Data File : M:\AIR_M\2A13-0613\M13F192.D
Acq On : 14 Jun 2013 11:05 pm
Sample : 13060090-01A
Misc : SAMP;TO-15_LDEQ
MS Integration Params: RTEINT_D.P
Quant Time: Jun 15 00:01:30 2013
Results File: M13F12.RES

Vial: 5
Operator: E_G
Inst : M
Multiplr: 1.00

SubList: spl_lims.sub

Quant Method : M:\AIR_M_METHODS\M13F12.M (RTE Integrator)
Title : TO-15 LA
Last Update : Wed Jun 12 20:15:11 2013
Response via : Initial Calibration
DataAcq Meth : TO15_LAM.M

EG 6-14-13

Compound	R.T.	QIon	Response	OnCol	ppbv		Dev(Min)
Internal Standards							
1) Bromochloromethane	14.86	49	184993		6.25		0.02
33) 1,4-Difluorobenzene	18.53	114	642697		6.25		0.00
47) Chlorobenzene-d5	28.04	117	607793		6.25		0.00
System Monitoring Compounds							
54) 4-Bromofluorobenzene	31.96	95	410184	99.28	99.28		0.01
Target Compounds							Qvalue
2) Freon 12	8.28	85	28751	0.48	0.48		99
3) Chloromethane	8.47	50	19326	1.03	1.03		96
4) Freon 114	8.60	85	1014	0.02	0.02		97
5) Vinyl Chloride	0.00	62	0	N.D.	N.D.		
6) 1,3-Butadiene	8.89	54	497	0.03	0.03	#	74
7) Bromomethane	0.00	94	0	N.D.	N.D.		
8) Chloroethane	0.00	64	0	N.D.	N.D.		
9) Acetonitrile	9.92	41	3362	0.17	0.17		84
10) Acetone	10.25	58	45741	4.56	4.56		89
11) Freon 11	10.42	101	15616	0.24	0.24		99
12) Acrylonitrile	10.89	53	692	0.05	0.05	#	8
13) Diethyl Ether	0.00	59	0	N.D.	N.D.		
14) 1,1-Dichloroethene	0.00	61	0	N.D.	N.D.		
15) Methylene chloride	11.48	49	3563	0.13	0.13	#	66
16) Allyl chloride	0.00	41	0	N.D.	N.D.		
17) Carbon disulfide	0.00	76	0	N.D.	N.D.		
18) Freon 113	11.87	101	3077	0.07	0.07		100
19) 1,1-Dichloroethane	0.00	63	0	N.D.	N.D.		
20) Methyl tert-butyl ether	13.37	73	997	0.02	0.02	#	45
21) Methacrylonitrile	0.00	67	0	N.D.	N.D.		
22) 2-Butanone	13.93	43	22924	0.53	0.53	#	90
23) cis-1,2-Dichloroethylene	0.00	61	0	N.D.	N.D.		
24) Methyl acrylate	14.96	55	1042	0.03	0.03	#	69
25) Chloroform	15.10	83	1098	0.02	0.02		95
26) Tetrahydrofuran	15.98	42	506	0.02	0.02	#	49
27) 1,2-Dichloroethane	16.43	62	1097	0.03	0.03		95
28) 1,1,1-Trichloroethane	0.00	97	0	N.D.	N.D.		
29) Chlorobutane	0.00	56	0	N.D.	N.D.		
30) Chloroacetonitrile	0.00	75	0	N.D.	N.D.		
31) Benzene	17.74	78	19042	0.33	0.33		98
32) Carbon tetrachloride	18.04	117	5317	0.09	0.09		97
34) 1,2-Dichloropropane	0.00	63	0	N.D.	N.D.		
35) Trichloroethylene	0.00	95	0	N.D.	N.D.		
36) Methyl methacrylate	0.00	69	0	N.D.	N.D.		
37) Nitropropane	0.00	41	0	N.D.	N.D.		
38) cis-1,3-dichloropropylene	0.00	75	0	N.D.	N.D.		
39) 4-Methyl-2-pentanone	22.01	43	372	0.01	0.01	#	52
40) trans-1,3-Dichloropropene	0.00	75	0	N.D.	N.D.		
41) 1,1,2-Trichloroethane	0.00	97	0	N.D.	N.D.		
42) Toluene	23.91	91	8325	0.10	0.10		99
43) 2-Hexanone	24.73	43	1934	0.03	0.03	#	76
44) Ethyl methacrylate	0.00	69	0	N.D.	N.D.		
45) 1,2-Dibromoethane	0.00	107	0	N.D.	N.D.		
46) Tetrachloroethylene	0.00	166	0	N.D.	N.D.		
48) Chlorobenzene	28.16	112	624m	0.01	0.01	#	
49) Ethylbenzene	29.14	91	2360	0.02	0.02		100
50) m+p-Xylenes	29.58	91	3075m	0.03	0.03	#	

