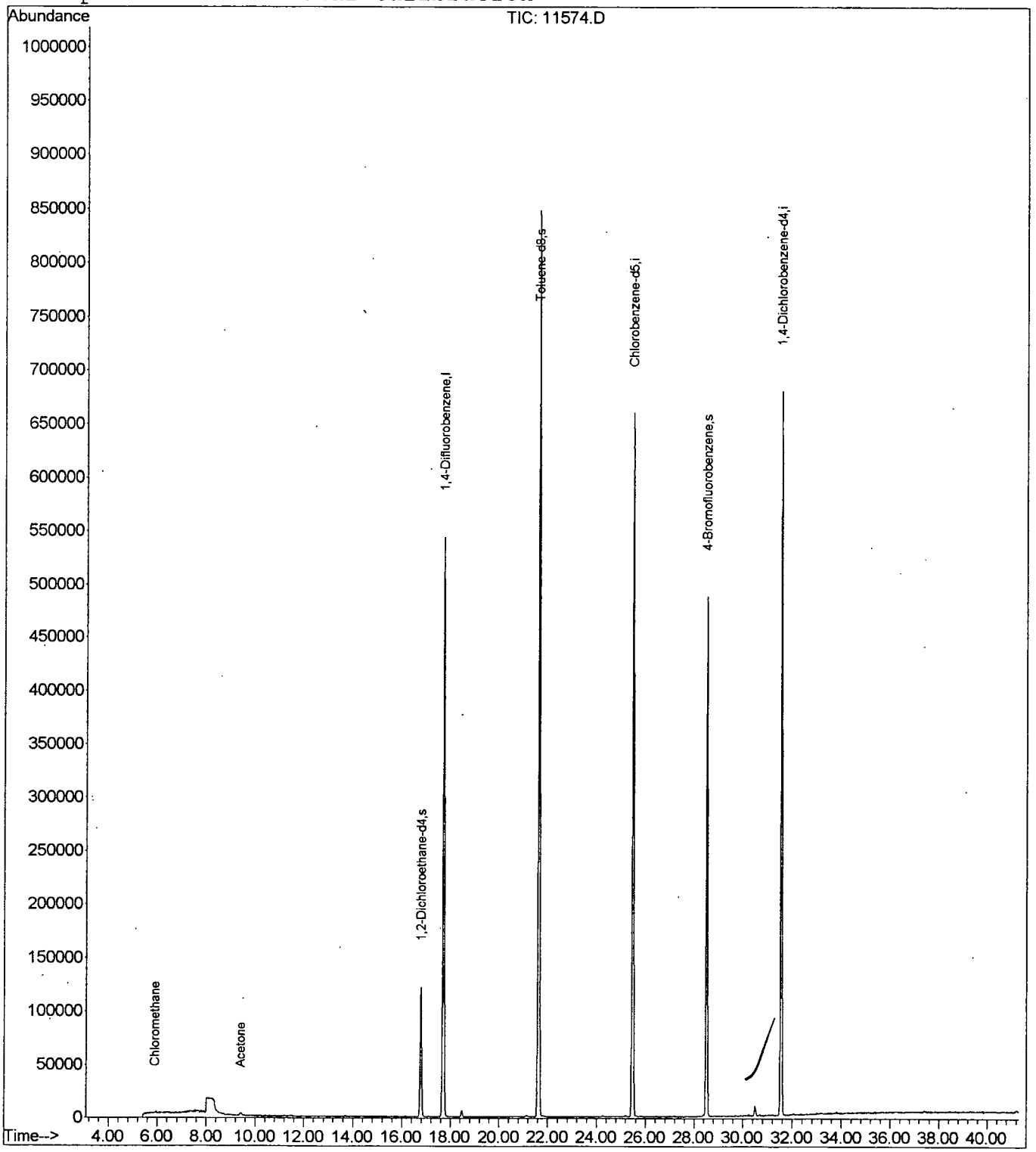
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	995399	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	845966	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	632998	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	190856	5.25	ug/L	0.00
Spiked Amount 5.000			Recovery =	105.00%		
17) Toluene-d8	21.62	98	1307232	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.60%		
54) 4-Bromofluorobenzene	28.51	95	402665	5.36	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.20%		
Target Compounds						Qvalue
4) Chloromethane	5.92	50	2568	0.06	ug/L	91
11) Acetone	9.39	43	8242	3.07	ug/L	87

(#) = qualifier out of range (m) = manual integration
11574.D W050302.M Mon May 20 23:22:28 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11574.D Vial: 7
Acq On : 20 May 2002 10:41 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 20 23:22 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\02may20\11574.D Vial: 7
Acq On : 20 May 2002 10:41 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

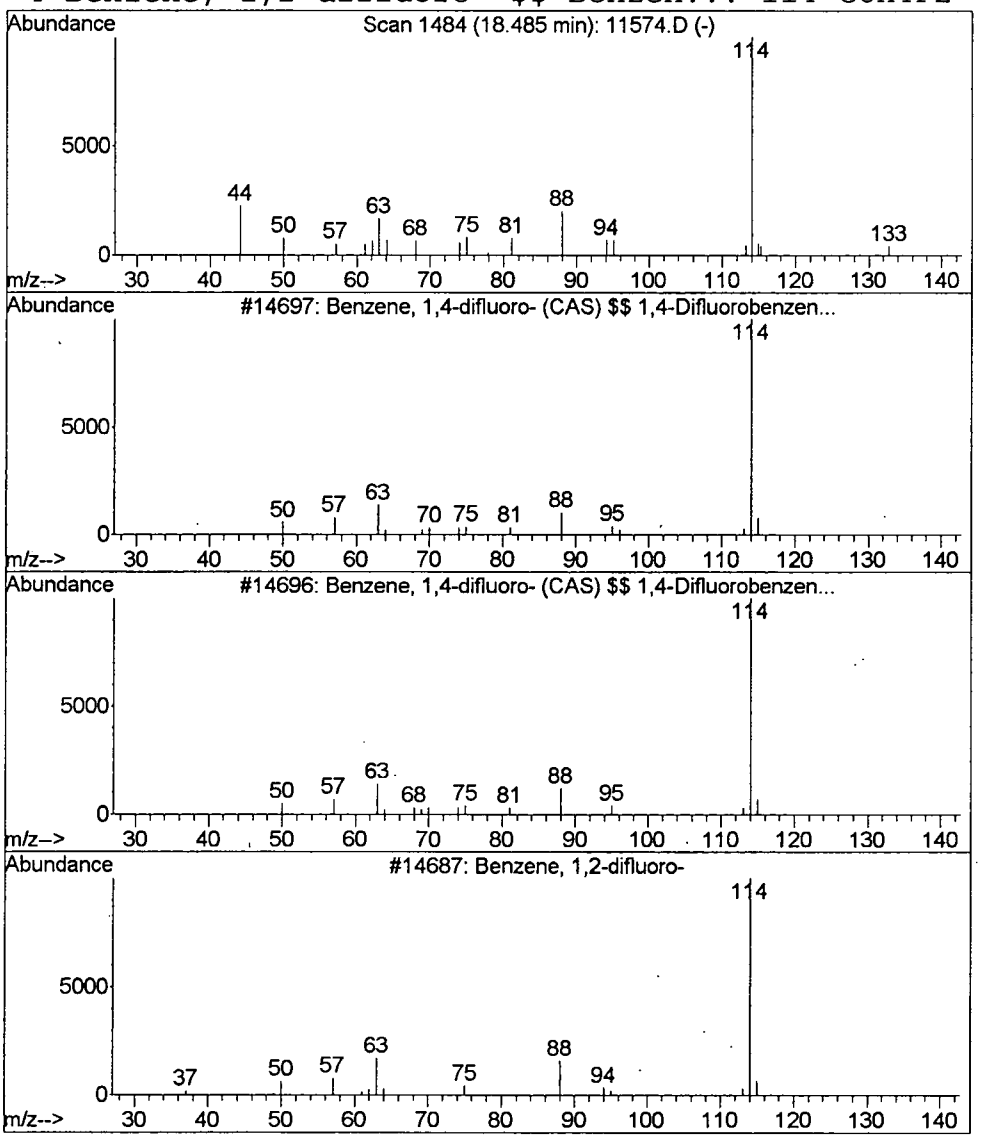
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

