Quantitation Report (QT Reviewed)

Data Path : E:\data\111513\
Data File : 7-SV-5.D
Acq On : 15 Nov 2013 10:20 am
Operator : CS
Sample : E311055-04
Misc : 0.01
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 28 12:41:06 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\111213VAPOR.M
Quant Title : 8260 SV for volatile organic compounds GC/MS #3
QLast Update : Wed Nov 13 13:17:48 2013
Response via : Initial Calibration
InstName : GC MS #3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.74	96	101937	50.00 ng	0.00
43) Chlorobenzene-D5	6.94	82	35252	50.00 ng	0.00
54) 1,4-Dichlorobenzene-d4	8.84	152	32179	50.00 ng	0.00
77) TBA-d9	3.10	65	15635	1000.00 ng	0.00
System Monitoring Compounds					
24) Dibromofluoromethane	4.27	113	18451	47.76 ng	0.00
Spiked Amount 50.000	Range 75 - 125		Recovery = 95.52%		
27) 1,2-Dichloroethane-d4	4.51	65	20795	57.43 ng	0.00
Spiked Amount 50.000	Range 62 - 139		Recovery = 114.86%		
37) Toluene-d8	5.84	98	89147	50.46 ng	0.00
Spiked Amount 50.000	Range 75 - 125		Recovery = 100.92%		
55) 4-Bromofluorobenzene	7.87	174	21349	47.07 ng	0.00
Spiked Amount 50.000	Range 75 - 125		Recovery = 94.14%		
Target Compounds					Qvalue
8) Trichlorofluoromethane	2.42	101	659	0.68 ng #	19

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

Quantitation Report (QT Reviewed)

