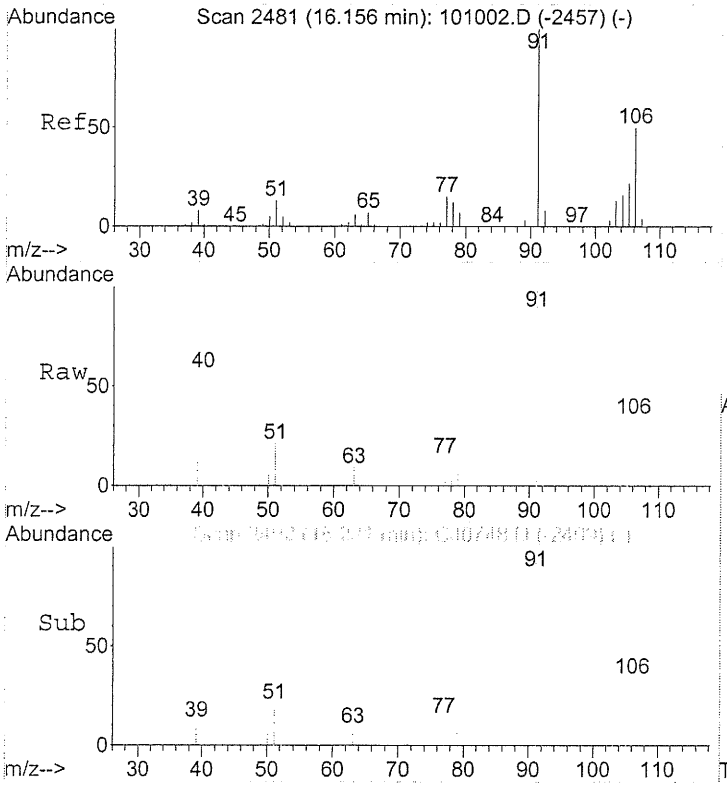
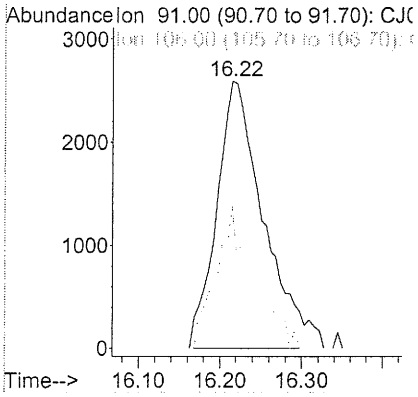


#65
o-Xylene
Concen: 0.20 PPB
RT: 16.22 min Scan# 2492
Delta R.T. -0.01 min
Lab File: CJ0748.D
Acq: 29 Oct 2005 17:29

Tgt Ion: 91 Resp: 103521

Ion	Ratio	Lower	Upper
91	100		
106	44.2	43.4	65.0



LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: 1FLDS Date Collected: 10/19/05 Date Received: 10/20/05
Lab Sample ID: 4628493 Date Analyzed: 10/29/05 Time Analyzed: 18:45
Canister ID: SUMMA0016 Pressure Rec'd: 7.6 psia Final Pressure: 22.9 psia
Injection Volume: 750 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 ewg 11/14/05 Lab File ID: C:\MSDCHEM\1\DATA\OCT29\CJ0750.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
75-71-8	Dichlorodifluoromethane	4	J
76-14-2	Freon 114	1	U
74-87-3	Chloromethane	0.4	U
75-01-4	Vinyl Chloride	0.5	U
74-83-9	Bromomethane	0.8	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	2	J
75-35-4	1,1-Dichloroethene	0.8	U
76-13-1	Freon 113	4	U
107-05-1	3-Chloropropene	2	U
75-09-2	Methylene Chloride	5	
75-34-3	1,1-Dichloroethane	0.8	U
156-59-2	cis-1,2-Dichloroethene	3	J
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	J
71-43-2	Benzene	2	J
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	0.9	U
10061-01-5	cis-1,3-Dichloropropene	0.9	U
108-88-3	Toluene	24	
10061-02-6	trans-1,3-Dichloropropene	0.9	U
79-00-5	1,1,2-Trichloroethane	1	U
127-18-4	Tetrachloroethene	32	
106-93-4	1,2-Dibromoethane	2	U
108-90-7	Chlorobenzene	0.9	U
100-41-4	Ethylbenzene	5	
1330-20-7	m/p-Xylene	13	
95-47-6	o-Xylene	4	J
100-42-5	Styrene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	1	U
622-96-8	4-Ethyltoluene	3	J
108-67-8	1,3,5-Trimethylbenzene	2	J

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: 1FLDS Date Collected: 10/19/05 Date Received: 10/20/05
Lab Sample ID: 4628493 Date Analyzed: 10/29/05 Time Analyzed: 18:45
Canister ID: SUMMA0016 Pressure Rec'd: 7.6 psia Final Pressure: 22.9 psia
Injection Volume: 750 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 196 11/16/05 Lab File ID: C:\MSDCHEM\1\DATA\OCT29\CJ0750.D

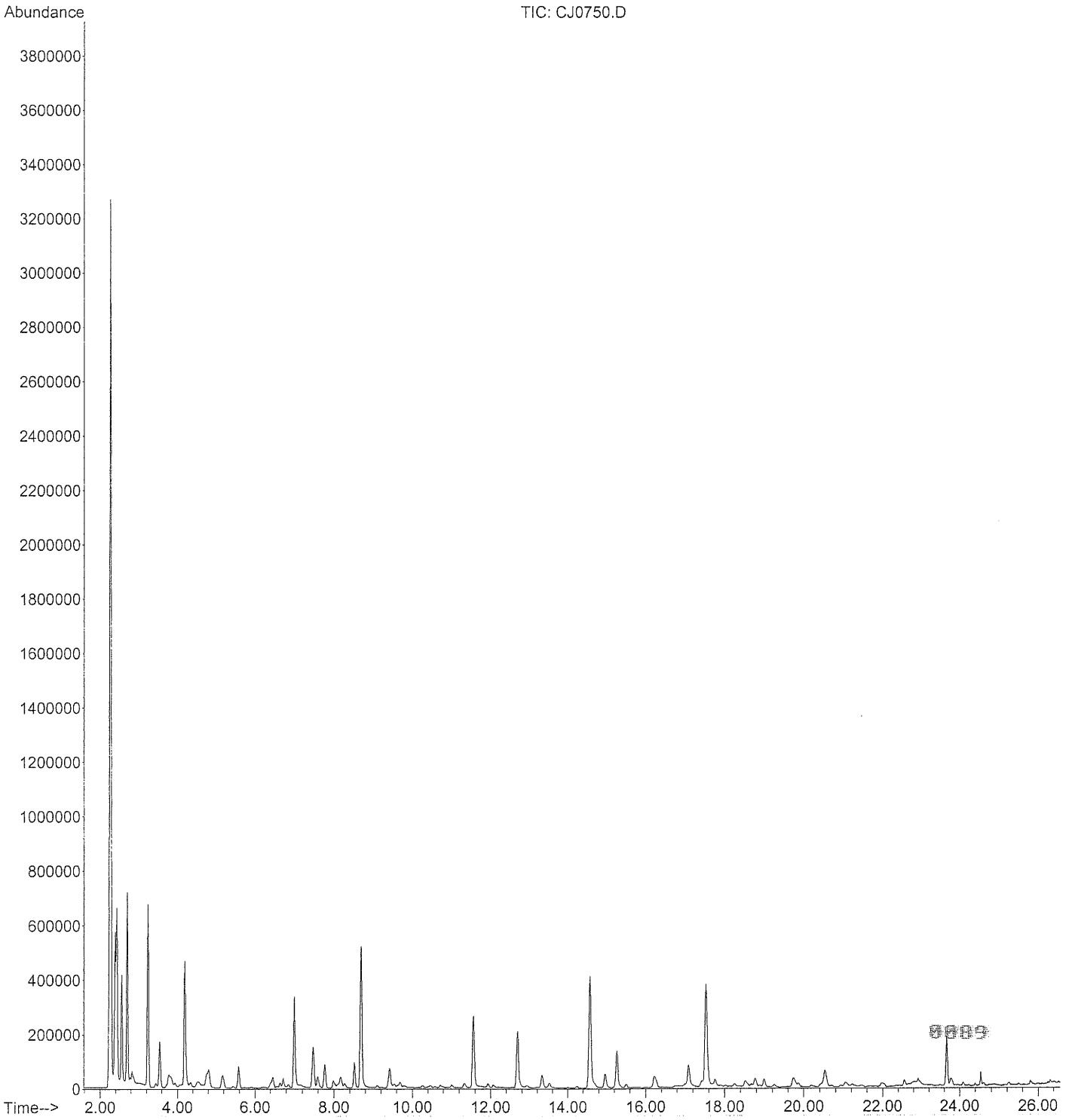
CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
95-63-6	1,2,4-Trimethylbenzene	3	J
541-73-1	1,3-Dichlorobenzene	3	U
106-46-7	1,4-Dichlorobenzene	3	U
95-50-1	1,2-Dichlorobenzene	3	U
120-82-1	1,2,4-Trichlorobenzene	7	U

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

0000

Data Path : C:\MSDChem\1\DATA\OCT29\
Data File : CJ0750.D
Acq On : 29 Oct 2005 18:45
Operator : JBS
Sample : 4628493 750CC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Nov 07 23:08:40 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sat Oct 29 13:19:44 2005
Response via : Initial Calibration



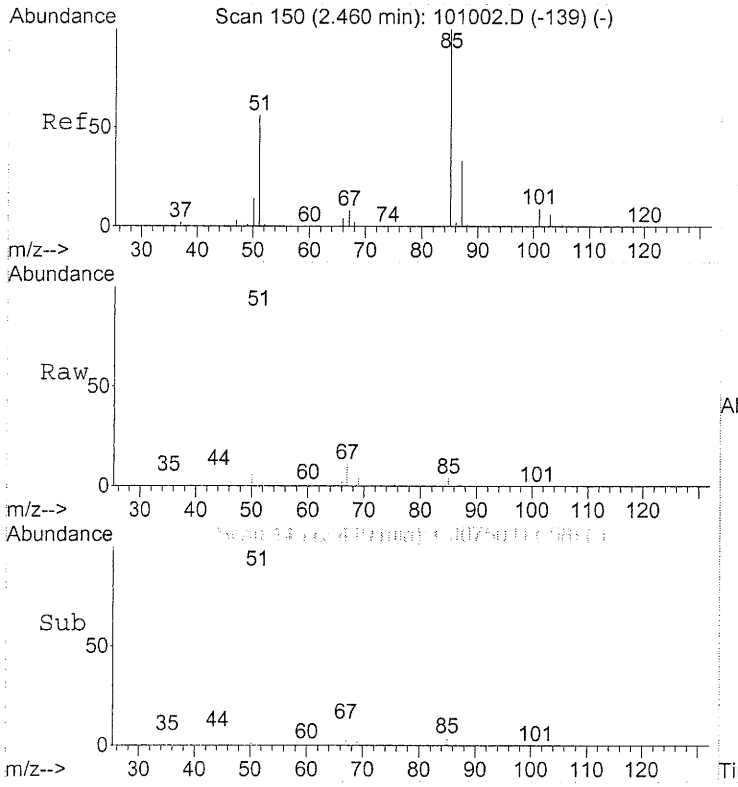
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT29\
Data File : CJ0750.D
Acq On : 29 Oct 2005 18:45
Operator : JBS
Sample : 4628493 750CC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Nov 07 23:08:40 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sat Oct 29 13:19:44 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.01	130	1543513	10.000			0.00
37) 1,4-Difluorobenzene	8.69	114	6314405	10.000			-0.01
51) Chlorobenzene d5	14.57	117	4856798	10.000			-0.02
Target Compounds							Qvalue
3) Dichlorodifluoromethane	2.42	85	369520	0.818	PPB		96
12) Trichlorofluoromethane	3.44	101	161148	0.364	PPB		100
22) Methylene Chloride	4.76	84	196952	1.520	PPB	#	76
30) cis-1,2-Dichloroethene	6.65	61	193361	0.765	PPB	#	79
38) 1,2-Dichloroethane	8.04	62	92689	0.365	PPB		99
39) Benzene	7.99	78	305562	0.592	PPB	#	94
52) Toluene	11.56	91	3372699	6.468	PPB		99
57) Tetrachloroethene	12.69	166	1114097	4.648	PPB		96
63) Ethylbenzene	14.97	91	828121	1.134	PPB		90
64) m/p-Xylene	15.26	91	1722234	2.925	PPB		91
65) o-Xylene	16.22	91	553407	0.969	PPB		90
66) Styrene	16.27	104	257040	0.622	PPB	#	100
72) 4-Ethyltoluene	18.53	105	426879	0.554	PPB		98
73) 1,3,5-Trimethylbenzene	18.77	105	218010	0.329	PPB		87
75) 1,2,4-Trimethylbenzene	19.74	105	417122	0.638	PPB	#	82

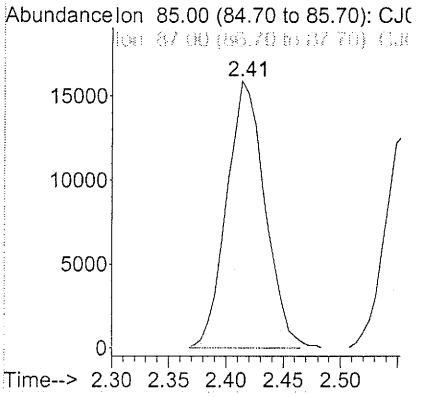
(#) = qualifier out of range (m) = manual integration (+) = signals summed

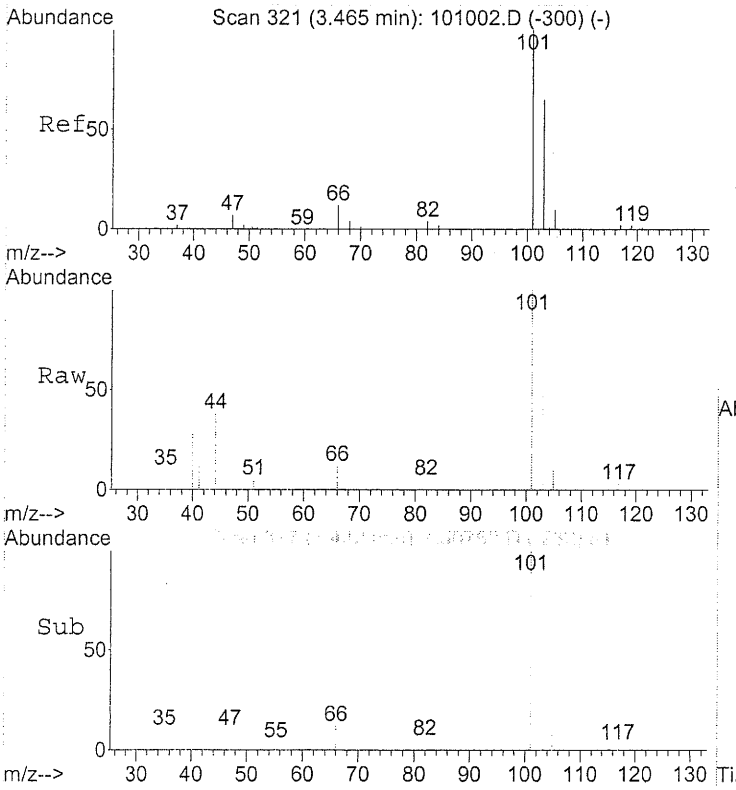


#3
Dichlorodifluoromethane
Concen: 0.82 PPB
RT: 2.42 min Scan# 143
Delta R.T. 0.00 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 85 Resp: 369520

Ion	Ratio	Lower	Upper
85	100		
87	34.4	25.7	38.5

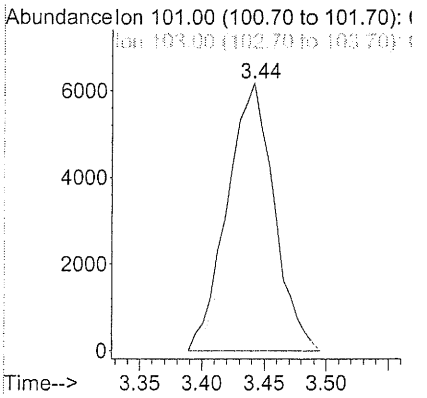


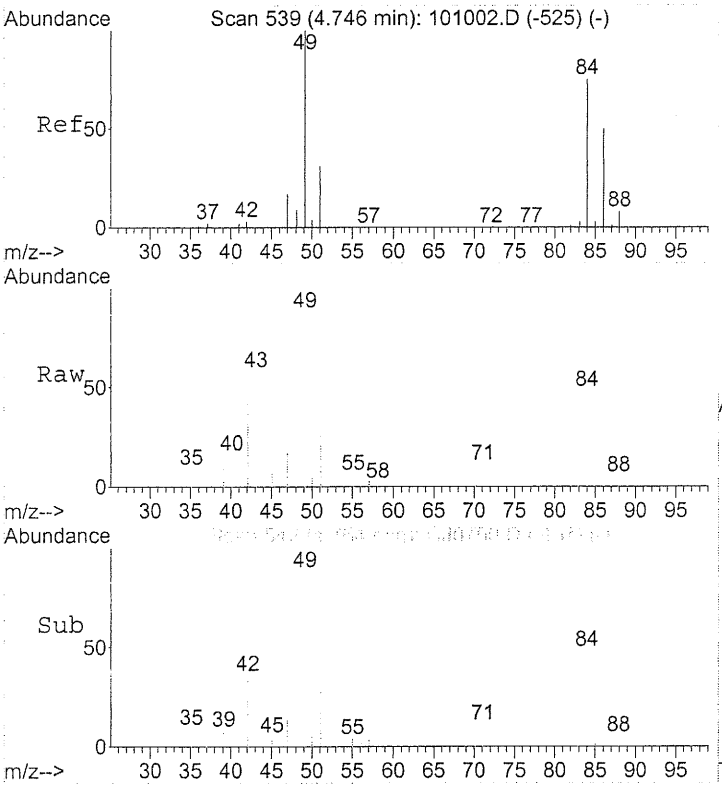


#12
Trichlorofluoromethane
Concen: 0.36 PPB
RT: 3.44 min Scan# 317
Delta R.T. -0.00 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion:101 Resp: 161148

Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.5	78.7

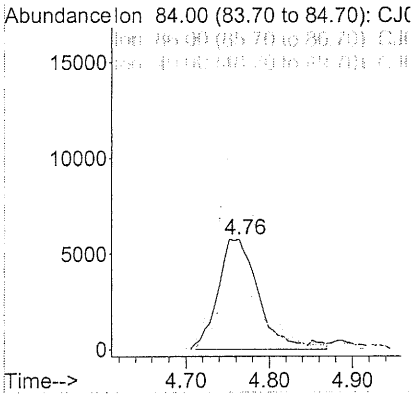


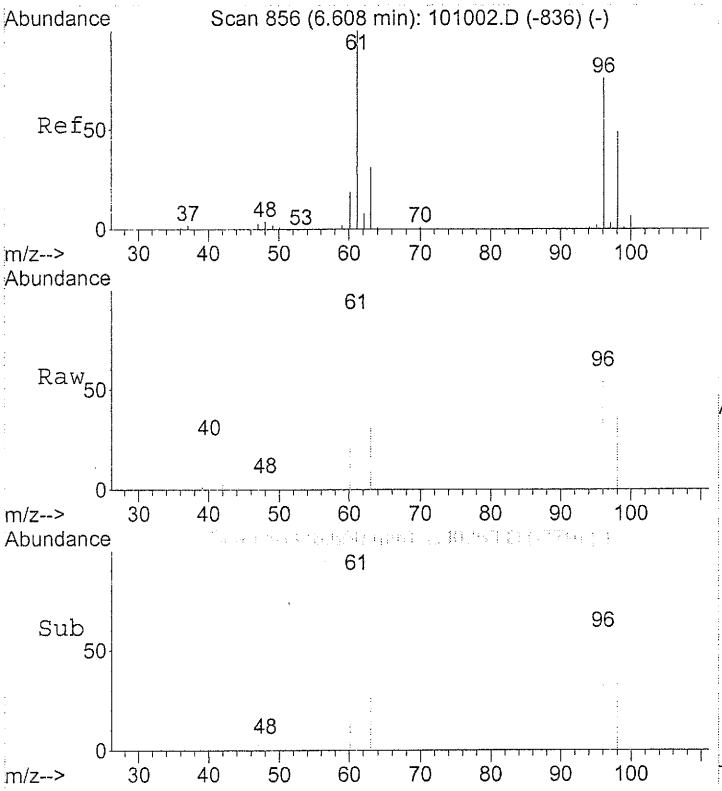


#22
Methylene Chloride
Concen: 1.52 PPB
RT: 4.76 min Scan# 542
Delta R.T. -0.01 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 84 Resp: 196952

Ion	Ratio	Lower	Upper
84	100		
86	70.3	50.7	76.1
49	192.7	123.5	185.3#

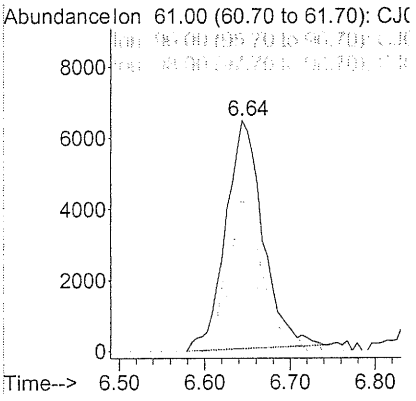




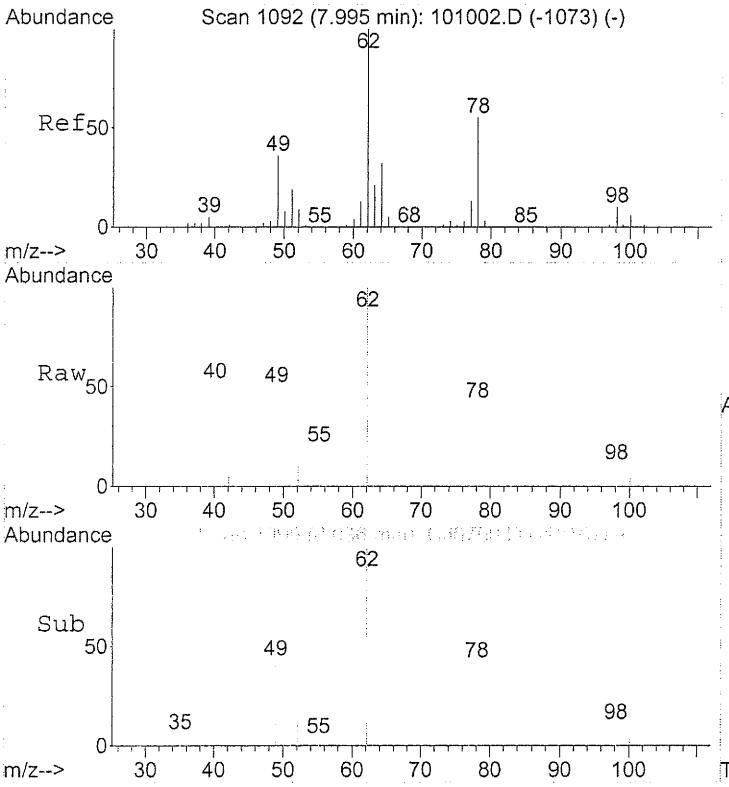
#30
cis-1,2-Dichloroethene
Concen: 0.77 PPB
RT: 6.65 min Scan# 863
Delta R.T. -0.01 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 61 Resp: 193361

Ion	Ratio	Lower	Upper
61	100		
96	63.2	66.6	99.8#
98	40.4	43.7	65.5#



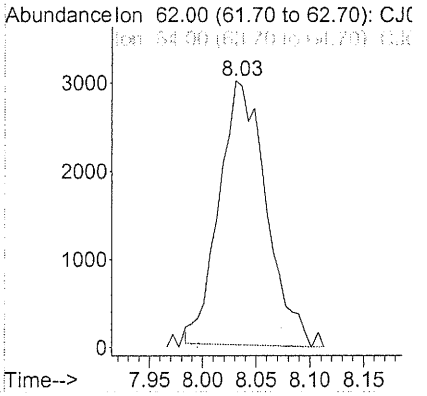
0092

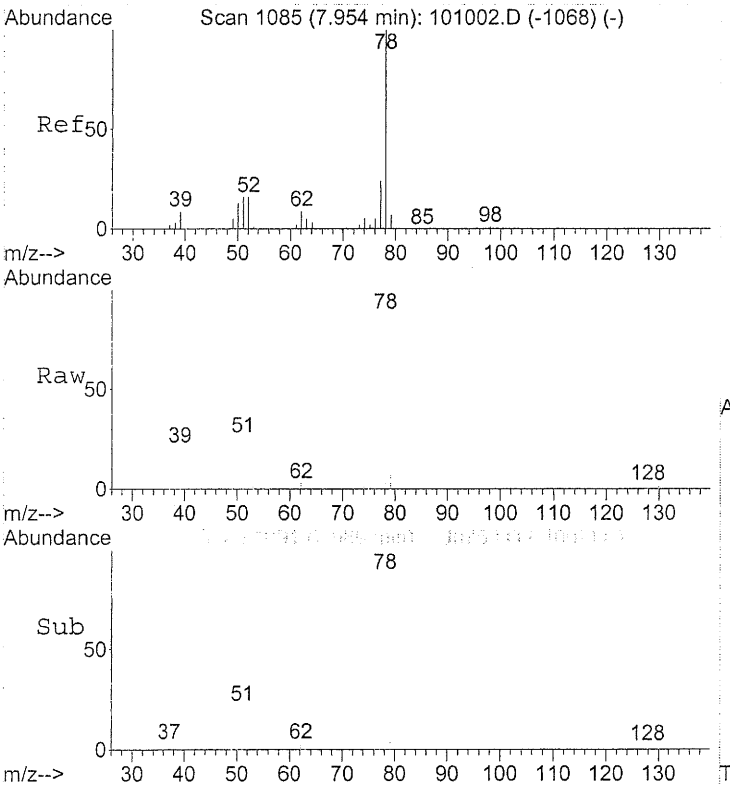


#38
1,2-Dichloroethane
Concen: 0.36 PPB
RT: 8.04 min Scan# 1099
Delta R.T. -0.02 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 62 Resp: 92689

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.0	37.4

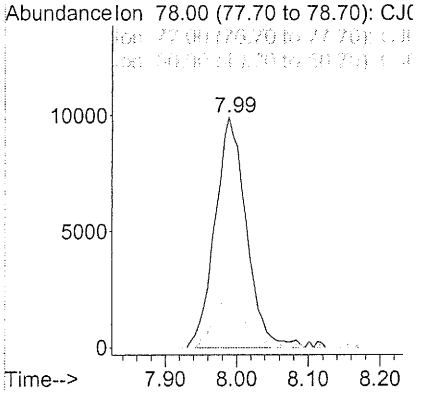


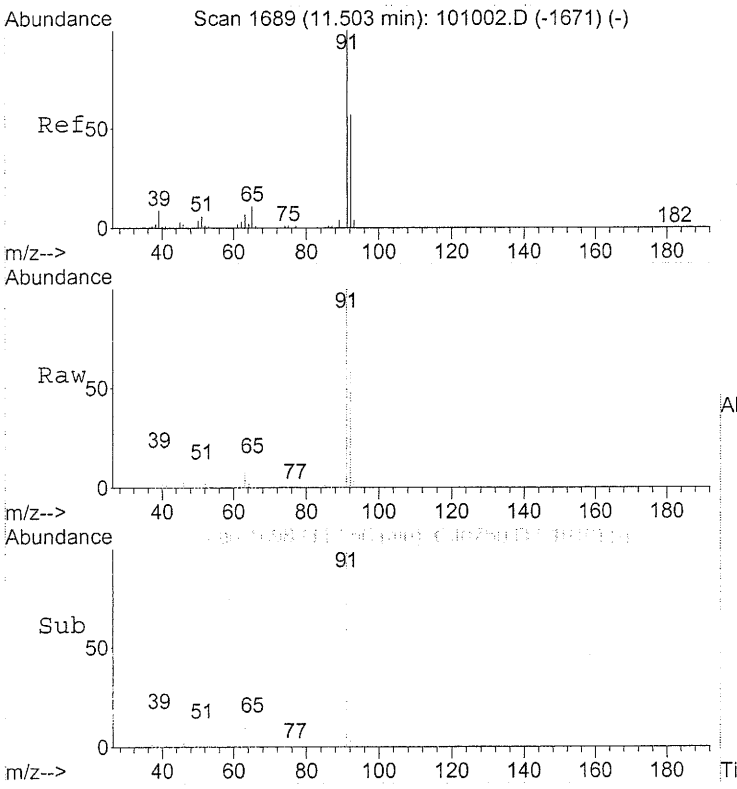


#39
Benzene
Concen: 0.59 PPB
RT: 7.99 min Scan# 1091
Delta R.T. -0.01 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 78 Resp: 305562

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.2
50	23.8	15.7	23.5#

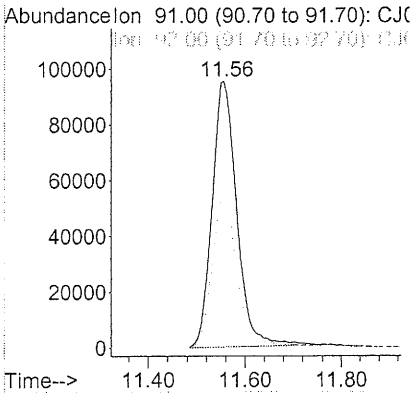


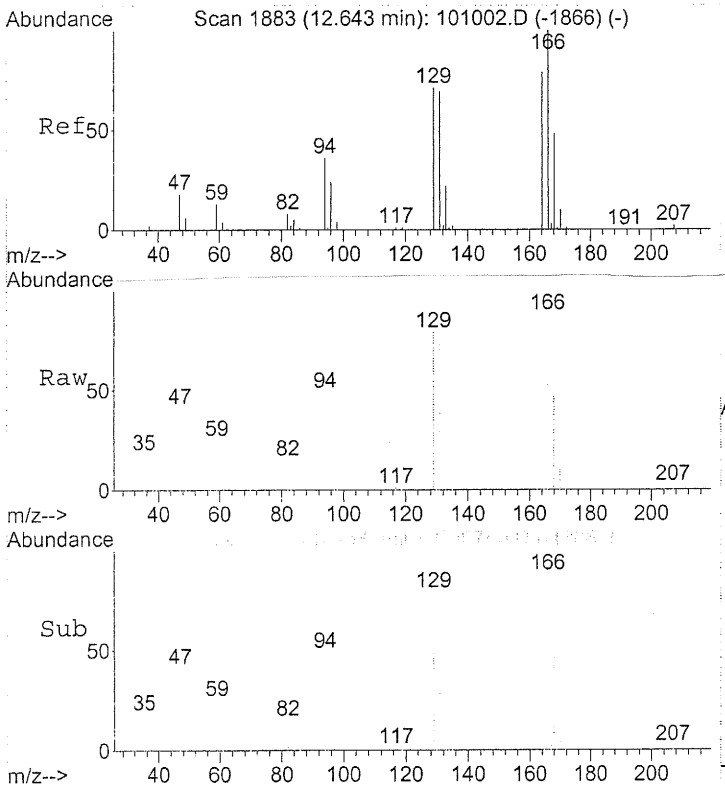


#52
Toluene
Concen: 6.47 PPB
RT: 11.56 min Scan# 1698
Delta R.T. -0.02 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 91 Resp: 3372699

Ion	Ratio	Lower	Upper
91	100		
92	57.4	45.4	68.0

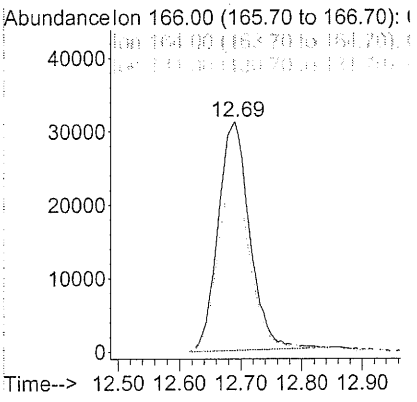




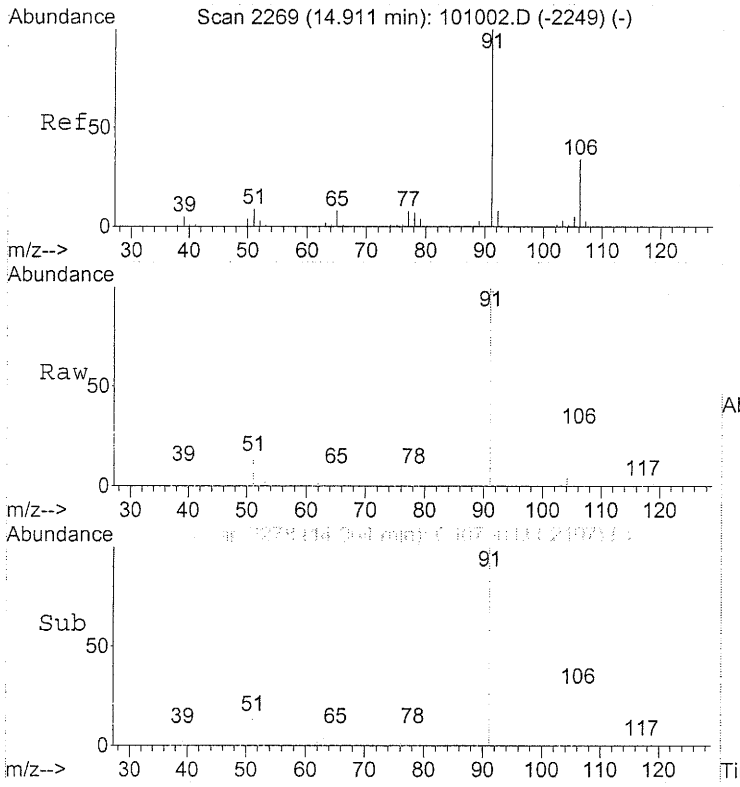
#57
Tetrachloroethene
Concen: 4.65 PPB
RT: 12.69 min Scan# 1891
Delta R.T. -0.01 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion:166 Resp: 1114097

Ion	Ratio	Lower	Upper
166	100		
164	79.9	63.0	94.6
131	82.0	61.1	91.7



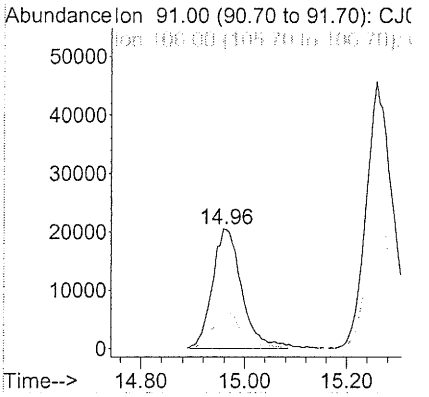
8894

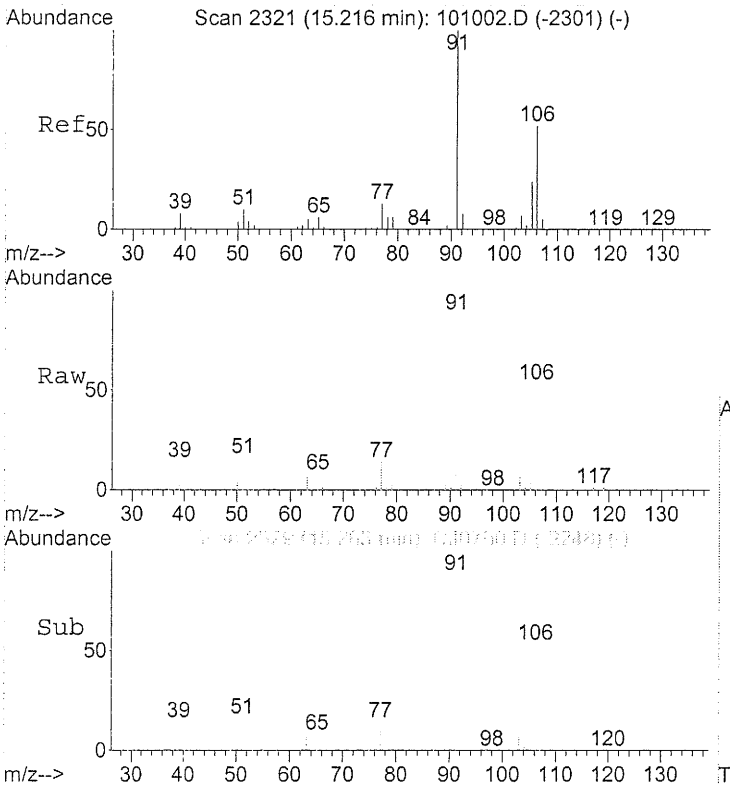


#63
Ethylbenzene
Concen: 1.13 PPB
RT: 14.97 min Scan# 2278
Delta R.T. -0.02 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 91 Resp: 828121

Ion	Ratio	Lower	Upper
91	100		
106	30.1	28.8	43.2

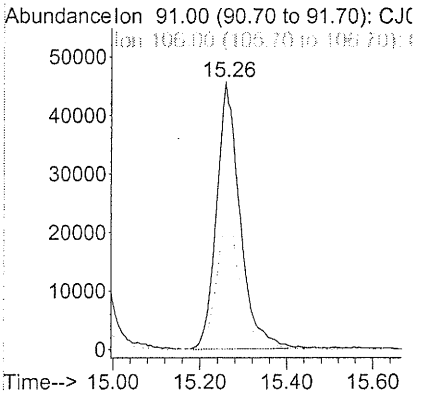


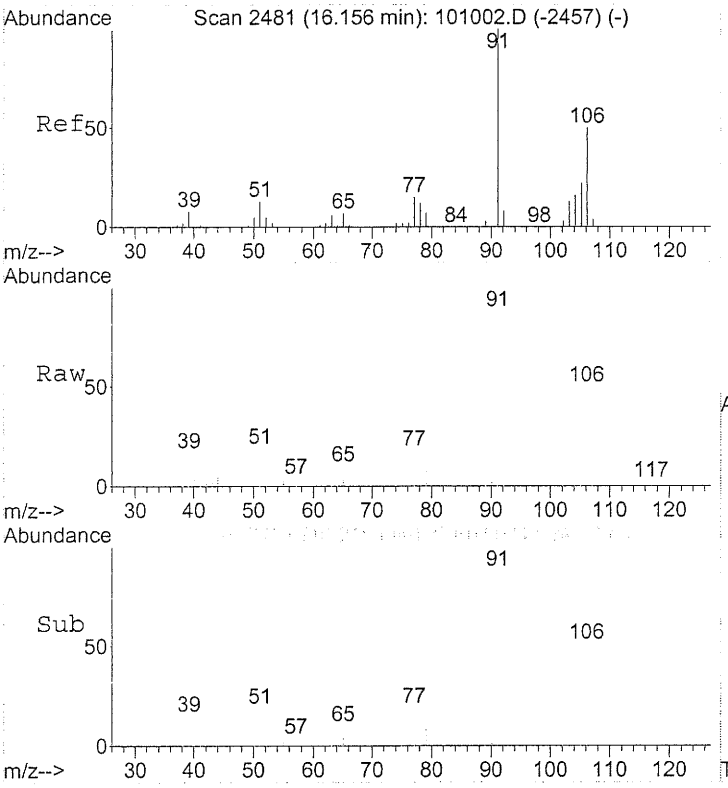


#64
m/p-Xylene
Concen: 2.92 PPB
RT: 15.26 min Scan# 2329
Delta R.T. -0.02 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 91 Resp: 1722234