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Quant Time: Jun 15 00:01:30 2013
Results File: M13F12.RES

Vial: 5
Operator: E_G
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Multiplr: 1.00

SubList: spl_lims.sub

Quant Method : M:\AIR_M_METHODS\M13F12.M (RTE Integrator)
Title : TO-15 LA
Last Update : Wed Jun 12 20:15:11 2013
Response via : Initial Calibration
DataAcq Meth : TO15_LAM.M

Compound	R.T.	QIon	Response	OnCol	ppbv		Dev(Min)
51) Styrene	30.51	104	840	0.01	0.01	#	34
52) o-Xylene	30.77	91	1631	0.02	0.02		93
53) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	N.D.		
55) 1,3,5-Trimethylbenzene	34.49	105	633	0.01	0.01	#	26
56) 1,2,4-Trimethylbenzene	35.64	105	1103	0.01	0.01	#	73
57) m-Dichlorobenzene	35.99	146	658	0.01	0.01	#	37
58) Benzyl chloride	36.01	91	379	0.01	0.01	#	51
59) p-Dichlorobenzene	36.22	146	1121m	0.01	0.01	#	
60) o-Dichlorobenzene	37.27	146	531	0.01	0.01	#	36
61) Nitrobenzene	0.00	77	0	N.D.	N.D.		
62) 1,2,4-Trichlorobenzene	42.94	180	662	0.01	0.01	#	62
63) Hexachlorobutadiene	44.48	225	720	0.01	0.01	#	29