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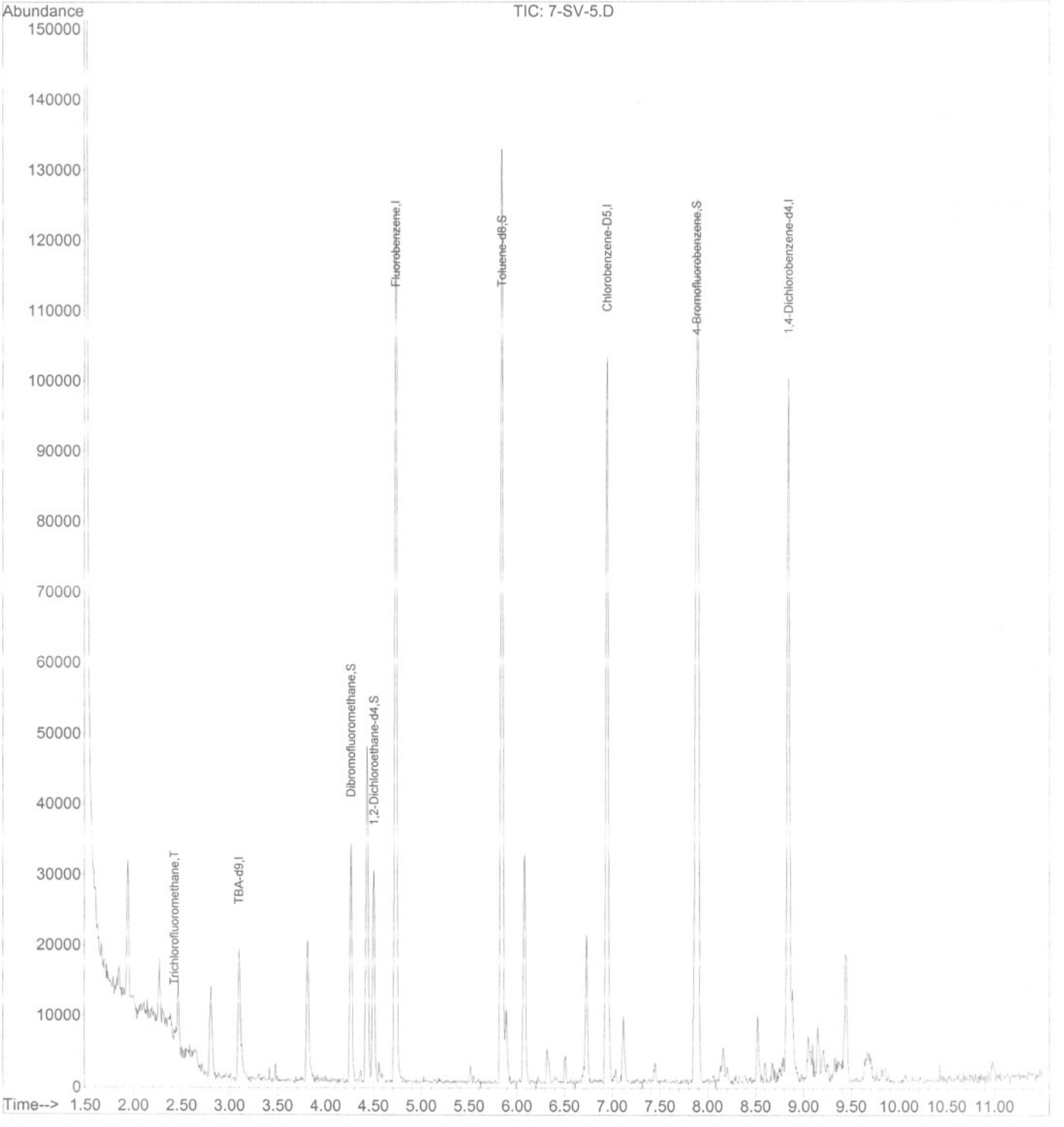
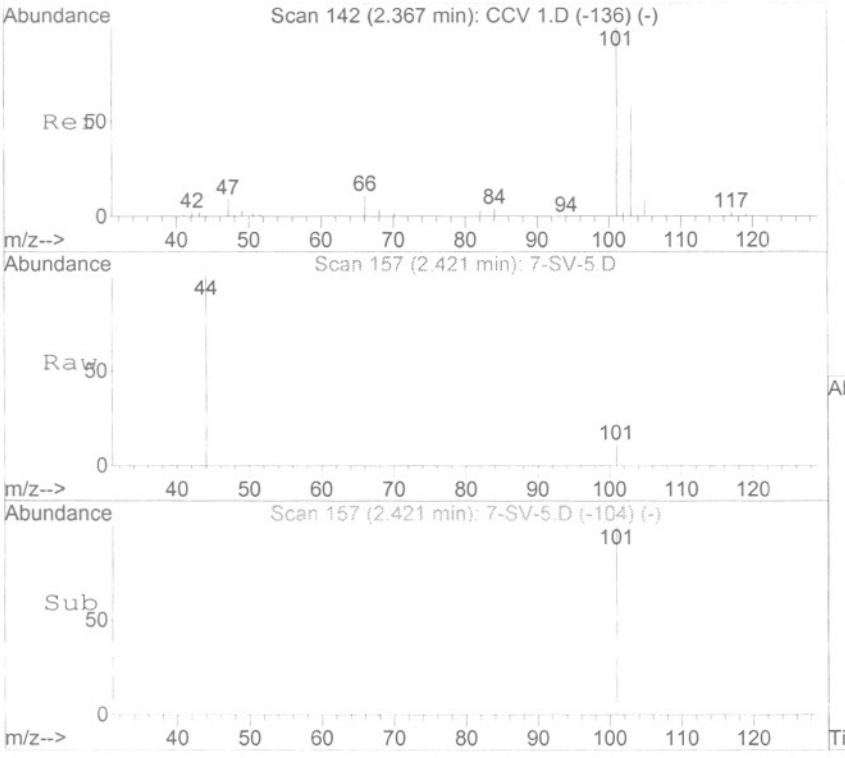
Acq On : 15 Nov 2013 10:20 am
Operator : CS
Sample : E311055-04
Misc : 0.01
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 28 12:41:06 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\111213VAPOR.M
Quant Title : 8260 SV for volatile organic compounds GC/MS #3
QLast Update : Wed Nov 13 13:17:48 2013
Response via : Initial Calibration
InstName : GC MS #3

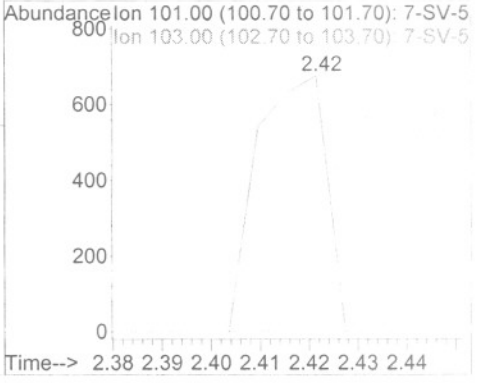




#8
Trichlorofluoromethane
Concen: 0.68 ng
RT: 2.42 min Scan# 157
Delta R.T. 0.02 min
Lab File: 7-SV-5.D
Acq: 15 Nov 2013 10:20 am

Tgt Ion:101 Resp: 659

Ion	Ratio	Lower	Upper
101	100		
103	0.0	33.2	93.2#



Quantitation Report (QT Reviewed)

Data Path : E:\data\111513\
Data File : 7-SV-15.D
Acq On : 15 Nov 2013 10:39 am
Operator : CS
Sample : E311055-05
Misc : 0.01
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 28 12:43:38 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\111213VAPOR.M
Quant Title : 8260 SV for volatile organic compounds GC/MS #3
QLast Update : Wed Nov 13 13:17:48 2013
Response via : Initial Calibration
InstName : GC MS #3