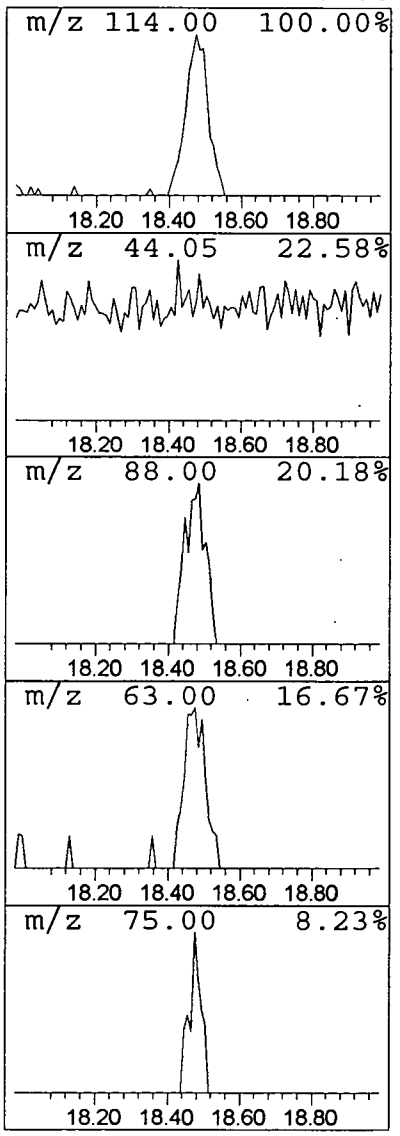
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	0.06 ug/L	26418	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	86
2	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	80
3	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	72
4	Benzene, 1,2-difluoro- $$ Benzen...	114	C6H4F2	000367-11-3	68





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11574.D Vial: 7
Acq On : 20 May 2002 10:41 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

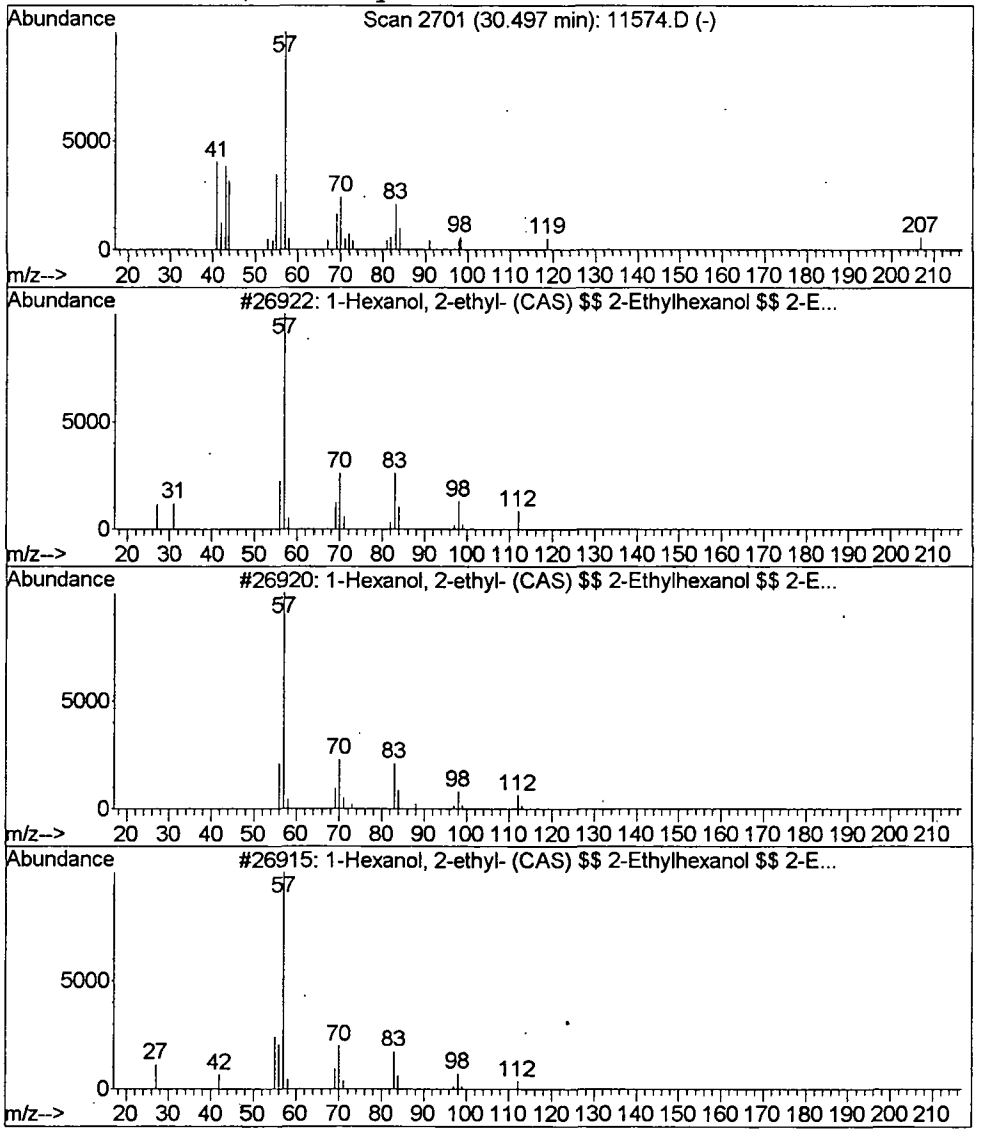
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

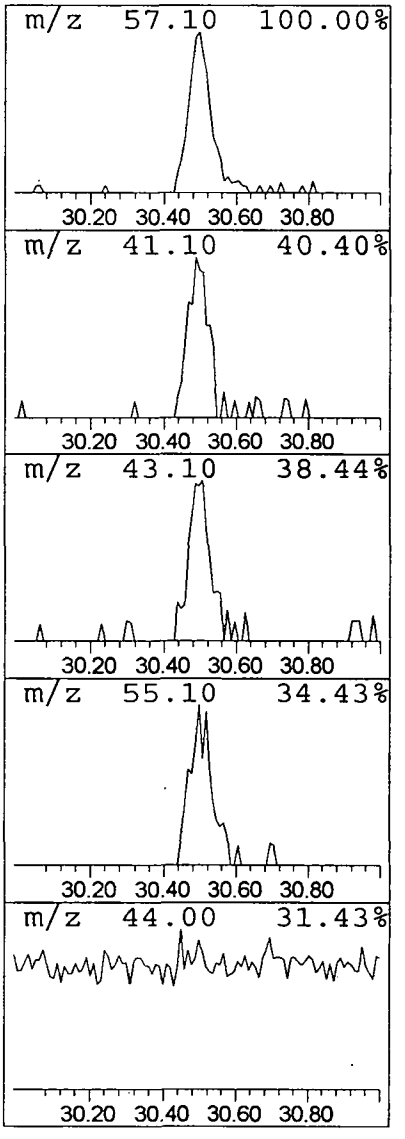
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.09 ug/L	41653	1,4-Dichlorobenzene-d4	31.54