Ion	Ratio	Lower	Upper
91	100		
106	49.7	45.0	67.4

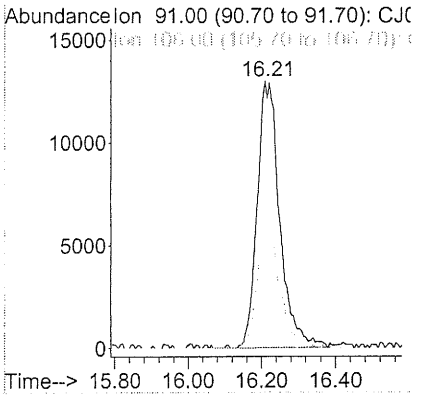


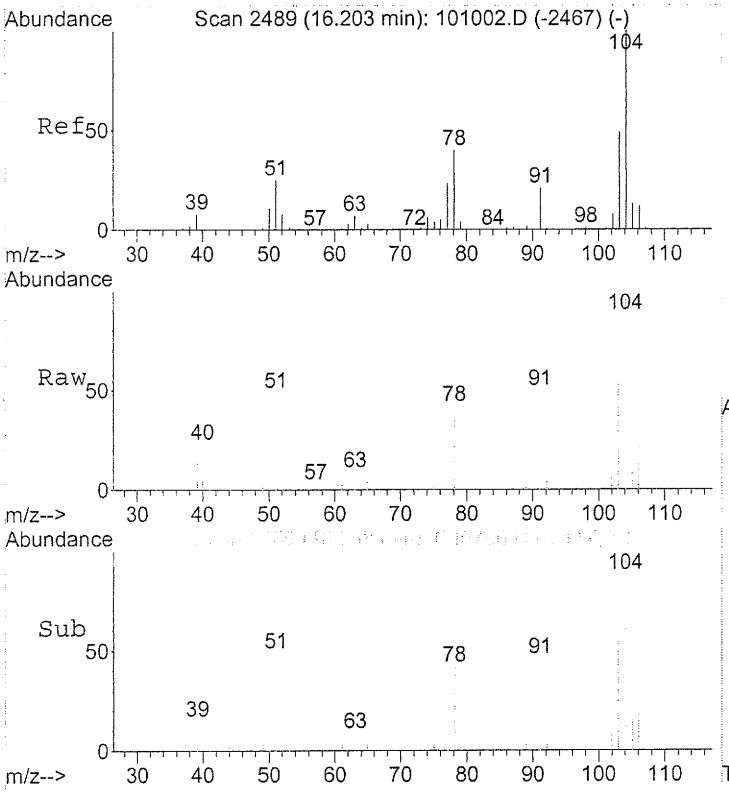


#65
o-Xylene
Concen: 0.97 PPB
RT: 16.22 min Scan# 2491
Delta R.T. -0.02 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion: 91 Resp: 553407

Ion	Ratio	Lower	Upper
91	100		
106	47.2	43.4	65.0

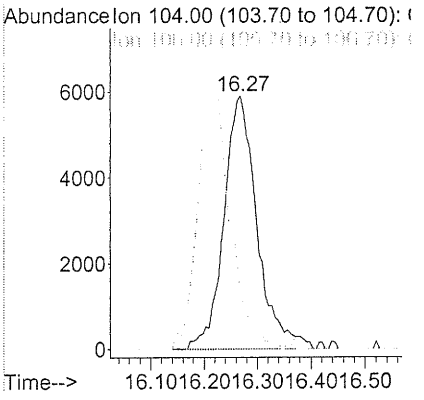




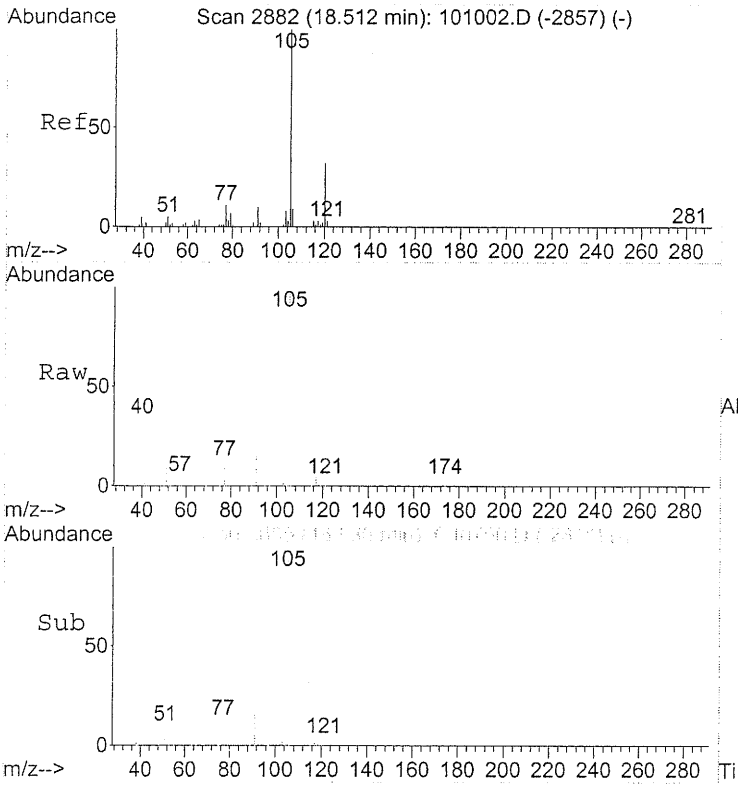
#66
Styrene
Concen: 0.62 PPB
RT: 16.27 min Scan# 2500
Delta R.T. -0.01 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion:104 Resp: 257040

Ion	Ratio	Lower	Upper
104	100		
106	0.0	0.0	0.0



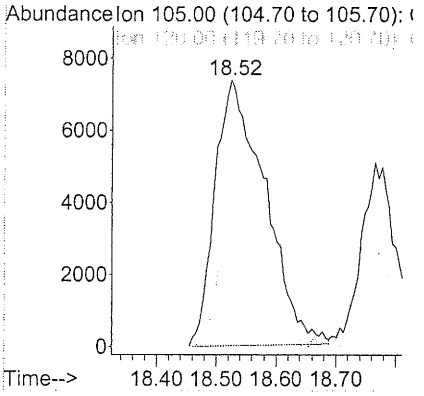
0896

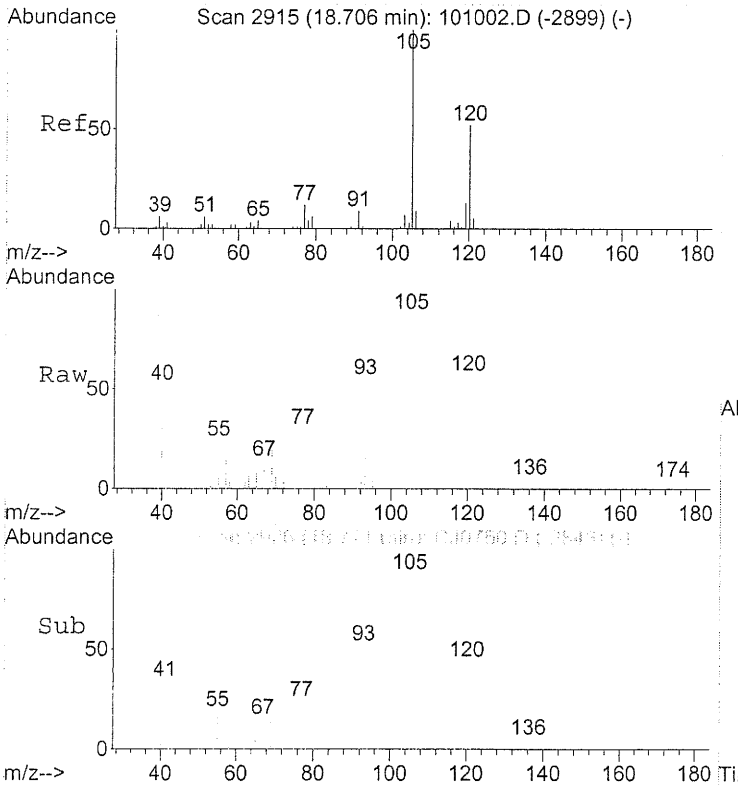


#72
4-Ethyltoluene
Concen: 0.55 PPB
RT: 18.53 min Scan# 2885
Delta R.T. -0.07 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion:105 Resp: 426879

Ion	Ratio	Lower	Upper
105	100		
120	32.5	27.0	40.6

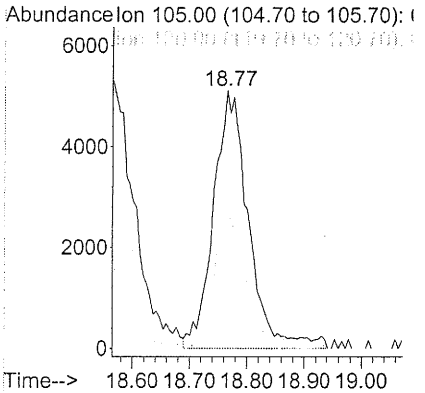


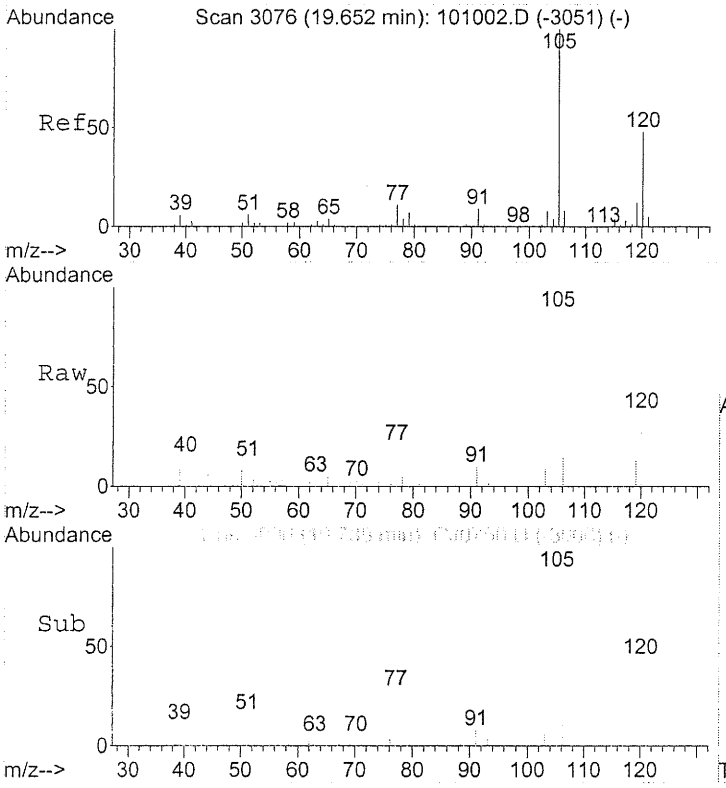


#73
1,3,5-Trimethylbenzene
Concen: 0.33 PPB
RT: 18.77 min Scan# 2926
Delta R.T. -0.01 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion:105 Resp: 218010

Ion	Ratio	Lower	Upper
105	100		
120	45.8	43.9	65.9

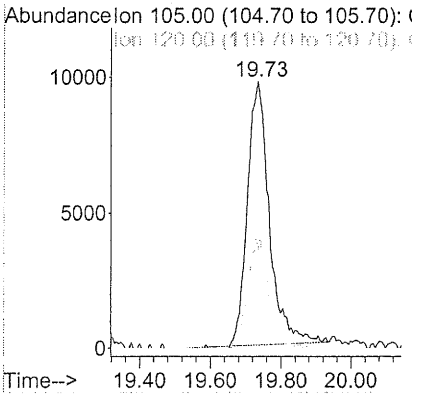




#75
1,2,4-Trimethylbenzene
Concen: 0.64 PPB
RT: 19.74 min Scan# 3090
Delta R.T. -0.01 min
Lab File: CJ0750.D
Acq: 29 Oct 2005 18:45

Tgt Ion:105 Resp: 417122

Ion	Ratio	Lower	Upper
105	100		
120	40.2	42.3	63.5#



LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: 1FACC Date Collected: 10/19/05 Date Received: 10/20/05
Lab Sample ID: 4628494 Date Analyzed: 10/29/05 Time Analyzed: 00:42
Canister ID: SUMMA0232 Pressure Rec'd: 14.7 psia Final Pressure: 29.4 psia
Injection Volume: 500 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 RTC 11/16/05 Lab File ID: C:\MSDCHEM\1\DATA\OCT28\CJ0722.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
75-71-8	Dichlorodifluoromethane	6	
76-14-2	Freon 114	1	U
74-87-3	Chloromethane	2	
75-01-4	Vinyl Chloride	0.8	J
74-83-9	Bromomethane	0.8	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	2	J
75-35-4	1,1-Dichloroethene	0.8	U
76-13-1	Freon 113	4	U
107-05-1	3-Chloropropene	2	U
75-09-2	Methylene Chloride	3	J
75-34-3	1,1-Dichloroethane	0.8	U
156-59-2	cis-1,2-Dichloroethene	6	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	4	J
71-43-2	Benzene	4	
79-01-6	Trichloroethene	1	J
78-87-5	1,2-Dichloropropane	0.9	U
10061-01-5	cis-1,3-Dichloropropene	0.9	U
108-88-3	Toluene	45	
10061-02-6	trans-1,3-Dichloropropene	0.9	U
79-00-5	1,1,2-Trichloroethane	1	U
127-18-4	Tetrachloroethene	74	
106-93-4	1,2-Dibromoethane	2	U
108-90-7	Chlorobenzene	0.9	U
100-41-4	Ethylbenzene	10	
1330-20-7	m/p-Xylene	23	
95-47-6	o-Xylene	8	
100-42-5	Styrene	6	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
622-96-8	4-Ethyltoluene	4	J
108-67-8	1,3,5-Trimethylbenzene	4	J

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

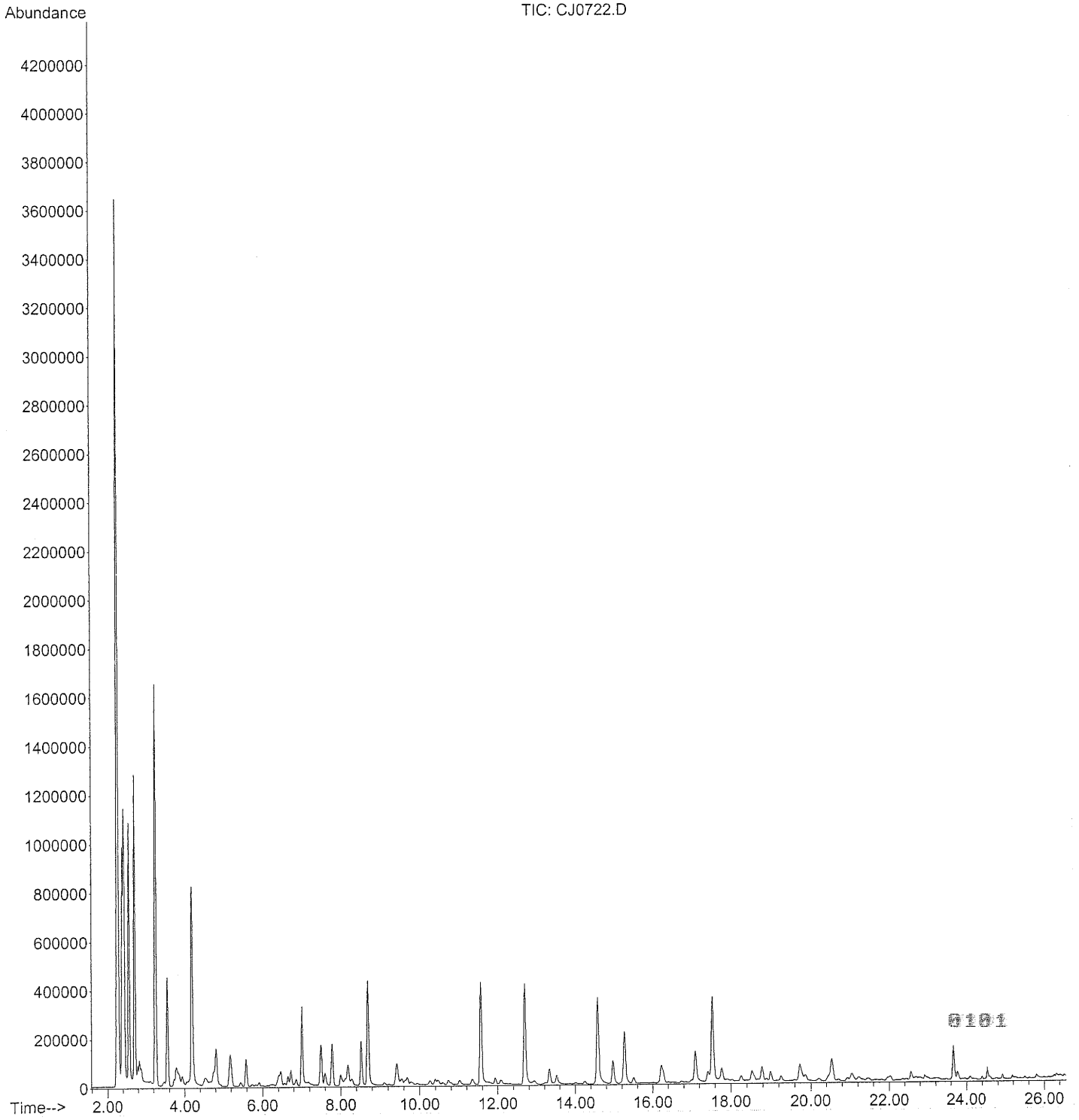
Sample No.: 1FACC Date Collected: 10/19/05 Date Received: 10/20/05
Lab Sample ID: 4628494 Date Analyzed: 10/29/05 Time Analyzed: 00:42
Canister ID: SUMMA0232 Pressure Rec'd: 14.7 psia Final Pressure: 29.4 psia
Injection Volume: 500 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 Lab File ID: C:\MSDCHEM\1\DATA\OCT28\CJ0722.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
95-63-6	1,2,4-Trimethylbenzene	7	
541-73-1	1,3-Dichlorobenzene	3	U
106-46-7	1,4-Dichlorobenzene	3	U
95-50-1	1,2-Dichlorobenzene	3	U
120-82-1	1,2,4-Trichlorobenzene	7	U

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

Data Path : C:\MSDChem\1\DATA\OCT28\
Data File : CJ0722.D
Acq On : 29 Oct 2005 00:42
Operator : JBS
Sample : 4628494 500CC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Nov 07 23:04:08 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT28\
Data File : CJ0722.D
Acq On : 29 Oct 2005 00:42
Operator : JBS
Sample : 4628494 500CC
Misc :
ALS Vial : 47 Sample Multiplier: 1

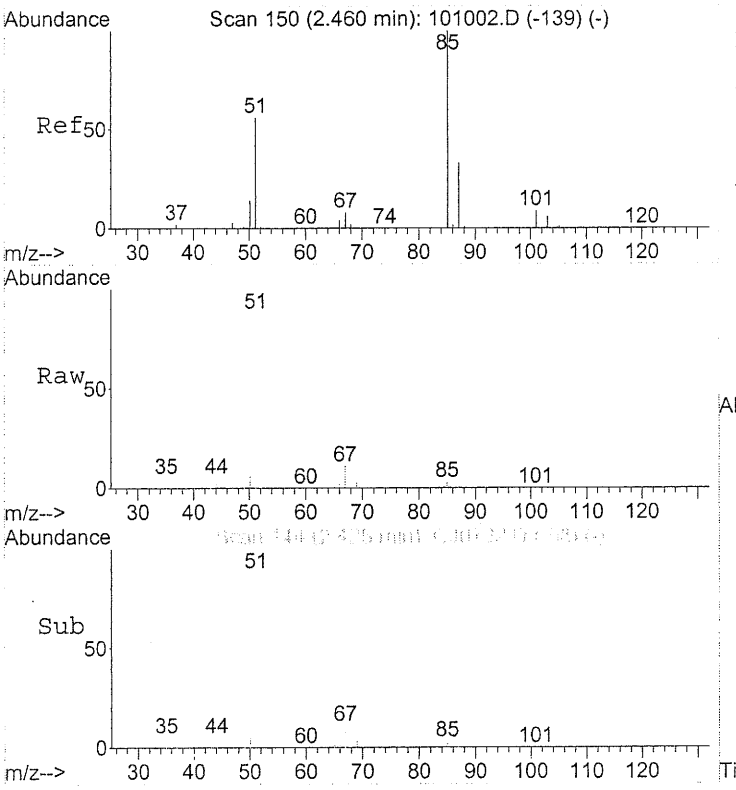
Quant Time: Nov 07 23:04:08 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.01	130	1528717	10.000			0.00
37) 1,4-Difluorobenzene	8.70	114	5244632	10.000			0.00
51) Chlorobenzene d5	14.58	117	4301798	10.000			0.00
Target Compounds							Qvalue
3) Dichlorodifluoromethane	2.42	85	527104	1.178	PPB		99
6) Chloromethane	2.56	50	302777m	1.053	PPB		
7) Vinyl Chloride	2.70	62	64954	0.322	PPB	#	45
12) Trichlorofluoromethane	3.45	101	133440	0.304	PPB		98
22) Methylene Chloride	4.77	84	94661	0.738	PPB		80
~~26) Methyl t-Butyl Ether~~	~~5.20~~	~~73~~	~~1064305~~	~~2.486~~	~~PPB~~	~~#~~	~~48~~
30) cis-1,2-Dichloroethene	6.66	61	398124	1.591	PPB	#	78
38) 1,2-Dichloroethane	8.04	62	196238	0.930	PPB		100
39) Benzene	8.00	78	524374	1.224	PPB		95
42) Trichloroethene	9.11	130	49589	0.211	PPB	#	58
52) Toluene	11.56	91	5543988	12.003	PPB		100
57) Tetrachloroethene	12.69	166	2311722	10.889	PPB		97
63) Ethylbenzene	14.97	91	1468730	2.272	PPB		92
64) m/p-Xylene	15.27	91	2721982	5.219	PPB		91
65) o-Xylene	16.22	91	933865	1.847	PPB		90
66) Styrene	16.27	104	477423	1.303	PPB	#	100
72) 4-Ethyltoluene	18.53	105	551566m	0.808	PPB		
73) 1,3,5-Trimethylbenzene	18.78	105	420885	0.718	PPB		91
75) 1,2,4-Trimethylbenzene	19.74	105	880088	1.519	PPB	#	76
81) 1,2,4-Trichlorobenzene	24.92	180	86830m	0.621	PPB		

RAGHU 11/14/05

(#) = qualifier out of range (m) = manual integration (+) = signals summed

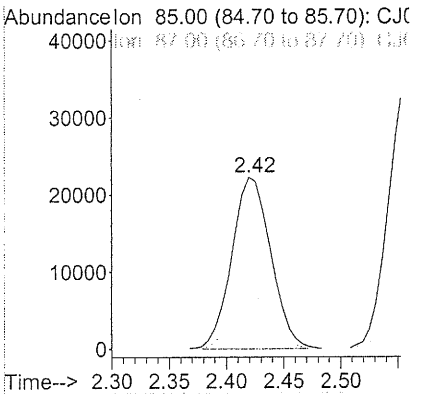
0102

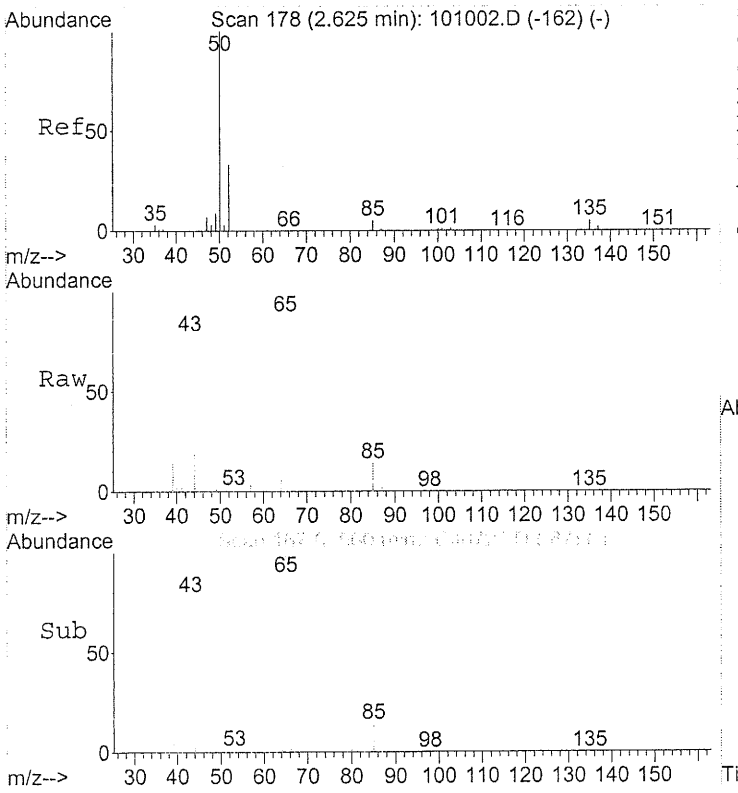


#3
Dichlorodifluoromethane
Concen: 1.18 PPB
RT: 2.42 min Scan# 144
Delta R.T. 0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 85 Resp: 527104

Ion	Ratio	Lower	Upper
85	100		
87	32.8	25.7	38.5

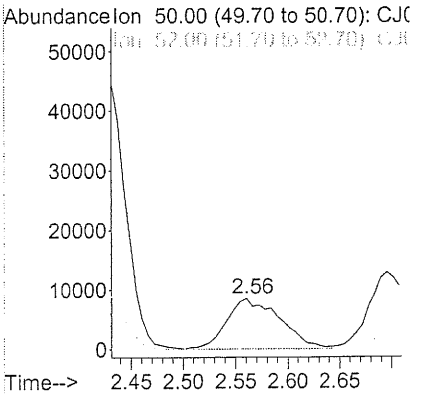




#6
Chloromethane
Concen: 1.05 PPB m
RT: 2.56 min Scan# 167
Delta R.T. -0.03 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 50 Resp: 302777

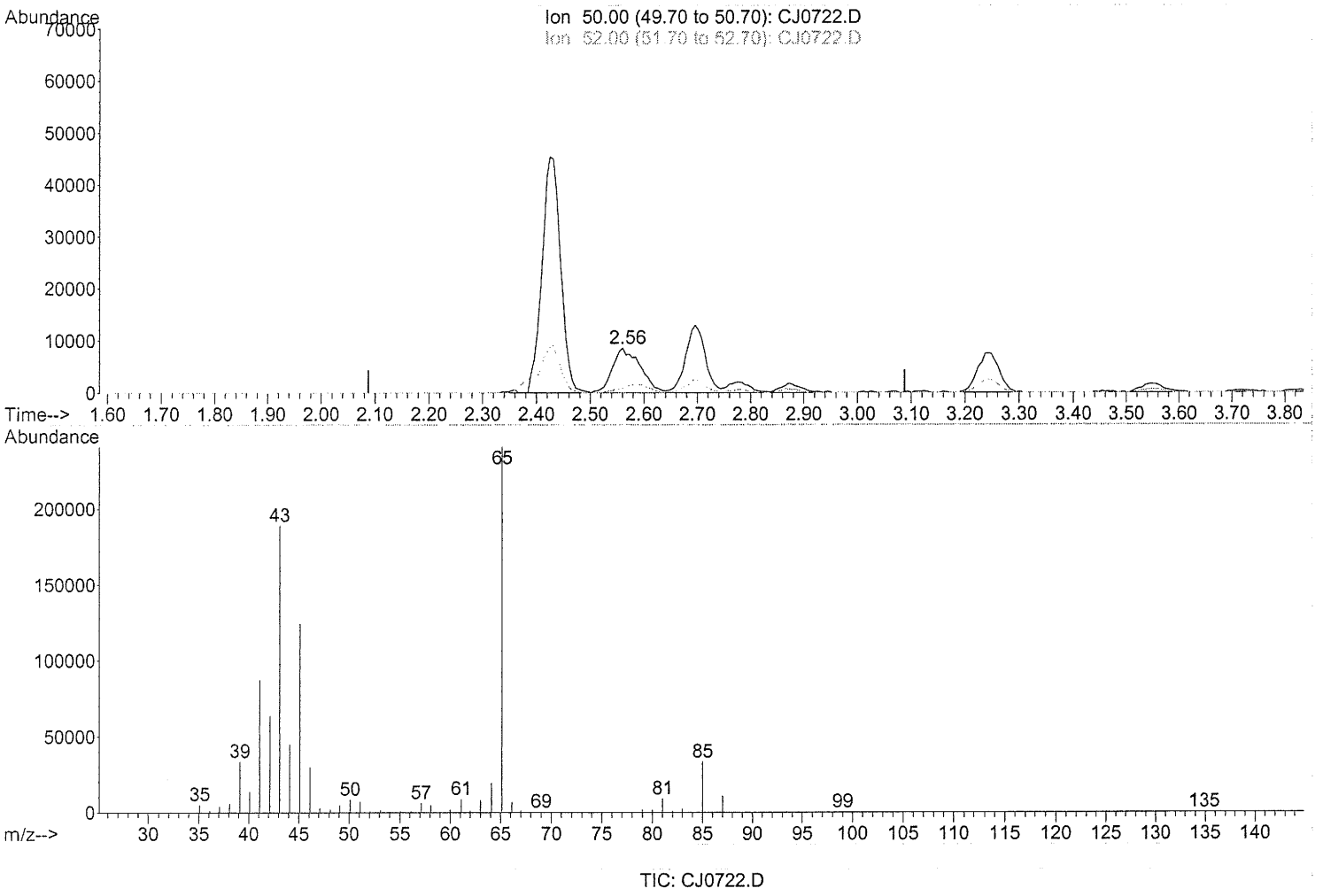
Ion	Ratio	Lower	Upper
50	100		
52	0.0	18.6	28.0#



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT28\
Data File : CJ0722.D
Acq On : 29 Oct 2005 00:42
Operator : JBS
Sample : 4628494 500CC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Oct 29 00:09:34 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration



TIC: CJ0722.D

(6) Chloromethane

2.560min (-0.028) 1.05PPB m

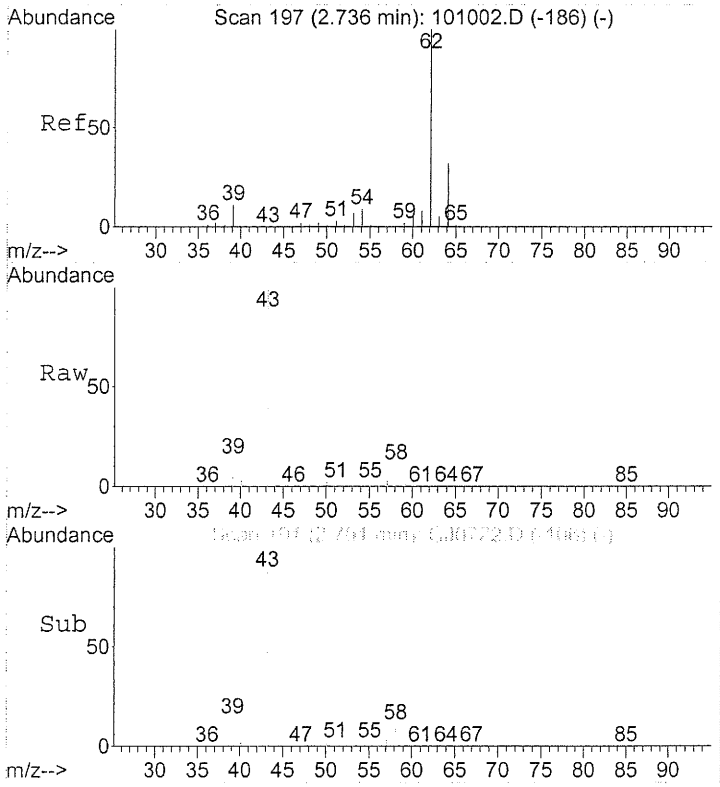
response 302777

Ion	Exp%	Act%
50.00	100	100
52.00	23.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

split peak
reviewed
10/31/05

CMR/412
11/12/05

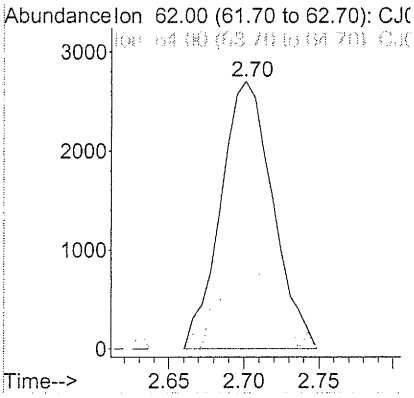
#184

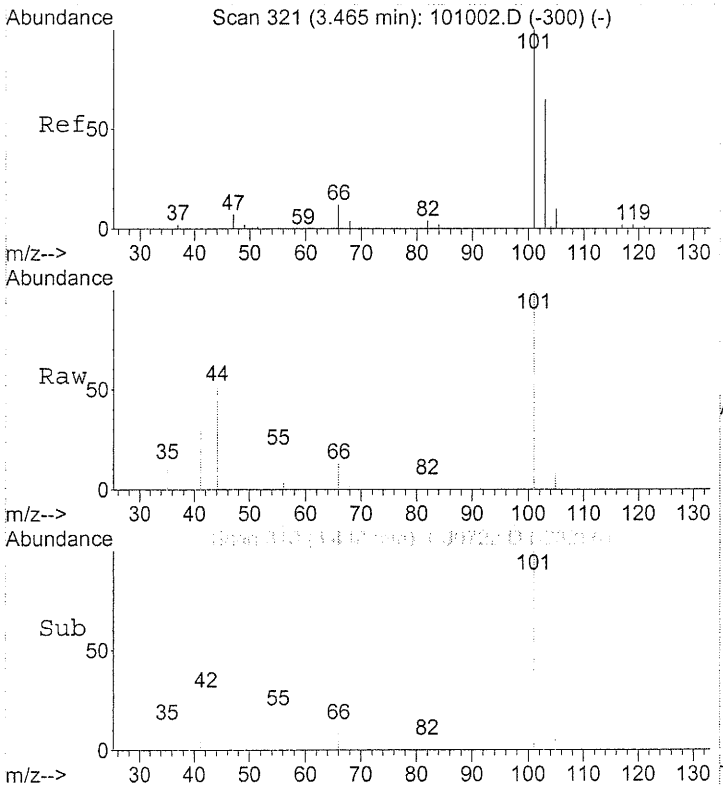


#7
Vinyl Chloride
Concen: 0.32 PPB
RT: 2.70 min Scan# 191
Delta R.T. 0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 62 Resp: 64954

Ion	Ratio	Lower	Upper
62	100		
64	0.0	23.8	35.6#

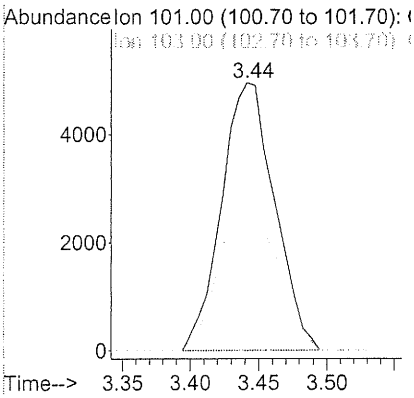


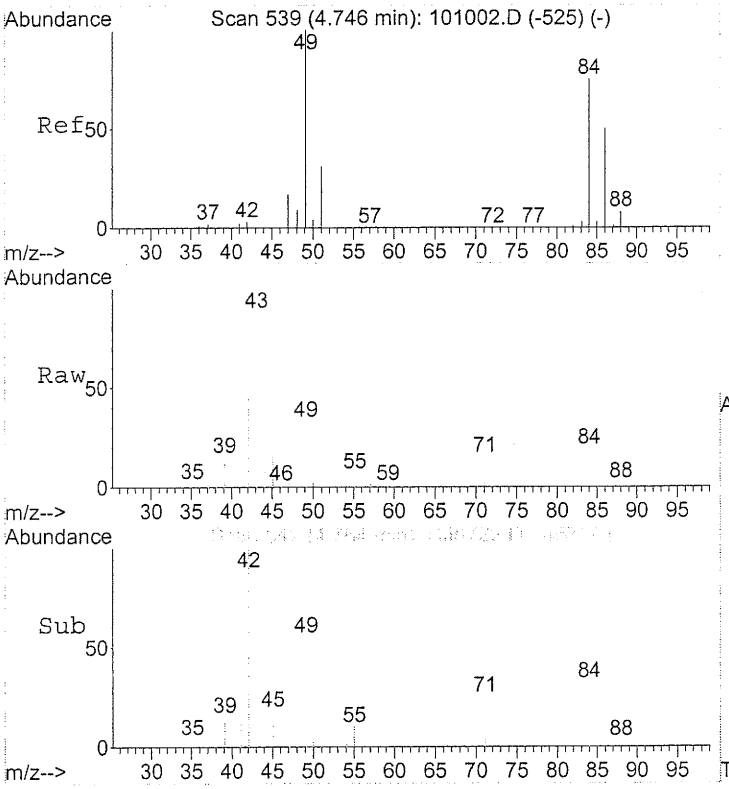


#12
Trichlorofluoromethane
Concen: 0.30 PPB
RT: 3.45 min Scan# 318
Delta R.T. 0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion:101 Resp: 133440

Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.5	78.7

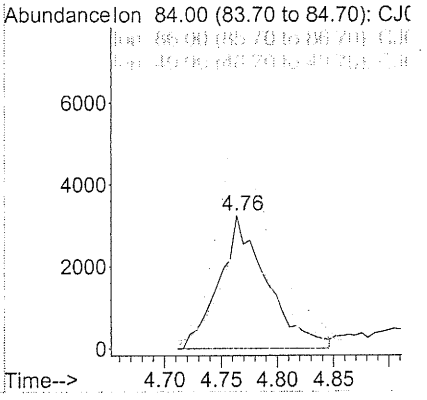


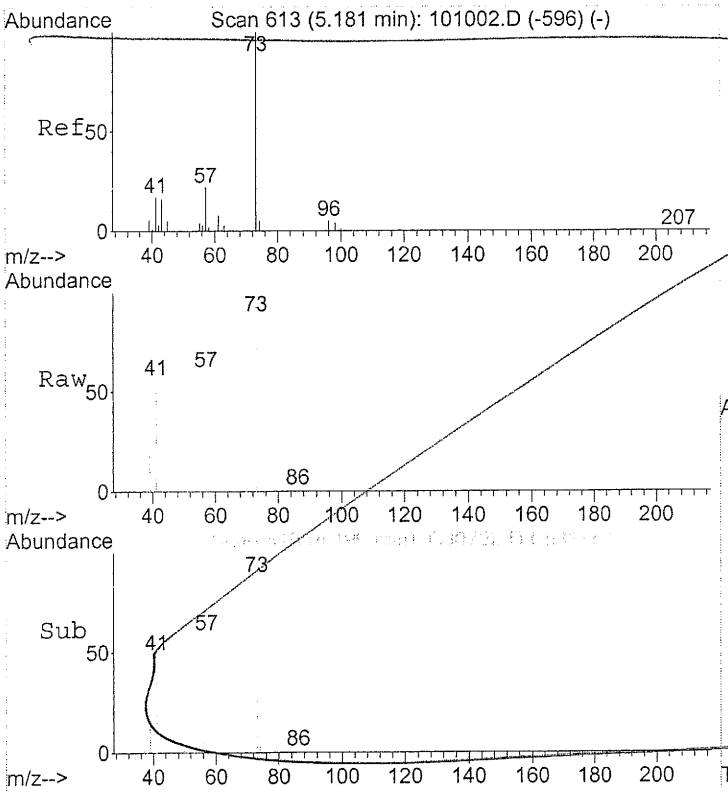


#22
Methylene Chloride
Concen: 0.74 PPB
RT: 4.77 min Scan# 542
Delta R.T. 0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 84 Resp: 94661

Ion	Ratio	Lower	Upper
84	100		
86	75.2	50.7	76.1
49	182.8	123.5	185.3

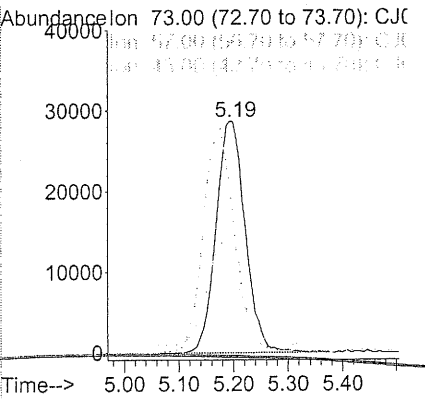




#26
~~Methyl t-Butyl Ether~~
Concen: 2.49 PPB
RT: 5.20 min Scan# 616
Delta R.T. -0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

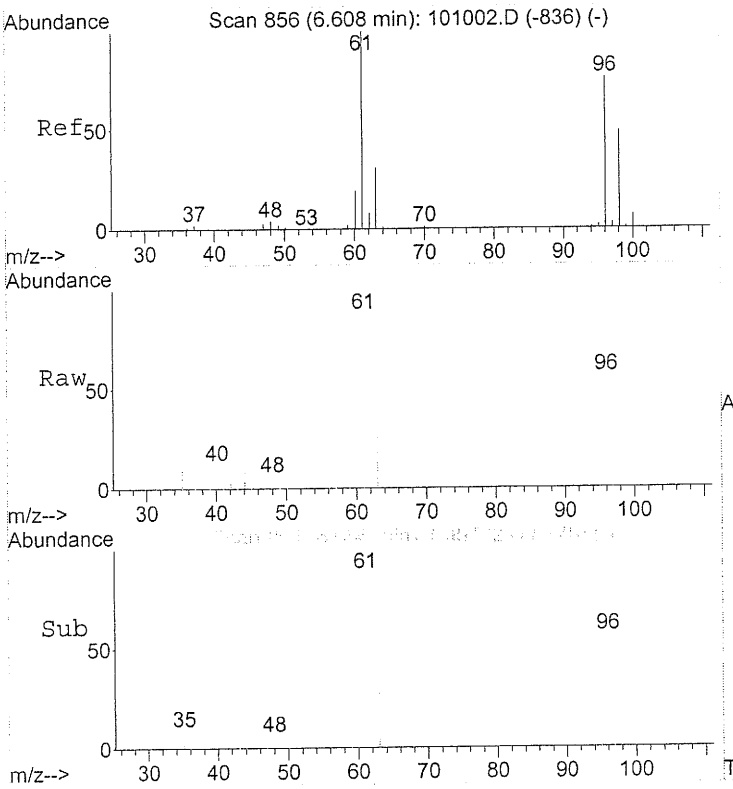
Tgt Ion: 73 Resp: 1064305

Ion	Ratio	Lower	Upper
73	100		
57	0.0	20.6	31.0#
43	0.0	22.2	33.2#



RG 11/4/05

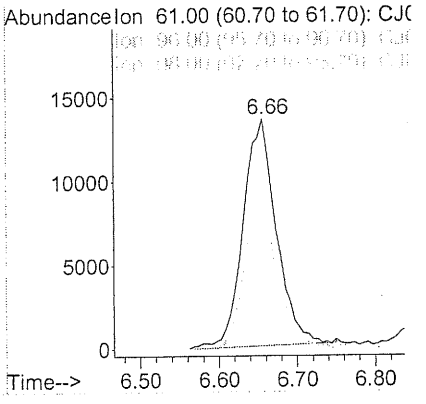
0106

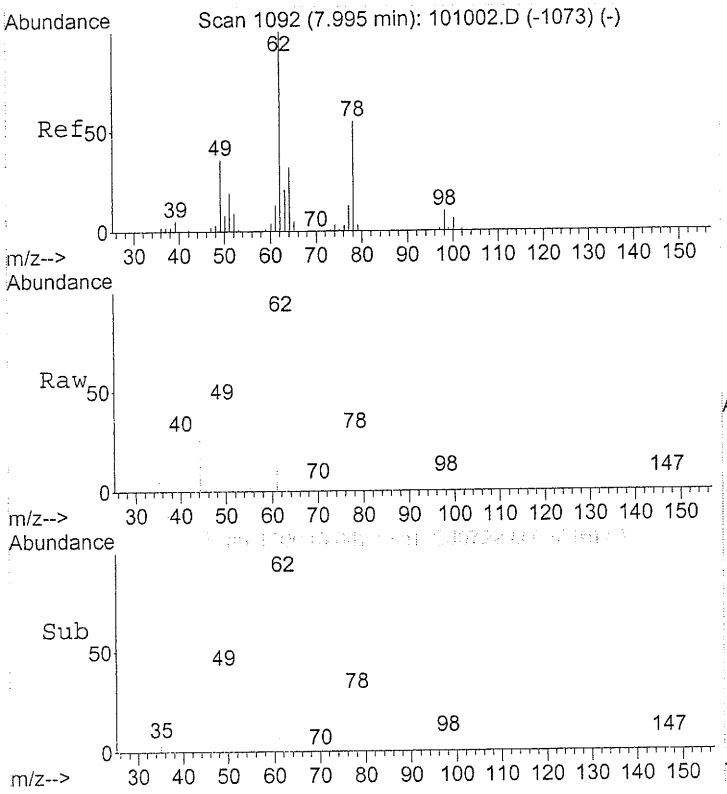


#30
cis-1,2-Dichloroethene
Concen: 1.59 PPB
RT: 6.66 min Scan# 864
Delta R.T. 0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 61 Resp: 398124

Ion	Ratio	Lower	Upper
61	100		
96	61.5	66.6	99.8#
98	40.8	43.7	65.5#

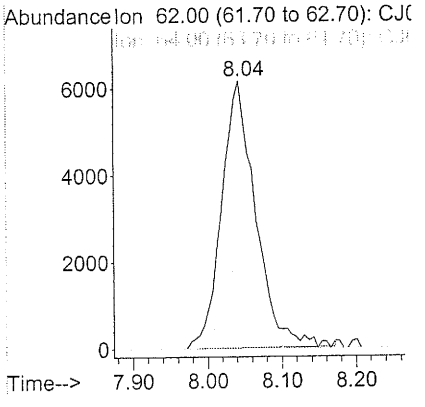




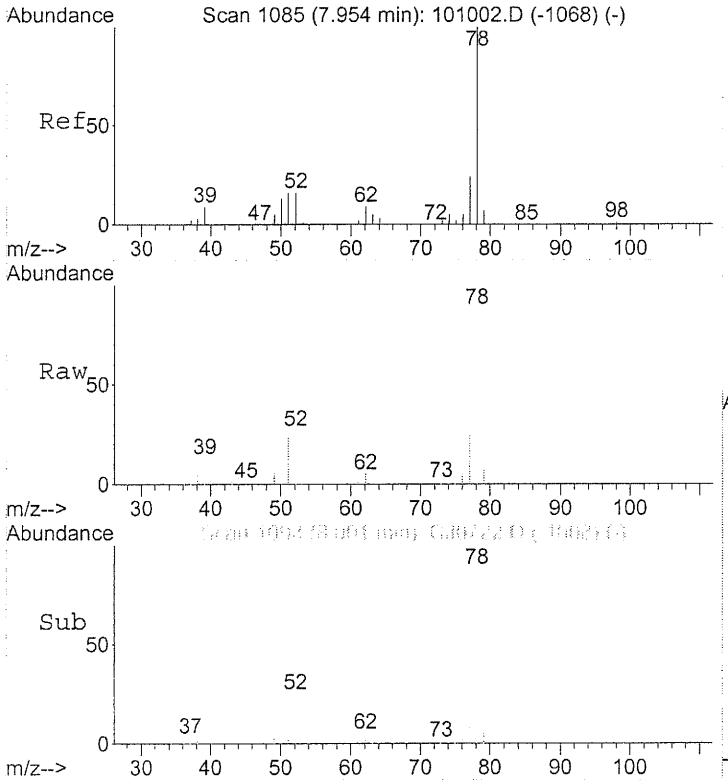
#38
1,2-Dichloroethane
Concen: 0.93 PPB
RT: 8.04 min Scan# 1100
Delta R.T. -0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 62 Resp: 196238

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.0	37.4



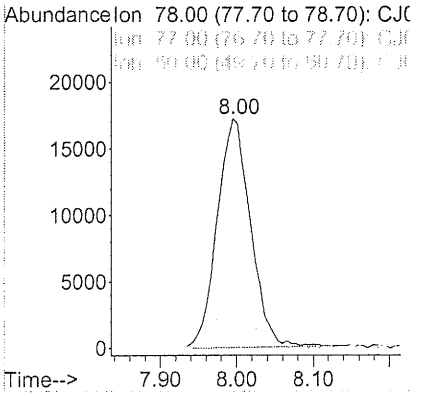
0187

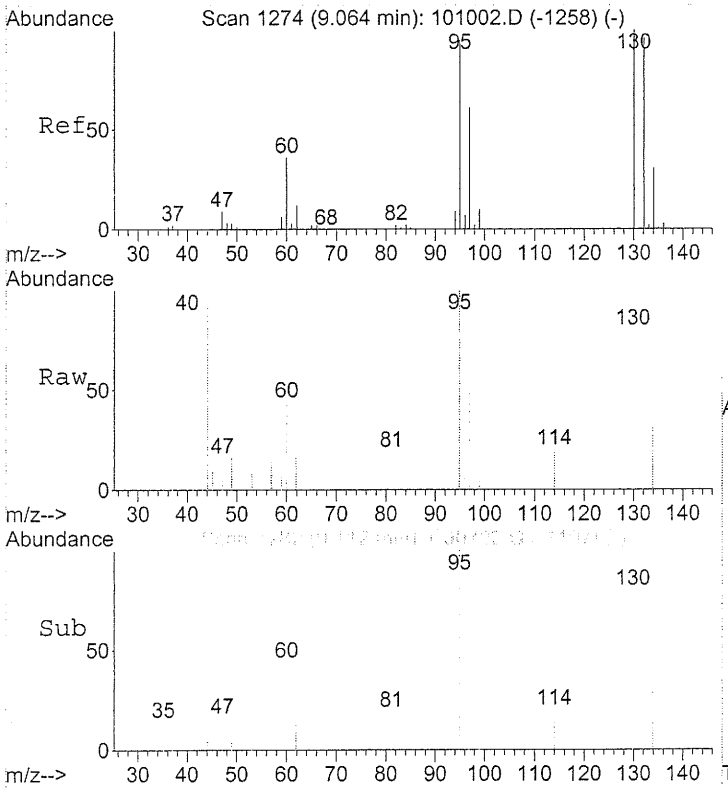


#39
Benzene
Concen: 1.22 PPB
RT: 8.00 min Scan# 1093
Delta R.T. -0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 78 Resp: 524374

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.2
50	23.3	15.7	23.5

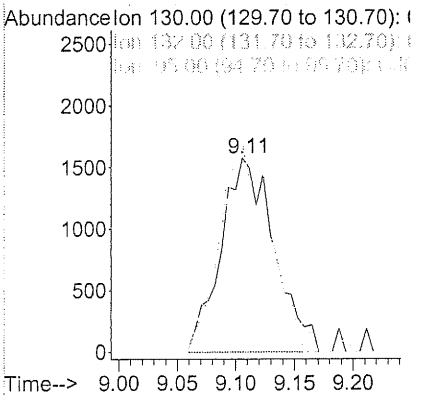


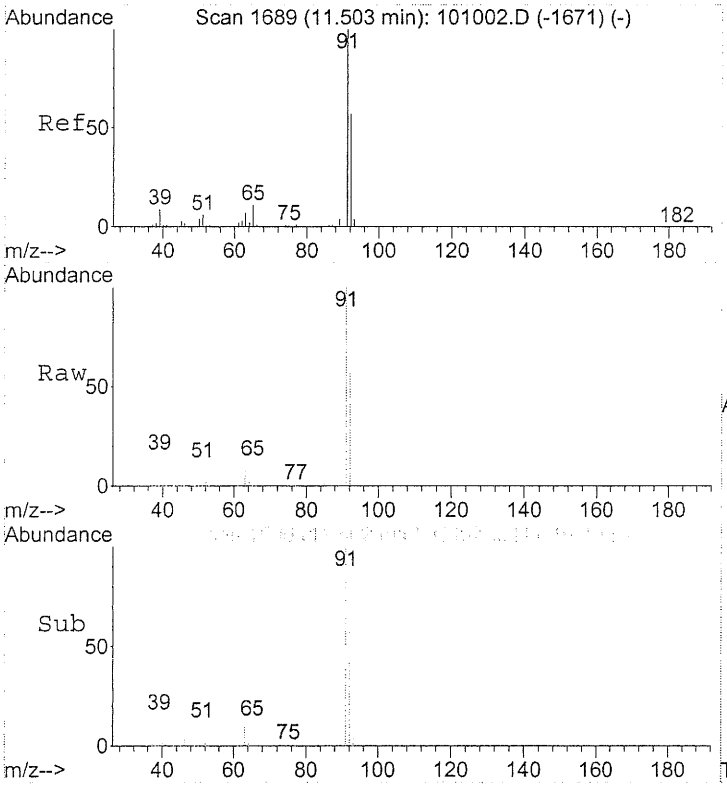


#42
Trichloroethene
Concen: 0.21 PPB
RT: 9.11 min Scan# 1282
Delta R.T. -0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion:130 Resp: 49589

Ion	Ratio	Lower	Upper
130	100		
132	98.9	79.0	118.6
95	0.0	66.1	99.1#

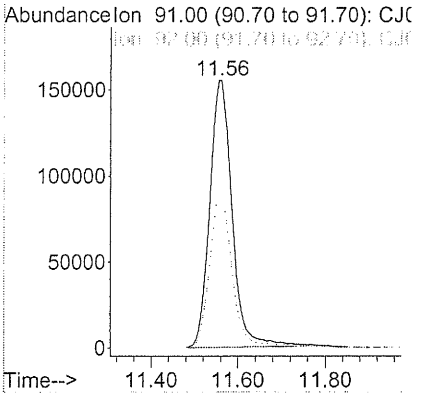


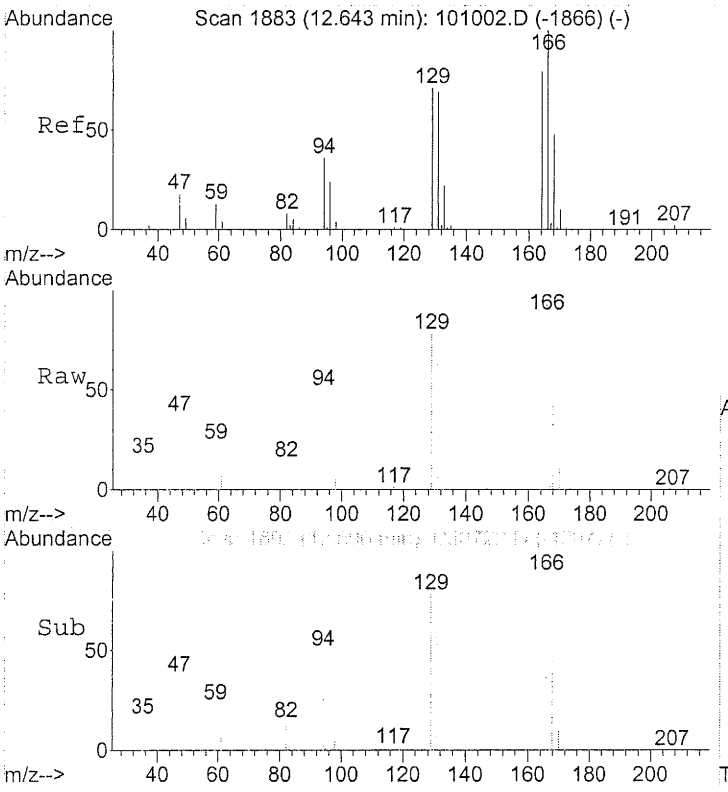


#52
Toluene
Concen: 12.00 PPB
RT: 11.56 min Scan# 1699
Delta R.T. -0.01 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 91 Resp: 5543988

Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.4	68.0

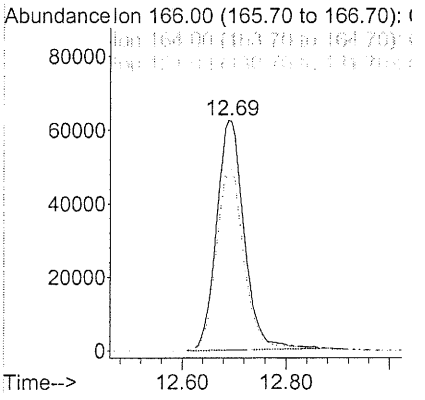


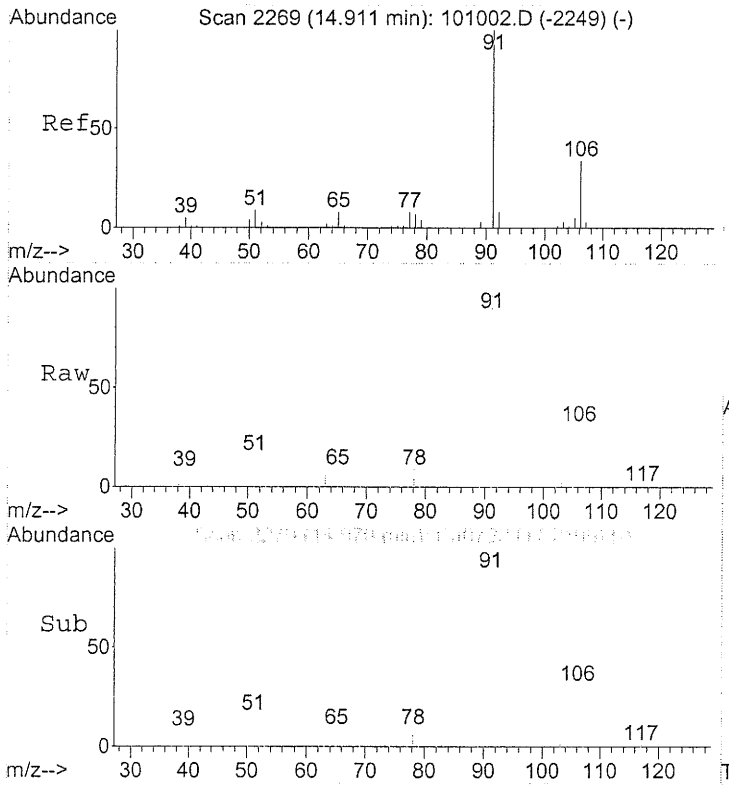


#57
Tetrachloroethene
Concen: 10.89 PPB
RT: 12.69 min Scan# 1892
Delta R.T. -0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion:166 Resp: 2311722

Ion	Ratio	Lower	Upper
166	100		
164	81.0	63.0	94.6
131	79.5	61.1	91.7

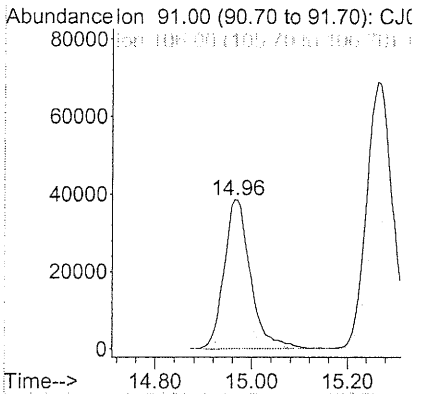


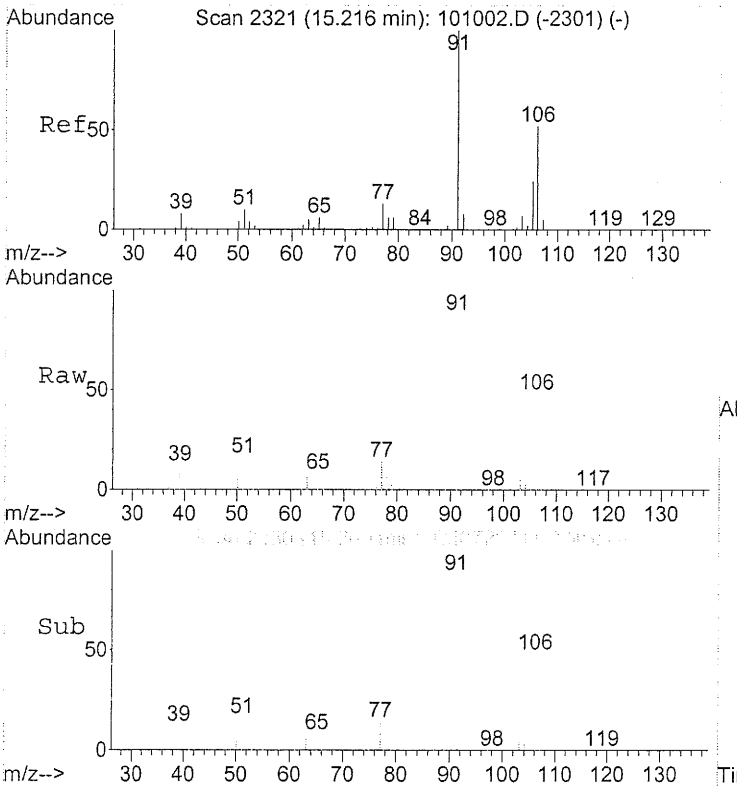


#63
Ethylbenzene
Concen: 2.27 PPB
RT: 14.97 min Scan# 2279
Delta R.T. -0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 91 Resp: 1468730

Ion	Ratio	Lower	Upper
91	100		
106	31.1	28.8	43.2

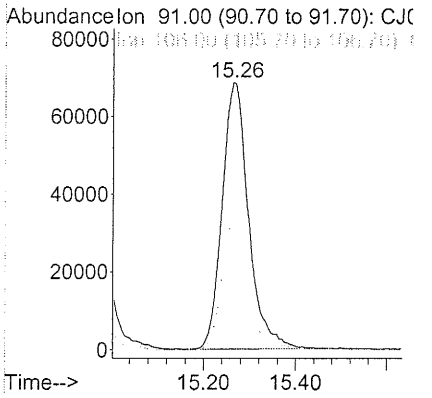


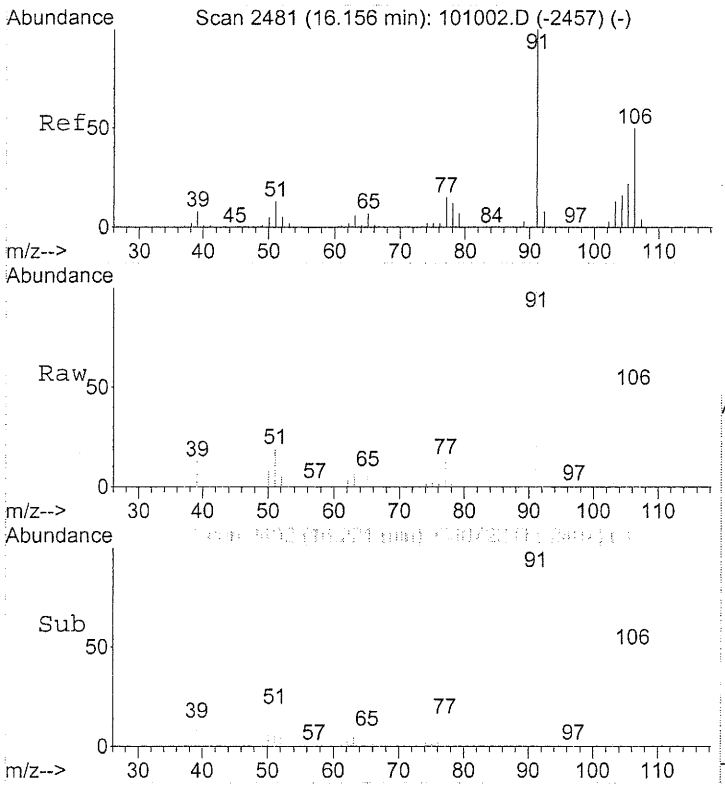


#64
m/p-Xylene
Concen: 5.22 PPB
RT: 15.27 min Scan# 2330
Delta R.T. -0.01 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 91 Resp: 2721982

Ion	Ratio	Lower	Upper
91	100		
106	49.8	45.0	67.4

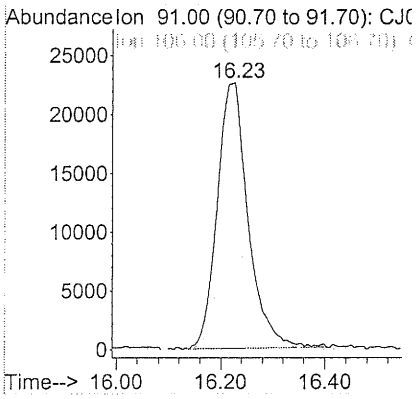


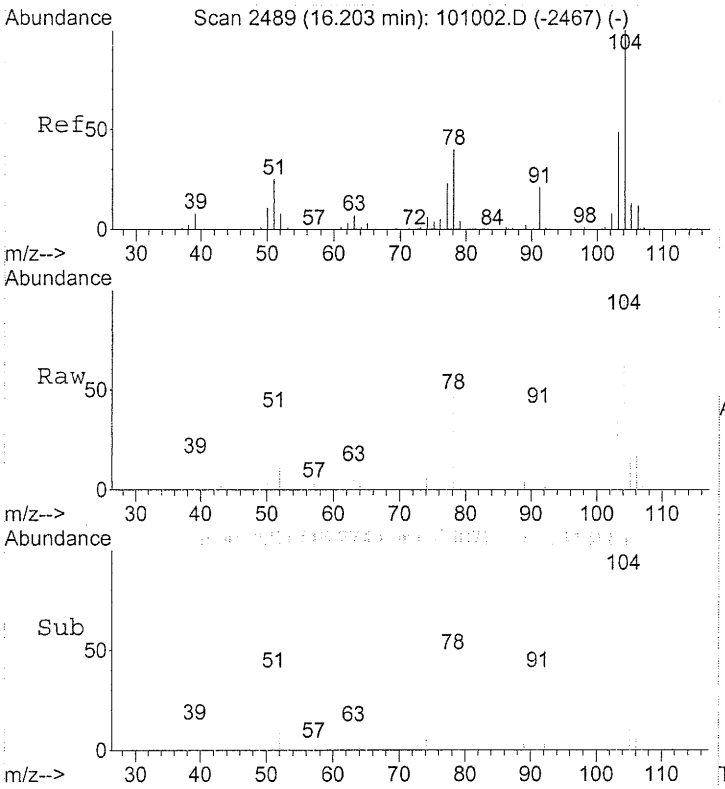


#65
o-Xylene
Concen: 1.85 PPB
RT: 16.22 min Scan# 2492
Delta R.T. 0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion: 91 Resp: 933865

Ion	Ratio	Lower	Upper
91	100		
106	46.9	43.4	65.0

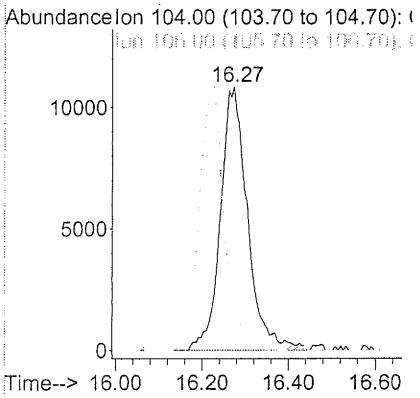


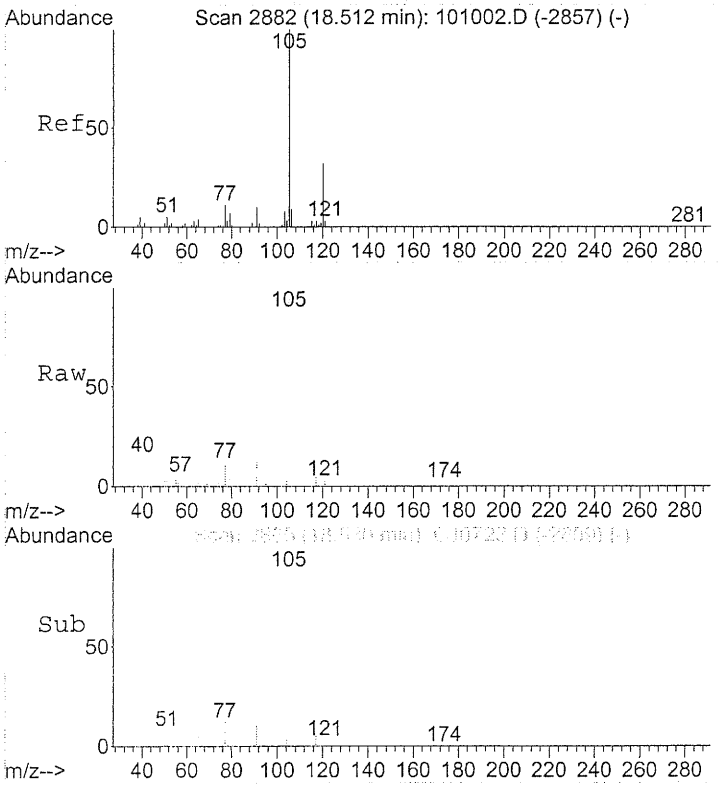


#66
Styrene
Concen: 1.30 PPB
RT: 16.27 min Scan# 2501
Delta R.T. -0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion:104 Resp: 477423

Ion	Ratio	Lower	Upper
104	100		
106	0.0	0.0	0.0

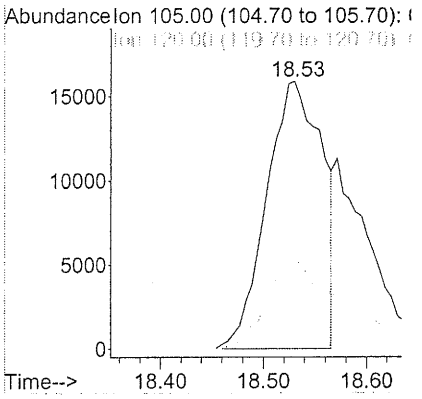


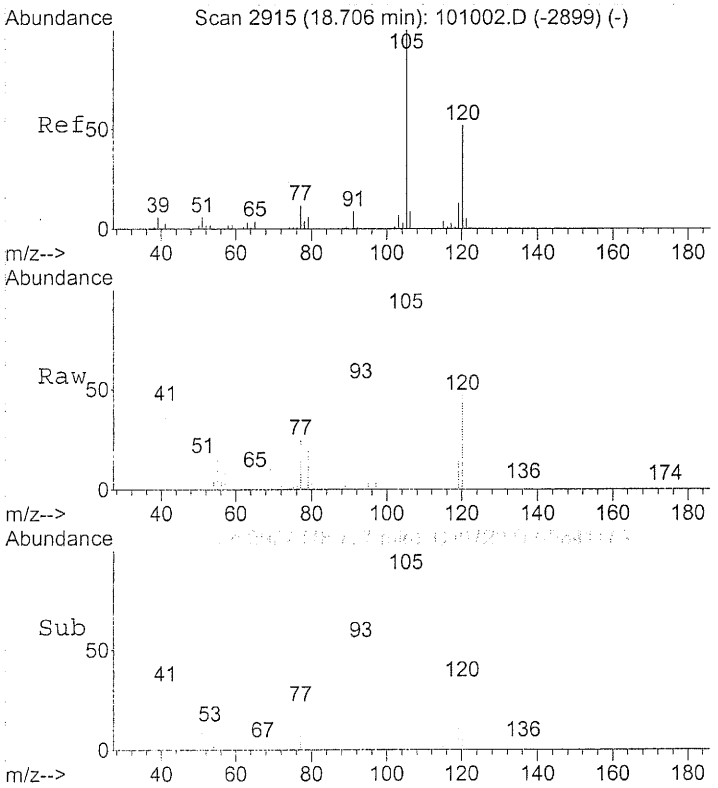


#72
4-Ethyltoluene
Concen: 0.81 PPB m
RT: 18.53 min Scan# 2885
Delta R.T. -0.05 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion:105 Resp: 551566

Ion	Ratio	Lower	Upper
105	100		
120	50.4	27.0	40.6#

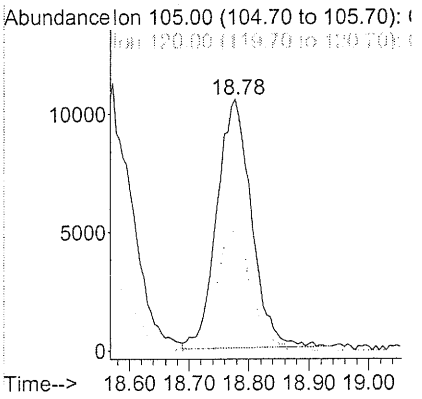




#73
1,3,5-Trimethylbenzene
Concen: 0.72 PPB
RT: 18.78 min Scan# 2927
Delta R.T. 0.01 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion:105 Resp: 420885