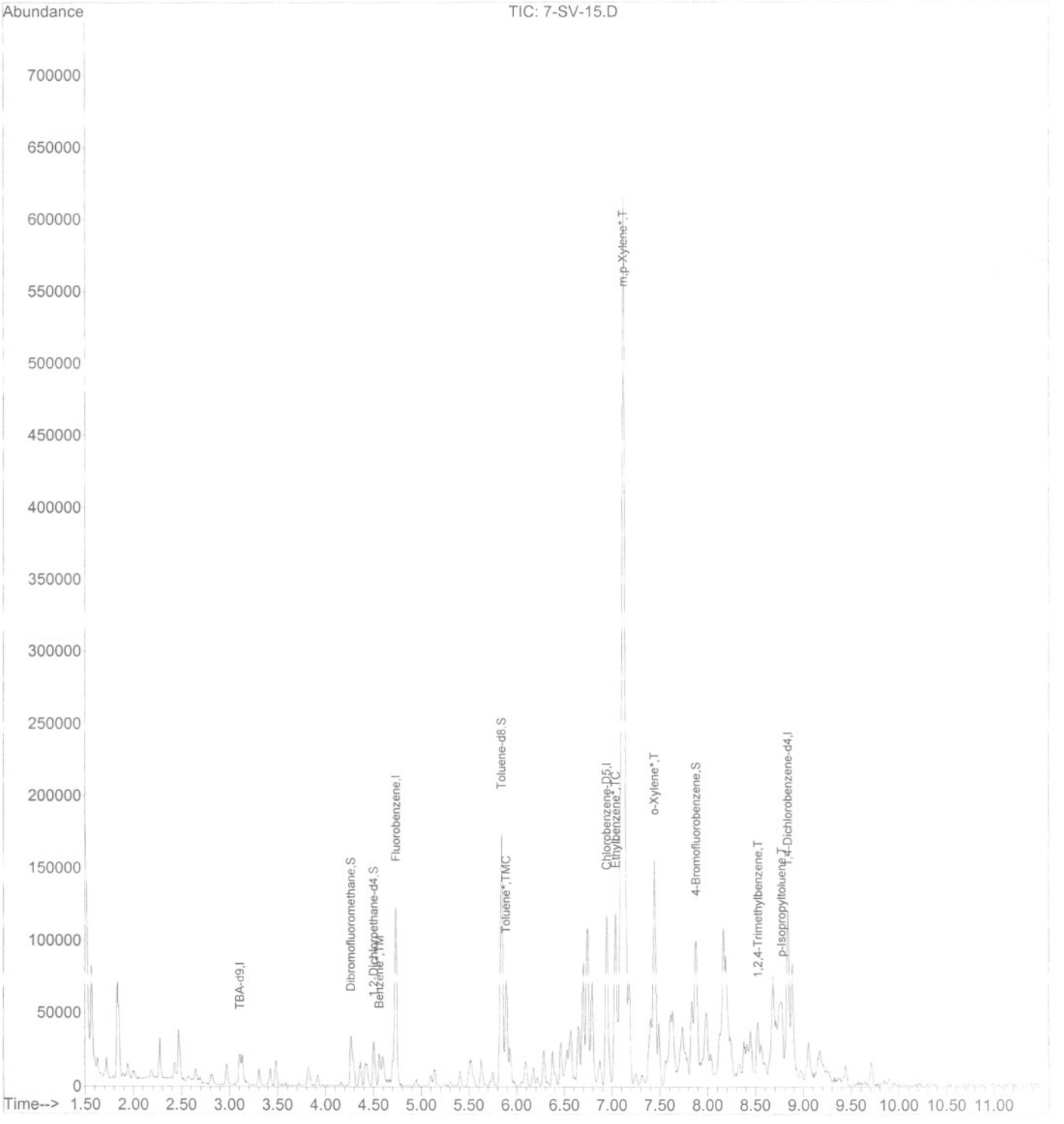
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	4.73	96	100326	50.00 ng	0.00
43) Chlorobenzene-D5	6.94	82	41248	50.00 ng	0.00
54) 1,4-Dichlorobenzene-d4	8.84	152	34996	50.00 ng	0.00
77) TBA-d9	3.10	65	15419	1000.00 ng	0.00
System Monitoring Compounds					
24) Dibromofluoromethane	4.26	113	18500	48.66 ng	0.00
Spiked Amount 50.000	Range 75 - 125		Recovery = 97.32%		
27) 1,2-Dichloroethane-d4	4.50	65	19967	56.03 ng	0.00
Spiked Amount 50.000	Range 62 - 139		Recovery = 112.06%		
37) Toluene-d8	5.84	98	97372	56.00 ng	0.00
Spiked Amount 50.000	Range 75 - 125		Recovery = 112.00%		
55) 4-Bromofluorobenzene	7.87	174	26244	53.21 ng	0.00
Spiked Amount 50.000	Range 75 - 125		Recovery = 106.42%		
Target Compounds					Qvalue
30) Benzene*	4.56	78	16347	8.15 ng	91
38) Toluene*	5.89	92	34402	23.30 ng	100
48) Ethylbenzene*	7.03	106	23565	25.42 ng	88
50) m,p-Xylene*	7.12	106	183969	149.08 ng	84
51) o-Xylene*	7.44	106	45425	41.96 ng	93
65) 1,2,4-Trimethylbenzene	8.52	105	27042	13.40 ng	94
67) p-Isopropyltoluene	8.77	119	35725	14.75 ng	91