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





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:30:09

Sample: AE11575
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 23:27 Ended: 5/20/02 23:27 Analyst: BH
Result source: a:\11575.rr
Page: 1

	Component Name	Viol.	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	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		4.7	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 5/22/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:30:09

Sample: AE11575
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/20/02 23:27 Ended: 5/20/02 23:27 Analyst: BH
Result source: a:\11575.rr
Page: 2

	Component Name	Viol	Result	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 AE11575 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:55:28

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.08 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11575.D Vial: 8
Acq On : 20 May 2002 11:27 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 21 00:09:05 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 : W050302

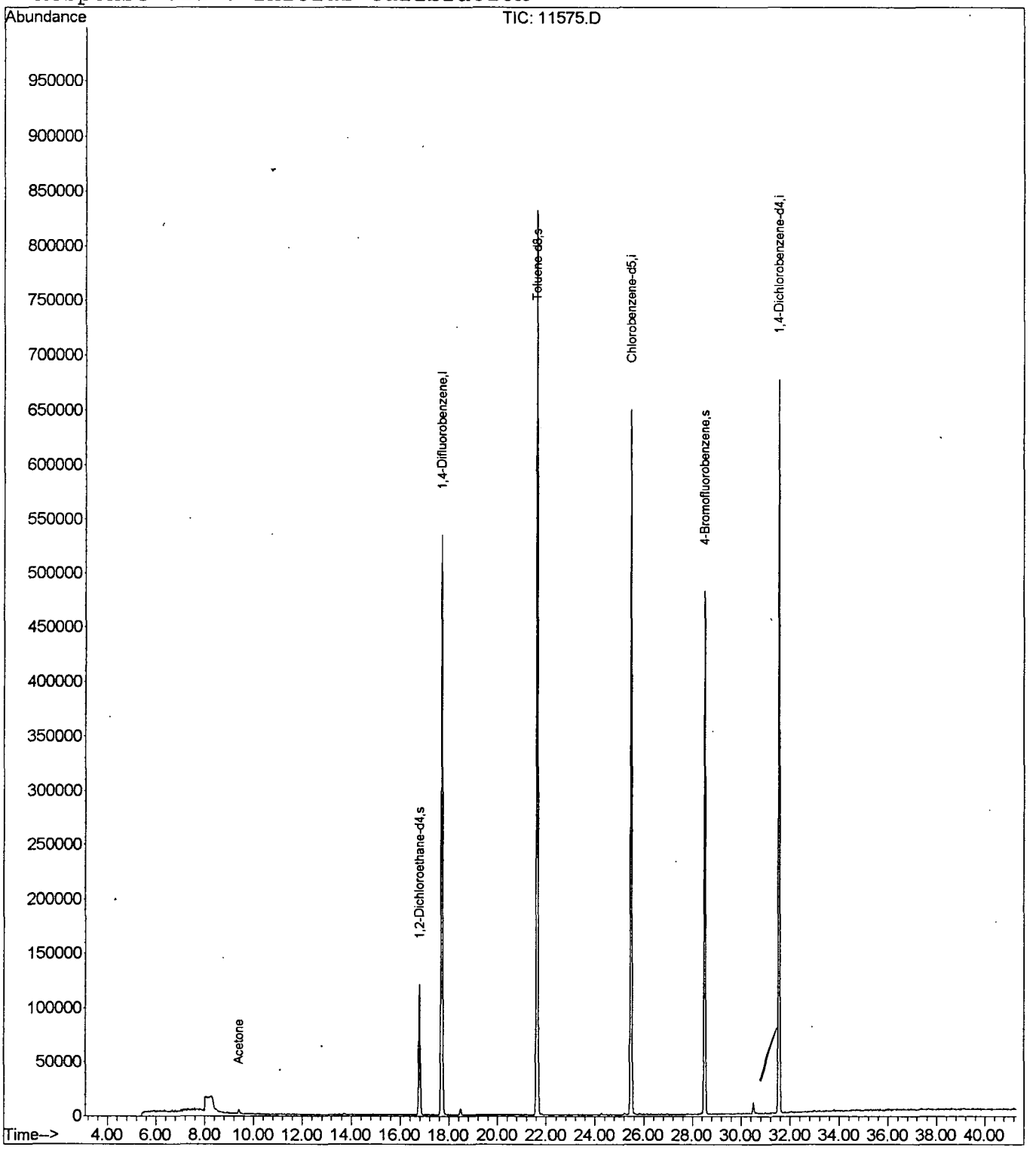
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	993569	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	832472	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	624524	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	185933	5.13	ug/L	0.00
Spiked Amount 5.000			Recovery =	102.60%		
17) Toluene-d8	21.62	98	1291591	4.73	ug/L	0.00
Spiked Amount 5.000			Recovery =	94.60%		
54) 4-Bromofluorobenzene	28.51	95	396731	5.36	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.20%		
Target Compounds						Qvalue
11) Acetone	9.39	43	12913	4.82	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11575.D Vial: 8
Acq On : 20 May 2002 11:27 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 21 0:09 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\02may20\11575.D Vial: 8
Acq On : 20 May 2002 11:27 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

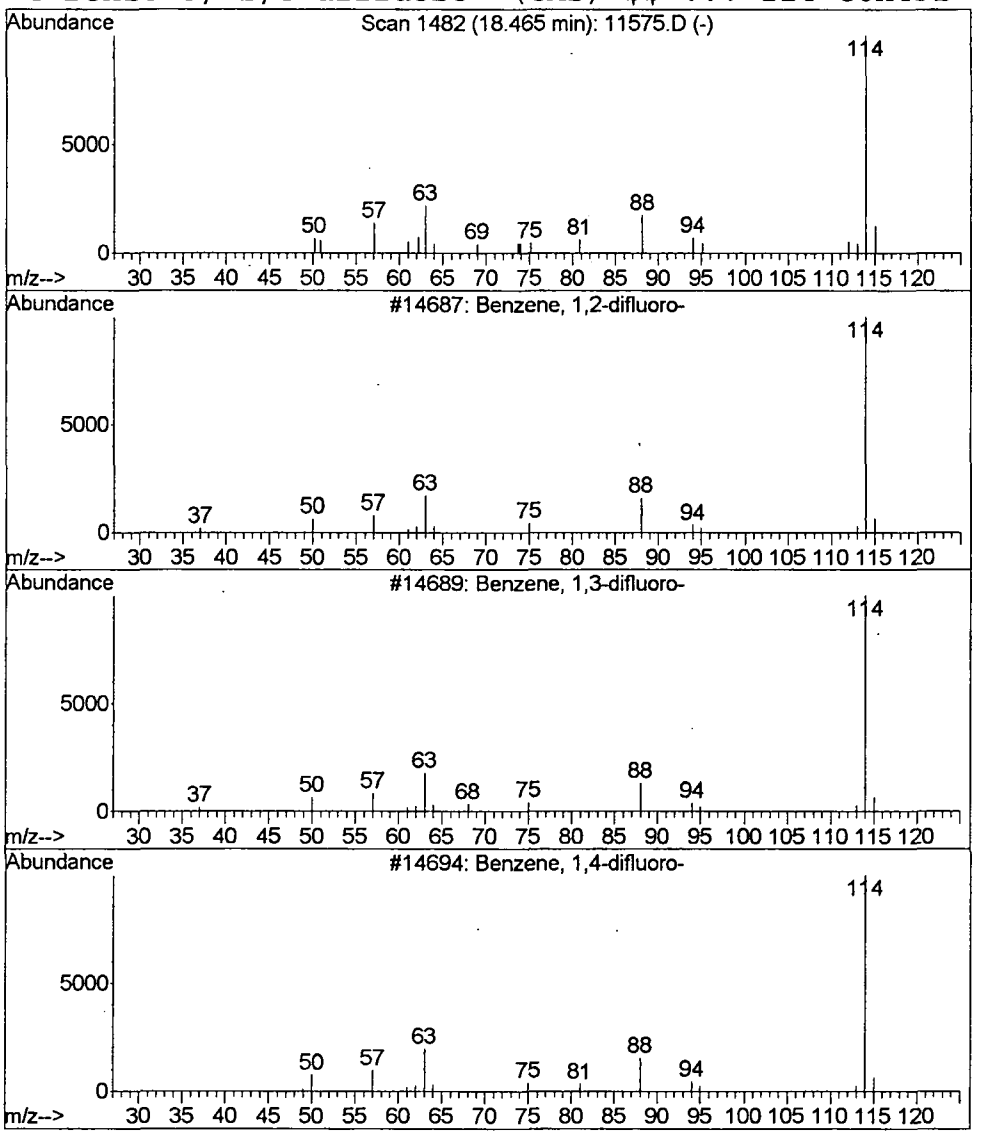
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