Ion	Ratio	Lower	Upper
105	100		
120	48.6	43.9	65.9

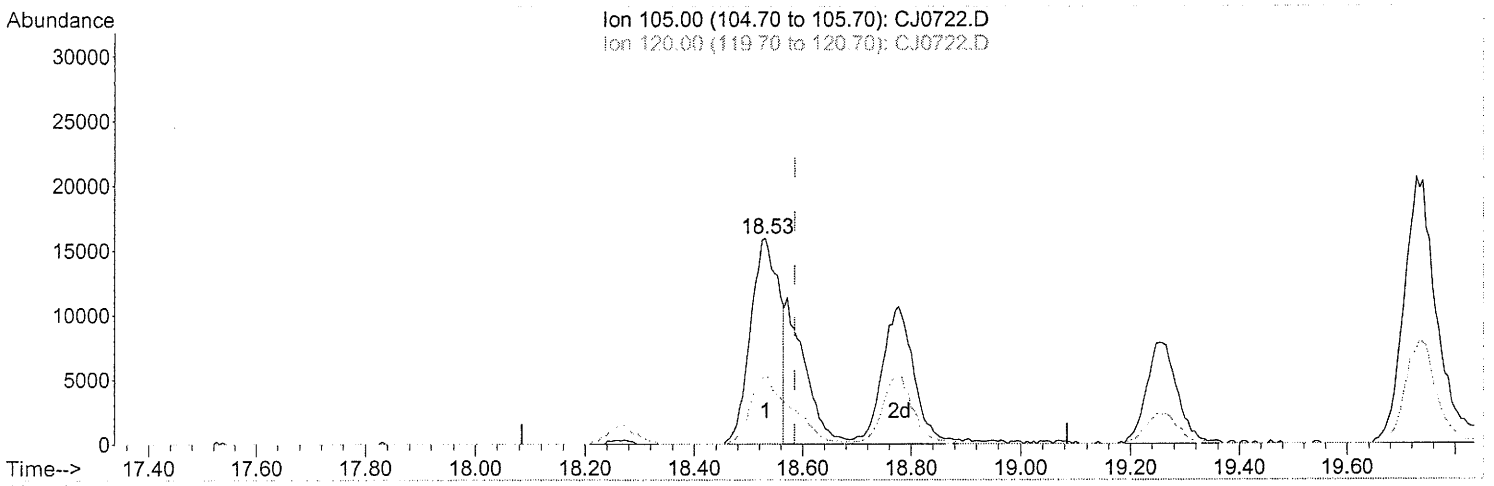


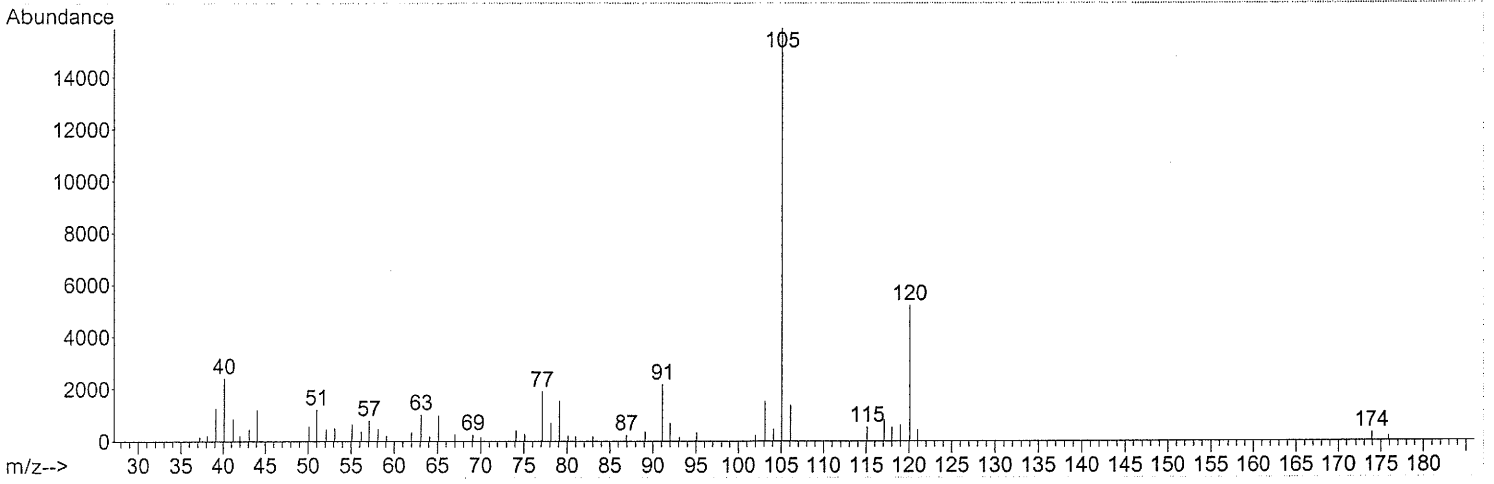
0112

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT28\
Data File : CJ0722.D
Acq On : 29 Oct 2005 00:42
Operator : JBS
Sample : 4628494 500CC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Oct 29 00:09:34 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration





TIC: CJ0722.D

(72) 4-Ethyltoluene

18.530min (-0.055) 0.81PPB m

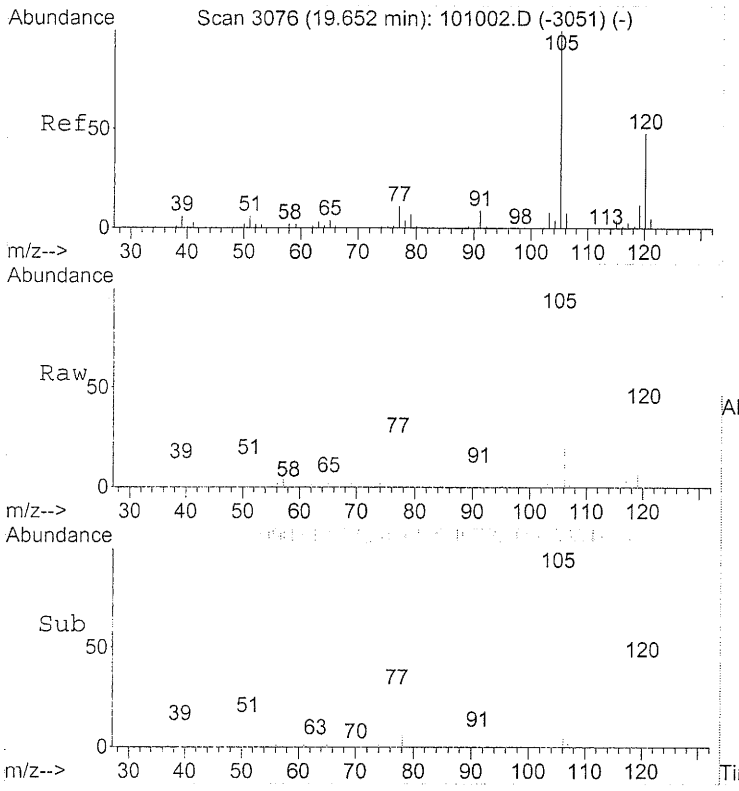
response 551566

Ion	Exp%	Act%
105.00	100	100
120.00	33.80	50.38#
0.00	0.00	0.00
0.00	0.00	0.00

removed shoulder
ADG 11/3/05

CMR/412
11/12/05

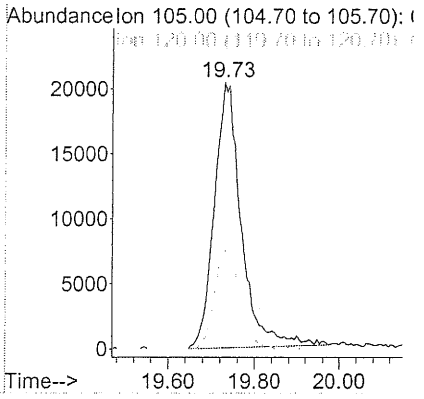
0113

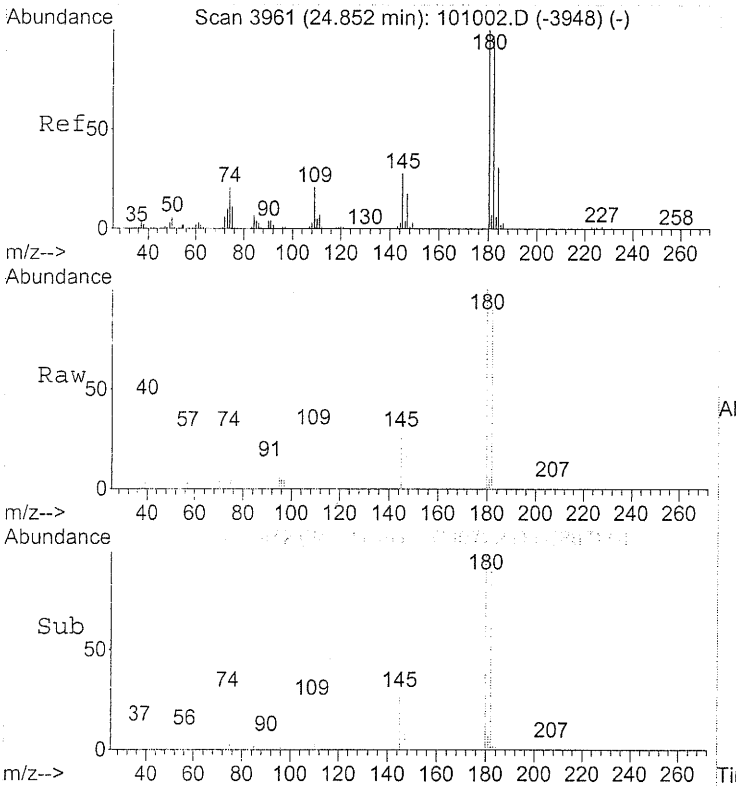


#75
1,2,4-Trimethylbenzene
Concen: 1.52 PPB
RT: 19.74 min Scan# 3090
Delta R.T. 0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion:105 Resp: 880088

Ion	Ratio	Lower	Upper
105	100		
120	35.8	42.3	63.5#

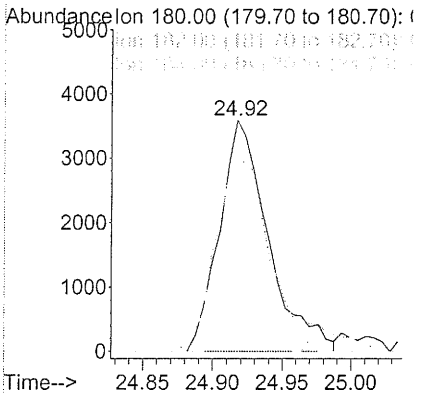




#81
1,2,4-Trichlorobenzene
Concen: 0.62 PPB m
RT: 24.92 min Scan# 3972
Delta R.T. 0.00 min
Lab File: CJ0722.D
Acq: 29 Oct 2005 00:42

Tgt Ion:180 Resp: 86830

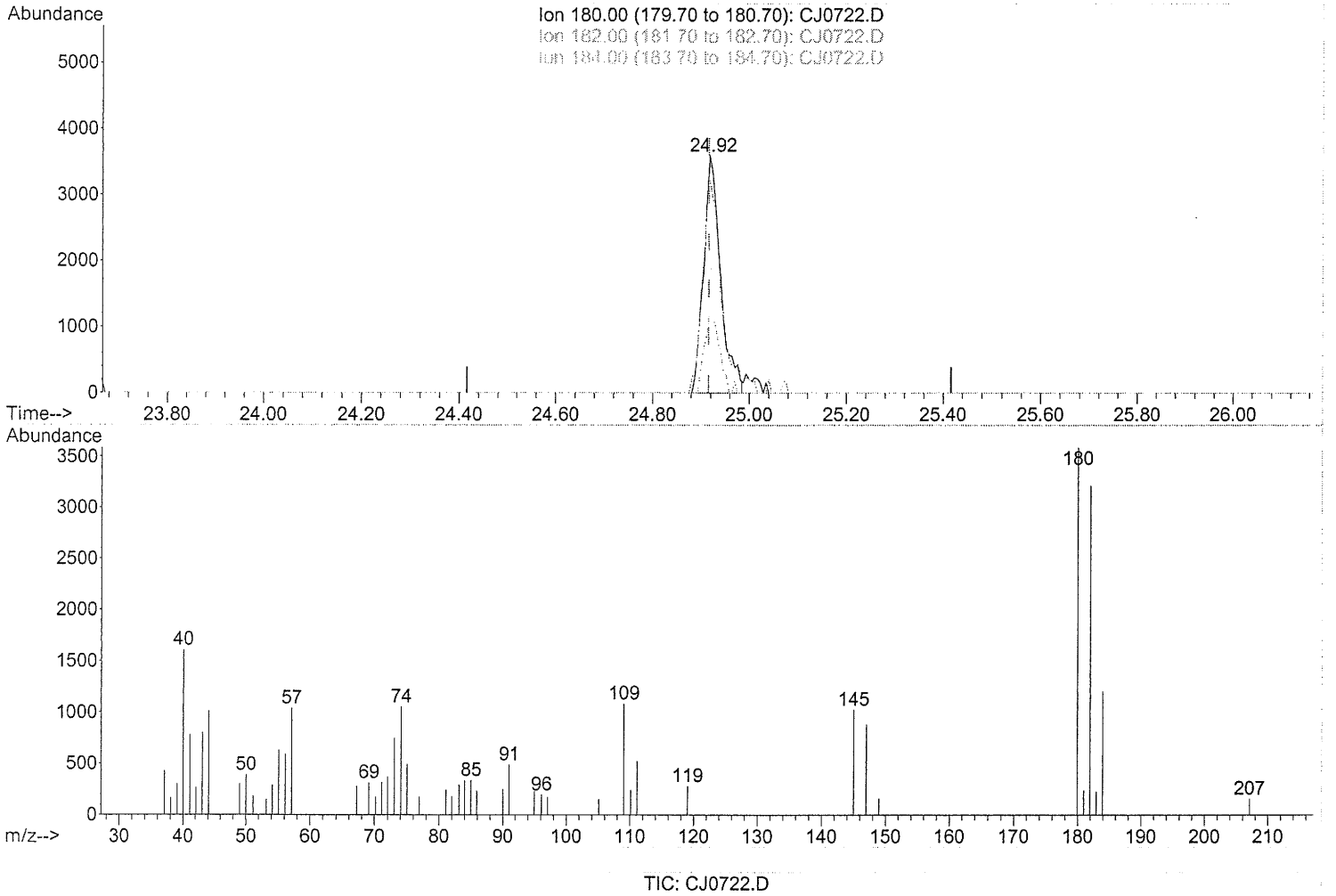
Ion	Ratio	Lower	Upper
180	100		
182	101.6	76.8	115.2
184	0.0	25.4	38.2#



Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT28\
Data File : CJ0722.D
Acq On : 29 Oct 2005 00:42
Operator : JBS
Sample : 4628494 500CC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Oct 29 00:09:34 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration



TIC: CJ0722.D

(81) 1,2,4-Trichlorobenzene

24.917min (+0.001) 0.62PPB m

response 86830

Ion	Exp%	Act%
180.00	100	100
182.00	96.00	101.63
184.00	31.80	0.00#
0.00	0.00	0.00

split peak
10/31/05

CMR1412
11/12/05

0115

Standards Data

Theoretical Standard Concentrations for EPA Method TO-15.

Compound Name	Cas No	VSTD001	VSTD002	VSTD005	VSTD010	VSTD025
Bromochloromethane	74-97-5	10.00	10.00	10.00	10.00	10.00
Propene	115-07-1	1.01	2.01	5.03	10.05	25.13
Dichlorodifluoromethane	75-71-8	1.01	2.01	5.03	10.05	25.13
Chlorodifluoromethane	75-45-6	1.00	2.00	5.00	10.00	25.00
Freon 114	76-14-2	1.00	2.00	5.00	10.00	25.00
Chloromethane	74-87-3	1.00	2.00	5.00	10.00	25.00
Vinyl Chloride	75-01-4	1.00	2.00	5.00	10.00	25.00
1,3-Butadiene	106-99-0	1.01	2.01	5.03	10.05	25.13
Bromomethane	74-83-9	1.00	2.00	5.00	10.00	25.00
Chloroethane	75-00-3	1.00	2.00	5.00	10.00	25.00
Dichlorofluoromethane	75-43-4	1.01	2.01	5.03	10.05	25.13
Trichlorofluoromethane	75-69-4	1.00	2.00	5.00	10.00	25.00
Pentane	109-66-0	1.05	2.10	5.25	10.50	26.25
Acrolein	107-02-8	1.07	2.14	5.35	10.70	26.75
1,1-Dichloroethene	75-35-4	1.00	2.00	5.00	10.00	25.00
Freon 113	76-13-1	1.00	2.00	5.00	10.00	25.00
Acetone	67-64-1	1.07	2.13	5.33	10.65	26.63
Methyl Iodide	74-88-4	1.05	2.10	5.25	10.50	26.25
Carbon Disulfide	75-15-0	1.09	2.17	5.43	10.85	27.13
Acetonitrile	75-05-8	1.07	2.13	5.33	10.65	26.63
3-Chloropropene	107-05-1	1.00	2.00	5.00	10.00	25.00
Methylene Chloride	75-09-2	1.00	2.00	5.00	10.00	25.00
tert-Butyl Alcohol	75-65-0	1.06	2.11	5.28	10.55	26.38
Acrylonitrile	107-13-1	1.07	2.13	5.33	10.65	26.63
trans-1,2-Dichloroethene	156-60-5	1.05	2.10	5.25	10.50	26.25
Methyl t-Butyl Ether	1634-04-4	1.05	2.10	5.25	10.50	26.25
Hexane	110-54-3	1.06	2.12	5.30	10.60	26.50
1,1-Dichloroethane	75-34-3	0.95	1.90	4.75	9.50	23.75
Vinyl Acetate	108-05-4	1.05	2.09	5.23	10.45	26.13
cis-1,2-Dichloroethene	156-59-2	0.95	1.90	4.75	9.50	23.75
2-Butanone	78-93-3	1.05	2.10	5.25	10.50	26.25
Ethyl Acetate	141-78-6	1.06	2.12	5.30	10.60	26.50
Methyl Acrylate	96-33-3	1.05	2.10	5.25	10.50	26.25
Chloroform	67-66-3	1.00	2.00	5.00	10.00	25.00
1,1,1-Trichloroethane	71-55-6	1.00	2.00	5.00	10.00	25.00
Carbon Tetrachloride	56-23-5	0.95	1.90	4.75	9.50	23.75
1,4-Difluorobenzene	540-36-3	10.00	10.00	10.00	10.00	10.00
1,2-Dichloroethane	107-06-2	1.00	2.00	5.00	10.00	25.00
Benzene	71-43-2	1.00	2.00	5.00	10.00	25.00
Isooctane	540-84-1	1.05	2.10	5.25	10.50	26.25
Heptane	142-82-5	1.06	2.12	5.30	10.60	26.50
Trichloroethene	79-01-6	1.00	2.00	5.00	10.00	25.00
Ethyl Acrylate	140-88-5	1.06	2.12	5.30	10.60	26.50
1,2-Dichloropropane	78-87-5	1.00	2.00	5.00	10.00	25.00
Methyl Methacrylate	80-62-6	1.07	2.13	5.33	10.65	26.63

Theoretical Standard Concentrations for EPA Method TO-15.

Compound Name	Cas No	VSTD001	VSTD002	VSTD005	VSTD010	VSTD025
Dibromomethane	74-95-3	1.07	2.13	5.33	10.65	26.63
1,4-Dioxane	123-91-1	1.07	2.13	5.33	10.65	26.63
Bromodichloromethane	75-27-4	1.06	2.12	5.30	10.60	26.50
cis-1,3-Dichloropropene	10061-01-5	0.90	1.80	4.50	9.00	22.50
4-Methyl-2-Pentanone	108-10-1	1.05	2.10	5.25	10.50	26.25
Chlorobenzene d5	3114-55-4	10.00	10.00	10.00	10.00	10.00
Toluene	108-88-3	1.00	2.00	5.00	10.00	25.00
Octane	111-65-9	1.04	2.08	5.20	10.40	26.00
trans-1,3-Dichloropropene	10061-02-6	0.90	1.80	4.50	9.00	22.50
Ethyl Methacrylate	97-63-2	1.00	1.99	4.98	9.95	24.88
1,1,2-Trichloroethane	79-00-5	0.95	1.90	4.75	9.50	23.75
Tetrachloroethene	127-18-4	1.00	2.00	5.00	10.00	25.00
2-Hexanone	591-78-6	1.05	2.10	5.25	10.50	26.25
Dibromochloromethane	124-48-1	1.00	1.99	4.98	9.95	24.88
1,2-Dibromoethane	106-93-4	1.00	2.00	5.00	10.00	25.00
Chlorobenzene	108-90-7	1.00	2.00	5.00	10.00	25.00
1,1,1,2-Tetrachloroethane	630-20-6	0.95	1.90	4.75	9.50	23.75
Ethylbenzene	100-41-4	1.00	2.00	5.00	10.00	25.00
m/p-Xylene	1330-20-7	1.95	3.90	9.75	19.50	48.75
o-Xylene	95-47-6	1.00	2.00	5.00	10.00	25.00
Styrene	100-42-5	1.00	2.00	5.00	10.00	25.00
Bromoform	75-25-2	1.06	2.11	5.28	10.55	26.38
Cumene	98-82-8	1.05	2.10	5.25	10.50	26.25
1,1,2,2-Tetrachloroethane	79-34-5	1.05	2.10	5.25	10.50	26.25
1,2,3-Trichloropropane	96-18-4	1.05	2.10	5.25	10.50	26.25
Bromobenzene	108-86-1	1.06	2.12	5.30	10.60	26.50
4-Ethyltoluene	622-96-8	0.95	1.90	4.75	9.50	23.75
1,3,5-Trimethylbenzene	108-67-8	1.00	2.00	5.00	10.00	25.00
Alpha Methyl Styrene	611-15-1	1.05	2.10	5.25	10.50	26.25
1,2,4-Trimethylbenzene	95-63-6	0.95	1.90	4.75	9.50	23.75
1,3-Dichlorobenzene	541-73-1	1.00	2.00	5.00	10.00	25.00
1,4-Dichlorobenzene	106-46-7	1.00	2.00	5.00	10.00	25.00
Benzyl chloride	100-44-7	1.00	2.00	5.00	10.00	25.00
1,2-Dichlorobenzene	95-50-1	1.00	2.00	5.00	10.00	25.00
Hexachloroethane	67-72-1	1.06	2.12	5.30	10.60	26.50
1,2,4-Trichlorobenzene	120-82-1	1.00	2.00	5.00	10.00	25.00
Hexachlorobutadiene	87-68-3	0.95	1.90	4.75	9.50	23.75

0118

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR

INITIAL CALIBRATION DATA SHEET

Instrument ID: HP09464 Data File Path: C:\MSDCHEM\1\DATA\OCT27

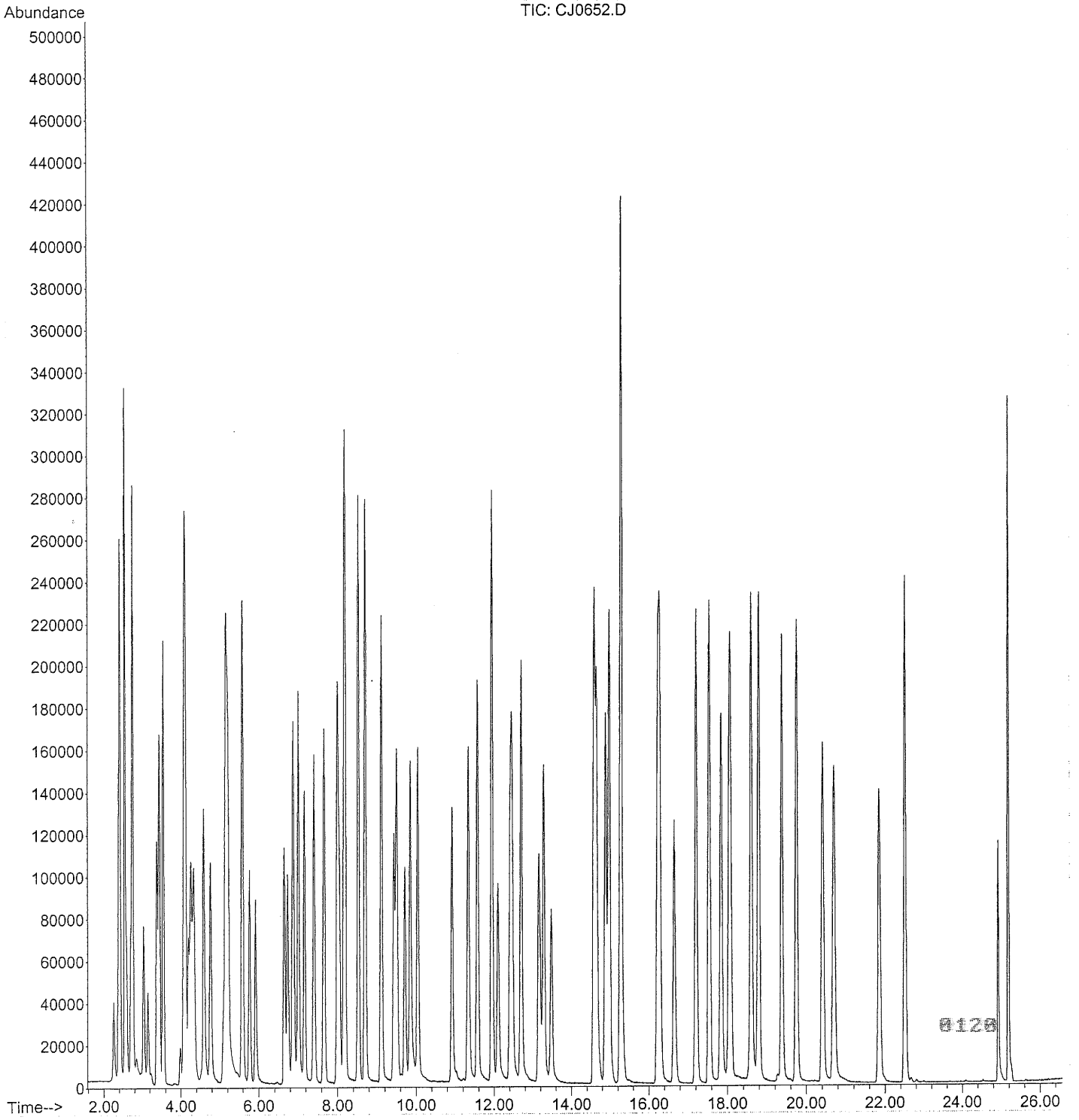
STANDARD	CAL 1	CAL 2	CAL 3	CAL 4	CAL 5		
EPA SAMPLE NO.	VSTD001	VSTD002	VSTD005	VSTD010	VSTD025		
LAB FILE ID	\CJ0658.D	\CJ0654.D	\CJ0653.D	\CJ0652.D	\CJ0657.D		
DATE INJECTED	10/27/05	10/27/05	10/27/05	10/27/05	10/27/05		
TIME INJECTED	11:47	09:13	08:35	07:58	11:06		
	Relative Response Factor (RRF)						
COMPOUND NAME	CAL 1	CAL 2	CAL 3	CAL 4	CAL 5	MEAN	% RSD
Dichlorodifluoromethane	3.797	2.920	2.677	2.308	2.936	2.928	19
Freon 114	4.303	3.322	3.038	2.643	3.317	3.324	18
Chloromethane	2.418	1.891	1.720	1.478	1.900	1.882	18
Vinyl Chloride	1.685	1.313	1.208	1.054	1.341	1.320	18
Bromomethane	1.232	1.015	0.919	0.833	1.007	1.001	15
Chloroethane	0.756	0.683	0.611	0.546	0.678	0.655	12
Trichlorofluoromethane	3.556	2.922	2.670	2.304	2.891	2.869	16
1,1-Dichloroethene	2.371	2.107	1.971	1.694	2.148	2.058	12
Freon 113	1.506	1.445	1.330	1.174	1.434	1.378	9
3-Chloropropene	0.612	0.595	0.469	0.414	0.506	0.519	16
Methylene Chloride	0.920	0.858	0.803	0.723	0.895	0.840	9
1,1-Dichloroethane	2.540	2.387	2.228	1.997	2.478	2.326	9
cis-1,2-Dichloroethene	1.740	1.664	1.539	1.419	1.821	1.637	10
Chloroform	2.306	2.234	2.016	1.806	2.292	2.131	10
1,1,1-Trichloroethane	2.339	2.266	2.105	1.874	2.346	2.186	9
Carbon Tetrachloride	2.497	2.514	2.308	2.033	2.526	2.376	9
1,2-Dichloroethane	0.452	0.376	0.358	0.332	0.492	0.402	17
Benzene	0.900	0.802	0.747	0.676	0.961	0.817	14
Trichloroethene	0.558	0.451	0.410	0.339	0.478	0.447	18
1,2-Dichloropropane	0.410	0.359	0.340	0.297	0.426	0.366	14
cis-1,3-Dichloropropene	0.489	0.447	0.431	0.390	0.580	0.468	15
Toluene	1.042	1.226	1.100	0.874	1.126	1.074	12
trans-1,3-Dichloropropene	0.407	0.395	0.418	0.361	0.506	0.417	13
1,1,2-Trichloroethane	0.454	0.434	0.400	0.299	0.382	0.394	15
Tetrachloroethene	0.566	0.565	0.484	0.373	0.480	0.494	16
1,2-Dibromoethane	0.581	0.550	0.508	0.463	0.616	0.543	11
Chlorobenzene	0.980	0.920	0.846	0.729	0.954	0.886	11
Ethylbenzene	1.500	1.568	1.497	1.265	1.684	1.503	10
m/p-Xylene	1.215	1.250	1.200	1.022	1.374	1.212	10
o-Xylene	1.159	1.225	1.159	0.990	1.346	1.176	11
Styrene	0.808	0.880	0.825	0.733	1.012	0.852	12
1,1,2,2-Tetrachloroethane	0.543	0.500	0.530	0.478	0.678	0.546	14
4-Ethyltoluene	1.537	1.573	1.574	1.331	1.924	1.588	13
1,3,5-Trimethylbenzene	1.476	1.330	1.328	1.091	1.587	1.362	14
1,2,4-Trimethylbenzene	1.409	1.285	1.325	1.109	1.606	1.347	13
1,3-Dichlorobenzene	0.865	0.695	0.746	0.627	0.922	0.771	16
1,4-Dichlorobenzene	0.815	0.680	0.715	0.592	0.890	0.738	16
1,2-Dichlorobenzene	0.944	0.712	0.681	0.554	0.788	0.736	20
1,2,4-Trichlorobenzene		0.225	0.251	0.200	0.322	0.250	21

6119

Quantitation Report (Not Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0652.D
Acq On : 27 Oct 2005 7:58
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 27 09:30:56 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0652.D
Acq On : 27 Oct 2005 7:58
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 27 09:30:56 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.01	130	838998	10.000			0.00
37) 1,4-Difluorobenzene	8.70	114	3345664	10.000			0.00
51) Chlorobenzene d5	14.59	117	2751751	10.000			0.00
Target Compounds							Qvalue
2) Propene	2.39	41	899344	13.852	PPB		96
3) Dichlorodifluoromethane	2.42	85	1945691	13.021	PPB		99
4) Chlorodifluoromethane	2.43	51	1628575	13.407	PPB		96
5) Freon 114	2.54	85	2217428	12.915	PPB	#	81
6) Chloromethane	2.59	50	1240161	13.606	PPB		96
7) Vinyl Chloride	2.70	62	884548	13.036	PPB		98
8) 1,3-Butadiene	2.74	54	1632019	13.962	PPB		96
9) Bromomethane	3.04	94	698493	13.216	PPB		95
10) Chloroethane	3.15	64	457935	12.856	PPB		97
11) Dichlorofluoromethane	3.39	67	1587167	13.013	PPB		98
12) Trichlorofluoromethane	3.44	101	1933239	12.800	PPB		100
13) Pentane	3.55	43	2118594	14.369	PPB		98
14) Acrolein	3.99	56	278327	15.424	PPB		94
15) 1,1-Dichloroethene	4.09	61	1421085	12.925	PPB	#	87
16) Freon 113	4.12	103	984952	12.735	PPB		93
17) Acetone	4.21	43	1561923	11.893	PPB		99
18) Methyl Iodide	4.27	142	1748017	13.428	PPB		100
19) Carbon Disulfide	4.35	76	2052125	14.068	PPB	#	91
20) Acetonitrile	4.60	41	1694232	14.481	PPB		95
21) 3-Chloropropene	4.60	76	347067	11.809	PPB		85
22) Methylene Chloride	4.77	84	606425	9.574	PPB	#	77
23) tert-Butyl Alcohol	5.12	59	1816260	13.943	PPB	#	100
24) Acrylonitrile	5.15	53	1053737	14.900	PPB		99
25) trans-1,2-Dichloroethene	5.16	61	1218909	14.064	PPB	#	77
26) Methyl t-Butyl Ether	5.21	73	2159096	13.813	PPB	#	85
27) Hexane	5.59	57	1693243	12.987	PPB	#	86
28) 1,1-Dichloroethane	5.77	63	1591337	12.220	PPB		99
29) Vinyl Acetate	5.92	43	2271652	17.351	PPB	#	94
30) cis-1,2-Dichloroethene	6.65	61	1131326	12.483	PPB	#	77
31) 2-Butanone	6.74	72	359256	13.183	PPB	#	100
32) Ethyl Acetate	6.87	70	171658	13.385	PPB	#	100
33) Methyl Acrylate	6.90	55	1718293	14.587	PPB	#	94
34) Chloroform	7.17	83	1515320	12.758	PPB		96
35) 1,1,1-Trichloroethane	7.41	97	1571954	13.002	PPB		94
36) Carbon Tetrachloride	7.67	117	1620188	12.311	PPB		100
38) 1,2-Dichloroethane	8.05	62	1112412	13.787	PPB		99
39) Benzene	8.00	78	2261134	12.828	PPB		96
40) Isooctane	8.18	57	5283084	14.153	PPB	#	95
41) Heptane	8.53	43	2335529	14.981	PPB	#	92
42) Trichloroethene	9.12	130	1134795	12.457	PPB	#	88
43) Ethyl Acrylate	9.44	55	2322802	14.270	PPB	#	91
44) 1,2-Dichloropropane	9.51	63	993304	12.553	PPB		97
45) Methyl Methacrylate	9.85	69	767128	13.126	PPB	#	80
46) Dibromomethane	9.72	174	661425	13.909	PPB	#	78
47) 1,4-Dioxane	9.88	88	240566	7.760	PPB	#	1
48) Bromodichloromethane	10.05	83	1626480	13.855	PPB	#	92

0121

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0652.D
Acq On : 27 Oct 2005 7:58
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 27 09:30:56 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration

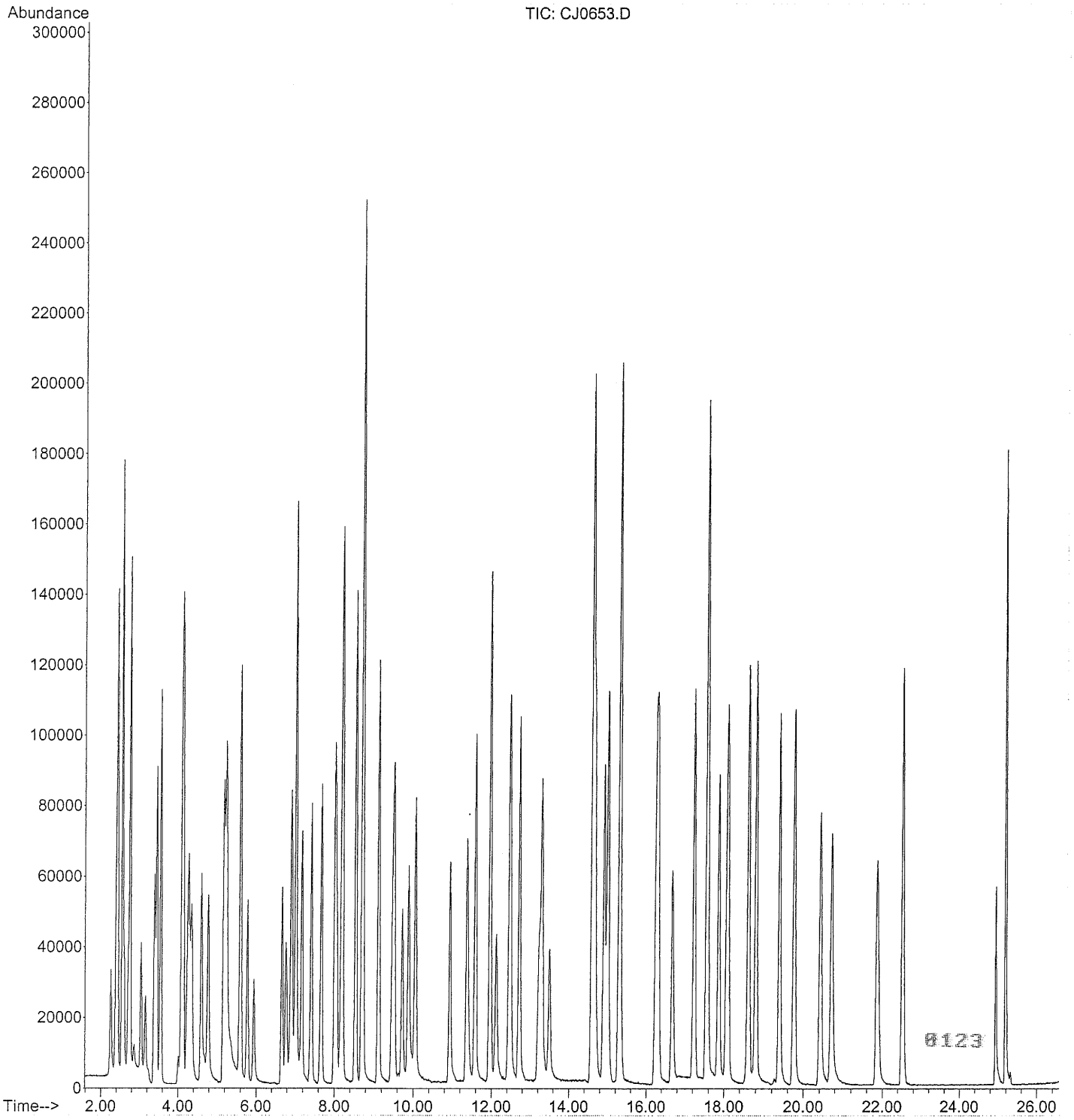
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) cis-1,3-Dichloropropene	10.93	75	1174874	11.729	PPB	#	71
50) 4-Methyl-2-Pentanone	11.33	43	2641430	12.204	PPB	#	96
52) Toluene	11.57	91	2404832	11.917	PPB		97
53) Octane	11.94	43	2983990	13.325	PPB	#	89
54) trans-1,3-Dichloropropene	12.10	75	893009	12.047	PPB		88
55) Ethyl Methacrylate	12.42	69	1172777	11.570	PPB	#	79
56) 1,1,2-Trichloroethane	12.46	97	780338	11.115	PPB		85
57) Tetrachloroethene	12.70	166	1026723	11.923	PPB		98
58) 2-Hexanone	13.16	43	2292001	11.333	PPB	#	74
59) Dibromochloromethane	13.28	127	1270854	13.243	PPB		99
60) 1,2-Dibromoethane	13.48	107	1274087	13.283	PPB		98
61) Chlorobenzene	14.65	112	2006277	12.867	PPB	#	85
62) 1,1,1,2-Tetrachloroethane	14.89	131	1146042	12.239	PPB		98
63) Ethylbenzene	14.98	91	3481941	13.168	PPB		93
64) m/p-Xylene	15.28	91	5484720	25.707	PPB		91
65) o-Xylene	16.23	91	2723080	13.325	PPB		90
66) Styrene	16.28	104	2017291	13.614	PPB	#	100
67) Bromoform	16.65	173	1339226	14.330	PPB		97
68) Cumene	17.21	105	3392516	14.812	PPB		94
69) 1,1,2,2-Tetrachloroethane	18.04	83	1380475	13.916	PPB		96
70) 1,2,3-Trichloropropane	18.07	110	486070	14.100	PPB	#	65
71) Bromobenzene	17.84	156	1041536	14.648	PPB		99
72) 4-Ethyltoluene	18.60	105	3479136	13.537	PPB		92
73) 1,3,5-Trimethylbenzene	18.79	105	3001578	13.718	PPB		90
74) Alpha Methyl Styrene	19.37	118	1454491	14.243	PPB	#	94
75) 1,2,4-Trimethylbenzene	19.75	105	2899380	12.963	PPB		89
76) 1,3-Dichlorobenzene	20.41	146	1726062	13.874	PPB		96
77) 1,4-Dichlorobenzene	20.70	146	1628337	13.372	PPB		96
78) Benzyl Chloride	16.23	91	2723080	13.325	PPB	#	100
79) 1,2-Dichlorobenzene	21.85	146	1524163	13.236	PPB		96
80) Hexachloroethane	22.51	117	1164521	13.990	PPB		97
81) 1,2,4-Trichlorobenzene	24.92	180	551388	11.036	PPB		97
82) Hexachlorobutadiene	25.18	225	830677	11.617	PPB		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0122