Target Compounds not in Sublist

Qvalue

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

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Vial: 5
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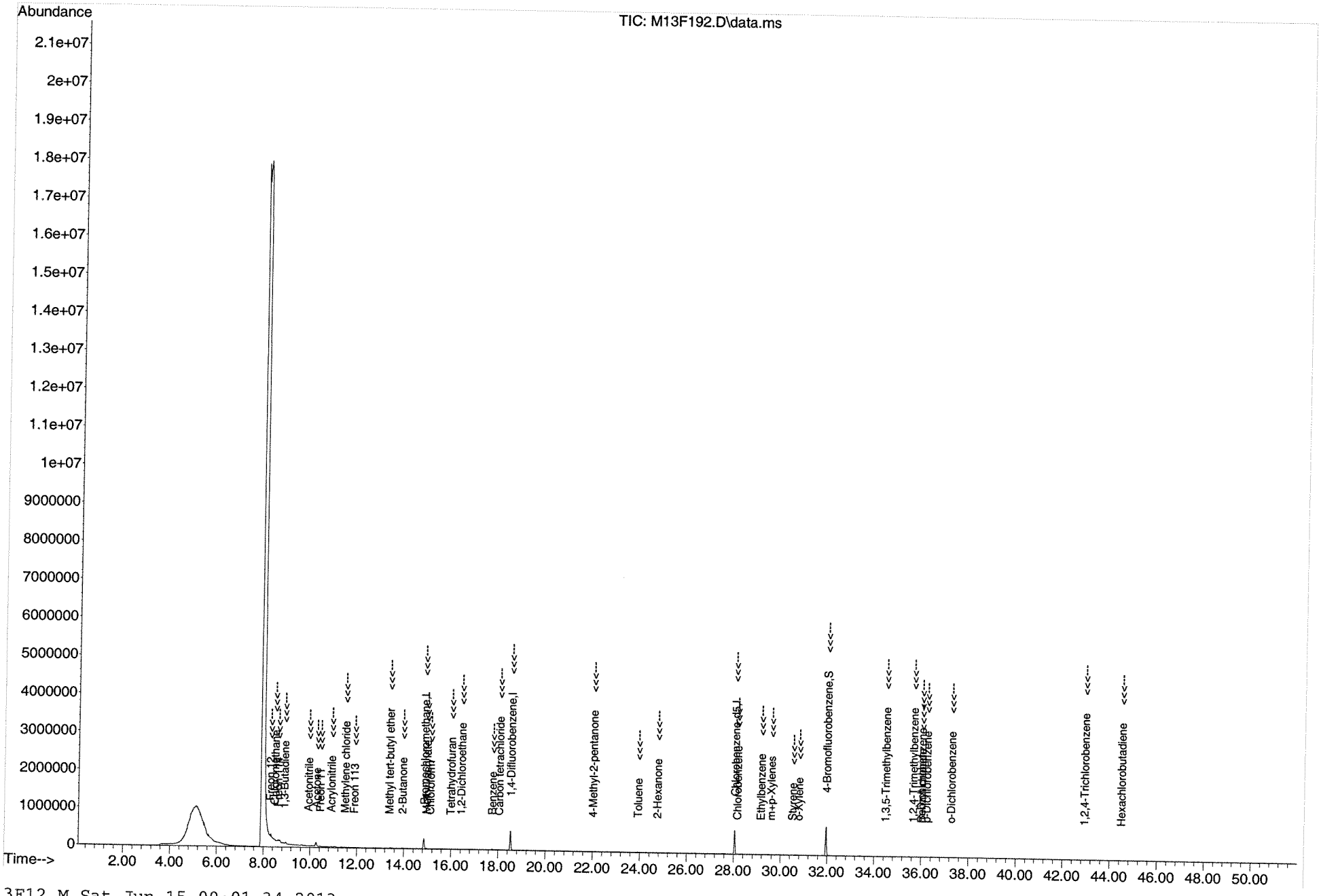
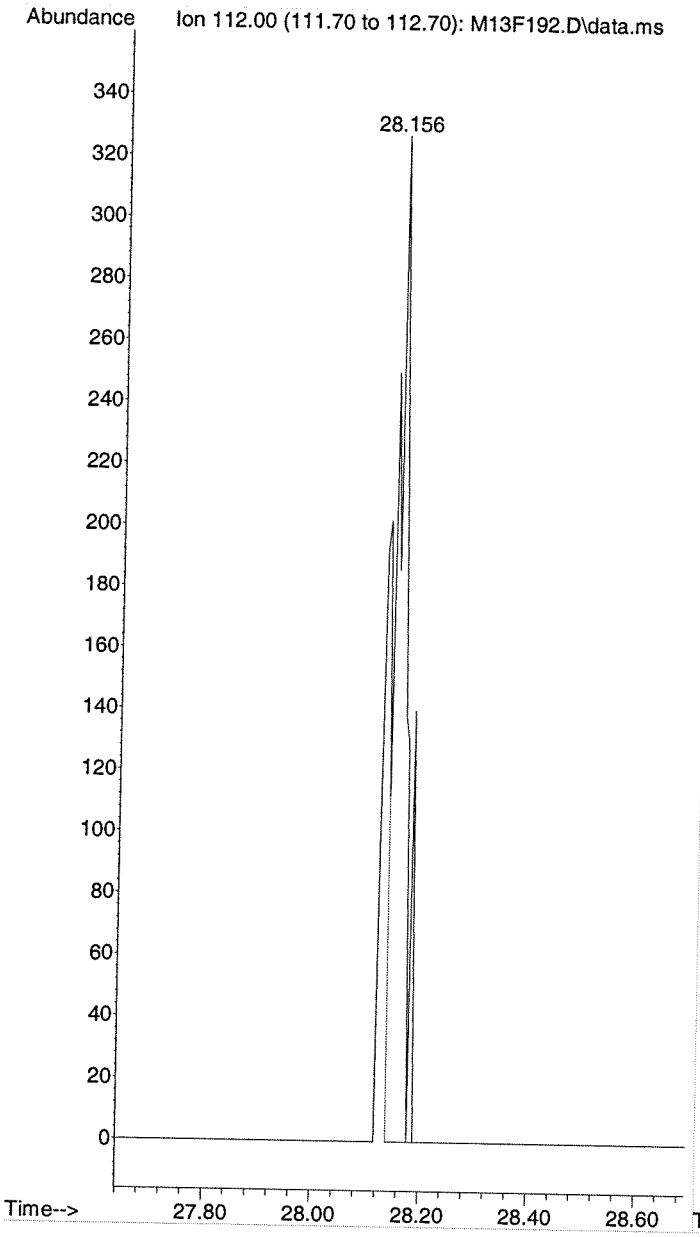
Inst : M
Multiplr: 1.00