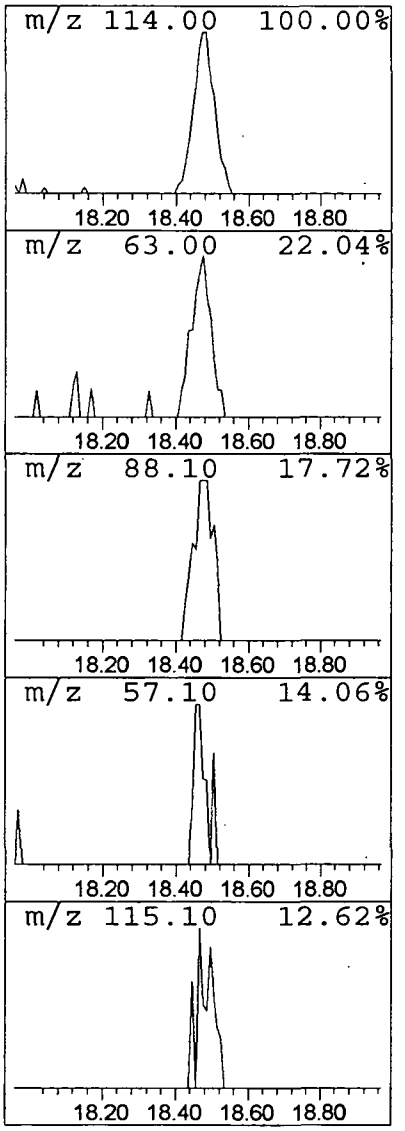
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.06 ug/L	25180	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	91
2	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	91
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
4	Benzene, 1,4-difluoro- (CAS) $$ ...	114	C6H4F2	000540-36-3	90





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11575.D Vial: 8
Acq On : 20 May 2002 11:27 pm Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

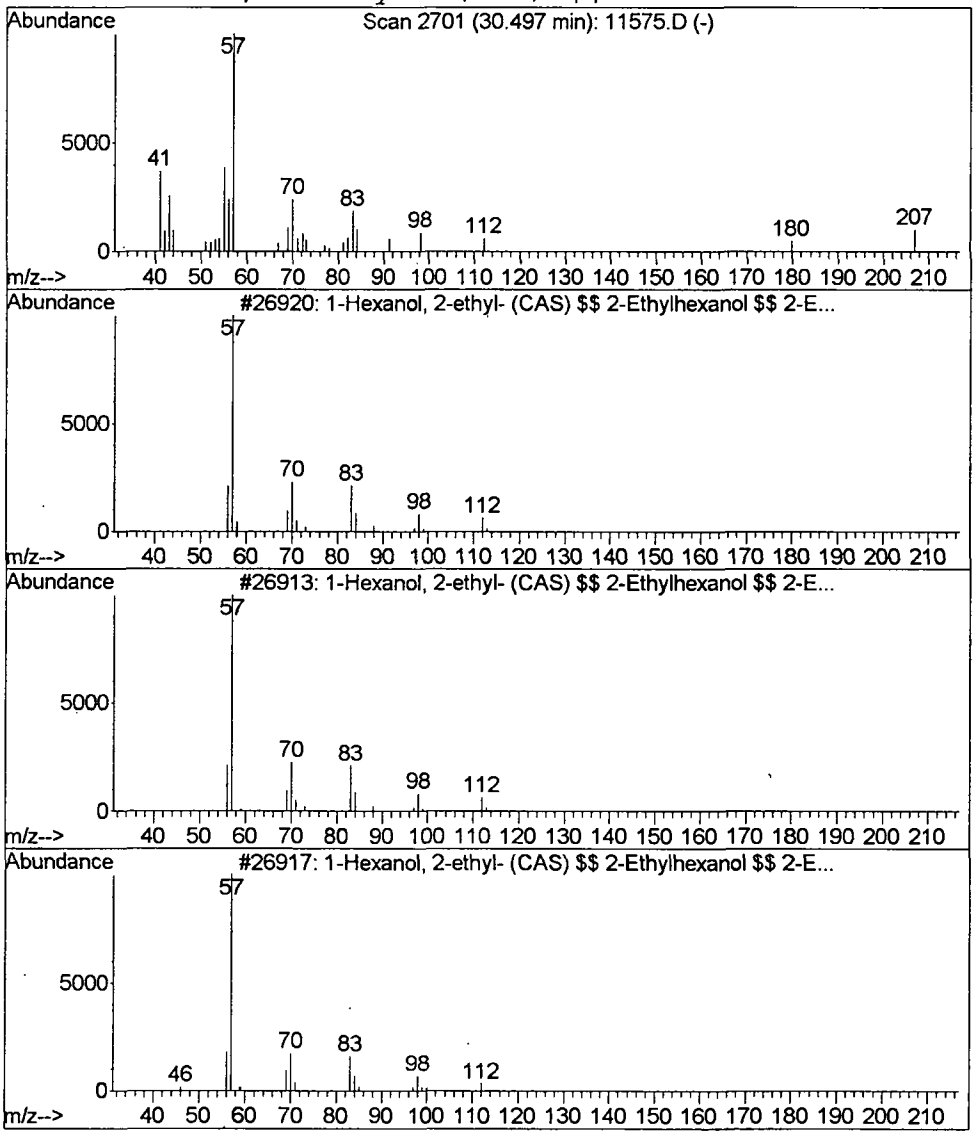
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