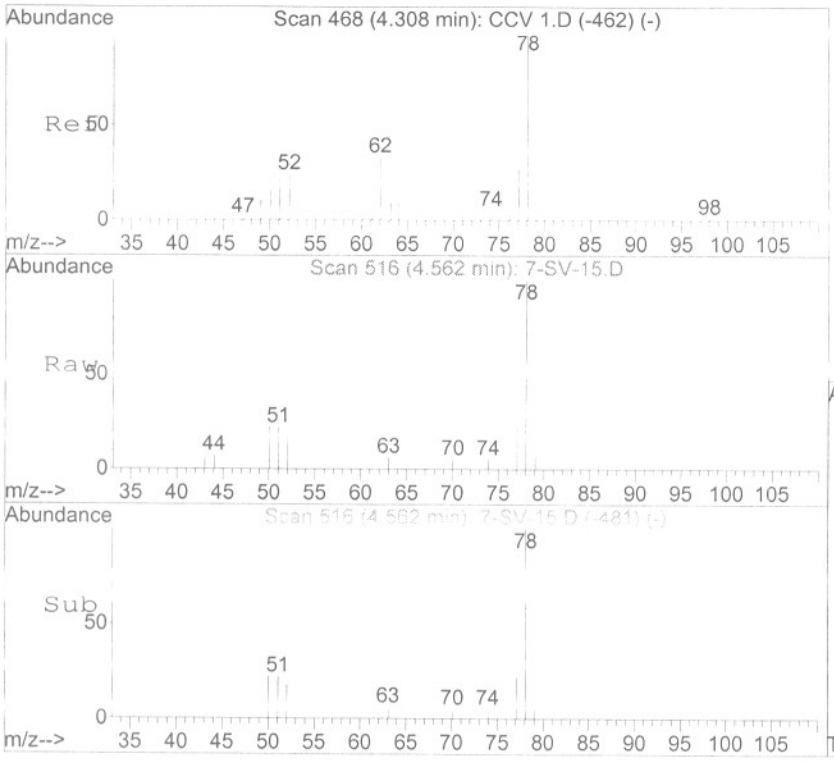
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : E:\data\111513\
Data File : 7-SV-15.D
Acq On : 15 Nov 2013 10:39 am
Operator : CS
Sample : E311055-05
Misc : 0.01
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 28 12:43:38 2014
Quant Method : C:\MSDCHEM\1\METHODS\METHODS\111213VAPOR.M
Quant Title : 8260 SV for volatile organic compounds GC/MS #3
QLast Update : Wed Nov 13 13:17:48 2013
Response via : Initial Calibration
InstName : GC MS #3