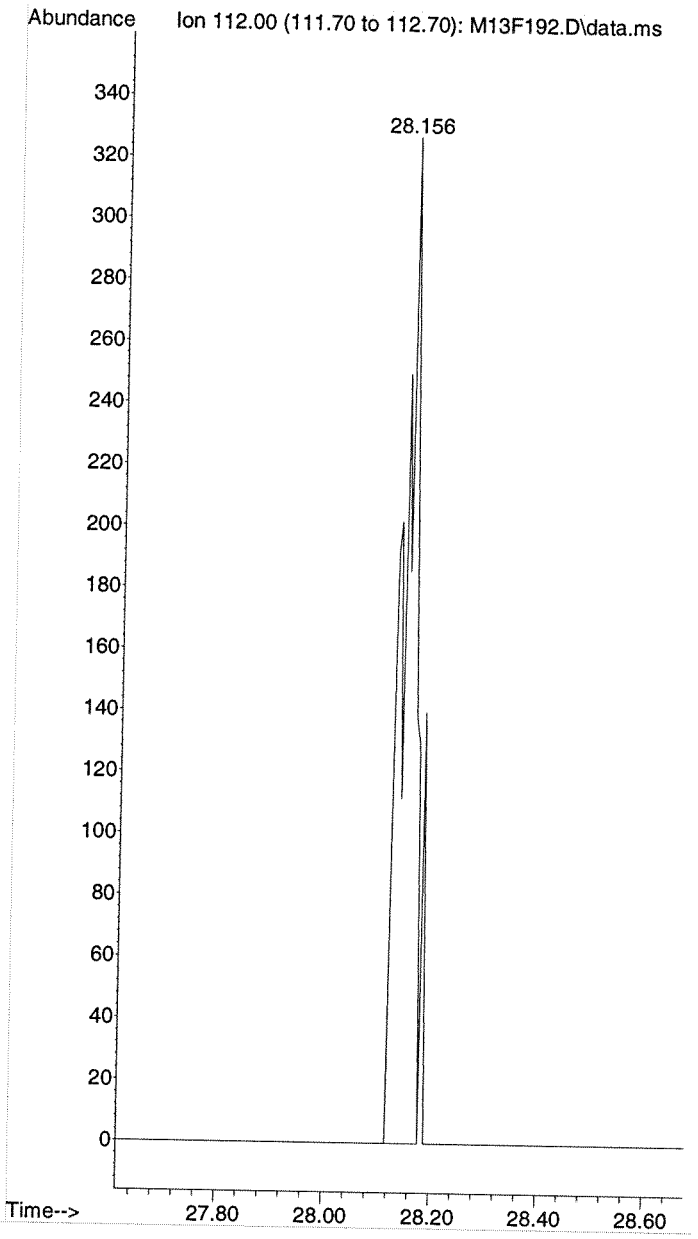
M13F12.M Sat Jun 15 00:01:34 2013

MANUAL INTEGRATION REPORT

Data File: M:\AIR_M\2A13-0613\M13F192.D
Date Acquired: 14 Jun 2013 11:05 pm
Inst: M Operator ID: E_G
Name: 13060090-01A
Misc: SAMP;TO-15_LDEQ
Method: M:\AIR_M_METHODS\M13F12.M