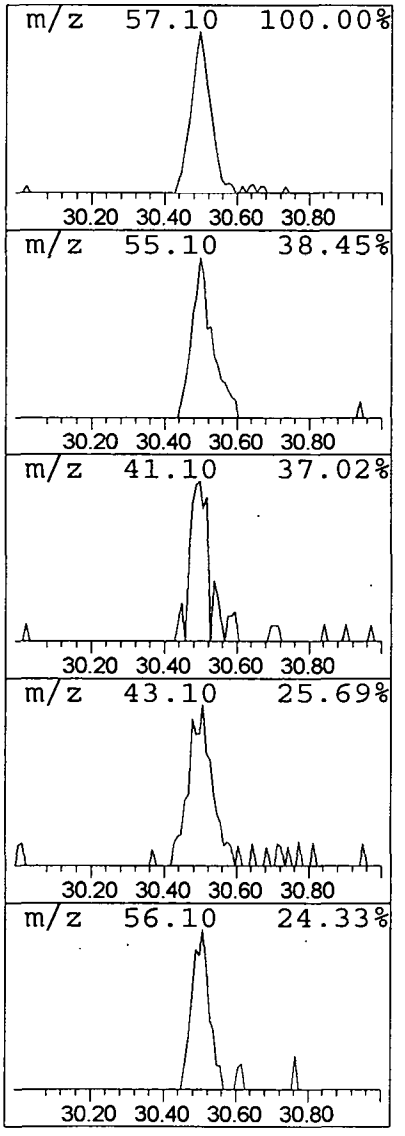
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.50	0.08 ug/L	38897	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	72
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





User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:30:19

Sample: AE11575
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/21/02 00:14 Ended: 5/21/02 00:14 Analyst: BH
Result source: a:\11575d.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.1	.5
2	Surr - 4-BROMOFLUOROBENZ		5.4	.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: 05/22/2002 Time: 14:30:19

Sample: AE11575
Analysis: $D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 5/21/02 00:14 Ended: 5/21/02 00:14 Analyst: BH
Result source: a:\11575d.rr
Page: 2

	Component Name	Viol	Result	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 AE11575 - Analysis $D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:56:48

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.07 ug/L.

0.08 in original

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:30:23

Sample: AE11575
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/20/02 23:27 Ended: 5/20/02 23:27 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		0.10
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: 05/22/2002 Time: 14:30:23

Sample: AE11575
Analysis: $P_524 Duplicate calculation for 524
Units: ug
Started: 5/20/02 23:27 Ended: 5/20/02 23:27 Analyst: BH
Result source: calculation

	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

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11575D.D Vial: 9
Acq On : 21 May 2002 12:14 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 21 00:55:44 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 : W050302

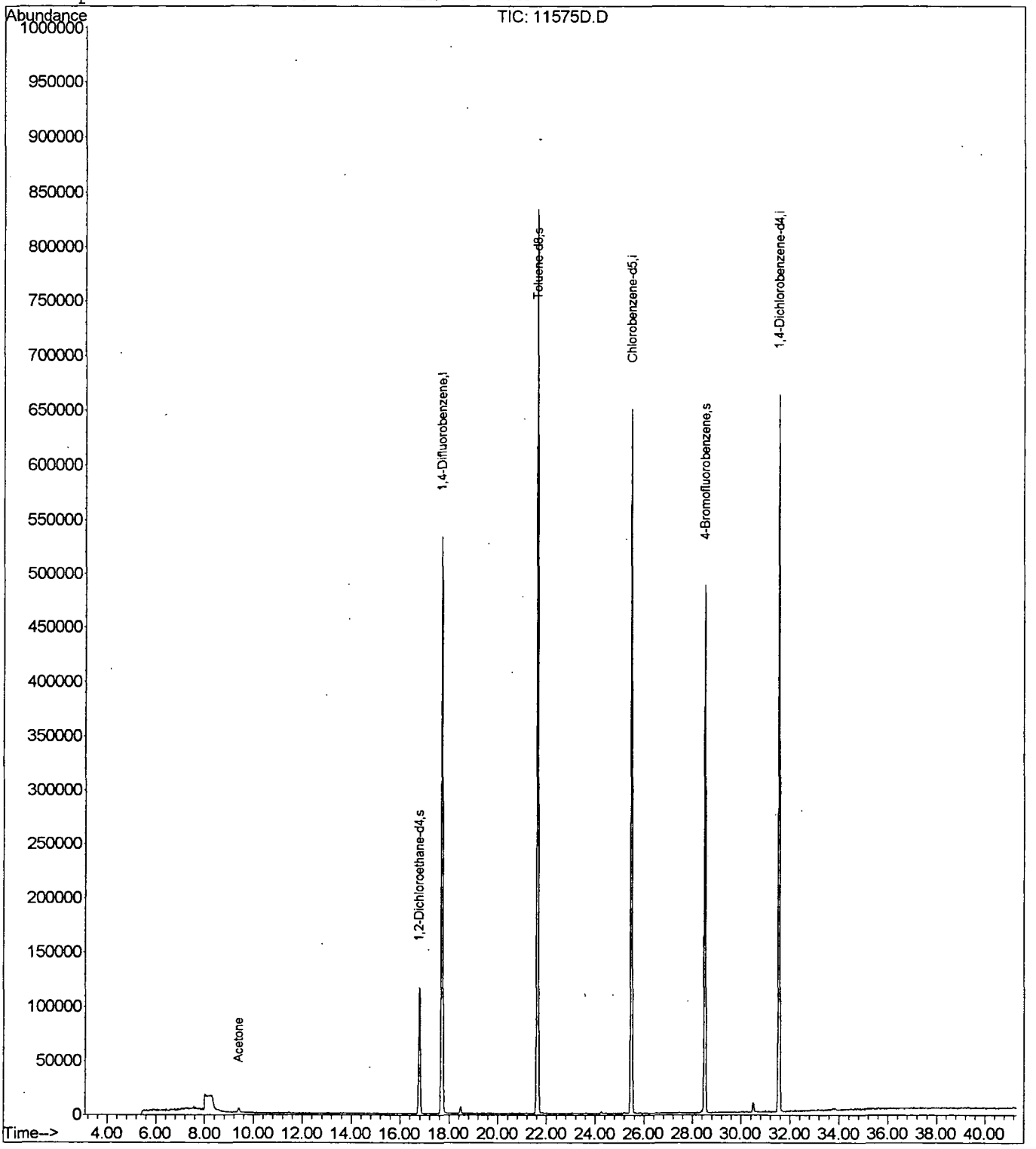
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	985134	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	836991	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	615336	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.78	65	182405	5.07	ug/L	0.00
Spiked Amount 5.000			Recovery = 101.40%			
17) Toluene-d8	21.62	98	1293998	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery = 95.60%			
54) 4-Bromofluorobenzene	28.51	95	395801	5.42	ug/L	0.00
Spiked Amount 5.000			Recovery = 108.40%			
Target Compounds						Qvalue
11) Acetone	9.38	43	13903	5.24	ug/L	97

(#) = qualifier out of range (m) = manual integration
11575D.D W050302.M Tue May 21 00:55:45 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11575D.D Vial: 9
Acq On : 21 May 2002 12:14 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 21 0:55 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\02may20\11575D.D Vial: 9
Acq On : 21 May 2002 12:14 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

