User: Huhn, William
Westchester Dept. of Labs & Research
Date: 11/14/2001 Time: 14:43:28

Sample: AD27112
Analysis: $F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 11/13/01 00:09 Ended: 11/13/01 00:09 Analyst: BH
Result source: m:\instruments\206\rrfiles\27112f.rr
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.7		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

Acetone-113

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01nov13\27112F.D
Acq On : 13 Nov 2001 9:26 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Nov 13 22:05 2001

Vial: 11
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP110101.RES

Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Fri Nov 02 15:17:46 2001
Response via : Initial Calibration
DataAcq Meth : HP110101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.35	114	577258	5.00	ug/L	-0.09
22) CHLOROBENZENE-D5	20.95	117	520152	5.00	ug/L	-0.09
50) 1,4-DICHLOROBENZENE-D4	26.11	152	208144	5.00	ug/L	-0.09
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.59	65	199443	5.85	ug/L	-0.07
Spiked Amount 5.000			Recovery = 117.00%			
3) 4-BROMOFLUOROBENZENE	23.54	174	141889	4.73	ug/L	-0.07
Spiked Amount 5.000			Recovery = 94.60%			
23) TOLUENE-D8	17.68	98	772426	4.92	ug/L	-0.07
Spiked Amount 5.000			Recovery = 98.40%			
Target Compounds						Qvalue
10) ACETONE	7.61	43	352942	112.85	ug/L	95
44) 2-HEXANONE	18.53	43	847	0.11	ug/L	27

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

Quantitation Report

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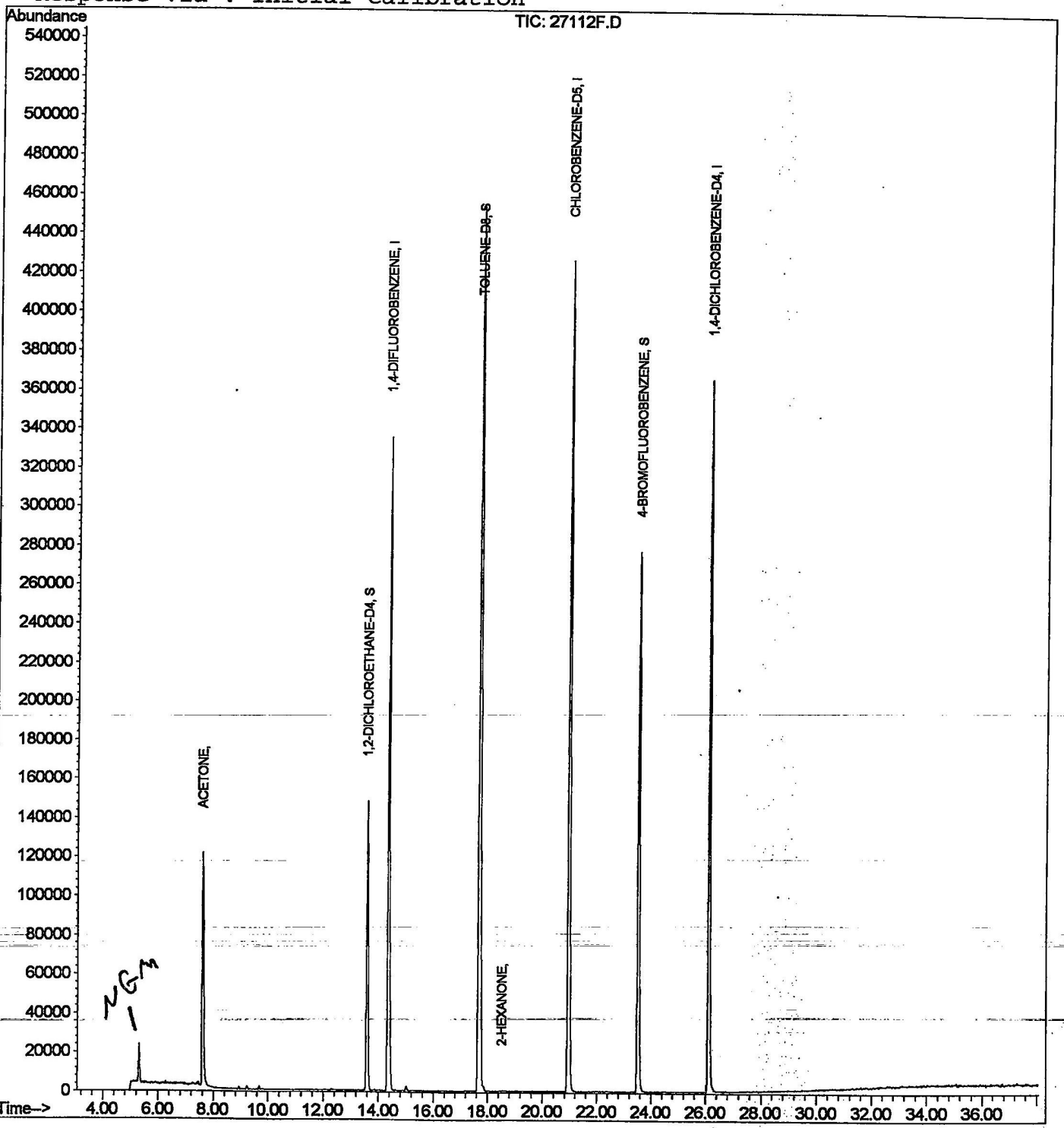


Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01nov13\27112F.D
Acq On : 13 Nov 2001 9:26 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator:
Inst : GC/MS Ins
Multiplr: 1.00

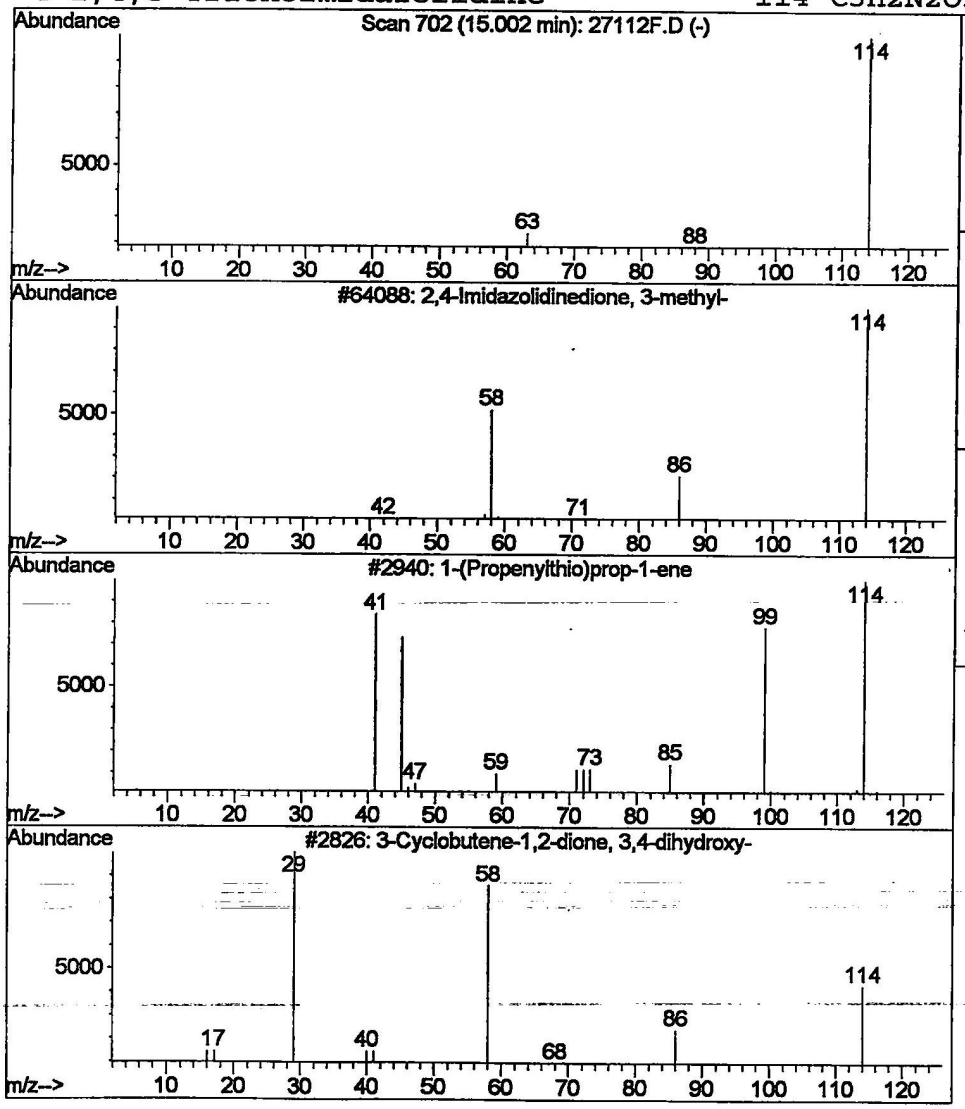
Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

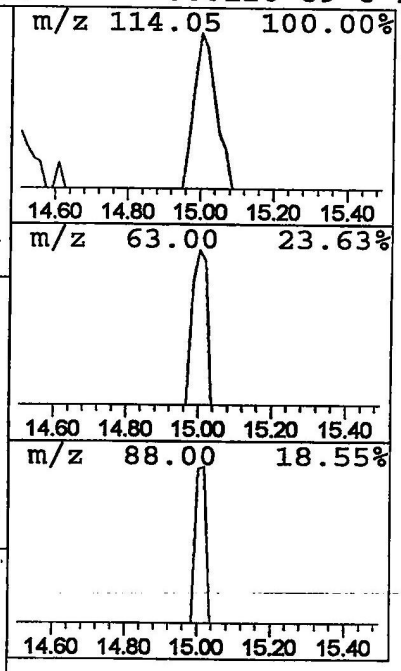
****

Peak Number 1 2,4-Imidazolidinedione, 3-meth Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	0.03 ug/L	9481	1,4-DIFLUOROBENZENE	14.35