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0653.D
Acq On : 27 Oct 2005 8:35
Operator : JBS
Sample : VSTD005
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 27 13:02:40 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 12:54:28 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0653.D
Acq On : 27 Oct 2005 8:35
Operator : JBS
Sample : VSTD005
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 27 13:02:40 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 12:54:28 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.02	130	772479	10.000			0.00
37) 1,4-Difluorobenzene	8.71	114	3124266	10.000			0.00
51) Chlorobenzene d5	14.60	117	2342017	10.000			0.01
Target Compounds							Qvalue
2) Propene	2.39	41	489592	4.599	PPB		96
3) Dichlorodifluoromethane	2.42	85	1039144	4.596	PPB		98
4) Chlorodifluoromethane	2.43	51	878350	4.590	PPB		94
5) Freon 114	2.54	85	1173292	4.570	PPB	#	81
6) Chloromethane	2.59	50	664385	4.577	PPB		97
7) Vinyl Chloride	2.70	62	466436	4.575	PPB		98
8) 1,3-Butadiene	2.75	54	847194	4.641	PPB		97
9) Bromomethane	3.04	94	354895	4.590	PPB		97
10) Chloroethane	3.16	64	236053	4.667	PPB		99
11) Dichlorofluoromethane	3.39	67	823157	4.757	PPB		98
12) Trichlorofluoromethane	3.44	101	1031326	4.655	PPB		99
13) Pentane	3.55	43	1122702	4.968	PPB		97
14) Acrolein	4.01	56	123515	4.979	PPB		95
15) 1,1-Dichloroethene	4.09	61	761333	4.789	PPB	#	87
16) Freon 113	4.12	103	513701	4.827	PPB		93
17) Acetone	4.23	43	789628	5.082	PPB		97
18) Methyl Iodide	4.27	142	917690	5.000	PPB		99
19) Carbon Disulfide	4.35	76	1055303	5.031	PPB	#	91
20) Acetonitrile	4.60	41	820519	5.163	PPB		97
21) 3-Chloropropene	4.60	76	181155	4.516	PPB		83
22) Methylene Chloride	4.77	84	310285	4.786	PPB	#	77
23) tert-Butyl Alcohol	5.24	59	739781	4.123	PPB	#	100
24) Acrylonitrile	5.17	53	528570	5.127	PPB		93
25) trans-1,2-Dichloroethene	5.17	61	609316	4.999	PPB	#	79
26) Methyl t-Butyl Ether	5.23	73	1091585	5.047	PPB	#	86
27) Hexane	5.59	57	872018	5.032	PPB	#	86
28) 1,1-Dichloroethane	5.78	63	817696	4.552	PPB		99
29) Vinyl Acetate	5.93	43	827182	4.525	PPB	#	94
30) cis-1,2-Dichloroethene	6.66	61	564698	4.477	PPB	#	80
31) 2-Butanone	6.77	72	176358	5.160	PPB	#	100
32) Ethyl Acetate	6.90	70	81100	5.288	PPB	#	100
33) Methyl Acrylate	6.91	55	813663	4.977	PPB	#	94
34) Chloroform	7.17	83	778636	4.732	PPB		97
35) 1,1,1-Trichloroethane	7.41	97	813112	4.816	PPB		93
36) Carbon Tetrachloride	7.67	117	846772	4.628	PPB		100
38) 1,2-Dichloroethane	8.05	62	559592	4.453	PPB		100
39) Benzene	8.01	78	1167404	4.573	PPB	#	95
40) Isooctane	8.19	57	2712511	4.800	PPB	#	96
41) Heptane	8.53	43	1185142	4.698	PPB	#	93
42) Trichloroethene	9.12	130	640146	4.581	PPB	#	89
43) Ethyl Acrylate	9.47	55	1080012	4.769	PPB	#	84
44) 1,2-Dichloropropane	9.51	63	530849	4.639	PPB		94
45) Methyl Methacrylate	9.88	69	388970	5.032	PPB	#	85
46) Dibromomethane	9.72	174	340757	4.897	PPB	#	80
47) 1,4-Dioxane	9.96	88	155284	4.547	PPB	#	21
48) Bromodichloromethane	10.05	83	843118	4.796	PPB	#	93

0124

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0653.D
Acq On : 27 Oct 2005 8:35
Operator : JBS
Sample : VSTD005
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 27 13:02:40 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 12:54:28 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) cis-1,3-Dichloropropene	10.93	75	605872	4.148	PPB	#	69
50) 4-Methyl-2-Pentanone	11.37	43	1307857	4.326	PPB	#	95
52) Toluene	11.58	91	1288102	5.120	PPB		100
53) Octane	11.95	43	1601281	5.338	PPB	#	90
54) trans-1,3-Dichloropropene	12.12	75	440670	4.505	PPB		93
55) Ethyl Methacrylate	12.45	69	589088	4.977	PPB	#	80
56) 1,1,2-Trichloroethane	12.48	97	444593	4.818	PPB		87
57) Tetrachloroethene	12.71	166	566474	4.899	PPB		98
58) 2-Hexanone	13.23	43	1111009	4.927	PPB	#	80
59) Dibromochloromethane	13.29	127	611626	4.714	PPB		99
60) 1,2-Dibromoethane	13.50	107	594994	4.672	PPB		99
61) Chlorobenzene	14.66	112	990206	4.770	PPB	#	82
62) 1,1,1,2-Tetrachloroethane	14.90	131	592309	4.697	PPB		98
63) Ethylbenzene	14.99	91	1753256	4.978	PPB		92
64) m/p-Xylene	15.30	91	2739470	9.643	PPB		91
65) o-Xylene	16.25	91	1357639	4.931	PPB		91
66) Styrene	16.30	104	966113	4.836	PPB	#	100
67) Bromoform	16.67	173	654320	4.886	PPB	#	97
68) Cumene	17.22	105	1622301	5.084	PPB	#	93
69) 1,1,2,2-Tetrachloroethane	18.06	83	651725	5.096	PPB		97
70) 1,2,3-Trichloropropane	18.09	110	246163	4.971	PPB	#	61
71) Bromobenzene	17.86	156	507668	4.877	PPB		98
72) 4-Ethyltoluene	18.61	105	1750621	4.706	PPB		92
73) 1,3,5-Trimethylbenzene	18.80	105	1554617	4.870	PPB		90
74) Alpha Methyl Styrene	19.38	118	755902	5.319	PPB	#	94
75) 1,2,4-Trimethylbenzene	19.76	105	1473628	4.670	PPB		89
76) 1,3-Dichlorobenzene	20.42	146	873894	4.841	PPB		96
77) 1,4-Dichlorobenzene	20.71	146	836793	4.830	PPB		95
78) Benzyl Chloride	16.25	91	1357639	4.931	PPB	#	100
79) 1,2-Dichlorobenzene	21.87	146	797342	4.624	PPB		96
80) Hexachloroethane	22.51	117	598632	5.081	PPB		97
81) 1,2,4-Trichlorobenzene	24.93	180	294041	3.915	PPB		98
82) Hexachlorobutadiene	25.19	225	434013	4.159	PPB		97

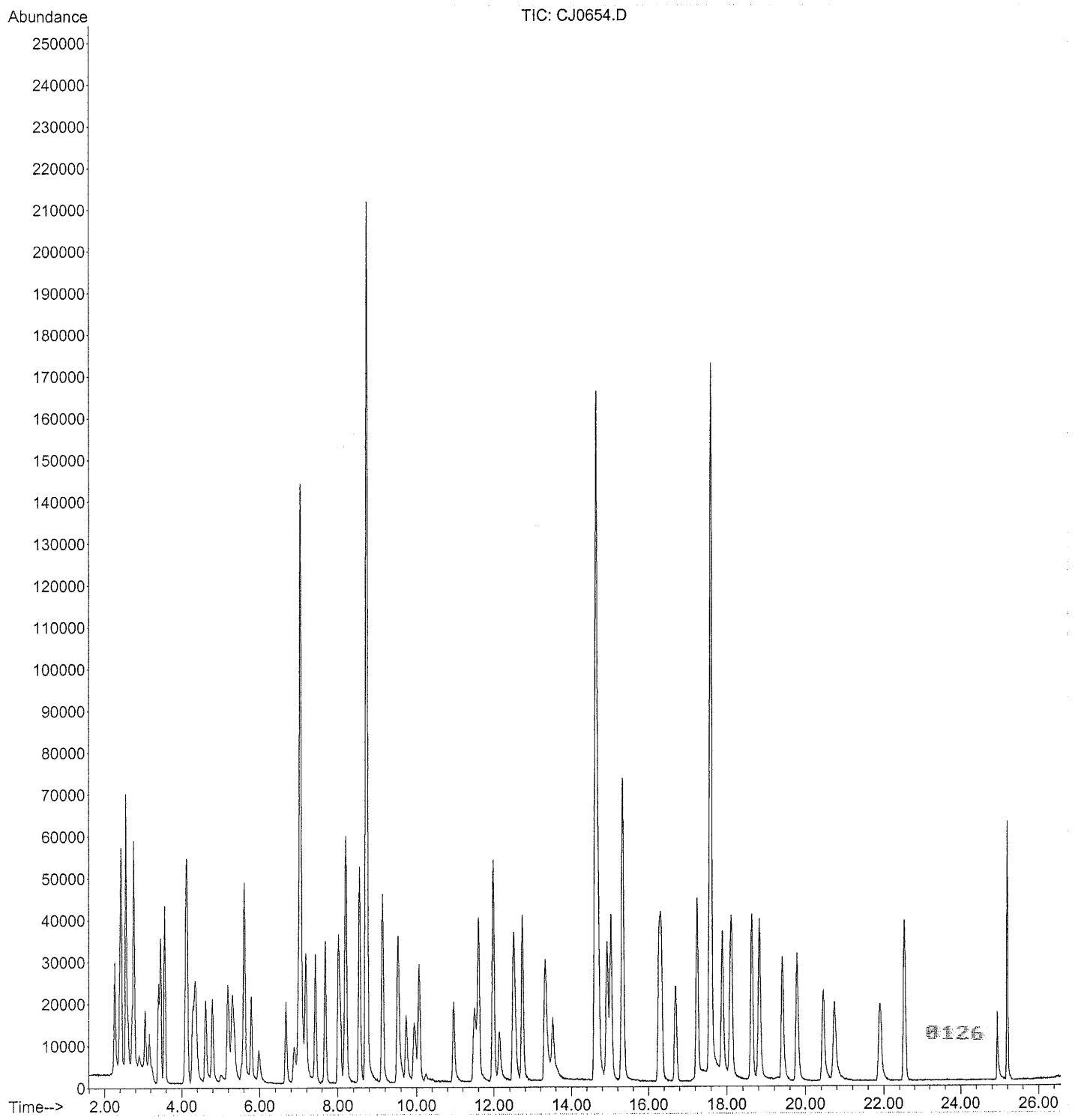
(#) = qualifier out of range (m) = manual integration (+) = signals summed

0125

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0654.D
Acq On : 27 Oct 2005 9:13
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 09:41:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0654.D
Acq On : 27 Oct 2005 9:13
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 09:41:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.03	130	701657	10.000			0.02
37) 1,4-Difluorobenzene	8.72	114	2892749	10.000			0.02
51) Chlorobenzene d5	14.62	117	2099790	10.000			0.03
Target Compounds							Qvalue
2) Propene	2.39	41	195347	3.598	PPB		96
3) Dichlorodifluoromethane	2.42	85	411878	3.296	PPB		100
4) Chlorodifluoromethane	2.44	51	348484	3.430	PPB		95
5) Freon 114	2.55	85	466221	3.247	PPB	#	81
6) Chloromethane	2.60	50	265386	3.481	PPB		97
7) Vinyl Chloride	2.71	62	184248	3.247	PPB		100
8) 1,3-Butadiene	2.75	54	338409	3.462	PPB		95
9) Bromomethane	3.05	94	142403	3.222	PPB		95
10) Chloroethane	3.17	64	95900	3.219	PPB	#	43
11) Dichlorofluoromethane	3.40	67	335851	3.293	PPB	#	89
12) Trichlorofluoromethane	3.45	101	410047	3.246	PPB		97
13) Pentane	3.56	43	440177	3.570	PPB		97
14) Acrolein	4.07	56	41232	2.732	PPB	#	19
15) 1,1-Dichloroethene	4.10	61	295701	3.216	PPB	#	86
16) Freon 113	4.14	103	202832	3.136	PPB		93
17) Acetone	4.33	43	296480m	2.699	PPB		
18) Methyl Iodide	4.28	142	362414	3.329	PPB		99
19) Carbon Disulfide	4.36	76	398470	3.266	PPB		97
20) Acetonitrile	4.62	41	249485	2.550	PPB	#	85
21) 3-Chloropropene	4.62	76	83549m	3.399	PPB		
22) Methylene Chloride	4.79	84	120335	2.272	PPB	#	66
23) tert-Butyl Alcohol	5.55	59	315808m	2.899	PPB		
24) Acrylonitrile	5.21	53	166602	2.817	PPB	#	71
25) trans-1,2-Dichloroethene	5.19	61	220937	3.048	PPB	#	80
26) Methyl t-Butyl Ether	5.31	73	402461	3.079	PPB	#	48
27) Hexane	5.61	57	364279	3.341	PPB	#	90
28) 1,1-Dichloroethane	5.79	63	318287	2.923	PPB		98
29) Vinyl Acetate	5.98	43	242255	2.212	PPB	#	78
30) cis-1,2-Dichloroethene	6.68	61	221805	2.926	PPB	#	77
31) 2-Butanone	6.88	72	54960	2.412	PPB	#	100
32) Ethyl Acetate	6.99	70	24305	2.266	PPB	#	100
33) Methyl Acrylate	6.99	55	257940	2.618	PPB	#	76
34) Chloroform	7.18	83	313535	3.157	PPB		96
35) 1,1,1-Trichloroethane	7.43	97	317921	3.144	PPB		94
36) Carbon Tetrachloride	7.68	117	335210	3.046	PPB		99
38) 1,2-Dichloroethane	8.07	62	217816	3.122	PPB		96
39) Benzene	8.02	78	464135	3.045	PPB		96
40) Isooctane	8.20	57	1040761	3.225	PPB	#	96
41) Heptane	8.55	43	455865	3.382	PPB	#	93
42) Trichloroethene	9.14	130	261013	3.314	PPB	#	90
43) Ethyl Acrylate	9.55	55	347987	2.473	PPB	#	77
44) 1,2-Dichloropropane	9.53	63	207679	3.035	PPB		95
45) Methyl Methacrylate	9.95	69	133326	2.639	PPB	#	73
46) Dibromomethane	9.74	174	137085	3.334	PPB	#	79
47) 1,4-Dioxane	10.26	88	46700m	1.742	PPB		
48) Bromodichloromethane	10.07	83	334451	3.295	PPB	#	94

8127

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0654.D
Acq On : 27 Oct 2005 9:13
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 09:41:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) cis-1,3-Dichloropropene	10.96	75	232765	2.688	PPB	#	75
50) 4-Methyl-2-Pentanone	11.50	43	519191	2.774	PPB	#	90
52) Toluene	11.60	91	514682	3.342	PPB		97
53) Octane	11.98	43	613642	3.591	PPB	#	90
54) trans-1,3-Dichloropropene	12.15	75	149391	2.641	PPB	#	84
55) Ethyl Methacrylate	12.53	69	214565	2.774	PPB	#	80
56) 1,1,2-Trichloroethane	12.50	97	173298	3.235	PPB		84
57) Tetrachloroethene	12.73	166	237244	3.610	PPB		99
58) 2-Hexanone	13.35	43	305195	1.978	PPB	#	97
59) Dibromochloromethane	13.32	127	243654	3.327	PPB		98
60) 1,2-Dibromoethane	13.52	107	230909	3.155	PPB		98
61) Chlorobenzene	14.69	112	386539	3.249	PPB	#	79
62) 1,1,1,2-Tetrachloroethane	14.92	131	228995	3.205	PPB	#	74
63) Ethylbenzene	15.02	91	658644	3.264	PPB		92
64) m/p-Xylene	15.32	91	1023607	6.287	PPB		89
65) o-Xylene	16.27	91	514313	3.298	PPB		90
66) Styrene	16.33	104	369519	3.268	PPB	#	100
67) Bromoform	16.70	173	257217	3.607	PPB		96
68) Cumene	17.25	105	625092	3.577	PPB	#	92
69) 1,1,2,2-Tetrachloroethane	18.08	83	220356	2.911	PPB		94
70) 1,2,3-Trichloropropane	18.12	110	92317	3.509	PPB	#	50
71) Bromobenzene	17.88	156	194554	3.586	PPB		99
72) 4-Ethyltoluene	18.63	105	627447	3.199	PPB		93
73) 1,3,5-Trimethylbenzene	18.82	105	558392	3.344	PPB		94
74) Alpha Methyl Styrene	19.40	118	253161	3.249	PPB	#	91
75) 1,2,4-Trimethylbenzene	19.78	105	512492	3.003	PPB		90
76) 1,3-Dichlorobenzene	20.45	146	292009	3.076	PPB		93
77) 1,4-Dichlorobenzene	20.74	146	285466	3.072	PPB	#	86
78) Benzyl Chloride	16.27	91	514313	3.298	PPB	#	100
79) 1,2-Dichlorobenzene	21.90	146	299161	3.405	PPB		94
80) Hexachloroethane	22.53	117	213633	3.363	PPB		97
81) 1,2,4-Trichlorobenzene	24.94	180	94332	2.474	PPB		99
82) Hexachlorobutadiene	25.19	225	160309	2.938	PPB		97

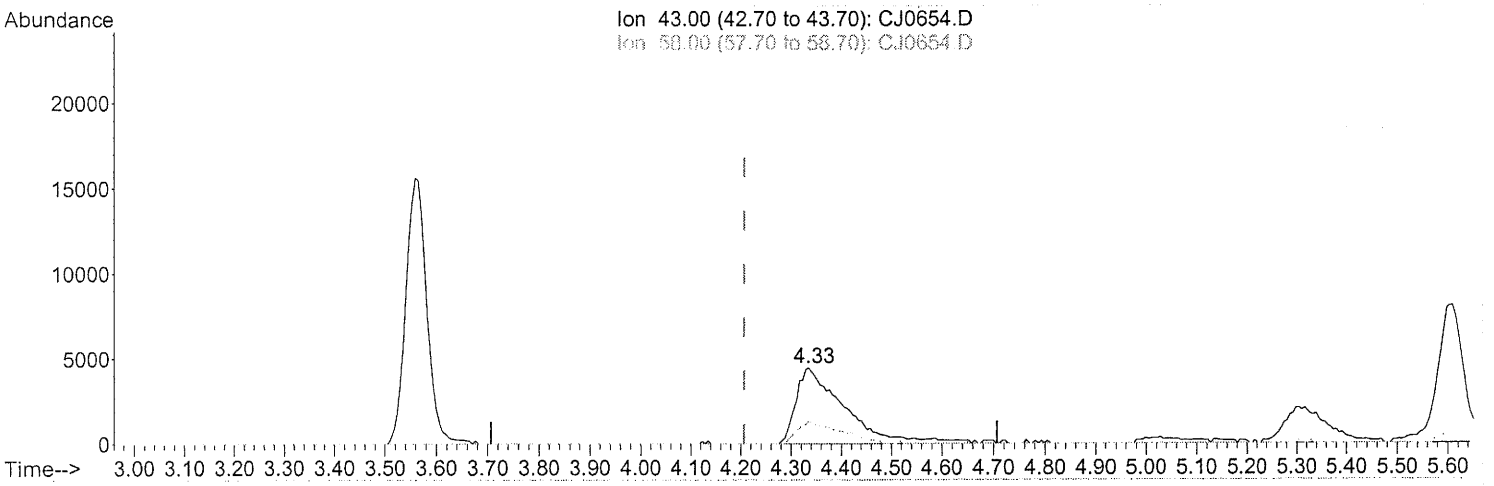
(#) = qualifier out of range (m) = manual integration (+) = signals summed

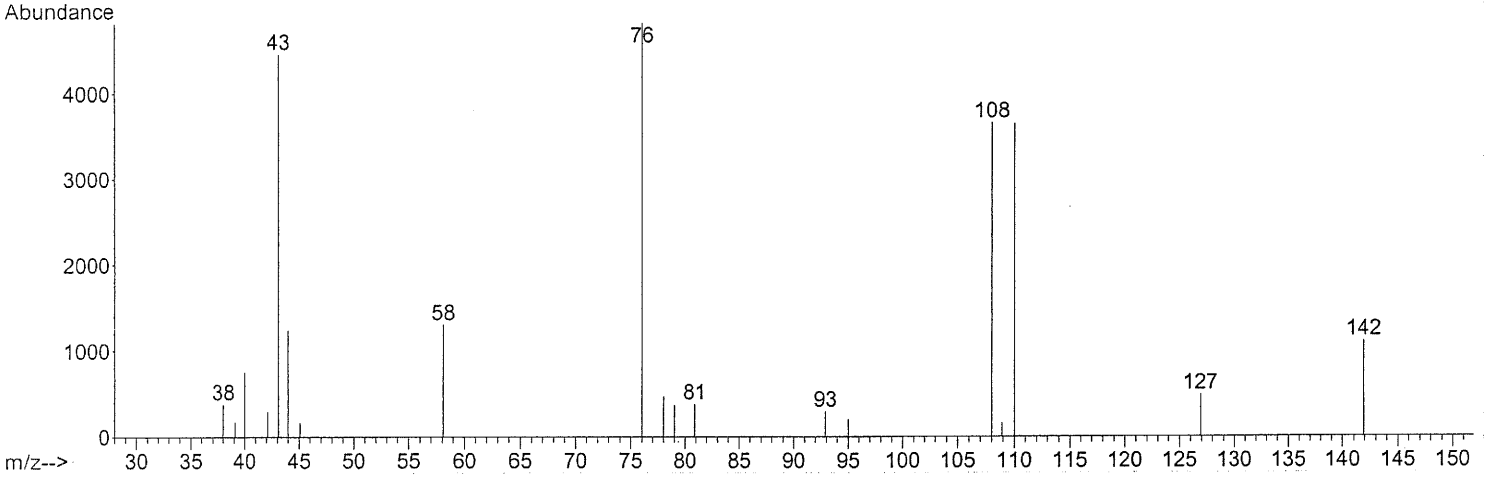
0128

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0654.D
Acq On : 27 Oct 2005 9:13
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 09:41:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration





TIC: CJ0654.D

(17) Acetone

4.335min (+0.128) 2.70PPB m

response 296480

Ion	Exp%	Act%
43.00	100	100
58.00	28.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

first peak
AKA 10/27/05

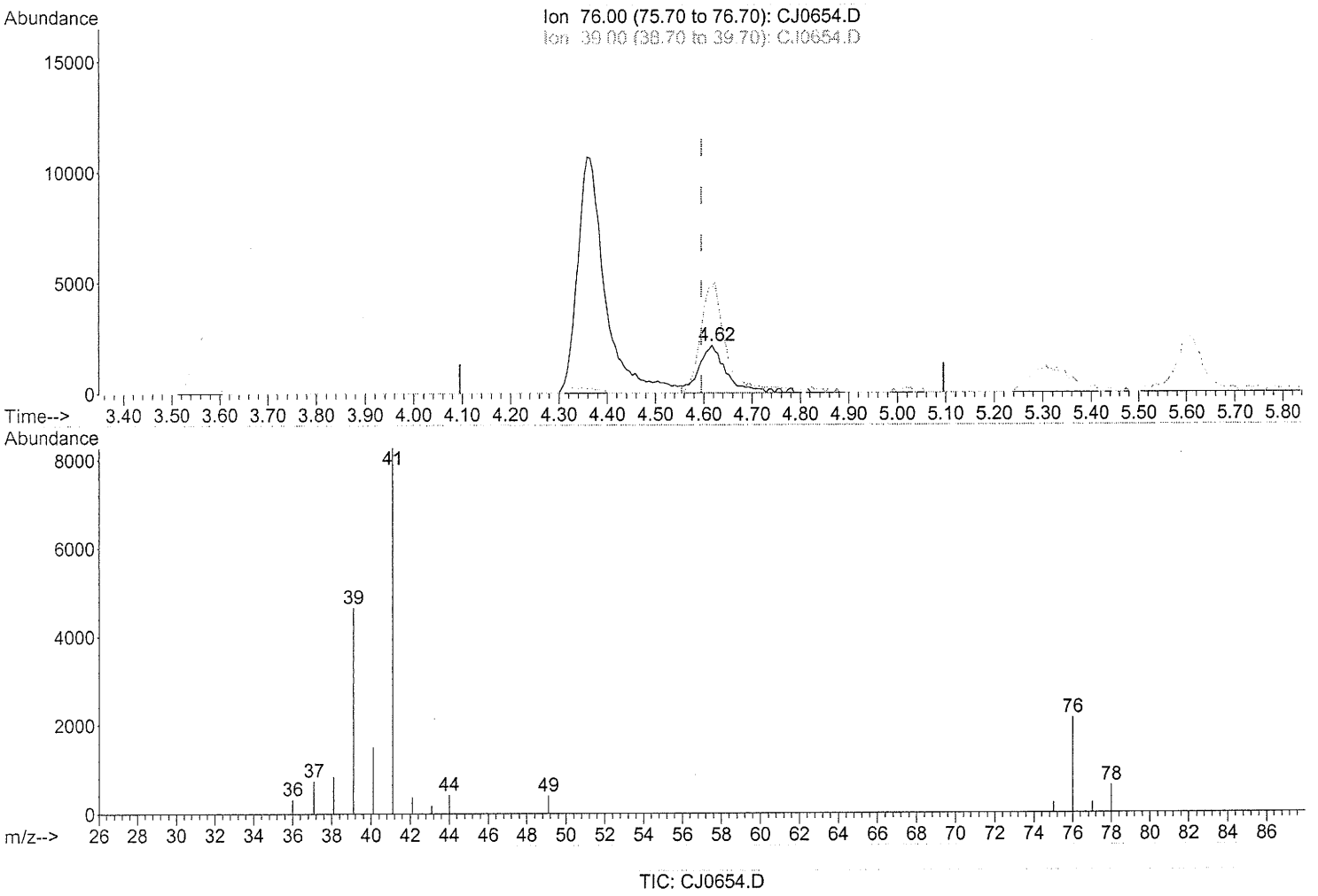
CMR/412
11/1/05

0129

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0654.D
Acq On : 27 Oct 2005 9:13
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 09:41:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration



TIC: CJ0654.D

(21) 3-Chloropropene

4.617min (+0.021) 3.40PPB m

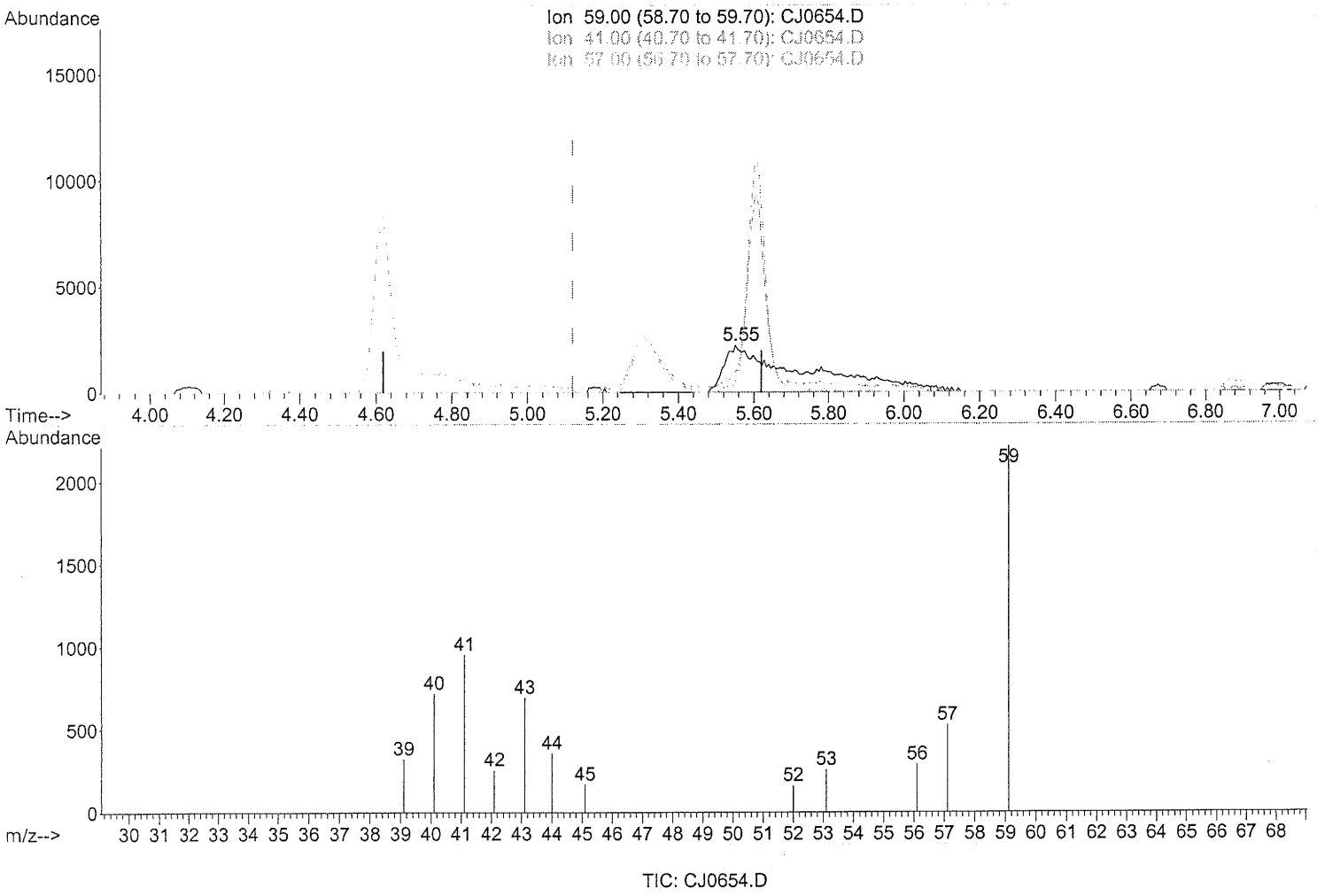
response 83549

Ion	Exp%	Act%
76.00	100	100
39.00	289.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0654.D
Acq On : 27 Oct 2005 9:13
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 09:41:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration



TIC: CJ0654.D

(23) tert-Butyl Alcohol

5.551min (+0.432) 2.90PPB m

response 315808

Ion	Exp%	Act%
59.00	100	100
41.00	0.00	0.00
57.00	0.00	0.00
0.00	0.00	0.00

Same peak

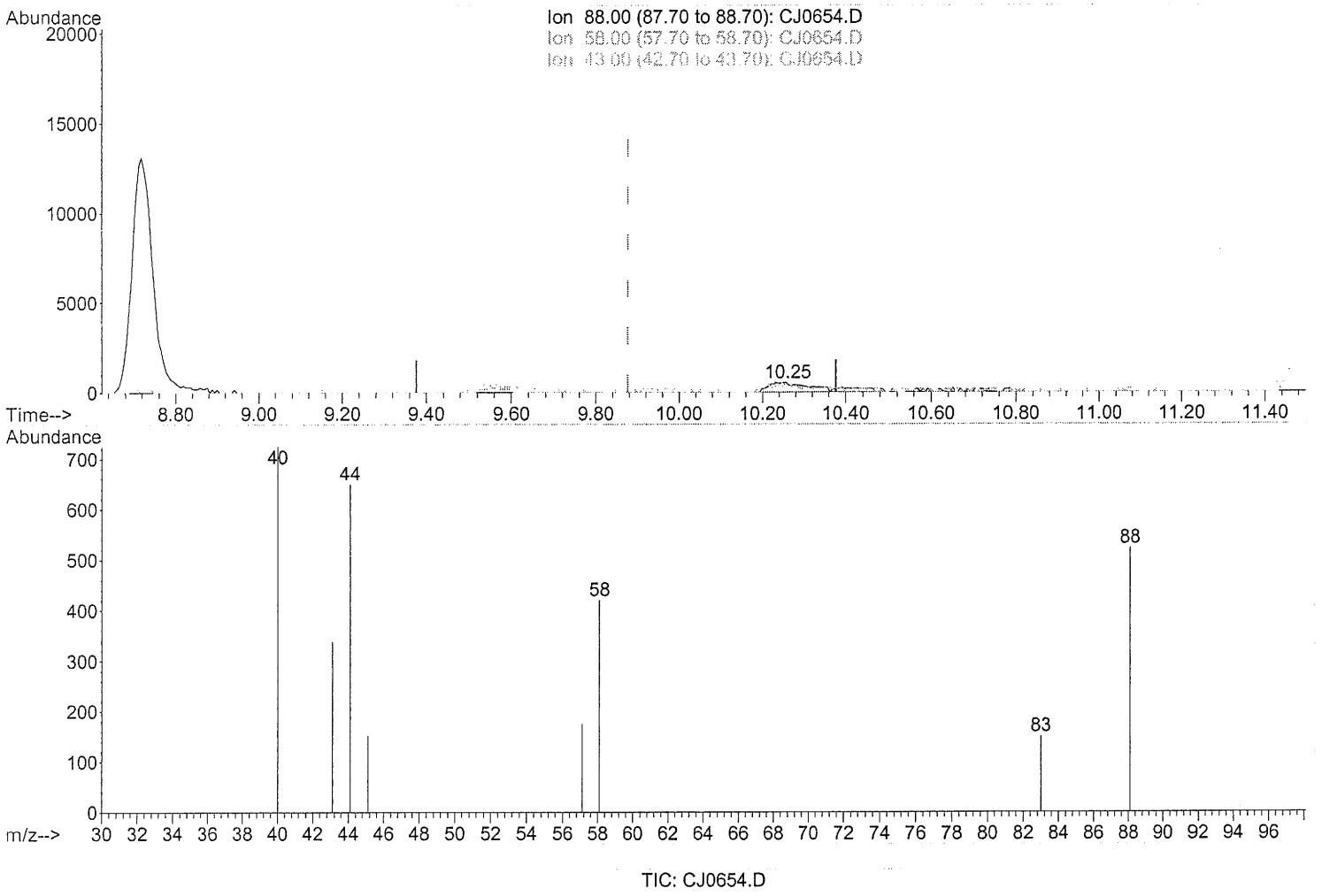
OMR/412
11/1/05

0131

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0654.D
Acq On : 27 Oct 2005 9:13
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 27 09:41:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration



TIC: CJ0654.D

(47) 1,4-Dioxane

10.257min (+0.381) 1.74PPB m

response 46700

Ion	Exp%	Act%
88.00	100	100
58.00	63.20	0.00#
43.00	2.30	0.00#
0.00	0.00	0.00

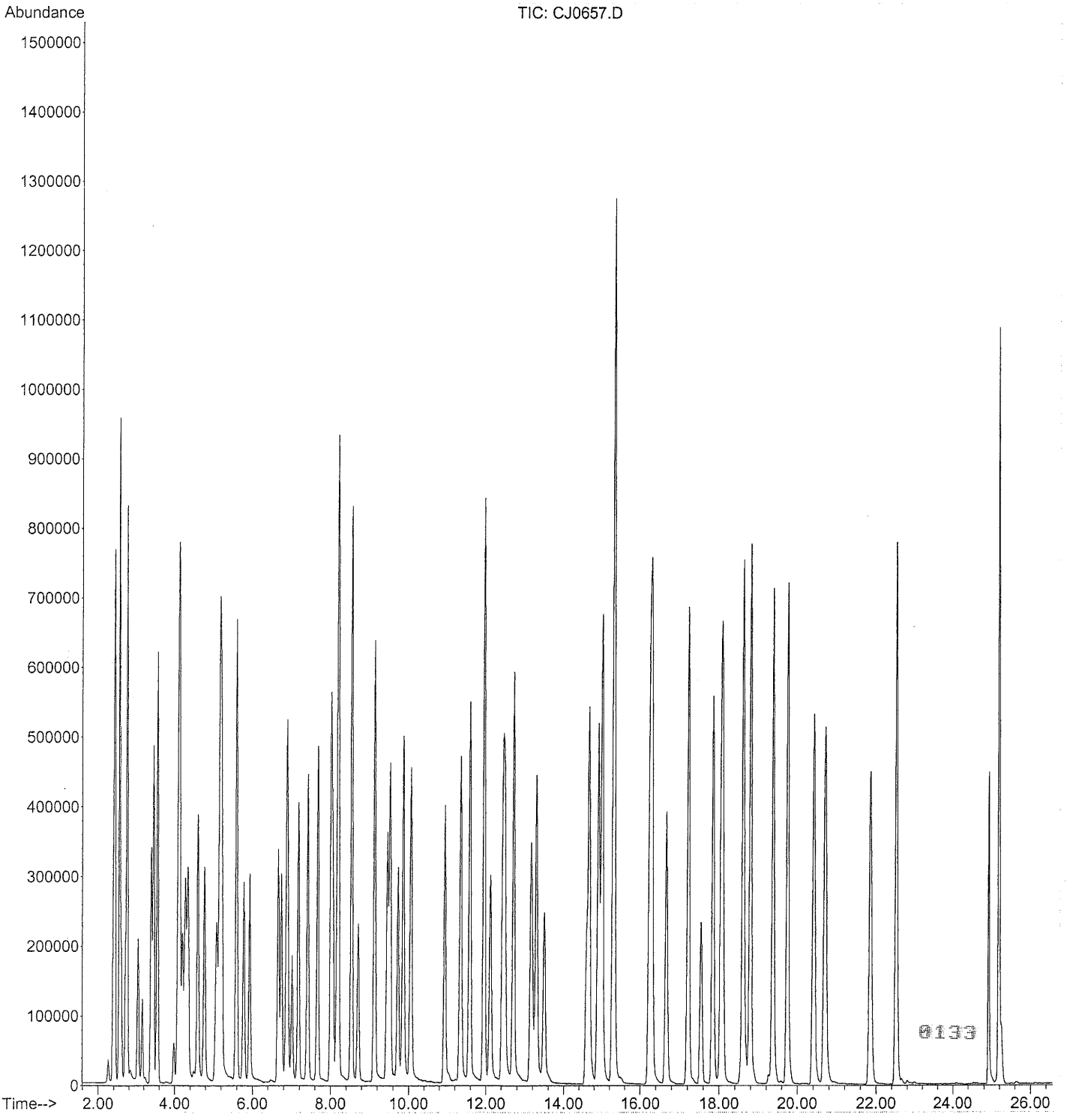
Sample peak
[illegible] 11/2/05

CMR/412
11/1/05

0132

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0657.D
Acq On : 27 Oct 2005 11:06
Operator : JBS
Sample : VSTD025
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 27 11:33:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0657.D
Acq On : 27 Oct 2005 11:06
Operator : JBS
Sample : VSTD025
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 27 11:33:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.02	130	773250	10.000			0.00
37) 1,4-Difluorobenzene	8.71	114	2754443	10.000			0.00
51) Chlorobenzene d5	14.59	117	2555380	10.000			0.00
Target Compounds							Qvalue
2) Propene	2.38	41	2732643	45.666	PPB		96
3) Dichlorodifluoromethane	2.42	85	5703620	41.415	PPB		99
4) Chlorodifluoromethane	2.43	51	4888965	43.671	PPB		95
5) Freon 114	2.54	85	6411369	40.517	PPB	#	80
6) Chloromethane	2.59	50	3672676	43.719	PPB		97
7) Vinyl Chloride	2.70	62	2591975	41.446	PPB		99
8) 1,3-Butadiene	2.74	54	4806190	44.614	PPB		97
9) Bromomethane	3.04	94	1947458	39.979	PPB		95
10) Chloroethane	3.15	64	1310849	39.931	PPB		99
11) Dichlorofluoromethane	3.38	67	4565985	40.619	PPB		98
12) Trichlorofluoromethane	3.44	101	5587750	40.143	PPB		99
13) Pentane	3.55	43	6209792	45.697	PPB		97
14) Acrolein	3.98	56	856236	51.484	PPB		87
15) 1,1-Dichloroethene	4.09	61	4152712	40.981	PPB	#	86
16) Freon 113	4.12	103	2772943	38.901	PPB		93
17) Acetone	4.20	43	4693807	38.780	PPB		99
18) Methyl Iodide	4.27	142	4959373	41.336	PPB		98
19) Carbon Disulfide	4.35	76	5927685	44.090	PPB	#	93
20) Acetonitrile	4.60	41	5267886	48.854	PPB		93
21) 3-Chloropropene	4.60	76	978710	36.133	PPB		92
22) Methylene Chloride	4.77	84	1730212	29.637	PPB	#	73
23) tert-Butyl Alcohol	5.08	59	5545082	46.188	PPB	#	100
24) Acrylonitrile	5.15	53	3470338	53.244	PPB		98
25) trans-1,2-Dichloroethene	5.16	61	3654712	45.756	PPB	#	76
26) Methyl t-Butyl Ether	5.20	73	6168905	42.821	PPB	#	93
27) Hexane	5.59	57	4831617	40.208	PPB		88
28) 1,1-Dichloroethane	5.78	63	4550579	37.915	PPB		99
29) Vinyl Acetate	5.92	43	7734689	64.100	PPB	#	94
30) cis-1,2-Dichloroethene	6.66	61	3344758	40.043	PPB	#	77
31) 2-Butanone	6.74	72	1069403	42.578	PPB	#	100
32) Ethyl Acetate	6.87	70	519350	43.940	PPB	#	100
33) Methyl Acrylate	6.90	55	5429483	50.011	PPB	#	94
34) Chloroform	7.17	83	4429768	40.468	PPB		96
35) 1,1,1-Trichloroethane	7.42	97	4535474	40.705	PPB	#	93
36) Carbon Tetrachloride	7.67	117	4638944	38.245	PPB		100
38) 1,2-Dichloroethane	8.06	62	3390970	51.047	PPB		100
39) Benzene	8.01	78	6614694	45.582	PPB	#	94
40) Isooctane	8.19	57	15648319	50.919	PPB	#	96
41) Heptane	8.53	43	7114589	55.430	PPB	#	90
42) Trichloroethene	9.12	130	3292151	43.895	PPB	#	87
43) Ethyl Acrylate	9.44	55	7366483	54.969	PPB	#	92
44) 1,2-Dichloropropane	9.52	63	2932676	45.017	PPB		97
45) Methyl Methacrylate	9.86	69	2352352	48.890	PPB	#	74
46) Dibromomethane	9.72	174	1955375	49.944	PPB	#	76
47) 1,4-Dioxane	9.85	88	992483	38.886	PPB	#	40
48) Bromodichloromethane	10.06	83	4867382	50.363	PPB	#	92

0134

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0657.D
Acq On : 27 Oct 2005 11:06
Operator : JBS
Sample : VSTD025
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 27 11:33:12 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) cis-1,3-Dichloropropene	10.93	75	3597573	43.625	PPB	#	70
50) 4-Methyl-2-Pentanone	11.34	43	8302189	46.592	PPB	#	95
52) Toluene	11.58	91	7196153	38.399	PPB		99
53) Octane	11.95	43	9048032	43.509	PPB	#	89
54) trans-1,3-Dichloropropene	12.11	75	2907823	42.244	PPB		88
55) Ethyl Methacrylate	12.43	69	3698882	39.294	PPB	#	77
56) 1,1,2-Trichloroethane	12.48	97	2319792	35.583	PPB		86
57) Tetrachloroethene	12.71	166	3067347	38.357	PPB		97
58) 2-Hexanone	13.16	43	7570856	40.313	PPB	#	76
59) Dibromochloromethane	13.29	127	3810758	42.763	PPB		98
60) 1,2-Dibromoethane	13.49	107	3933018	44.155	PPB		98
61) Chlorobenzene	14.66	112	6096907	42.105	PPB	#	86
62) 1,1,1,2-Tetrachloroethane	14.90	131	3446450	39.633	PPB		99
63) Ethylbenzene	14.99	91	10761082	43.823	PPB		91
64) m/p-Xylene	15.29	91	17117942	86.396	PPB		90
65) o-Xylene	16.24	91	8595783	45.295	PPB		90
66) Styrene	16.29	104	6463519	46.971	PPB	#	100
67) Bromoform	16.66	173	4250283	48.974	PPB		97
68) Cumene	17.21	105	10911193	51.302	PPB		93
69) 1,1,2,2-Tetrachloroethane	18.04	83	4546195	49.352	PPB		97
70) 1,2,3-Trichloropropane	18.08	110	1583361	49.458	PPB	#	65
71) Bromobenzene	17.84	156	3458319	52.375	PPB		98
72) 4-Ethyltoluene	18.60	105	11679205	48.936	PPB		93
73) 1,3,5-Trimethylbenzene	18.79	105	10140606	49.907	PPB		91
74) Alpha Methyl Styrene	19.37	118	5007483	52.803	PPB	#	95
75) 1,2,4-Trimethylbenzene	19.74	105	9749454	46.939	PPB		90
76) 1,3-Dichlorobenzene	20.41	146	5888971	50.971	PPB		97
77) 1,4-Dichlorobenzene	20.69	146	5686485	50.287	PPB		97
78) Benzyl Chloride	16.24	91	8595783	45.295	PPB	#	100
79) 1,2-Dichlorobenzene	21.85	146	5036112	47.095	PPB		96
80) Hexachloroethane	22.51	117	3918641	50.696	PPB		96
81) 1,2,4-Trichlorobenzene	24.92	180	2056813	44.331	PPB		99
82) Hexachlorobutadiene	25.19	225	2400911	36.156	PPB	#	77

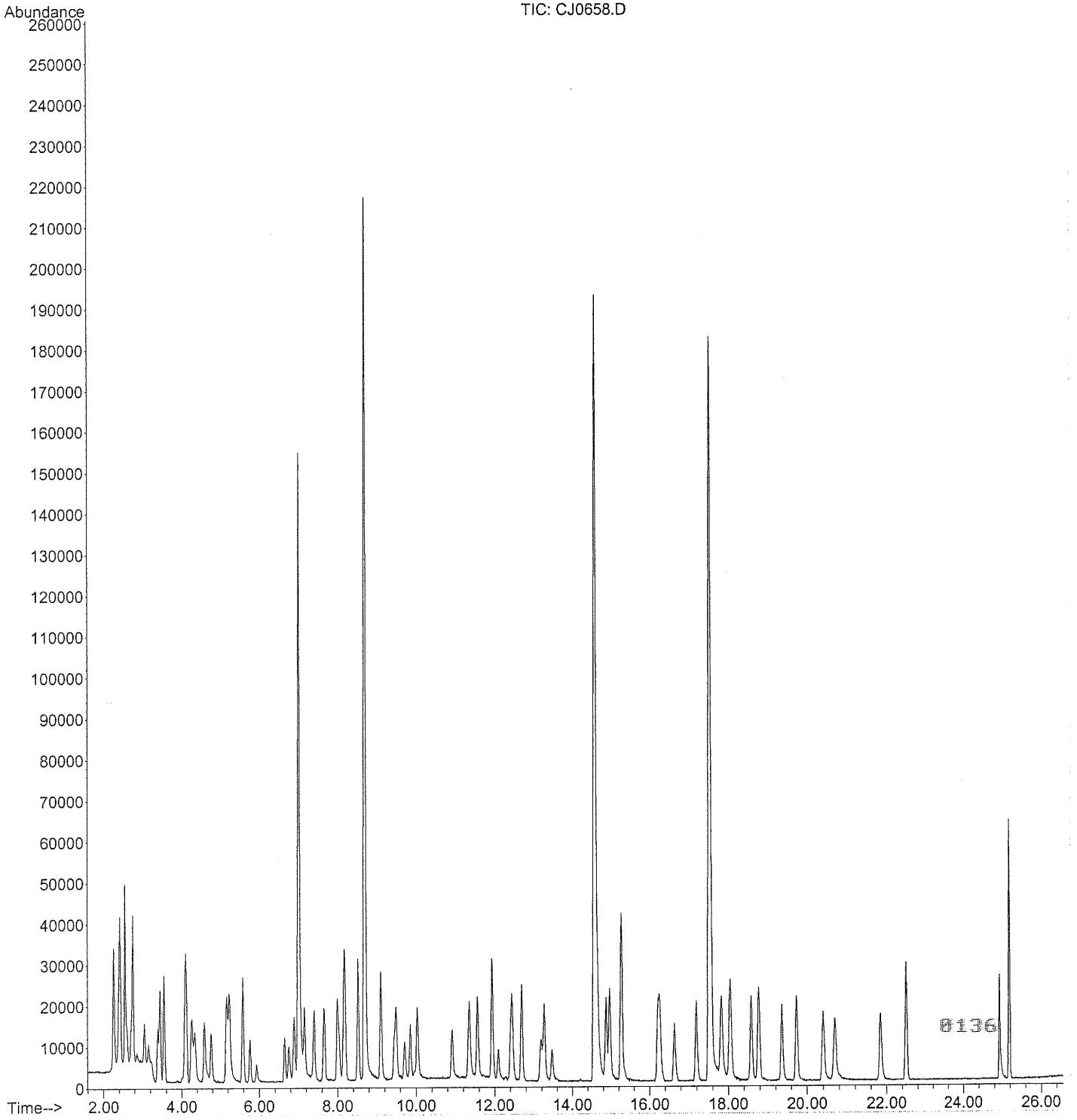
(#) = qualifier out of range (m) = manual integration (+) = signals summed

0135

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0658.D
Acq On : 27 Oct 2005 11:47
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 27 12:51:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0658.D
Acq On : 27 Oct 2005 11:47
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 27 12:51:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.01	130	726821	10.000			0.00
37) 1,4-Difluorobenzene	8.69	114	2643010	10.000			-0.01
51) Chlorobenzene d5	14.57	117	2324876	10.000			-0.01
Target Compounds							Qvalue
2) Propene	2.39	41	129506	2.302	PPB		95
3) Dichlorodifluoromethane	2.42	85	277385	2.143	PPB		99
4) Chlorodifluoromethane	2.43	51	229731	2.183	PPB		94
5) Freon 114	2.54	85	312722	2.103	PPB	#	79
6) Chloromethane	2.59	50	175775	2.226	PPB		97
7) Vinyl Chloride	2.70	62	122482	2.084	PPB		98
8) 1,3-Butadiene	2.75	54	206370	2.038	PPB		98
9) Bromomethane	3.04	94	89558	1.956	PPB		97
10) Chloroethane	3.15	64	54954	1.781	PPB	#	43
11) Dichlorofluoromethane	3.39	67	180262	1.706	PPB	#	88
12) Trichlorofluoromethane	3.44	101	258448	1.975	PPB		98
13) Pentane	3.55	43	260268	2.038	PPB		97
14) Acrolein	4.01	56	22774m	1.457	PPB		
15) 1,1-Dichloroethene	4.09	61	172331	1.809	PPB	#	87
16) Freon 113	4.11	103	109443	1.633	PPB		95
17) Acetone	4.24	43	167719	1.474	PPB		98
18) Methyl Iodide	4.27	142	208497	1.849	PPB		99
19) Carbon Disulfide	4.34	76	265270	2.099	PPB		95
20) Acetonitrile	4.59	41	167873	1.656	PPB	#	82
21) 3-Chloropropene	4.59	76	44504m	1.748	PPB		
22) Methylene Chloride	4.77	84	66832	1.218	PPB	#	66
23) tert-Butyl Alcohol	5.15	59	218450	1.936	PPB	#	100
24) Acrylonitrile	5.17	53	107301	1.751	PPB	#	65
25) trans-1,2-Dichloroethene	5.16	61	130196	1.734	PPB	#	75
26) Methyl t-Butyl Ether	5.23	73	235492	1.739	PPB	#	58
27) Hexane	5.58	57	183259	1.622	PPB	#	91
28) 1,1-Dichloroethane	5.77	63	175377	1.555	PPB		99
29) Vinyl Acetate	5.93	43	130229	1.148	PPB	#	78
30) cis-1,2-Dichloroethene	6.65	61	120140	1.530	PPB	#	74
31) 2-Butanone	6.76	72	35877	1.520	PPB	#	100
32) Ethyl Acetate	6.87	70	14253m	1.283	PPB		
33) Methyl Acrylate	6.90	55	167005	1.637	PPB	#	69
34) Chloroform	7.16	83	167576	1.629	PPB	#	77
35) 1,1,1-Trichloroethane	7.40	97	169989	1.623	PPB	#	91
36) Carbon Tetrachloride	7.66	117	172436	1.512	PPB		99
38) 1,2-Dichloroethane	8.04	62	119364	1.873	PPB		99
39) Benzene	7.99	78	237783	1.708	PPB	#	95
40) Isooctane	8.17	57	557464	1.890	PPB	#	97
41) Heptane	8.52	43	264694	2.149	PPB	#	89
42) Trichloroethene	9.10	130	147523	2.050	PPB	#	88
43) Ethyl Acrylate	9.44	55	208265	1.620	PPB	#	77
44) 1,2-Dichloropropane	9.50	63	108350	1.733	PPB		91
45) Methyl Methacrylate	9.85	69	70733	1.532	PPB	#	67
46) Dibromomethane	9.71	174	65883	1.754	PPB	#	71
47) 1,4-Dioxane	9.98	88	41364m	1.689	PPB		
48) Bromodichloromethane	10.03	83	177705	1.916	PPB	#	87

0137

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0658.D
Acq On : 27 Oct 2005 11:47
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 27 12:51:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) cis-1,3-Dichloropropene	10.92	75	116363	1.471	PPB	#	68
50) 4-Methyl-2-Pentanone	11.34	43	356479	2.085	PPB	#	90
52) Toluene	11.56	91	242352	1.421	PPB		95
53) Octane	11.93	43	309331	1.635	PPB	#	90
54) trans-1,3-Dichloropropene	12.10	75	85223	1.361	PPB	#	70
55) Ethyl Methacrylate	12.42	69	120044	1.402	PPB	#	86
56) 1,1,2-Trichloroethane	12.45	97	100273	1.691	PPB		88
57) Tetrachloroethene	12.69	166	131492	1.807	PPB		99
58) 2-Hexanone	13.18	43	316302	1.851	PPB	#	78
59) Dibromochloromethane	13.27	127	138161	1.704	PPB		98
60) 1,2-Dibromoethane	13.47	107	135031	1.666	PPB	#	80
61) Chlorobenzene	14.64	112	227726	1.729	PPB	#	75
62) 1,1,1,2-Tetrachloroethane	14.87	131	127627	1.613	PPB	#	51
63) Ethylbenzene	14.97	91	348677	1.561	PPB		89
64) m/p-Xylene	15.27	91	550700	3.055	PPB		90
65) o-Xylene	16.21	91	269471	1.561	PPB		90
66) Styrene	16.26	104	187934	1.501	PPB	#	100
67) Bromoform	16.63	173	160667	2.035	PPB		95
68) Cumene	17.19	105	310608	1.605	PPB		93
69) 1,1,2,2-Tetrachloroethane	18.02	83	132661	1.583	PPB		94
70) 1,2,3-Trichloropropane	18.05	110	59258	2.035	PPB	#	48
71) Bromobenzene	17.82	156	125029	2.081	PPB		99
72) 4-Ethyltoluene	18.58	105	339440	1.563	PPB		93
73) 1,3,5-Trimethylbenzene	18.77	105	343252	1.857	PPB		89
74) Alpha Methyl Styrene	19.36	118	147905	1.714	PPB	#	95
75) 1,2,4-Trimethylbenzene	19.73	105	311252	1.647	PPB	#	84
76) 1,3-Dichlorobenzene	20.40	146	201187	1.914	PPB	#	89
77) 1,4-Dichlorobenzene	20.68	146	189507	1.842	PPB	#	82
78) Benzyl Chloride	16.21	91	269471	1.561	PPB	#	100
79) 1,2-Dichlorobenzene	21.84	146	219460	2.256	PPB		95
80) Hexachloroethane	22.50	117	141378	2.010	PPB		96
81) 1,2,4-Trichlorobenzene	24.92	180	145433	3.445	PPB		97
82) Hexachlorobutadiene	25.18	225	159312	2.637	PPB		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0139