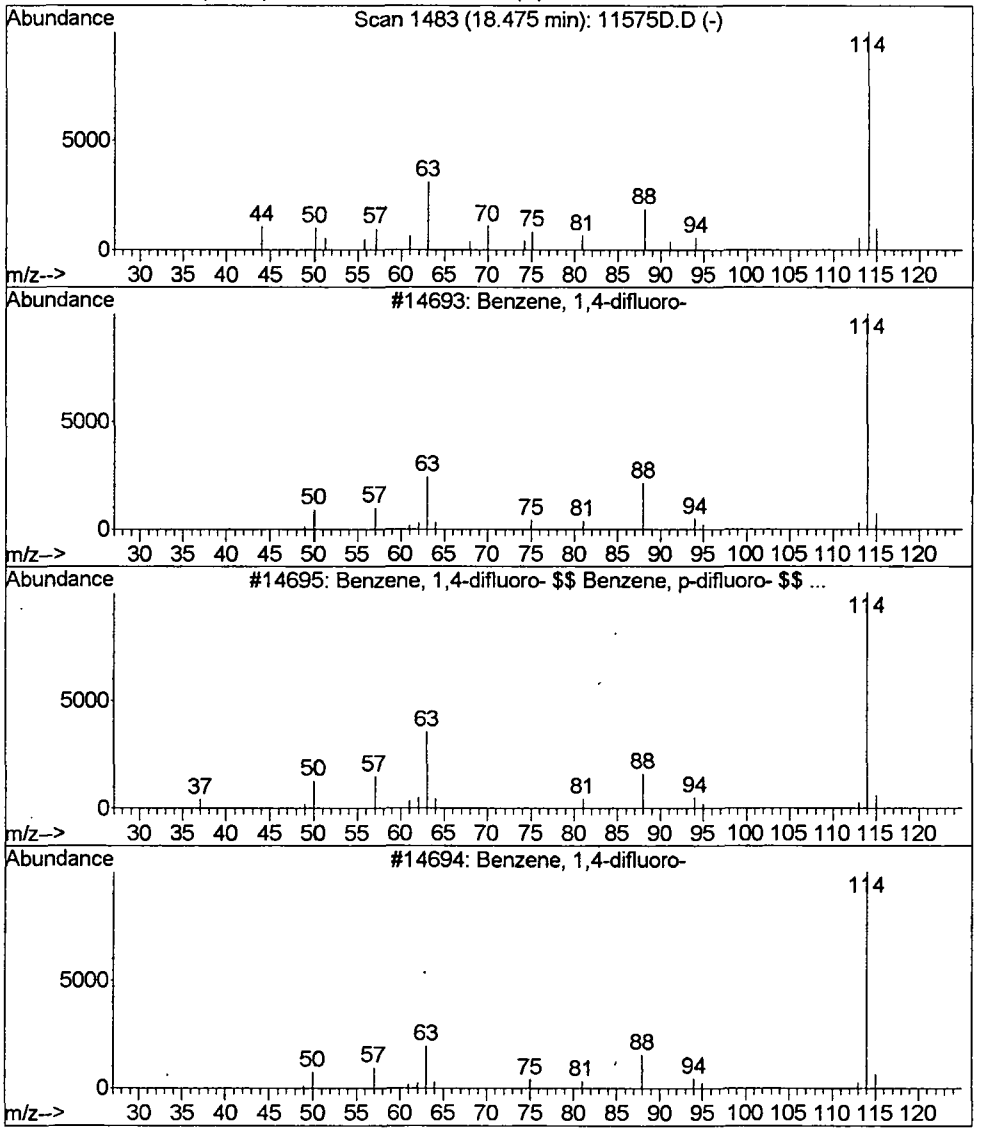
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

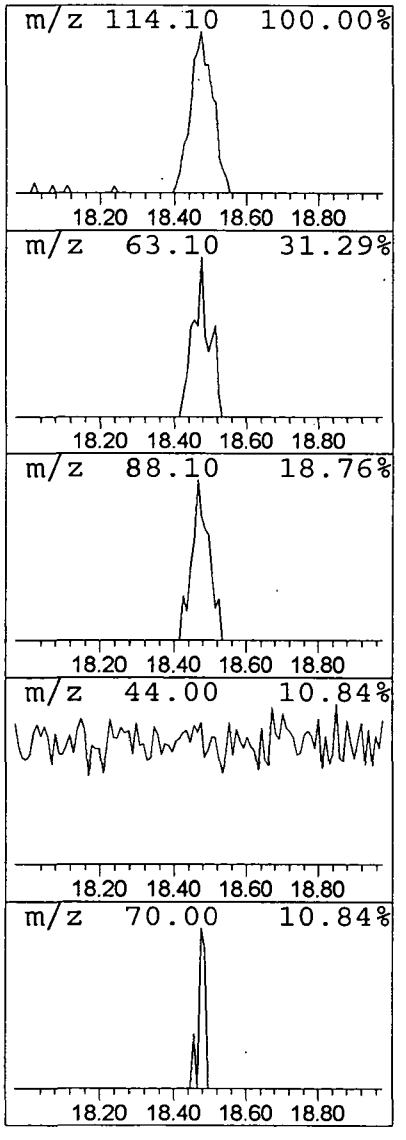
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.05 ug/L	24016	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	87
2	Benzene, 1,4-difluoro- $$ Benzen...	114	C6H4F2	000540-36-3	86
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	86
4	Benzene, 1,3-difluoro- $$ Benzen...	114	C6H4F2	000372-18-9	83





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11575D.D Vial: 9
Acq On : 21 May 2002 12:14 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

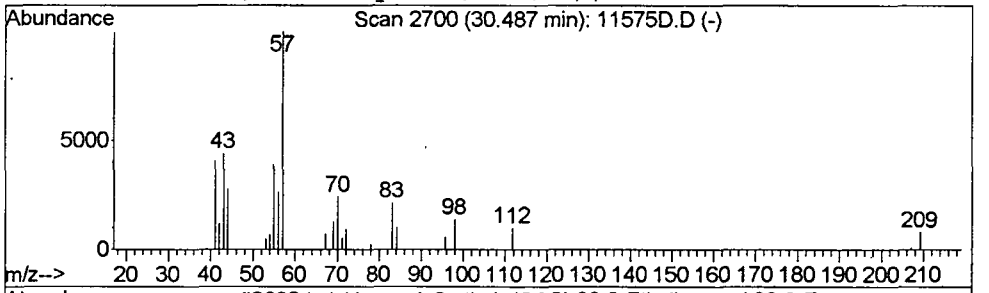
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

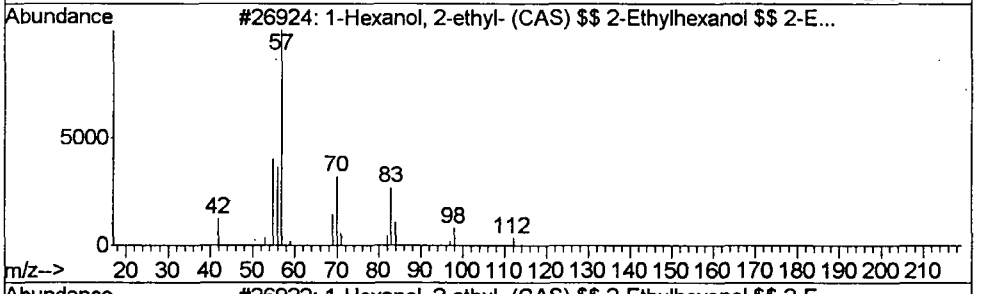
****

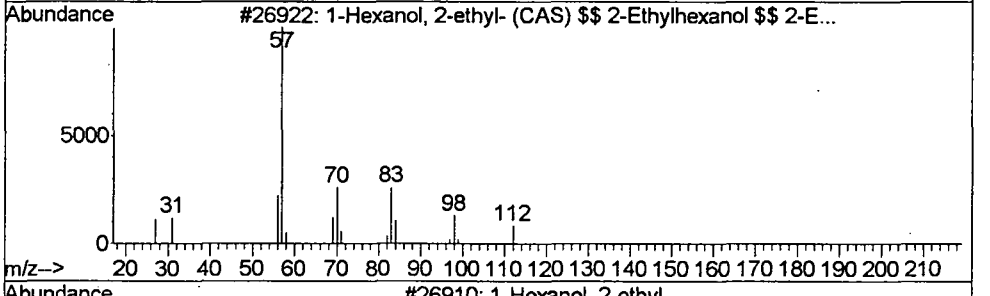
Peak Number 3 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

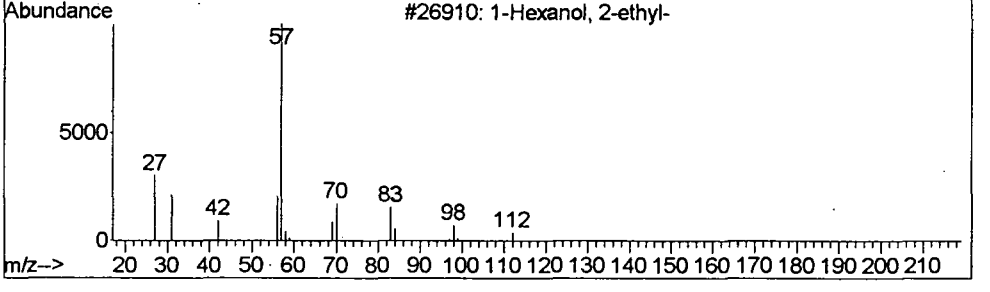
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.49	0.07 ug/L	34129	1,4-Dichlorobenzene-d4	31.54

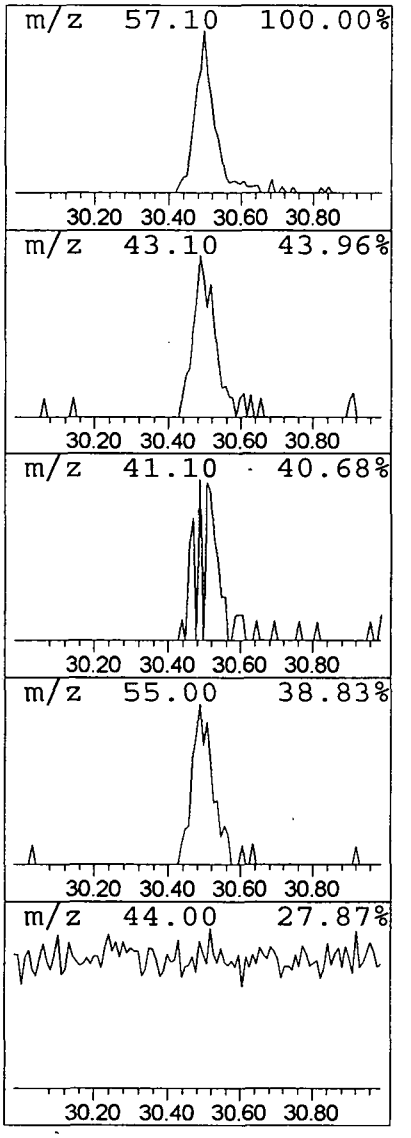
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59











User: Huhn, William
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 14:30:35

Sample: AE11576
Analysis: $524 Volatile Organic Compounds
Units: ug
Started: 5/21/02 01:00 Ended: 5/21/02 01:00 Analyst: BH
Result source: a:\11576.rr
Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.2	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: 05/22/2002 Time: 14:30:35

Sample: AE11576
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 5/21/02 01:00 Ended: 5/21/02 01:00 Analyst: BH
Result source: a:\11576.rr

	Component Name	Viol	Result	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 AE11576 - Analysis $524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 05-23-2002 Time: 16:56:11

2-Ethylhexanol is present in this sample as a 524.2 TIC. The estimated concentration is 0.08 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11576.D Vial: 9
Acq On : 21 May 2002 1:00 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 21 01:42:19 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 : W050302

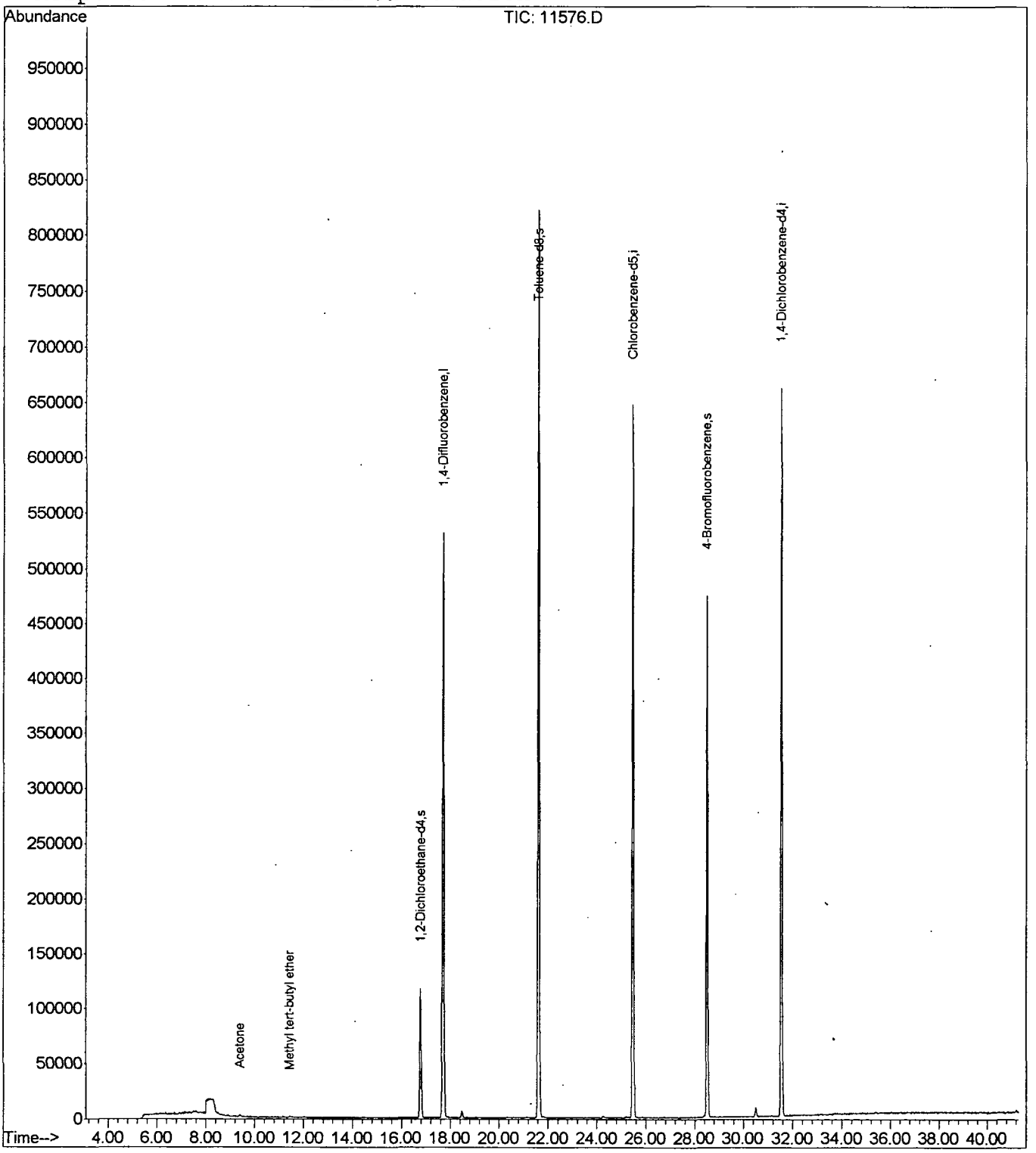
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	17.70	114	968409	5.00	ug/L	0.00
27) Chlorobenzene-d5	25.47	117	817915	5.00	ug/L	0.00
51) 1,4-Dichlorobenzene-d4	31.54	150	614260	5.00	ug/L	0.00
System Monitoring Compounds						
2) 1,2-Dichloroethane-d4	16.79	65	183122	5.18	ug/L	0.00
Spiked Amount 5.000			Recovery =	103.60%		
17) Toluene-d8	21.62	98	1272215	4.78	ug/L	0.00
Spiked Amount 5.000			Recovery =	95.60%		
54) 4-Bromofluorobenzene	28.51	95	391347	5.37	ug/L	0.00
Spiked Amount 5.000			Recovery =	107.40%		
Target Compounds						Qvalue
11) Acetone	9.40	43	4715	1.81	ug/L	77
14) Methyl tert-butyl ether	11.46	73	1915	0.06	ug/L	91