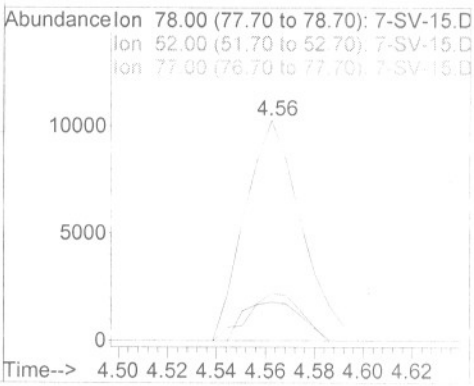


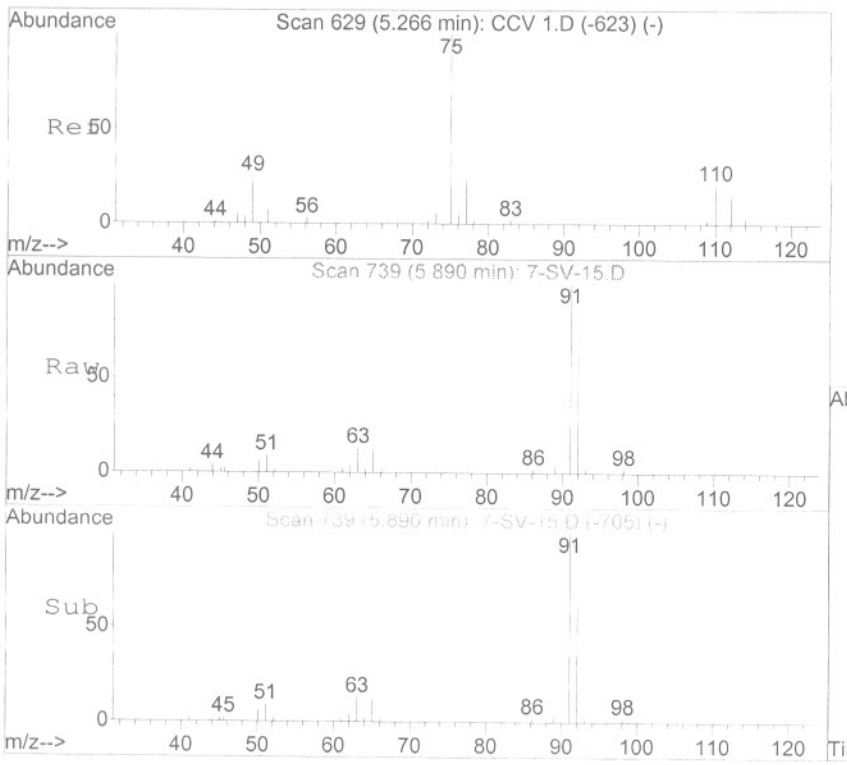


#30
Benzene*
Concen: 8.15 ng
RT: 4.56 min Scan# 516
Delta R.T. 0.01 min
Lab File: 7-SV-15.D
Acq: 15 Nov 2013 10:39 am

Tgt Ion: 78 Resp: 16347

Ion	Ratio	Lower	Upper
78	100		
52	17.6	3.8	43.8
77	21.6	4.0	44.0

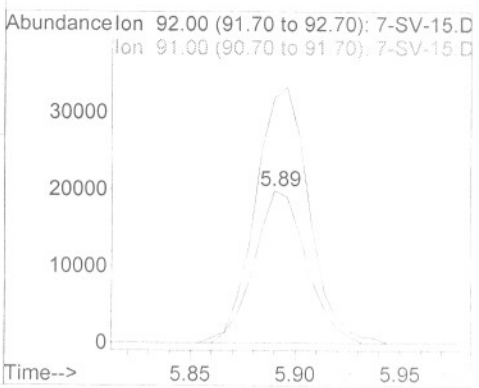


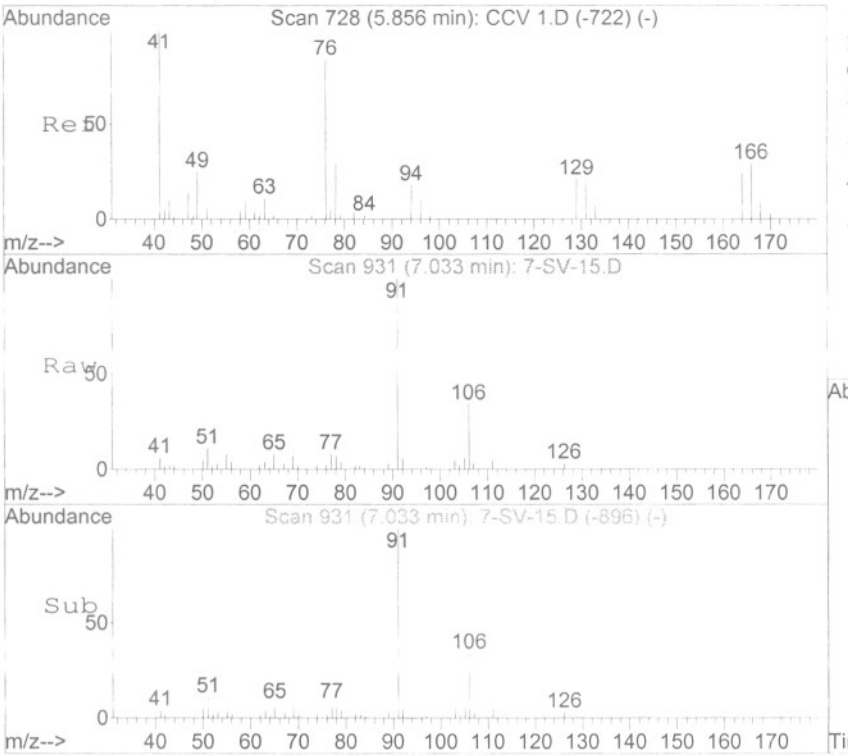


#38
Toluene*
Concen: 23.30 ng
RT: 5.89 min Scan# 739
Delta R.T. 0.00 min
Lab File: 7-SV-15.D
Acq: 15 Nov 2013 10:39 am

Tgt Ion: 92 Resp: 34402

Ion	Ratio	Lower	Upper
92	100		
91	160.8	130.7	190.7

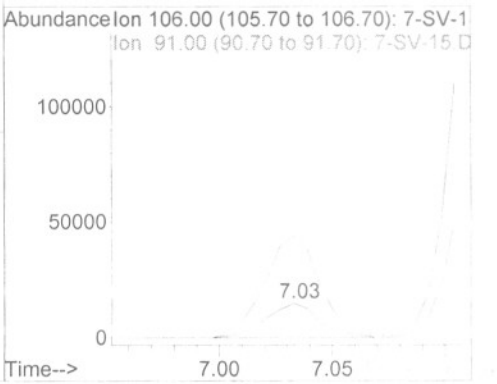


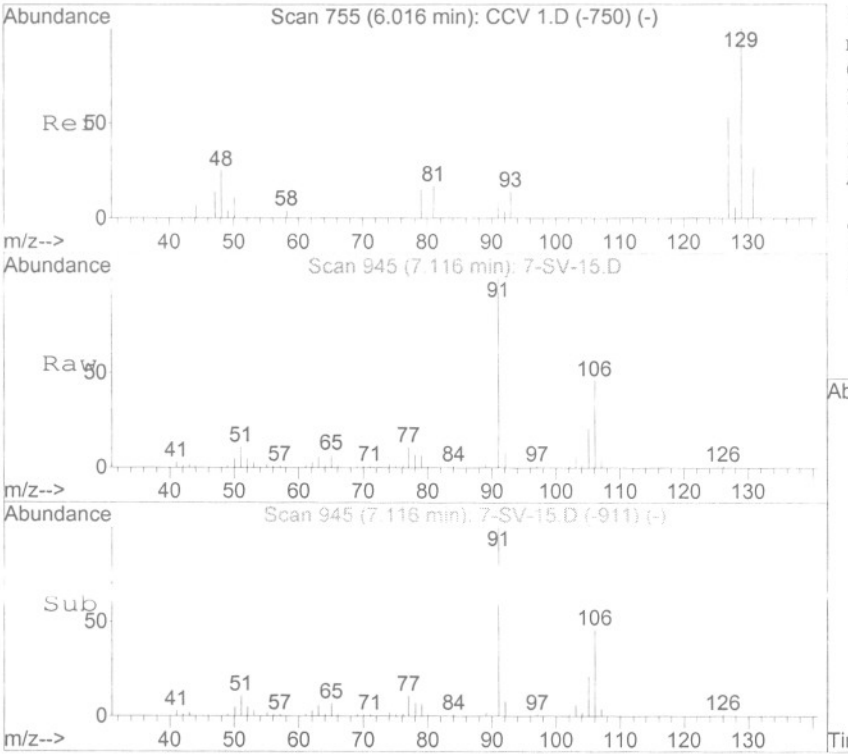


#48
Ethylbenzene*
Concen: 25.42 ng
RT: 7.03 min Scan# 931
Delta R.T. 0.01 min
Lab File: 7-SV-15.D
Acq: 15 Nov 2013 10:39 am

Tgt Ion:106 Resp: 23565

Ion	Ratio	Lower	Upper
106	100		
91	293.9	288.8	348.8

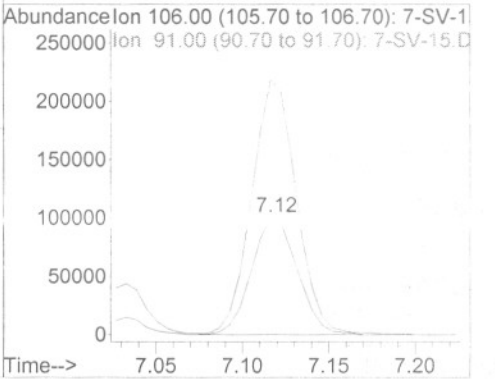


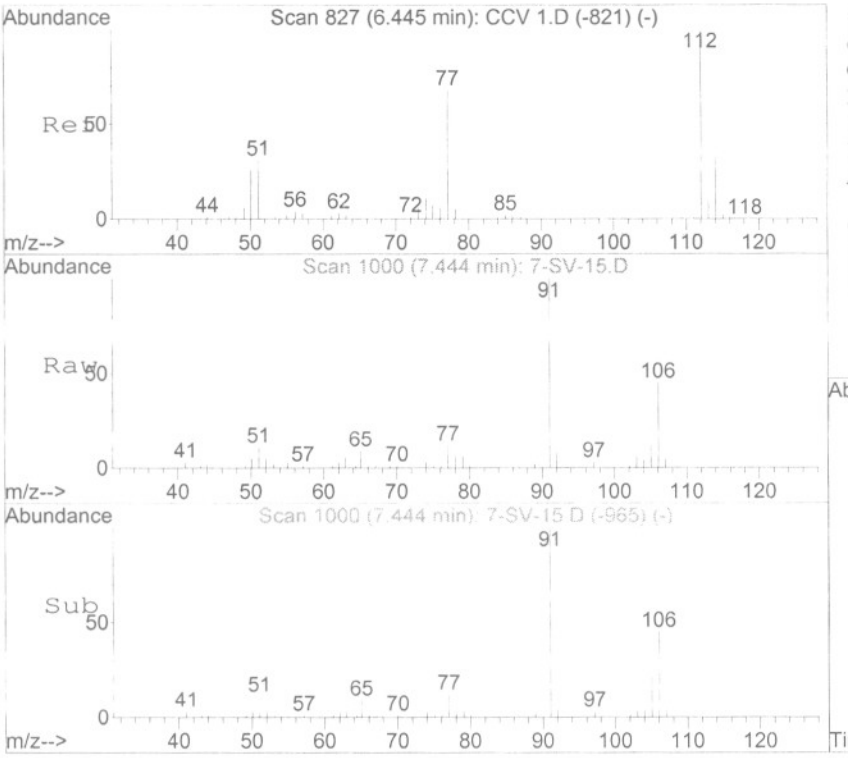


#50
m,p-Xylene*
Concen: 149.08 ng
RT: 7.12 min Scan# 945
Delta R.T. 0.00 min
Lab File: 7-SV-15.D
Acq: 15 Nov 2013 10:39 am

Tgt Ion:106 Resp: 183969

Ion	Ratio	Lower	Upper
106	100		
91	216.5	163.0	223.0

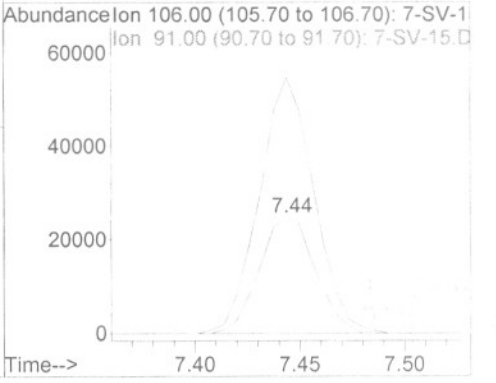


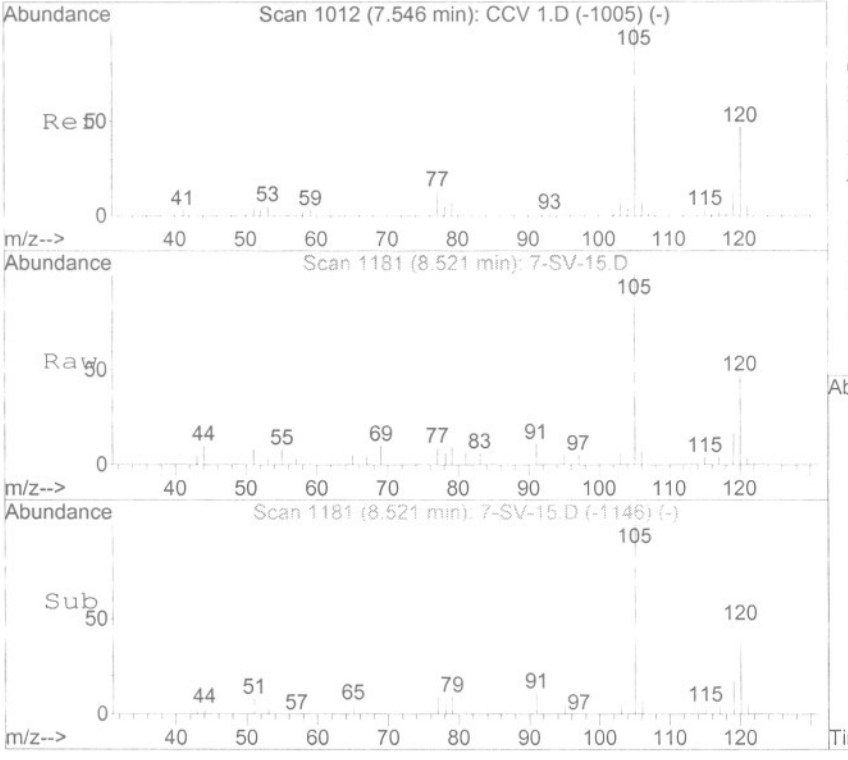


#51
o-Xylene*
Concen: 41.96 ng
RT: 7.44 min Scan# 1000
Delta R.T. 0.01 min
Lab File: 7-SV-15.D
Acq: 15 Nov 2013 10:39 am

Tgt Ion:106 Resp: 45425

Ion	Ratio	Lower	Upper
106	100		
91	221.3	180.2	240.2

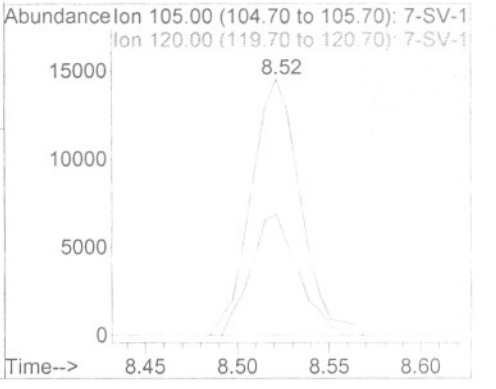


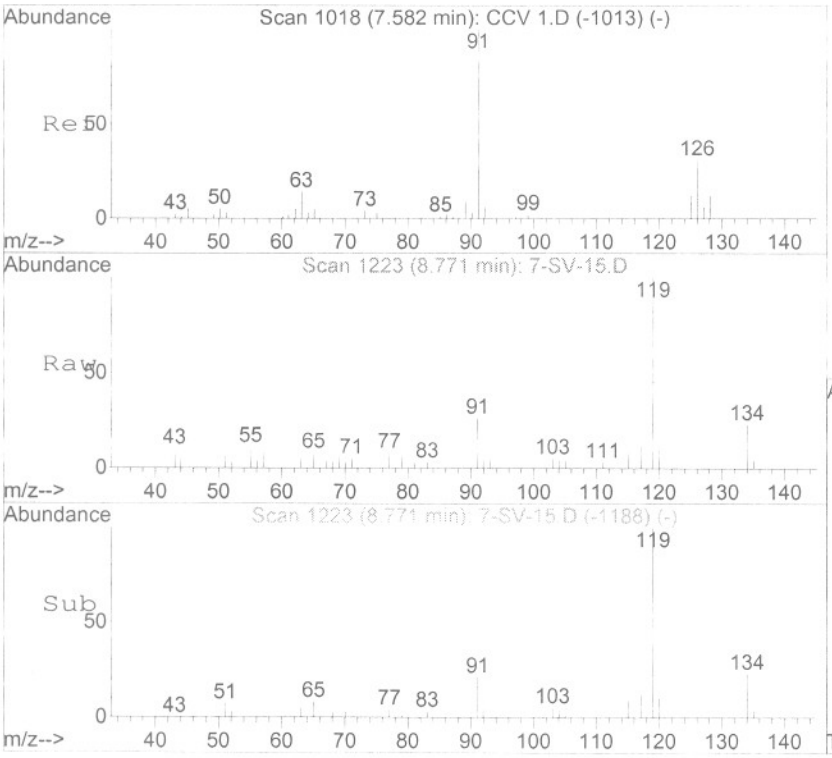


#65
1,2,4-Trimethylbenzene
Concen: 13.40 ng
RT: 8.52 min Scan# 1181
Delta R.T. 0.01 min
Lab File: 7-SV-15.D
Acq: 15 Nov 2013 10:39 am

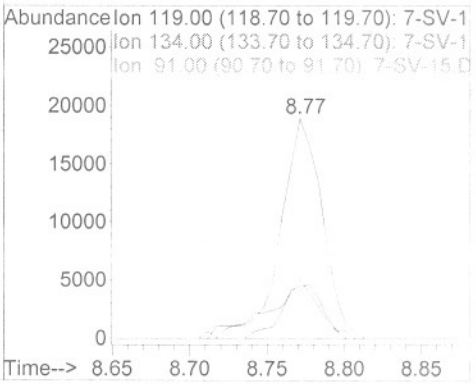
Tgt Ion:105 Resp: 27042

Ion	Ratio	Lower	Upper
105	100		
120	47.1	21.3	81.3





#67
p-Isopropyltoluene
Concen: 14.75 ng
RT: 8.77 min Scan# 1223
Delta R.T. 0.01 min
Lab File: 7-SV-15.D
Acq: 15 Nov 2013 10:39 am

Tgt Ion:119 Resp: 35725

Ion	Ratio	Lower	Upper
119	100		
134	23.4	0.0	58.2
91	26.4	0.0	52.0