Before Area: 466



After Area: 624

Chlorobenzene 28.16 minutes

Integration Time Range: 28.12 - 28.18

Integration Scan Range: 4988 - 4999

IB
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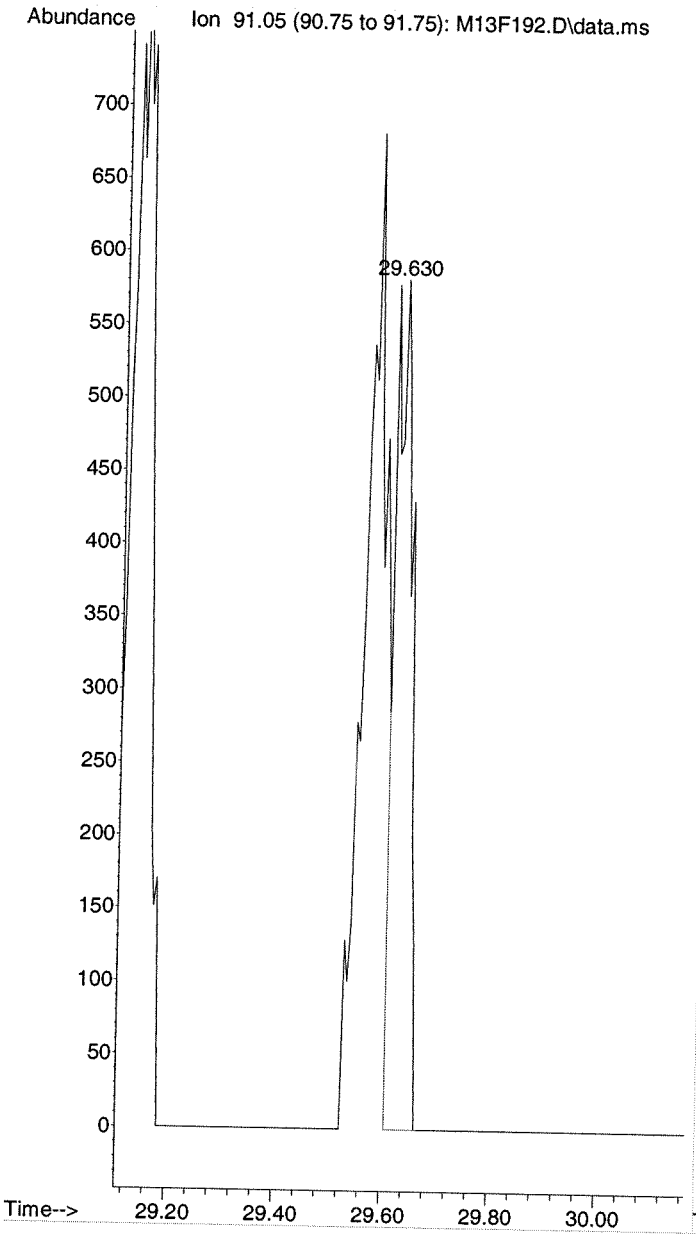
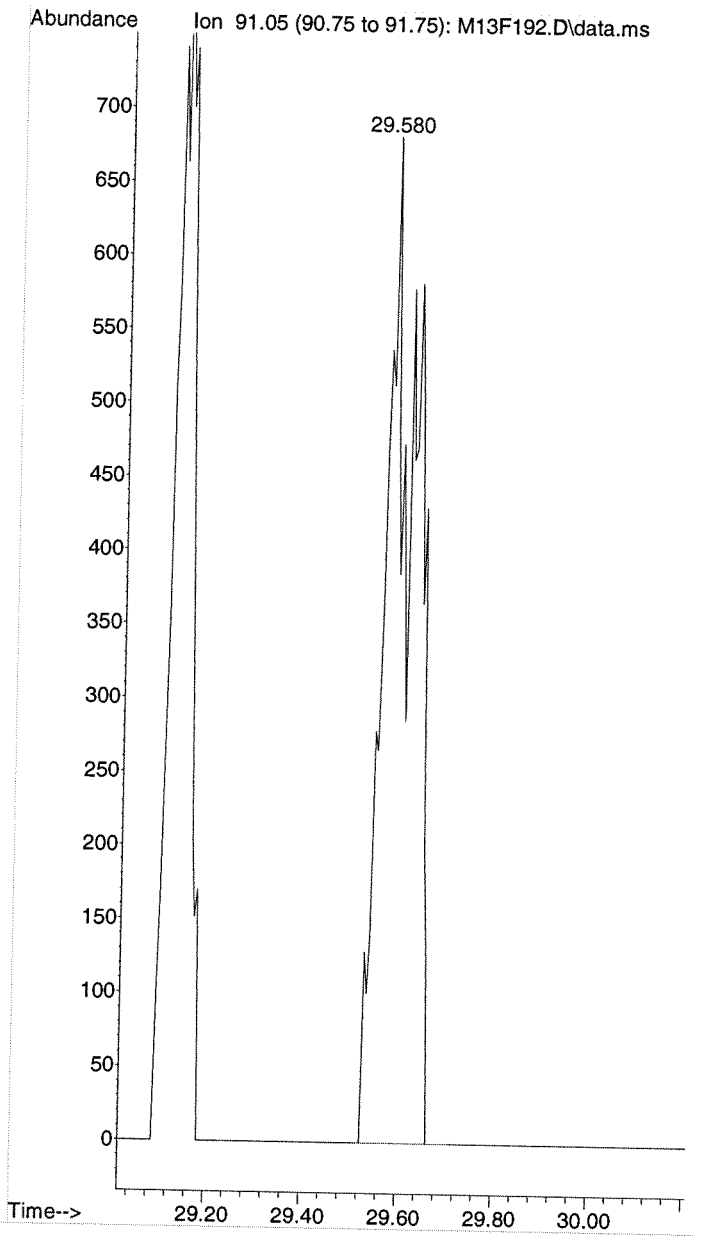
M:\AIR_M\2A13-0613\M13F192.D
Report generated: Sat Jun 15 00:01:34 2013

MANUAL INTEGRATION REPORT

Data File: M:\AIR_M\2A13-0613\M13F192.D
Date Acquired: 14 Jun 2013 11:05 pm
Inst: M Operator ID: E_G
Name: 13060090-01A
Misc: SAMP;TO-15_LDEQ
Method: M:\AIR_M_METHODS\M13F12.M



Before Area: 1245



After Area: 3075

m+p-Xylenes 29.58 minutes

Integration Time Range: 29.52 - 29.71

Integration Scan Range: 5240 - 5274

CL 6-14-13

M:\AIR_M\2A13-0613\M13F192.D
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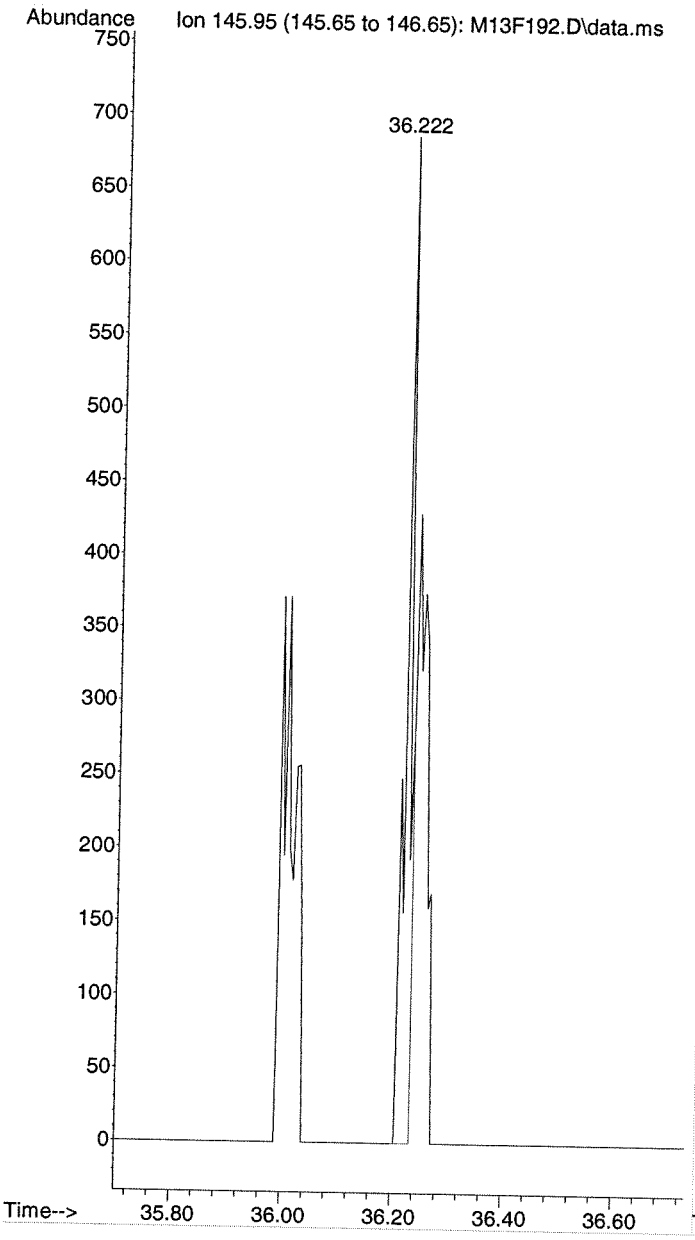
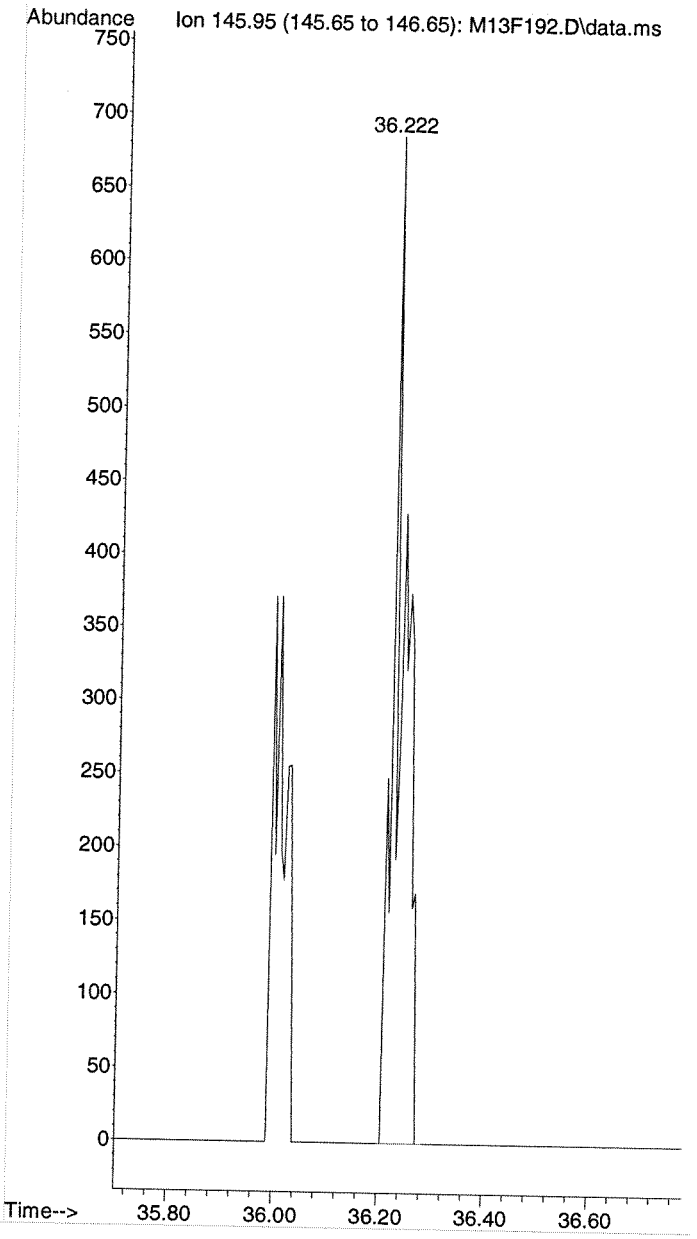
MANUAL INTEGRATION REPORT

Data File: M:\AIR_M\2A13-0613\M13F192.D
Date Acquired: 14 Jun 2013 11:05 pm
Inst: M Operator ID: E_G
Name: 13060090-01A
Misc: SAMP;TO-15_LDEQ
Method: M:\AIR_M_METHODS\M13F12.M



Before Area: 522



After Area: 1121

p-Dichlorobenzene 36.22 minutes

Integration Time Range: 36.20 - 36.28

Integration Scan Range: 6441 - 6456

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EG
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M:\AIR_M\2A13-0613\M13F192.D
Report generated: Sat Jun 15 00:01:35 2013