(#) = qualifier out of range (m) = manual integration
11576.D W050302.M Tue May 21 01:42:20 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDchem\1\5973N\02may20\11576.D Vial: 9
Acq On : 21 May 2002 1:00 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: Lscint.p
Quant Time: May 21 1:42 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\02may20\11576.D Vial: 9
Acq On : 21 May 2002 1:00 am Operator:
Sample : nyc Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSC.P

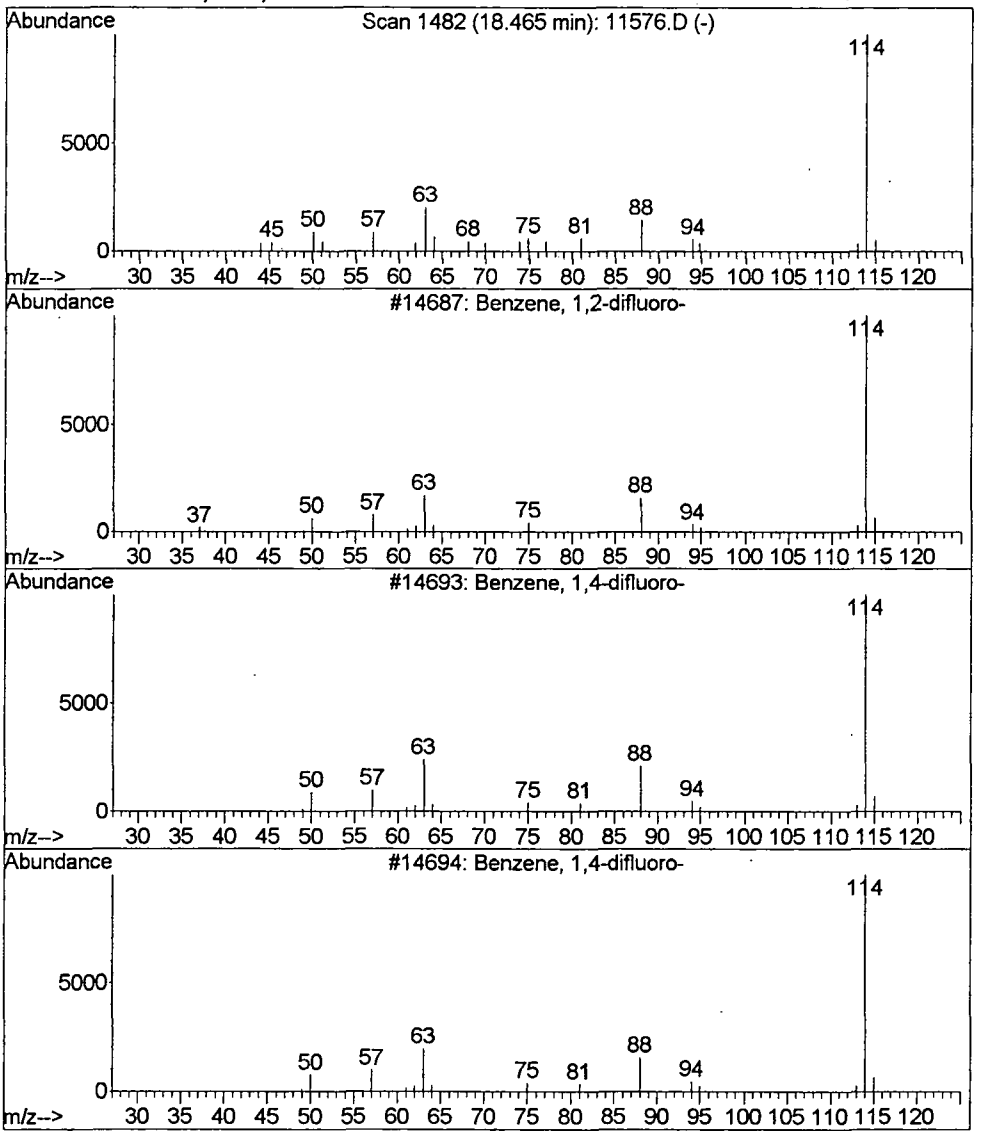
Quant Method : C:\MSDCHEM\1...\W050302.M (RTE Integrator)
Title : VOC method 8260
Library : C:\DATABASE\WILEY7N.L

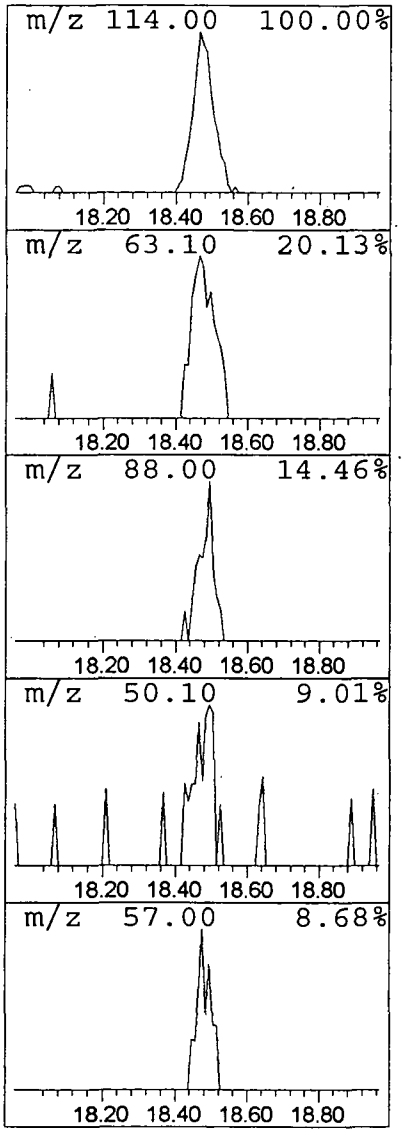
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	0.04 ug/L	16041	1,4-Difluorobenzene	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	91
2	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
3	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	91
4	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	91





Library Search Compound Report

Data File : C:\MSDchem\1\5973N\02may20\11576.D Vial: 9
Acq On : 21 May 2002 1:00 am Operator:
Sample : nyc 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 1-Hexanol, 2-ethyl- (CAS) $... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.51	0.08 ug/L	36080	1,4-Dichlorobenzene-d4	31.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	59
2	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	53
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
4	1-Hexanol, 2-ethyl- (CAS) $$ 2-E...	130	C8H18O	000104-76-7	50