Quantitation Report (Qedit)

```
Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0658.D
Acq On    : 27 Oct 2005  11:47
Operator  : JBS
Sample    : VSTD001
Misc      :
ALS Vial  : 33   Sample Multiplier: 1

Quant Time: Oct 27 12:51:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title  :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration
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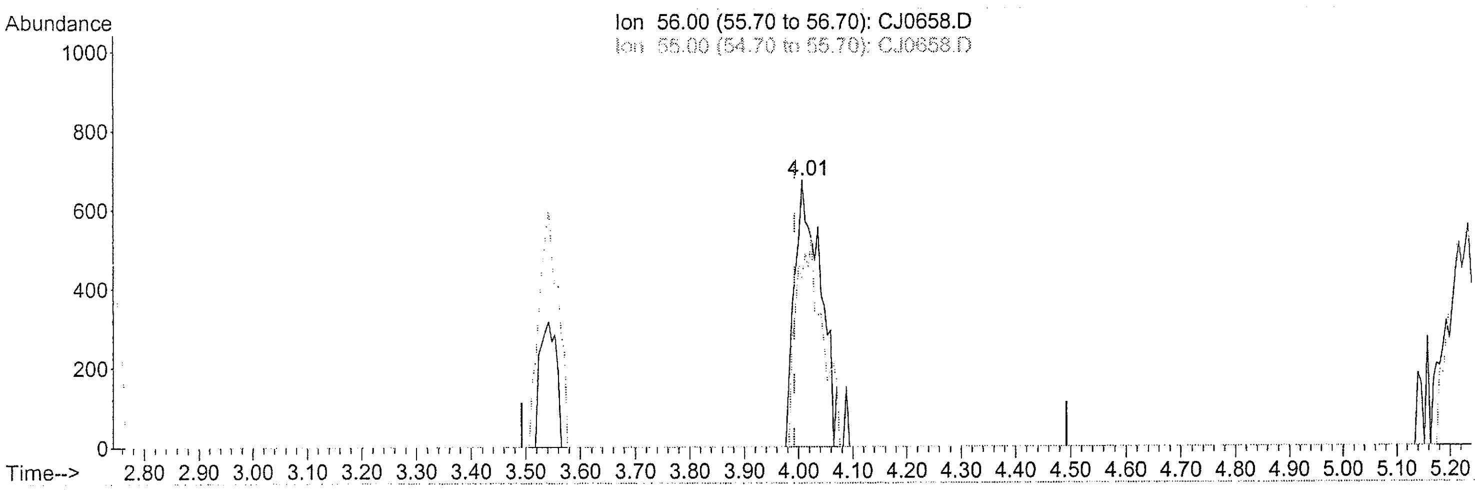
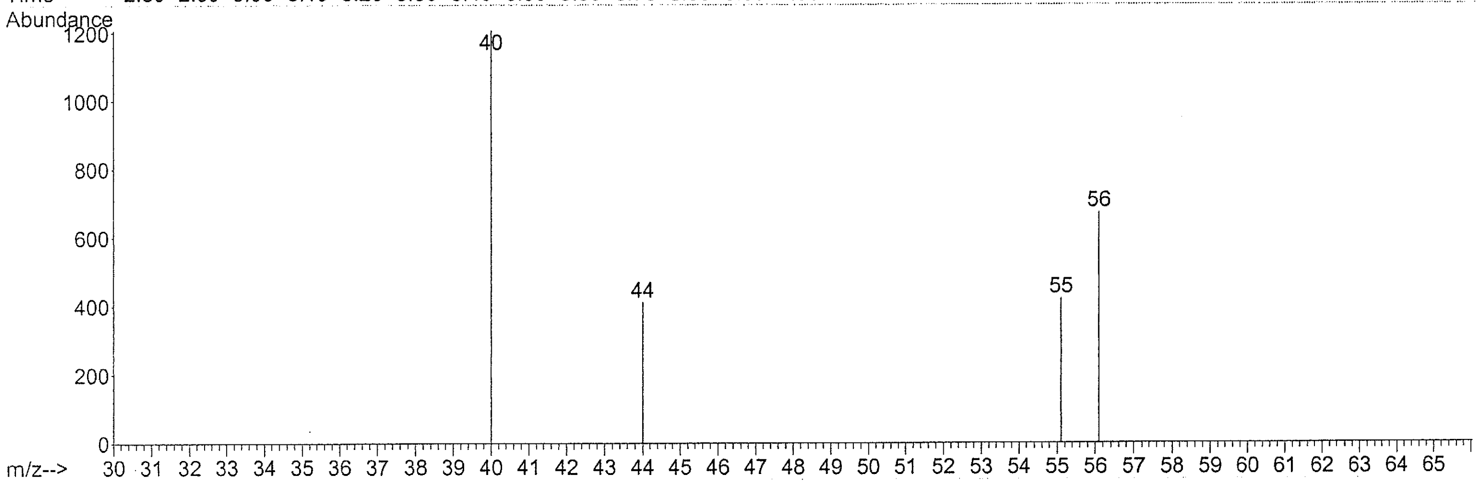




TIC: CJ0658.D

(14) Acrolein

4.006min (+0.013) 1.46PPB m

response 22774

Ion	Exp%	Act%
56.00	100	100
55.00	62.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Split peak
Amy 11/2/05

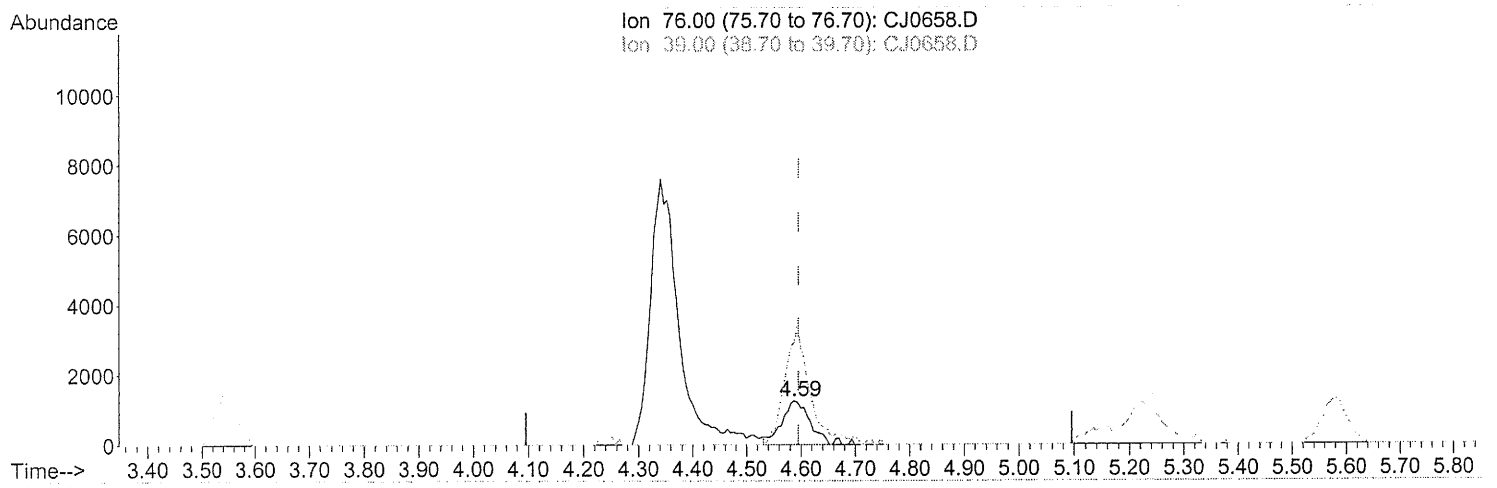
CMR/412
11/1/05

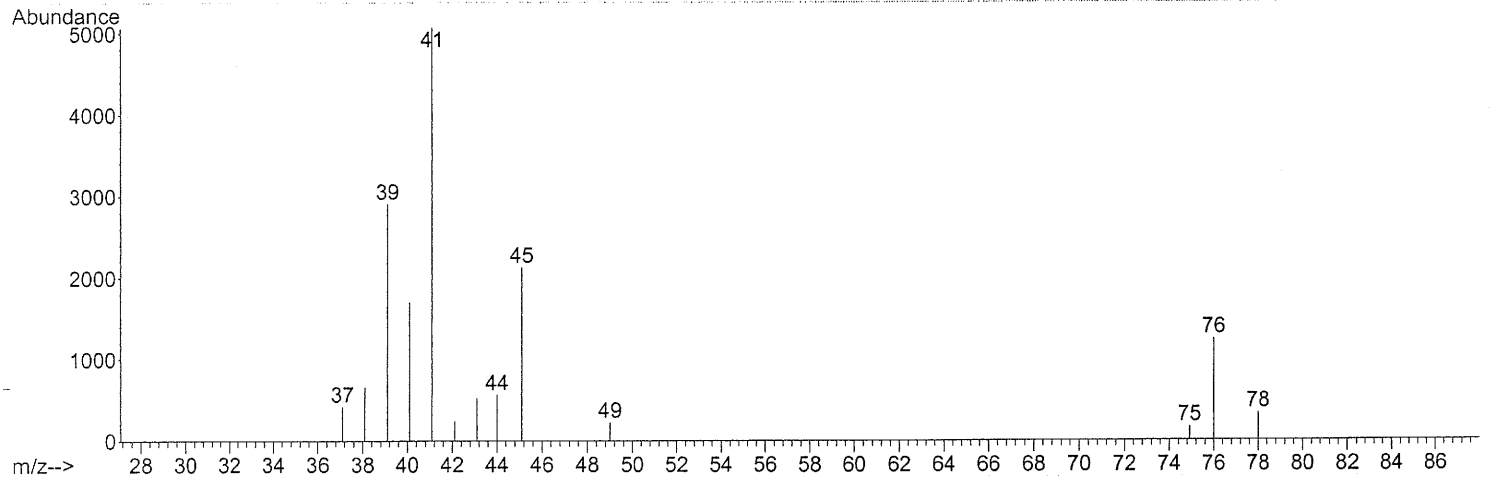
0139

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0658.D
Acq On : 27 Oct 2005 11:47
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 27 12:51:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration





TIC: CJ0658.D

(21) 3-Chloropropene

4.587min (-0.008) 1.75PPB m

response 44504

Ion	Exp%	Act%
76.00	100	100
39.00	289.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Smat peak
11/1/05

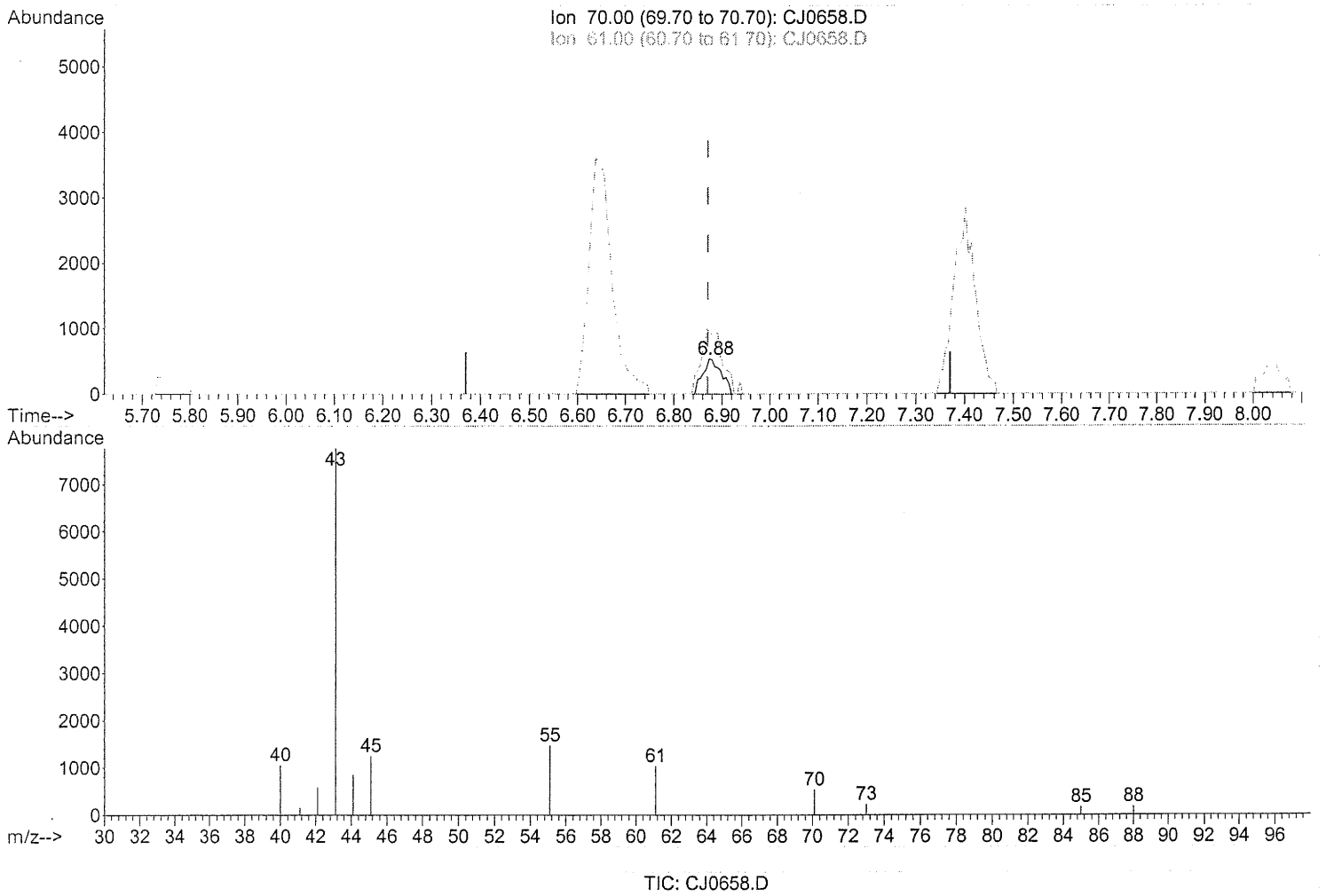
QMS/412
11/1/05

0148

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0658.D
Acq On : 27 Oct 2005 11:47
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 27 12:51:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration



TIC: CJ0658.D

(32) Ethyl Acetate

6.873min (+0.003) 1.28PPB m

response 14253

Ion	Exp%	Act%
70.00	100	100
61.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

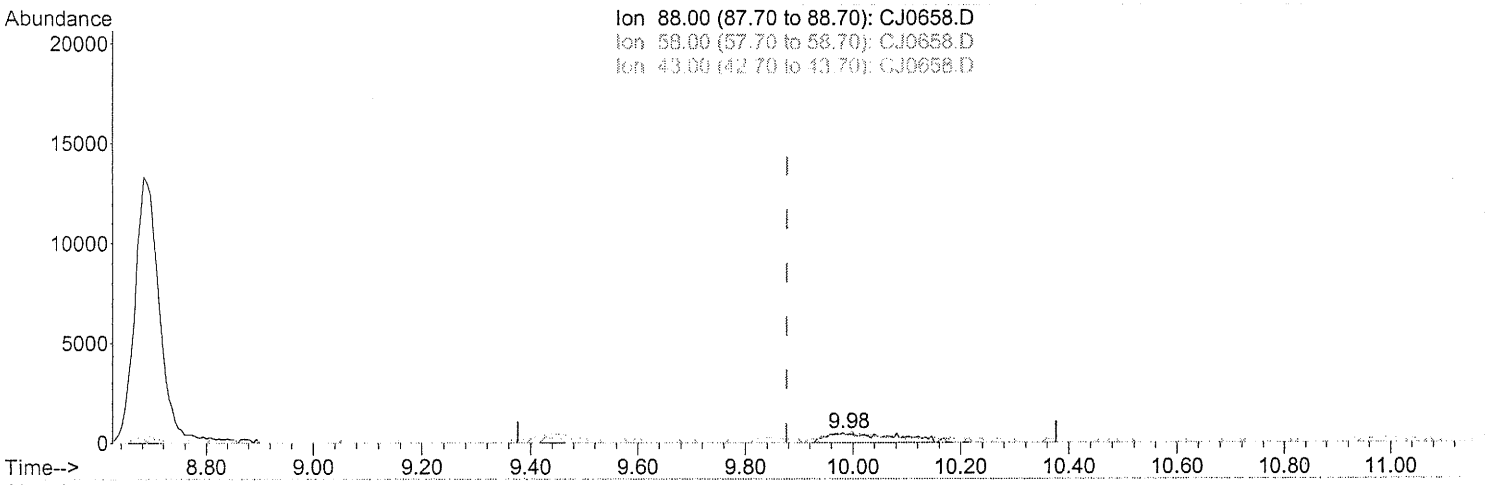
OMR/412
11/1/05

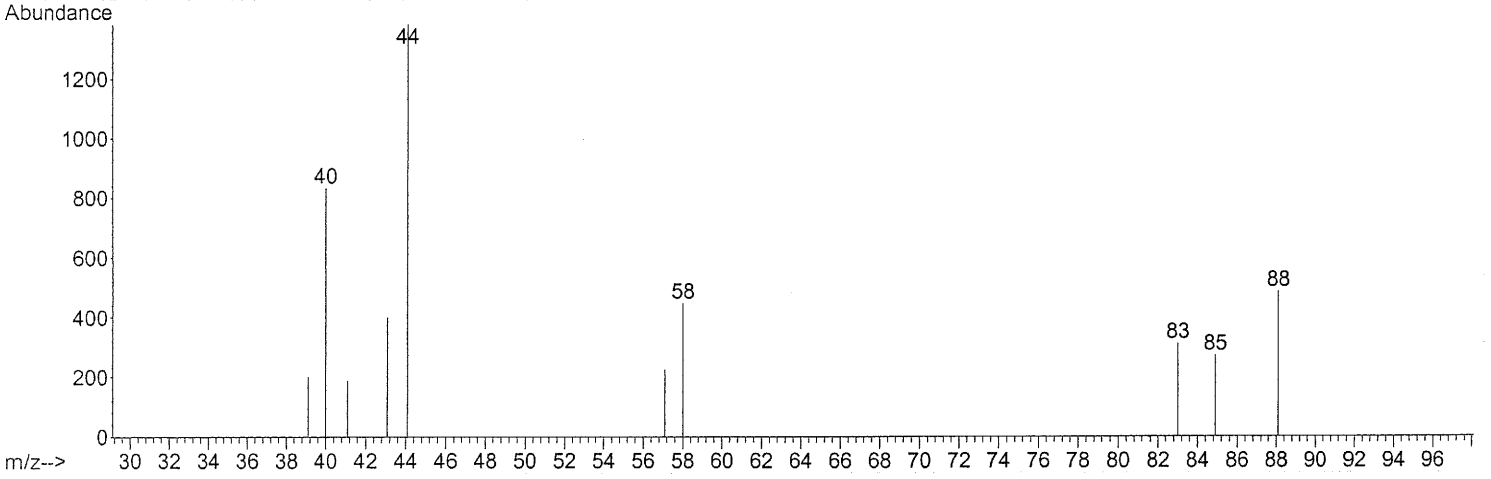
0141

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\OCT27\
Data File : CJ0658.D
Acq On : 27 Oct 2005 11:47
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 27 12:51:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 09:25:01 2005
Response via : Initial Calibration





TIC: CJ0658.D

(47) 1,4-Dioxane

9.981min (+0.105) 1.69PPB m

response 41364

Ion	Exp%	Act%
88.00	100	100
58.00	63.20	0.00#
43.00	2.30	0.00#
0.00	0.00	0.00

CMR/412 11/1/05

Spike peak Anisley 10/27/05

0142

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR

CONTINUING CALIBRATION DATA SHEET

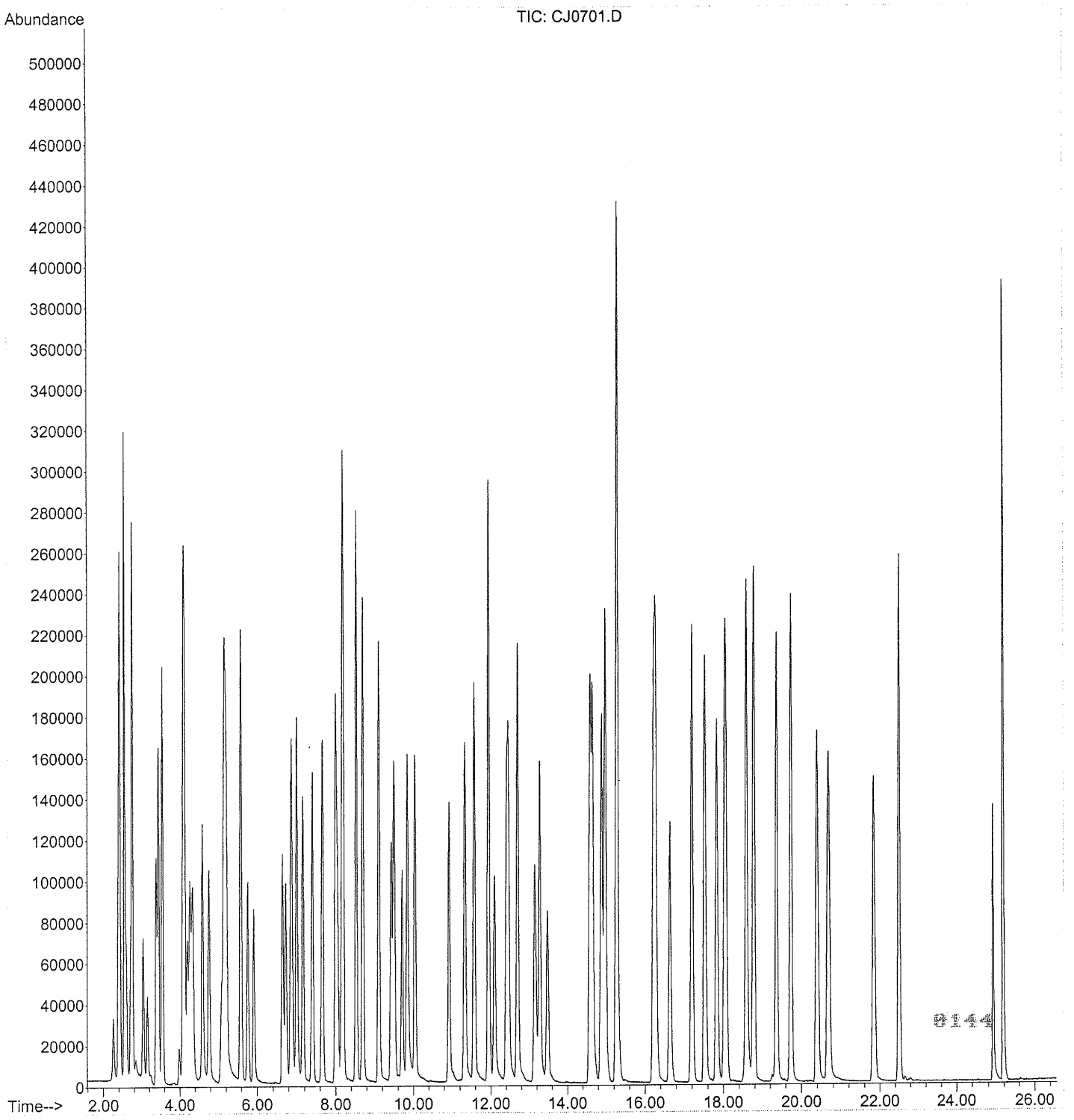
Instrument ID: HP09464 Data File: C:\MSDCHEM\1\DATA\OCT28\CJ0701.D
EPA SAMPLE NO.: VSTD010 DATE INJECTED: 10/28/05 TIME INJECTED: 08:05

COMPOUND NAME	ICAL MEAN RRF	CCAL RRF	%D
Dichlorodifluoromethane	2.928	2.424	-20
Freon 114	3.324	2.694	-20
Chloromethane	1.882	1.547	-20
Vinyl Chloride	1.320	1.050	-20
Bromomethane	1.001	0.820	-20
Chloroethane	0.655	0.557	-10
Trichlorofluoromethane	2.869	2.414	-20
1,1-Dichloroethene	2.058	1.724	-20
Freon 113	1.378	1.196	-10
3-Chloropropene	0.519	0.399	-20
Methylene Chloride	0.840	0.743	-10
1,1-Dichloroethane	2.326	2.044	-10
cis-1,2-Dichloroethene	1.637	1.441	-10
Chloroform	2.131	1.897	-10
1,1,1-Trichloroethane	2.186	1.954	-10
Carbon Tetrachloride	2.376	2.121	-10
1,2-Dichloroethane	0.402	0.402	0
Benzene	0.817	0.812	-1
Trichloroethene	0.447	0.403	-10
1,2-Dichloropropane	0.366	0.355	-3
cis-1,3-Dichloropropene	0.468	0.469	0
Toluene	1.074	1.050	-2
trans-1,3-Dichloropropene	0.417	0.450	8
1,1,2-Trichloroethane	0.394	0.377	-4
Tetrachloroethene	0.494	0.459	-7
1,2-Dibromoethane	0.543	0.551	1
Chlorobenzene	0.886	0.875	-1
Ethylbenzene	1.503	1.486	-1
m/p-Xylene	1.212	1.222	1
o-Xylene	1.176	1.175	0
Styrene	0.852	0.876	3
1,1,2,2-Tetrachloroethane	0.546	0.623	14
4-Ethyltoluene	1.588	1.642	3
1,3,5-Trimethylbenzene	1.362	1.390	2
1,2,4-Trimethylbenzene	1.347	1.415	5
1,3-Dichlorobenzene	0.771	0.799	4
1,4-Dichlorobenzene	0.738	0.759	3
1,2-Dichlorobenzene	0.736	0.698	-5
1,2,4-Trichlorobenzene	0.250	0.291	16

Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT28\
Data File : CJ0701.D
Acq On : 28 Oct 2005 8:05
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 28 08:32:42 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 13:03:08 2005
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\OCT28\
Data File : CJ0701.D
Acq On : 28 Oct 2005 8:05
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 28 08:32:42 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 13:03:08 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.01	130	784315	10.000			0.00
37) 1,4-Difluorobenzene	8.70	114	2732019	10.000			0.00
51) Chlorobenzene d5	14.58	117	2282851	10.000			0.00
Target Compounds							Qvalue
2) Propene	2.39	41	869036	8.038	PPB		97
3) Dichlorodifluoromethane	2.42	85	1910824	8.322	PPB		99
4) Chlorodifluoromethane	2.43	51	1610847	8.290	PPB		96
5) Freon 114	2.54	85	2112858	8.103	PPB	#	81
6) Chloromethane	2.59	50	1213238	8.222	PPB		96
7) Vinyl Chloride	2.70	62	823696	7.955	PPB		97
8) 1,3-Butadiene	2.74	54	1553694	8.382	PPB		97
9) Bromomethane	3.04	94	643381	8.194	PPB		94
10) Chloroethane	3.15	64	436645	8.501	PPB		97
11) Dichlorofluoromethane	3.39	67	1501115	8.543	PPB		98
12) Trichlorofluoromethane	3.44	101	1893109	8.414	PPB		98
13) Pentane	3.55	43	1991243	8.677	PPB		98
14) Acrolein	3.98	56	252538	10.233	PPB		88
15) 1,1-Dichloroethene	4.09	61	1352364	8.377	PPB	#	86
16) Freon 113	4.12	103	938018	8.680	PPB		94
17) Acetone	4.20	43	1531277	9.677	PPB		100
18) Methyl Iodide	4.27	142	1642324	8.812	PPB		98
19) Carbon Disulfide	4.35	76	1919281	9.010	PPB	#	93
20) Acetonitrile	4.59	41	1648196	10.214	PPB		94
21) 3-Chloropropene	4.59	76	312836	7.680	PPB		94
22) Methylene Chloride	4.76	84	582376	8.844	PPB	#	74
23) tert-Butyl Alcohol	5.10	59	1706718	9.402	PPB	#	100
24) Acrylonitrile	5.15	53	1026938	9.810	PPB		97
25) trans-1,2-Dichloroethene	5.16	61	1158970	9.362	PPB	#	77
26) Methyl t-Butyl Ether	5.20	73	1966121	8.952	PPB	#	89
27) Hexane	5.58	57	1583166	8.996	PPB		88
28) 1,1-Dichloroethane	5.77	63	1523308	8.350	PPB		99
29) Vinyl Acetate	5.92	43	2126519	11.453	PPB	#	94
30) cis-1,2-Dichloroethene	6.65	61	1073404	8.359	PPB	#	78
31) 2-Butanone	6.73	72	340138	9.800	PPB	#	100
32) Ethyl Acetate	6.86	70	159028	10.210	PPB	#	100
33) Methyl Acrylate	6.89	55	1643237	9.910	PPB	#	94
34) Chloroform	7.16	83	1487954	8.904	PPB		96
35) 1,1,1-Trichloroethane	7.41	97	1532804	8.941	PPB	#	93
36) Carbon Tetrachloride	7.66	117	1580260	8.481	PPB		99
38) 1,2-Dichloroethane	8.05	62	1098425	9.995	PPB		99
39) Benzene	8.00	78	2217172	9.932	PPB	#	95
40) Isooctane	8.18	57	5072792	10.265	PPB	#	97
41) Heptane	8.53	43	2264175	10.264	PPB	#	92
42) Trichloroethene	9.11	130	1099758	8.999	PPB	#	88
43) Ethyl Acrylate	9.43	55	2268063	11.448	PPB	#	89
44) 1,2-Dichloropropane	9.50	63	968781	9.681	PPB		96
45) Methyl Methacrylate	9.85	69	746583	11.044	PPB	#	77
46) Dibromomethane	9.71	174	638108	10.487	PPB	#	76
47) 1,4-Dioxane	9.87	88	311123	10.423	PPB	#	38
48) Bromodichloromethane	10.04	83	1628626	10.592	PPB	#	92

0145

Data Path : C:\MSDChem\1\DATA\OCT28\
Data File : CJ0701.D
Acq On : 28 Oct 2005 8:05
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 28 08:32:42 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Thu Oct 27 13:03:08 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) cis-1,3-Dichloropropene	10.92	75	1153188	9.028	PPB	#	71
50) 4-Methyl-2-Pentanone	11.33	43	2755225	10.422	PPB	#	94
52) Toluene	11.57	91	2398074	9.784	PPB		98
53) Octane	11.94	43	3043789	10.414	PPB	#	88
54) trans-1,3-Dichloropropene	12.10	75	924589	9.703	PPB	#	87
55) Ethyl Methacrylate	12.41	69	1155578	9.940	PPB	#	76
56) 1,1,2-Trichloroethane	12.46	97	818589	9.107	PPB		87
57) Tetrachloroethene	12.70	166	1047121	9.294	PPB		97
58) 2-Hexanone	13.15	43	2256090	10.266	PPB	#	77
59) Dibromochloromethane	13.28	127	1272951	10.069	PPB		99
60) 1,2-Dibromoethane	13.48	107	1258205	10.141	PPB		98
61) Chlorobenzene	14.64	112	1996614	9.872	PPB	#	85
62) 1,1,1,2-Tetrachloroethane	14.88	131	1138353	9.267	PPB		98
63) Ethylbenzene	14.97	91	3391644	9.885	PPB		92
64) m/p-Xylene	15.27	91	5440256	19.656	PPB		90
65) o-Xylene	16.22	91	2682776	9.996	PPB		90
66) Styrene	16.27	104	1999016	10.283	PPB	#	100
67) Bromoform	16.65	173	1358466	10.413	PPB		97
68) Cumene	17.20	105	3321402	10.683	PPB	#	93
69) 1,1,2,2-Tetrachloroethane	18.03	83	1492168	11.977	PPB		96
70) 1,2,3-Trichloropropane	18.06	110	501028	10.386	PPB	#	64
71) Bromobenzene	17.83	156	1071707	10.567	PPB		99
72) 4-Ethyltoluene	18.59	105	3561208	9.825	PPB		94
73) 1,3,5-Trimethylbenzene	18.77	105	3173295	10.204	PPB		91
74) Alpha Methyl Styrene	19.36	118	1519857	10.933	PPB	#	95
75) 1,2,4-Trimethylbenzene	19.73	105	3068856	9.982	PPB		91
76) 1,3-Dichlorobenzene	20.40	146	1823098	10.357	PPB		97
77) 1,4-Dichlorobenzene	20.69	146	1732848	10.281	PPB		97
78) Benzyl Chloride	16.22	91	2682776	9.996	PPB	#	100
79) 1,2-Dichlorobenzene	21.84	146	1593743	9.485	PPB		96
80) Hexachloroethane	22.50	117	1225547	10.677	PPB		97
81) 1,2,4-Trichlorobenzene	24.92	180	664223	8.957	PPB		99
82) Hexachlorobutadiene	25.18	225	952028	9.365	PPB		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0146

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR

CONTINUING CALIBRATION DATA SHEET

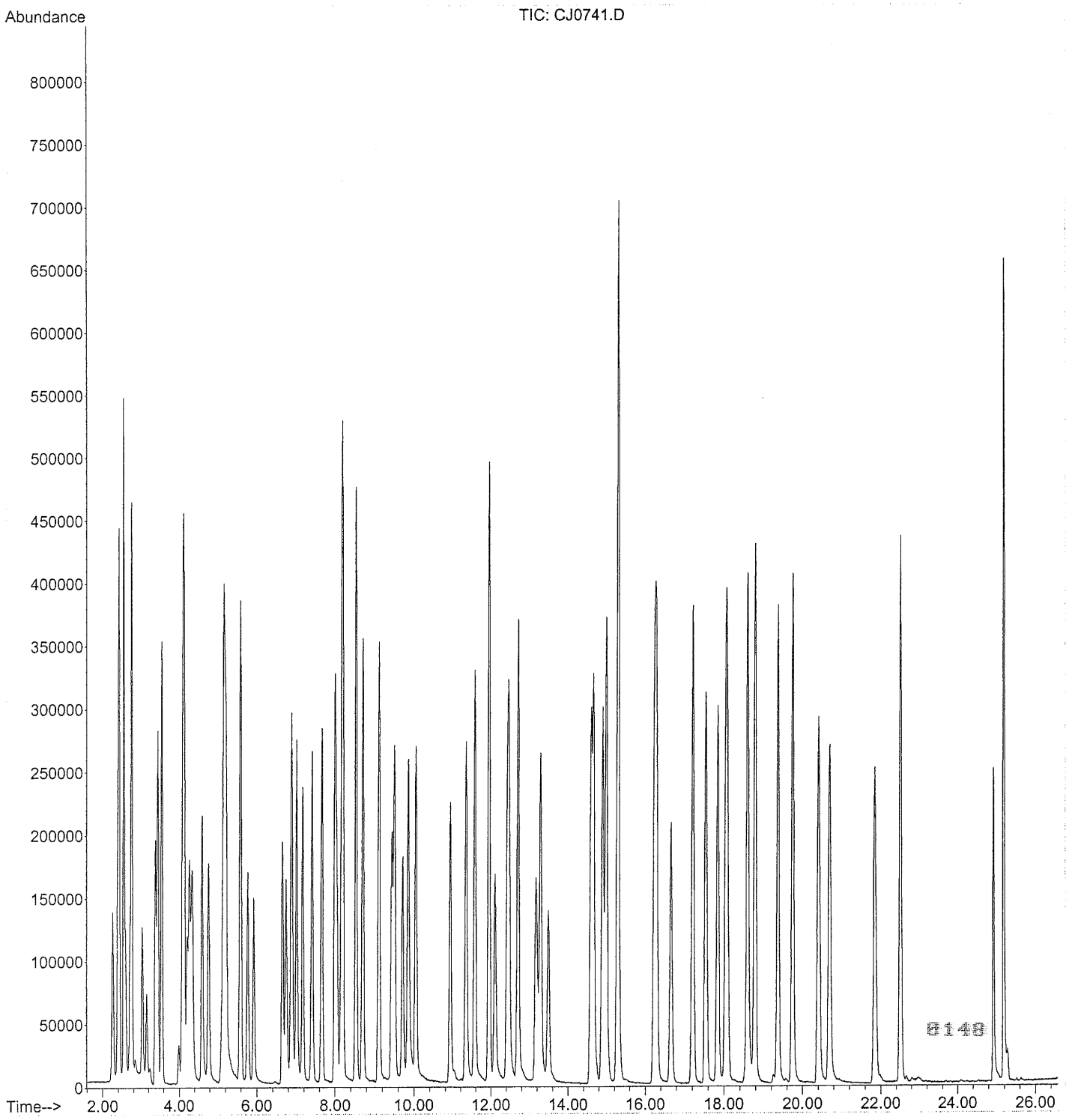
Instrument ID: HP09464 Data File: C:\MSDCHEM\1\DATA\OCT29\CJ0741.D
EPA SAMPLE NO.: VSTD010 DATE INJECTED: 10/29/05 TIME INJECTED: 12:47

COMPOUND NAME	ICAL MEAN RRF	CCAL RRF	%D
Dichlorodifluoromethane	2.928	2.610	-10
Freon 114	3.324	2.941	-10
Chloromethane	1.882	1.650	-10
Vinyl Chloride	1.320	1.177	-10
Bromomethane	1.001	0.899	-10
Chloroethane	0.655	0.603	-8
Trichlorofluoromethane	2.869	2.580	-10
1,1-Dichloroethene	2.058	1.893	-8
Freon 113	1.378	1.331	-3
3-Chloropropene	0.519	0.465	-10
Methylene Chloride	0.840	0.813	-3
1,1-Dichloroethane	2.326	2.252	-3
cis-1,2-Dichloroethene	1.637	1.643	0
Chloroform	2.131	2.076	-3
1,1,1-Trichloroethane	2.186	2.121	-3
Carbon Tetrachloride	2.376	2.308	-3
1,2-Dichloroethane	0.402	0.435	8
Benzene	0.817	0.909	11
Trichloroethene	0.447	0.431	-4
1,2-Dichloropropane	0.366	0.401	10
cis-1,3-Dichloropropene	0.468	0.538	15
Toluene	1.074	1.210	13
trans-1,3-Dichloropropene	0.417	0.494	18
1,1,2-Trichloroethane	0.394	0.420	7
Tetrachloroethene	0.494	0.541	10
1,2-Dibromoethane	0.543	0.606	11
Chlorobenzene	0.886	0.964	9
Ethylbenzene	1.503	1.656	10
m/p-Xylene	1.212	1.338	10
o-Xylene	1.176	1.298	10
Styrene	0.852	0.961	13
1,1,2,2-Tetrachloroethane	0.546	0.750	38
4-Ethyltoluene	1.588	1.813	14
1,3,5-Trimethylbenzene	1.362	1.514	11
1,2,4-Trimethylbenzene	1.347	1.528	13
1,3-Dichlorobenzene	0.771	0.876	14
1,4-Dichlorobenzene	0.738	0.837	13
1,2-Dichlorobenzene	0.736	0.765	4
1,2,4-Trichlorobenzene	0.250	0.328	31

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT29\
Data File : CJ0741.D
Acq On : 29 Oct 2005 12:47
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 29 13:13:52 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT29\
Data File : CJ0741.D
Acq On : 29 Oct 2005 12:47
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 29 13:13:52 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.01	130	1240511	10.000			0.00
37) 1,4-Difluorobenzene	8.70	114	4279276	10.000			0.00
51) Chlorobenzene d5	14.59	117	3559350	10.000			0.00
Target Compounds							Qvalue
2) Propene	2.39	41	1499754	8.770	PPB		96
3) Dichlorodifluoromethane	2.42	85	3253540	8.959	PPB		98
4) Chlorodifluoromethane	2.43	51	2750655	8.950	PPB		96
5) Freon 114	2.54	85	3648650	8.847	PPB	#	80
6) Chloromethane	2.59	50	2046442	8.768	PPB		96
7) Vinyl Chloride	2.70	62	1459849	8.914	PPB		98
8) 1,3-Butadiene	2.74	54	2648630	9.034	PPB		96
9) Bromomethane	3.04	94	1115109	8.979	PPB		96
10) Chloroethane	3.15	64	747669	9.203	PPB		99
11) Dichlorofluoromethane	3.39	67	2639890	9.498	PPB		98
12) Trichlorofluoromethane	3.44	101	3200752	8.995	PPB		99
13) Pentane	3.55	43	3420180	9.423	PPB		97
14) Acrolein	3.99	56	468953	12.014	PPB		90
15) 1,1-Dichloroethene	4.09	61	2348051	9.196	PPB	#	87
16) Freon 113	4.12	103	1651499	9.662	PPB		94
17) Acetone	4.21	43	2640401	10.549	PPB		98
18) Methyl Iodide	4.27	142	2901627	9.843	PPB		99
19) Carbon Disulfide	4.35	76	3376956	10.023	PPB	#	92
20) Acetonitrile	4.60	41	2794458	10.948	PPB		94
21) 3-Chloropropene	4.60	76	576897	8.955	PPB		84
22) Methylene Chloride	4.77	84	1008022	9.679	PPB	#	77
23) tert-Butyl Alcohol	5.14	59	3120622	10.869	PPB	#	100
24) Acrylonitrile	5.15	53	1833409	11.073	PPB		98
25) trans-1,2-Dichloroethene	5.16	61	2045724	10.448	PPB	#	77
26) Methyl t-Butyl Ether	5.21	73	3563393	10.257	PPB	#	79
27) Hexane	5.59	57	2777091	9.978	PPB	#	86
28) 1,1-Dichloroethane	5.77	63	2654530	9.200	PPB		99
29) Vinyl Acetate	5.92	43	3807127	12.964	PPB	#	95
30) cis-1,2-Dichloroethene	6.66	61	1936276	9.533	PPB	#	77
31) 2-Butanone	6.74	72	620258	11.299	PPB	#	100
32) Ethyl Acetate	6.87	70	291660	11.839	PPB	#	100
33) Methyl Acrylate	6.90	55	2926302	11.158	PPB	#	94
34) Chloroform	7.17	83	2575529	9.744	PPB		96
35) 1,1,1-Trichloroethane	7.41	97	2631265	9.704	PPB	#	93
36) Carbon Tetrachloride	7.67	117	2720021	9.230	PPB		100
38) 1,2-Dichloroethane	8.05	62	1860162	10.806	PPB		100
39) Benzene	8.01	78	3888784	11.121	PPB		96
40) Isooctane	8.18	57	8916500	11.519	PPB	#	96
41) Heptane	8.53	43	3891872	11.264	PPB	#	93
42) Trichloroethene	9.12	130	1842776	9.627	PPB	#	88
43) Ethyl Acrylate	9.44	55	4034975	13.003	PPB	#	93
44) 1,2-Dichloropropane	9.51	63	1717764	10.959	PPB		97
45) Methyl Methacrylate	9.86	69	1314562	12.415	PPB	#	78
46) Dibromomethane	9.72	174	1137611	11.936	PPB	#	78
47) 1,4-Dioxane	9.89	88	438104	9.370	PPB	#	38
48) Bromodichloromethane	10.05	83	2805792	11.650	PPB	#	93

0149

Data Path : C:\MSDCHEM\1\DATA\OCT29\
Data File : CJ0741.D
Acq On : 29 Oct 2005 12:47
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 29 13:13:52 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) cis-1,3-Dichloropropene	10.93	75	2070838	10.350	PPB	#	71
50) 4-Methyl-2-Pentanone	11.34	43	4641866	11.210	PPB	#	95
52) Toluene	11.58	91	4305104	11.265	PPB		99
53) Octane	11.95	43	5254735	11.531	PPB	#	89
54) trans-1,3-Dichloropropene	12.11	75	1583226	10.656	PPB		90
55) Ethyl Methacrylate	12.43	69	2116476	11.677	PPB	#	79
56) 1,1,2-Trichloroethane	12.47	97	1420768	10.137	PPB		86
57) Tetrachloroethene	12.70	166	1924760	10.958	PPB		98
58) 2-Hexanone	13.17	43	3829686	11.177	PPB	#	78
59) Dibromochloromethane	13.29	127	2086089	10.583	PPB		98
60) 1,2-Dibromoethane	13.49	107	2156796	11.149	PPB		97
61) Chlorobenzene	14.65	112	3432162	10.884	PPB	#	86
62) 1,1,1,2-Tetrachloroethane	14.89	131	1937484	10.116	PPB		98
63) Ethylbenzene	14.99	91	5893567	11.017	PPB		92
64) m/p-Xylene	15.29	91	9288802	21.525	PPB		91
65) o-Xylene	16.23	91	4621778	11.045	PPB		89
66) Styrene	16.28	104	3420745	11.286	PPB	#	100
67) Bromoform	16.66	173	2281105	11.214	PPB		97
68) Cumene	17.21	105	5762941	11.888	PPB		93
69) 1,1,2,2-Tetrachloroethane	18.04	83	2804623	14.438	PPB		96
70) 1,2,3-Trichloropropane	18.07	110	858096	11.408	PPB	#	64
71) Bromobenzene	17.84	156	1827886	11.560	PPB		98
72) 4-Ethyltoluene	18.59	105	6129986	10.847	PPB		93
73) 1,3,5-Trimethylbenzene	18.78	105	5389513	11.115	PPB		92
74) Alpha Methyl Styrene	19.37	118	2609376	12.039	PPB	#	94
75) 1,2,4-Trimethylbenzene	19.74	105	5166606	10.778	PPB		90
76) 1,3-Dichlorobenzene	20.40	146	3119547	11.366	PPB		96