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





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01NOV13\27112F.D Vial: 11
Acq On : 13 Nov 2001 9:26 pm Operator:
Sample : nyc Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

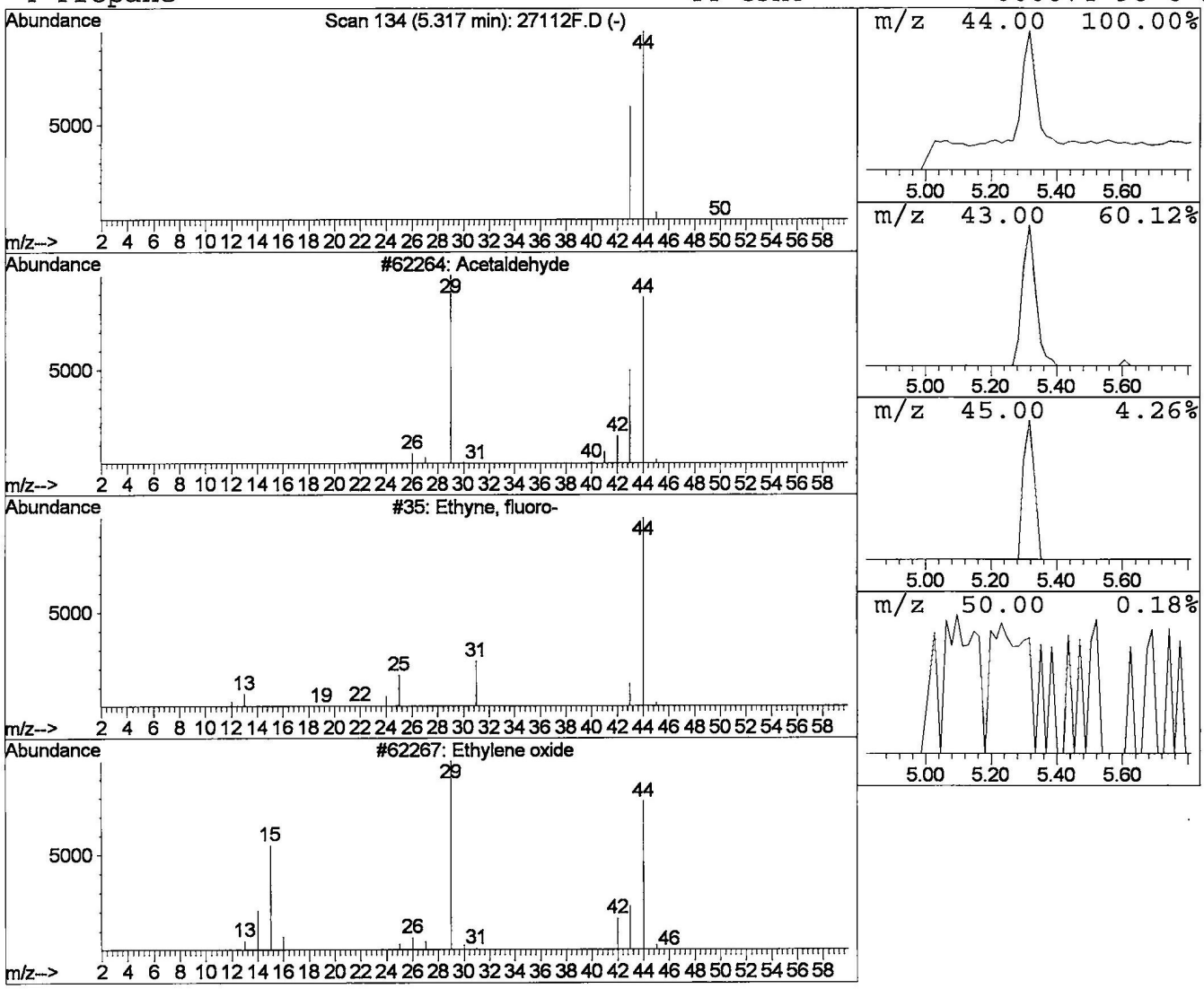
Quant Method : C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	0.20 ug/L	58721	1,4-DIFLUOROBENZENE	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	5
2	Ethyne, fluoro-	44	C2HF	002713-09-9	3
3	Ethylene oxide	44	C2H4O	000075-21-8	3
4	Propane	44	C3H8	000074-98-6	2



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 13 Nov 2001 9:26 pm
Data File: C:\HPCHEM\1\DATA\01nov13\27112F.D
Name: nyc
Misc:
Method: C:\HPCHEM\1\METHODS\HP110101.M (RTE Integrator)
Title: VOCs BY EPA METHOD 524
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2,4-Imidazolidinedio	15.00	0.0	ug/L	9481	ISTD01	14.35	1444830	5.0
27112F.D HP110101.M	Tue Nov 13 22:06:04 2001							
Acetaldehyde	5.32	0.2	ug/L	58721	ISTD01	14.35	1444830	5.0
27112F.D HP110101.M	Mon Nov 19 15:29:30 2001							