77) 1,4-Dichlorobenzene	20.69	146	2979498	11.338	PPB		97
78) Benzyl Chloride	16.23	91	4621778	11.045	PPB	#	100
79) 1,2-Dichlorobenzene	21.85	146	2722938	10.394	PPB		96
80) Hexachloroethane	22.50	117	2090535	11.682	PPB		97
81) 1,2,4-Trichlorobenzene	24.92	180	1168915	10.110	PPB		98
82) Hexachlorobutadiene	25.18	225	1547505	9.763	PPB		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

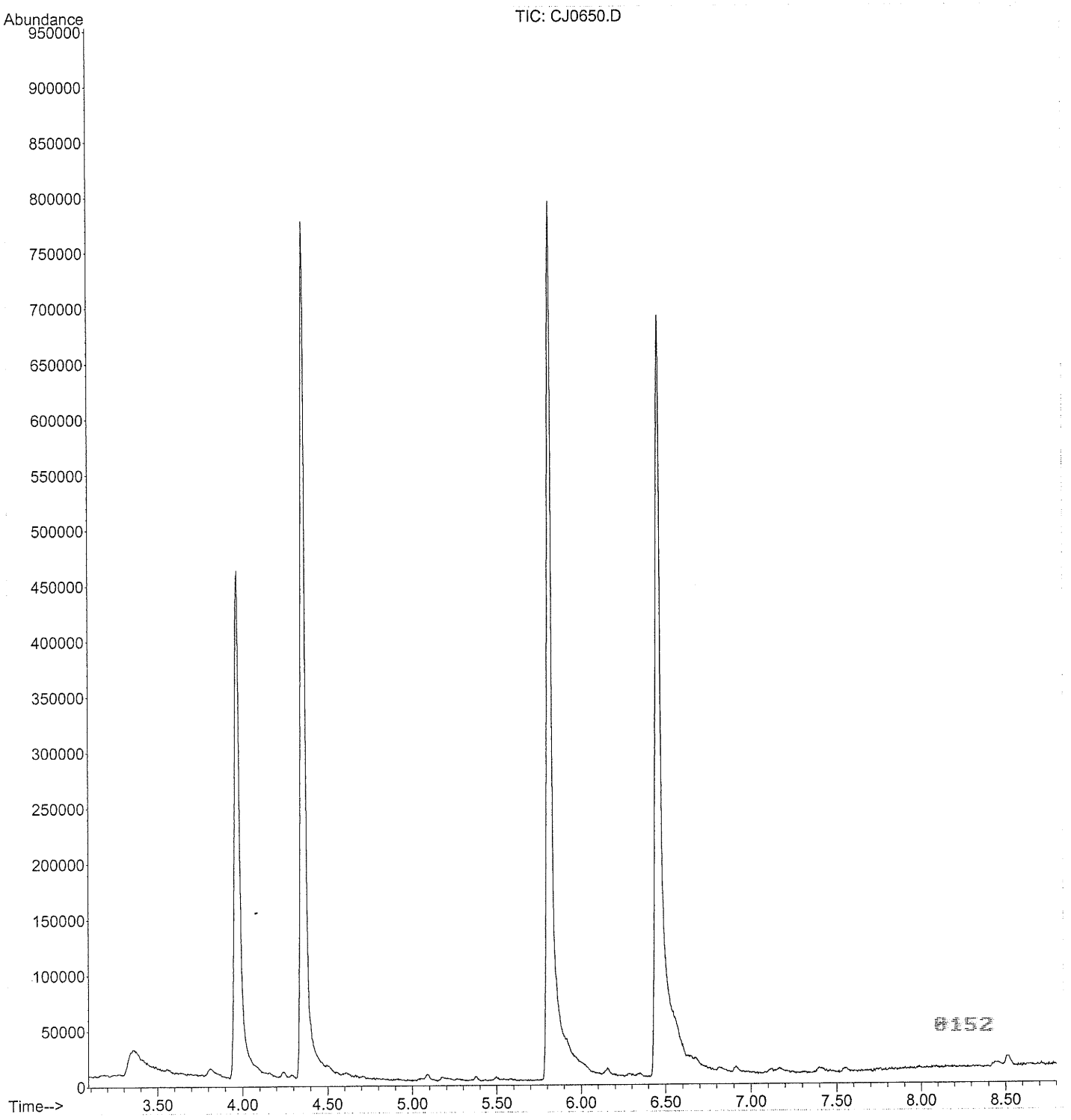
0150

Raw QC Data

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT27\
Data File : CJ0650.D
Acq On : 27 Oct 2005 7:28
Operator : JBS
Sample : BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 27 07:37:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\BFB5973.M
Quant Title :
QLast Update : Thu Feb 17 14:59:05 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT27\
Data File : CJ0650.D
Acq On : 27 Oct 2005 7:28
Operator : JBS
Sample : BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 27 07:37:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\BFB5973.M
Quant Title :
QLast Update : Thu Feb 17 14:59:05 2005
Response via : Initial Calibration

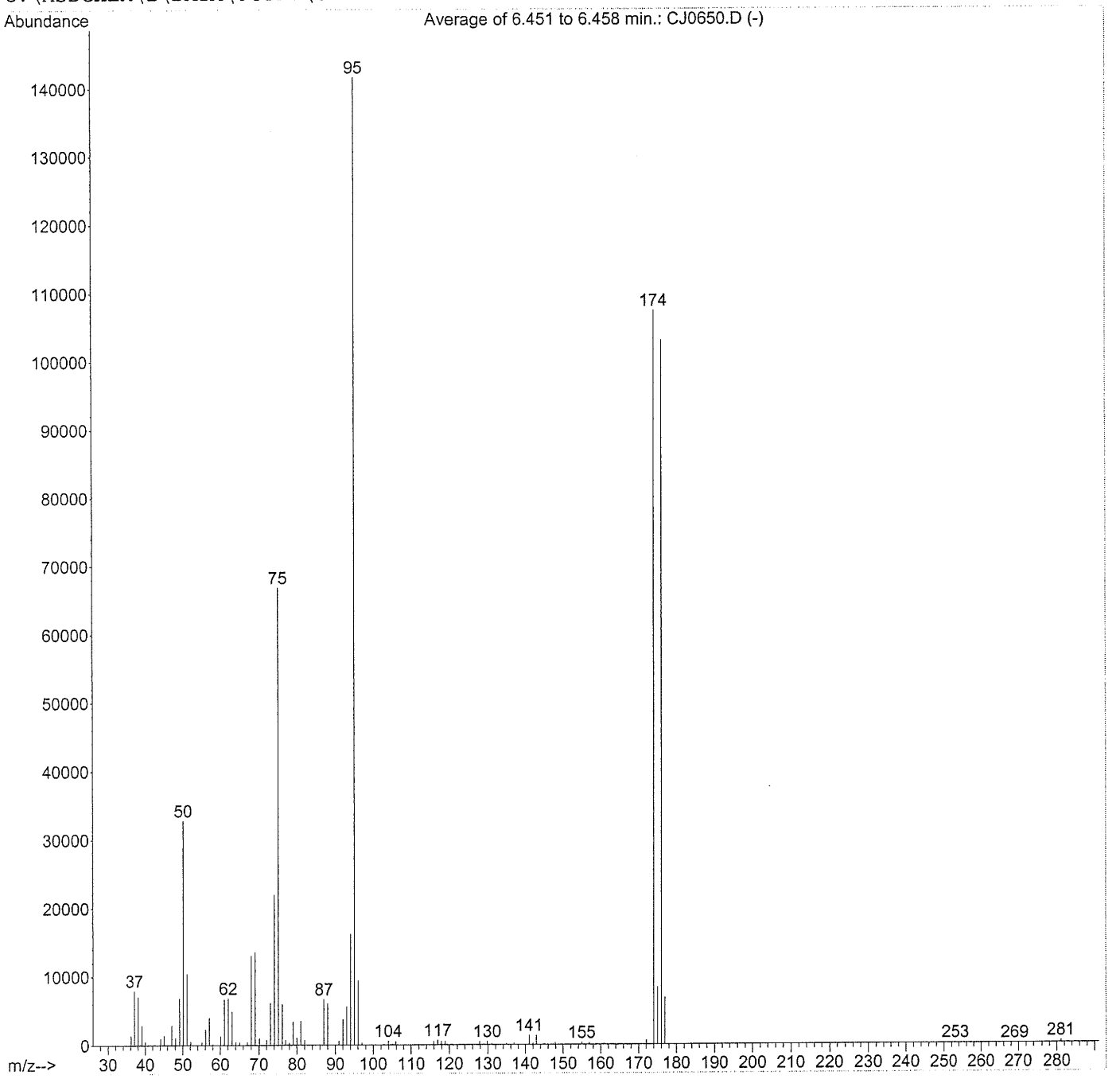
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
1) BFB	6.46	95	3645735	No Calib		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0153

BFB 624 Results

C:\MSDCHEM\1\DATA\OCT27\CJ0650.D Thu Oct 27 07:37:30 2005



Peak Apex is scan: 1051
Average of 3 scans: 1050,1051,1052 minus background scan 1036

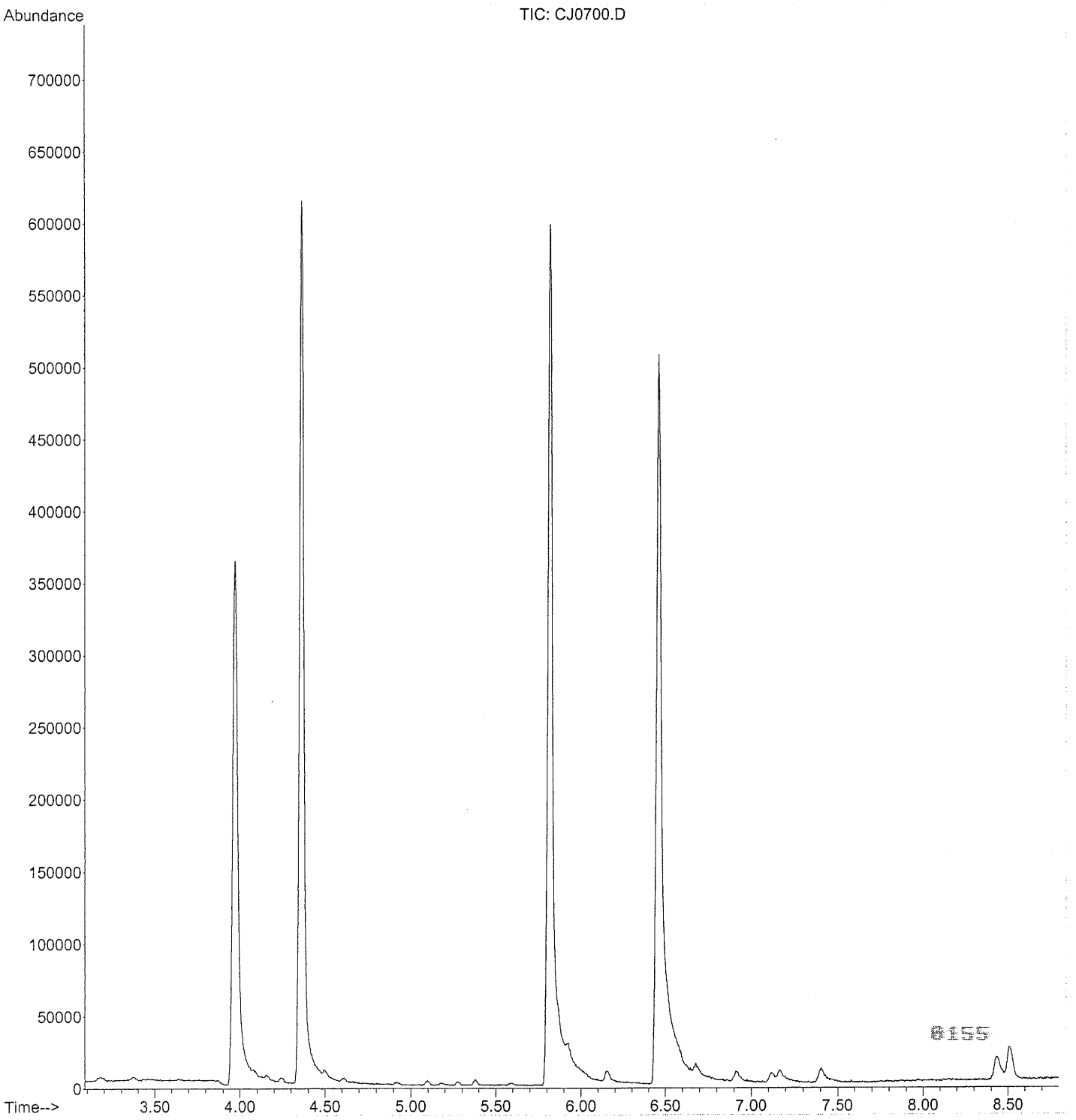
Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
50	95	15	40	23.2	PASS
75	95	30	60	47.2	PASS
95	95	100	100	100.0	PASS
96	95	5	9	6.6	PASS
173	174	0	2	0.0	PASS
174	95	50	100	75.8	PASS
175	174	5	9	7.8	PASS
176	174	95	101	96.0	PASS
177	176	5	9	6.7	PASS

0154

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT28\
Data File : CJ0700.D
Acq On : 28 Oct 2005 7:39
Operator : JBS
Sample : BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 28 07:48:44 2005
Quant Method : C:\MSDCHEM\1\METHODS\BFB5973.M
Quant Title :
QLast Update : Thu Feb 17 14:59:05 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT28\
Data File : CJ0700.D
Acq On : 28 Oct 2005 7:39
Operator : JBS
Sample : BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 28 07:48:44 2005
Quant Method : C:\MSDCHEM\1\METHODS\BFB5973.M
Quant Title :
QLast Update : Thu Feb 17 14:59:05 2005
Response via : Initial Calibration

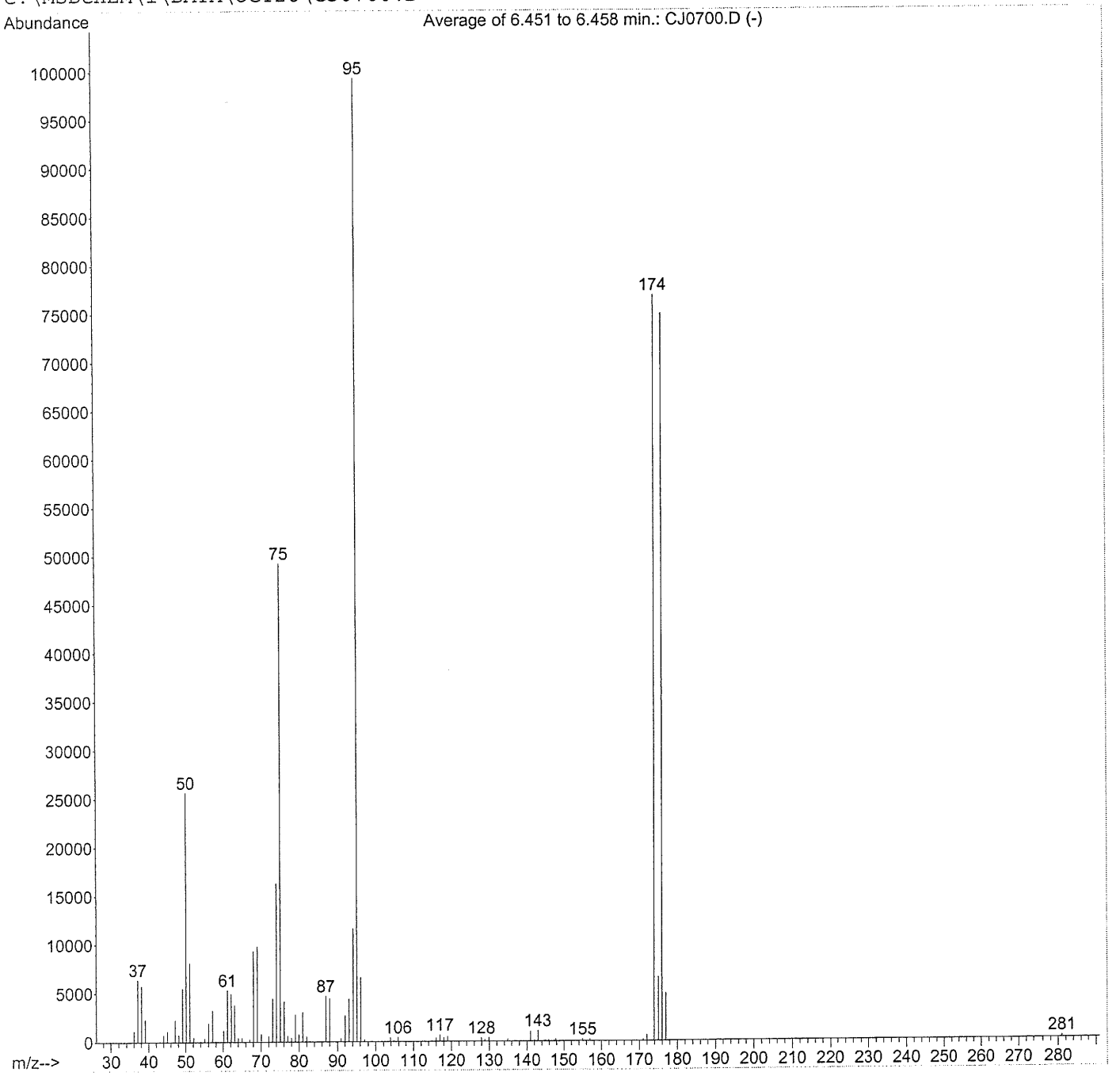
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
Target Compounds						Qvalue
1) BFB	6.46	95	2574147	No Calib		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0156

BFB 624 Results

C:\MSDCHEM\1\DATA\OCT28\CJ0700.D Fri Oct 28 07:48:46 2005



Peak Apex is scan: 1051
Average of 3 scans: 1050,1051,1052 minus background scan 1038

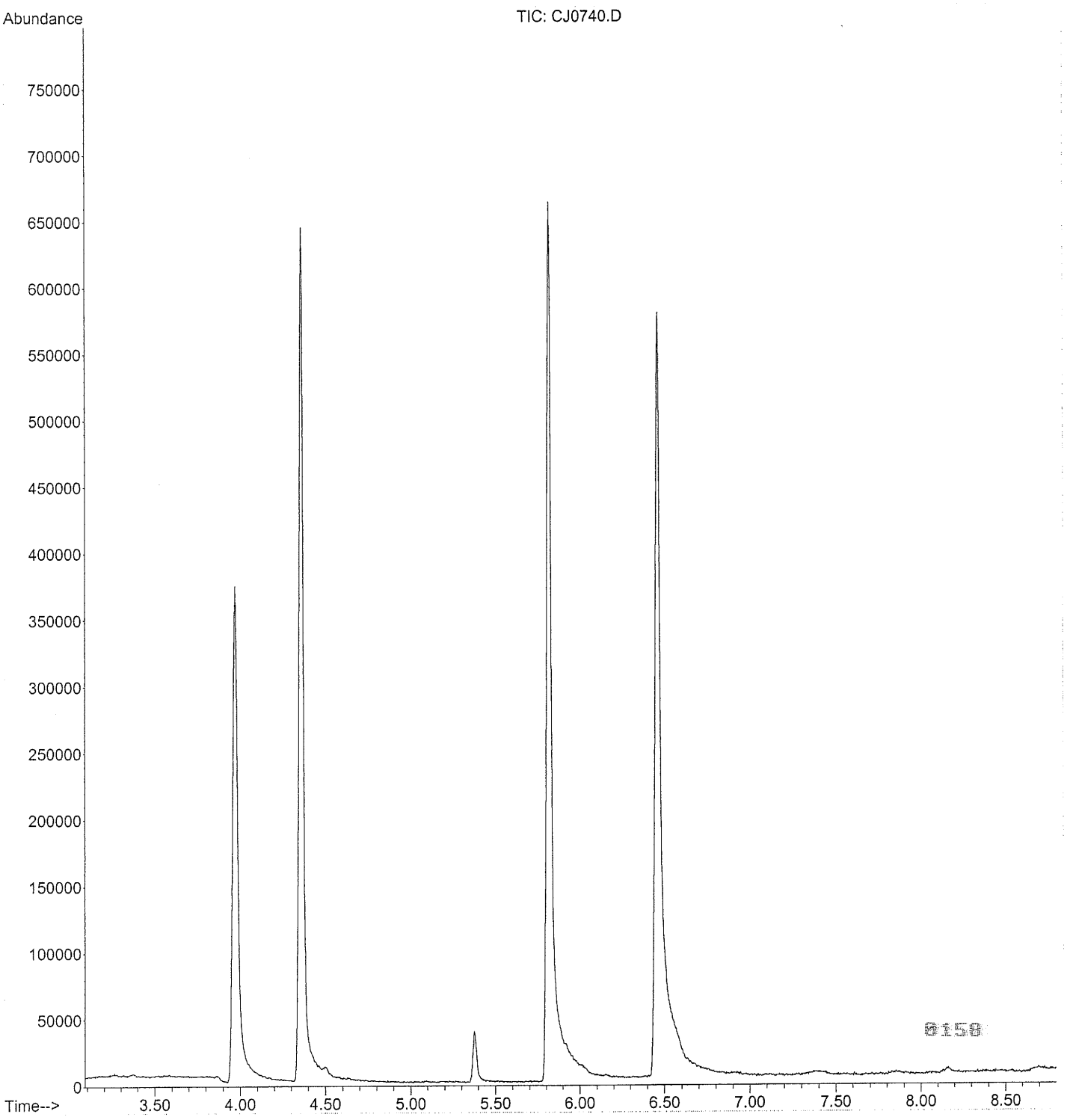
Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
50	95	15	40	25.9	PASS
75	95	30	60	49.6	PASS
95	95	100	100	100.0	PASS
96	95	5	9	6.6	PASS
173	174	0	2	0.0	PASS
174	95	50	100	77.4	PASS
175	174	5	9	8.5	PASS
176	174	95	101	97.5	PASS
177	176	5	9	6.5	PASS

0157

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT29\
Data File : CJ0740.D
Acq On : 29 Oct 2005 12:20
Operator : JBS
Sample : BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 29 12:29:50 2005
Quant Method : C:\MSDCHEM\1\METHODS\BFB5973.M
Quant Title :
QLast Update : Thu Feb 17 14:59:05 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT29\
Data File : CJ0740.D
Acq On : 29 Oct 2005 12:20
Operator : JBS
Sample : BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 29 12:29:50 2005
Quant Method : C:\MSDCHEM\1\METHODS\BFB5973.M
Quant Title :
QLast Update : Thu Feb 17 14:59:05 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

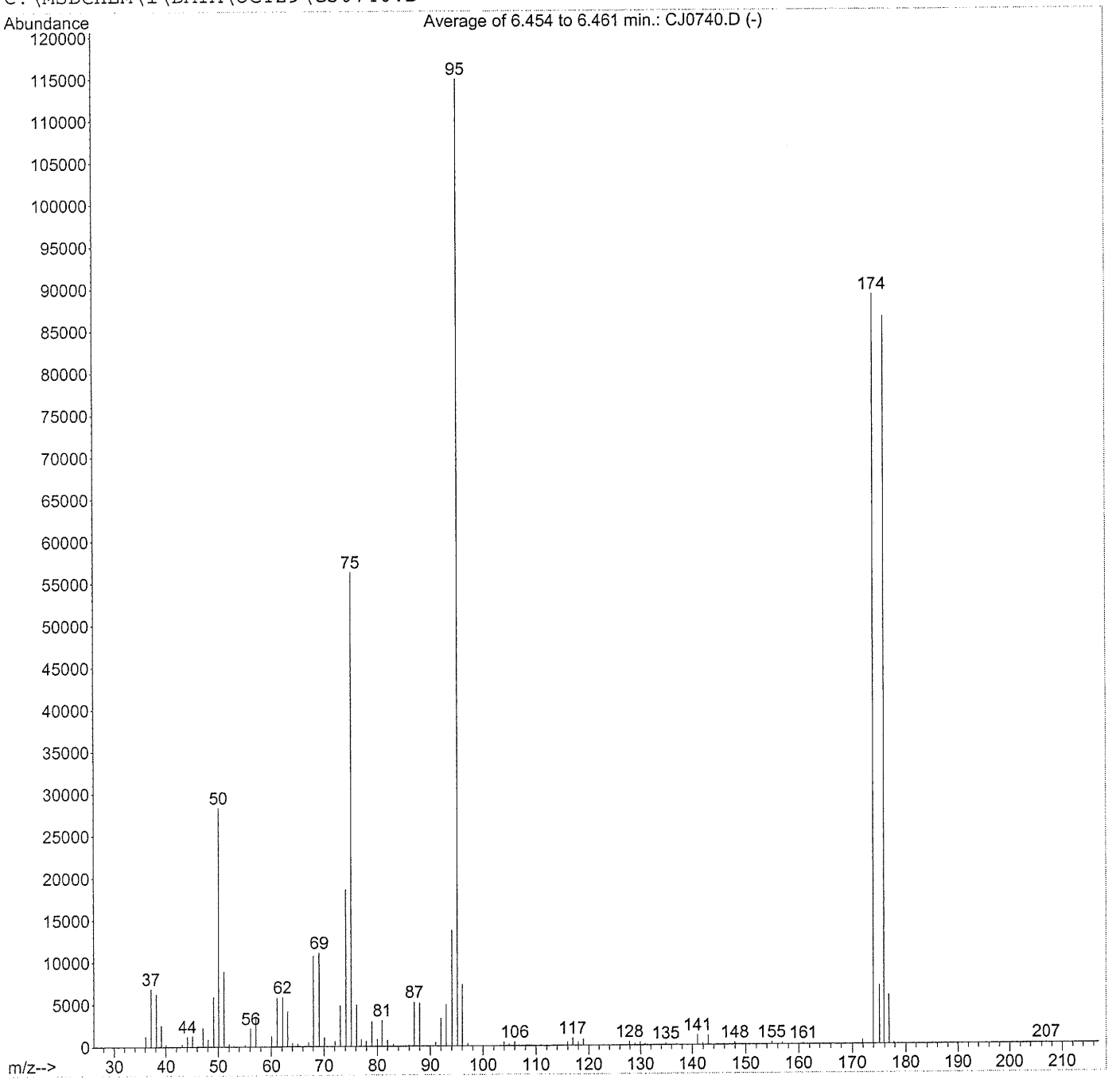
Target Compounds						Qvalue
1) BFB	6.46	95	2942573	No Calib		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0159

BFB 624 Results

C:\MSDCHEM\1\DATA\OCT29\CJ0740.D Sat Oct 29 12:29:52 2005



Peak Apex is scan: 1052
Average of 3 scans: 1051,1052,1053 minus background scan 1037

Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
50	95	15	40	24.7	PASS
75	95	30	60	49.0	PASS
95	95	100	100	100.0	PASS
96	95	5	9	6.4	PASS
173	174	0	2	0.0	PASS
174	95	50	100	77.5	PASS
175	174	5	9	7.8	PASS
176	174	95	101	97.0	PASS
177	176	5	9	6.7	PASS

0168

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: VBLKC23 Date Collected: Date Received:
Lab Sample ID: VBLKC23 Date Analyzed: 10/28/05 Time Analyzed: 09:42
Canister ID: SUMMA Pressure Rec'd: 14.7 psia Final Pressure: 14.7 psia
Injection Volume: 250 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 Lab File ID: C:\MSDCHEM\1\DATA\OCT28\CJ0703.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ppb(v)	Q
75-71-8	Dichlorodifluoromethane	0.2	U
76-14-2	Freon 114	0.2	U
74-87-3	Chloromethane	0.2	U
75-01-4	Vinyl Chloride	0.2	U
74-83-9	Bromomethane	0.2	U
75-00-3	Chloroethane	0.2	U
75-69-4	Trichlorofluoromethane	0.2	U
75-35-4	1,1-Dichloroethene	0.2	U
76-13-1	Freon 113	0.5	U
107-05-1	3-Chloropropene	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	U
67-66-3	Chloroform	0.2	U
71-55-6	1,1,1-Trichloroethane	0.2	U
56-23-5	Carbon Tetrachloride	0.2	U
107-06-2	1,2-Dichloroethane	0.2	U
71-43-2	Benzene	0.2	U
79-01-6	Trichloroethene	0.2	U
78-87-5	1,2-Dichloropropane	0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	U
108-88-3	Toluene	0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	U
127-18-4	Tetrachloroethene	0.2	U
106-93-4	1,2-Dibromoethane	0.2	U
108-90-7	Chlorobenzene	0.2	U
100-41-4	Ethylbenzene	0.2	U
1330-20-7	m/p-Xylene	0.2	U
95-47-6	o-Xylene	0.2	U
100-42-5	Styrene	0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	U
622-96-8	4-Ethyltoluene	0.2	U
108-67-8	1,3,5-Trimethylbenzene	0.2	U

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: VBLKC23 Date Collected: Date Received:
Lab Sample ID: VBLKC23 Date Analyzed: 10/28/05 Time Analyzed: 09:42
Canister ID: SUMMA Pressure Rec'd: 14.7 psia Final Pressure: 14.7 psia
Injection Volume: 250 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP0946# 11/16/05 Lab File ID: C:\MSDCHEM\1\DATA\OCT28\CJ0703.D

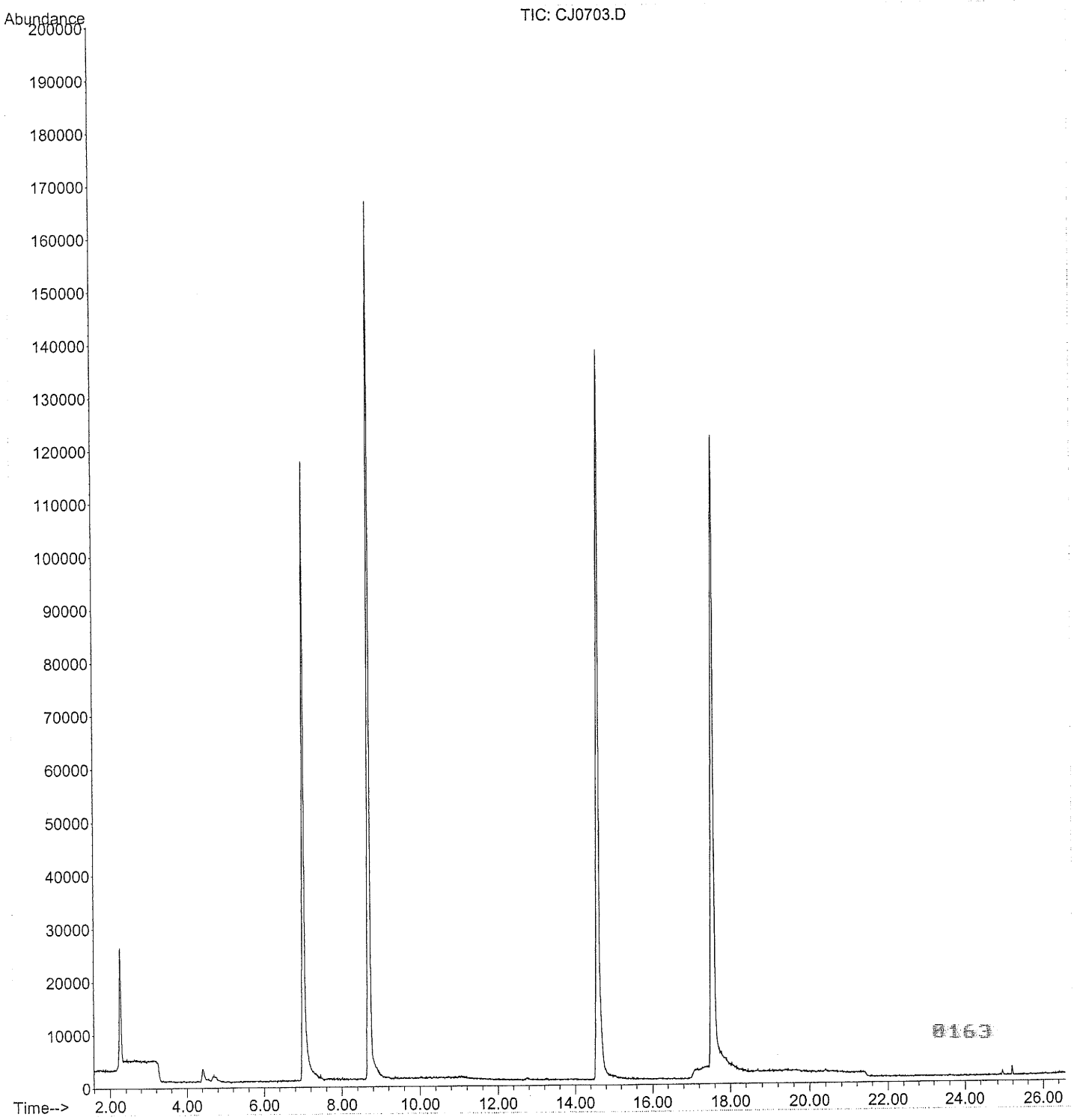
CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ppb(v)	Q
95-63-6	1,2,4-Trimethylbenzene	0.2	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
120-82-1	1,2,4-Trichlorobenzene	1	U

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT28\
Data File : CJ0703.D
Acq On : 28 Oct 2005 9:42
Operator : JBS
Sample : VBLKC23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 28 10:08:48 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT28\
Data File : CJ0703.D
Acq On : 28 Oct 2005 9:42
Operator : JBS
Sample : VBLKC23
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 28 10:08:48 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.01	130	566273	10.000		0.00
37) 1,4-Difluorobenzene	8.69	114	2061811	10.000		0.00
51) Chlorobenzene d5	14.57	117	1826290	10.000		0.00

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0164

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: VBLKC25 Date Collected: Date Received:
Lab Sample ID: VBLKC25 Date Analyzed: 10/29/05 Time Analyzed: 14:57
Canister ID: SUMMA Pressure Rec'd: 14.7 psia Final Pressure: 14.7 psia
Injection Volume: 250 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 11/16/05 Lab File ID: C:\MSDCHEM\1\DATA\OCT29\CJ0744.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ppb(v)	Q
75-71-8	Dichlorodifluoromethane	0.2	U
76-14-2	Freon 114	0.2	U
74-87-3	Chloromethane	0.2	U
75-01-4	Vinyl Chloride	0.2	U
74-83-9	Bromomethane	0.2	U
75-00-3	Chloroethane	0.2	U
75-69-4	Trichlorofluoromethane	0.2	U
75-35-4	1,1-Dichloroethene	0.2	U
76-13-1	Freon 113	0.5	U
107-05-1	3-Chloropropene	0.5	U
75-09-2	Methylene Chloride	0.5	U
75-34-3	1,1-Dichloroethane	0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	U
67-66-3	Chloroform	0.2	U
71-55-6	1,1,1-Trichloroethane	0.2	U
56-23-5	Carbon Tetrachloride	0.2	U
107-06-2	1,2-Dichloroethane	0.2	U
71-43-2	Benzene	0.2	U
79-01-6	Trichloroethene	0.2	U
78-87-5	1,2-Dichloropropane	0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	U
108-88-3	Toluene	0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	U
127-18-4	Tetrachloroethene	0.2	U
106-93-4	1,2-Dibromoethane	0.2	U
108-90-7	Chlorobenzene	0.2	U
100-41-4	Ethylbenzene	0.2	U
1330-20-7	m/p-Xylene	0.2	U
95-47-6	o-Xylene	0.2	U
100-42-5	Styrene	0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	U
622-96-8	4-Ethyltoluene	0.2	U
108-67-8	1,3,5-Trimethylbenzene	0.2	U

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: VBLKC25 Date Collected: Date Received:
Lab Sample ID: VBLKC25 Date Analyzed: 10/29/05 Time Analyzed: 14:57
Canister ID: SUMMA Pressure Rec'd: 14.7 psia Final Pressure: 14.7 psia
Injection Volume: 250 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 11/14/05 Lab File ID: C:\MSDCHEM\1\DATA\OCT29\CJ0744.D

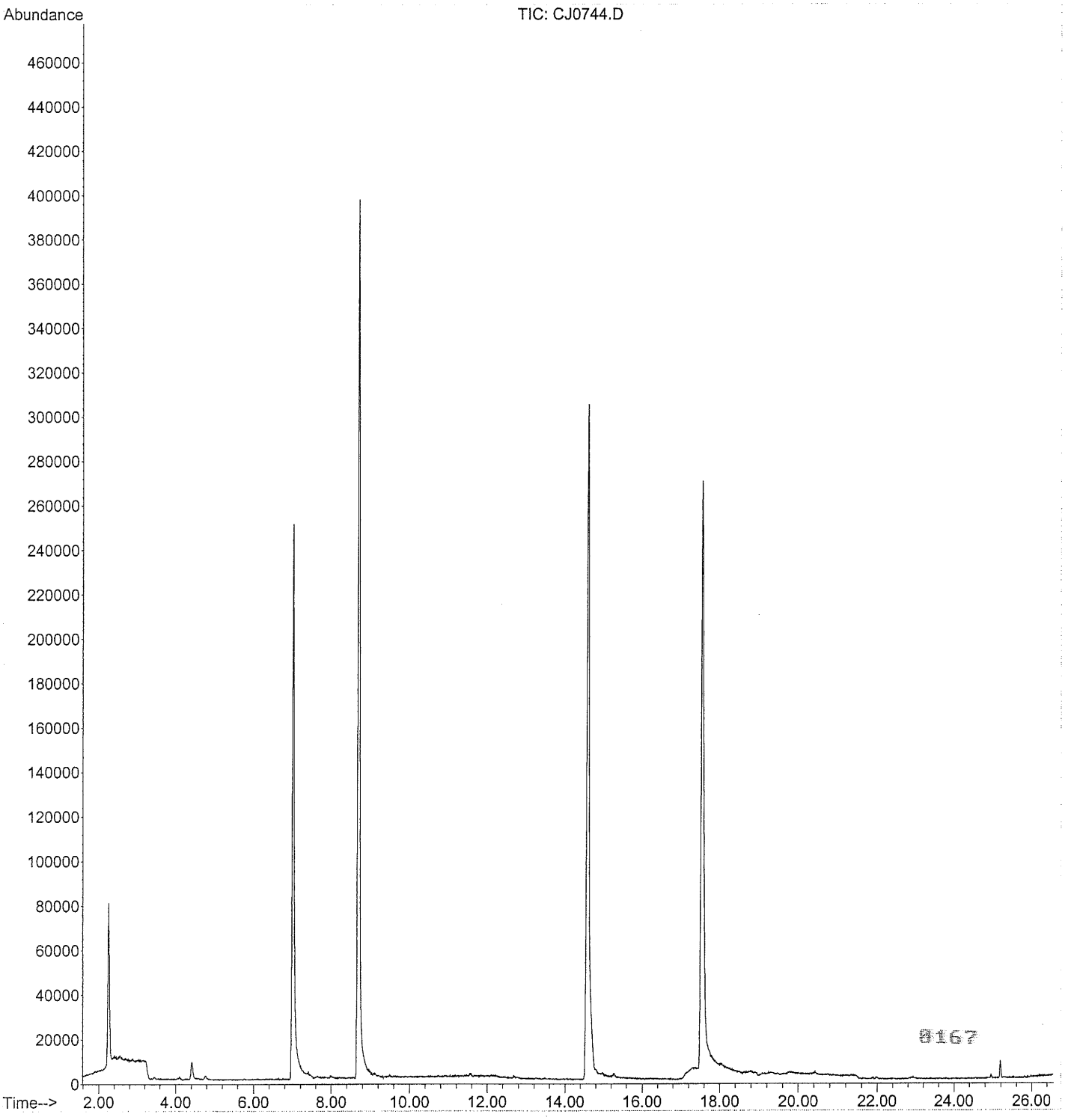
CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ppb(v)	Q
95-63-6	1,2,4-Trimethylbenzene	0.2	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
120-82-1	1,2,4-Trichlorobenzene	1	U

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT29\
Data File : CJ0744.D
Acq On : 29 Oct 2005 14:57
Operator : JBS
Sample : VBLKC25
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 29 15:24:11 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sat Oct 29 13:19:44 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT29\
Data File : CJ0744.D
Acq On : 29 Oct 2005 14:57
Operator : JBS
Sample : VBLKC25
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 29 15:24:11 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sat Oct 29 13:19:44 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.01	130	1282140	10.000		0.00
37) 1,4-Difluorobenzene	8.69	114	5110543	10.000		-0.01
51) Chlorobenzene d5	14.57	117	4104204	10.000		-0.01

Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: LCSC23 Date Collected: Date Received:
Lab Sample ID: LCSC23 Date Analyzed: 10/28/05 Time Analyzed: 10:18
Canister ID: SUMMA Pressure Rec'd: 14.7 psia Final Pressure: 14.7 psia
Injection Volume: 250 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 Lab File ID: C:\MSDCHEM\1\DATA\OCT28\CJ0704.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
75-71-8	Dichlorodifluoromethane	37	
76-14-2	Freon 114	52	
74-87-3	Chloromethane	15	
75-01-4	Vinyl Chloride	18	
74-83-9	Bromomethane	29	
75-00-3	Chloroethane	20	
75-69-4	Trichlorofluoromethane	44	
75-35-4	1,1-Dichloroethene	31	
76-13-1	Freon 113	65	
107-05-1	3-Chloropropene	2	U
75-09-2	Methylene Chloride	28	
75-34-3	1,1-Dichloroethane	33	
156-59-2	cis-1,2-Dichloroethene	32	
67-66-3	Chloroform	43	
71-55-6	1,1,1-Trichloroethane	48	
56-23-5	Carbon Tetrachloride	53	
107-06-2	1,2-Dichloroethane	38	
71-43-2	Benzene	27	
79-01-6	Trichloroethene	42	
78-87-5	1,2-Dichloropropane	39	
10061-01-5	cis-1,3-Dichloropropene	34	
108-88-3	Toluene	33	
10061-02-6	trans-1,3-Dichloropropene	40	
79-00-5	1,1,2-Trichloroethane	46	
127-18-4	Tetrachloroethene	55	
106-93-4	1,2-Dibromoethane	66	
108-90-7	Chlorobenzene	38	
100-41-4	Ethylbenzene	36	
1330-20-7	m/p-Xylene	73	
95-47-6	o-Xylene	39	
100-42-5	Styrene	40	
79-34-5	1,1,2,2-Tetrachloroethane	77	
622-96-8	4-Ethyltoluene	41	
108-67-8	1,3,5-Trimethylbenzene	48	

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

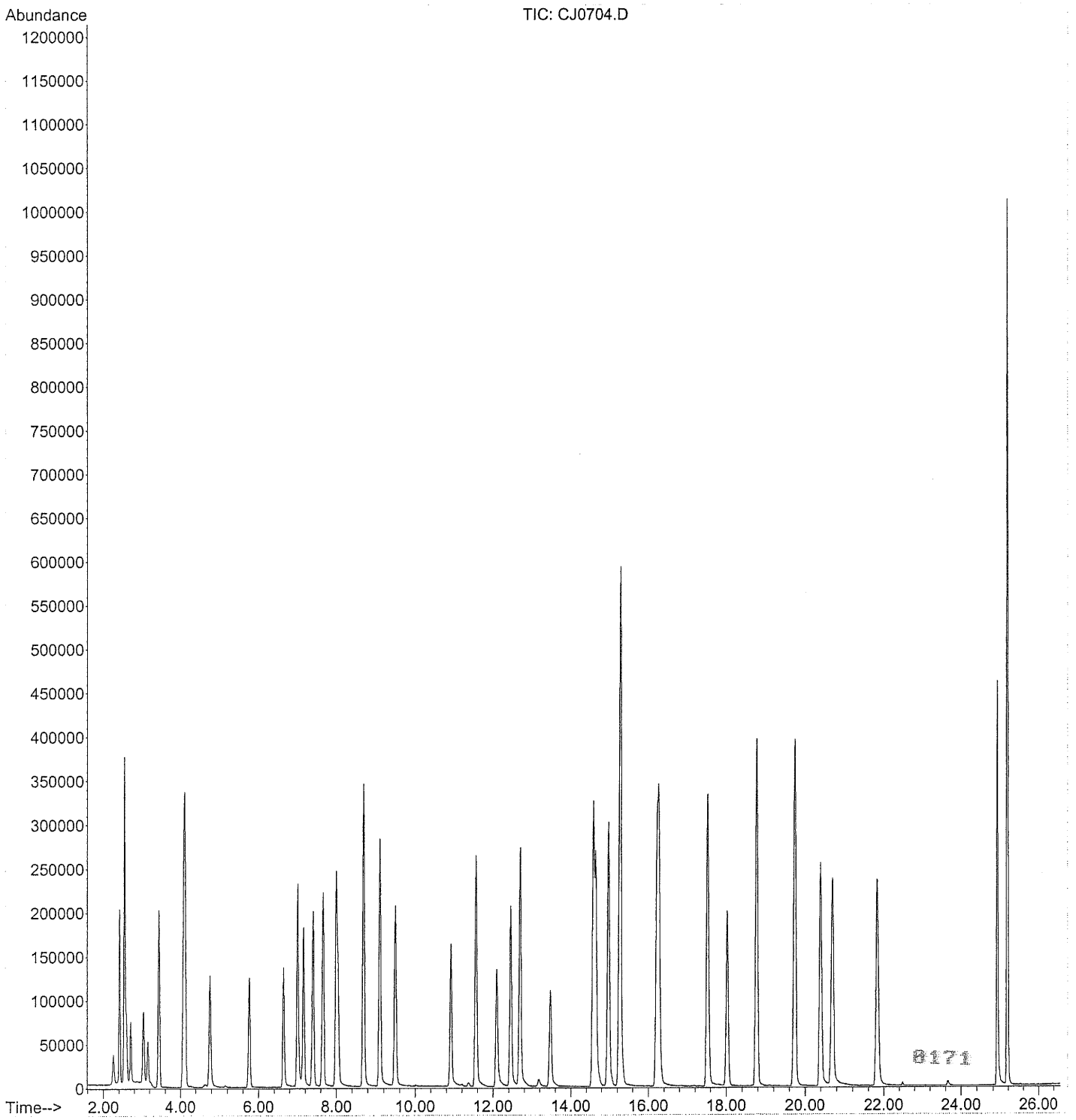
Sample No.: LCSC23 Date Collected: Date Received:
Lab Sample ID: LCSC23 Date Analyzed: 10/28/05 Time Analyzed: 10:18
Canister ID: SUMMA Pressure Rec'd: 14.7 psia Final Pressure: 14.7 psia
Injection Volume: 250 cc Nominal Volume: 250 cc Dilution Factor: 1.0
Instrument ID: HP09464 Lab File ID: C:\MSDCHEM\1\DATA\OCT28\CJ0704.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
95-63-6	1,2,4-Trimethylbenzene	50	
541-73-1	1,3-Dichlorobenzene	57	
106-46-7	1,4-Dichlorobenzene	59	
95-50-1	1,2-Dichlorobenzene	56	
120-82-1	1,2,4-Trichlorobenzene	120	

U = Compound was undetected at the specified limit of quantitation.
B = Compound was found in method blank. D = analysis of diluted sample.
J = Compound was detected, but below the limit of quantitation.

Data Path : C:\MSDCHEM\1\DATA\OCT28\
Data File : CJ0704.D
Acq On : 28 Oct 2005 10:18
Operator : JBS
Sample : LCSC23
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 28 10:45:25 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\OCT28\
Data File : CJ0704.D
Acq On : 28 Oct 2005 10:18
Operator : JBS
Sample : LCSC23
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 28 10:45:25 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Oct 28 08:49:53 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	7.01	130	1023334	10.000			0.00
37) 1,4-Difluorobenzene	8.69	114	3957263	10.000			0.00
51) Chlorobenzene d5	14.58	117	3645200	10.000			0.00
Target Compounds							Qvalue
3) Dichlorodifluoromethane	2.42	85	2243514	7.488	PPB		100
5) Freon 114	2.54	85	2552697	7.504	PPB	#	80
6) Chloromethane	2.59	50	1432922	7.442	PPB		96
7) Vinyl Chloride	2.70	62	964855	7.142	PPB		99
9) Bromomethane	3.04	94	758755	7.406	PPB		96
10) Chloroethane	3.15	64	519673	7.754	PPB		99
12) Trichlorofluoromethane	3.44	101	2290542	7.803	PPB		98
15) 1,1-Dichloroethene	4.08	61	1639890	7.786	PPB	#	86
16) Freon 113	4.11	103	1195514	8.478	PPB		93
22) Methylene Chloride	4.76	84	703143	8.184	PPB	#	70
28) 1,1-Dichloroethane	5.76	63	1929975	8.108	PPB		100
30) cis-1,2-Dichloroethene	6.65	61	1350221	8.059	PPB	#	75
34) Chloroform	7.16	83	1912082	8.769	PPB		94
35) 1,1,1-Trichloroethane	7.40	97	1971257	8.813	PPB	#	92
36) Carbon Tetrachloride	7.66	117	2046138	8.417	PPB		99
38) 1,2-Dichloroethane	8.04	62	1482453	9.313	PPB		99
39) Benzene	8.00	78	2726239	8.431	PPB	#	93
42) Trichloroethene	9.10	130	1387041	7.836	PPB	#	86
44) 1,2-Dichloropropane	9.50	63	1236740	8.532	PPB		97
49) cis-1,3-Dichloropropene	10.91	75	1403670	7.586	PPB	#	72
50) 4-Methyl-2-Pentanone	11.37	43	77938	0.204	PPB	#	49
52) Toluene	11.56	91	3376257	8.626	PPB		100
54) trans-1,3-Dichloropropene	12.09	75	1333806	8.766	PPB		97
56) 1,1,2-Trichloroethane	12.45	97	1219411	8.496	PPB		88
57) Tetrachloroethene	12.69	166	1455357	8.090	PPB		99
58) 2-Hexanone	13.18	43	168999	0.482	PPB	#	87
60) 1,2-Dibromoethane	13.47	107	1689947	8.530	PPB		98
61) Chlorobenzene	14.64	112	2641298	8.179	PPB	#	86
63) Ethylbenzene	14.97	91	4560282	8.324	PPB		92
64) m/p-Xylene	15.27	91	7478820	16.923	PPB		91
65) o-Xylene	16.22	91	3811061	8.893	PPB		89
66) Styrene	16.26	104	2949851	9.503	PPB	#	100
69) 1,1,2,2-Tetrachloroethane	18.02	83	2235612	11.238	PPB		96
72) 4-Ethyltoluene	18.76	105	4814286	8.318	PPB	#	74
73) 1,3,5-Trimethylbenzene	18.76	105	4809353	9.685	PPB		92
74) Alpha Methyl Styrene	19.73	118	63780	0.287	PPB	#	1
75) 1,2,4-Trimethylbenzene	19.73	105	4968238	10.120	PPB		90
76) 1,3-Dichlorobenzene	20.39	146	2672400	9.507	PPB		97
77) 1,4-Dichlorobenzene	20.68	146	2634489	9.789	PPB		96
78) Benzyl Chloride	16.22	91	3811061	8.893	PPB	#	100
79) 1,2-Dichlorobenzene	21.84	146	2509671	9.354	PPB		96
81) 1,2,4-Trichlorobenzene	24.91	180	1989343	16.800	PPB		99
82) Hexachlorobutadiene	25.18	225	2286802	14.087	PPB		97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed