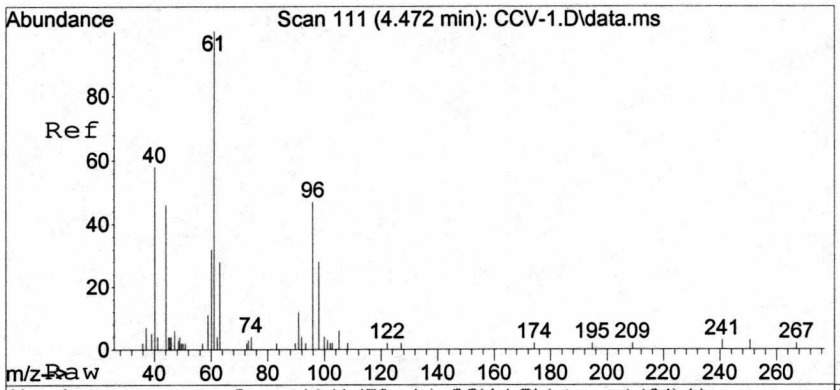
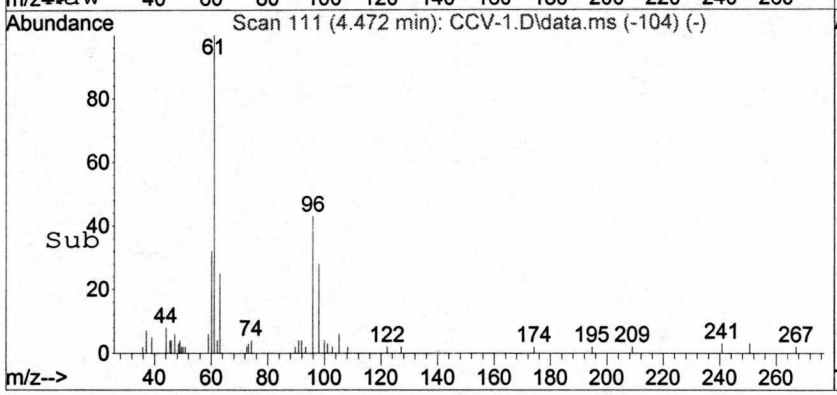
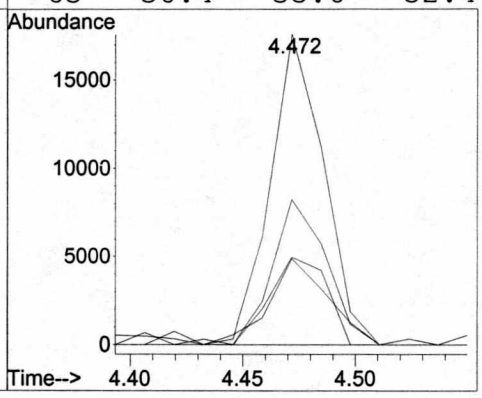


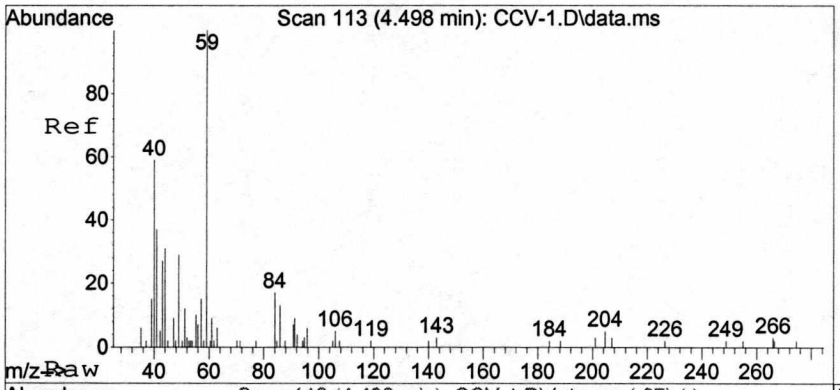
#18
1,1-Dichloroethene
Concen: 57.54 ppbv
RT: 4.472 min Scan# 111
Delta R.T. -0.013 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 61 Resp: 29025

Ion	Ratio	Lower	Upper
61	100		
96	47.3	58.7	88.1#
98	30.1	29.0	43.4
63	30.4	35.0	52.4#



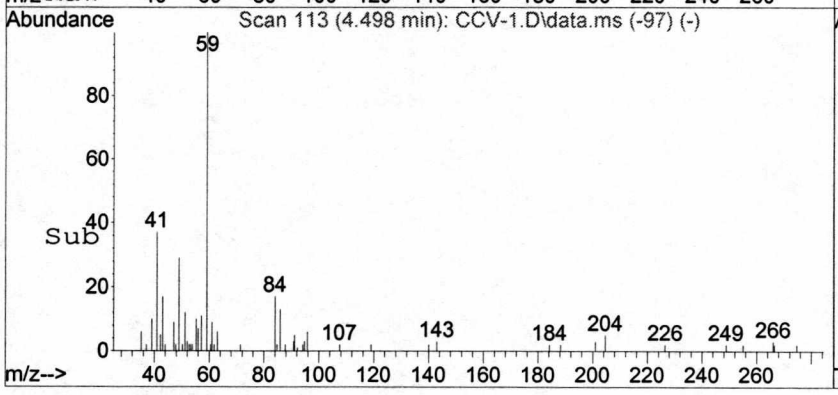


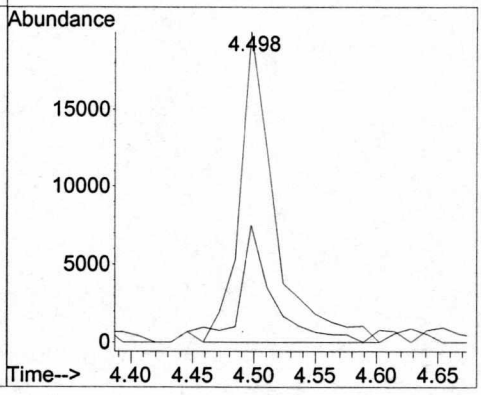


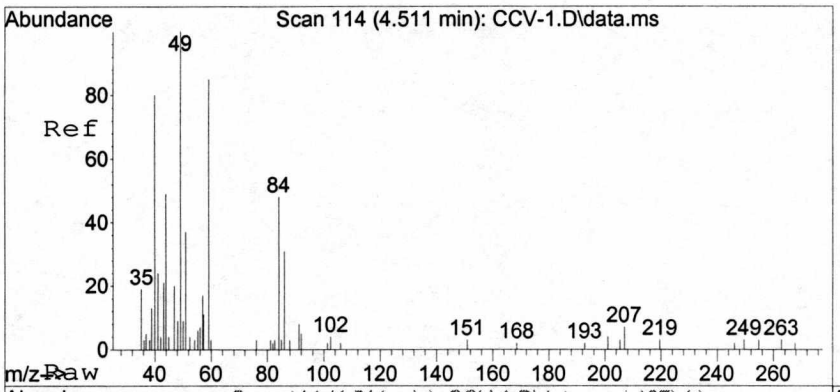
#19
tert-Butyl Alcohol
Concen: 49.05 ppbv
RT: 4.498 min Scan# 113
Delta R.T. -0.013 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 59 Resp: 40126

Ion	Ratio	Lower	Upper
59	100		
41	31.9	18.9	28.3#



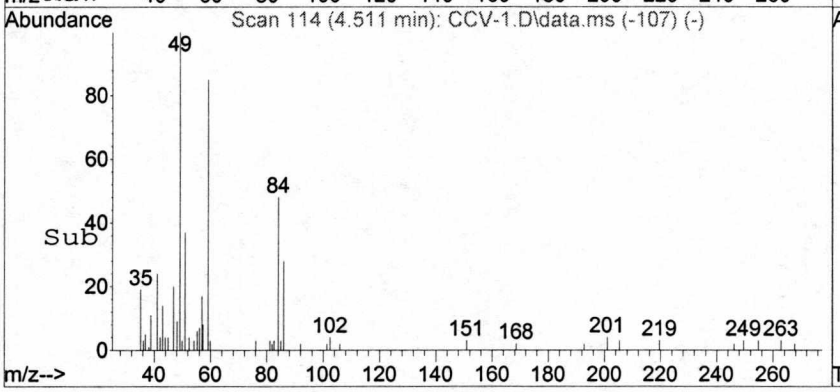


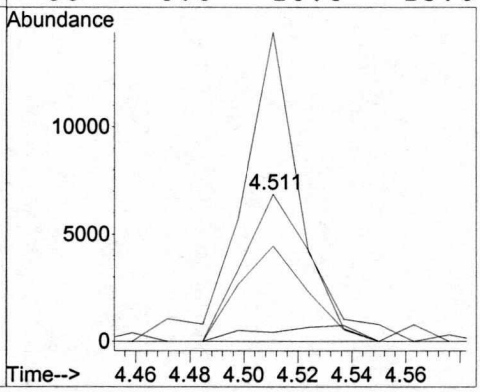


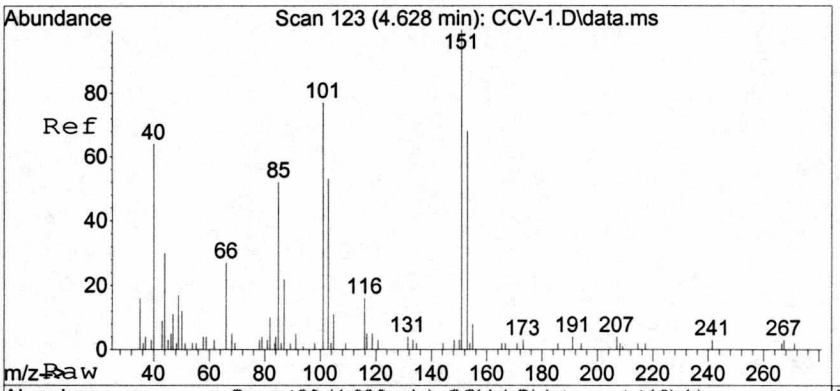
#20
Methylene Chloride
Concen: 62.03 ppbv
RT: 4.511 min Scan# 114
Delta R.T. -0.013 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 84 Resp: 11761

Ion	Ratio	Lower	Upper
84	100		
86	66.0	39.8	59.6#
49	185.9	137.8	206.8
88	0.0	10.0	15.0#



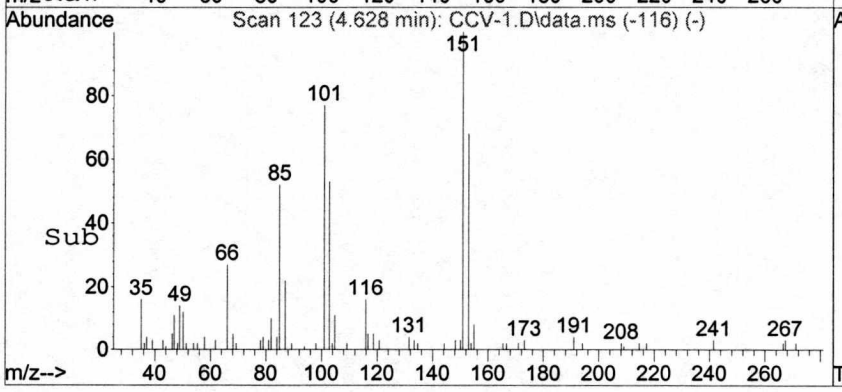


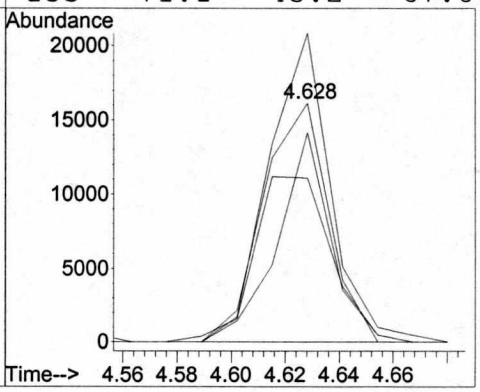


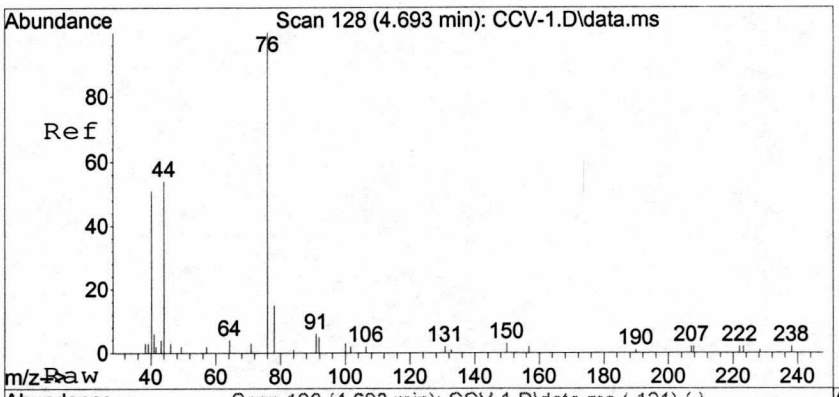
#21
1,1,2-Trichlorotrifluoroethane
Concen: 45.26 ppbv
RT: 4.628 min Scan# 123
Delta R.T. -0.013 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:101 Resp: 27367

Ion	Ratio	Lower	Upper
101	100		
151	121.7	101.2	151.8
103	81.6	59.8	89.8
153	71.1	45.2	67.8#



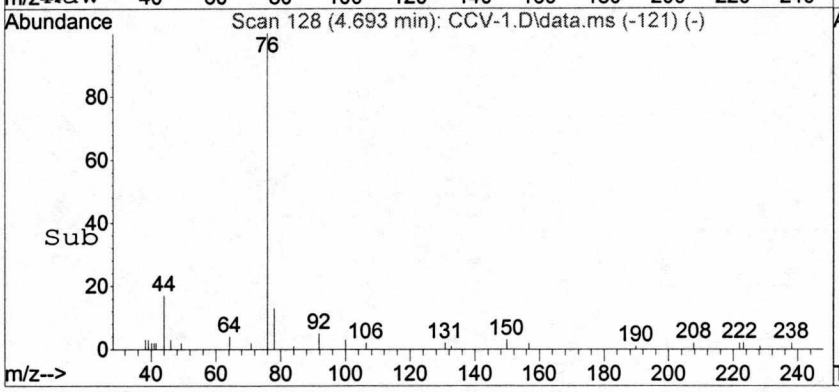


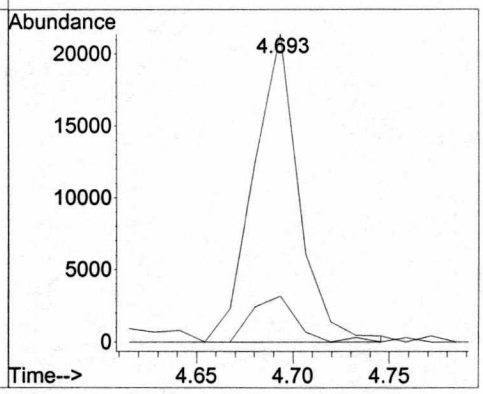


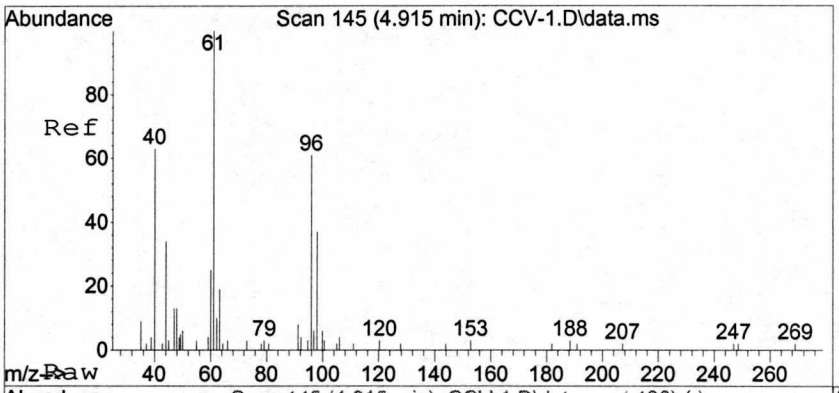
#22
Carbon Disulfide
Concen: 51.41 ppbv
RT: 4.693 min Scan# 128
Delta R.T. -0.003 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 76 Resp: 34878

Ion	Ratio	Lower	Upper
76	100		
78	14.1	8.4	12.6#



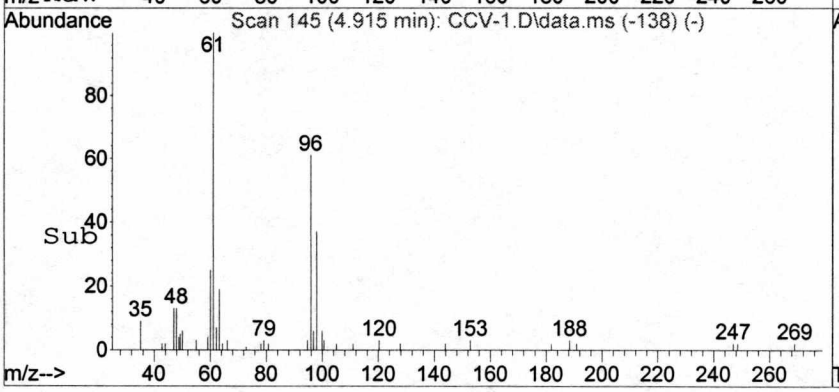


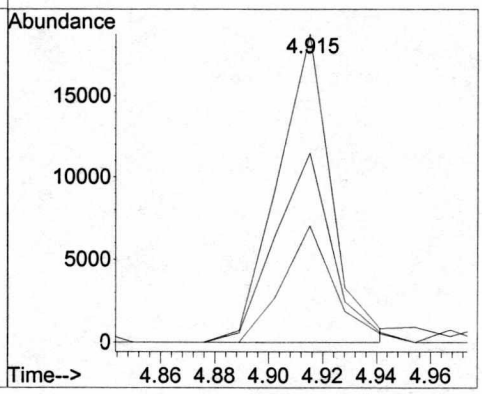


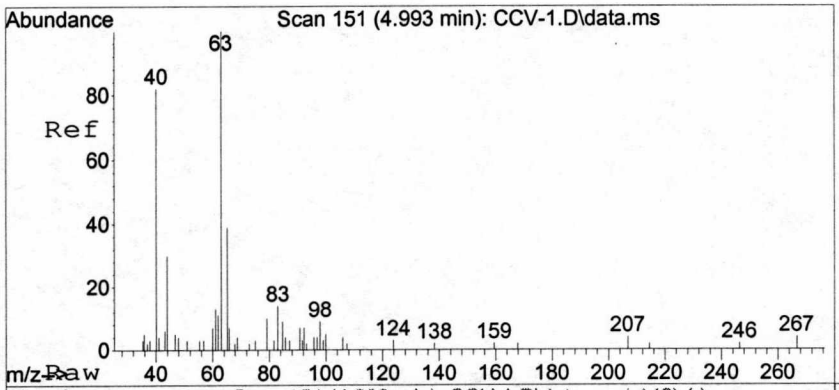
#23
trans-1,2-Dichloroethene
Concen: 53.97 ppbv
RT: 4.915 min Scan# 145
Delta R.T. -0.003 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 61 Resp: 25600

Ion	Ratio	Lower	Upper
61	100		
96	65.5	31.9	47.9#
98	36.9	26.8	40.2



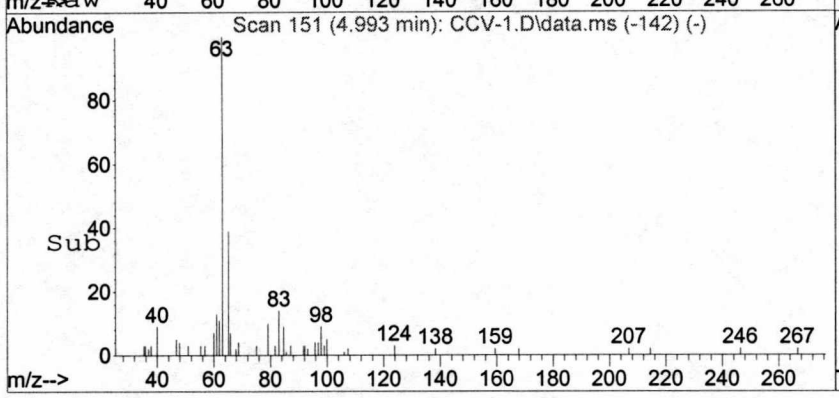


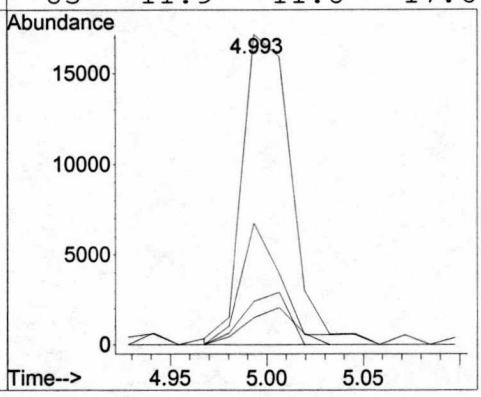


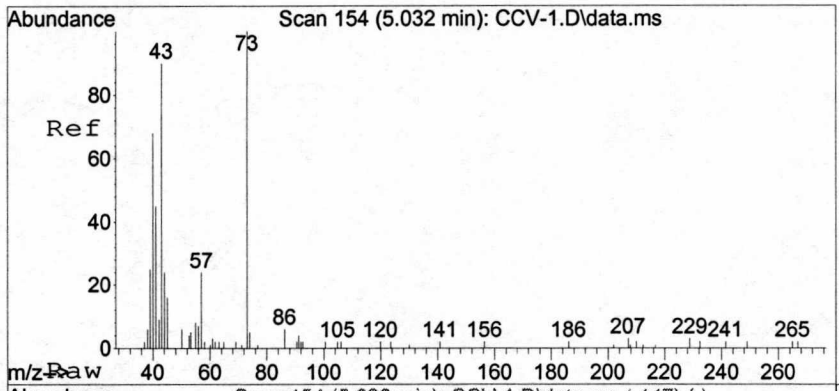
#24
1,1-Dichloroethane
Concen: 52.89 ppbv
RT: 4.993 min Scan# 151
Delta R.T. -0.002 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 63 Resp: 30368

Ion	Ratio	Lower	Upper
63	100		
65	33.0	19.5	29.3#
83	15.4	11.4	17.2
85	11.9	11.8	17.6



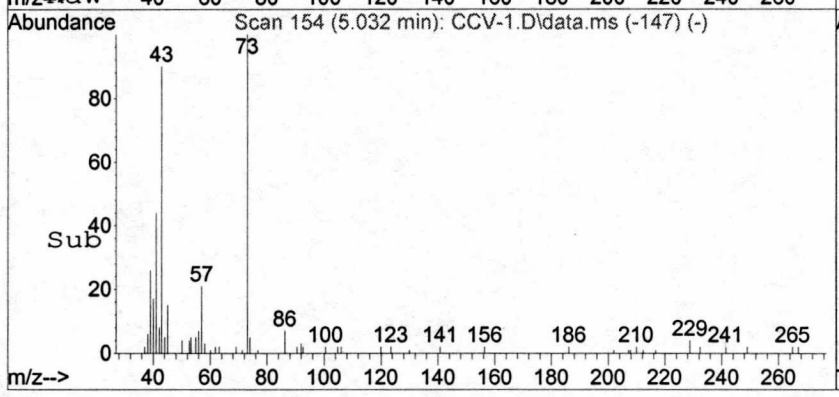


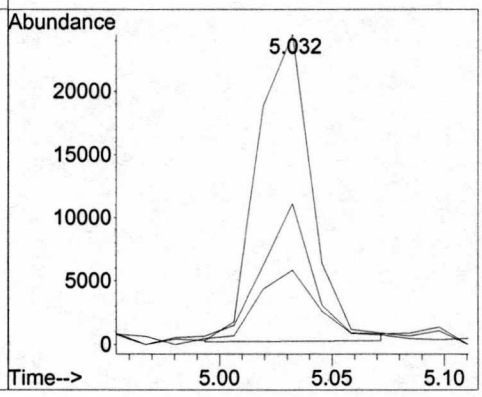


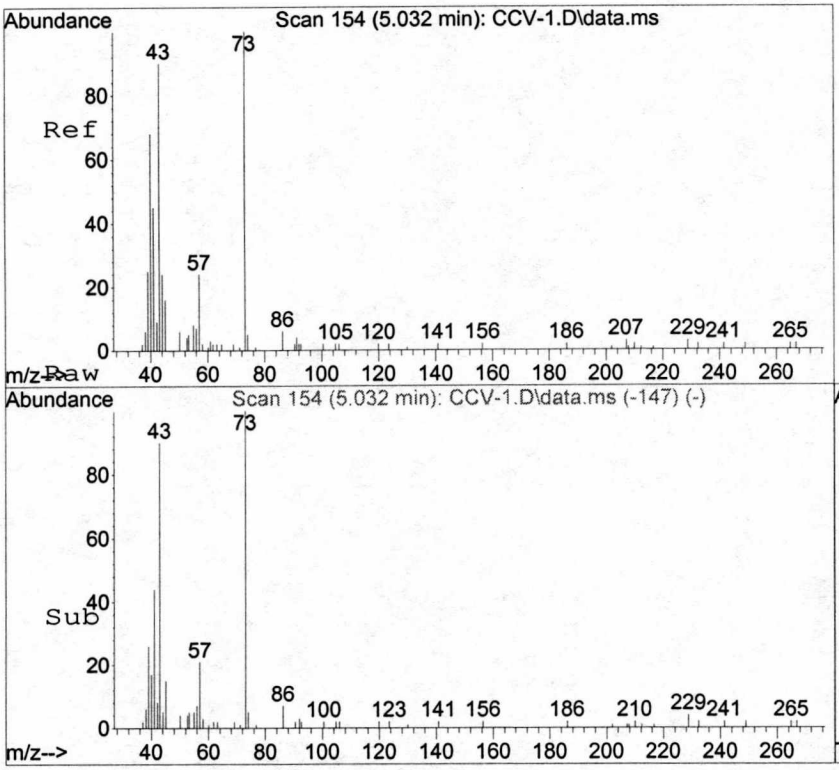
#25
Methyl tert-Butyl Ether
Concen: 47.77 ppbv
RT: 5.032 min Scan# 154
Delta R.T. -0.002 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 73 Resp: 40709

Ion	Ratio	Lower	Upper
73	100		
57	31.0	18.6	28.0#
41	47.8	25.8	38.8#



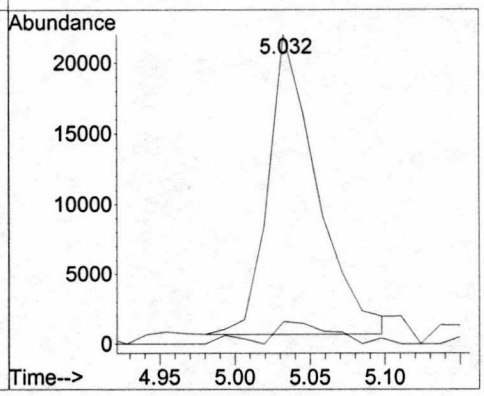


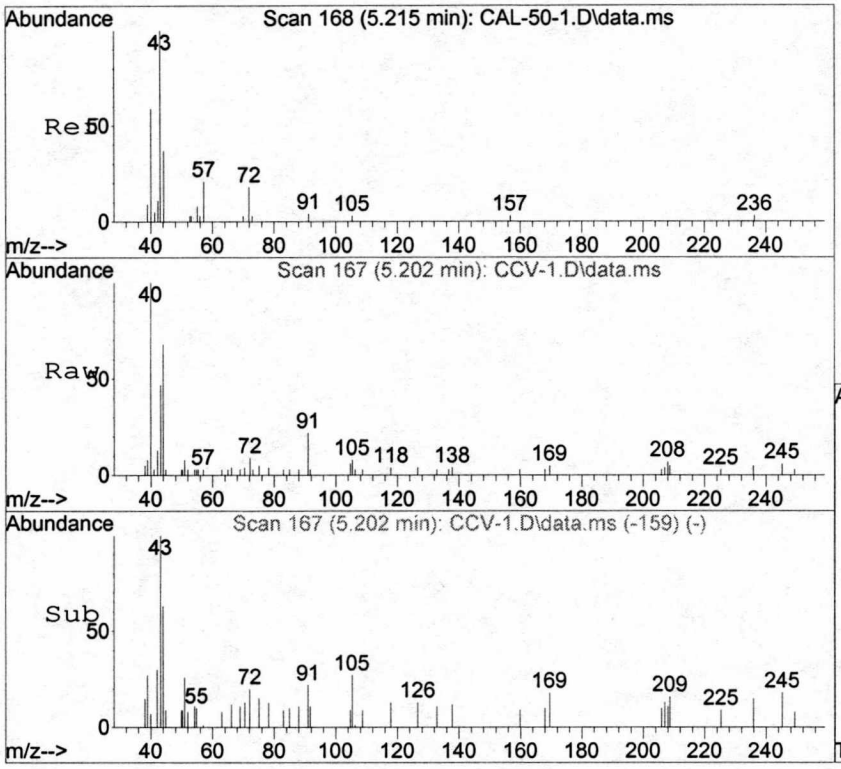


#26
Vinyl Acetate
Concen: 41.85 ppbv
RT: 5.032 min Scan# 154
Delta R.T. -0.013 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 43 Resp: 48483

Ion	Ratio	Lower	Upper
43	100		
86	7.7	3.5	5.3#

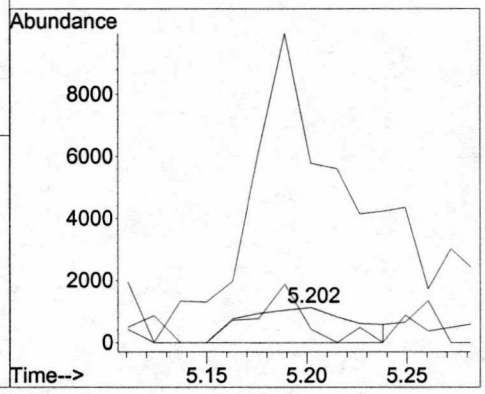


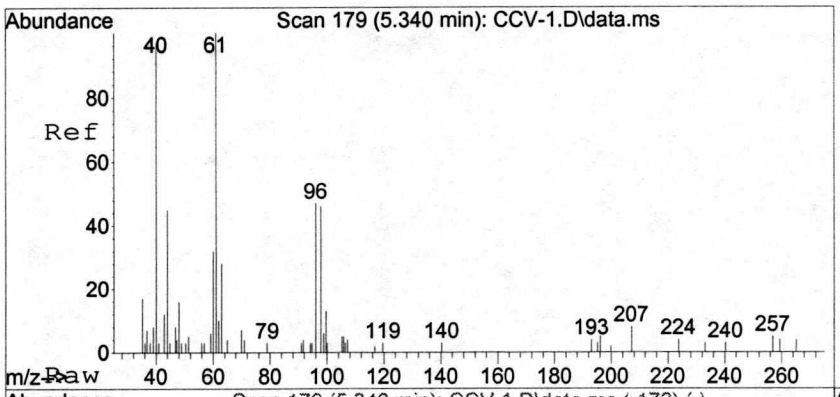


#27
2-Butanone
Concen: 44.68 ppbv
RT: 5.202 min Scan# 167
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 72 Resp: 4431

Ion	Ratio	Lower	Upper
72	100		
43	500.2	304.2	456.4#
57	67.0	21.8	32.8#

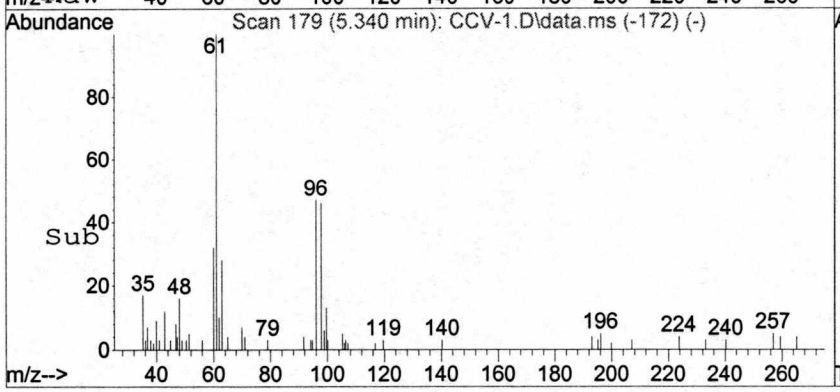


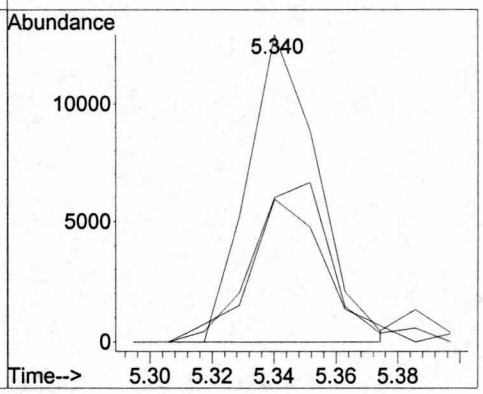


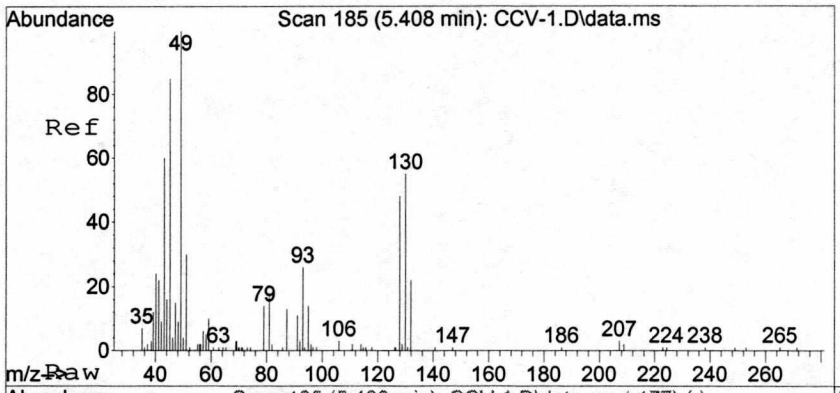
#28
cis-1,2-dichloroethene
Concen: 45.49 ppbv
RT: 5.340 min Scan# 179
Delta R.T. -0.022 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 61 Resp: 20130

Ion	Ratio	Lower	Upper
61	100		
96	59.4	46.5	69.7
98	50.8	17.4	26.0#



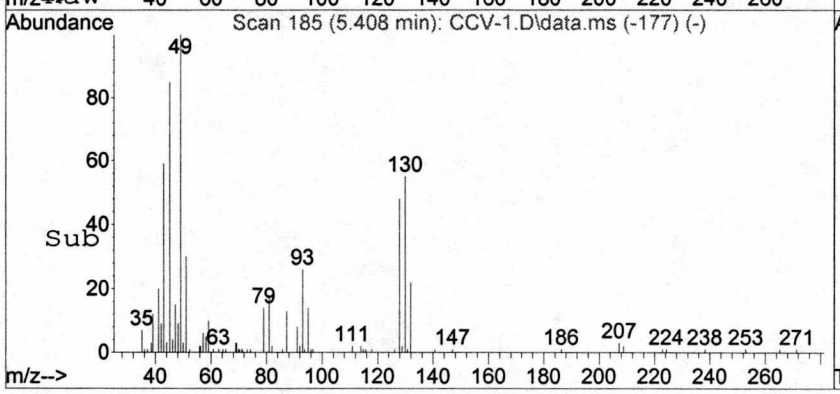


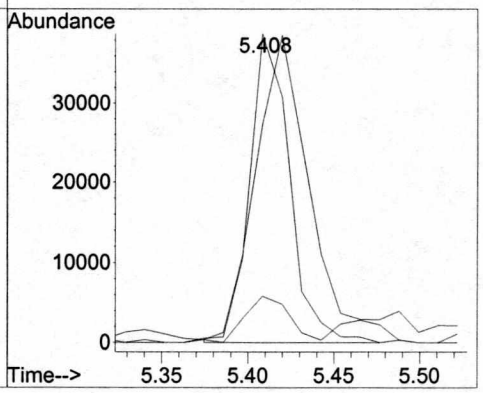


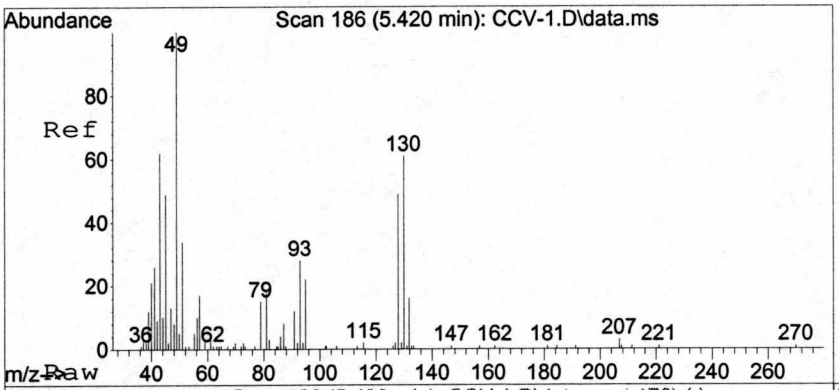
#29
Di-Isopropyl Ether
Concen: 46.56 ppbv
RT: 5.408 min Scan# 185
Delta R.T. -0.011 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 45 Resp: 62418

Ion	Ratio	Lower	Upper
45	100		
43	128.9	50.5	75.7#
87	16.7	14.1	21.1



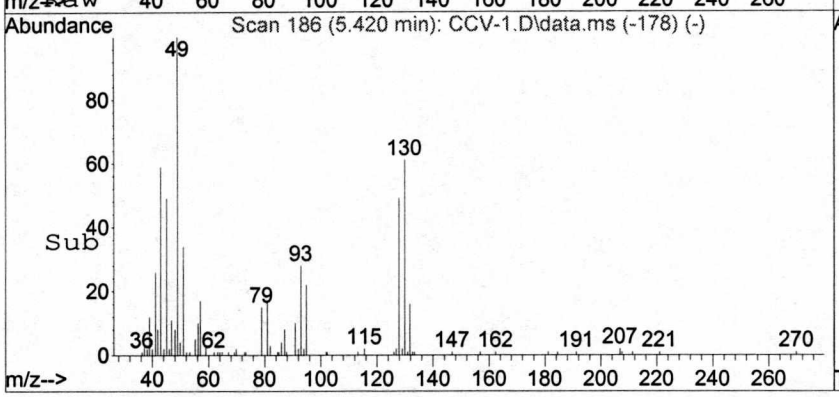


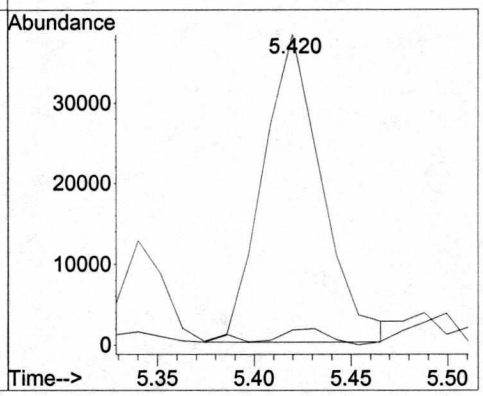


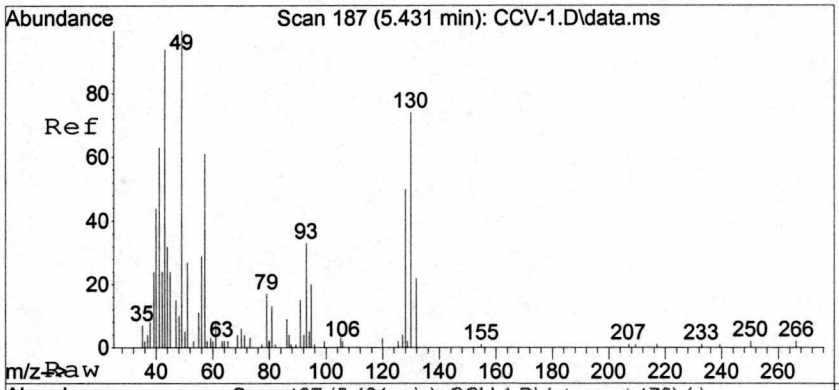
#30
Ethyl Acetate
Concen: 48.30 ppbv
RT: 5.420 min Scan# 186
Delta R.T. -0.011 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 43 Resp: 80451

Ion	Ratio	Lower	Upper
43	100		
61	4.3	5.2	7.8#



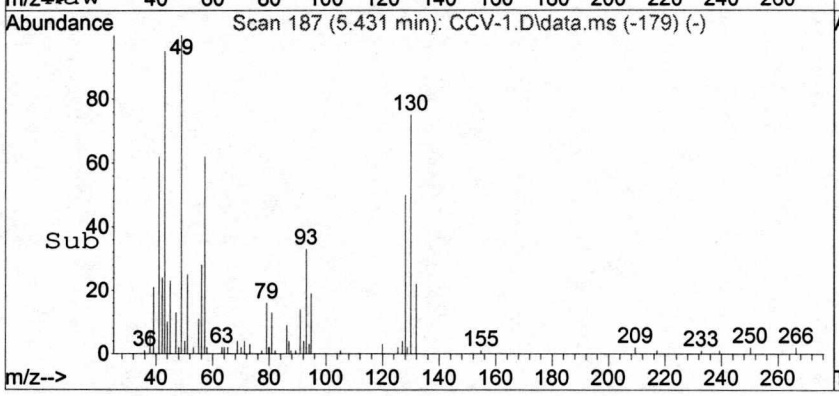


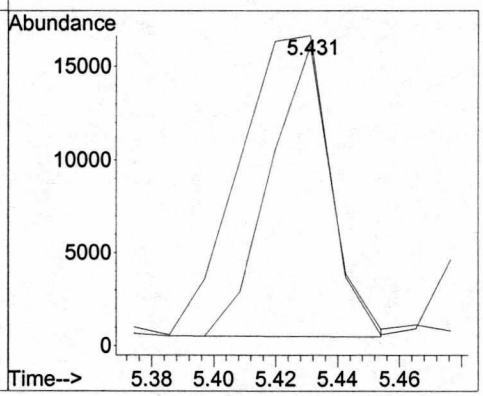


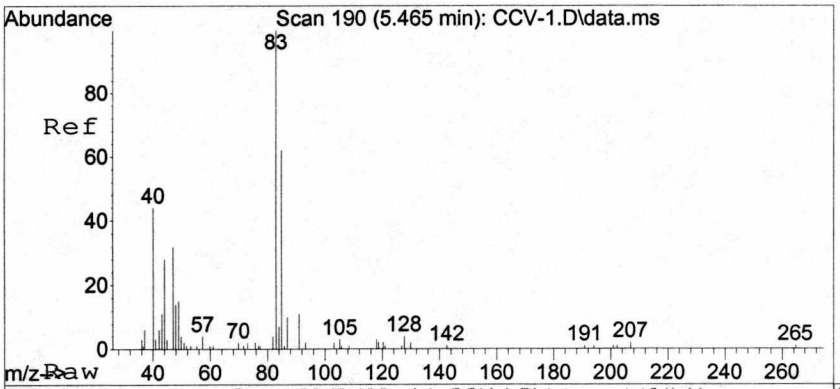
#31
n-Hexane
Concen: 50.86 ppbv
RT: 5.431 min Scan# 187
Delta R.T. -0.011 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 57 Resp: 21703

Ion	Ratio	Lower	Upper
57	100		
41	148.8	124.1	186.1



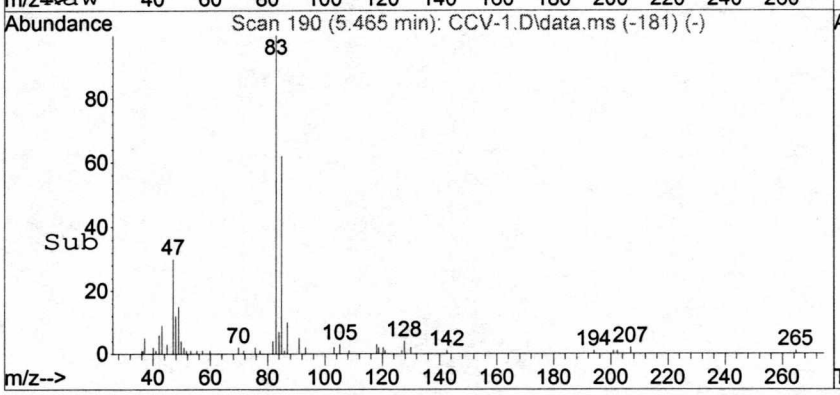


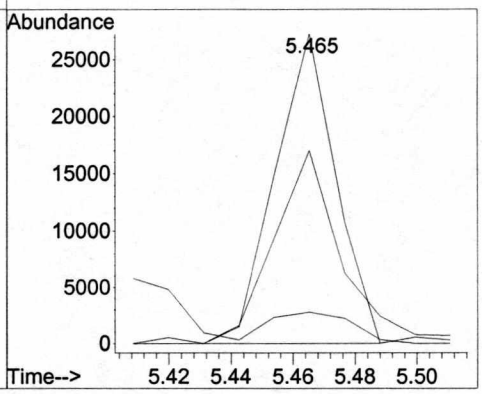


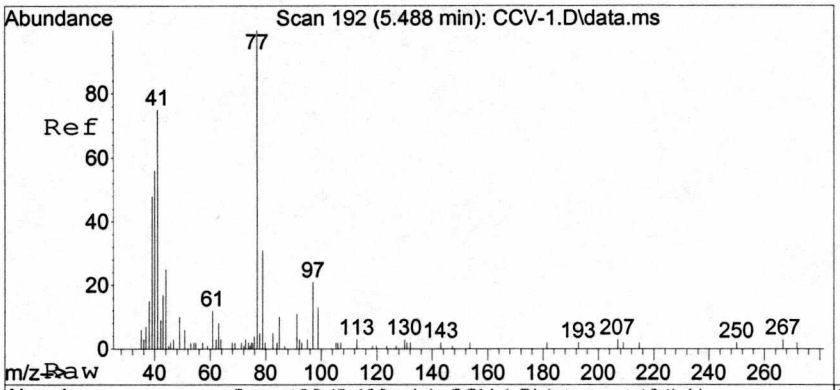
#32
Chloroform
Concen: 56.21 ppbv
RT: 5.465 min Scan# 190
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 83 Resp: 37105

Ion	Ratio	Lower	Upper
83	100		
85	70.2	34.7	52.1#
87	14.2	0.0	0.0#



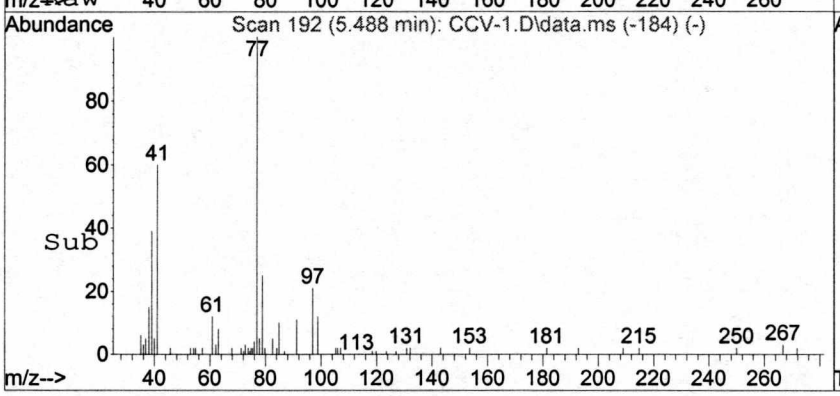


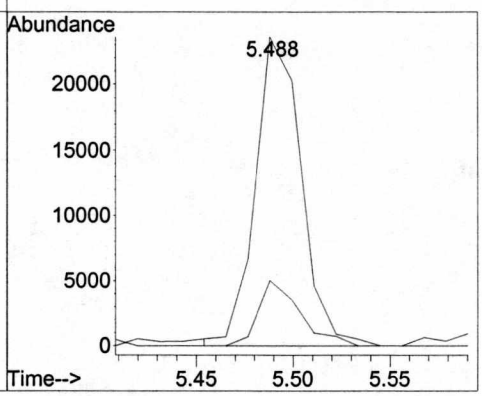


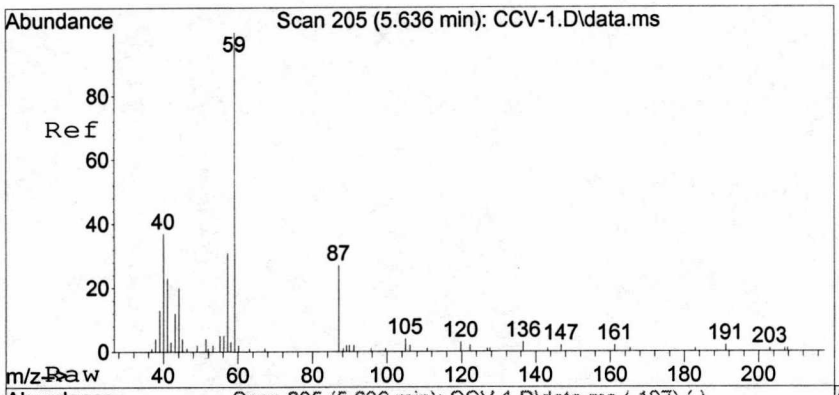
#33
2,2 Dichloropropane
Concen: 56.92 ppbv
RT: 5.488 min Scan# 192
Delta R.T. -0.011 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 77 Resp: 38984

Ion	Ratio	Lower	Upper
77	100		
97	19.1	20.6	30.8#



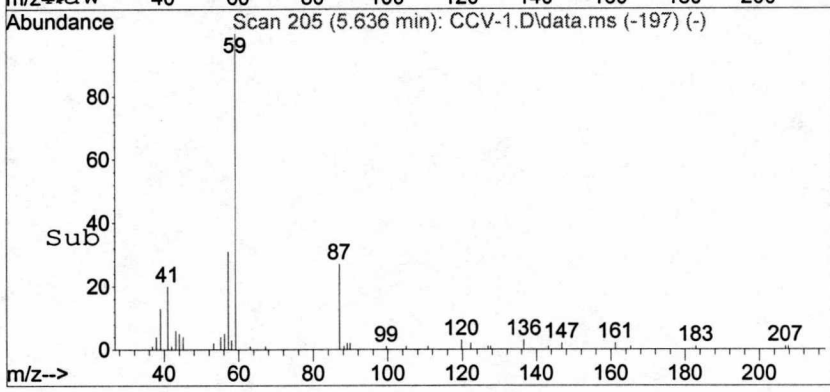


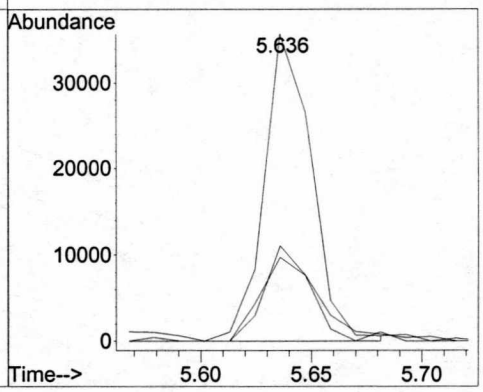


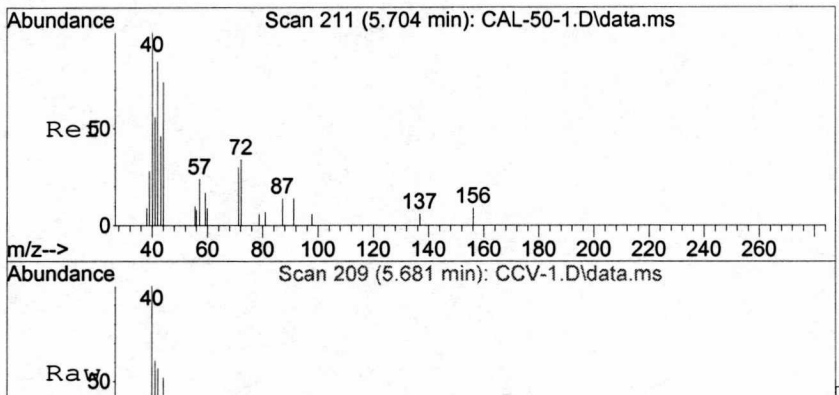
#34
Ethyl tert-Butyl Ether
Concen: 48.99 ppbv
RT: 5.636 min Scan# 205
Delta R.T. -0.011 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 59 Resp: 53037

Ion	Ratio	Lower	Upper
59	100		
57	34.7	19.9	29.9#
87	29.8	29.4	44.0



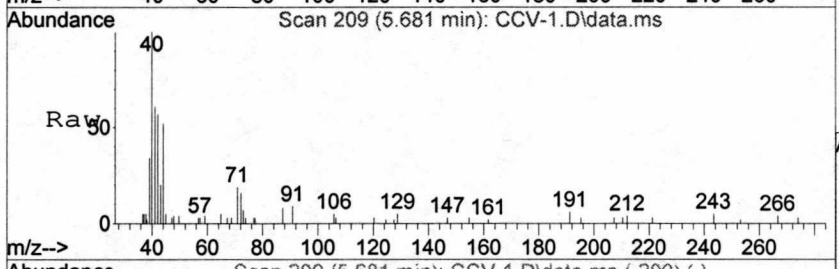


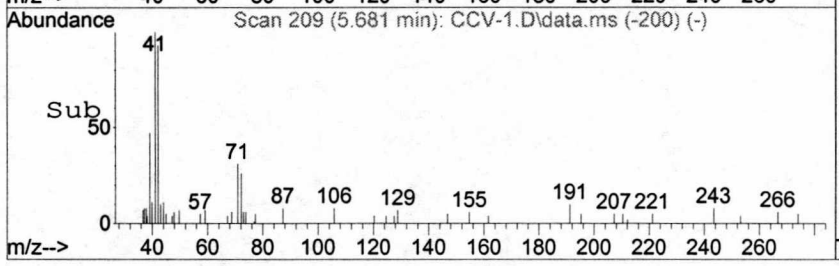


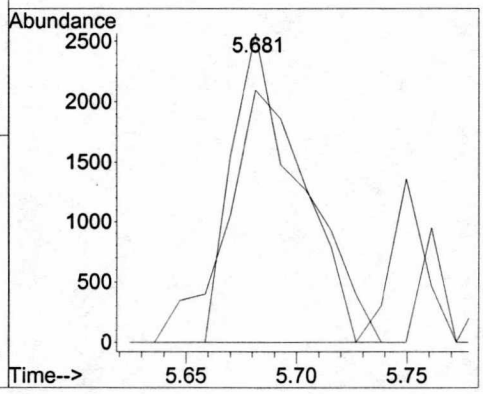
#35
Tetrahydrofuran
Concen: 56.13 ppbv
RT: 5.681 min Scan# 209
Delta R.T. -0.011 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

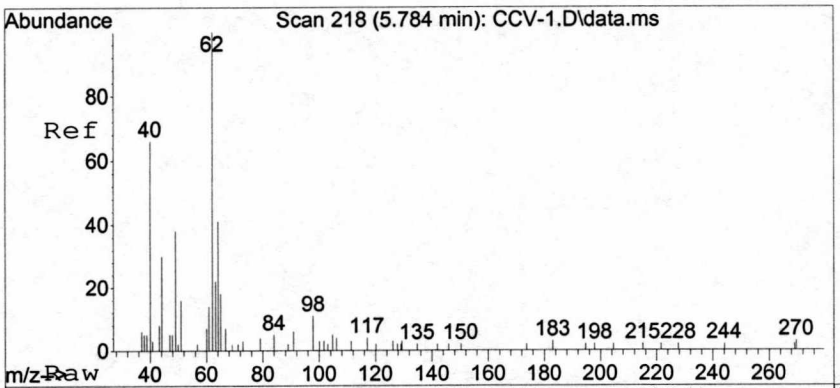
Tgt Ion: 71 Resp: 5581

Ion	Ratio	Lower	Upper
71	100		
72	95.8	67.5	101.3





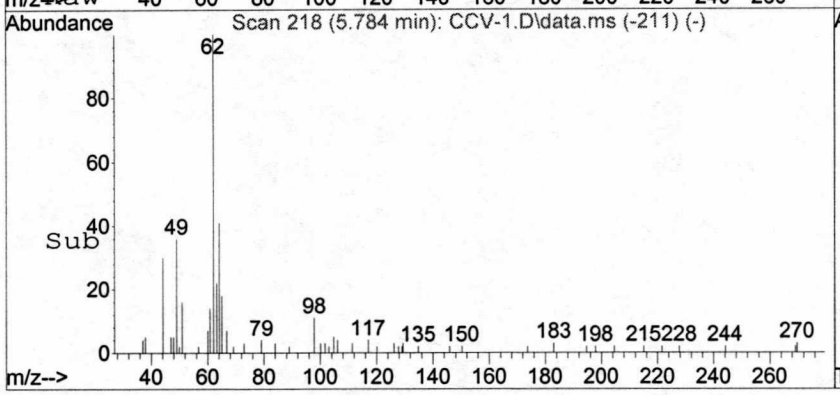


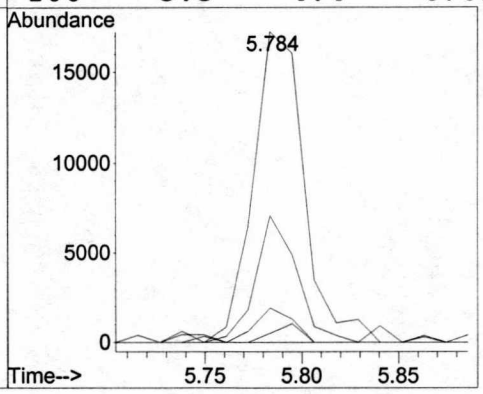


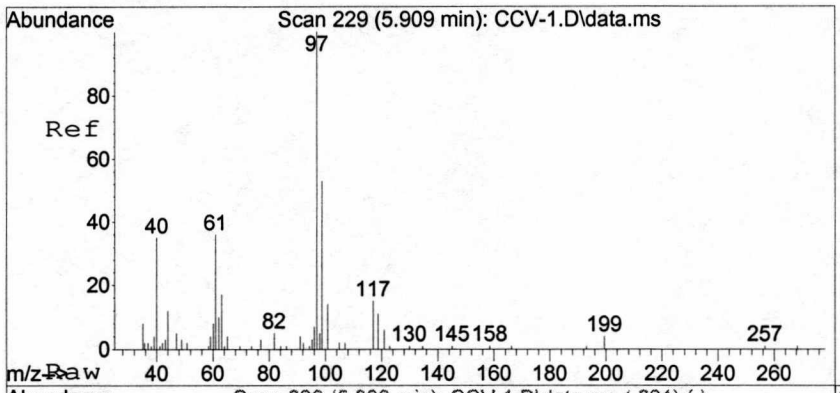
#37
1,2-Dichloroethane
Concen: 56.94 ppbv
RT: 5.784 min Scan# 218
Delta R.T. -0.022 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 62 Resp: 31642

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.6	38.4
98	8.2	3.0	4.4#
100	3.3	4.4	6.6#



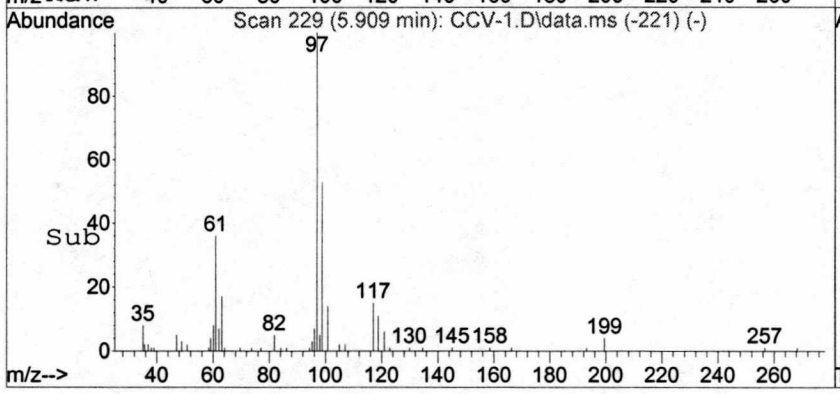


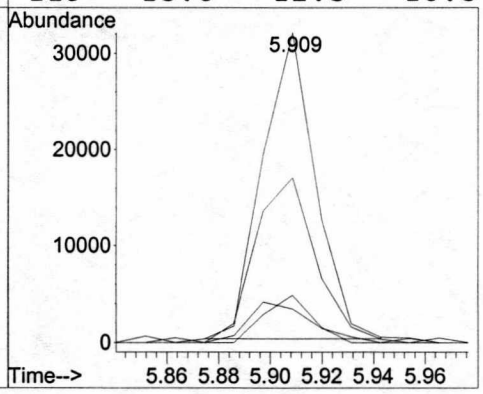


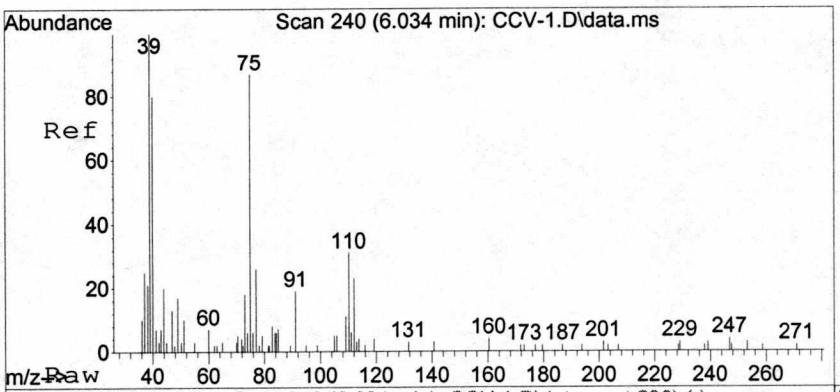
#38
1,1,1-Trichloroethane
Concen: 54.24 ppbv
RT: 5.909 min Scan# 229
Delta R.T. -0.011 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 97 Resp: 45173

Ion	Ratio	Lower	Upper
97	100		
99	62.3	57.8	86.8
117	14.0	6.7	10.1#
119	15.8	12.3	18.5



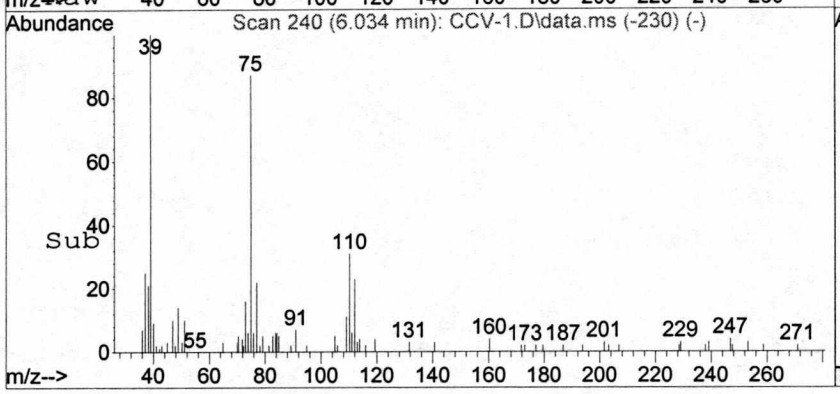


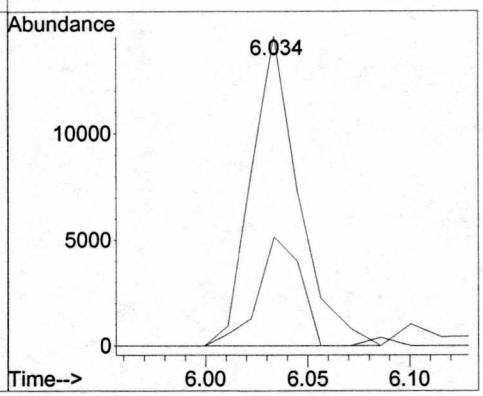


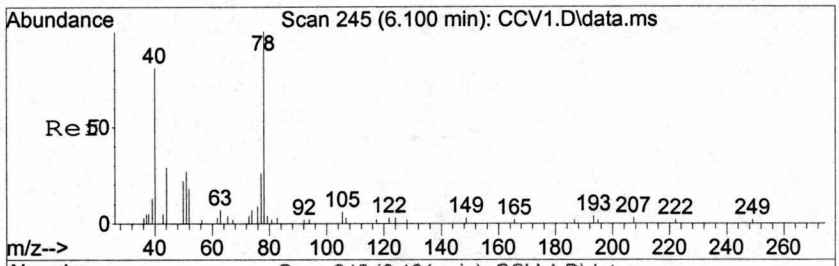
#39
1,1-Dichloropropene
Concen: 51.14 ppbv
RT: 6.034 min Scan# 240
Delta R.T. -0.012 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 75 Resp: 25111

Ion	Ratio	Lower	Upper
75	100		
110	29.8	23.5	35.3



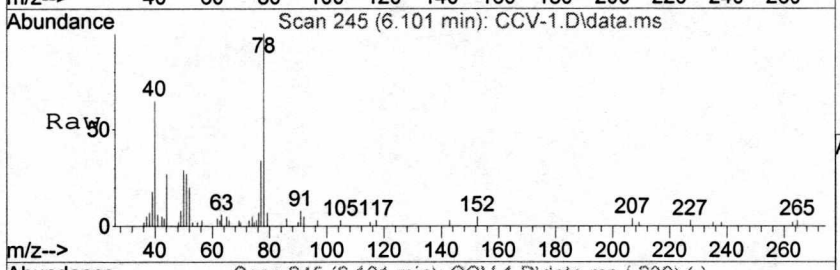


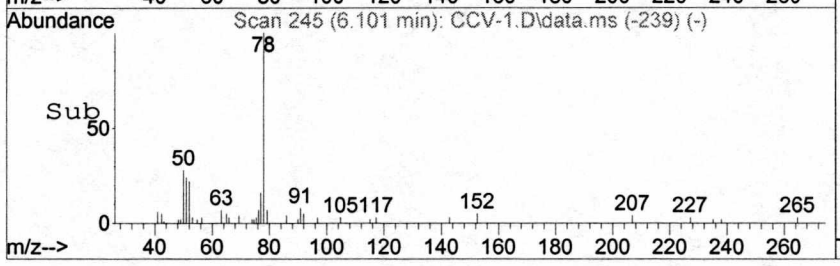


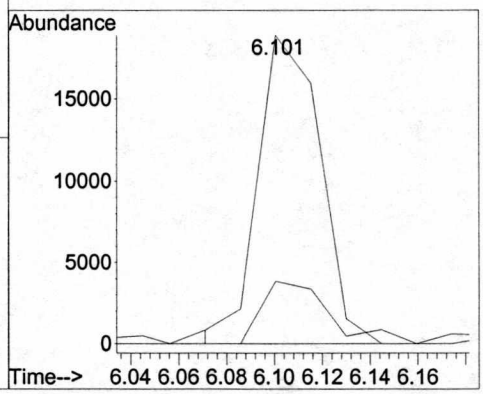
#40
Benzene
Concen: 48.76 ppbv
RT: 6.101 min Scan# 245
Delta R.T. -0.016 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

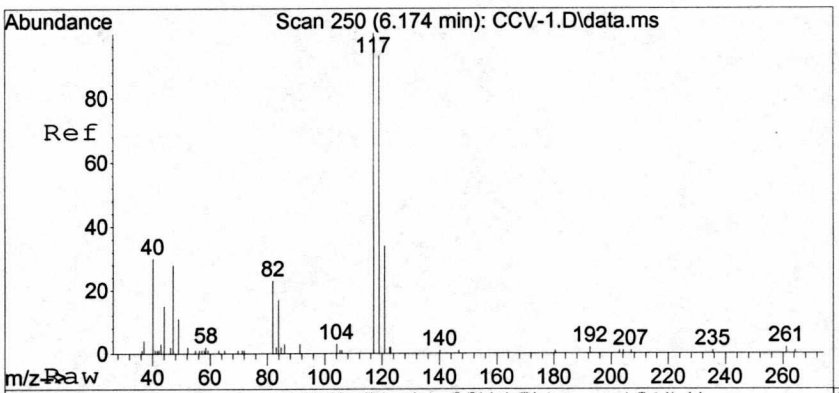
Tgt Ion: 78 Resp: 34004

Ion	Ratio	Lower	Upper
78	100		
52	22.0	16.1	24.1





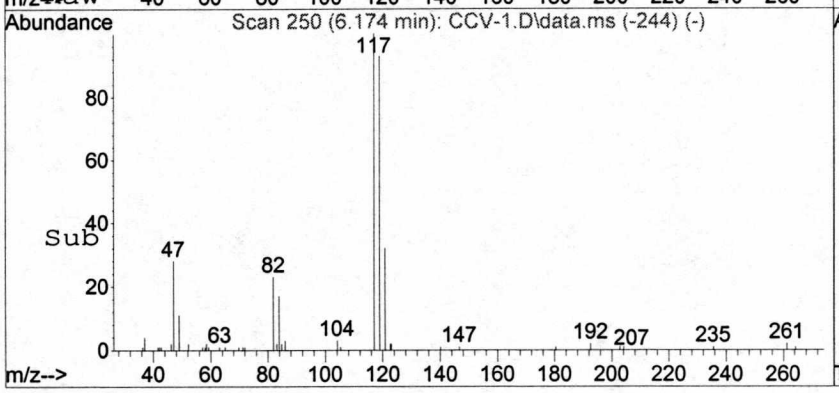


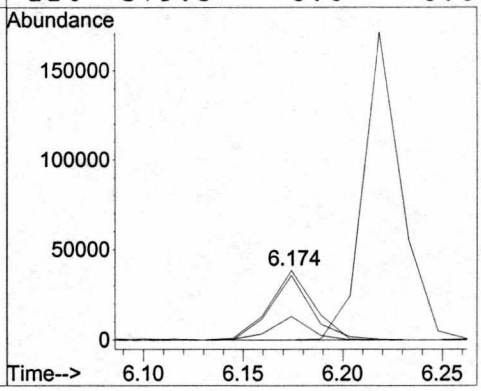


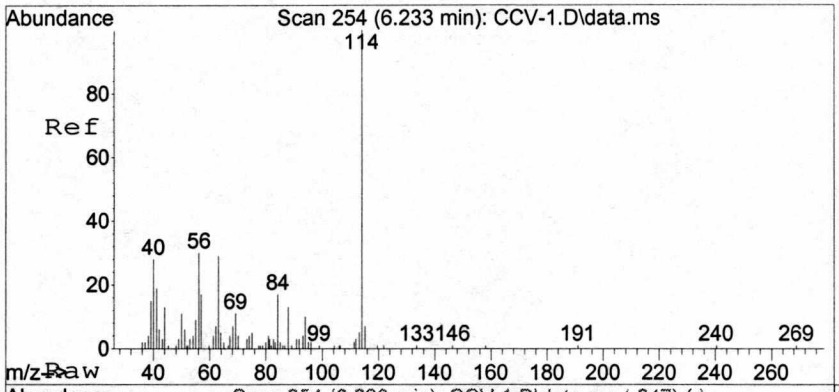
#41
Carbon Tetrachloride
Concen: 63.39 ppbv
RT: 6.174 min Scan# 250
Delta R.T. -0.014 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:117 Resp: 58546

Ion	Ratio	Lower	Upper
117	100		
119	87.5	73.4	110.0
121	29.0	21.9	32.9
114	379.3	0.0	0.0#



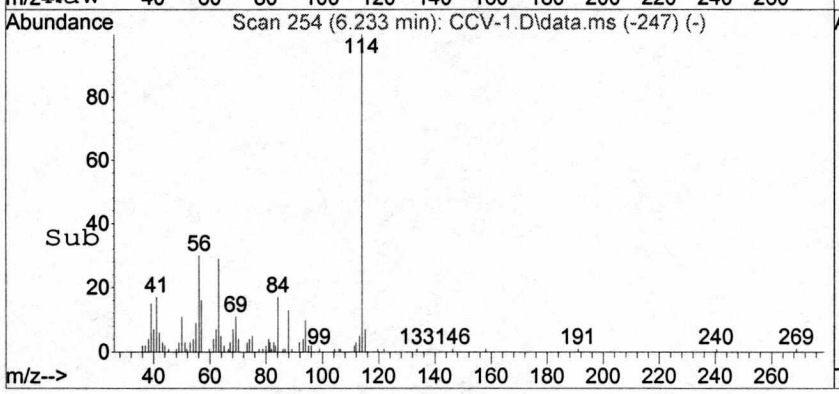


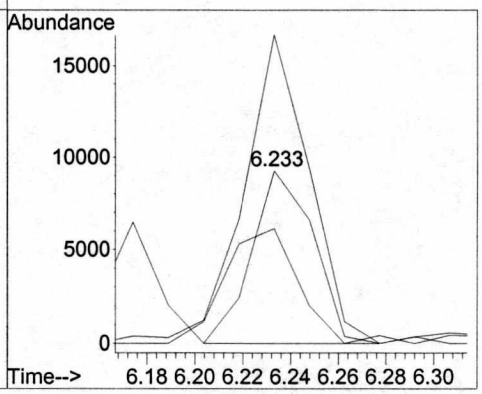


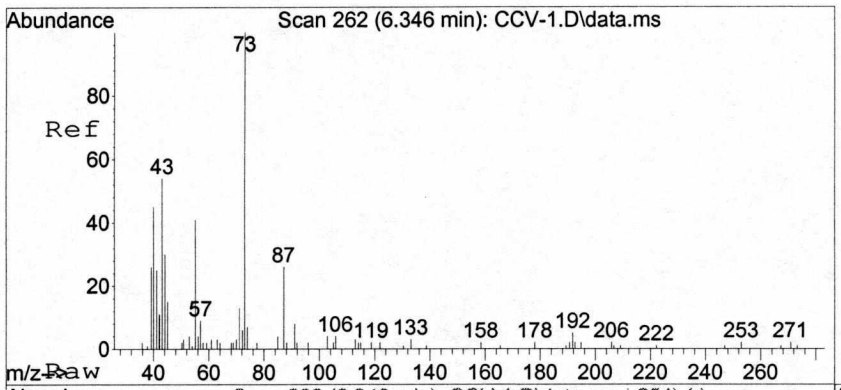
#43
Cyclohexane
Concen: 48.29 ppbv
RT: 6.233 min Scan# 254
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 84 Resp: 16463

Ion	Ratio	Lower	Upper
84	100		
56	192.0	112.8	169.2#
69	78.3	55.4	83.2



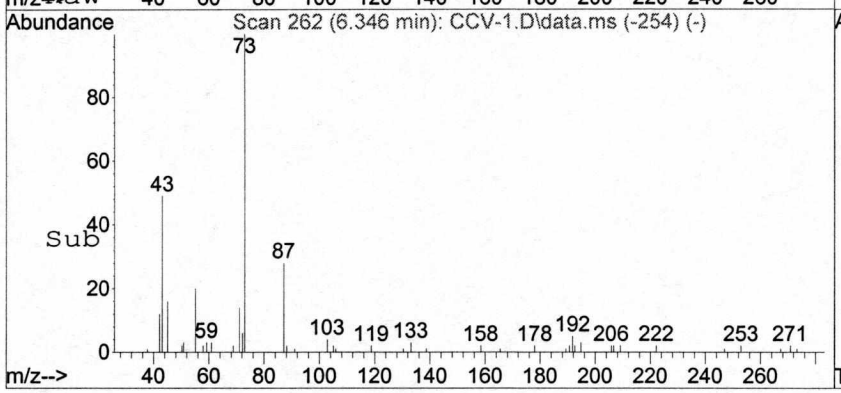


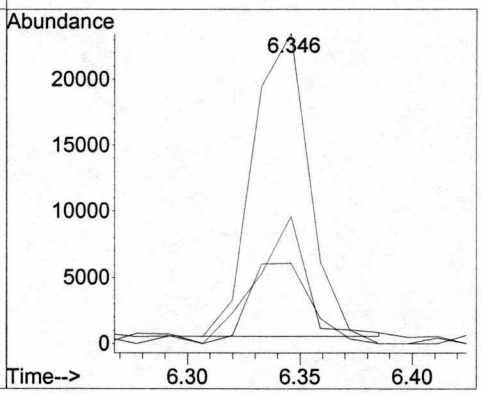


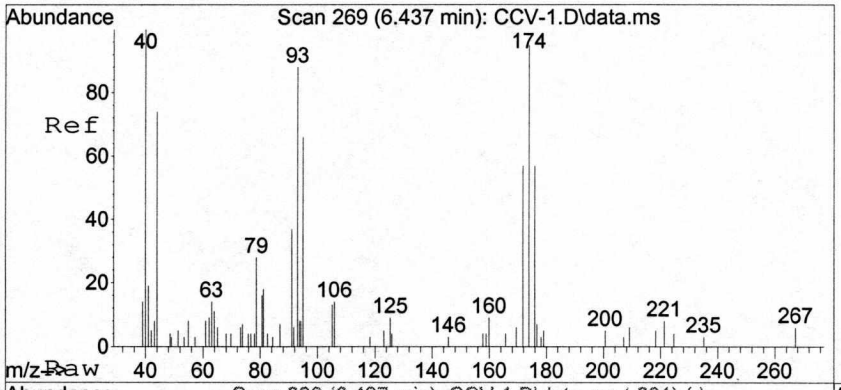
#44
tert-Amyl Methyl Ether
Concen: 45.14 ppbv
RT: 6.346 min Scan# 262
Delta R.T. 0.006 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 73 Resp: 39962

Ion	Ratio	Lower	Upper
73	100		
55	38.1	21.0	31.6#
87	29.4	23.6	35.4



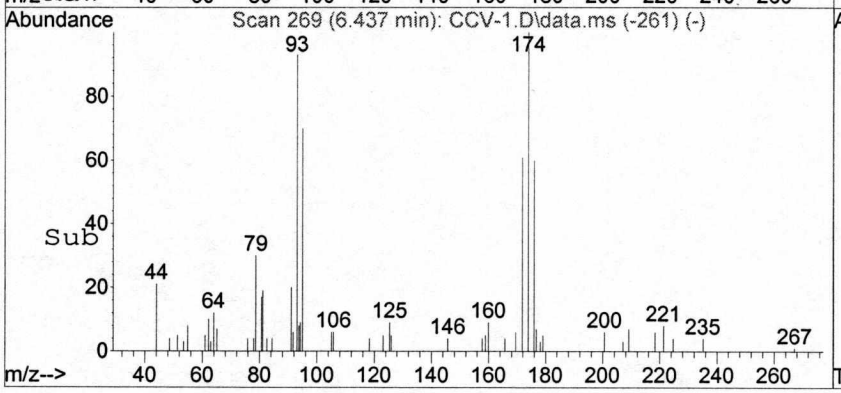


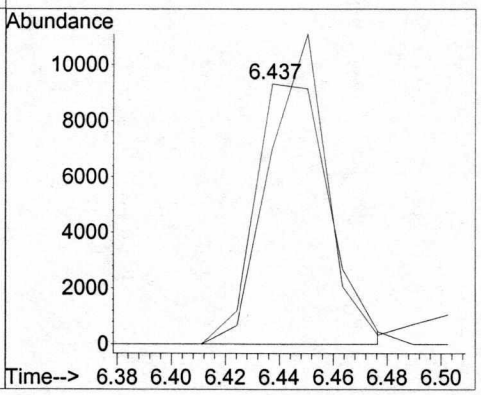


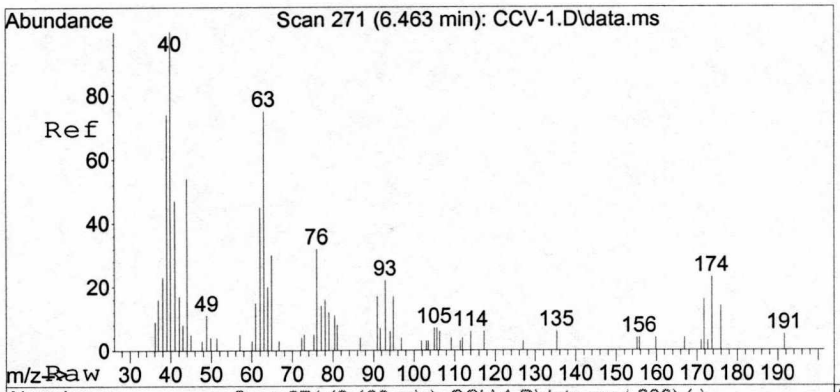
#45
Dibromomethane
Concen: 50.16 ppbv
RT: 6.437 min Scan# 269
Delta R.T. 0.007 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 93 Resp: 17842

Ion	Ratio	Lower	Upper
93	100		
95	92.9	106.1	159.1#



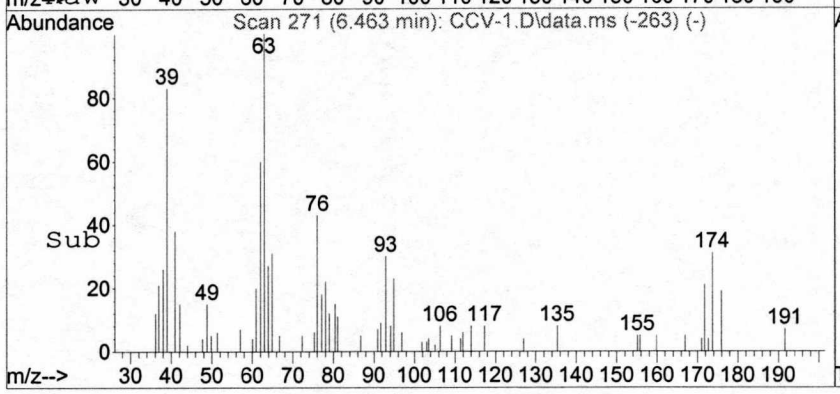


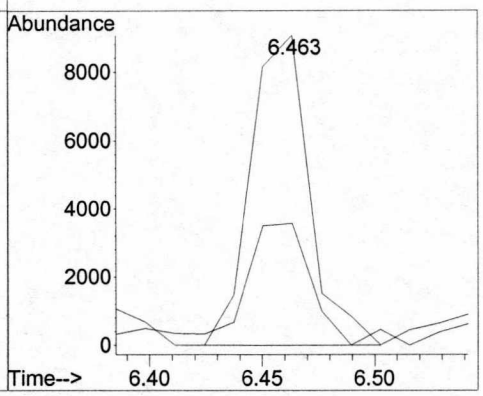


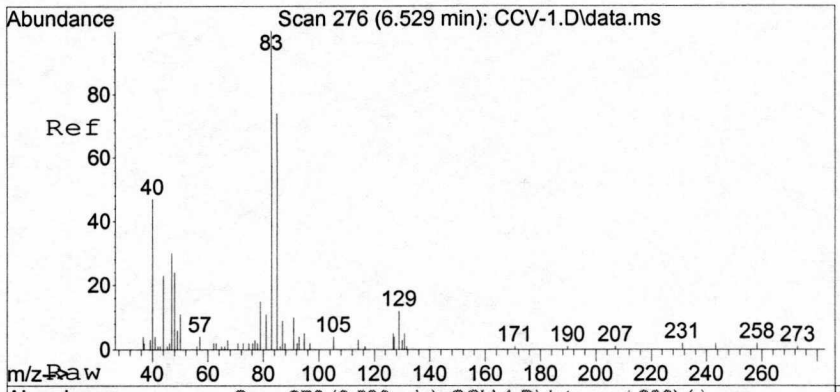
#46
1,2-Dichloropropane
Concen: 54.76 ppbv
RT: 6.463 min Scan# 271
Delta R.T. 0.002 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 63 Resp: 16476

Ion	Ratio	Lower	Upper
63	100		
65	41.5	18.8	28.2#



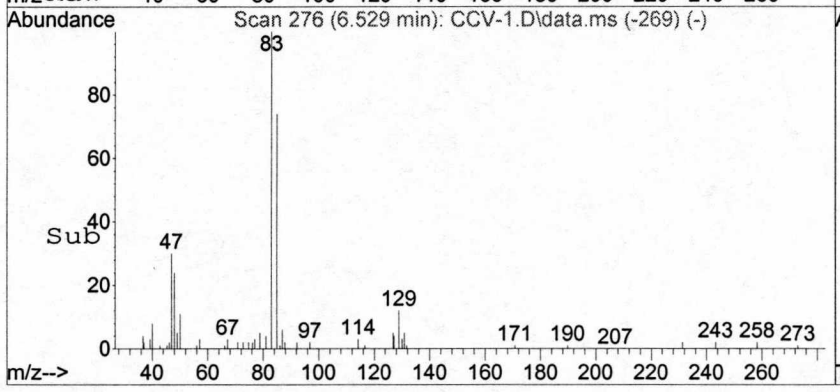


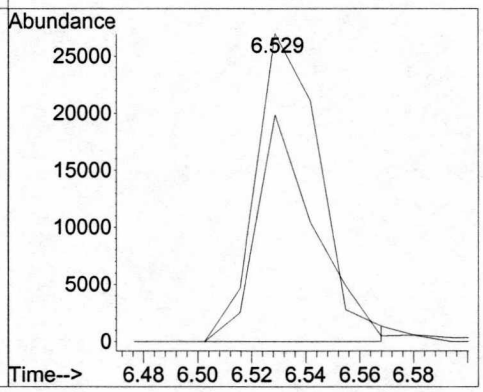


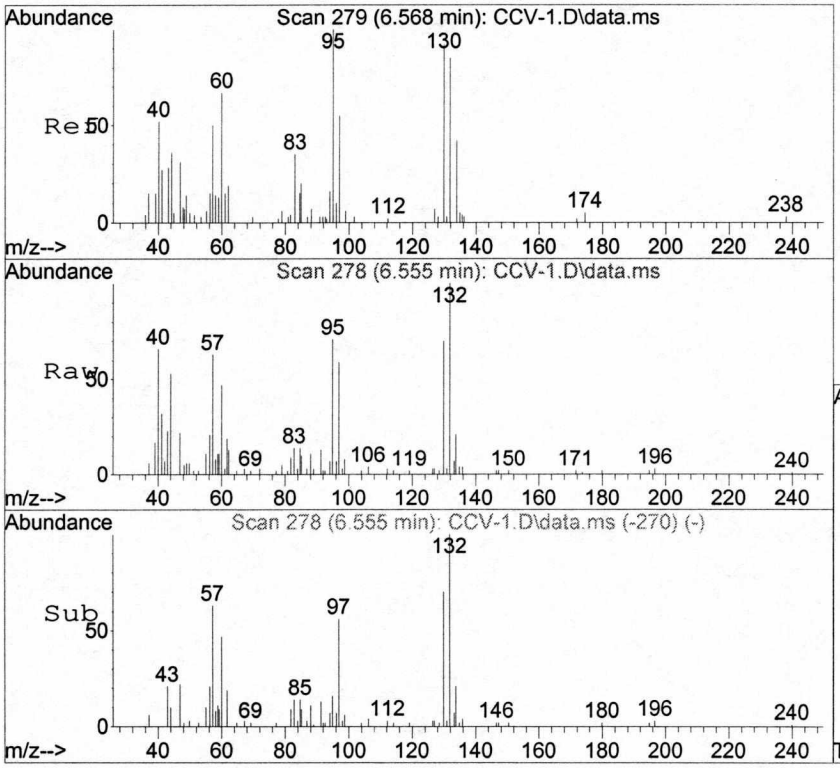
#47
Bromodichloromethane
Concen: 55.18 ppbv
RT: 6.529 min Scan# 276
Delta R.T. -0.010 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 83 Resp: 44566

Ion	Ratio	Lower	Upper
83	100		
85	67.2	44.0	66.0#



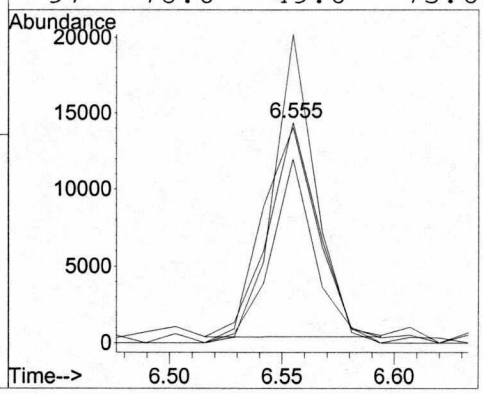


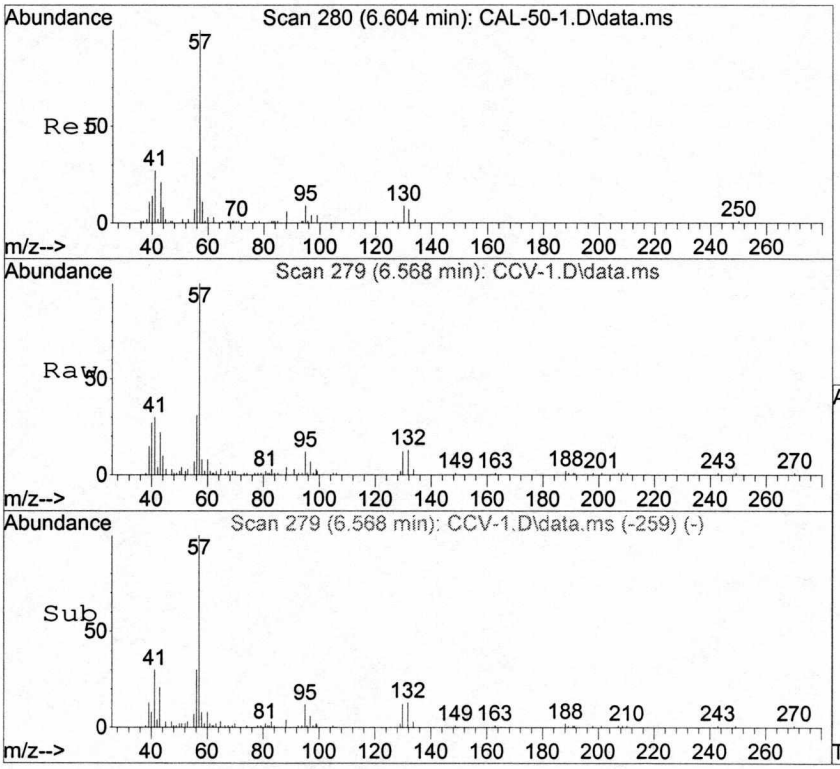


#48
Trichloroethene
Concen: 52.56 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.003 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 95 Resp: 21452

Ion	Ratio	Lower	Upper
95	100		
130	113.2	84.2	126.2
132	123.0	59.5	89.3#
97	78.0	49.0	73.6#

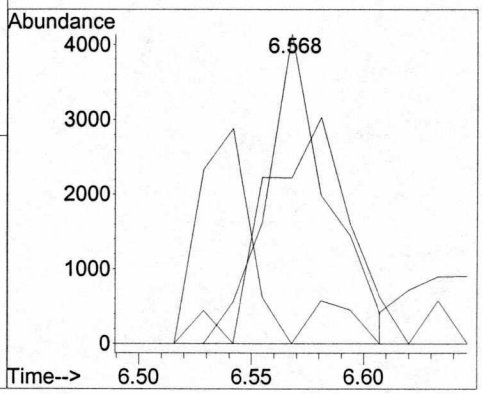


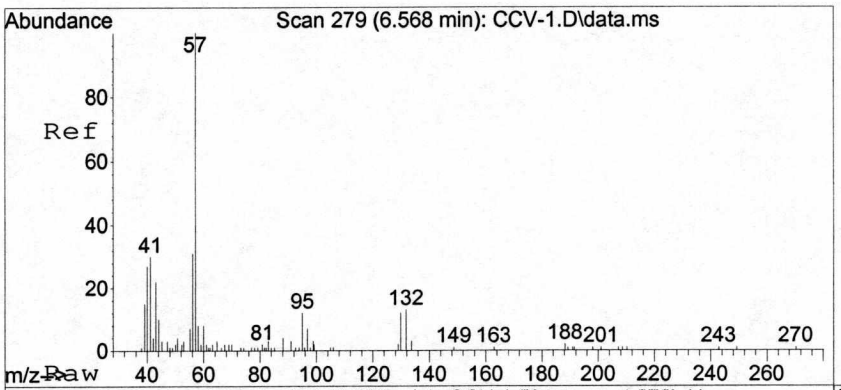


#49
1,4-Dioxane
Concen: 42.95 ppbv
RT: 6.568 min Scan# 279
Delta R.T. 0.016 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 58 Resp: 7969

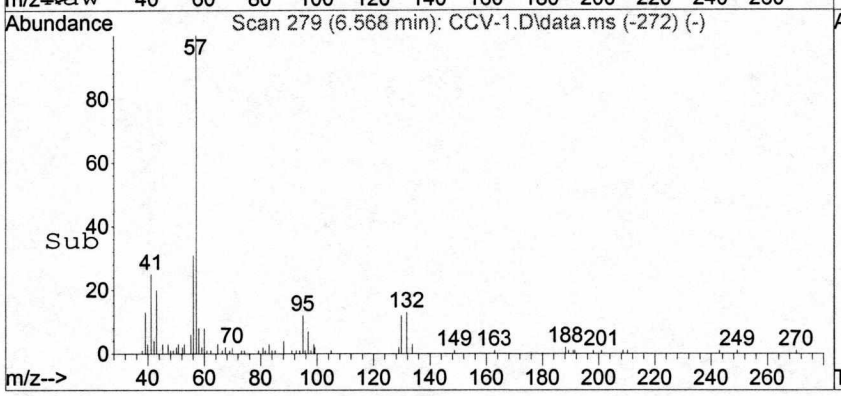
Ion	Ratio	Lower	Upper
58	100		
88	95.5	79.1	118.7
87	10.1	13.0	19.6#

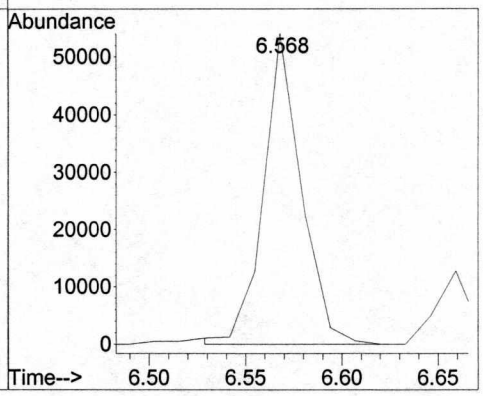


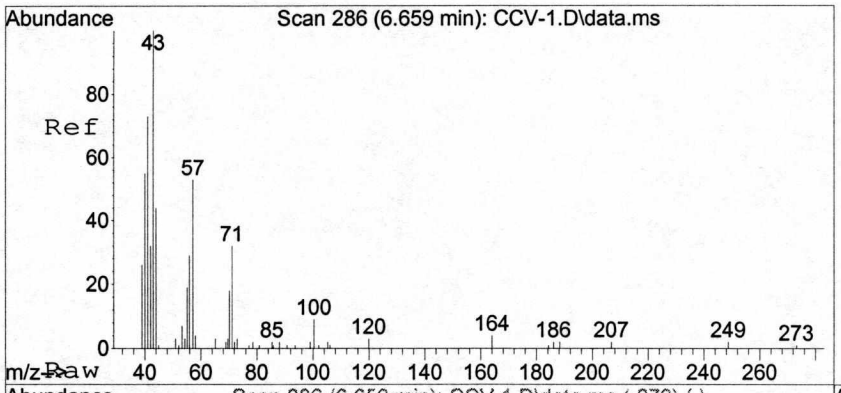


#50
2,2,4-Trimethylpentane
Concen: 49.06 ppbv
RT: 6.568 min Scan# 279
Delta R.T. -0.010 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 57 Resp: 73573



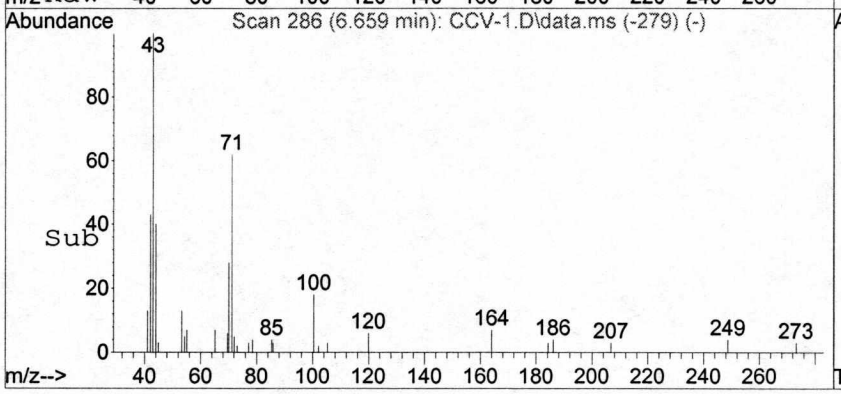


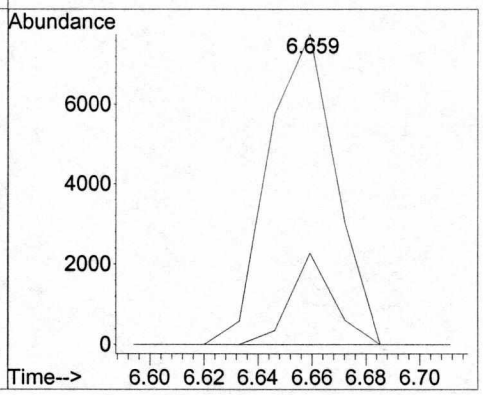


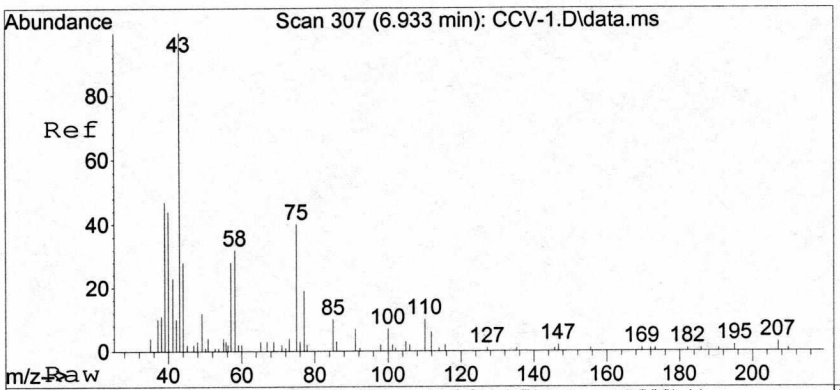
#51
n-Heptane
Concen: 54.52 ppbv
RT: 6.659 min Scan# 286
Delta R.T. -0.010 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 71 Resp: 13402

Ion	Ratio	Lower	Upper
71	100		
100	18.8	9.8	14.8#



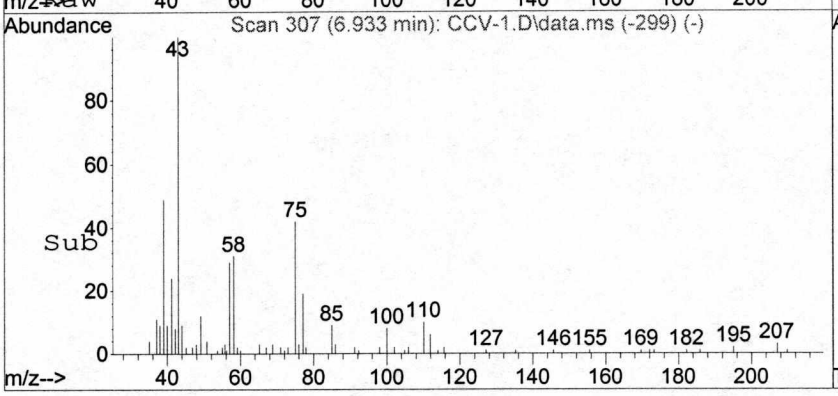


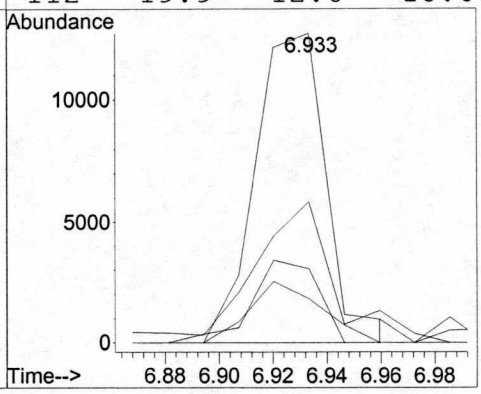


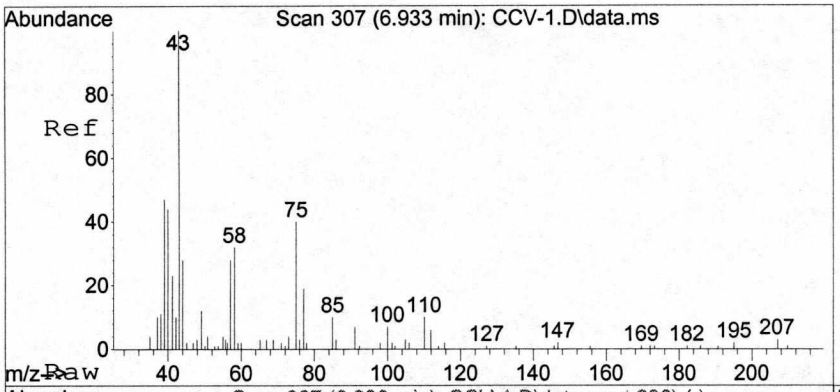
#52
cis-1,3-Dichloropropene
Concen: 44.15 ppbv
RT: 6.933 min Scan# 307
Delta R.T. 0.004 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 75 Resp: 23332

Ion	Ratio	Lower	Upper
75	100		
110	25.0	17.1	25.7
77	39.9	25.0	37.4#
112	19.9	12.0	18.0#



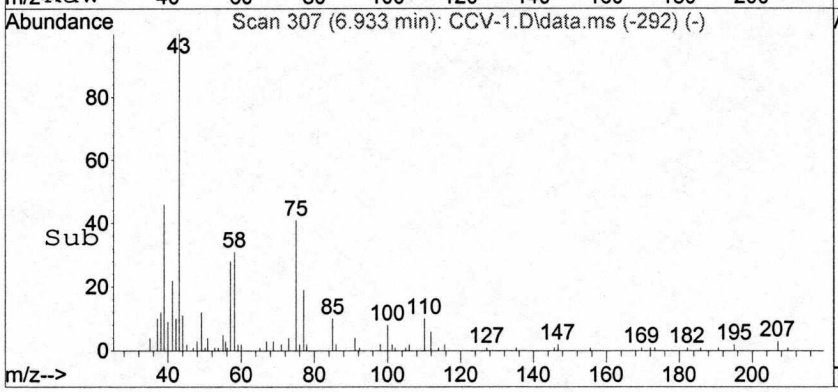


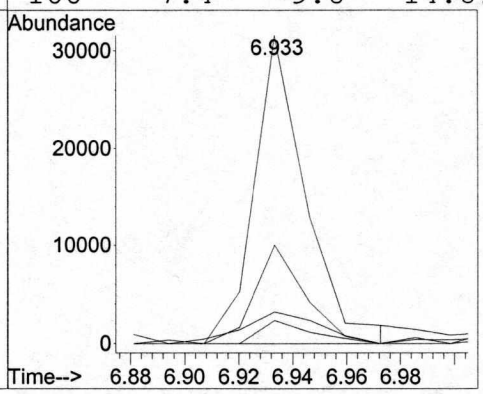


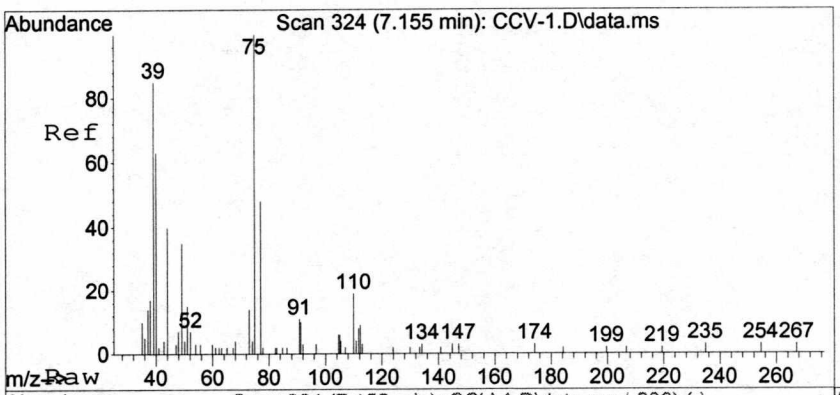
#53
4-Methyl-2-Pentanone
Concen: 42.60 ppbv
RT: 6.933 min Scan# 307
Delta R.T. -0.009 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 43 Resp: 41853

Ion	Ratio	Lower	Upper
43	100		
58	30.9	26.1	39.1
85	15.3	7.8	11.8#
100	7.4	9.8	14.8#



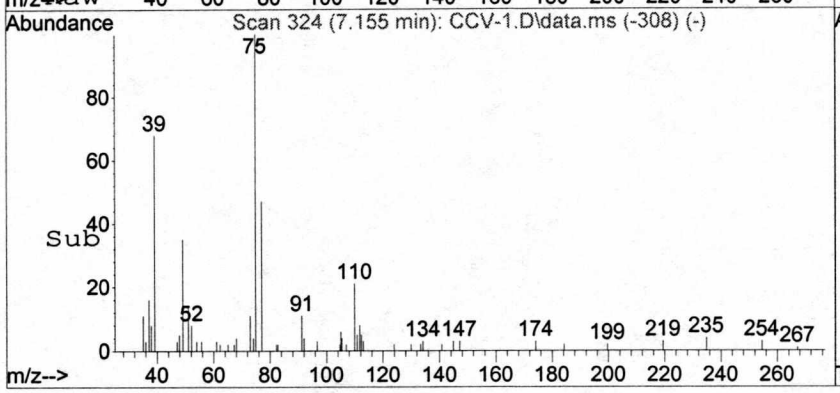


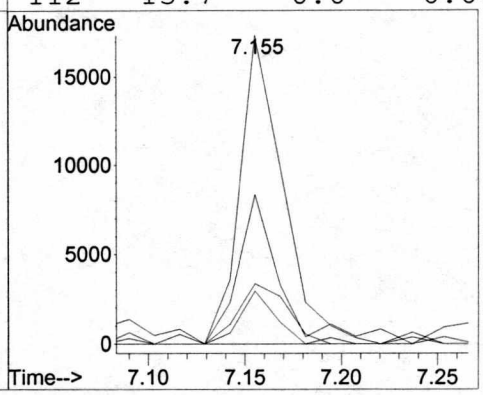


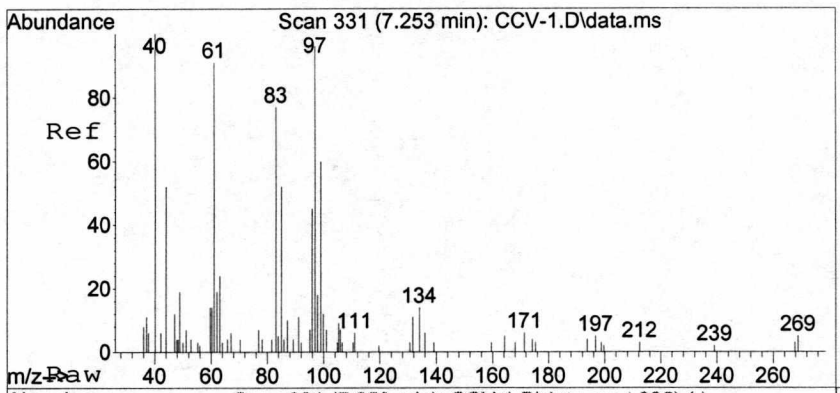
#54
trans-1,3-Dichloropene
Concen: 47.61 ppbv
RT: 7.155 min Scan# 324
Delta R.T. 0.012 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 75 Resp: 27019

Ion	Ratio	Lower	Upper
75	100		
110	22.0	18.5	27.7
77	41.4	44.1	66.1#
112	13.7	0.0	0.0#



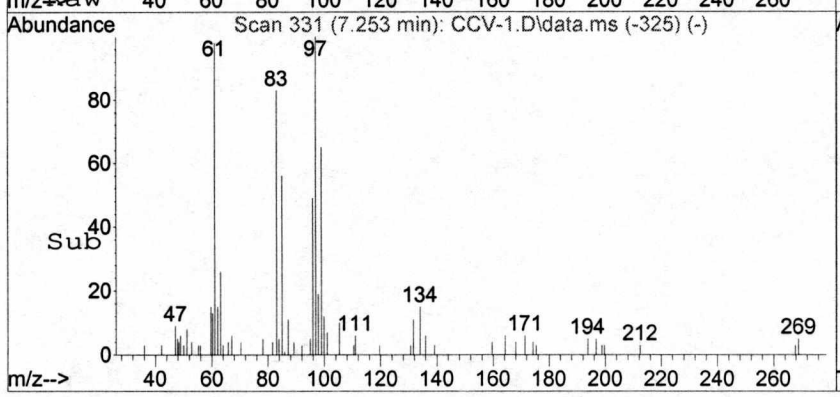


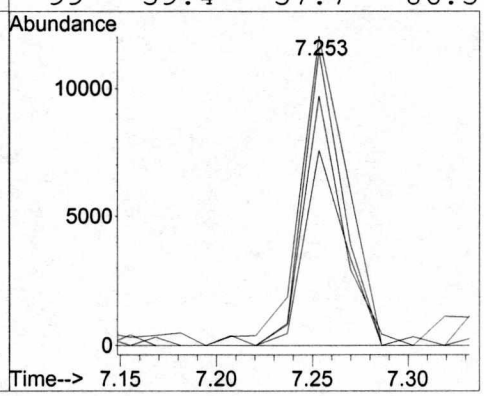


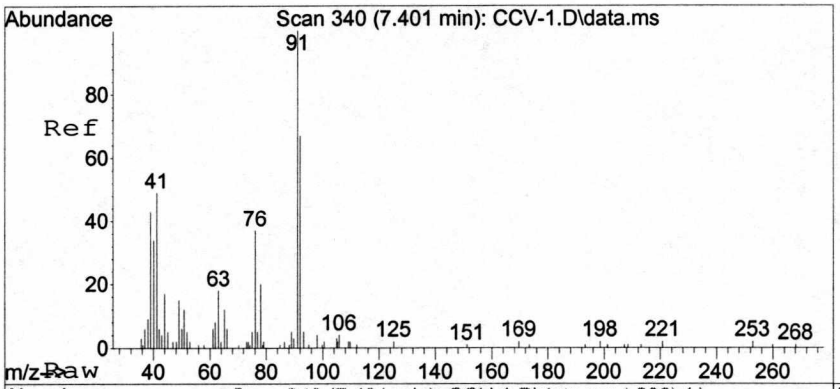
#55
1,1,2-Trichloroethane
Concen: 55.13 ppbv
RT: 7.253 min Scan# 331
Delta R.T. -0.015 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 97 Resp: 18933

Ion	Ratio	Lower	Upper
97	100		
83	72.3	48.6	73.0
61	84.6	52.6	78.8#
99	59.4	57.7	86.5



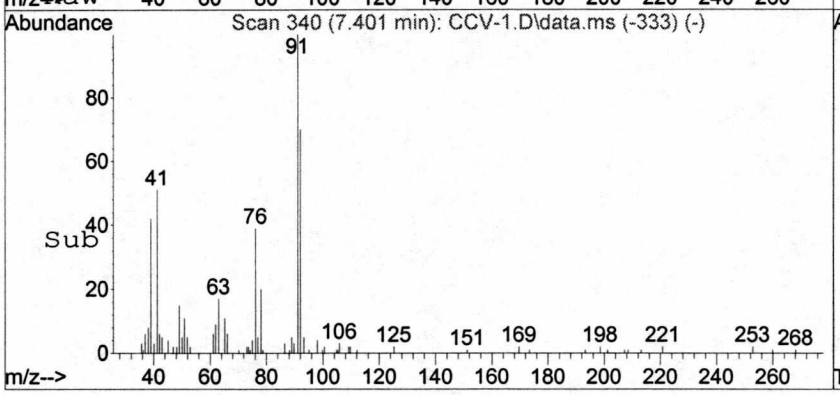


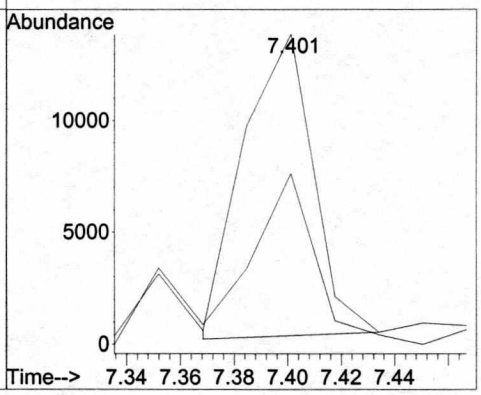


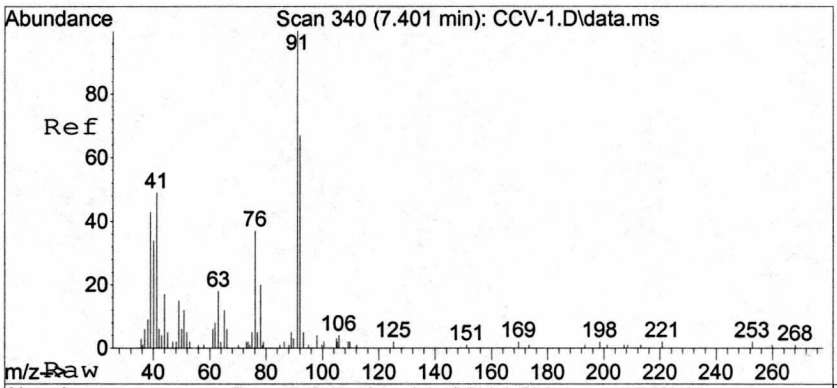
#57
1,3 Dichloropropane
Concen: 52.06 ppbv
RT: 7.401 min Scan# 340
Delta R.T. 0.001 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 76 Resp: 24466

Ion	Ratio	Lower	Upper
76	100		
78	50.3	31.3	46.9#



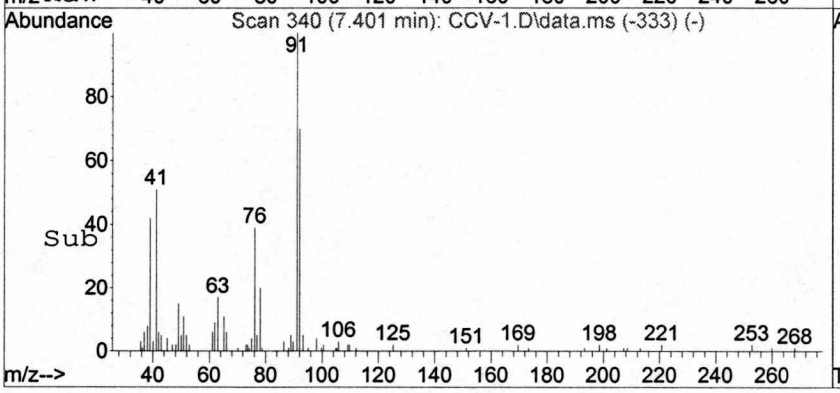


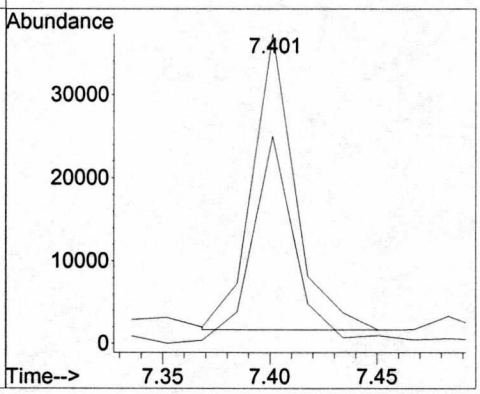


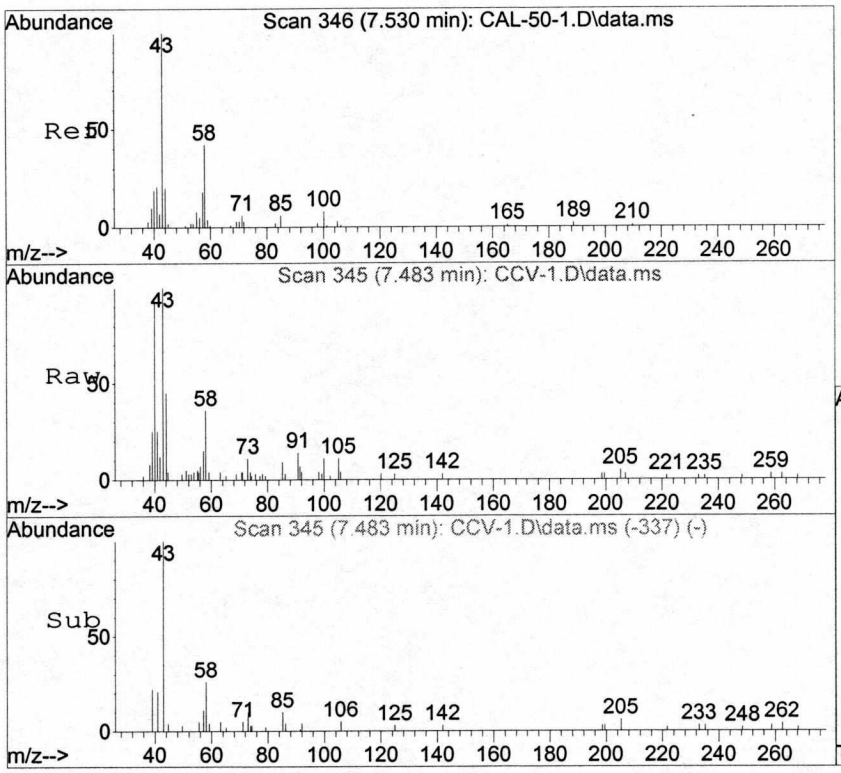
#58
Toluene
Concen: 45.29 ppbv
RT: 7.401 min Scan# 340
Delta R.T. 0.001 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 91 Resp: 49223

Ion	Ratio	Lower	Upper
91	100		
92	69.5	49.9	74.9



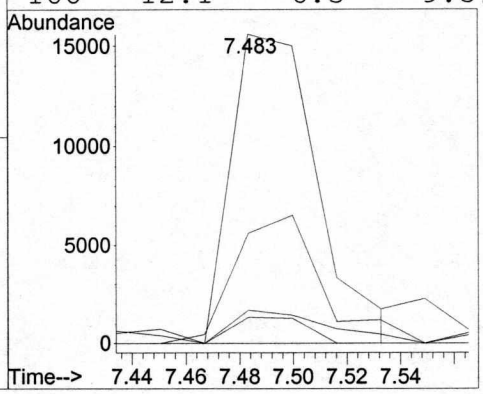


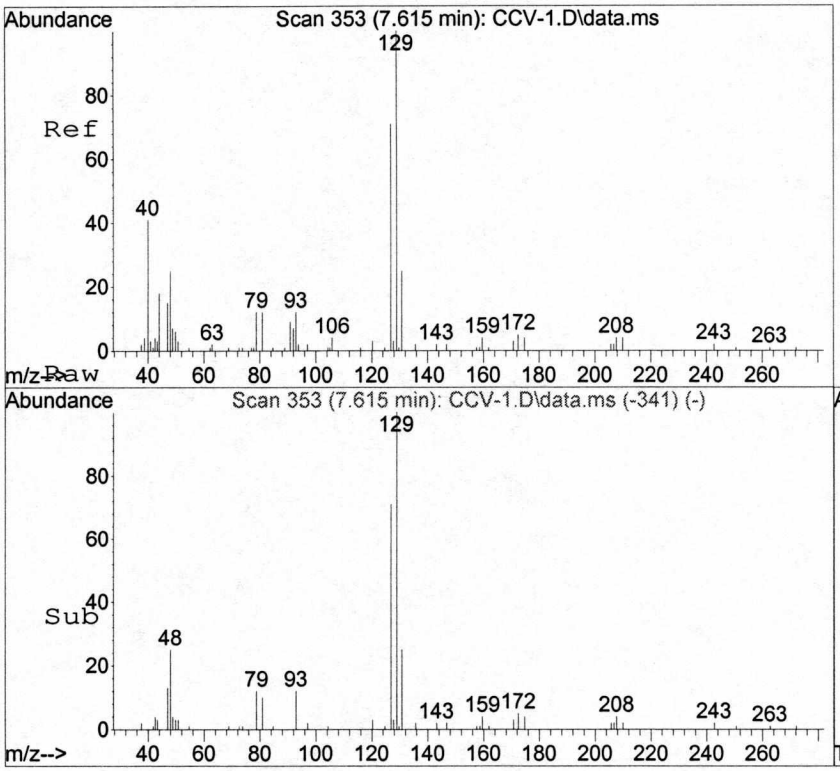


#59
2-Hexanone
Concen: 40.75 ppbv
RT: 7.483 min Scan# 345
Delta R.T. 0.001 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 43 Resp: 35145

Ion	Ratio	Lower	Upper
43	100		
58	41.8	42.2	63.4#
85	7.3	3.3	4.9#
100	12.1	6.3	9.5#

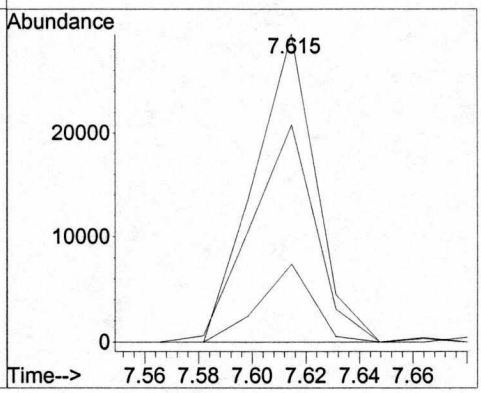


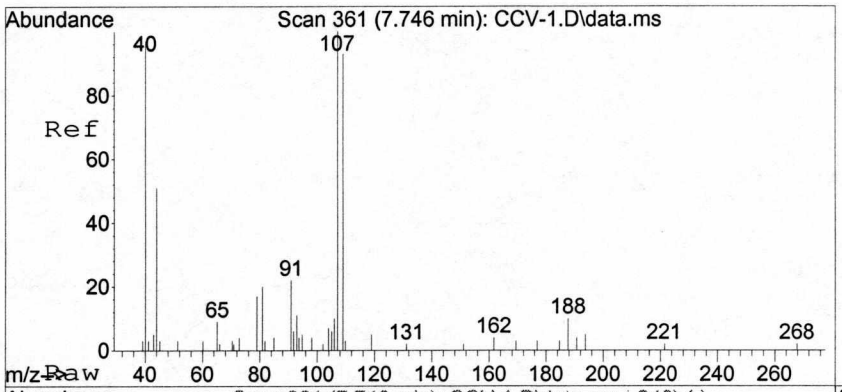


#60
Dibromochloromethane
Concen: 53.46 ppbv
RT: 7.615 min Scan# 353
Delta R.T. 0.002 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:129 Resp: 46690

Ion	Ratio	Lower	Upper
129	100		
127	73.8	70.1	105.1
131	21.9	23.0	34.6#

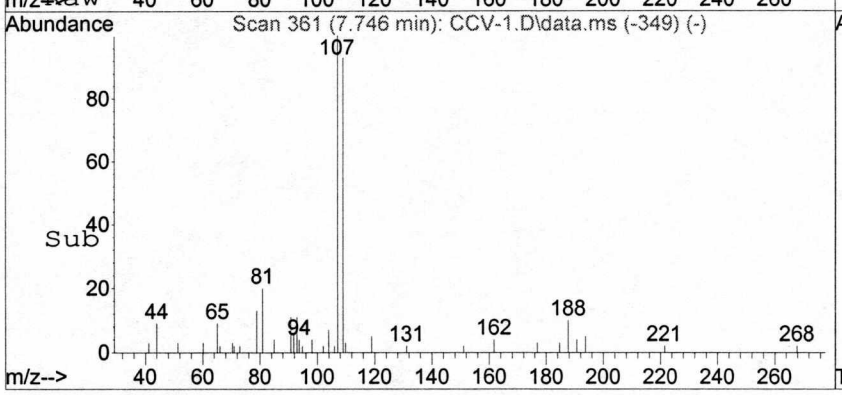


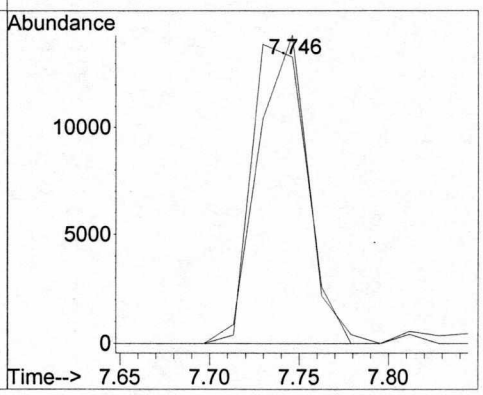


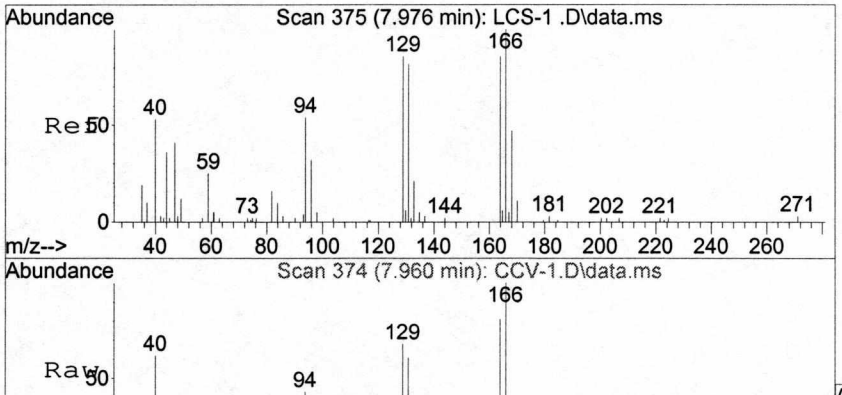
#61
1,2-Dibromoethane
Concen: 46.97 ppbv
RT: 7.746 min Scan# 361
Delta R.T. 0.002 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:107 Resp: 27782

Ion	Ratio	Lower	Upper
107	100		
109	107.1	71.6	107.4



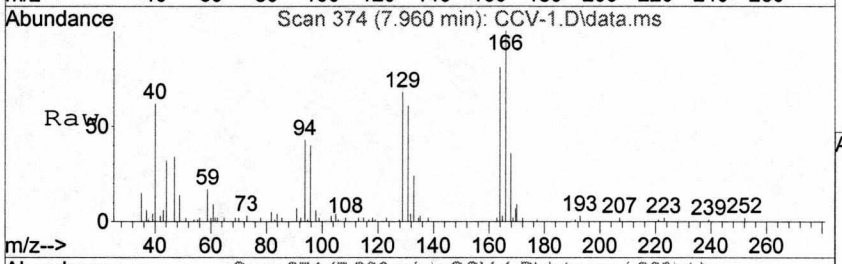


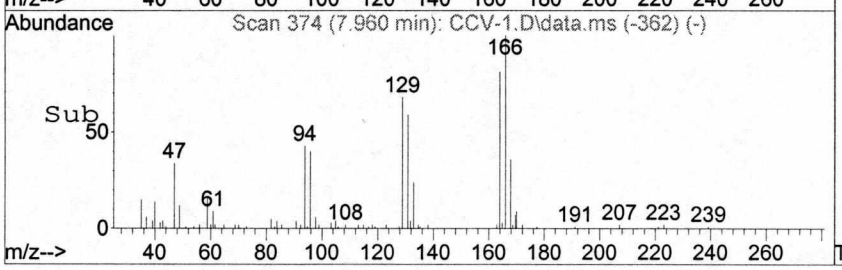


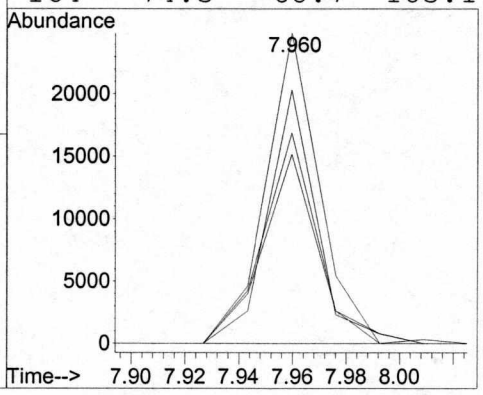
#62
Tetrachloroethene
Concen: 59.04 ppbv
RT: 7.960 min Scan# 374
Delta R.T. 0.002 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

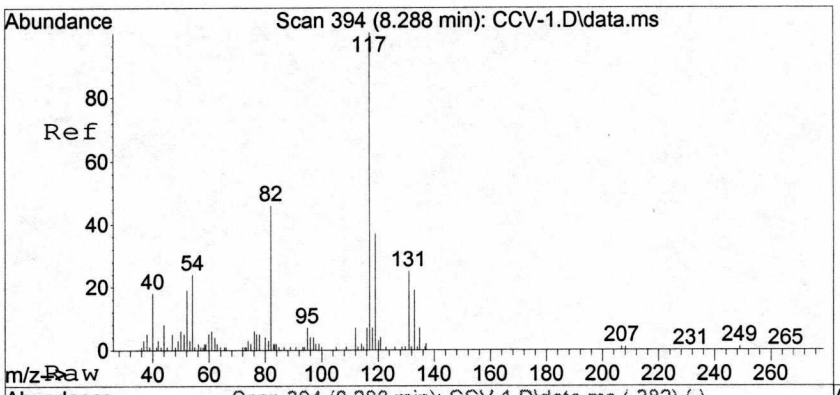
Tgt Ion:166 Resp: 34504

Ion	Ratio	Lower	Upper
166	100		
131	64.5	65.7	98.5#
129	67.9	68.8	103.2#
164	74.3	68.7	103.1





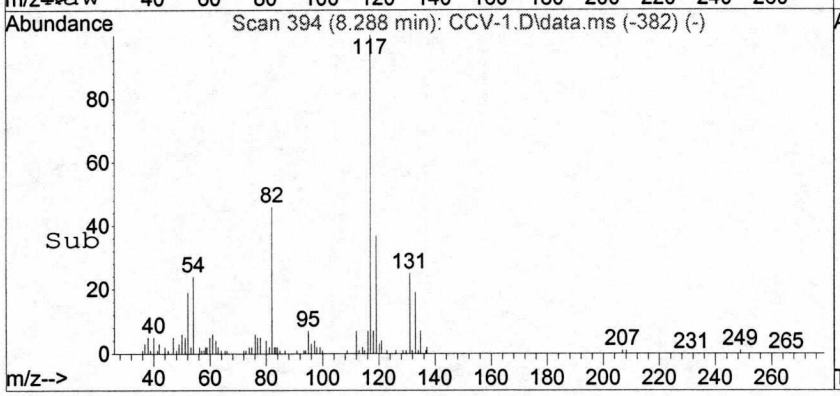


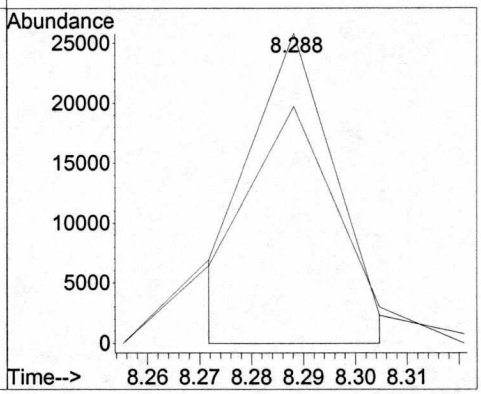


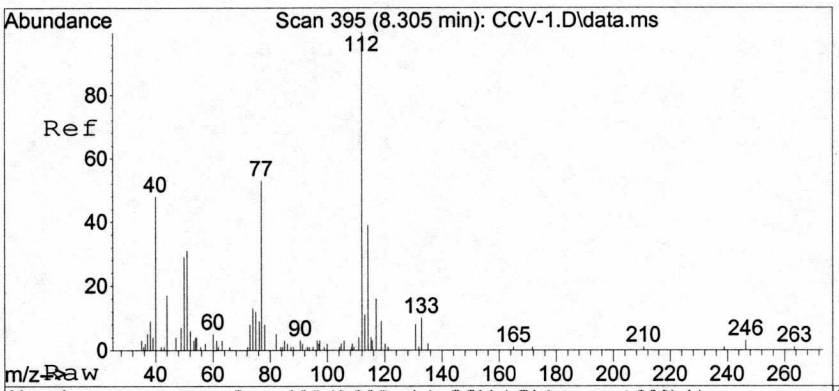
#64
1,1,1,2 Tetrachloroethane
Concen: 54.24 ppbv m
RT: 8.288 min Scan# 394
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:131 Resp: 27714

Ion	Ratio	Lower	Upper
131	100		
133	103.7	61.2	91.8#



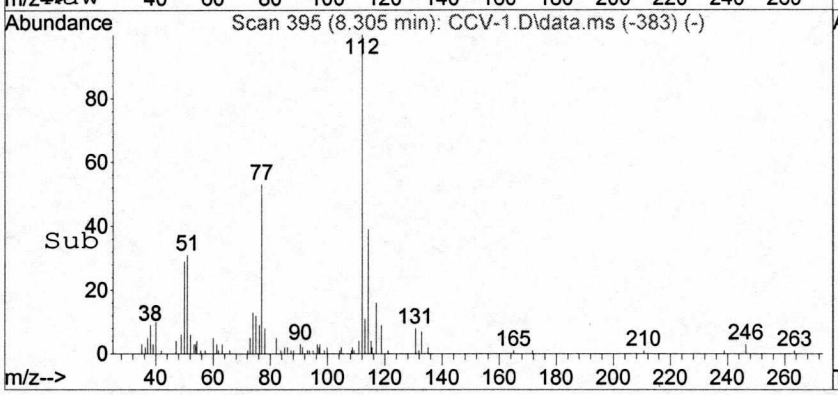


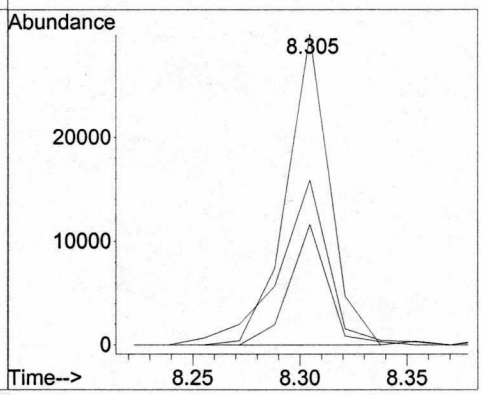


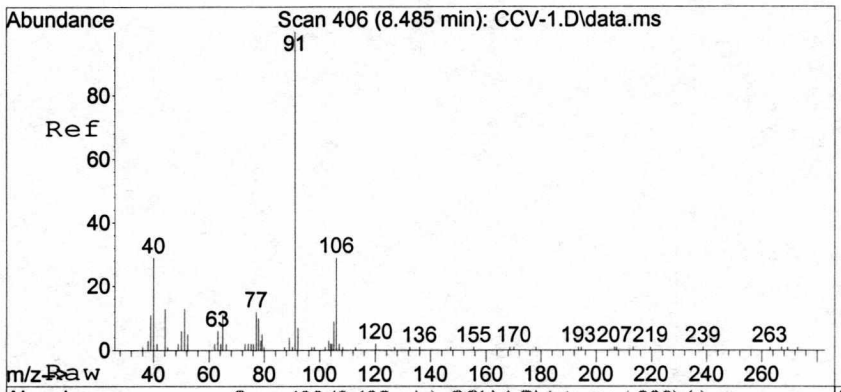
#65
Chlorobenzene
Concen: 54.04 ppbv
RT: 8.305 min Scan# 395
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:112 Resp: 41899

Ion	Ratio	Lower	Upper
112	100		
114	34.6	24.8	37.2
77	61.7	54.9	82.3



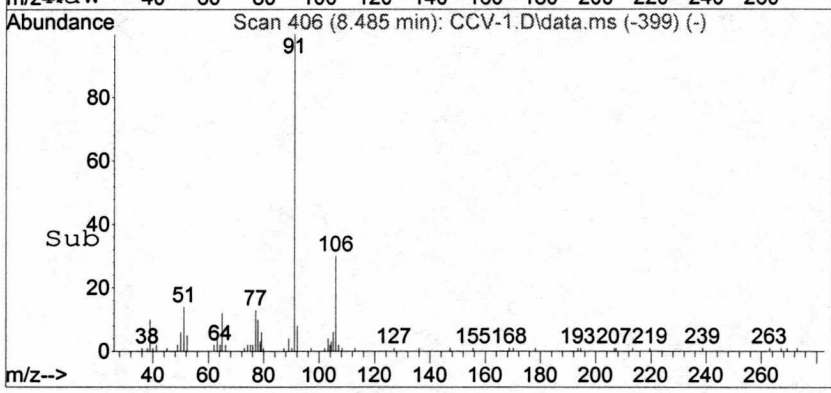


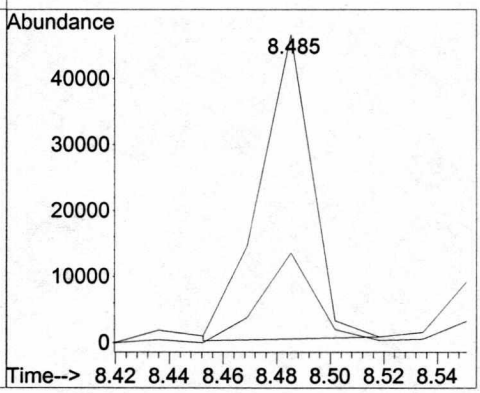


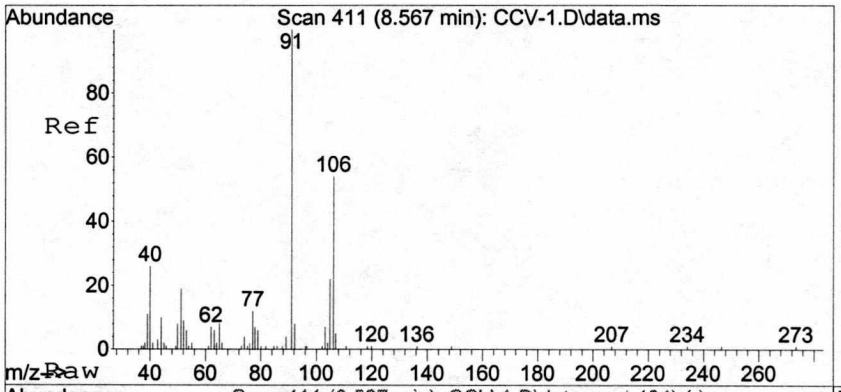
#66
Ethylbenzene
Concen: 45.02 ppbv
RT: 8.485 min Scan# 406
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 91 Resp: 62196

Ion	Ratio	Lower	Upper
91	100		
106	32.2	19.2	28.8#



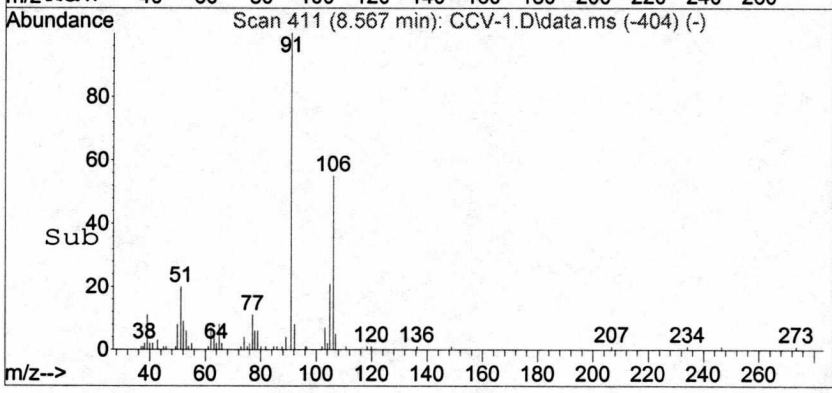


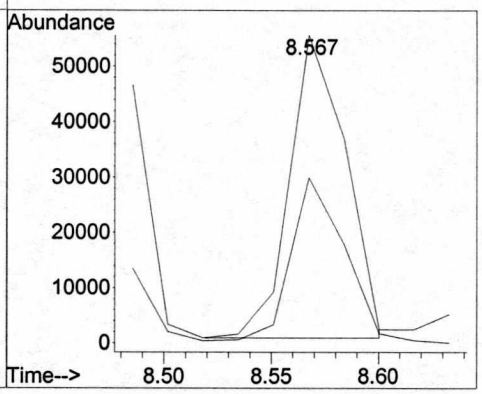


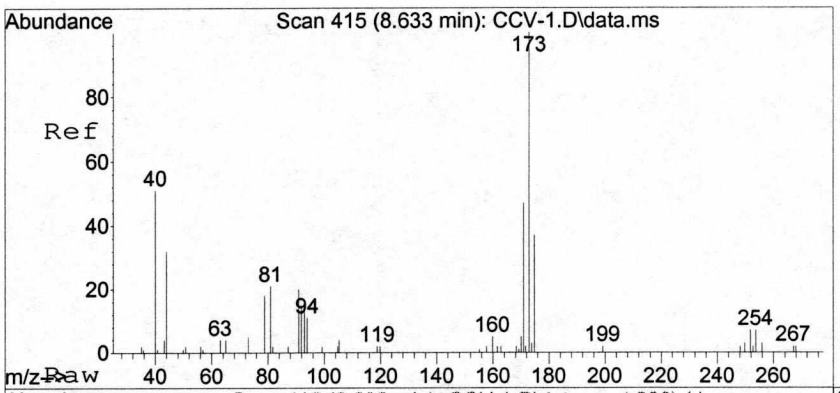
#67
m,p-xylene
Concen: 93.25 ppbv
RT: 8.567 min Scan# 411
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 91 Resp: 99810

Ion	Ratio	Lower	Upper
91	100		
106	50.3	32.6	49.0#



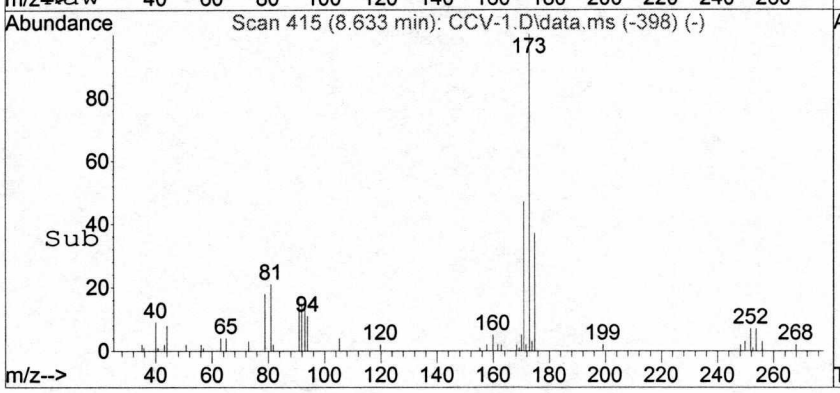


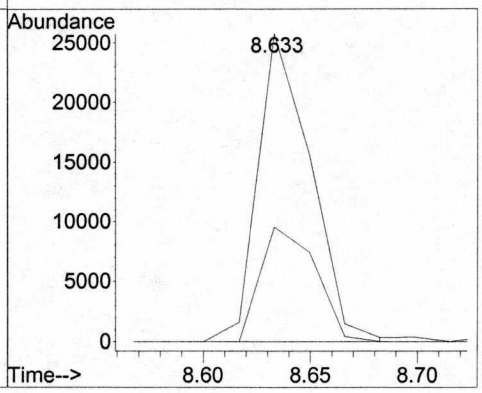


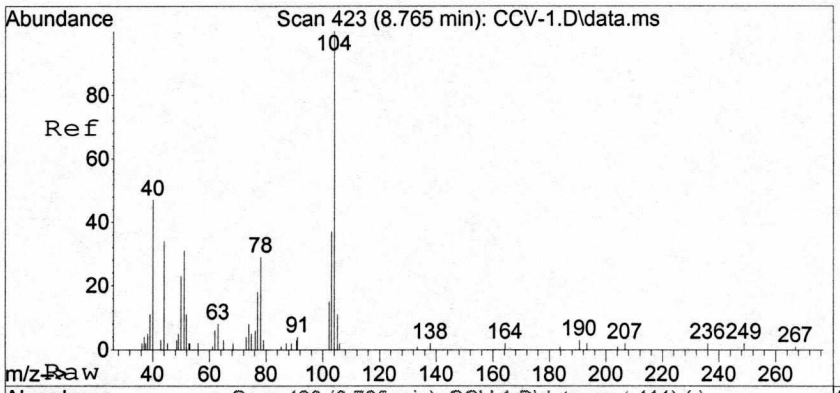
#68
Bromoform
Concen: 53.83 ppbv
RT: 8.633 min Scan# 415
Delta R.T. -0.016 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:173 Resp: 44109

Ion	Ratio	Lower	Upper
173	100		
175	38.8	31.1	71.1



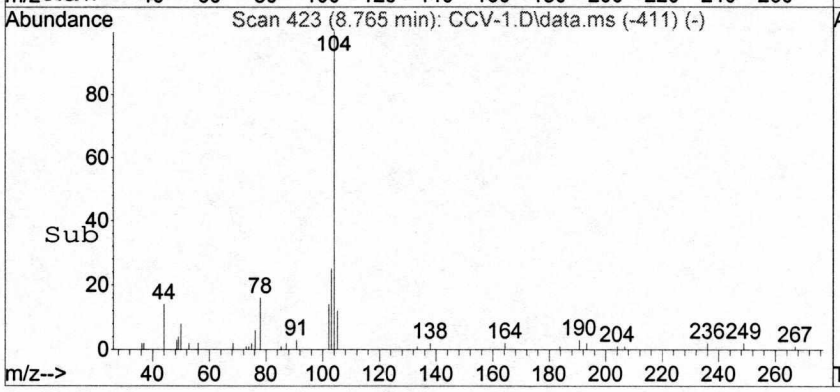


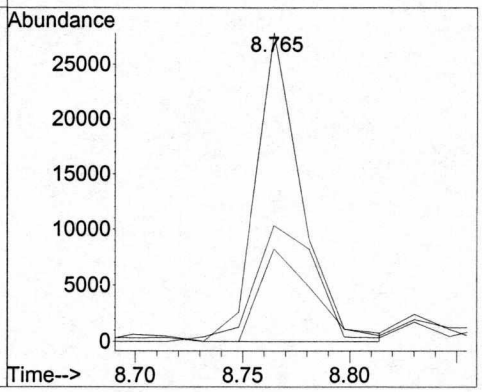


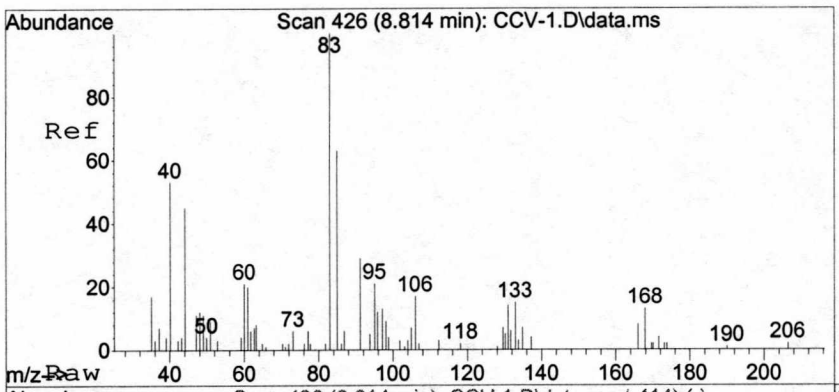
#69
Styrene
Concen: 51.93 ppbv
RT: 8.765 min Scan# 423
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:104 Resp: 40809

Ion	Ratio	Lower	Upper
104	100		
78	35.5	41.0	61.6#
103	46.3	36.0	54.0



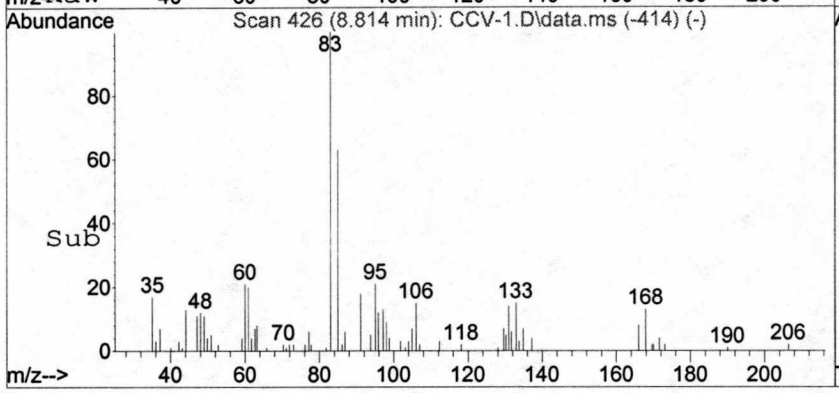


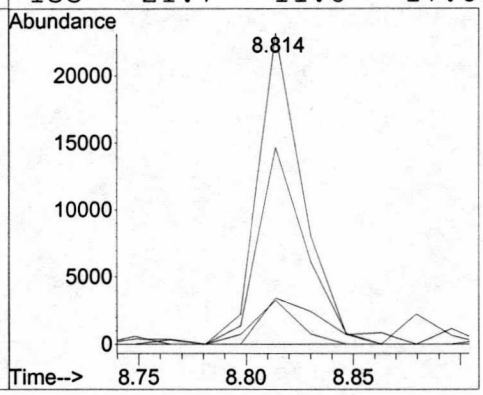


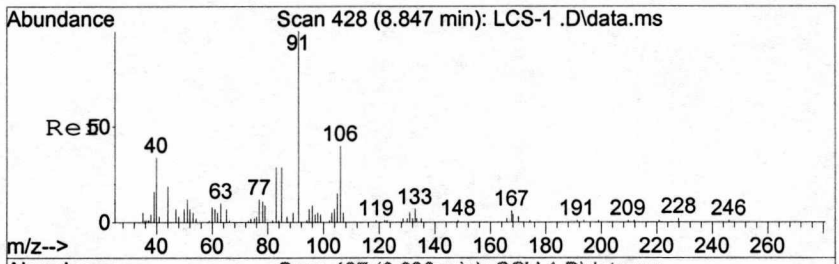
#70
1,1,2,2-Tetrachloroethane
Concen: 55.45 ppbv
RT: 8.814 min Scan# 426
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 83 Resp: 33690

Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.6	76.0
131	13.9	11.3	16.9
133	21.7	11.8	17.8#



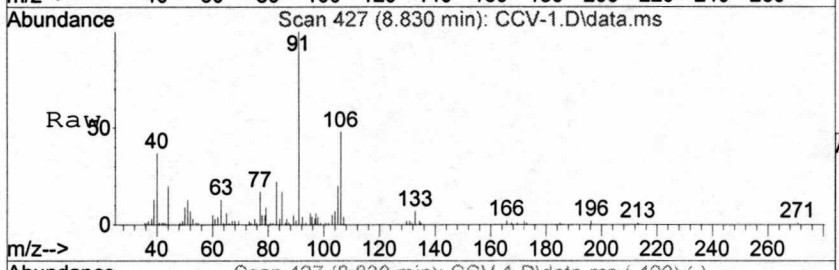


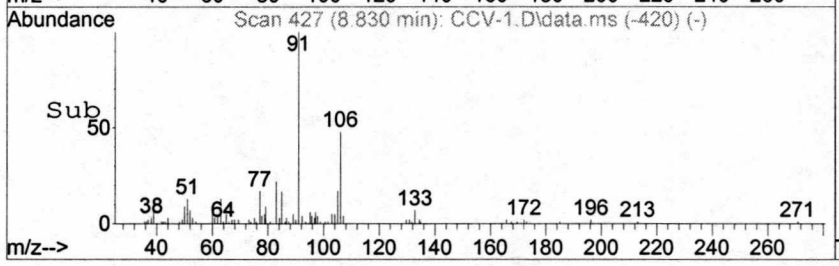


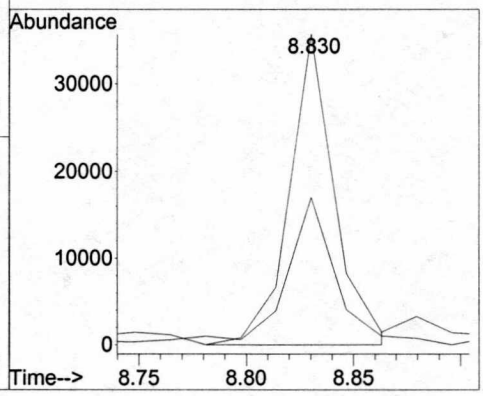
#71
o-xylene
Concen: 47.40 ppbv
RT: 8.830 min Scan# 427
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

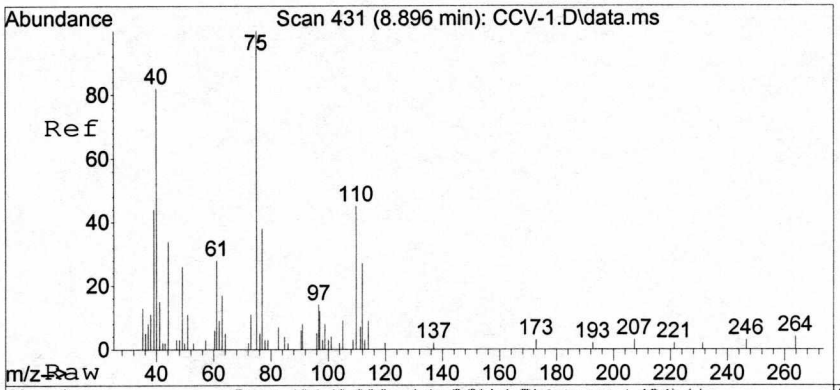
Tgt Ion: 91 Resp: 52153

Ion	Ratio	Lower	Upper
91	100		
106	45.5	27.1	40.7#





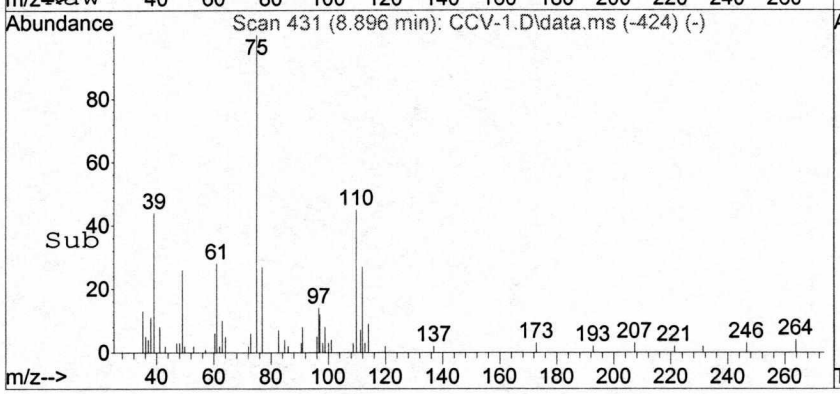


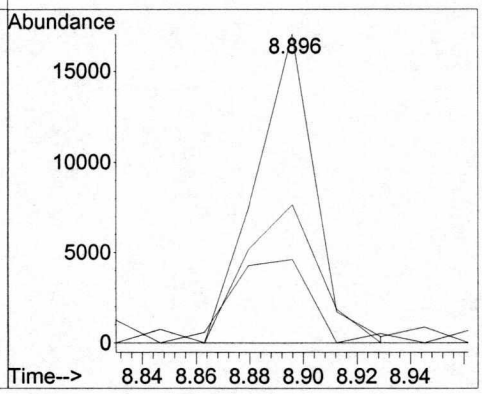


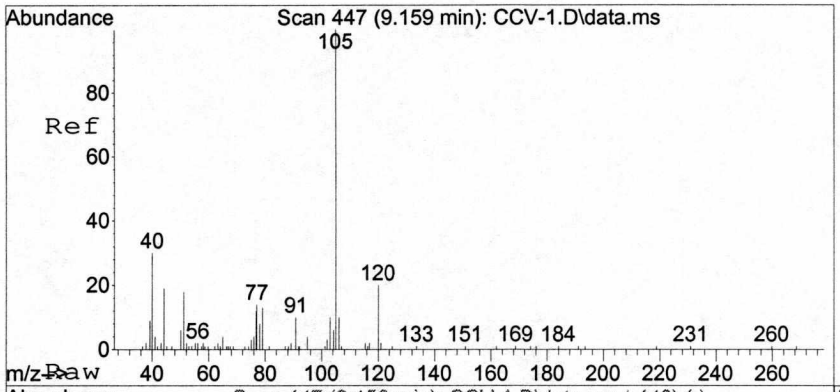
#72
1,2,3-Trichloropropane
Concen: 47.26 ppbv
RT: 8.896 min Scan# 431
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 75 Resp: 26132

Ion	Ratio	Lower	Upper
75	100		
110	55.3	22.6	34.0#
112	35.7	20.7	31.1#



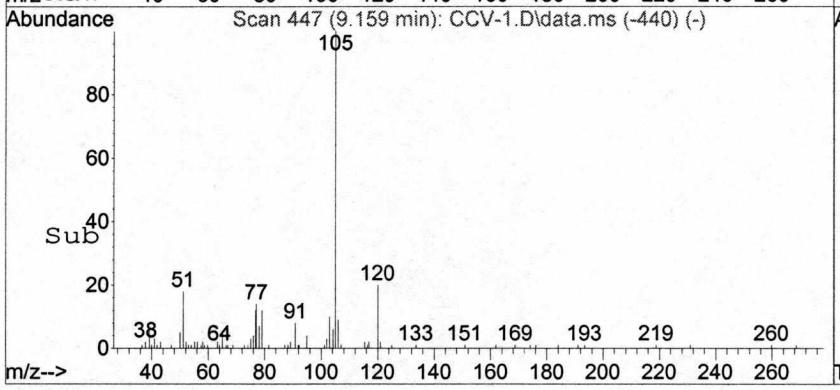


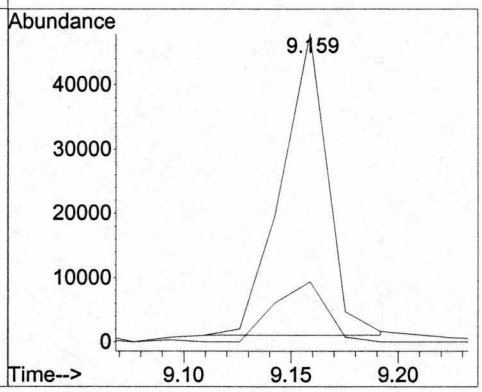


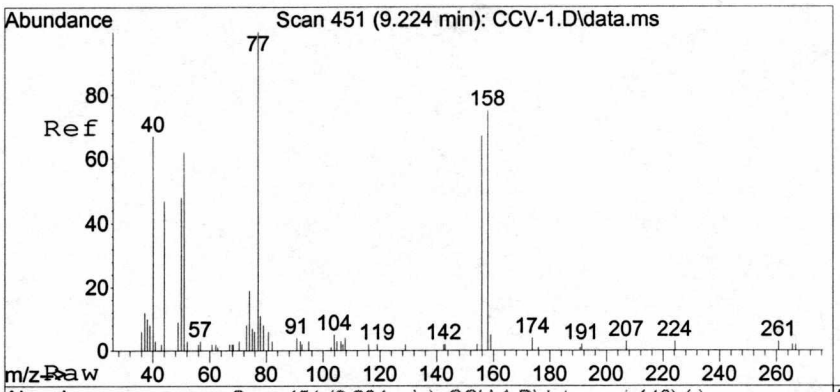
#73
Isopropylbenzene
Concen: 46.89 ppbv
RT: 9.159 min Scan# 447
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:105 Resp: 69750

Ion	Ratio	Lower	Upper
105	100		
120	22.9	25.3	37.9#



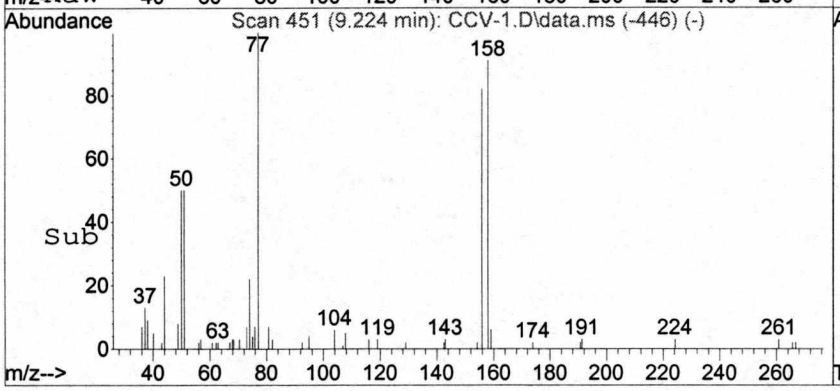


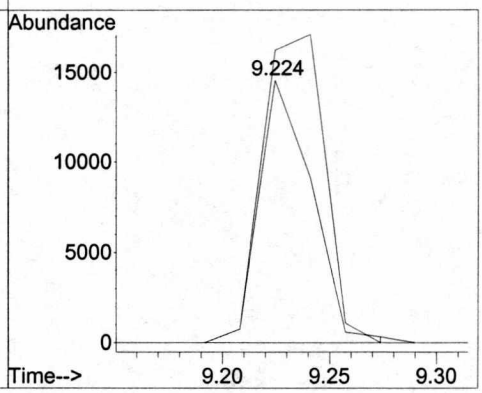


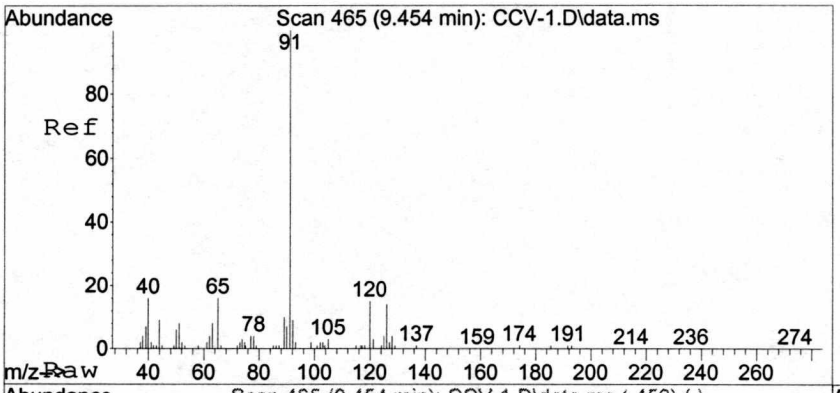
#75
Bromobenzene
Concen: 44.54 ppbv
RT: 9.224 min Scan# 451
Delta R.T. -0.016 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:156 Resp: 24980

Ion	Ratio	Lower	Upper
156	100		
158	139.0	60.8	91.2#



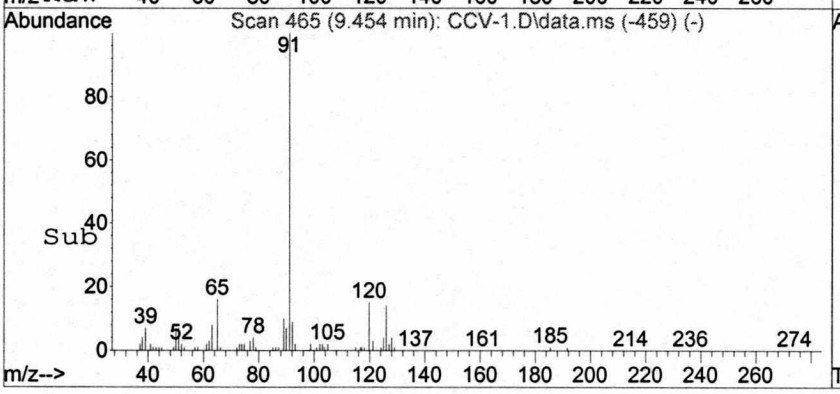


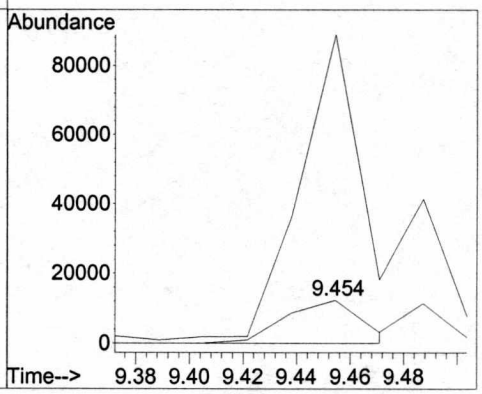


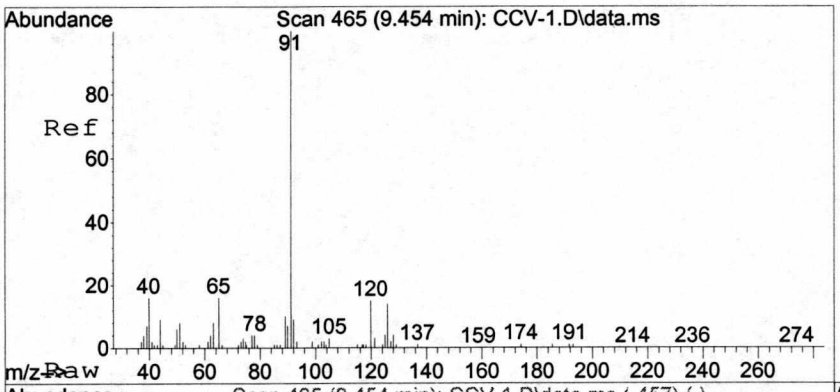
#76
2-Chlorotoluene
Concen: 61.99 ppbv
RT: 9.454 min Scan# 465
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:126 Resp: 24647

Ion	Ratio	Lower	Upper
126	100		
91	550.4	625.9	938.9#



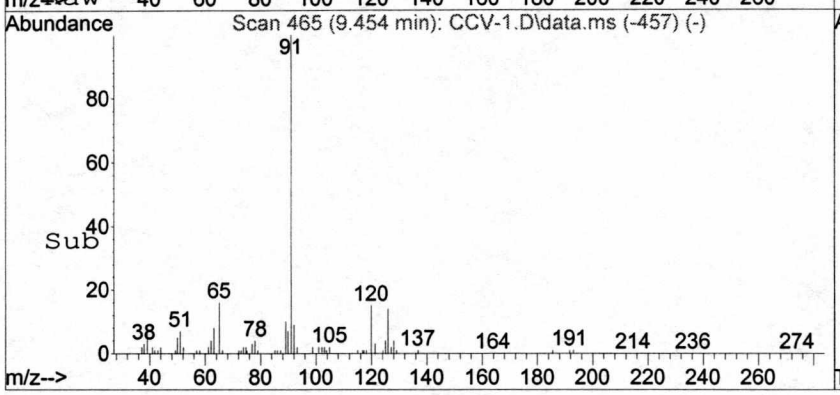


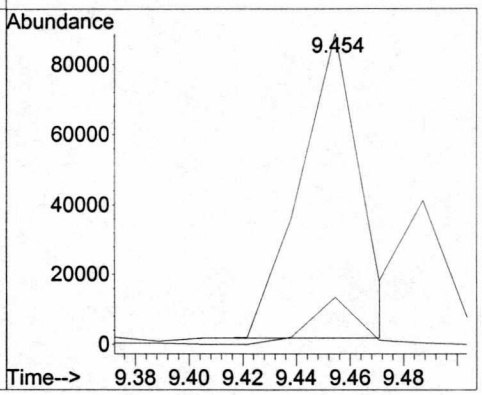


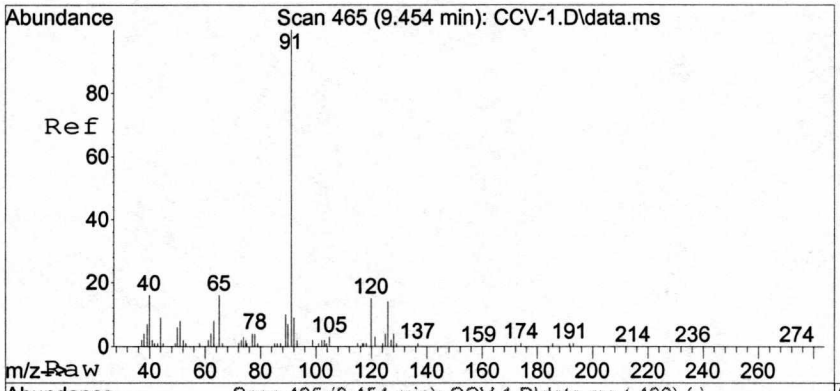
#77
n-Propylbenzene
Concen: 37.15 ppbv
RT: 9.454 min Scan# 465
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 91 Resp: 135666

Ion	Ratio	Lower	Upper
91	100		
120	12.4	12.0	18.0



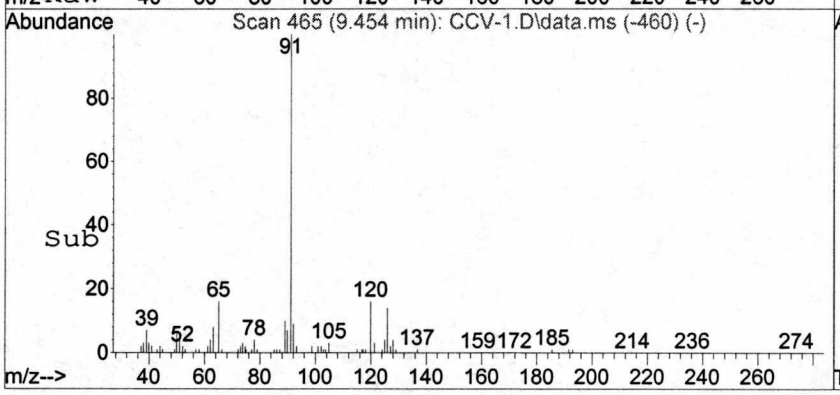


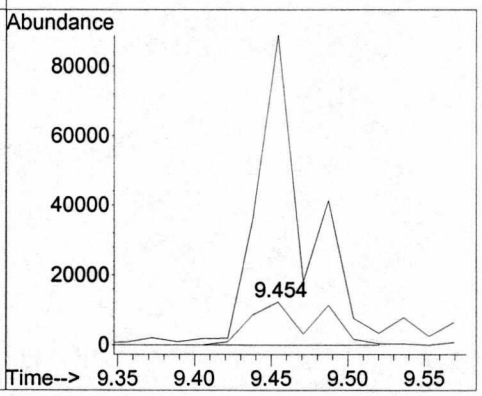


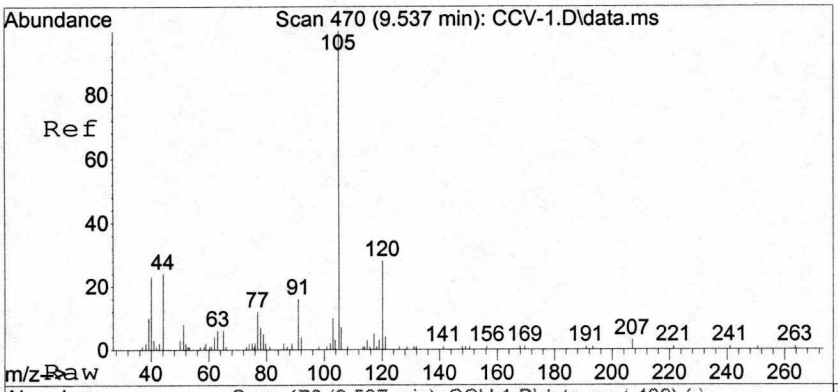
#78
4-Chlorotoluene
Concen: 123.93 ppbv
RT: 9.454 min Scan# 465
Delta R.T. -0.033 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:126 Resp: 37900

Ion	Ratio	Lower	Upper
126	100		
91	358.0	215.9	323.9#



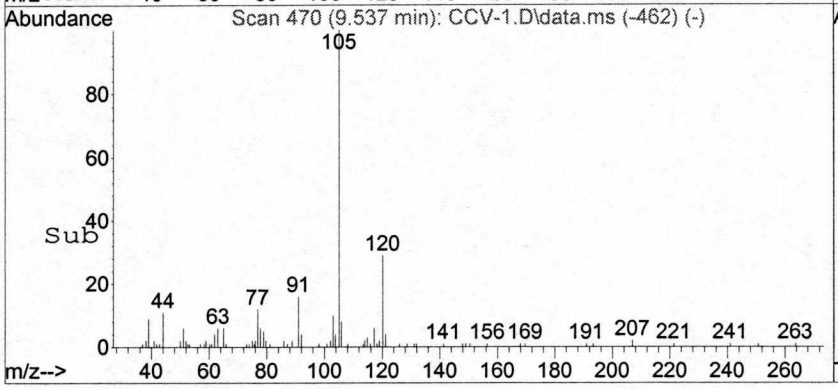


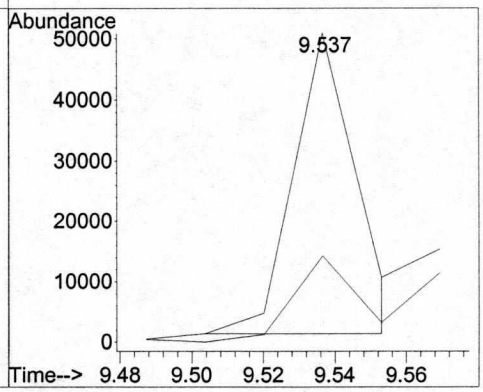


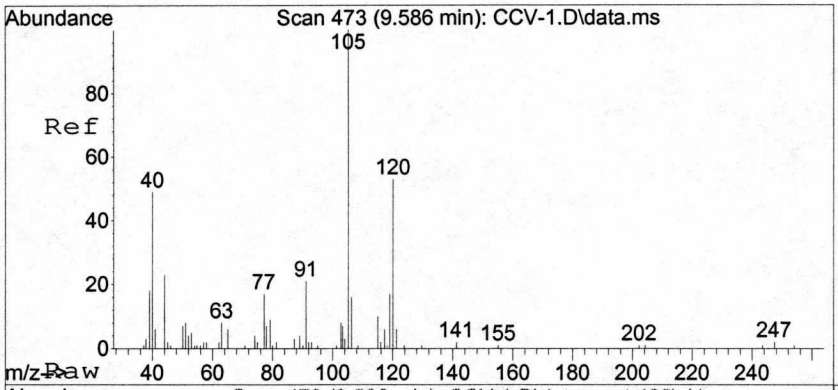
#79
4-Ethyltoluene
Concen: 42.82 ppbv
RT: 9.537 min Scan# 470
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:105 Resp: 61322

Ion	Ratio	Lower	Upper
105	100		
120	30.1	22.9	34.3



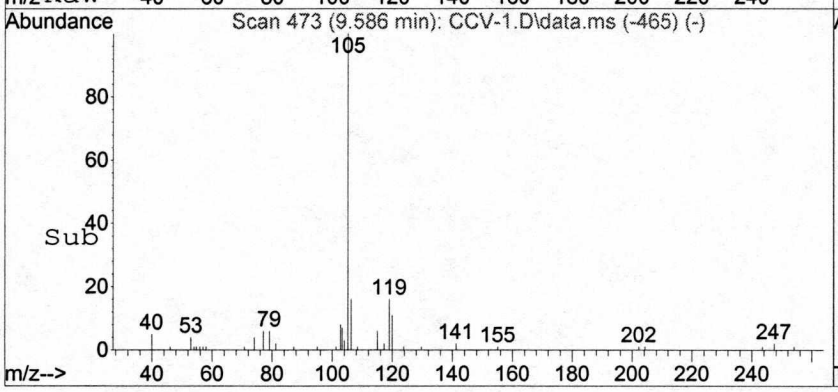


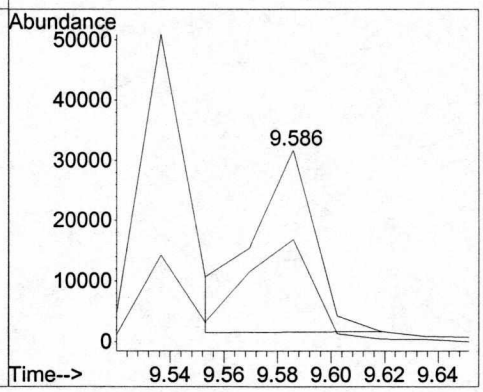


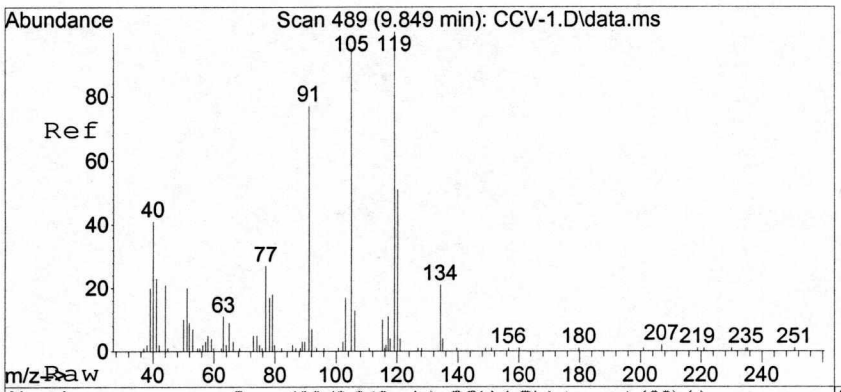
#80
1,3,5-Trimethylbenzene
Concen: 36.99 ppbv
RT: 9.586 min Scan# 473
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:105 Resp: 46006

Ion	Ratio	Lower	Upper
105	100		
120	61.8	40.8	61.2#



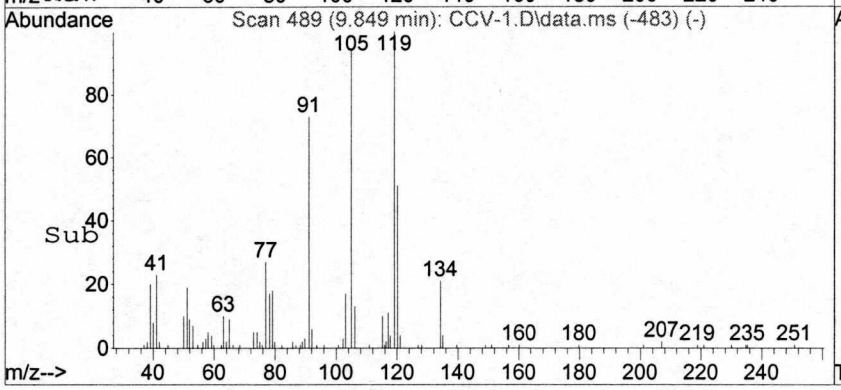


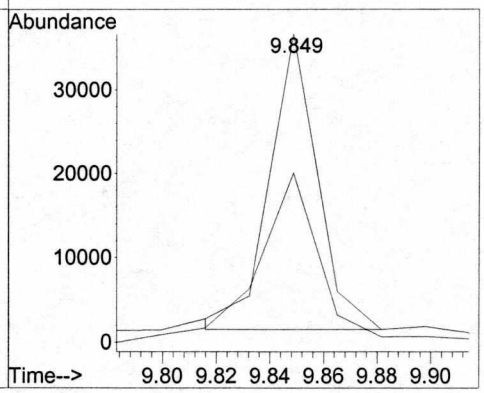


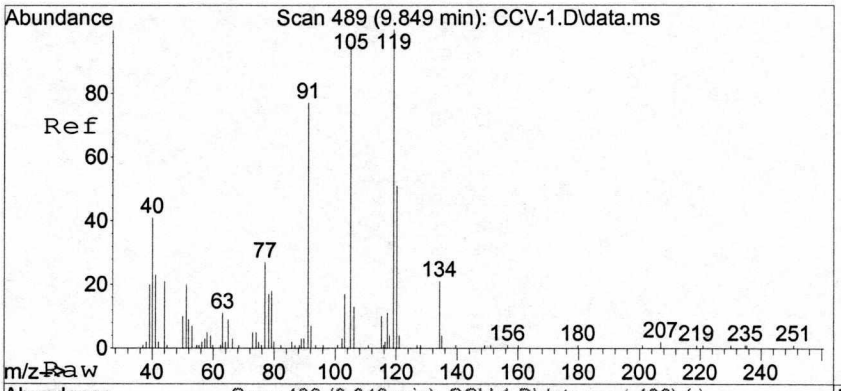
#81
1,2,4-Trimethylbenzene
Concen: 35.67 ppbv
RT: 9.849 min Scan# 489
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:105 Resp: 42997

Ion	Ratio	Lower	Upper
105	100		
120	75.1	37.0	55.4#



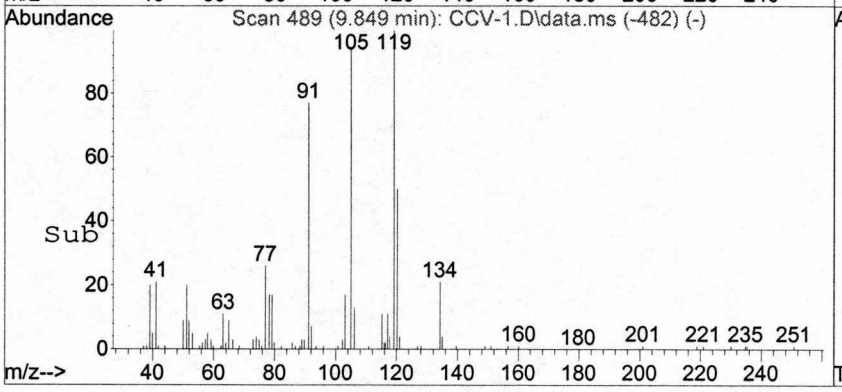


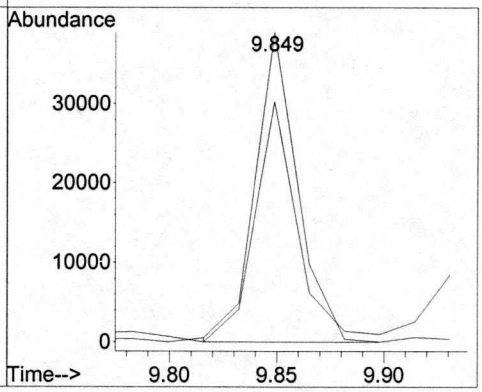


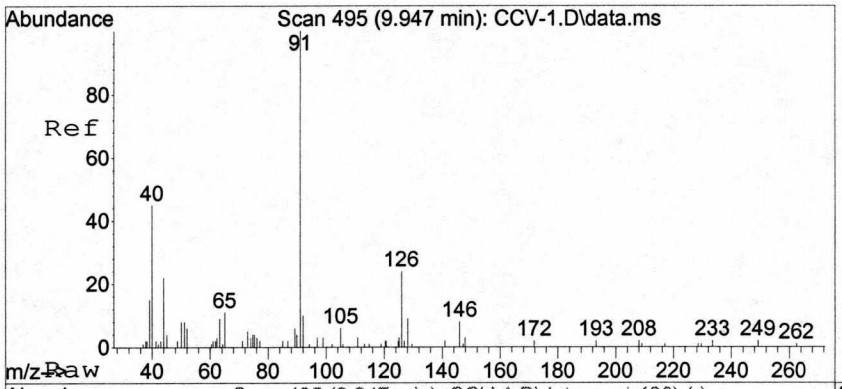
#82
tert-Butylbenzene
Concen: 38.96 ppbv
RT: 9.849 min Scan# 489
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:119 Resp: 53435

Ion	Ratio	Lower	Upper
119	100		
91	79.3	61.4	92.0



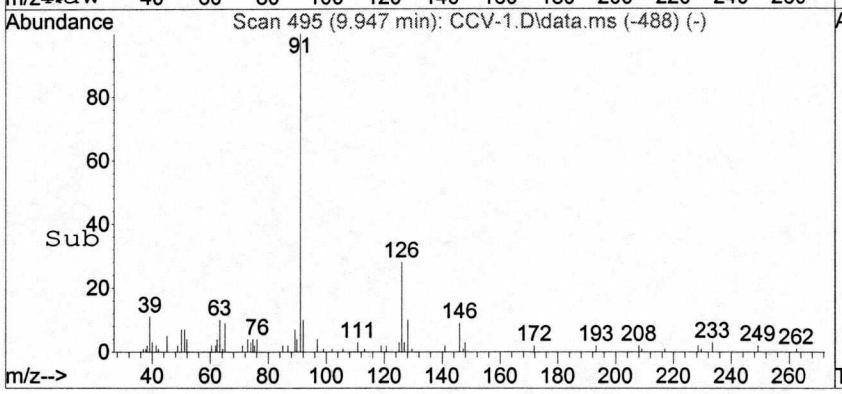


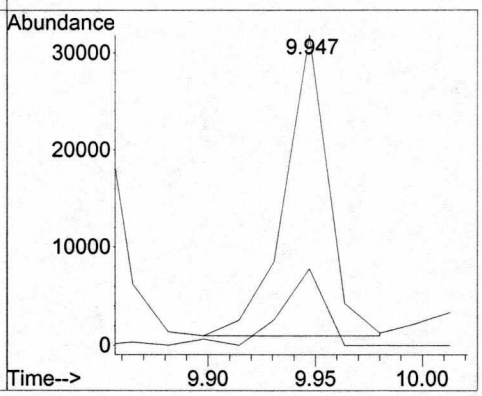


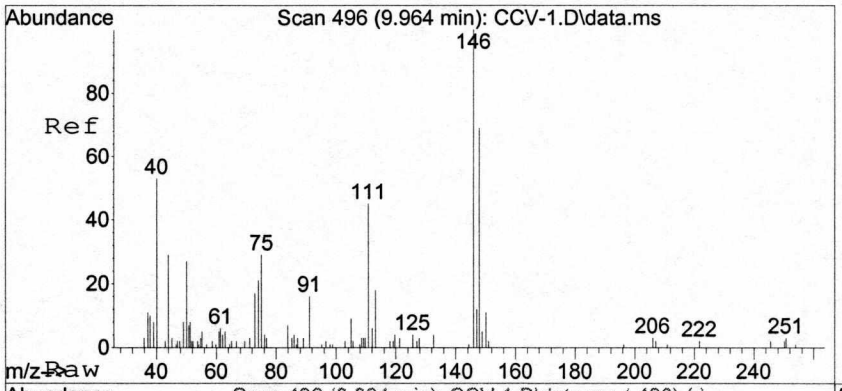
#83
Benzyl Chloride
Concen: 36.83 ppbv
RT: 9.947 min Scan# 495
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 91 Resp: 42869

Ion	Ratio	Lower	Upper
91	100		
126	23.9	16.3	24.5



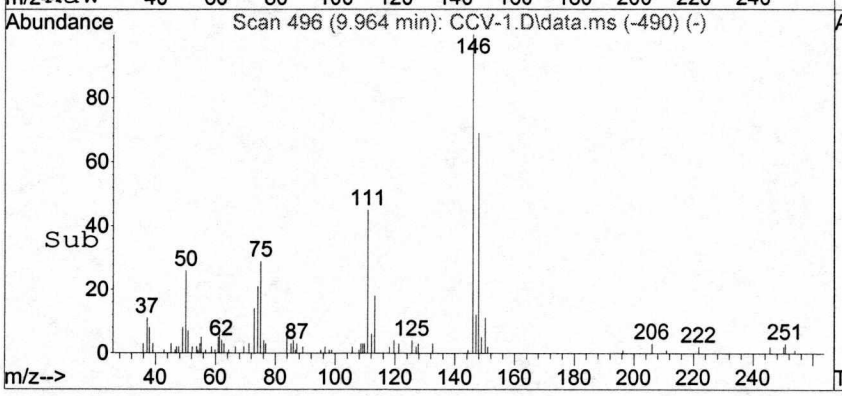


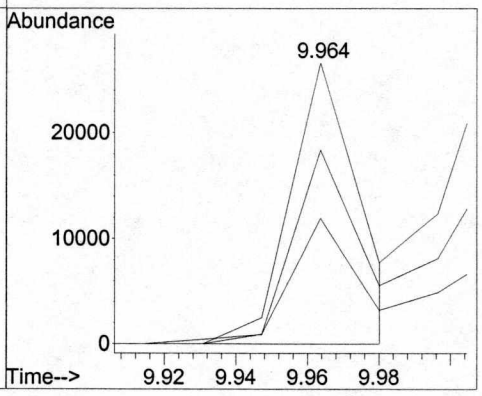


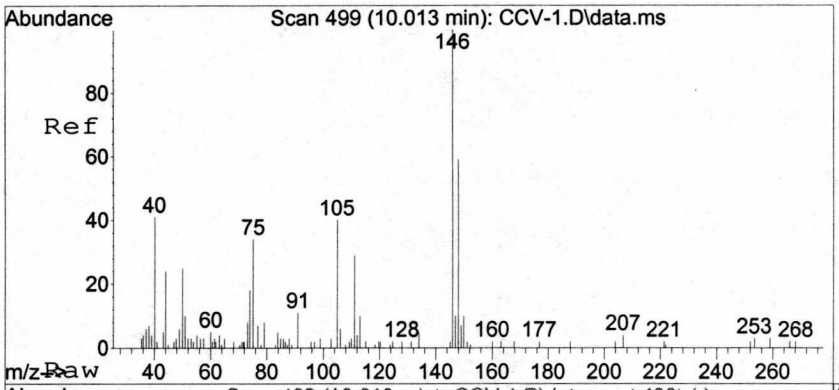
#84
1,3-Dichlorobenzene
Concen: 35.40 ppbv
RT: 9.964 min Scan# 496
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:146 Resp: 36365

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.0	75.0
111	43.5	31.4	47.0



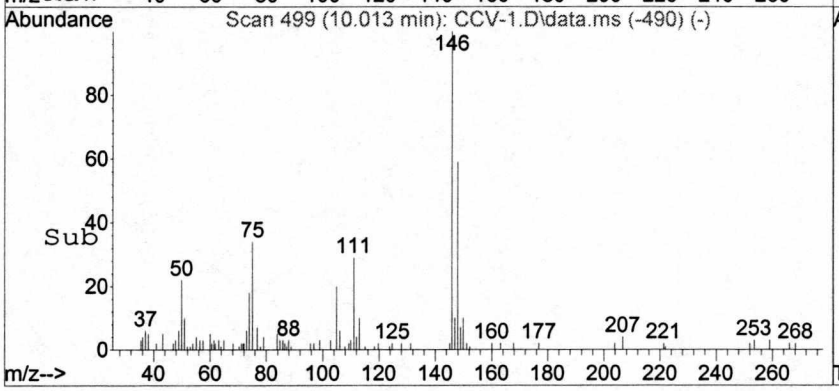


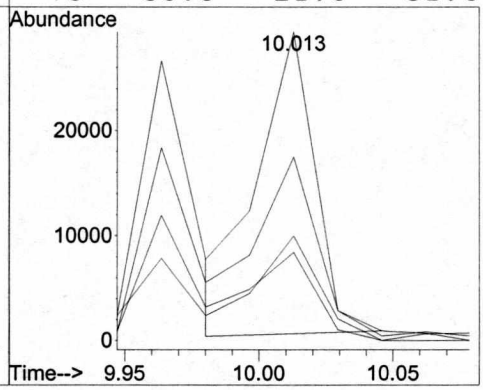


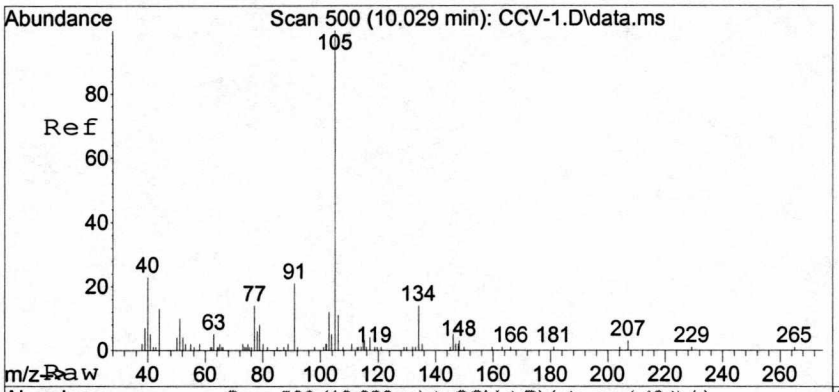
#85
1,4-Dichlorobenzene
Concen: 53.11 ppbv
RT: 10.013 min Scan# 499
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:146 Resp: 42345

Ion	Ratio	Lower	Upper
146	100		
148	63.4	59.2	88.8
111	33.4	39.8	59.6#
75	38.5	21.0	31.6#



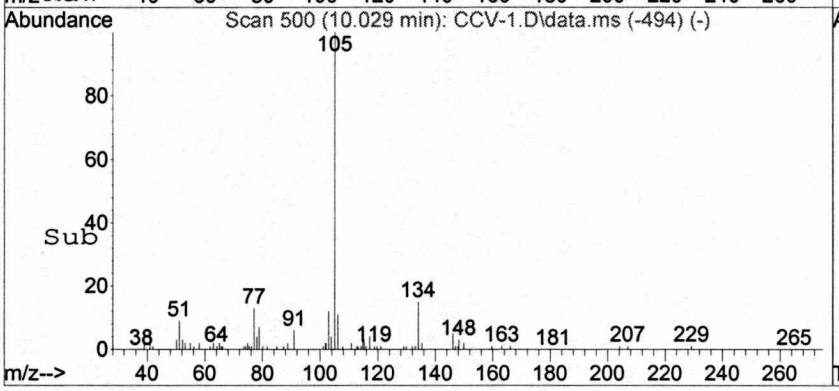


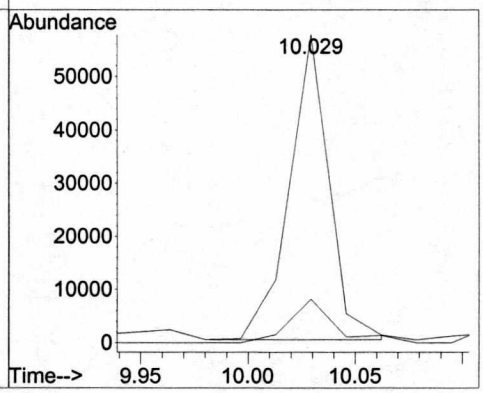


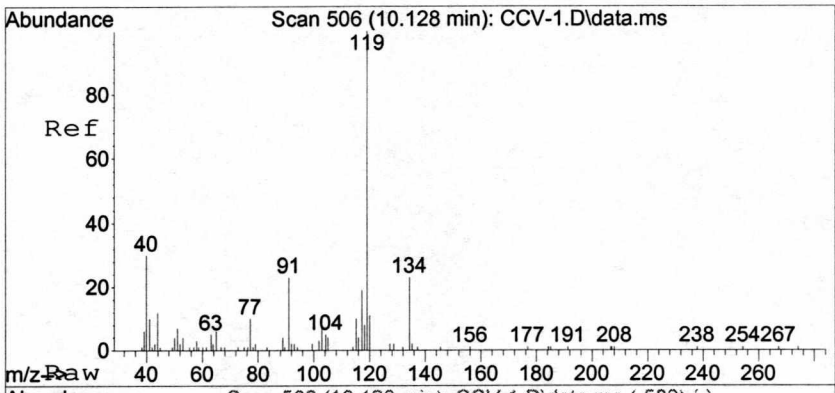
#86
sec-Butylbenzene
Concen: 43.80 ppbv
RT: 10.029 min Scan# 500
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:105 Resp: 73307

Ion	Ratio	Lower	Upper
105	100		
134	14.6	20.8	31.2#



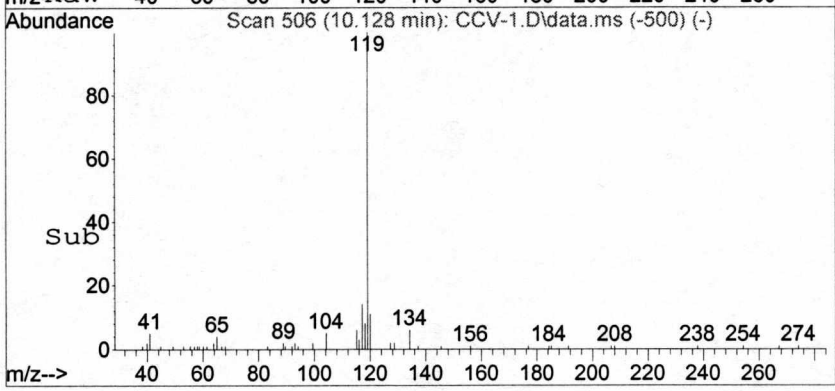


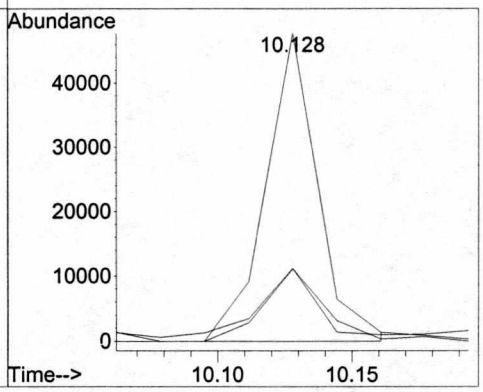


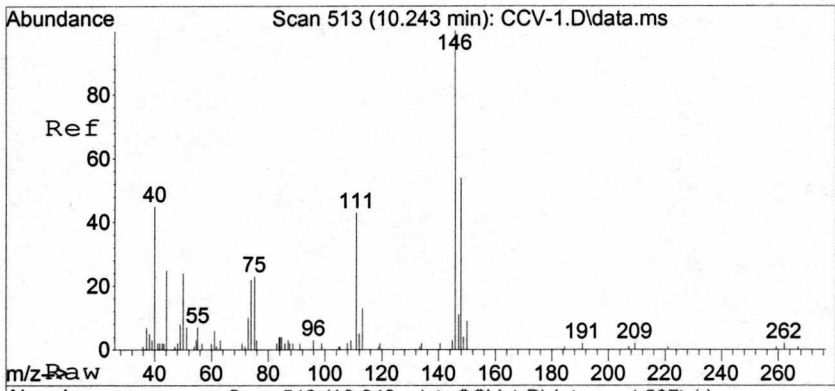
#87
p-Isopropyltoluene
Concen: 41.52 ppbv
RT: 10.128 min Scan# 506
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:119 Resp: 63813

Ion	Ratio	Lower	Upper
119	100		
91	23.6	22.4	33.6
134	26.8	23.0	34.4



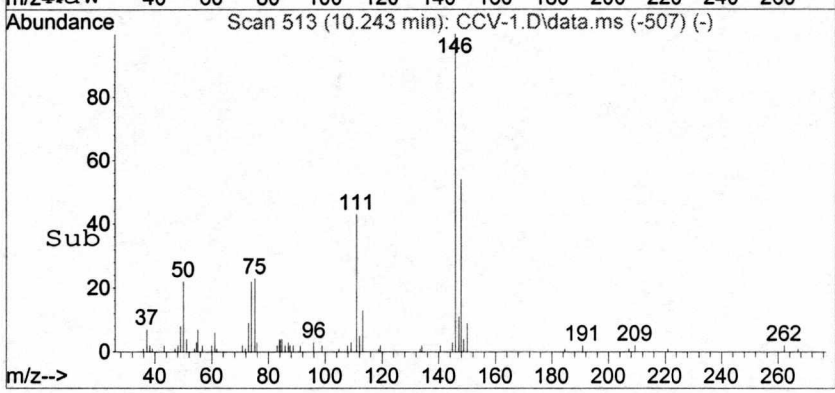


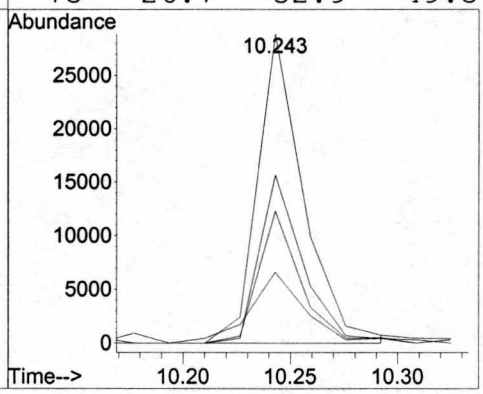


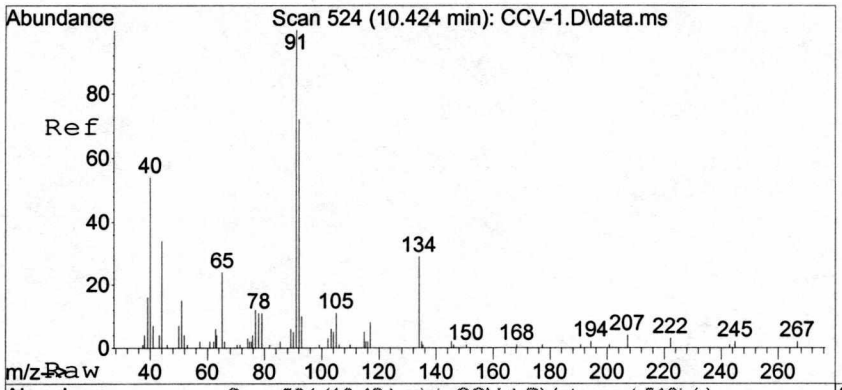
#88
1,2-Dichlorobenzene
Concen: 53.06 ppbv
RT: 10.243 min Scan# 513
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:146 Resp: 42859

Ion	Ratio	Lower	Upper
146	100		
148	51.8	54.3	81.5#
111	38.5	30.5	45.7
75	26.7	32.9	49.3#



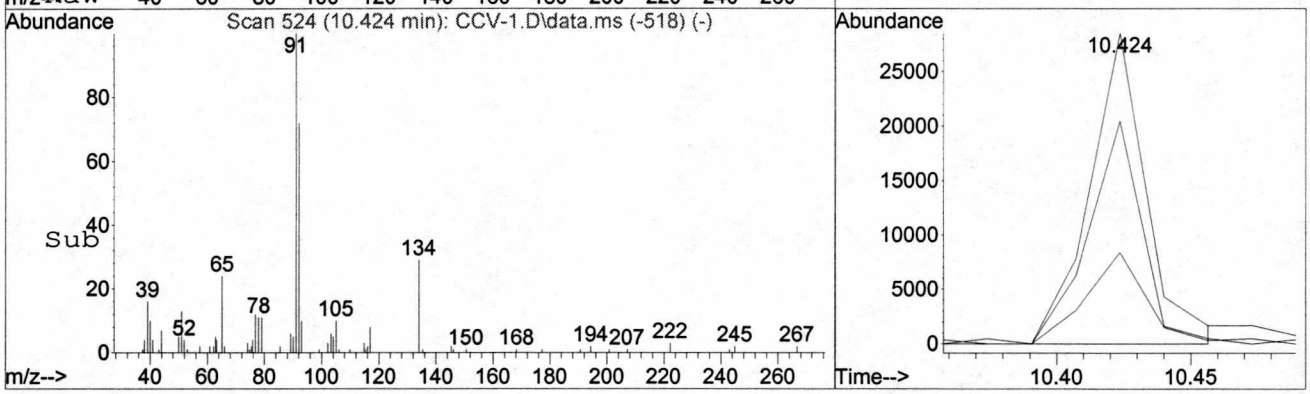


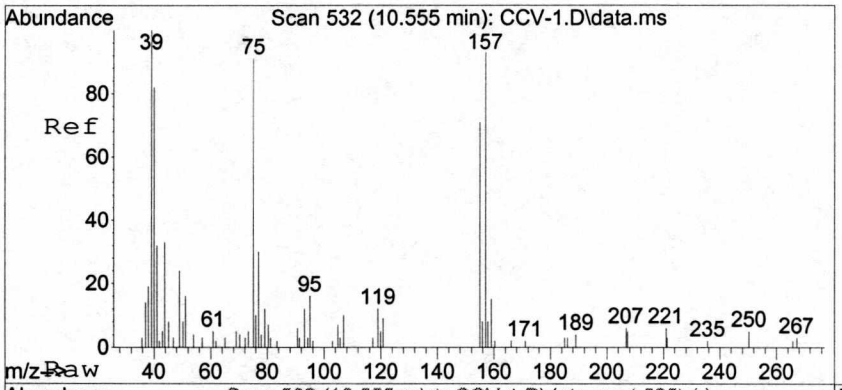


#89
n-Butylbenzene
Concen: 35.84 ppbv
RT: 10.424 min Scan# 524
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 91 Resp: 41657

Ion	Ratio	Lower	Upper
91	100		
92	68.2	44.9	67.3#
134	31.4	25.4	38.2

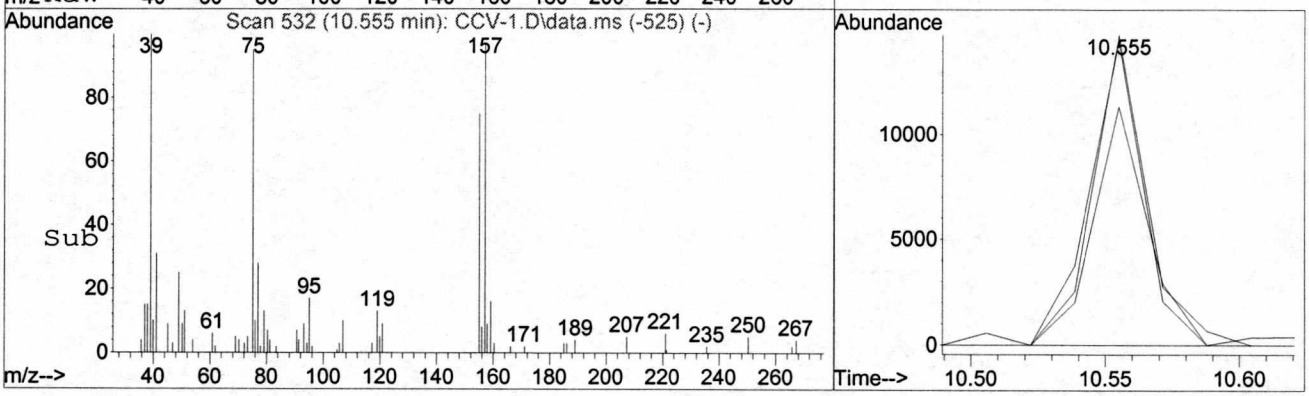


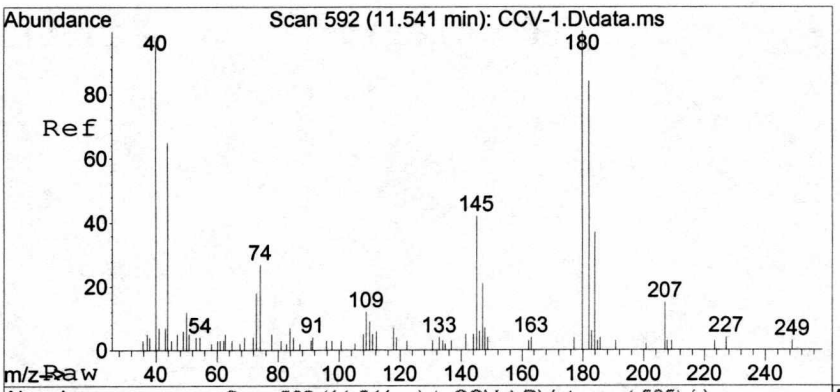


#90
1,2 Dibromo-3-chloropropane
Concen: 43.32 ppbv
RT: 10.555 min Scan# 532
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion: 75 Resp: 19974

Ion	Ratio	Lower	Upper
75	100		
155	80.1	50.9	76.3#
157	101.9	61.4	92.2#

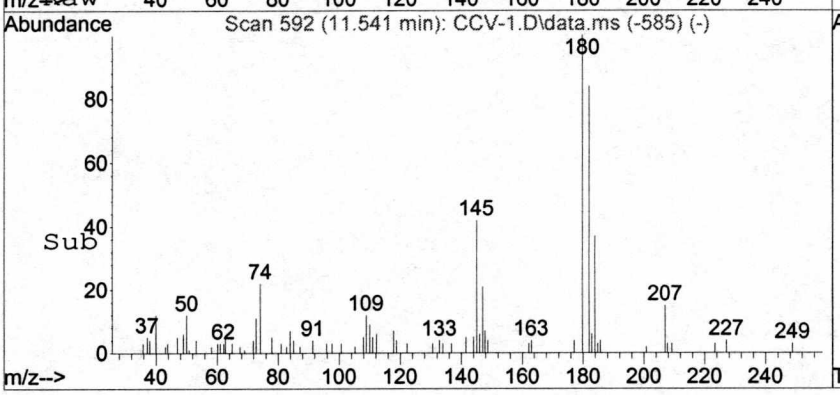


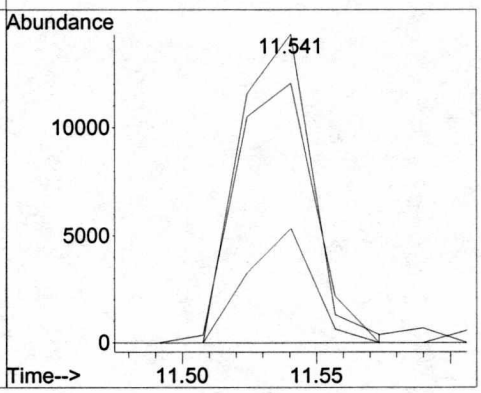


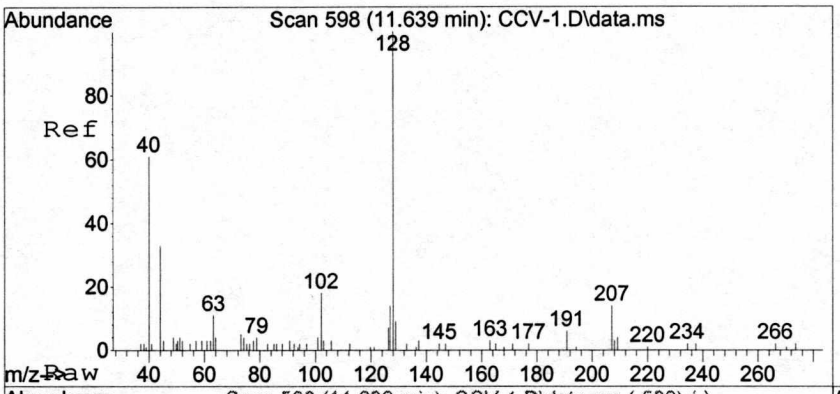
#91
1,2,4-Trichlorobenzene
Concen: 43.89 ppbv
RT: 11.541 min Scan# 592
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:180 Resp: 27168

Ion	Ratio	Lower	Upper
180	100		
182	91.0	75.1	112.7
184	33.5	25.9	38.9



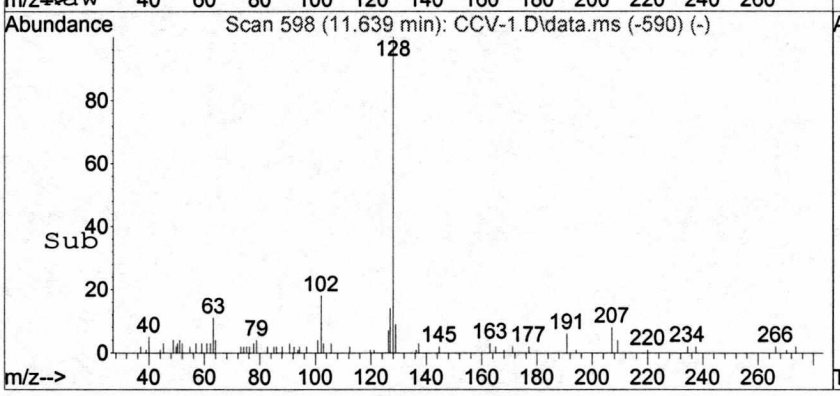


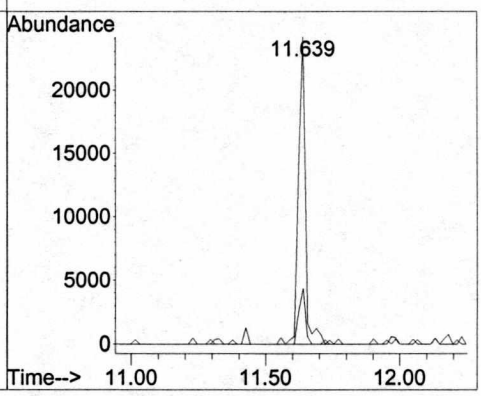


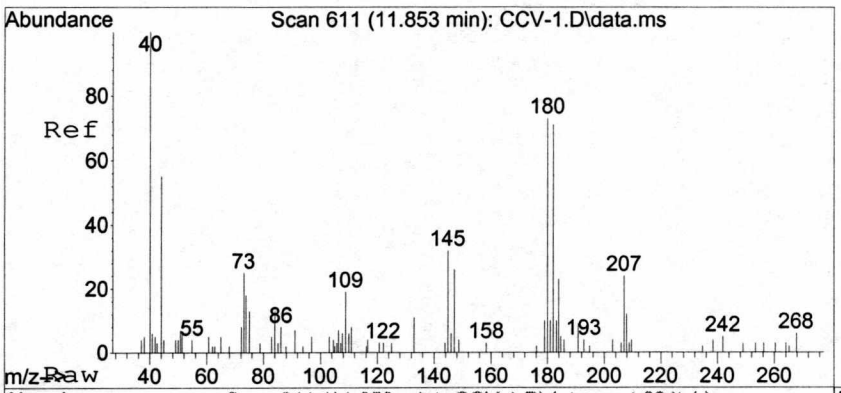
#92
Naphthalene
Concen: 35.43 ppbv m
RT: 11.639 min Scan# 598
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:128 Resp: 43832

Ion	Ratio	Lower	Upper
128	100		
102	16.8	5.6	8.4#



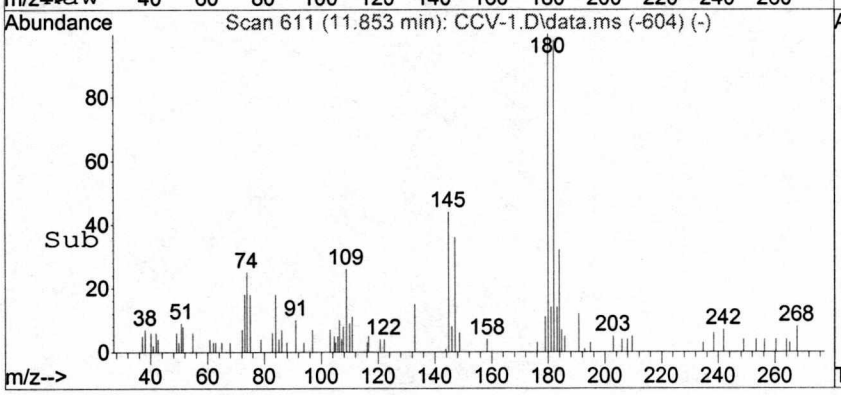


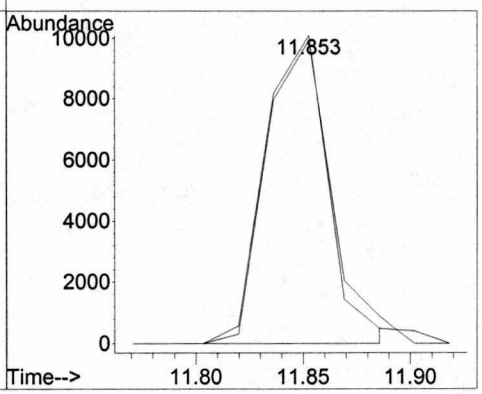


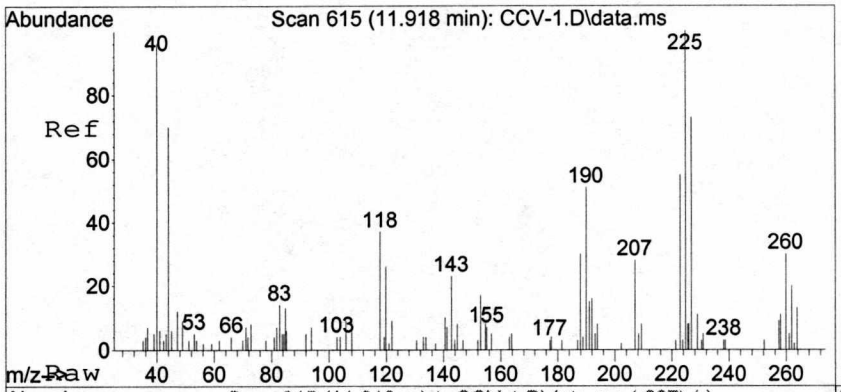
#93
1,2,3-Trichlorobenzene
Concen: 39.46 ppbv
RT: 11.853 min Scan# 611
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:180 Resp: 20475

Ion	Ratio	Lower	Upper
180	100		
182	101.8	75.9	113.9



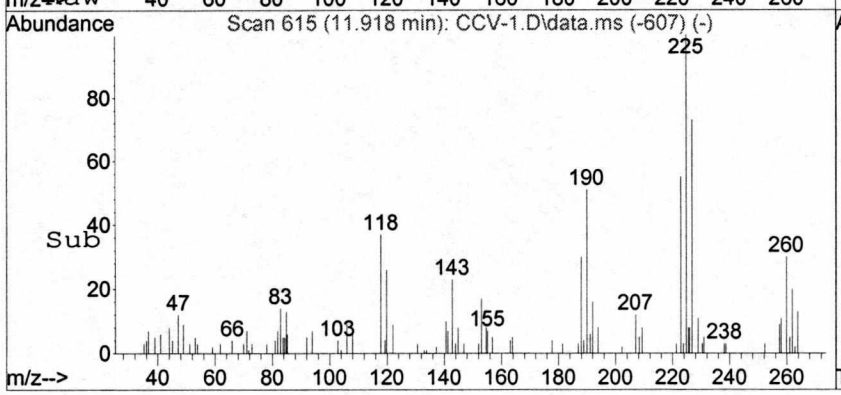


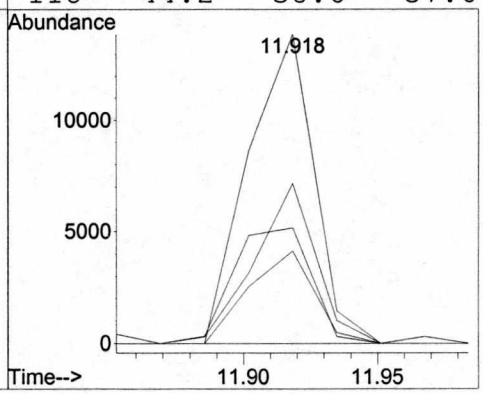


#94
Hexachlorobutadiene
Concen: 47.24 ppbv
RT: 11.918 min Scan# 615
Delta R.T. 0.000 min
Lab File: CCV-1.D
Acq: 29 Mar 2015 18:01

Tgt Ion:225 Resp: 23670

Ion	Ratio	Lower	Upper
225	100		
190	48.4	33.4	50.0
260	29.8	28.3	42.5
118	44.2	38.0	57.0





Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : blank-4.D
Acq On : 30 Mar 2015 7:50
Operator : mm
Sample : ec56003-blk1
Misc : 1,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 30 08:04:47 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Bromochloromethane	5.420	130	66823	209.00 ppbv	0.00
42) 1,4-Difluorobenzene	6.218	114	247441	209.00 ppbv	0.00
63) Chlorobenzene-d5	8.288	54	61286	209.00 ppbv	0.02
System Monitoring Compounds					
36) 1,2-Dichloroethane-d4	5.738	65	127669	220.30 ppbv	0.00
Spiked Amount 209.000			Recovery	= 105.41%	
56) Toluene-d8	7.352	98	219008	198.65 ppbv	0.00
Spiked Amount 209.000			Recovery	= 95.05%	
74) 1,4-Bromofluorobenzene	9.093	95	127571	183.76 ppbv	0.00
Spiked Amount 209.000			Recovery	= 87.92%	

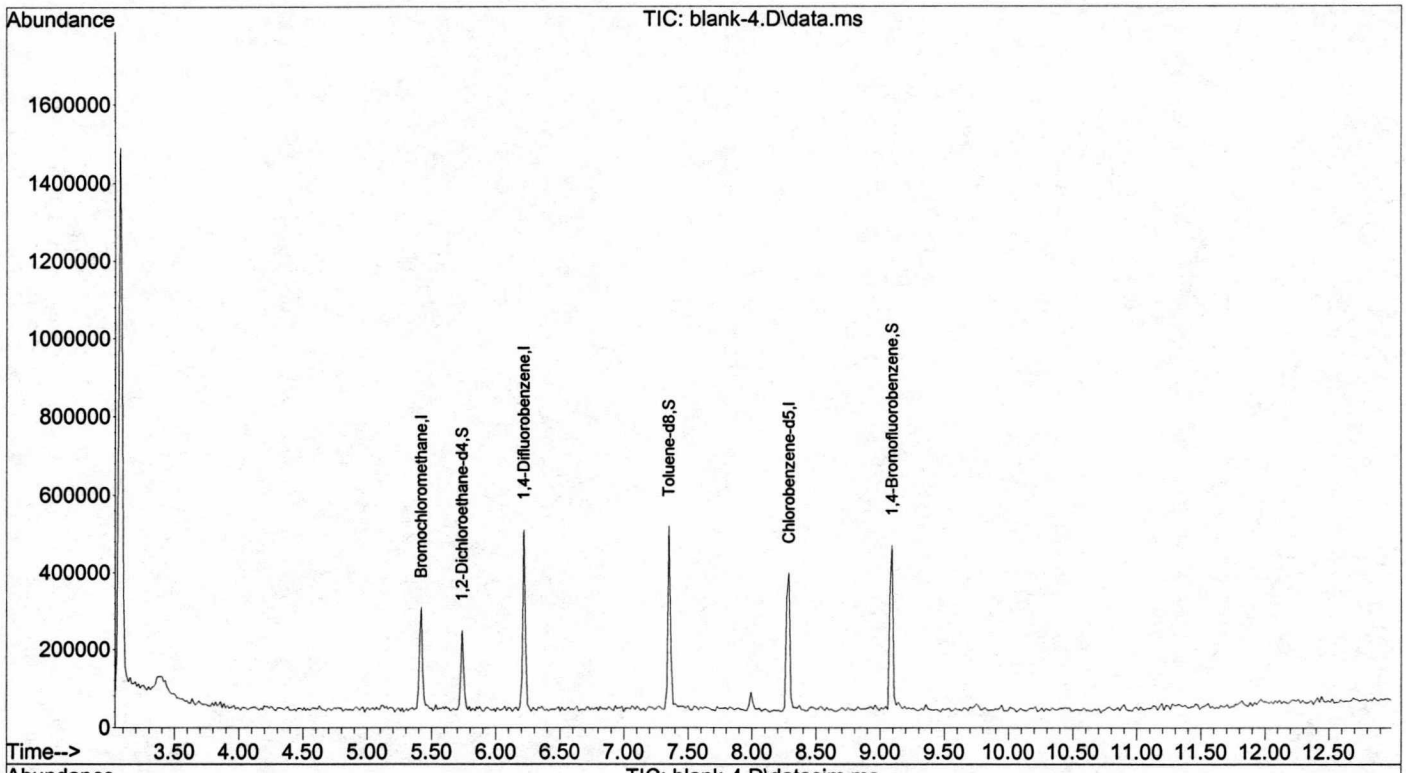
Target Compounds	Qvalue

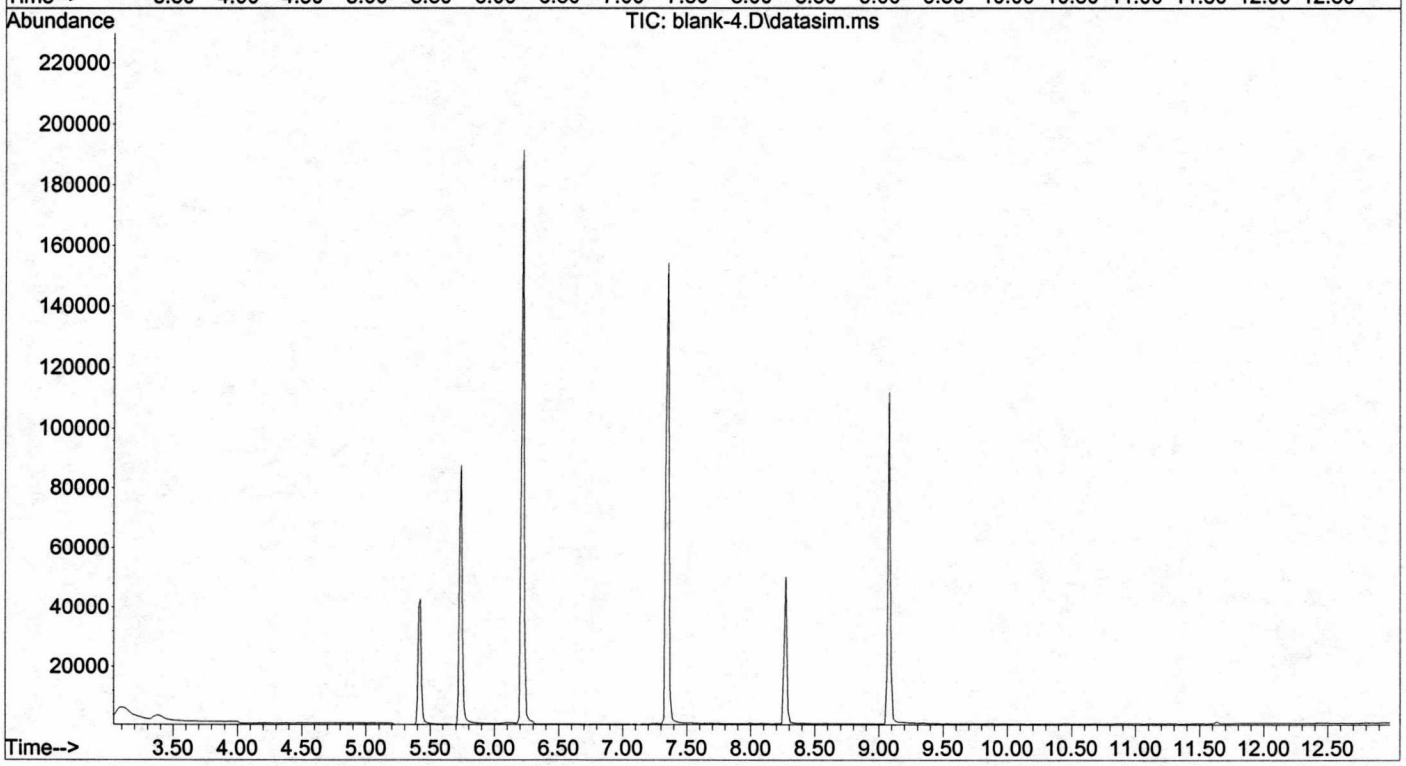
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : blank-4.D
Acq On : 30 Mar 2015 7:50
Operator : mm
Sample : ec56003-blk1
Misc : 1,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 30 08:04:47 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration





Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-5 .D
Acq On : 30 Mar 2015 9:07
Operator : mm
Sample : E503140-02
Misc : 1,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 30 09:21:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

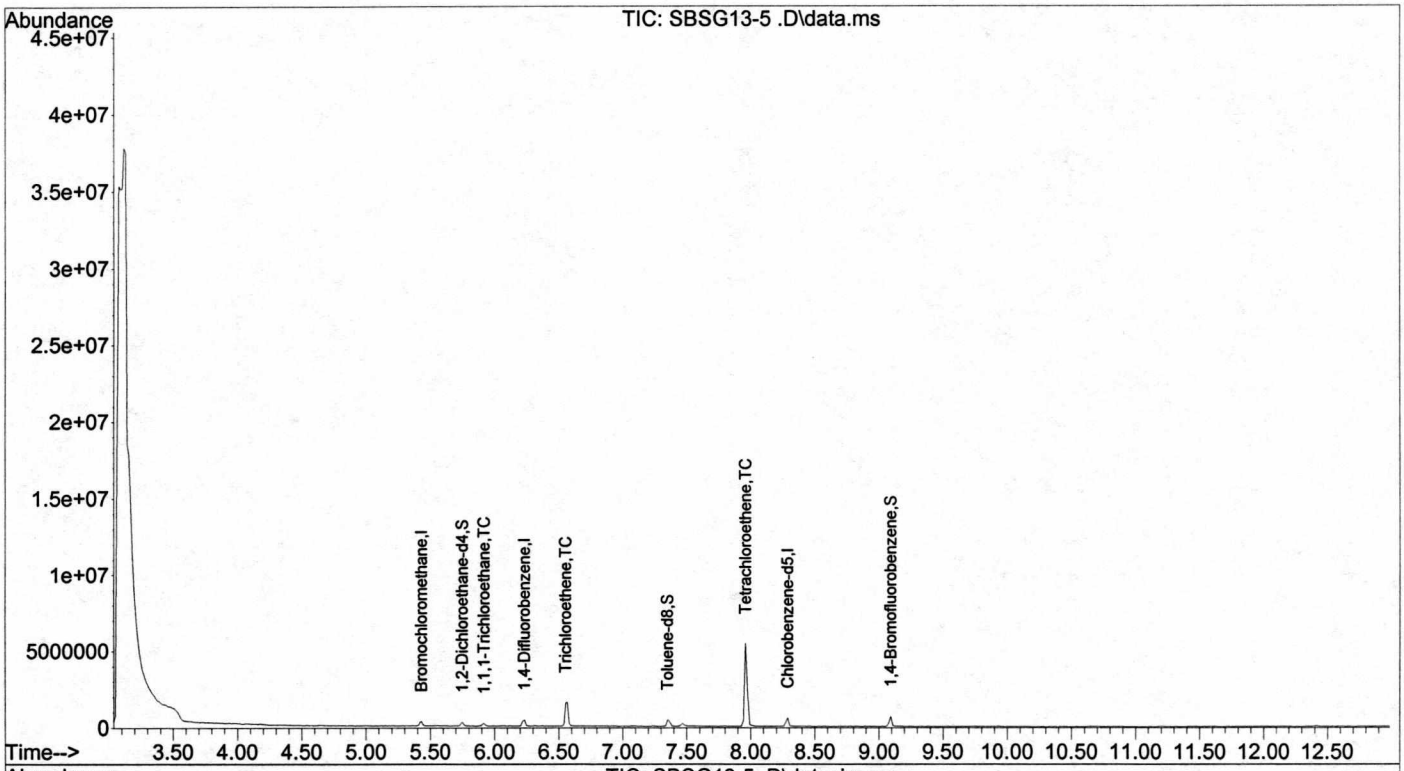
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Bromochloromethane	5.431	130	71551	209.00 ppbv	0.01
42) 1,4-Difluorobenzene	6.233	114	256784	209.00 ppbv	0.01
63) Chlorobenzene-d5	8.288	54	72188	209.00 ppbv	0.02
System Monitoring Compounds					
36) 1,2-Dichloroethane-d4	5.750	65	130088	209.64 ppbv	0.01
Spiked Amount 209.000			Recovery	= 100.31%	
56) Toluene-d8	7.352	98	225329	196.95 ppbv	0.00
Spiked Amount 209.000			Recovery	= 94.23%	
74) 1,4-Bromofluorobenzene	9.093	95	155570	190.25 ppbv	0.00
Spiked Amount 209.000			Recovery	= 91.03%	
Target Compounds					Qvalue
38) 1,1,1-Trichloroethane	5.920	97	79456	80.81 ppbv #	92
48) Trichloroethene	6.555	95	419963	909.36 ppbv #	86
62) Tetrachloroethene	7.960	166	1286106	1944.86 ppbv	87

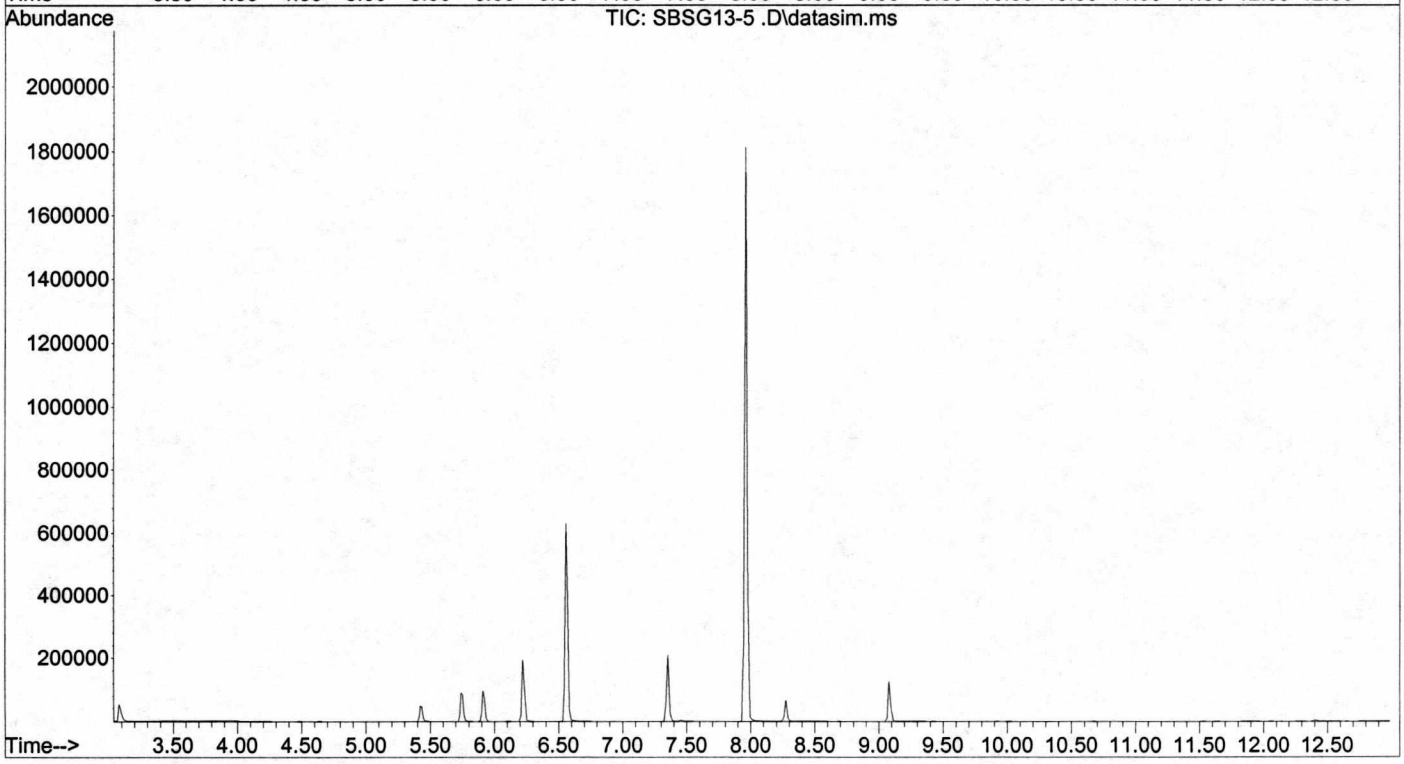
(#) = qualifier out of range (m) = manual integration (+) = signals summed

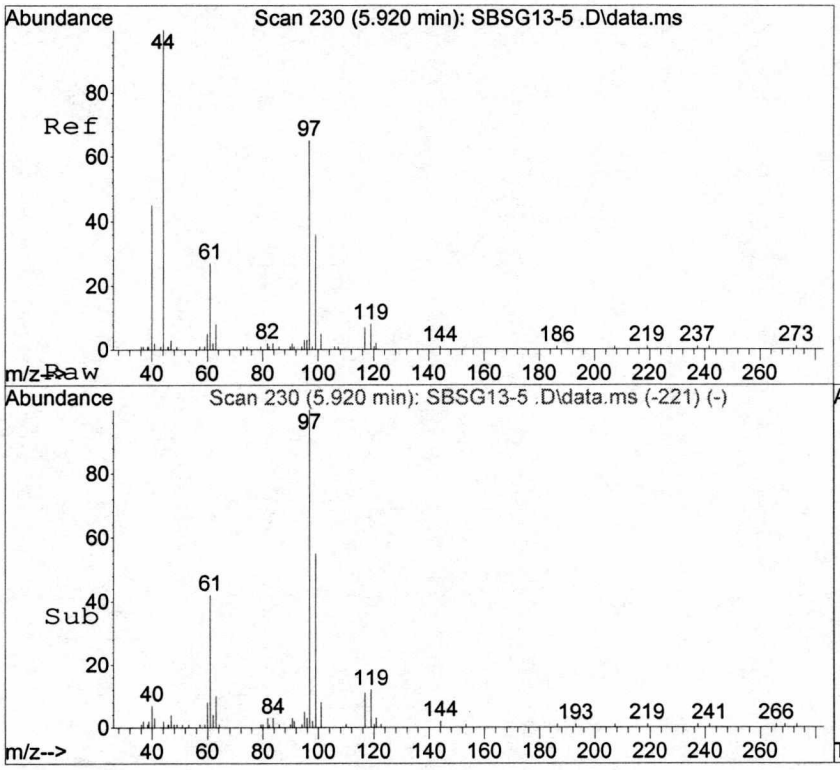
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-5 .D
Acq On : 30 Mar 2015 9:07
Operator : mm
Sample : E503140-02
Misc : 1,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 30 09:21:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration



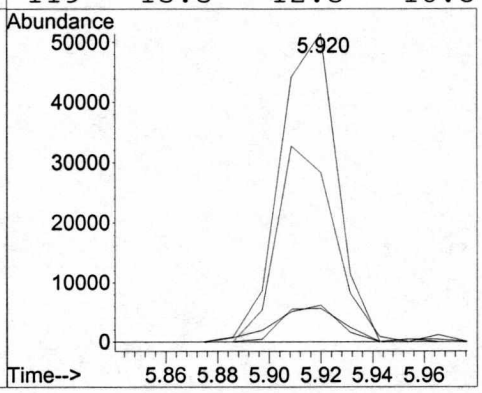


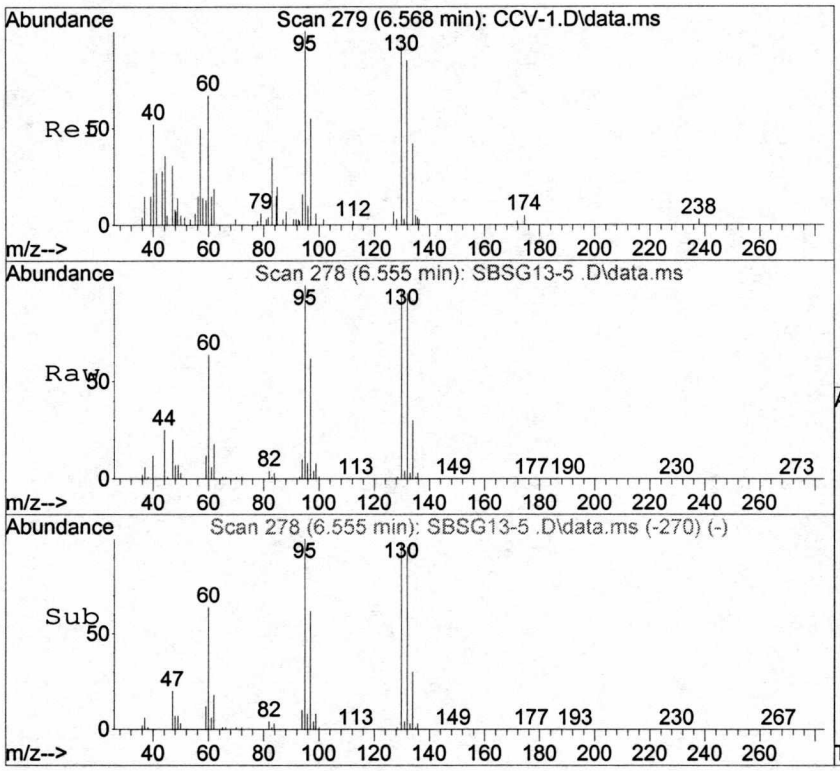


#38
1,1,1-Trichloroethane
Concen: 80.81 ppbv
RT: 5.920 min Scan# 230
Delta R.T. 0.000 min
Lab File: SBSG13-5 .D
Acq: 30 Mar 2015 9:07

Tgt Ion: 97 Resp: 79456

Ion	Ratio	Lower	Upper
97	100		
99	64.9	57.8	86.8
117	12.1	6.7	10.1#
119	13.3	12.3	18.5

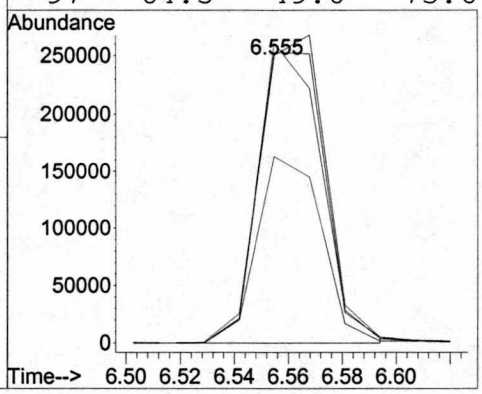


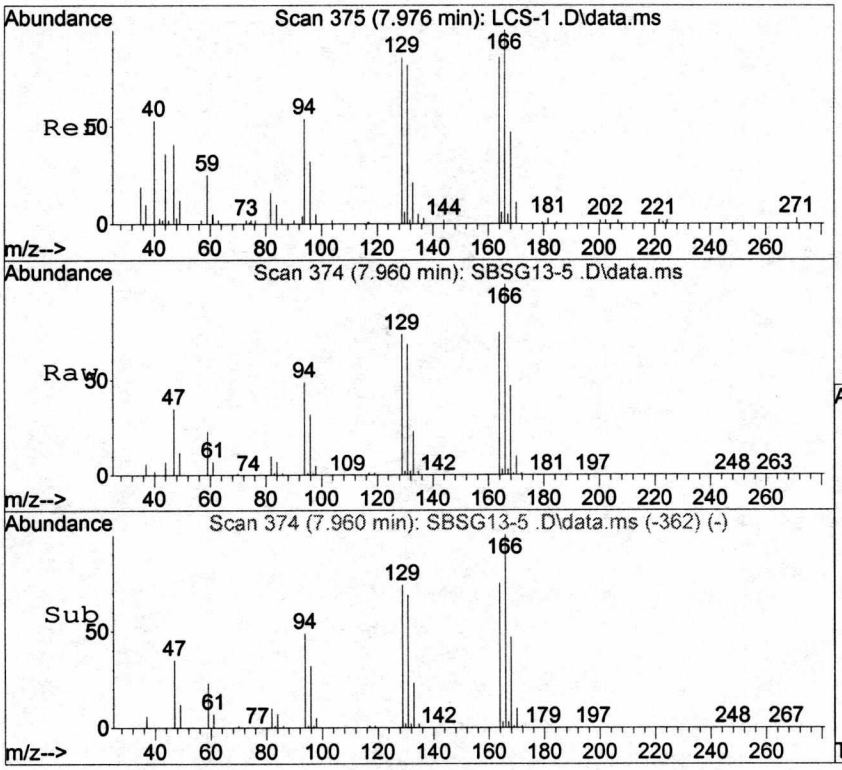


#48
Trichloroethene
Concen: 909.36 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.003 min
Lab File: SBSG13-5 .D
Acq: 30 Mar 2015 9:07

Tgt Ion: 95 Resp: 419963

Ion	Ratio	Lower	Upper
95	100		
130	104.2	84.2	126.2
132	107.6	59.5	89.3#
97	64.5	49.0	73.6

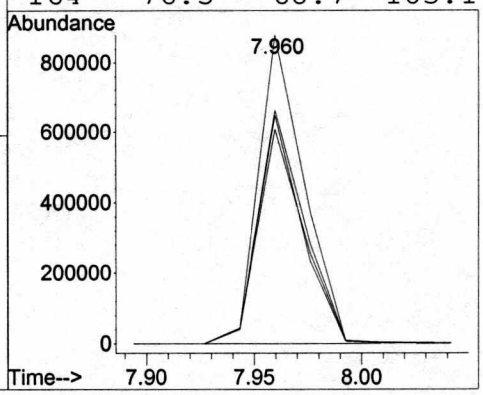




#62
Tetrachloroethene
Concen: 1944.86 ppbv
RT: 7.960 min Scan# 374
Delta R.T. 0.003 min
Lab File: SBSG13-5 .D
Acq: 30 Mar 2015 9:07

Tgt Ion:166 Resp: 1286106

Ion	Ratio	Lower	Upper
166	100		
131	70.3	65.7	98.5
129	71.7	68.8	103.2
164	76.5	68.7	103.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-15 .D
Acq On : 30 Mar 2015 9:32
Operator : mm
Sample : E503140-03
Misc : 1,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 10:32:00 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

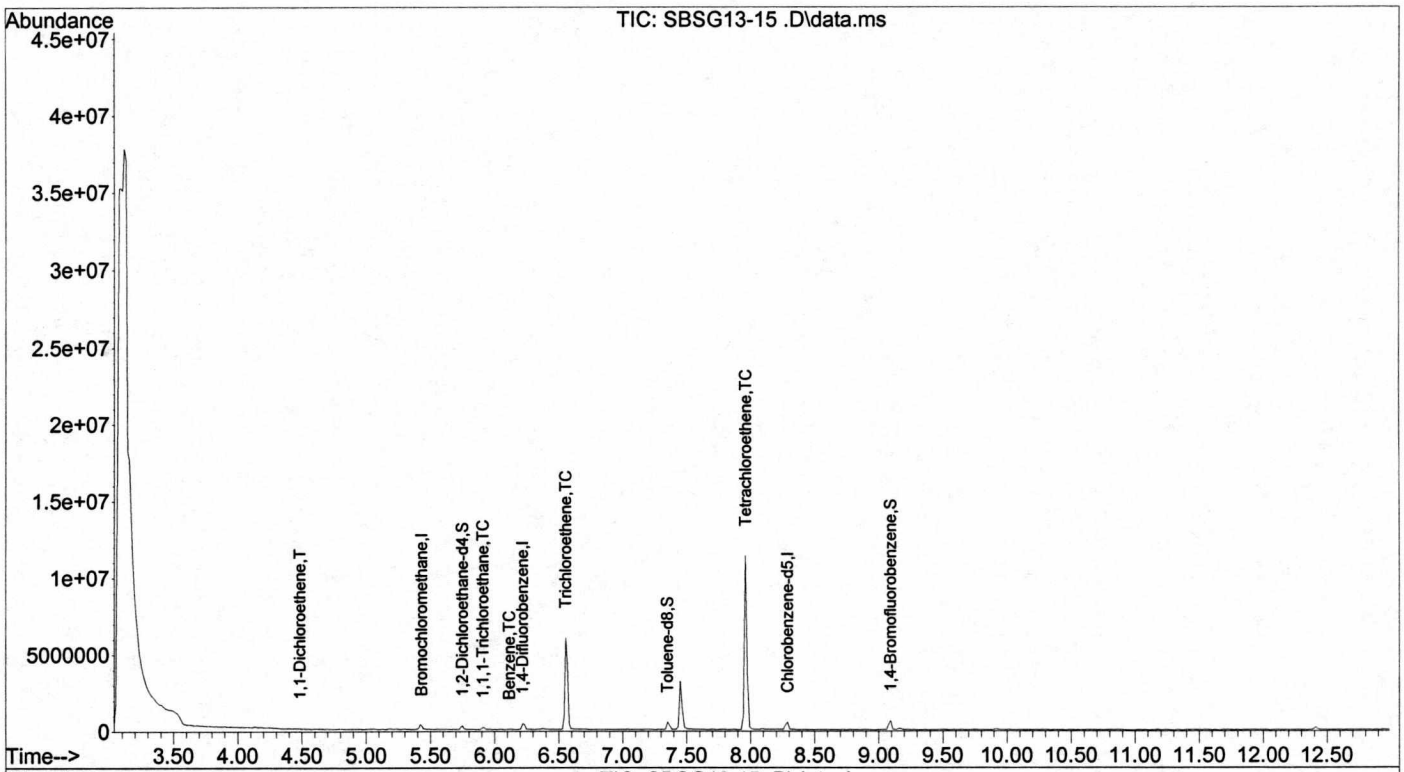
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.431	130	74814	209.00	ppbv	0.01
42) 1,4-Difluorobenzene	6.218	114	256137	209.00	ppbv	0.00
63) Chlorobenzene-d5	8.288	54	80569	209.00	ppbv	0.02
System Monitoring Compounds						
36) 1,2-Dichloroethane-d4	5.749	65	142639	219.84	ppbv	0.01
Spiked Amount 209.000			Recovery	=	105.19%	
56) Toluene-d8	7.352	98	244786	214.49	ppbv	0.00
Spiked Amount 209.000			Recovery	=	102.63%	
74) 1,4-Bromofluorobenzene	9.093	95	167877	183.94	ppbv	0.00
Spiked Amount 209.000			Recovery	=	88.01%	
Target Compounds						Qvalue
18) 1,1-Dichloroethene	4.485	61	6275	10.08	ppbv #	88
38) 1,1,1-Trichloroethane	5.909	97	60424	58.77	ppbv #	89
40) Benzene	6.115	78	7109	8.26	ppbv #	21
48) Trichloroethene	6.555	95	1439491	3124.84	ppbv #	85
62) Tetrachloroethene	7.960	166	2610014	3956.86	ppbv	86

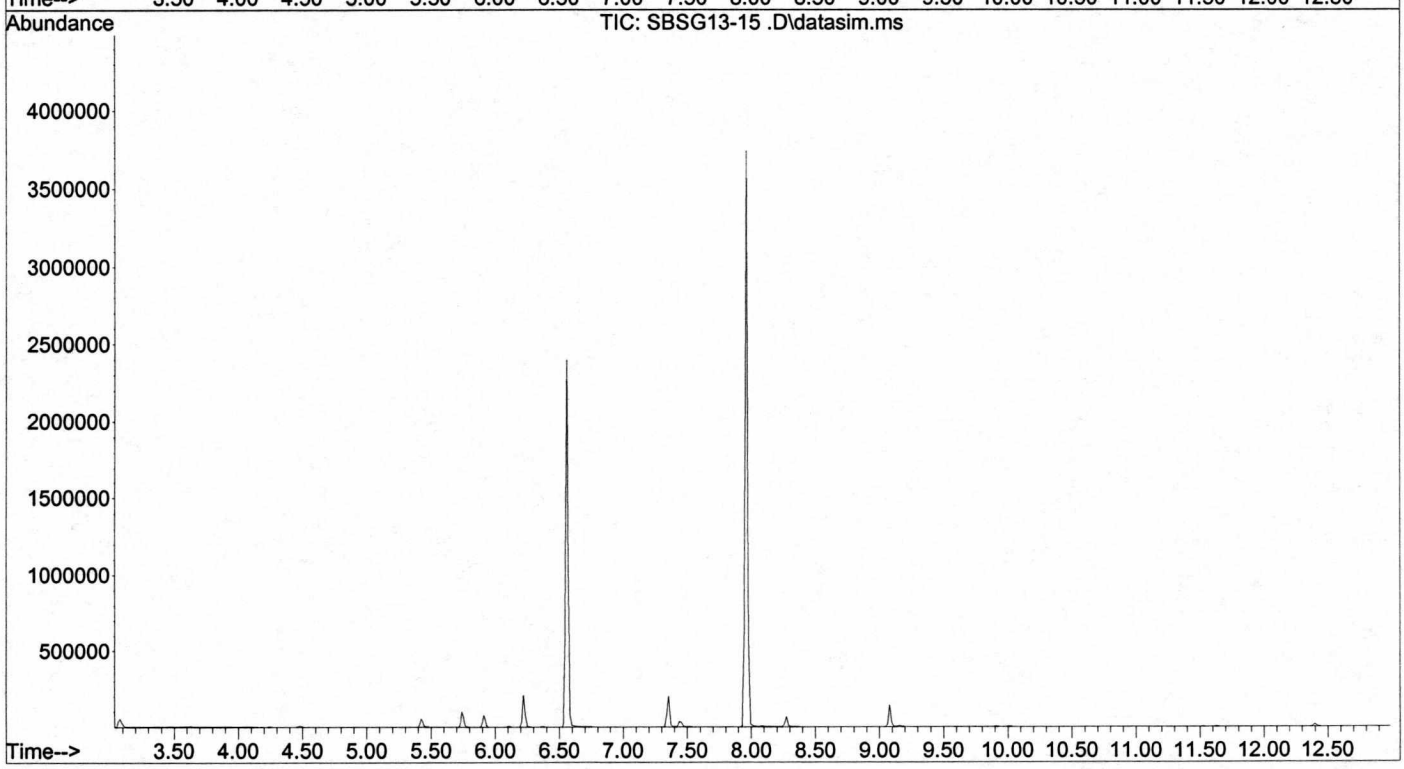
(#) = qualifier out of range (m) = manual integration (+) = signals summed

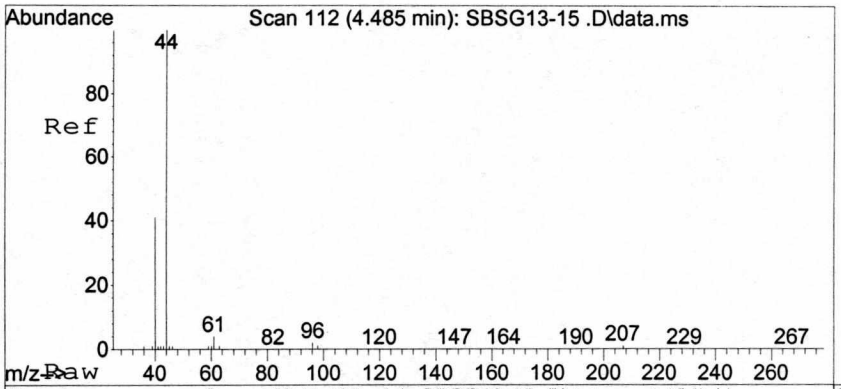
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-15 .D
Acq On : 30 Mar 2015 9:32
Operator : mm
Sample : E503140-03
Misc : 1,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 10:32:00 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration



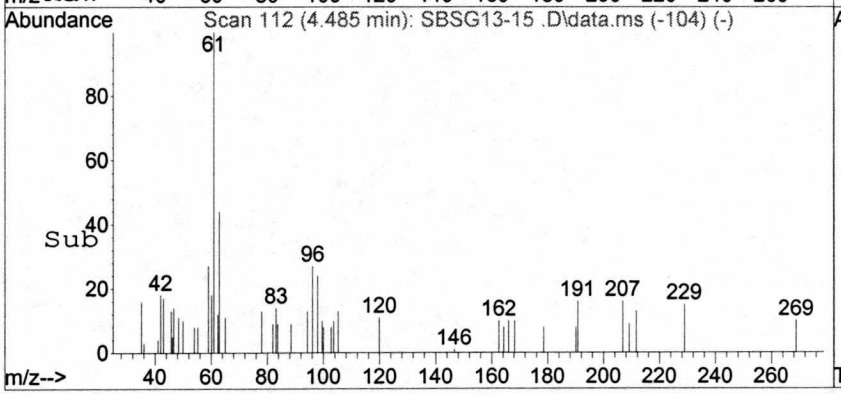


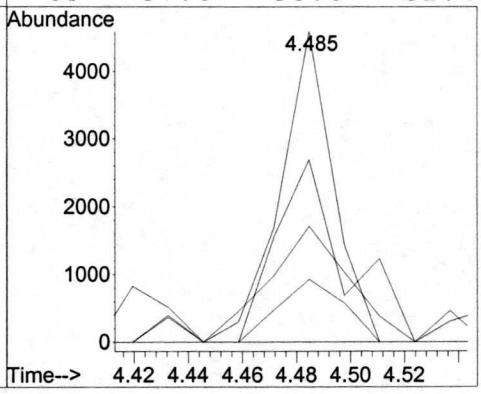


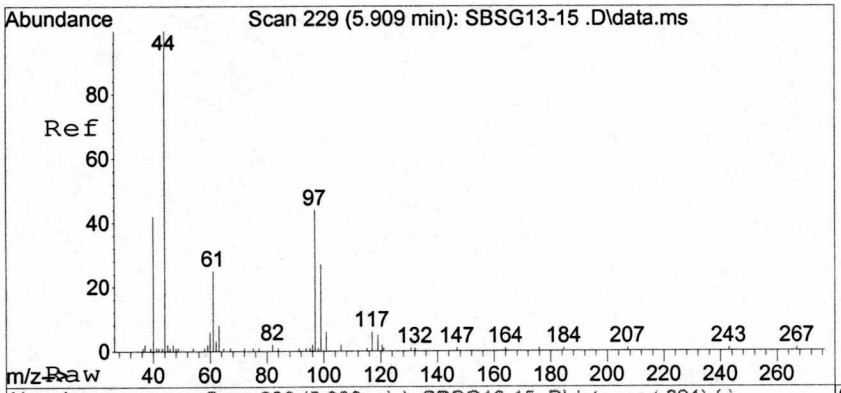
#18
1,1-Dichloroethene
Concen: 10.08 ppbv
RT: 4.485 min Scan# 112
Delta R.T. 0.000 min
Lab File: SBSG13-15 .D
Acq: 30 Mar 2015 9:32

Tgt Ion: 61 Resp: 6275

Ion	Ratio	Lower	Upper
61	100		
96	76.9	58.7	88.1
98	24.7	29.0	43.4#
63	57.0	35.0	52.4#



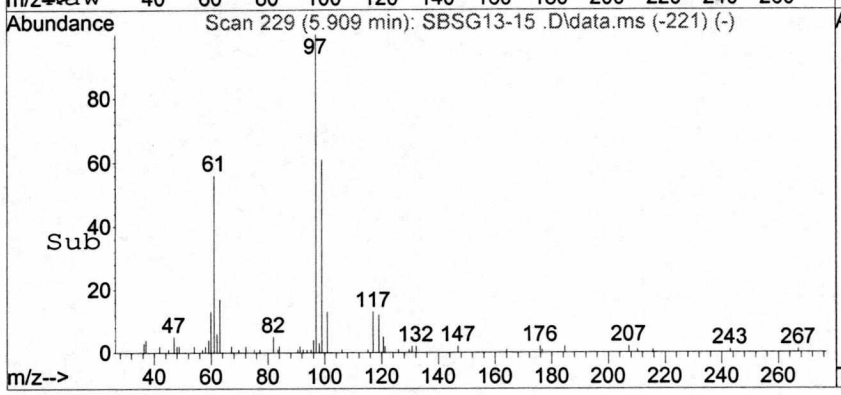


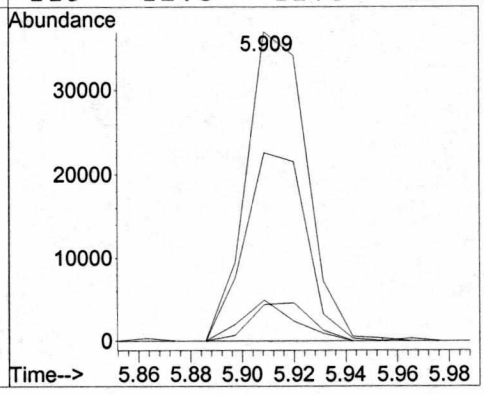


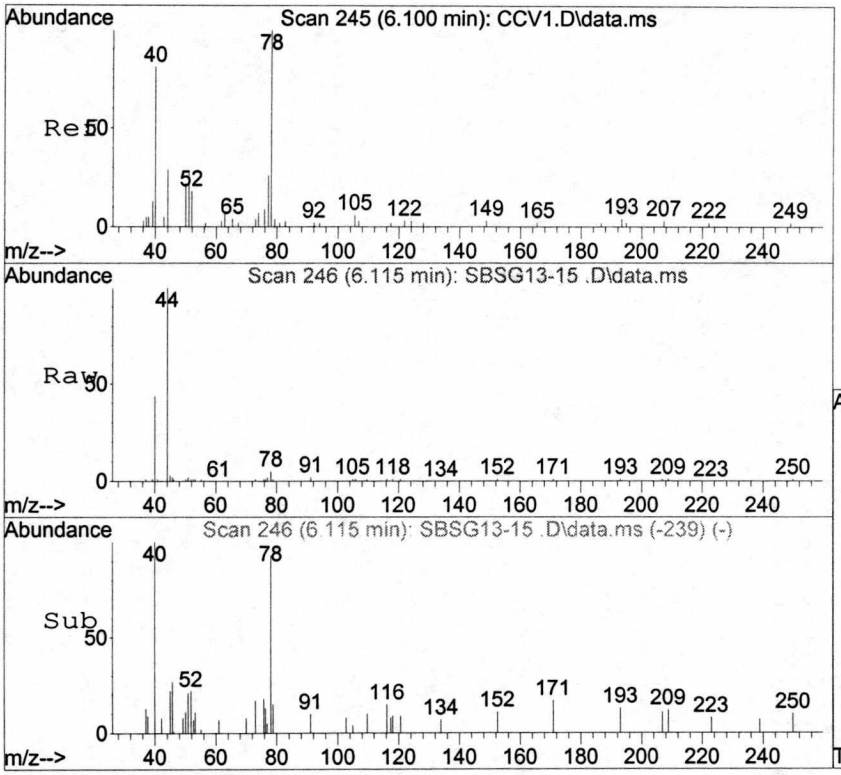
#38
1,1,1-Trichloroethane
Concen: 58.77 ppbv
RT: 5.909 min Scan# 229
Delta R.T. -0.011 min
Lab File: SBSG13-15 .D
Acq: 30 Mar 2015 9:32

Tgt Ion: 97 Resp: 60424

Ion	Ratio	Lower	Upper
97	100		
99	62.3	57.8	86.8
117	11.5	6.7	10.1#
119	12.3	12.3	18.5#



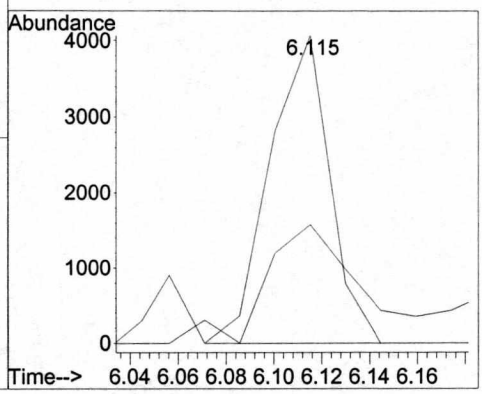


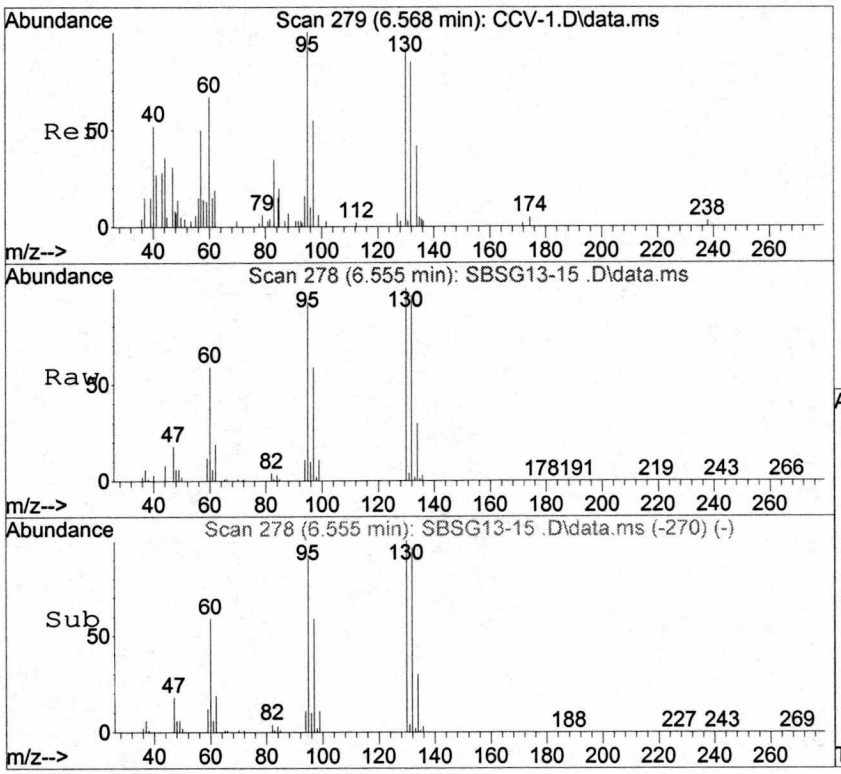


#40
Benzene
Concen: 8.26 ppbv
RT: 6.115 min Scan# 246
Delta R.T. -0.002 min
Lab File: SBSG13-15 .D
Acq: 30 Mar 2015 9:32

Tgt Ion: 78 Resp: 7109

Ion	Ratio	Lower	Upper
78	100		
52	56.5	16.1	24.1#

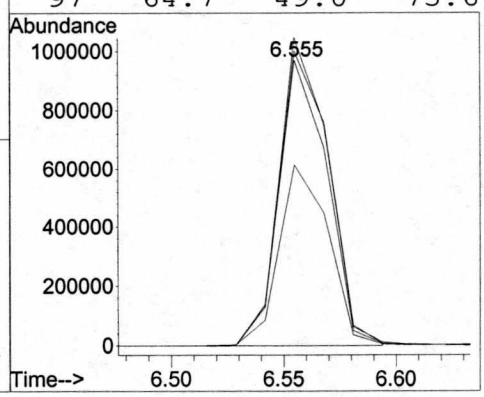


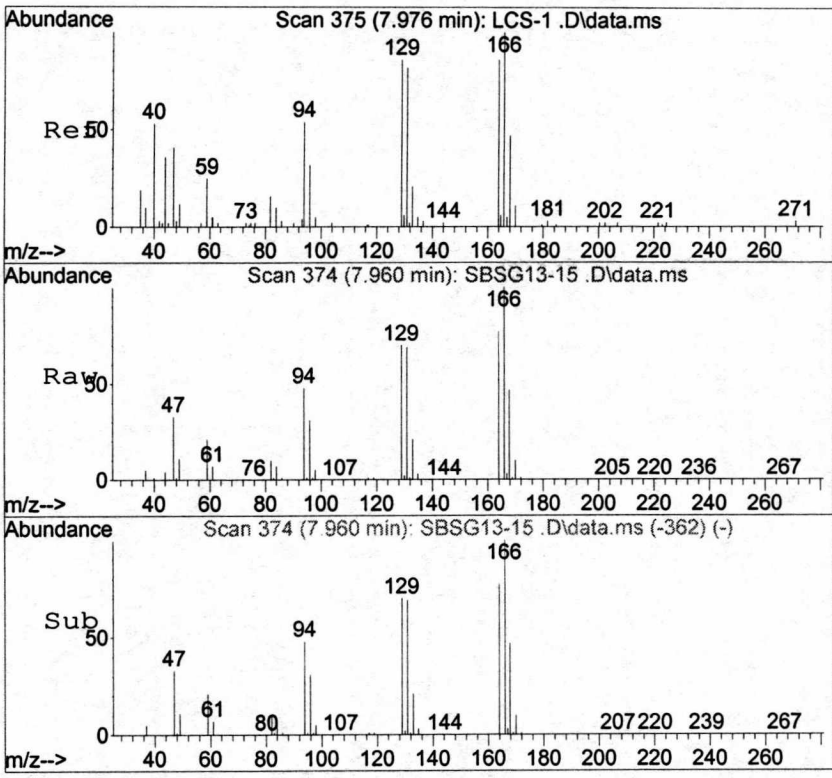


#48
Trichloroethene
Concen: 3124.84 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.003 min
Lab File: SBSG13-15 .D
Acq: 30 Mar 2015 9:32

Tgt Ion: 95 Resp: 1439491

Ion	Ratio	Lower	Upper
95	100		
130	108.5	84.2	126.2
132	107.4	59.5	89.3#
97	64.7	49.0	73.6

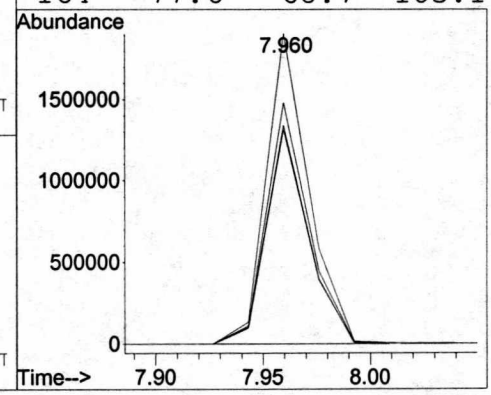




#62
Tetrachloroethene
Concen: 3956.86 ppbv
RT: 7.960 min Scan# 374
Delta R.T. 0.002 min
Lab File: SBSG13-15 .D
Acq: 30 Mar 2015 9:32

Tgt Ion:166 Resp: 2610014

Ion	Ratio	Lower	Upper
166	100		
131	68.7	65.7	98.5
129	69.8	68.8	103.2
164	77.6	68.7	103.1



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-15 R.D
Acq On : 30 Mar 2015 9:56
Operator : mm
Sample : E503140-03
Misc : 10
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 30 10:13:03 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

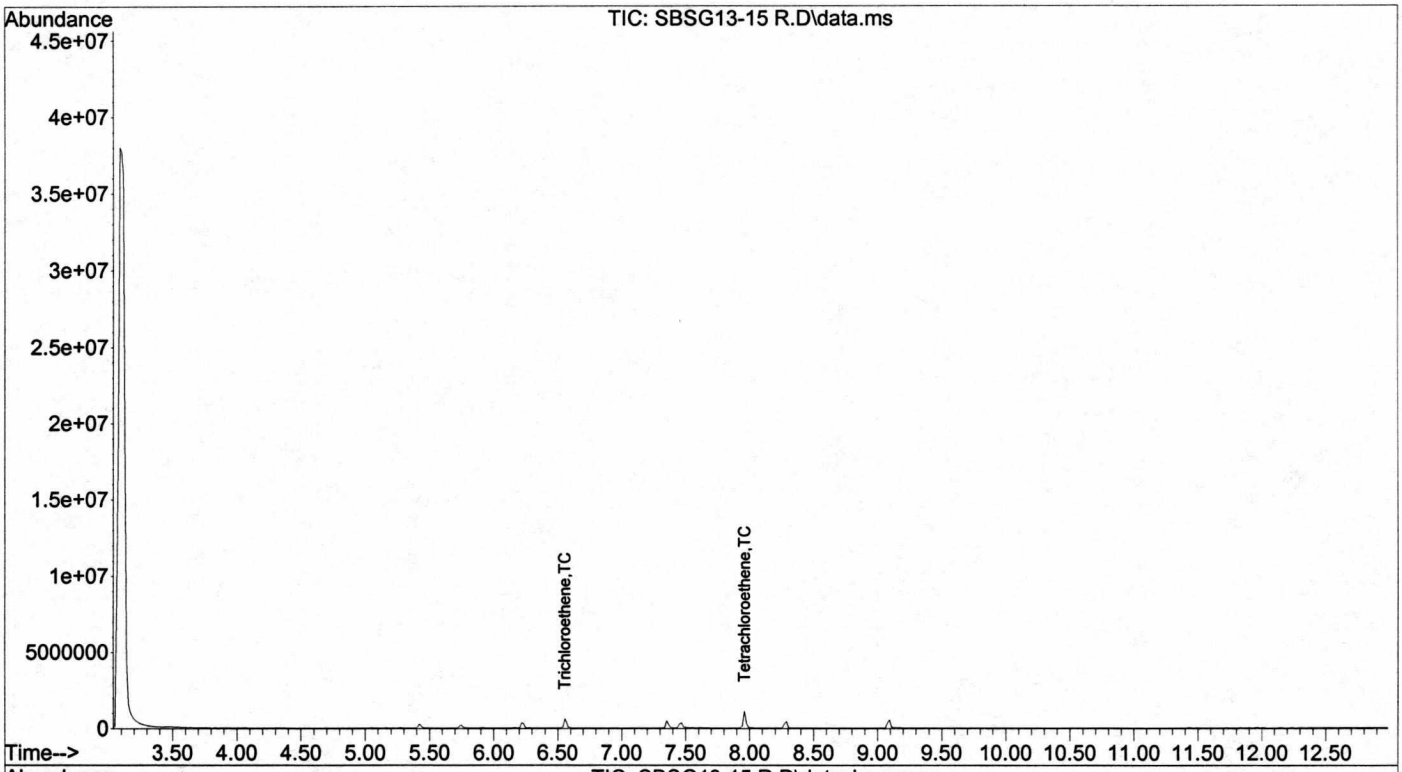
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.420	130	65951	209.00	ppbv	0.00
42) 1,4-Difluorobenzene	6.218	114	216744	209.00	ppbv	0.00
63) Chlorobenzene-d5	8.288	54	62532	209.00	ppbv	0.02
System Monitoring Compounds						
36) 1,2-Dichloroethane-d4	5.750	65	124093	216.96	ppbv	0.01
Spiked Amount 209.000			Recovery	=	103.81%	
56) Toluene-d8	7.352	98	226512	234.56	ppbv	0.00
Spiked Amount 209.000			Recovery	=	112.23%	
74) 1,4-Bromofluorobenzene	9.093	95	158196	223.33	ppbv	0.00
Spiked Amount 209.000			Recovery	=	106.86%	
Target Compounds						Qvalue
48) Trichloroethene	6.555	95	124488	319.35	ppbv #	78
62) Tetrachloroethene	7.960	166	237496	425.49	ppbv	87

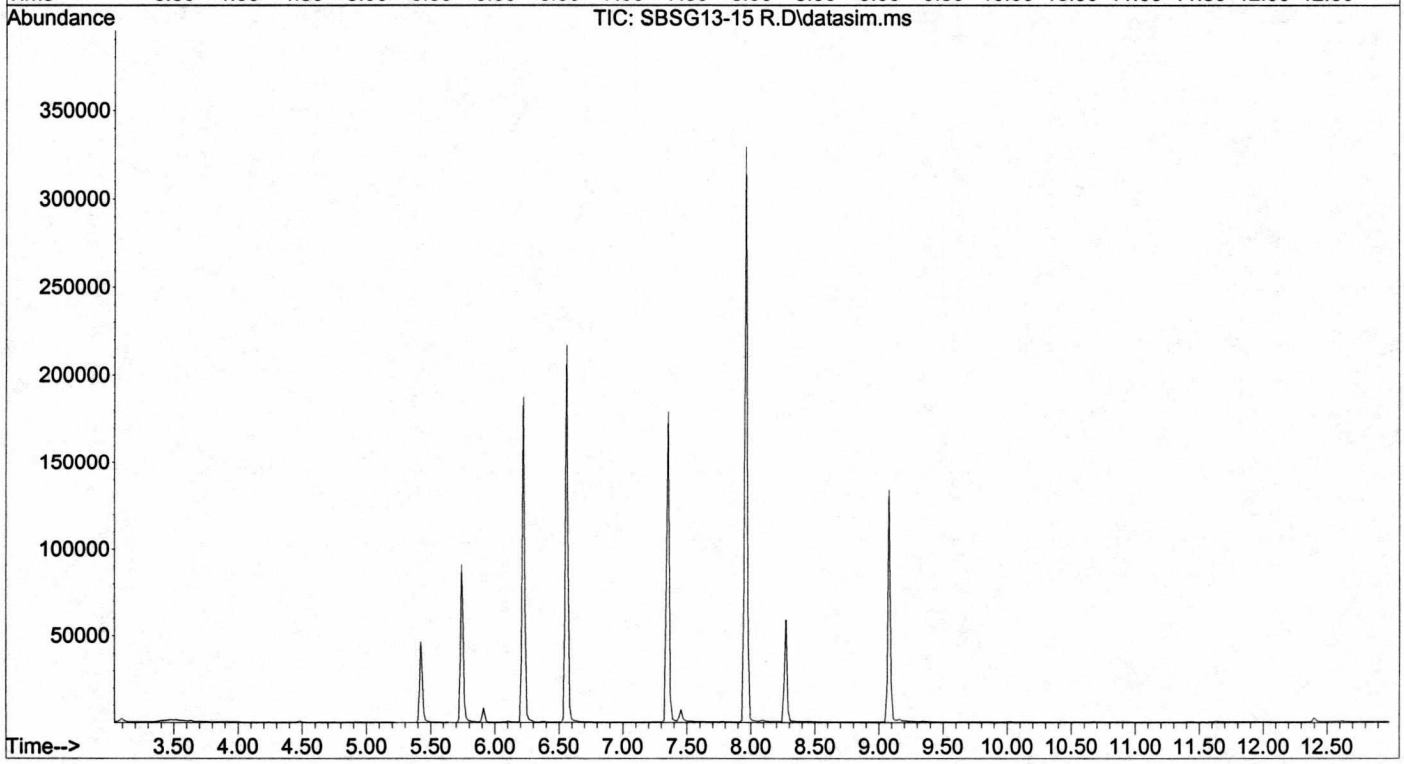
(#) = qualifier out of range (m) = manual integration (+) = signals summed

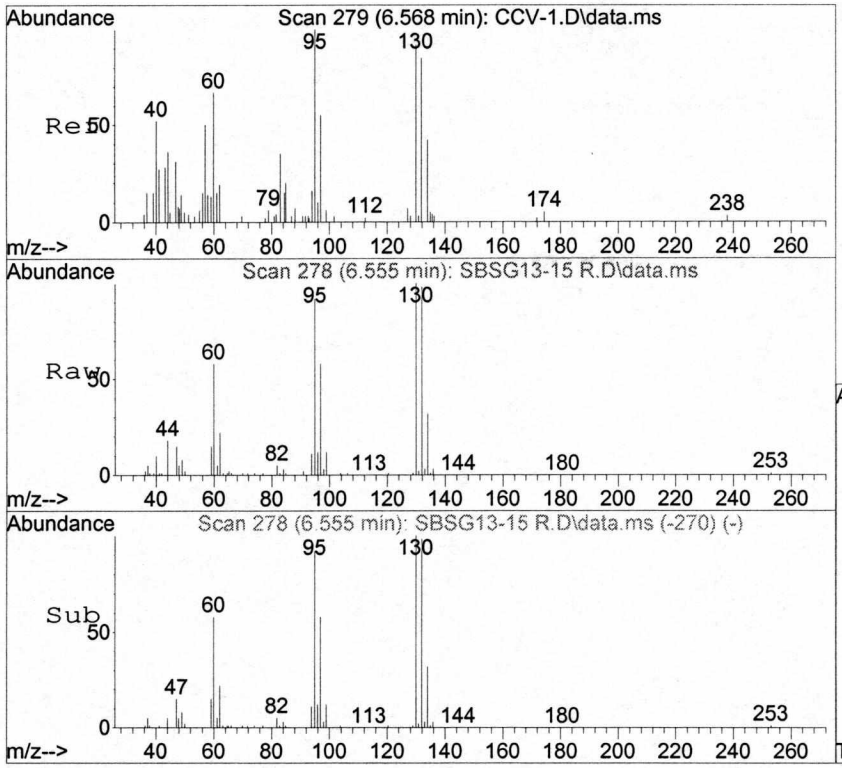
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-15 R.D
Acq On : 30 Mar 2015 9:56
Operator : mm
Sample : E503140-03
Misc : 10
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 30 10:13:03 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration



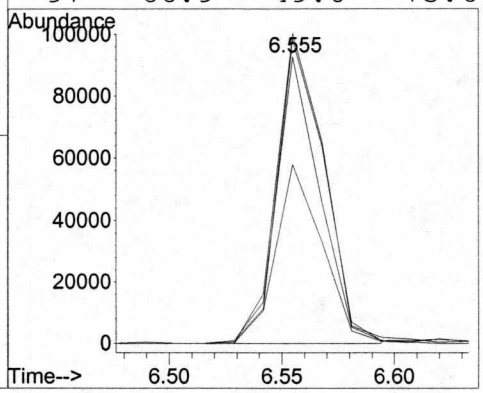


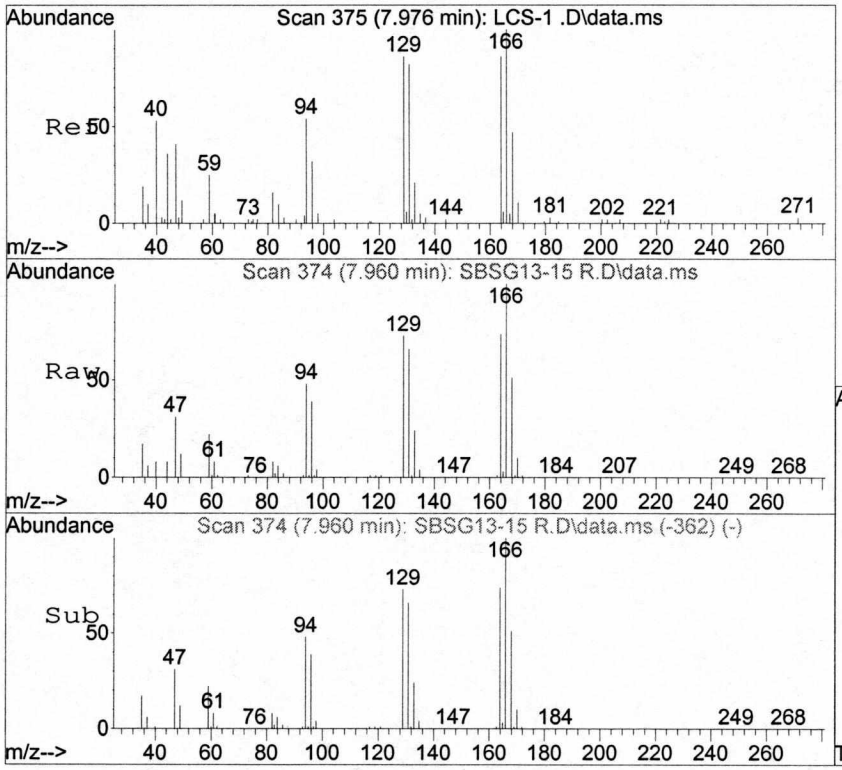


#48
Trichloroethene
Concen: 319.35 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.003 min
Lab File: SBSG13-15 R.D
Acq: 30 Mar 2015 9:56

Tgt Ion: 95 Resp: 124488

Ion	Ratio	Lower	Upper
95	100		
130	119.1	84.2	126.2
132	112.7	59.5	89.3#
97	66.9	49.0	73.6

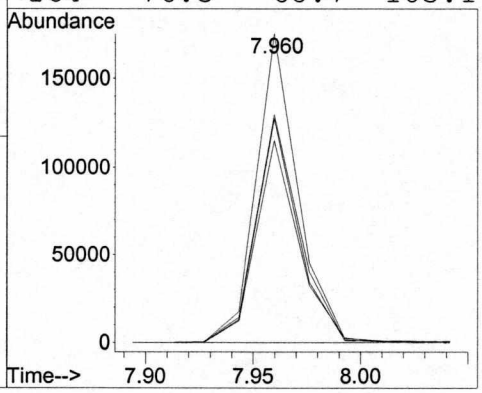




#62
Tetrachloroethene
Concen: 425.49 ppbv
RT: 7.960 min Scan# 374
Delta R.T. 0.003 min
Lab File: SBSG13-15 R.D
Acq: 30 Mar 2015 9:56

Tgt Ion:166 Resp: 237496

Ion	Ratio	Lower	Upper
166	100		
131	67.6	65.7	98.5
129	73.4	68.8	103.2
164	76.5	68.7	103.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-25 .D
Acq On : 30 Mar 2015 10:19
Operator : mm
Sample : E503140-04
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 23 10:47:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

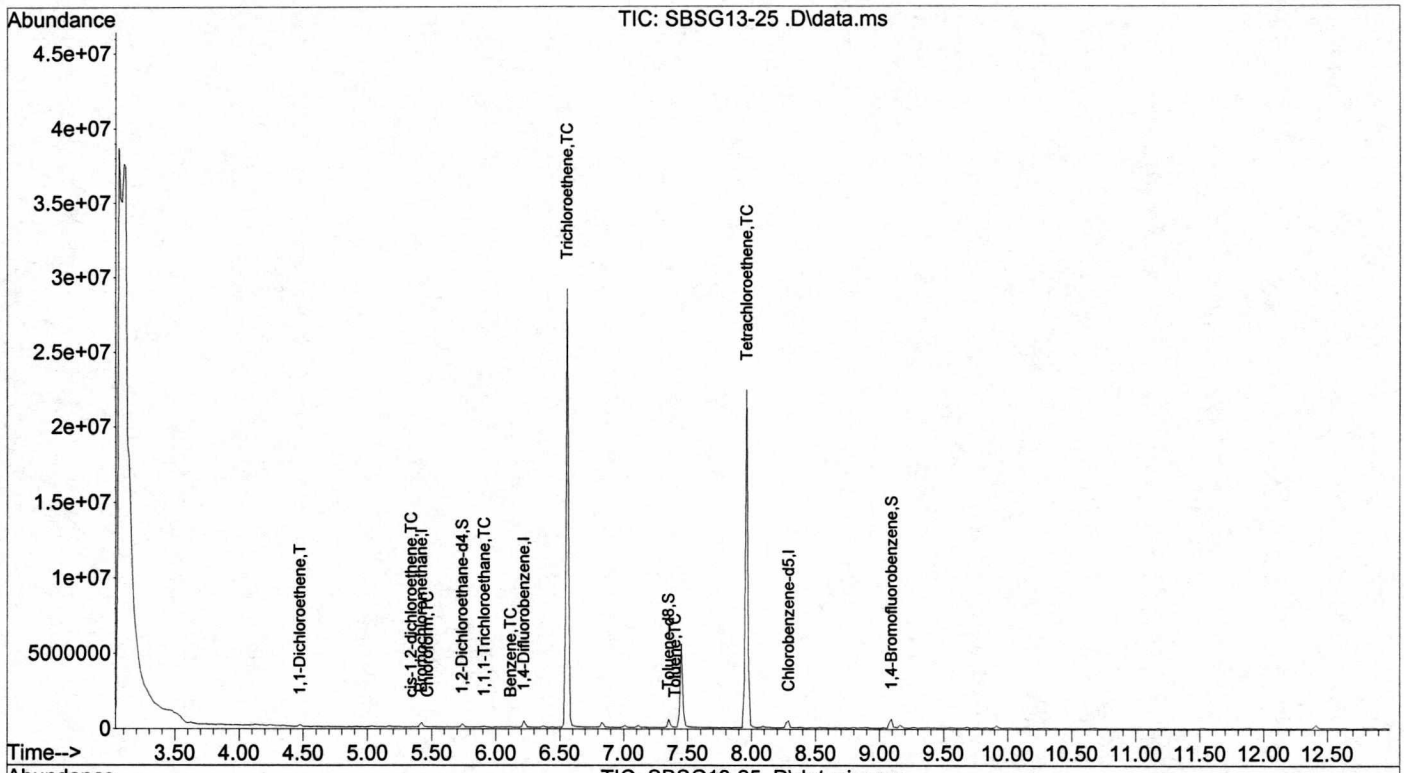
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Bromochloromethane	5.420	130	67771	209.00 ppbv	0.00
42) 1,4-Difluorobenzene	6.218	114	229738	209.00 ppbv	0.00
63) Chlorobenzene-d5	8.288	54	73387	209.00 ppbv	0.02
System Monitoring Compounds					
36) 1,2-Dichloroethane-d4	5.738	65	128050	217.87 ppbv	0.00
Spiked Amount 209.000			Recovery	= 104.24%	
56) Toluene-d8	7.352	98	247966	242.25 ppbv	0.00
Spiked Amount 209.000			Recovery	= 115.91%	
74) 1,4-Bromofluorobenzene	9.093	95	161882	194.73 ppbv	0.00
Spiked Amount 209.000			Recovery	= 93.17%	
Target Compounds					Qvalue
18) 1,1-Dichloroethene	4.472	61	66642	118.14 ppbv #	77
28) cis-1,2-dichloroethene	5.340	61	5134	10.38 ppbv #	82
32) Chloroform	5.465	83	3887	5.27 ppbv #	58
38) 1,1,1-Trichloroethane	5.908	97	29088	31.23 ppbv #	92
40) Benzene	6.115	78	11634	14.92 ppbv #	83
48) Trichloroethene	6.555	95	6153466	14892.85 ppbv #	85
58) Toluene	7.401	91	18192	16.53 ppbv #	74
62) Tetrachloroethene	7.960	166	5013046	8473.24 ppbv	86

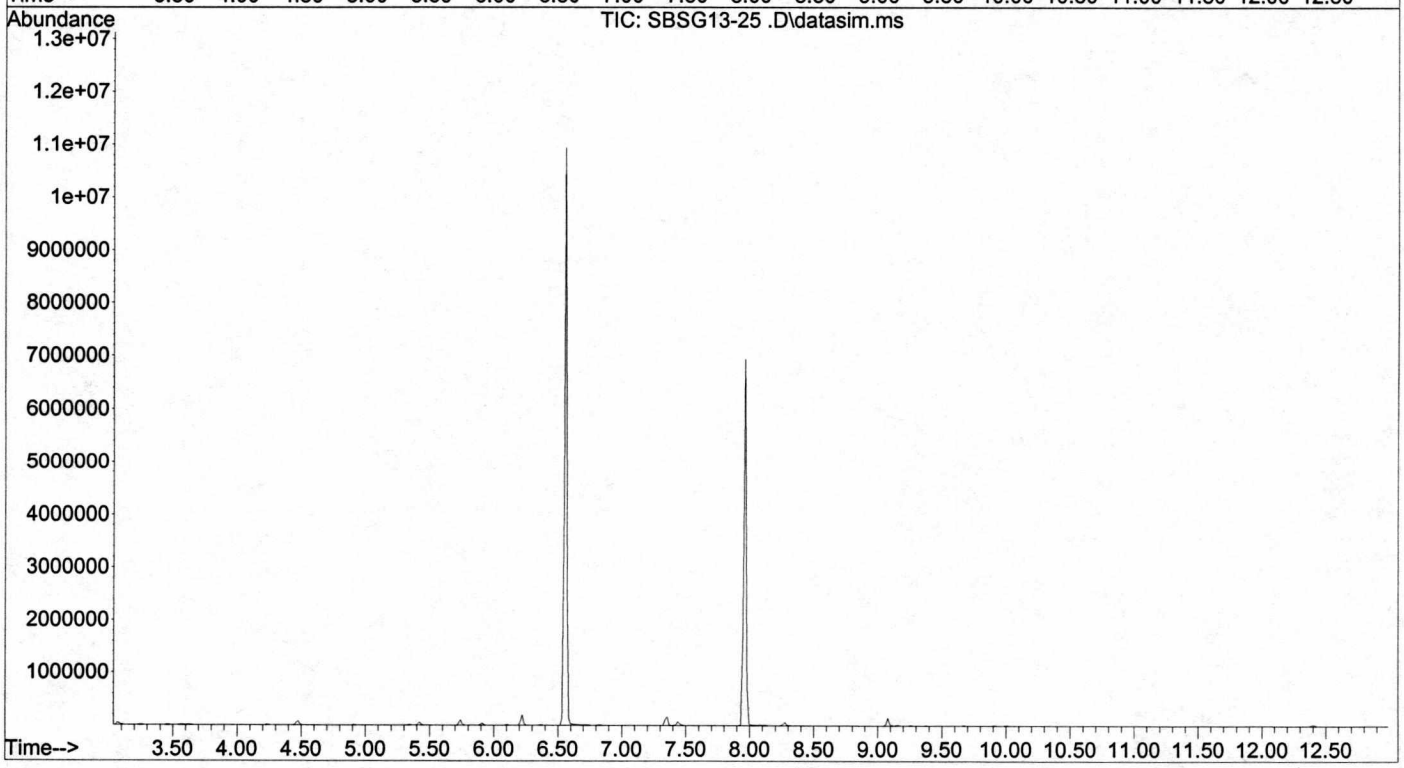
(#) = qualifier out of range (m) = manual integration (+) = signals summed

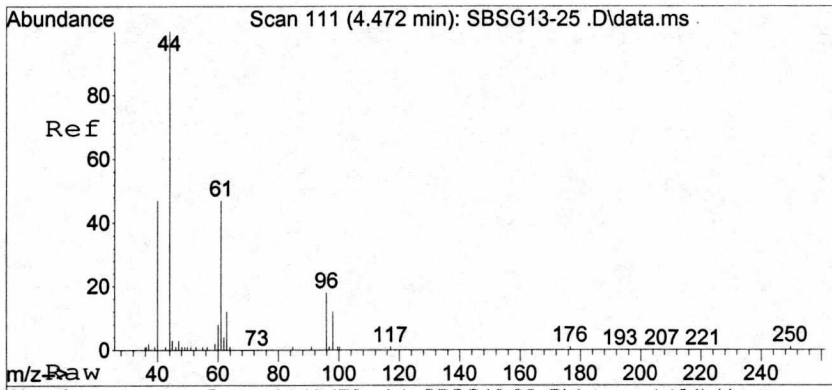
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-25 .D
Acq On : 30 Mar 2015 10:19
Operator : mm
Sample : E503140-04
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 23 10:47:20 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration



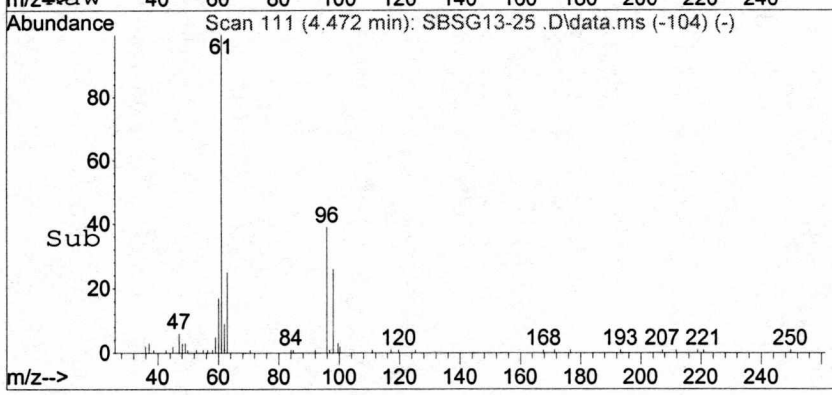


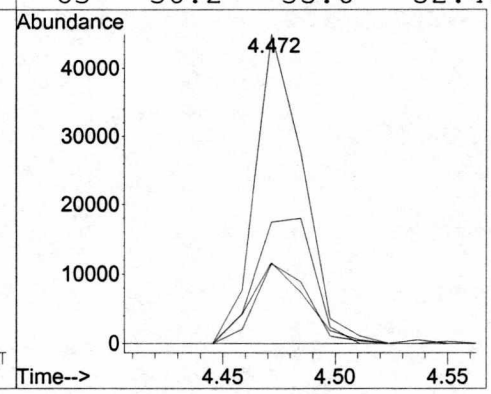


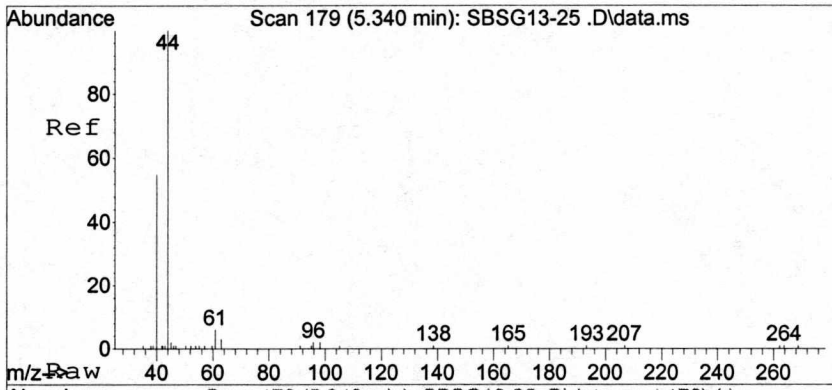
#18
1,1-Dichloroethene
Concen: 118.14 ppbv
RT: 4.472 min Scan# 111
Delta R.T. -0.013 min
Lab File: SBSG13-25 .D
Acq: 30 Mar 2015 10:19

Tgt Ion: 61 Resp: 66642

Ion	Ratio	Lower	Upper
61	100		
96	49.5	58.7	88.1#
98	28.1	29.0	43.4#
63	30.2	35.0	52.4#



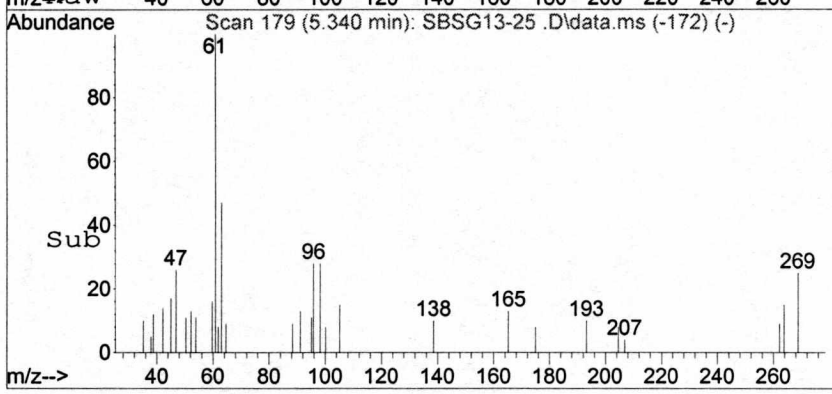


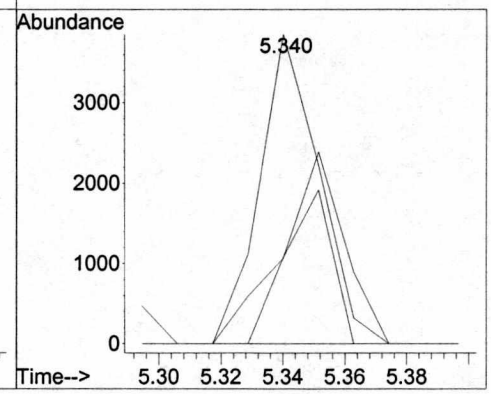


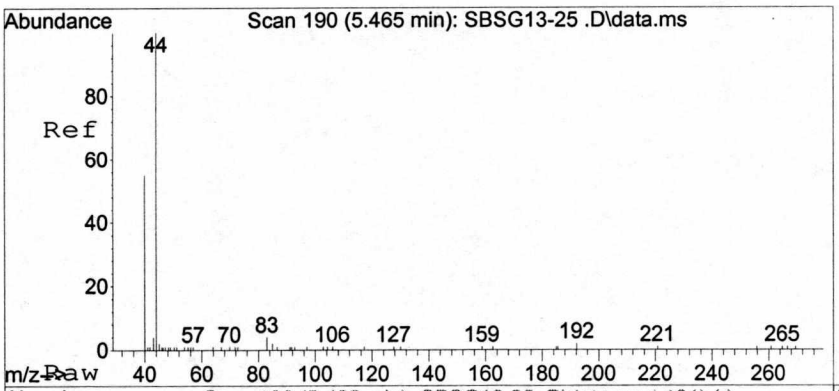
#28
cis-1,2-dichloroethene
Concen: 10.38 ppbv
RT: 5.340 min Scan# 179
Delta R.T. -0.023 min
Lab File: SBSG13-25 .D
Acq: 30 Mar 2015 10:19

Tgt Ion: 61 Resp: 5134

Ion	Ratio	Lower	Upper
61	100		
96	65.7	46.5	69.7
98	39.8	17.4	26.0#



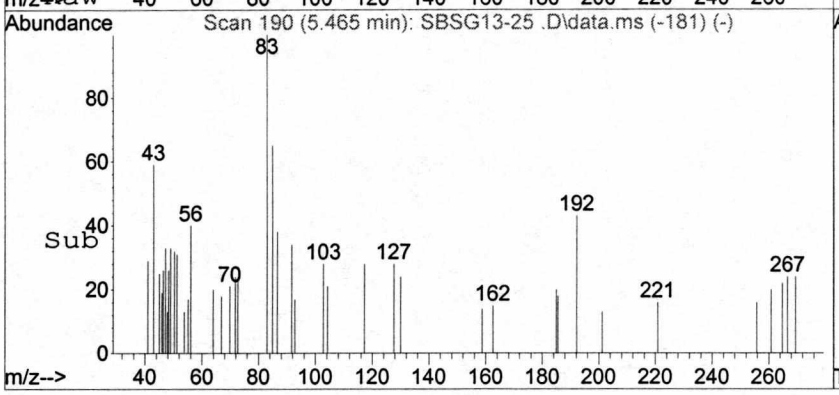


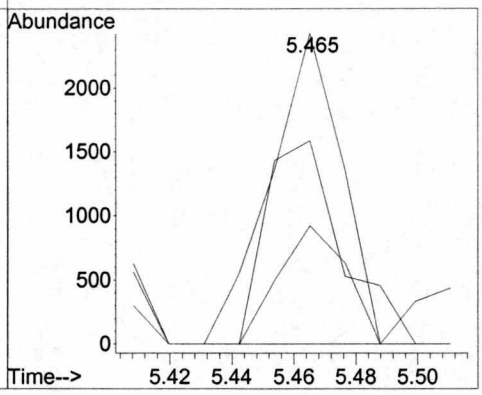


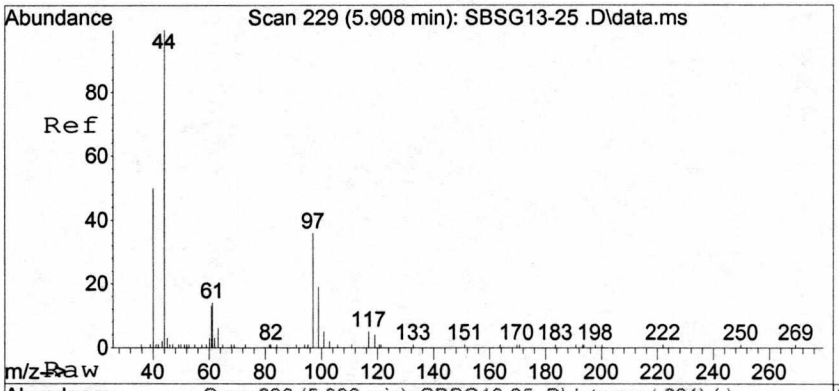
#32
Chloroform
Concen: 5.27 ppbv
RT: 5.465 min Scan# 190
Delta R.T. 0.000 min
Lab File: SBSG13-25 .D
Acq: 30 Mar 2015 10:19

Tgt Ion: 83 Resp: 3887

Ion	Ratio	Lower	Upper
83	100		
85	70.3	34.7	52.1#
87	36.1	0.0	0.0#



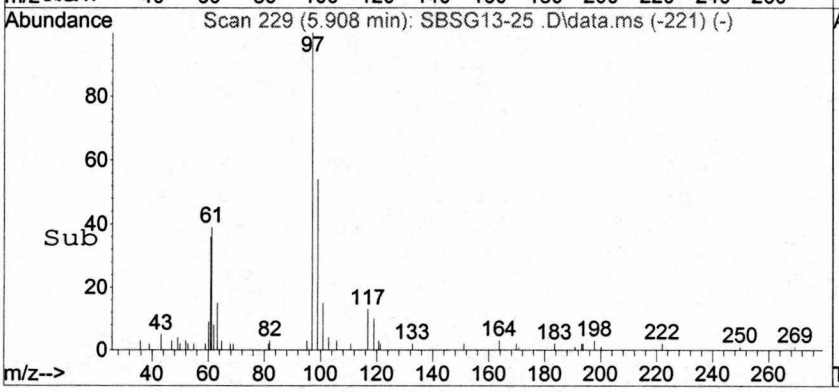


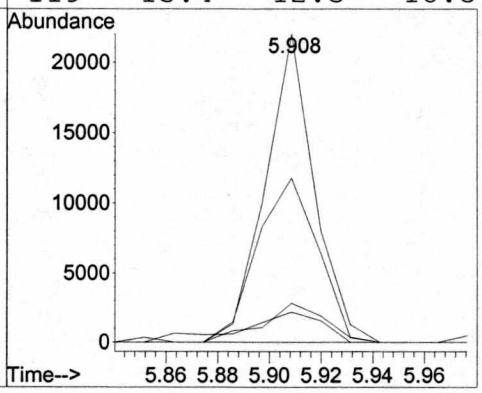


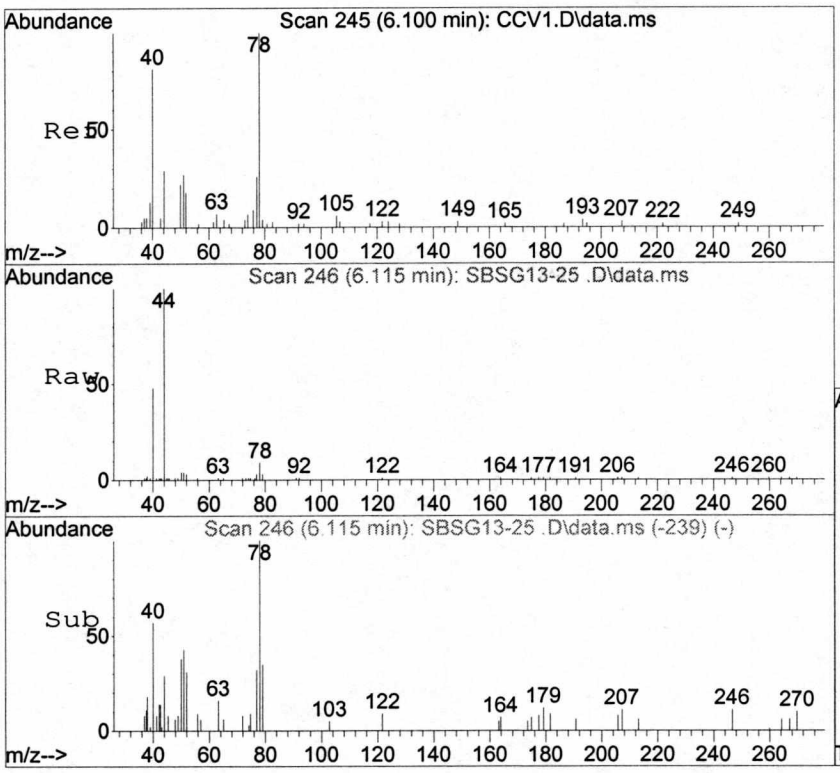
#38
1,1,1-Trichloroethane
Concen: 31.23 ppbv
RT: 5.908 min Scan# 229
Delta R.T. -0.011 min
Lab File: SBSG13-25 .D
Acq: 30 Mar 2015 10:19

Tgt Ion: 97 Resp: 29088

Ion	Ratio	Lower	Upper
97	100		
99	66.4	57.8	86.8
117	16.2	6.7	10.1#
119	13.4	12.3	18.5



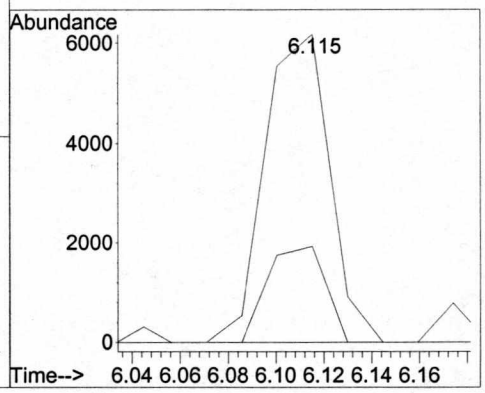


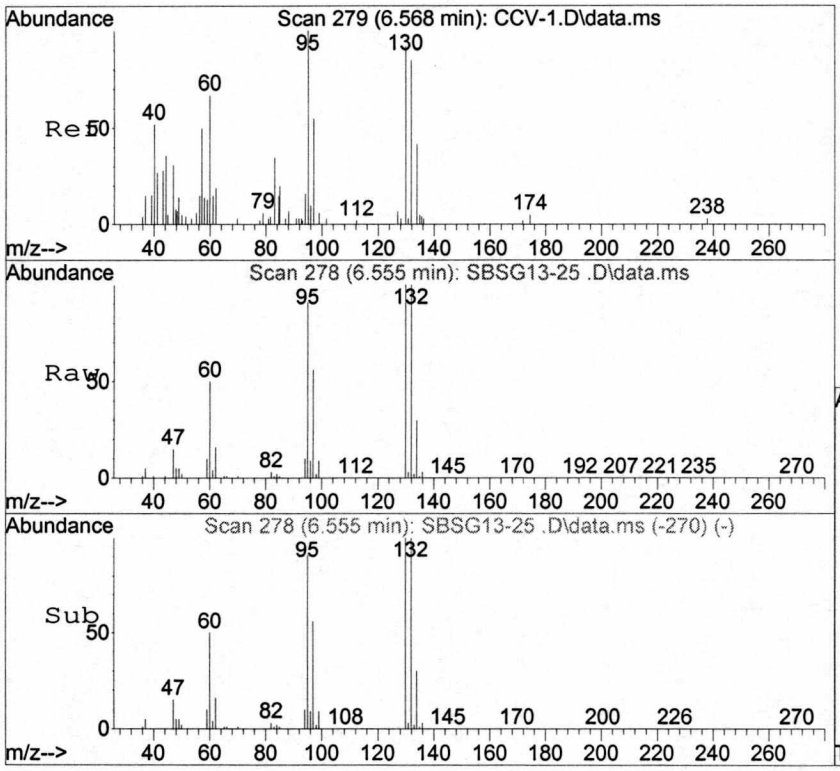


#40
Benzene
Concen: 14.92 ppbv
RT: 6.115 min Scan# 246
Delta R.T. -0.002 min
Lab File: SBSG13-25 .D
Acq: 30 Mar 2015 10:19

Tgt Ion: 78 Resp: 11634

Ion	Ratio	Lower	Upper
78	100		
52	28.0	16.1	24.1#

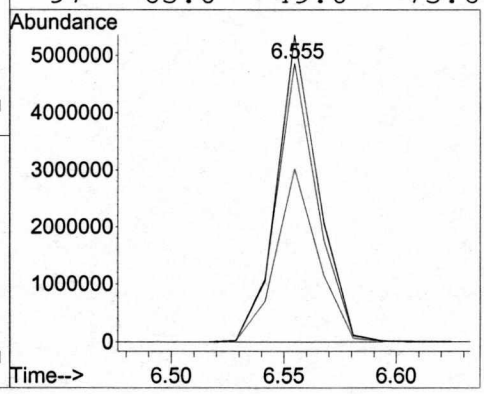


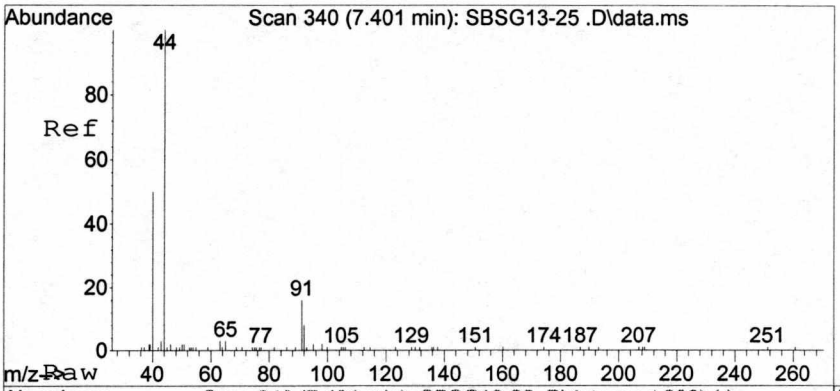


#48
Trichloroethene
Concen: 14892.85 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.003 min
Lab File: SBSG13-25 .D
Acq: 30 Mar 2015 10:19

Tgt Ion: 95 Resp: 6153466

Ion	Ratio	Lower	Upper
95	100		
130	109.9	84.2	126.2
132	109.6	59.5	89.3#
97	63.0	49.0	73.6

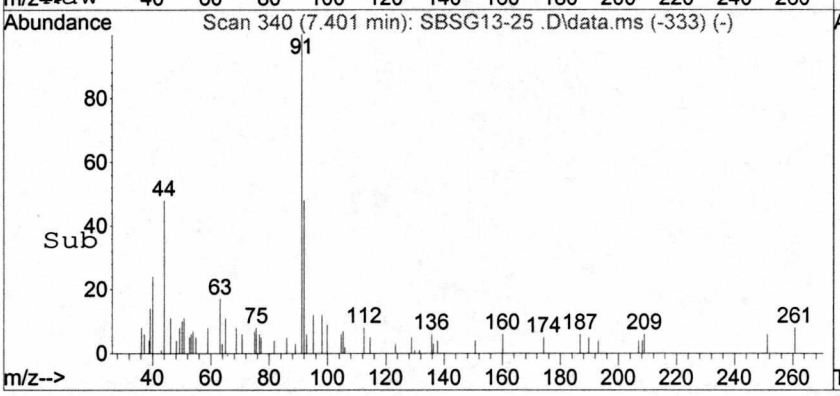


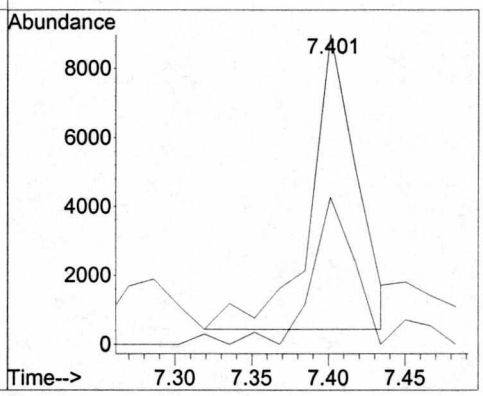


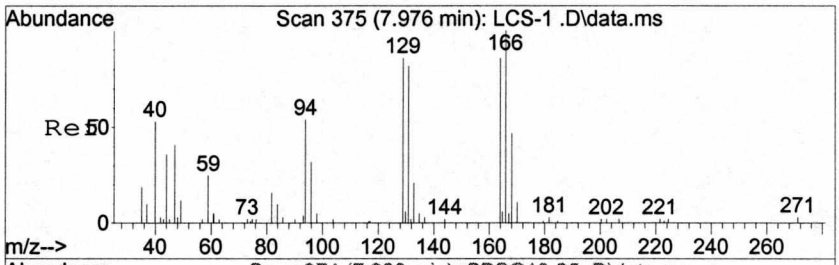
#58
Toluene
Concen: 16.53 ppbv
RT: 7.401 min Scan# 340
Delta R.T. 0.001 min
Lab File: SBSG13-25 .D
Acq: 30 Mar 2015 10:19

Tgt Ion: 91 Resp: 18192

Ion	Ratio	Lower	Upper
91	100		
92	42.3	49.9	74.9#



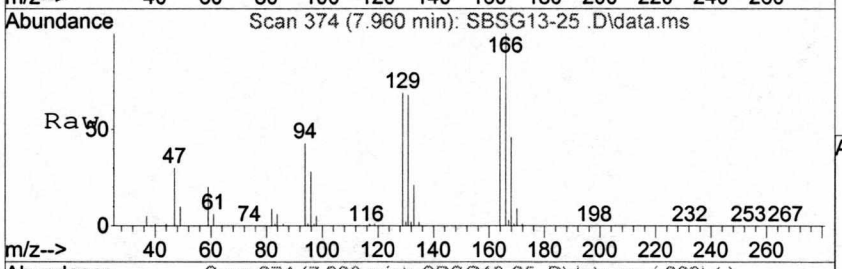


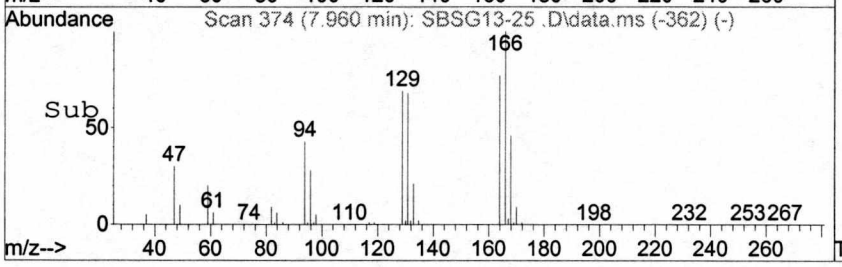


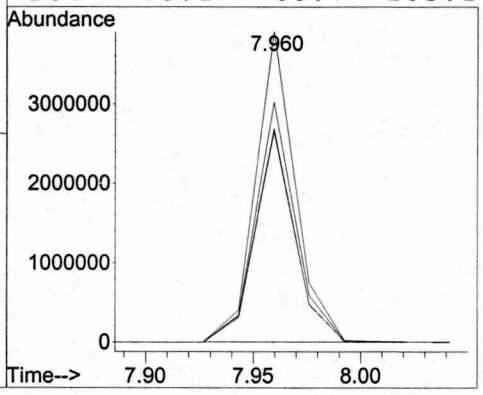
#62
Tetrachloroethene
Concen: 8473.24 ppbv
RT: 7.960 min Scan# 374
Delta R.T. 0.002 min
Lab File: SBSG13-25 .D
Acq: 30 Mar 2015 10:19

Tgt Ion:166 Resp: 5013046

Ion	Ratio	Lower	Upper
166	100		
131	67.9	65.7	98.5
129	69.1	68.8	103.2
164	78.1	68.7	103.1







Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-25 R.D
Acq On : 30 Mar 2015 11:03
Operator : mm
Sample : E503140-04
Misc : 25
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 30 11:17:24 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

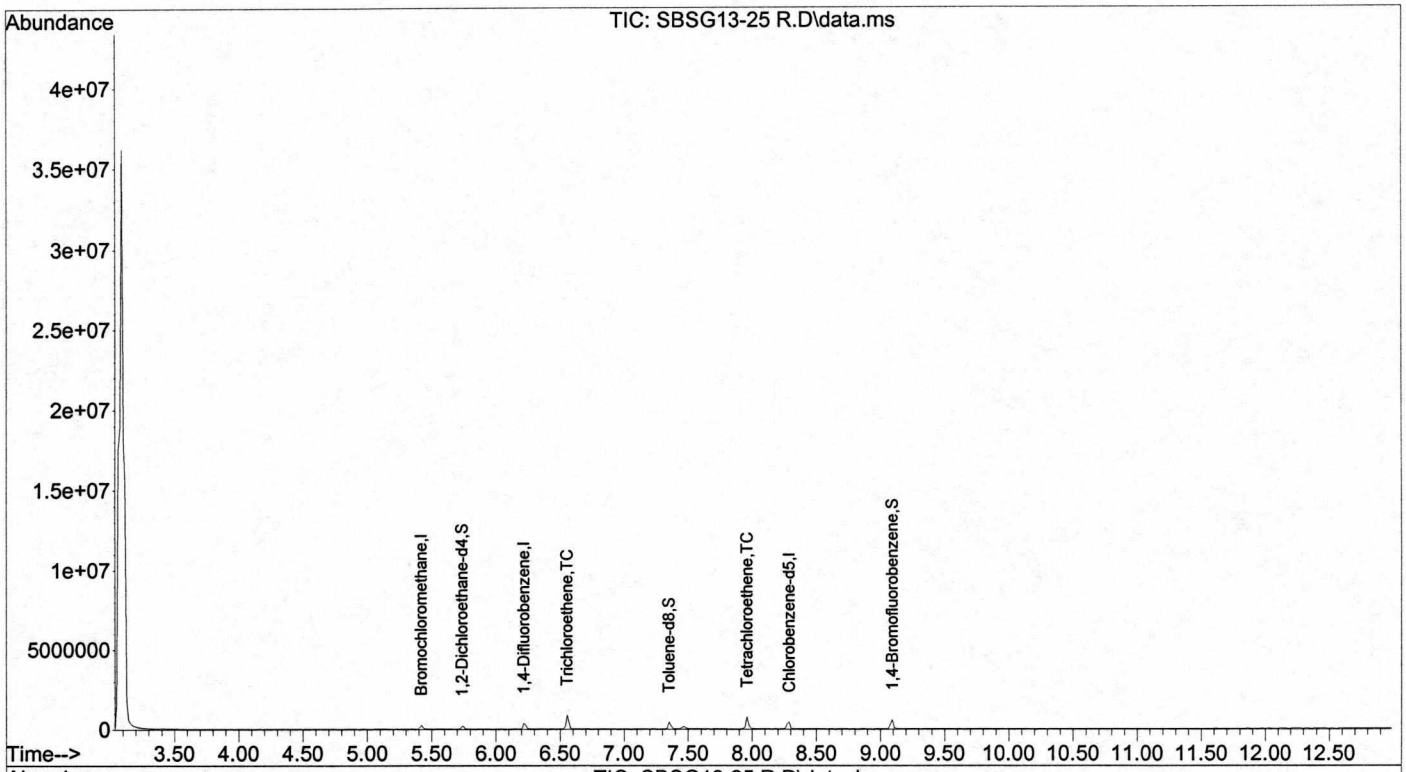
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Bromochloromethane	5.420	130	58929	209.00 ppbv	0.00
42) 1,4-Difluorobenzene	6.218	114	220590	209.00 ppbv	0.00
63) Chlorobenzene-d5	8.288	54	67152	209.00 ppbv	0.02
System Monitoring Compounds					
36) 1,2-Dichloroethane-d4	5.738	65	122873	240.43 ppbv	0.00
Spiked Amount 209.000			Recovery	= 115.04%	
56) Toluene-d8	7.352	98	208210	211.84 ppbv	0.00
Spiked Amount 209.000			Recovery	= 101.36%	
74) 1,4-Bromofluorobenzene	9.093	95	157211	206.67 ppbv	0.00
Spiked Amount 209.000			Recovery	= 98.89%	
Target Compounds					Qvalue
48) Trichloroethene	6.555	95	195685	493.24 ppbv #	86
62) Tetrachloroethene	7.960	166	167359	294.61 ppbv #	84

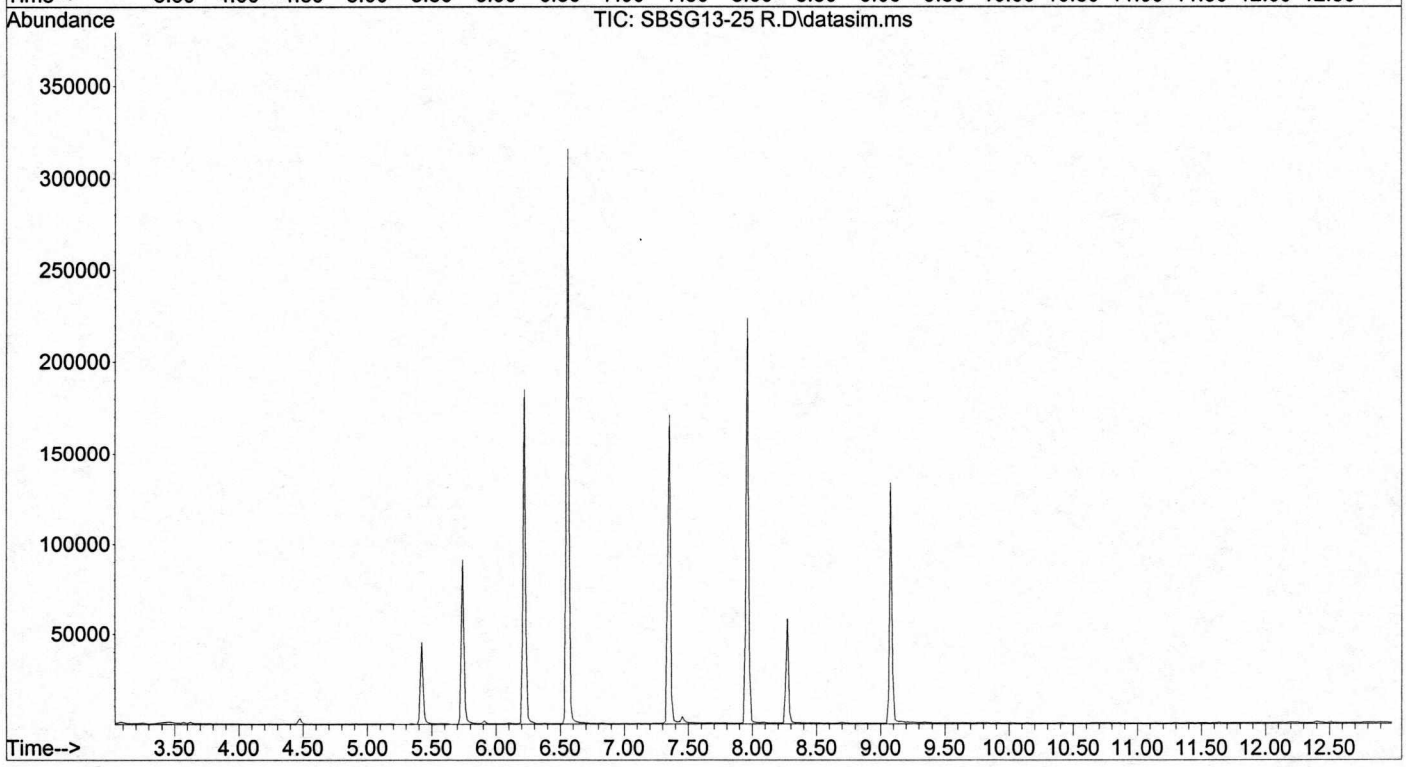
(#) = qualifier out of range (m) = manual integration (+) = signals summed

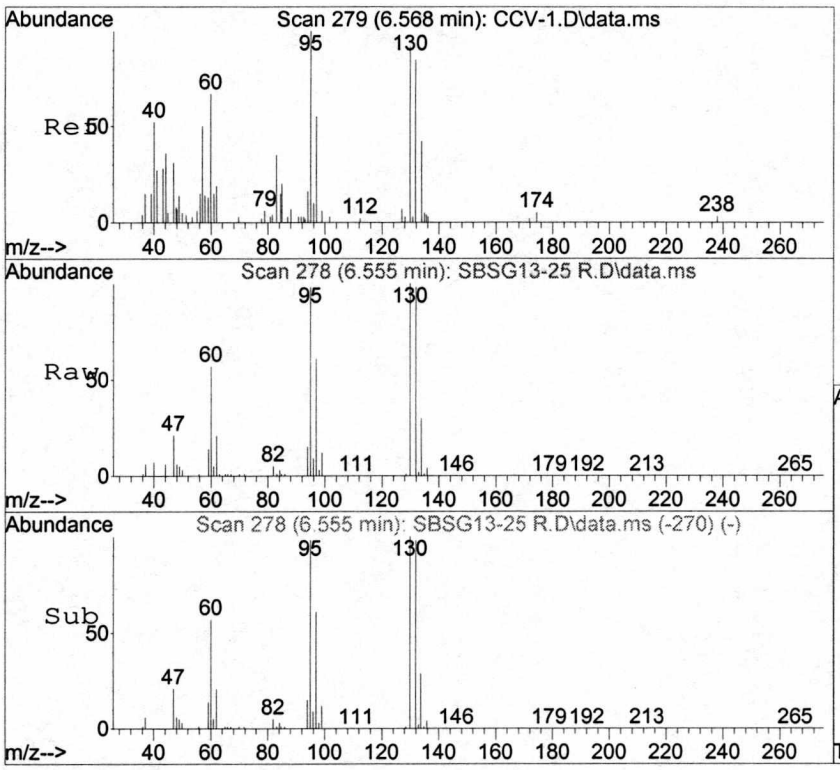
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-25 R.D
Acq On : 30 Mar 2015 11:03
Operator : mm
Sample : E503140-04
Misc : 25
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 30 11:17:24 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration



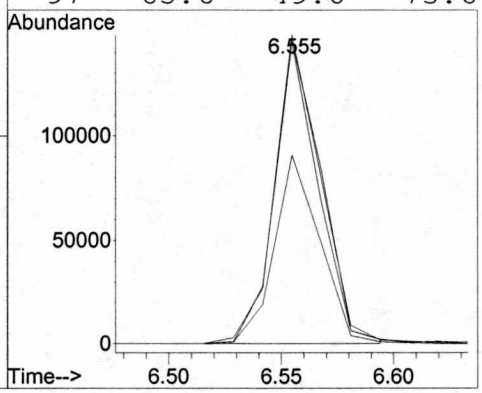


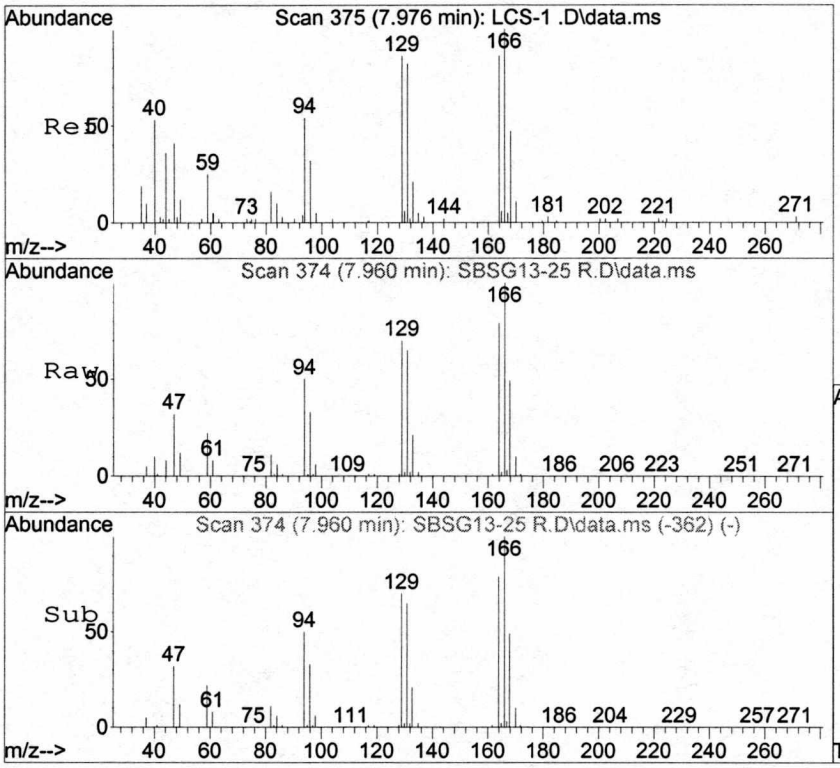


#48
Trichloroethene
Concen: 493.24 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.003 min
Lab File: SBSG13-25 R.D
Acq: 30 Mar 2015 11:03

Tgt Ion: 95 Resp: 195685

Ion	Ratio	Lower	Upper
95	100		
130	107.5	84.2	126.2
132	106.7	59.5	89.3#
97	65.6	49.0	73.6

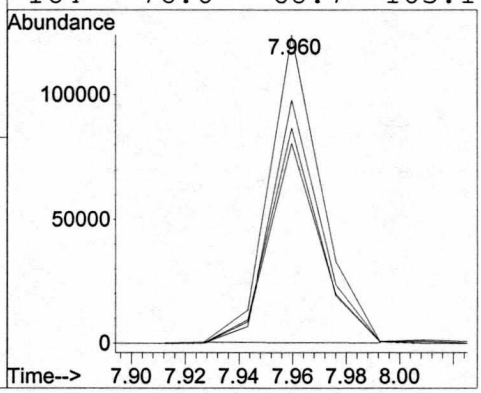




#62
Tetrachloroethene
Concen: 294.61 ppbv
RT: 7.960 min Scan# 374
Delta R.T. 0.002 min
Lab File: SBSG13-25 R.D
Acq: 30 Mar 2015 11:03

Tgt Ion:166 Resp: 167359

Ion	Ratio	Lower	Upper
166	100		
131	64.8	65.7	98.5#
129	68.5	68.8	103.2#
164	76.0	68.7	103.1



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-35 .D
Acq On : 30 Mar 2015 11:32
Operator : mm
Sample : E503140-05
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 23 10:52:36 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

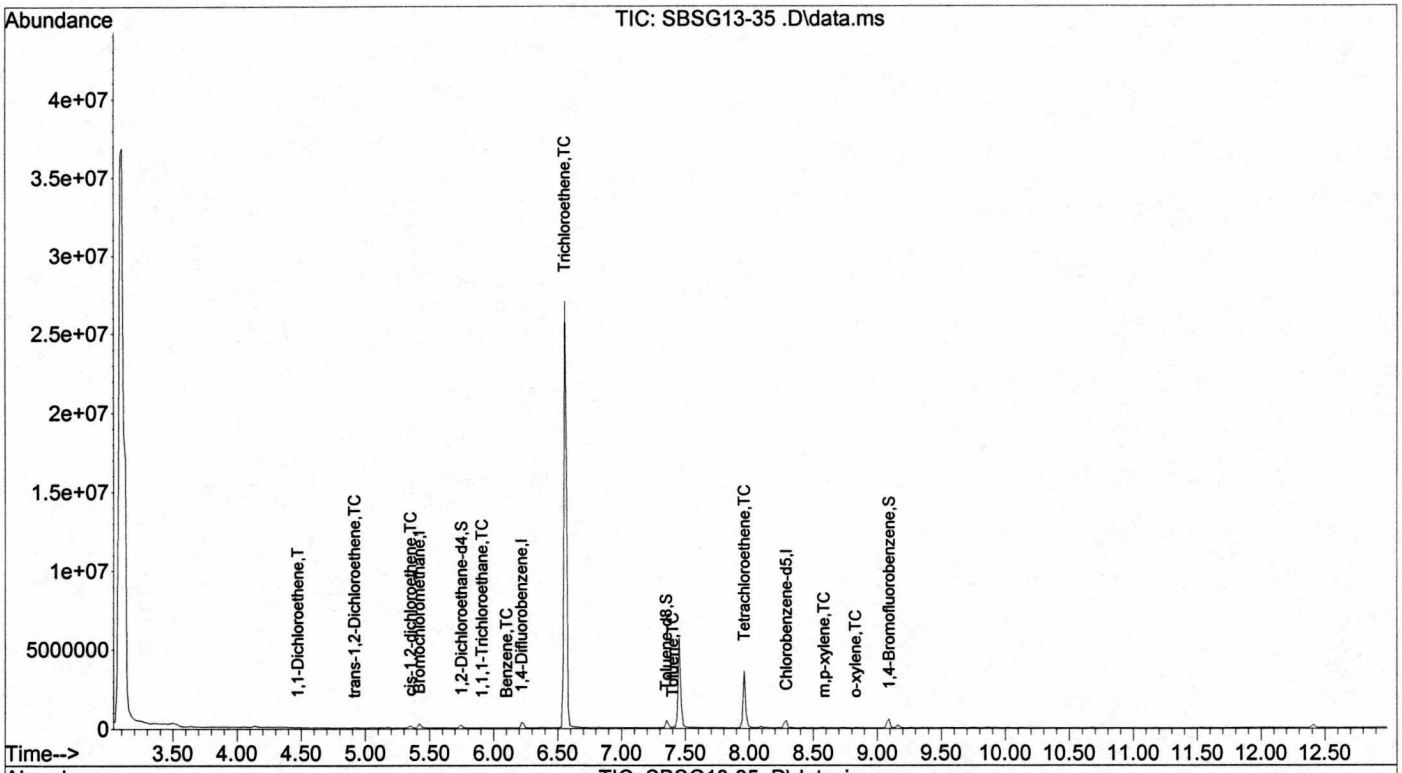
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.420	130	59862	209.00	ppbv	0.00
42) 1,4-Difluorobenzene	6.218	114	223240	209.00	ppbv	0.00
63) Chlorobenzene-d5	8.288	54	74005	209.00	ppbv	0.02
System Monitoring Compounds						
36) 1,2-Dichloroethane-d4	5.750	65	123178	237.27	ppbv	0.01
Spiked Amount 209.000			Recovery	=	113.53%	
56) Toluene-d8	7.352	98	219402	220.58	ppbv	0.00
Spiked Amount 209.000			Recovery	=	105.54%	
74) 1,4-Bromofluorobenzene	9.093	95	162735	194.12	ppbv	0.00
Spiked Amount 209.000			Recovery	=	92.88%	
Target Compounds						Qvalue
18) 1,1-Dichloroethene	4.472	61	10972	22.02	ppbv #	82
23) trans-1,2-Dichloroethene	4.915	61	8484	18.11	ppbv #	80
28) cis-1,2-dichloroethene	5.352	61	65954	150.91	ppbv #	84
38) 1,1,1-Trichloroethane	5.909	97	5672	6.89	ppbv #	86
40) Benzene	6.101	78	6814	9.89	ppbv #	51
48) Trichloroethene	6.555	95	6270175	15617.03	ppbv #	85
58) Toluene	7.401	91	18136	16.96	ppbv	95
62) Tetrachloroethene	7.960	166	781267	1358.96	ppbv	87
67) m,p-xylene	8.584	91	14509	11.59	ppbv	92
71) o-xylene	8.830	91	6640	5.16	ppbv #	81

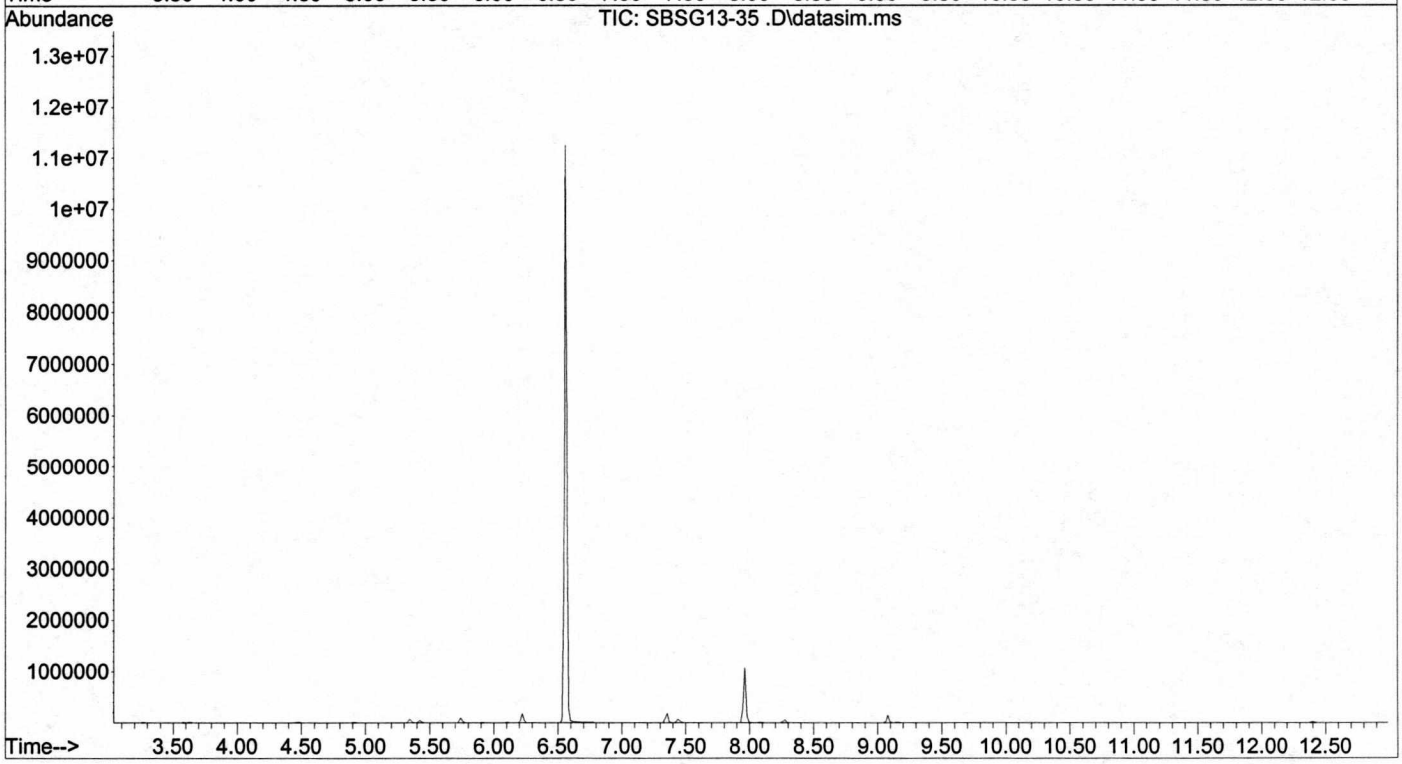
(#) = qualifier out of range (m) = manual integration (+) = signals summed

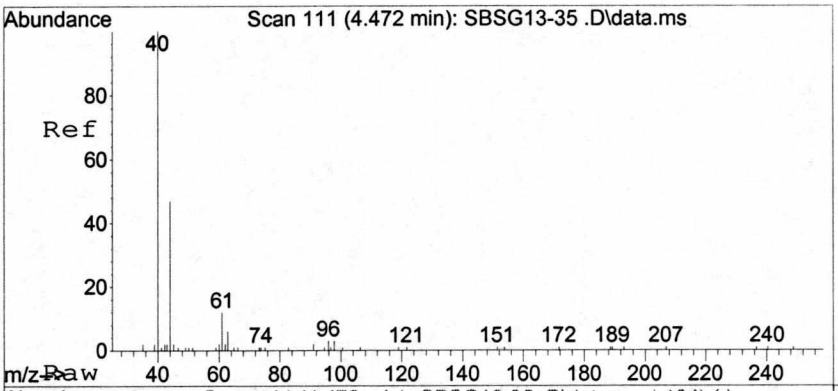
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-35 .D
Acq On : 30 Mar 2015 11:32
Operator : mm
Sample : E503140-05
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 23 10:52:36 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration



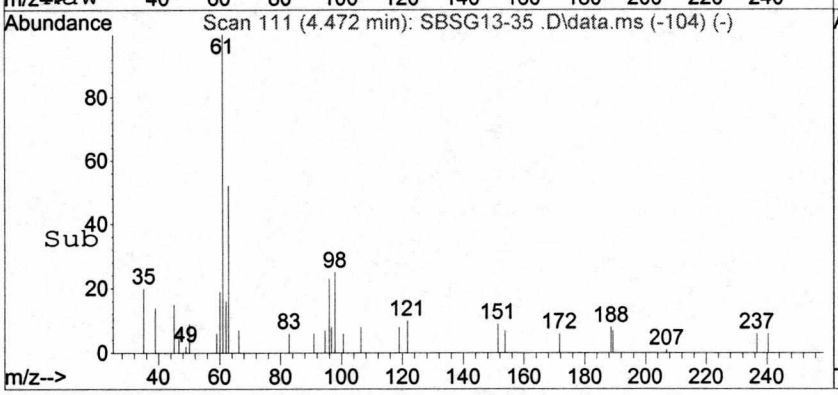


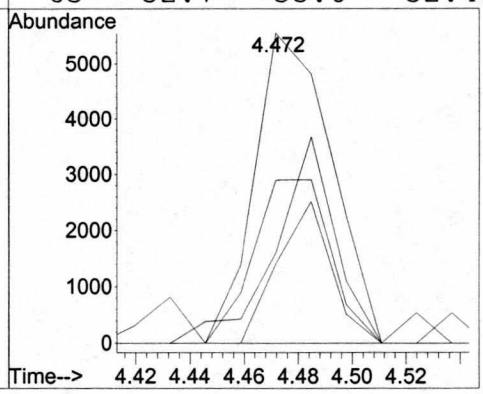


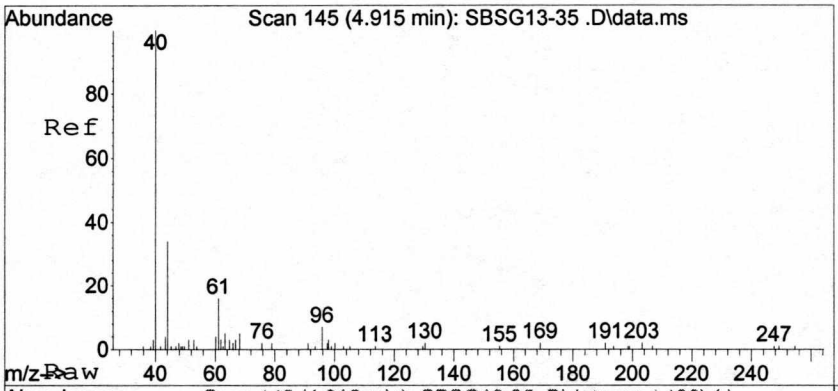
#18
1,1-Dichloroethene
Concen: 22.02 ppbv
RT: 4.472 min Scan# 111
Delta R.T. -0.013 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 61 Resp: 10972

Ion	Ratio	Lower	Upper
61	100		
96	51.3	58.7	88.1#
98	31.7	29.0	43.4
63	52.7	35.0	52.4#



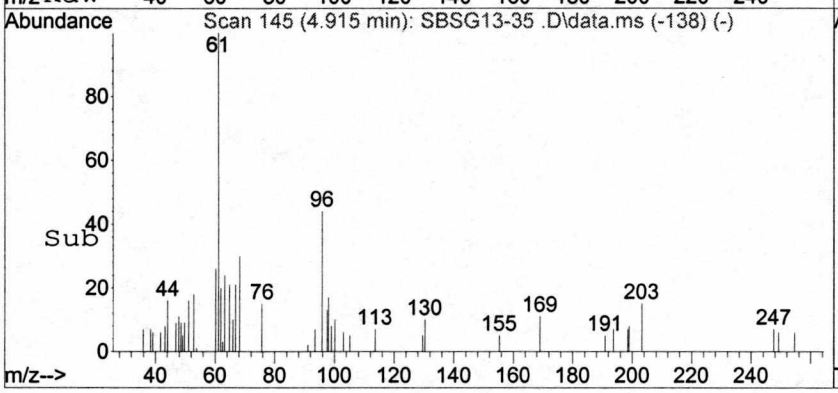


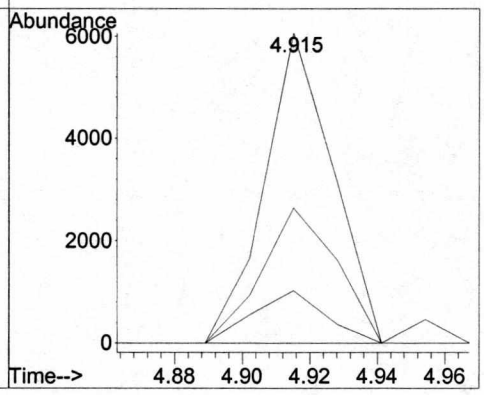


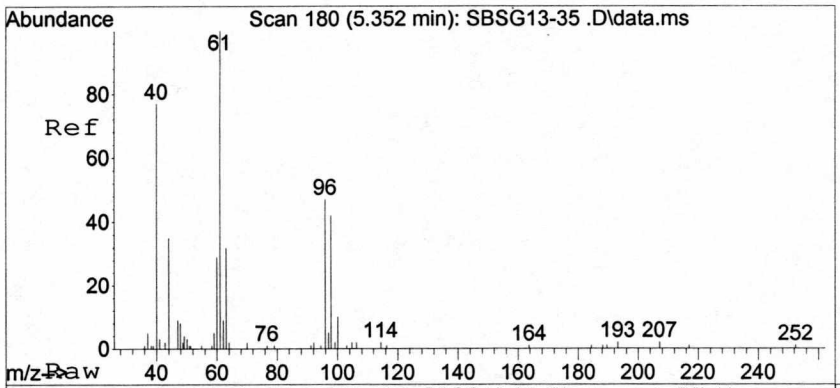
#23
trans-1,2-Dichloroethene
Concen: 18.11 ppbv
RT: 4.915 min Scan# 145
Delta R.T. -0.002 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 61 Resp: 8484

Ion	Ratio	Lower	Upper
61	100		
96	47.9	31.9	47.9#
98	17.9	26.8	40.2#



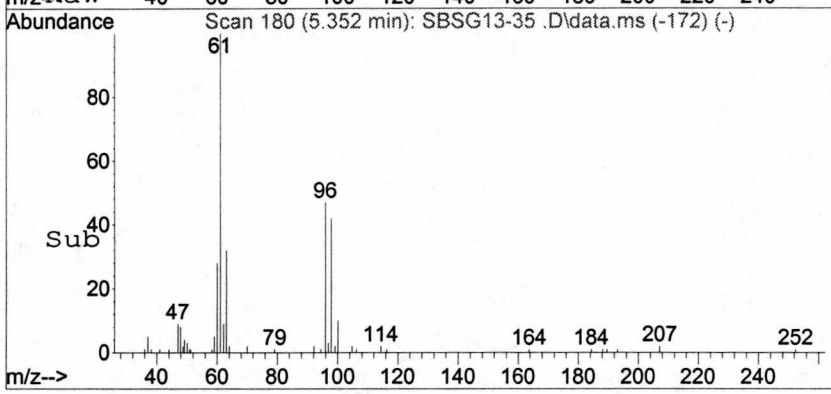


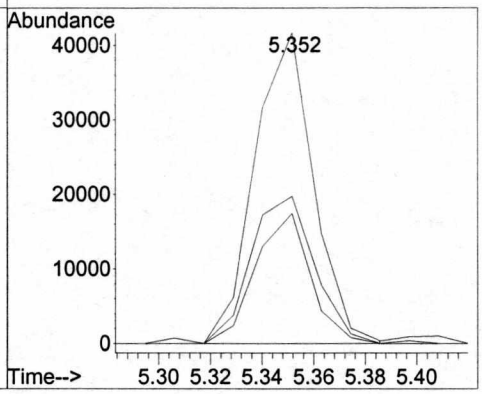


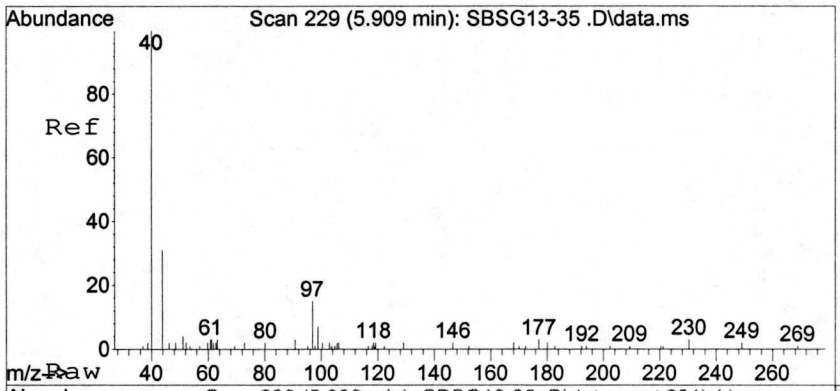
#28
cis-1,2-dichloroethene
Concen: 150.91 ppbv
RT: 5.352 min Scan# 180
Delta R.T. -0.011 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 61 Resp: 65954

Ion	Ratio	Lower	Upper
61	100		
96	51.6	46.5	69.7
98	39.4	17.4	26.0#



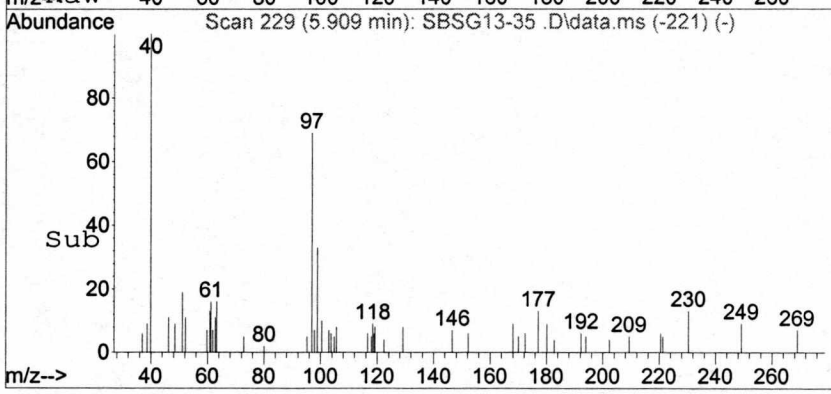


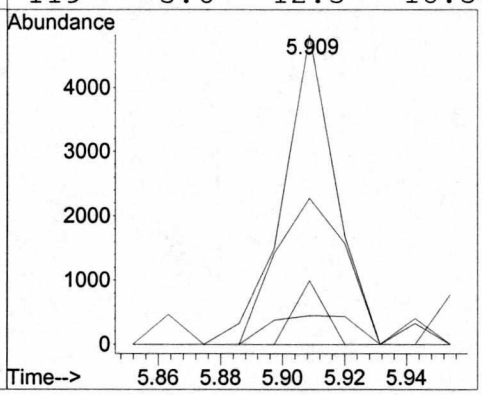


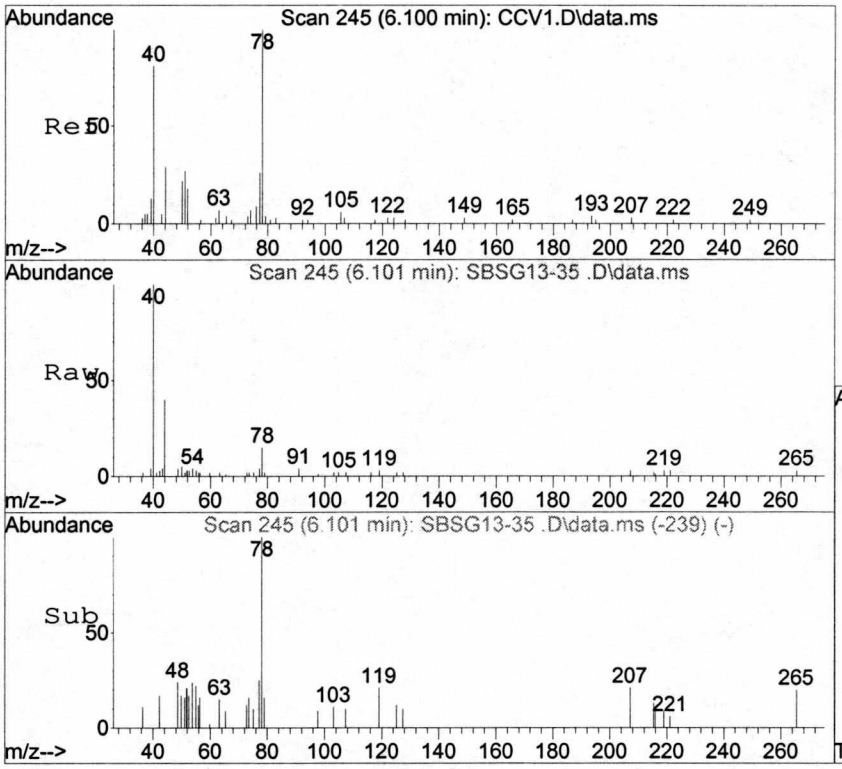
#38
1,1,1-Trichloroethane
Concen: 6.89 ppbv
RT: 5.909 min Scan# 229
Delta R.T. -0.011 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 97 Resp: 5672

Ion	Ratio	Lower	Upper
97	100		
99	63.3	57.8	86.8
117	15.1	6.7	10.1#
119	5.6	12.3	18.5#



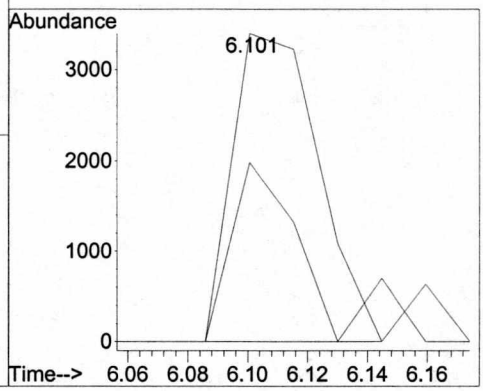


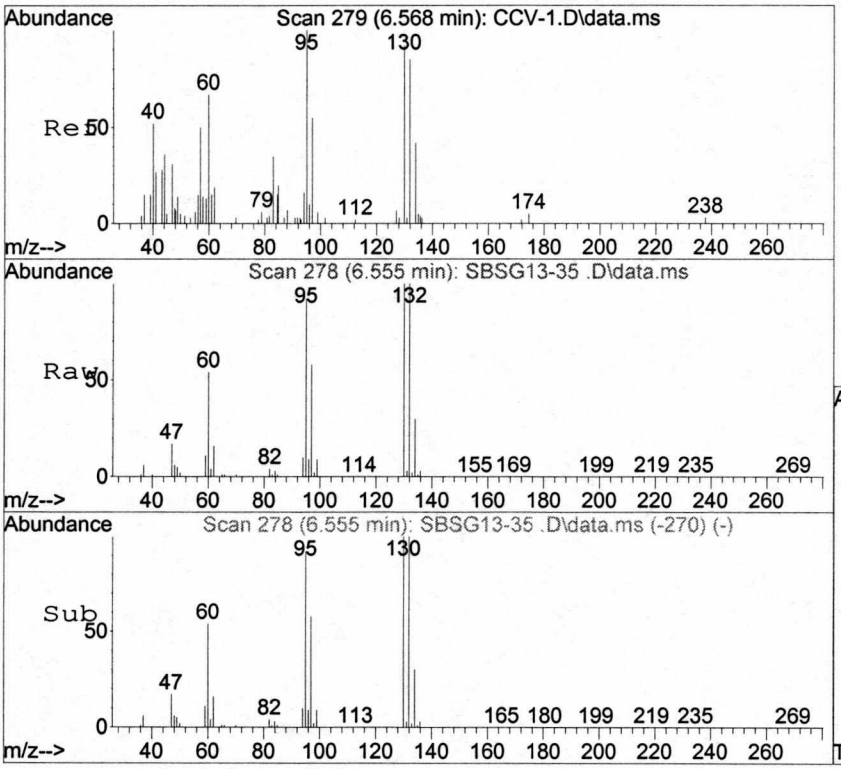


#40
Benzene
Concen: 9.89 ppbv
RT: 6.101 min Scan# 245
Delta R.T. -0.016 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 78 Resp: 6814

Ion	Ratio	Lower	Upper
78	100		
52	42.9	16.1	24.1#

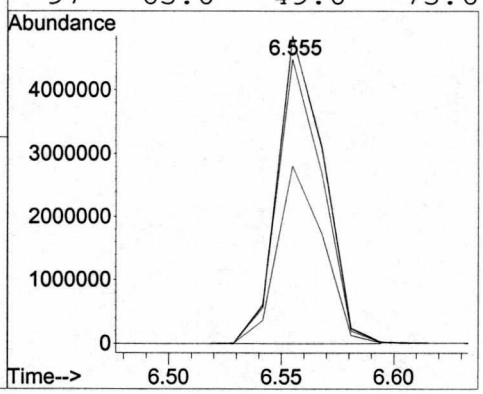


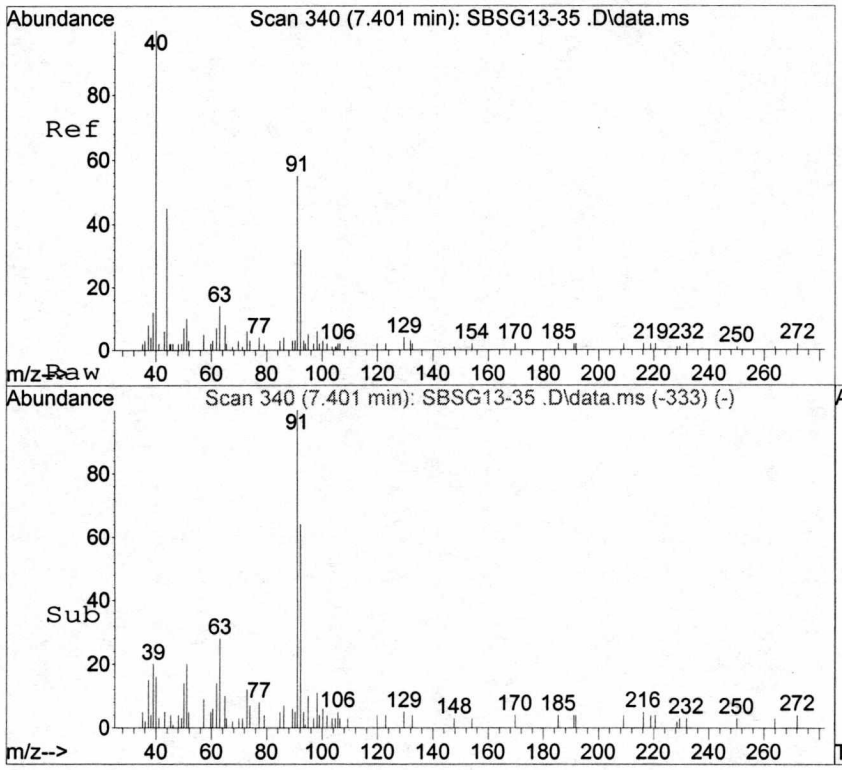


#48
Trichloroethene
Concen: 15617.03 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.003 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 95 Resp: 6270175

Ion	Ratio	Lower	Upper
95	100		
130	109.0	84.2	126.2
132	109.2	59.5	89.3#
97	63.0	49.0	73.6

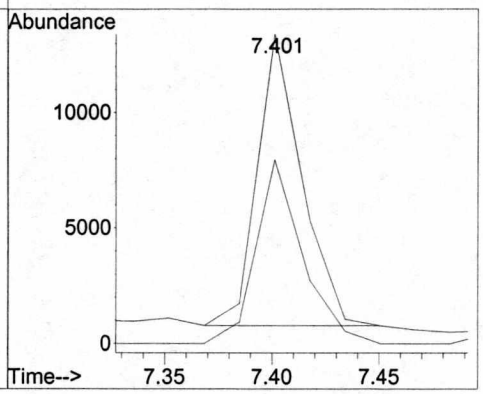


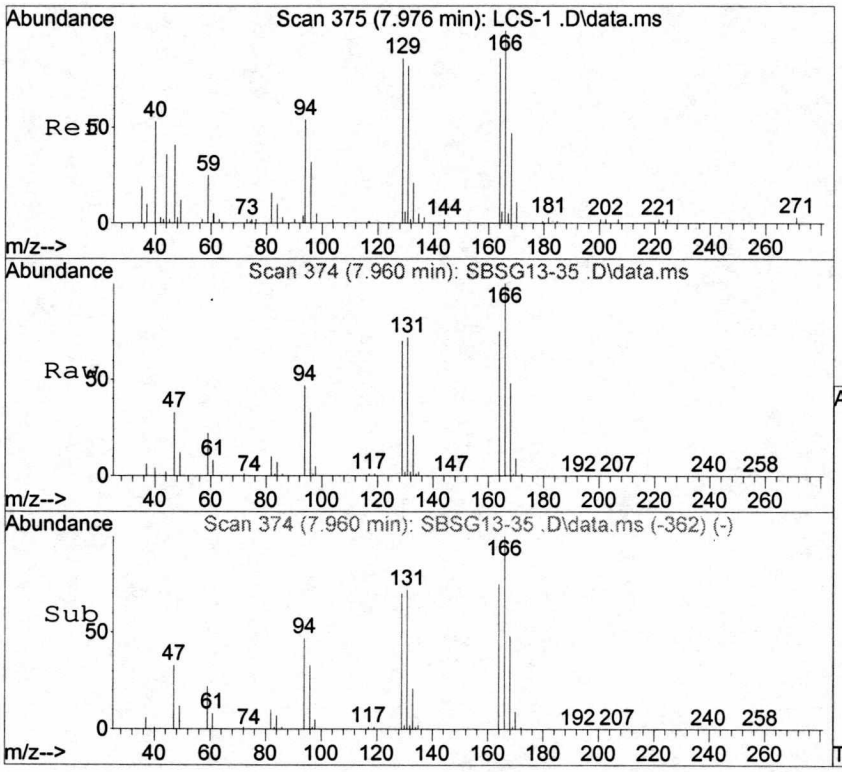


#58
Toluene
Concen: 16.96 ppbv
RT: 7.401 min Scan# 340
Delta R.T. 0.001 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 91 Resp: 18136

Ion	Ratio	Lower	Upper
91	100		
92	66.0	49.9	74.9

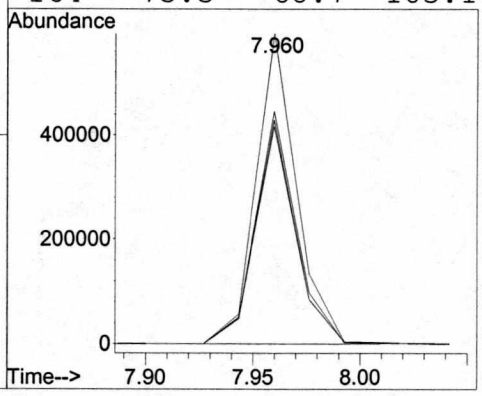


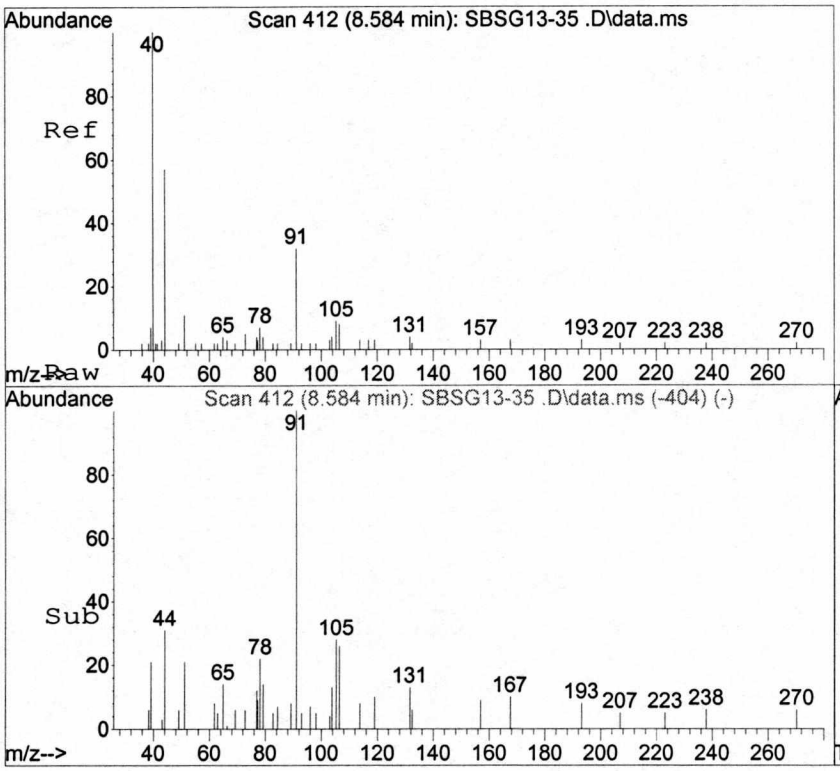


#62
Tetrachloroethene
Concen: 1358.96 ppbv
RT: 7.960 min Scan# 374
Delta R.T. 0.003 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion:166 Resp: 781267

Ion	Ratio	Lower	Upper
166	100		
131	71.9	65.7	98.5
129	70.1	68.8	103.2
164	75.3	68.7	103.1

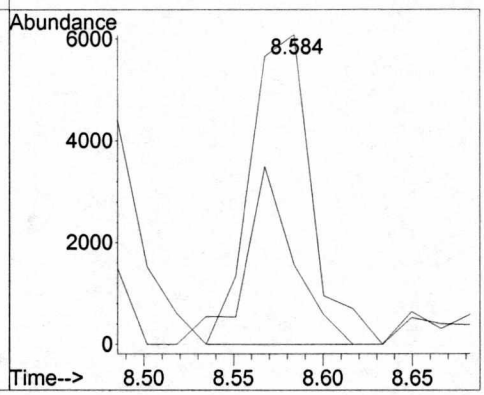


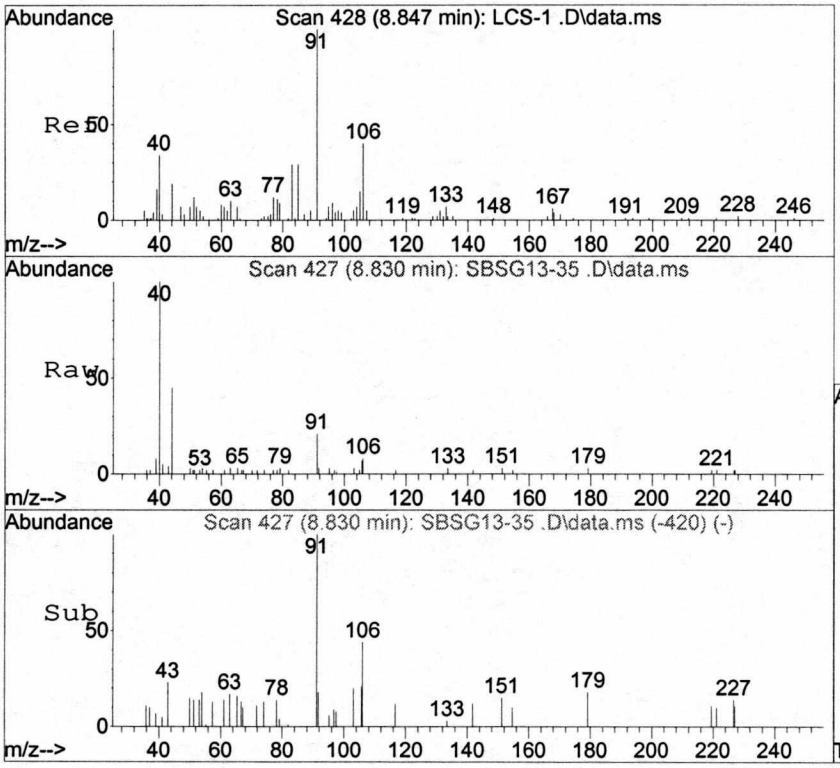


#67
m,p-xylene
Concen: 11.59 ppbv
RT: 8.584 min Scan# 412
Delta R.T. 0.017 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 91 Resp: 14509

Ion	Ratio	Lower	Upper
91	100		
106	45.6	32.6	49.0

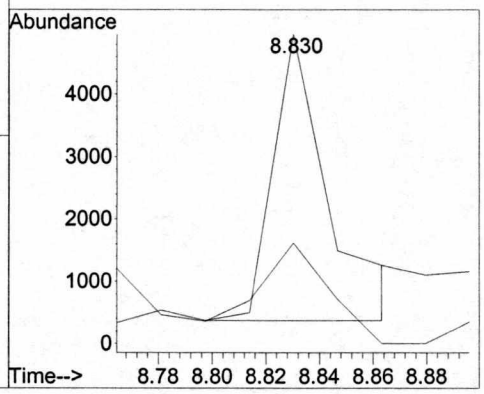




#71
o-xylene
Concen: 5.16 ppbv
RT: 8.830 min Scan# 427
Delta R.T. 0.000 min
Lab File: SBSG13-35 .D
Acq: 30 Mar 2015 11:32

Tgt Ion: 91 Resp: 6640

Ion	Ratio	Lower	Upper
91	100		
106	44.7	27.1	40.7#



Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-35 R.D
Acq On : 30 Mar 2015 11:55
Operator : mm
Sample : E503140-05
Misc : 20
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 30 12:09:49 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

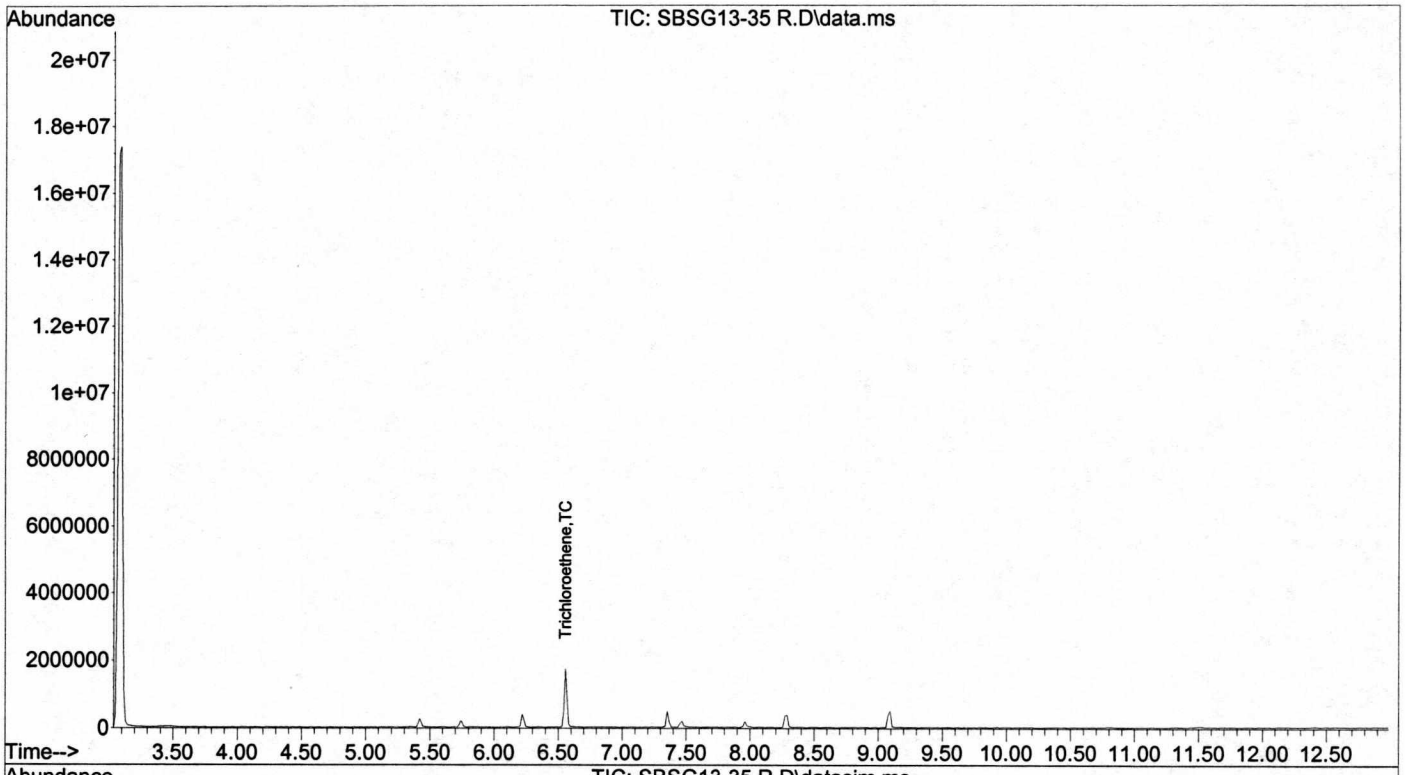
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.420	130	56847	209.00	ppbv	0.00
42) 1,4-Difluorobenzene	6.218	114	211420	209.00	ppbv	0.00
63) Chlorobenzene-d5	8.272	54	70234	209.00	ppbv	0.00
System Monitoring Compounds						
36) 1,2-Dichloroethane-d4	5.738	65	124818	253.18	ppbv	0.00
Spiked Amount 209.000			Recovery	=	121.14%	
56) Toluene-d8	7.352	98	214663	227.88	ppbv	0.00
Spiked Amount 209.000			Recovery	=	109.03%	
74) 1,4-Bromofluorobenzene	9.093	95	143430	180.28	ppbv	0.00
Spiked Amount 209.000			Recovery	=	86.26%	
Target Compounds						Qvalue
48) Trichloroethene	6.555	95	382649	1006.34	ppbv #	85

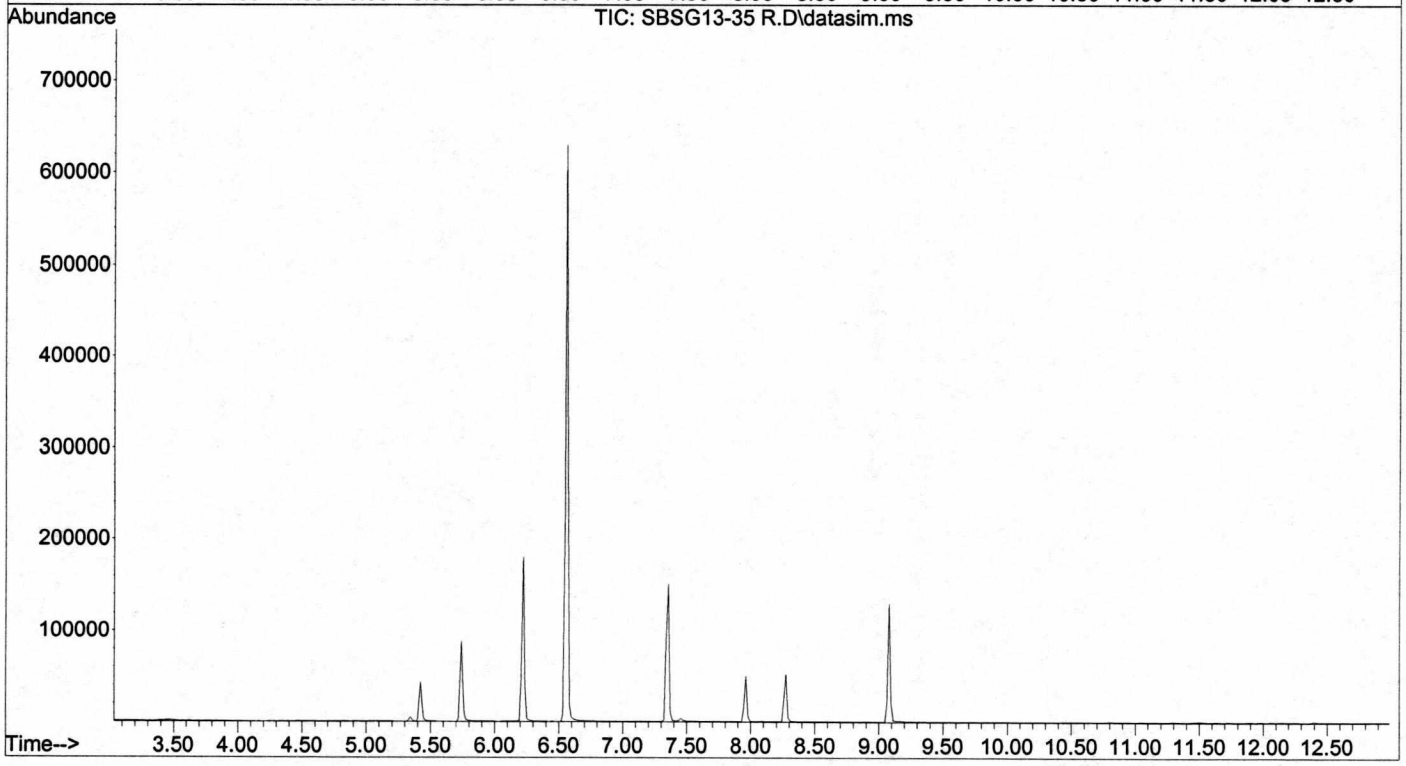
(#) = qualifier out of range (m) = manual integration (+) = signals summed

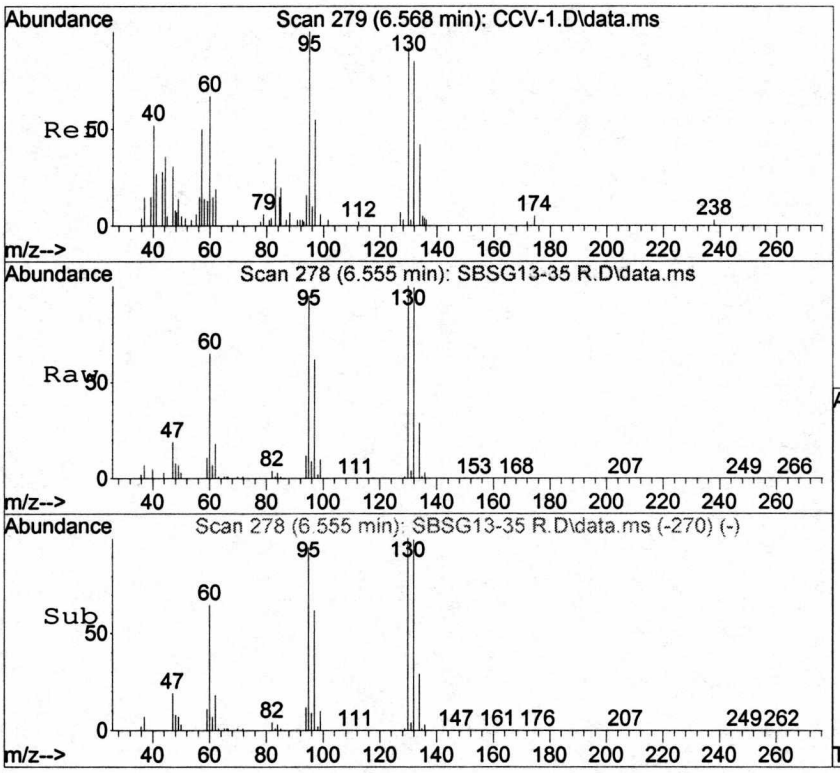
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : SBSG13-35 R.D
Acq On : 30 Mar 2015 11:55
Operator : mm
Sample : E503140-05
Misc : 20
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 30 12:09:49 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration



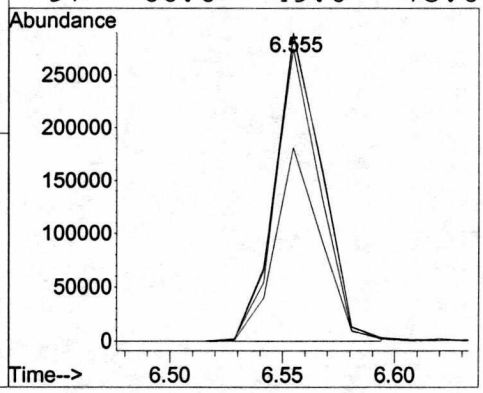




#48
Trichloroethene
Concen: 1006.34 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.003 min
Lab File: SBSG13-35 R.D
Acq: 30 Mar 2015 11:55

Tgt Ion: 95 Resp: 382649

Ion	Ratio	Lower	Upper
95	100		
130	108.6	84.2	126.2
132	106.1	59.5	89.3#
97	66.6	49.0	73.6



Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\033015\
Data File : LCS-1.D
Acq On : 30 Mar 2015 15:38
Operator : mm
Sample : ec53003-bs1
Misc : 1,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 30 15:52:22 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	95	0.00
2	T	1,1,1 Trifluoroethane	0.868	0.820	5.5	98	-0.03
3	T	1,1,1,2 Tetrafluoroethane	1.164	1.127	3.2	91	-0.01
4	T	1,1-Difluoroethane	1.148	1.048	8.7	95	-0.01
5	T	Propene	0.773	0.068	91.2#	11#	0.03
6	T	Dichlorodifluoromethane	3.007	2.809	6.6	111	0.00
7	T	Chloromethane	1.026	0.856	16.6	111	-0.01
8	T	Dichlorotetrafluoroethane	2.835	2.437	14.0	99	-0.01
9	T	Vinyl Chloride	0.945	0.769	18.6	82	-0.01
10	T	1,3-Butadiene~39	0.967	0.846	12.5	84	0.00
11	T	1,3-Butadiene~54	0.821	0.488	40.6#	62	0.03
12	T	Bromomethane	0.941	0.033	96.5#	5#	0.01
13	T	Chloroethane	0.455	0.420	7.7	124	-0.01
14	T	Ethanol	0.397	0.055	86.1#	15#	0.14
15	T	Trichlorofluoromethane	3.596	3.429	4.6	106	-0.01
16	T	Acetone	1.657	1.033	37.7#	67	0.00
17	T	Isopropyl alcohol	2.480	1.713	30.9#	72	0.00
18	T	1,1-Dichloroethene	1.740	1.428	17.9	87	-0.01
19	TC	tert-Butyl Alcohol	2.821	1.826	35.3#	73	-0.01
20	TC	Methylene Chloride	0.654	0.611	6.6	102	-0.01
21	TC	1,1,2-Trichlorotrifluoroeth	2.085	1.900	8.9	99	-0.01
22	TC	Carbon Disulfide	2.340	1.724	26.3	85	0.01
23	TC	trans-1,2-Dichloroethene	1.636	1.465	10.5	112	0.00
24	TC	1,1-Dichloroethane	1.980	1.627	17.8#	90	0.01
25	TC	Methyl tert-Butyl Ether	2.939	1.990	32.3#	78	-0.02
26	TC	Vinyl Acetate	3.995	2.816	29.5	93	-0.01
27	TC	2-Butanone	0.342	0.243	28.9	171#	-0.01
28	TC	cis-1,2-dichloroethene	1.526	1.222	19.9	79	-0.02
29	TC	Di-Isopropyl Ether	4.623	3.042	34.2#	77	-0.01
30	TC	Ethyl Acetate	5.744	3.743	34.8#	72	-0.01
31	TC	n-Hexane	1.472	1.358	7.7#	99	-0.01
32	TC	Chloroform	2.276	2.213	2.8	112	0.00
33		2,2 Dichloropropane	2.362	1.836	22.3	85	0.00
34	TC	Ethyl tert-Butyl Ether	3.734	2.492	33.3#	76	-0.01
35	TC	Tetrahydrofuran	0.343	0.239	30.3#	98	-0.01
36	S	1,2-Dichloroethane-d4	1.813	1.939	-6.9	102	0.00
37	TC	1,2-Dichloroethane	1.916	1.830	4.5	97	0.00
38	TC	1,1,1-Trichloroethane	2.872	2.511	12.6	96	-0.01
39		1,1-Dichloropropene	1.693	1.377	18.7	94	-0.01
40	TC	Benzene	2.405	1.701	29.3	89	0.00
41	TC	Carbon Tetrachloride	3.185	2.910	8.6	88	0.00
42	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
43	TC	Cyclohexane	0.314	0.230	26.8	57	0.06
44	TC	tert-Amyl Methyl Ether	0.815	0.786	3.6	98	0.00
45		Dibromomethane	0.328	0.324	1.2	91	0.02
46	TC	1,2-Dichloropropane	0.277	0.233	15.9	102	0.00
47	TC	Bromodichloromethane	0.744	0.851	-14.4#	101	0.00
48	TC	Trichloroethene	0.376	0.416	-10.6	81	0.00
49	TC	1,4-Dioxane	0.171	0.170	0.6	114	0.02

Evaluate Continuing Calibration Report

Data Path : C:\msdchem\1\DATA\033015\
Data File : LCS-1.D
Acq On : 30 Mar 2015 15:38
Operator : mm
Sample : ec53003-bs1
Misc : 1,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 30 15:52:22 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	TC	2,2,4-Trimethylpentane	1.381	1.251	9.4#	88	-0.01
51	TC	n-Heptane	0.226	0.202	10.6#	76	-0.01
52	TC	cis-1,3-Dichloropropene	0.487	0.416	14.6	90	0.00
53	TC	4-Methyl-2-Pentanone	0.905	0.694	23.3	80	0.00
54	TC	trans-1,3-Dichloropene	0.523	0.432	17.4	84	0.01
55	TC	1,1,2-Trichloroethane	0.316	0.267	15.5	79	0.00
56	S	Toluene-d8	0.931	0.966	-3.8	80	0.00
57		1,3 Dichloropropane	0.433	0.403	6.9	76	0.00
58	TC	Toluene	1.001	0.946	5.5#	89	0.00
59	TC	2-Hexanone	0.794	0.694	12.6#	90	0.02
60	TC	Dibromochloromethane	0.804	0.794	1.2#	92	0.00
61	TC	1,2-Dibromoethane	0.545	0.561	-2.9	96	0.00
62	TC	Tetrachloroethene	0.538	0.648	-20.4	139	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64	TC	1,1,1,2 Tetrachloroethane	1.687	2.334	-38.4#	117	0.00
65	TC	Chlorobenzene	2.561	2.310	9.8	80	0.00
66	TC	Ethylbenzene	4.562	3.692	19.1	71	0.00
67	TC	m,p-xylene	3.535	3.091	12.6	92	0.02
68	TC	Bromoform	2.706	2.841	-5.0#	105	0.02
69	TC	Styrene	2.595	1.820	29.9	70	0.00
70	TC	1,1,2,2-Tetrachloroethane	2.007	1.913	4.7	107	0.00
71	TC	o-xylene	3.634	3.259	10.3	83	0.00
72		1,2,3-Trichloropropane	1.826	2.009	-10.0	111	0.00
73		Isopropylbenzene	4.912	4.457	9.3	82	0.00
74	S	1,4-Bromofluorobenzene	2.368	2.184	7.8	73	0.00
75		Bromobenzene	1.852	1.733	6.4	89	0.00
76		2-Chlorotoluene	1.313	0.934	28.9	64	0.00
77		n-Propylbenzene	12.058	7.541	37.5#	74	0.00
78		4-Chlorotoluene	1.010	0.903	10.6	83	0.00
79	TC	4-Ethyltoluene	4.729	3.805	19.5#	86	0.03
80	TC	1,3,5-Trimethylbenzene	4.107	2.438	40.6#	59	0.02
81	TC	1,2,4-Trimethylbenzene	3.980	2.994	24.8	76	0.02
82		tert-Butylbenzene	4.530	3.799	16.1	89	0.00
83	TC	Benzyl Chloride	3.844	2.410	37.3#	74	0.00
84	TC	1,3-Dichlorobenzene	3.392	3.042	10.3#	91	0.00
85	TC	1,4-Dichlorobenzene	2.633	2.473	6.1	119	0.02
86		sec-Butylbenzene	5.526	3.734	32.4#	66	0.00
87	TC	p-Isopropyltoluene	5.075	3.339	34.2#	71	0.00
88	TC	1,2-Dichlorobenzene	2.667	2.405	9.8	96	0.00
89		n-Butylbenzene	3.839	2.525	34.2#	56	0.00
90		1,2 Dibromo-3-chloropropane	1.523	1.122	26.3	69	0.00
91	TC	1,2,4-Trichlorobenzene	2.044	1.793	12.3#	98	0.00
92	TC	Naphthalene	4.086	3.014	26.2	90	0.00
93		1,2,3-Trichlorobenzene	1.714	1.631	4.8	100	0.00
94	TC	Hexachlorobutadiene	1.655	1.264	23.6	92	0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 22

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : LCS-1.D
Acq On : 30 Mar 2015 15:38
Operator : mm
Sample : ec53003-bs1
Misc : 1,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 30 15:52:22 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.420	130	63577	209.00	ppbv	0.00
42) 1,4-Difluorobenzene	6.218	114	192972	209.00	ppbv	0.00
63) Chlorobenzene-d5	8.272	54	56626	209.00	ppbv	0.00
System Monitoring Compounds						
36) 1,2-Dichloroethane-d4	5.738	65	123295	223.62	ppbv	0.00
Spiked Amount 209.000			Recovery	=	107.00%	
56) Toluene-d8	7.352	98	186411	216.81	ppbv	0.00
Spiked Amount 209.000			Recovery	=	103.74%	
74) 1,4-Bromofluorobenzene	9.093	95	123699	192.84	ppbv	0.00
Spiked Amount 209.000			Recovery	=	92.27%	

Target Compounds						Qvalue
2) 1,1,1 Trifluoroethane	3.115	65	12475	47.23	ppbv #	1
3) 1,1,1,2 Tetrafluoroethane	3.154	83	17147	48.43	ppbv #	1
4) 1,1-Difluoroethane	3.194	51	15942	45.63	ppbv #	86
6) Dichlorodifluoromethane	3.298	85	42719	46.70	ppbv	97
7) Chloromethane	3.402	50	13024	41.73	ppbv #	28
8) Dichlorotetrafluoroethane	3.454	85	37064	42.97	ppbv	98
9) Vinyl Chloride	3.520	62	11703	40.72	ppbv	92
10) 1,3-Butadiene~39	3.598	39	12865	43.74	ppbv #	86
11) 1,3-Butadiene~54	3.598	54	7429	29.76	ppbv #	86
13) Chloroethane	3.832	64	6391	46.18	ppbv #	74
14) Ethanol	4.080	45	833	6.89	ppbv #	100
15) Trichlorofluoromethane	4.185	101	52151	47.67	ppbv	99
16) Acetone	4.185	43	15718	31.18	ppbv #	77
17) Isopropyl alcohol	4.250	45	26049	34.54	ppbv #	55
18) 1,1-Dichloroethene	4.471	61	21727	41.06	ppbv #	76
19) tert-Butyl Alcohol	4.498	59	27777	32.37	ppbv #	77
20) Methylene Chloride	4.511	84	9295	46.73	ppbv #	52
21) 1,1,2-Trichlorotrifluo...	4.628	101	28893	45.55	ppbv #	78
22) Carbon Disulfide	4.693	76	26229	36.85	ppbv #	87
23) trans-1,2-Dichloroethene	4.915	61	22279	44.77	ppbv #	88
24) 1,1-Dichloroethane	5.006	63	24746	41.09	ppbv #	88
25) Methyl tert-Butyl Ether	5.019	73	30262	33.85	ppbv #	80
26) Vinyl Acetate	5.032	43	42832	35.24	ppbv #	95
27) 2-Butanone	5.189	72	3694	35.51	ppbv #	1
28) cis-1,2-dichloroethene	5.340	61	18583	40.04	ppbv #	82
29) Di-Isopropyl Ether	5.408	45	46272	32.91	ppbv #	41
30) Ethyl Acetate	5.420	43	56932	32.58	ppbv #	96
31) n-Hexane	5.431	57	20651	46.13	ppbv	92
32) Chloroform	5.465	83	33660	48.61	ppbv #	63
33) 2,2 Dichloropropane	5.499	77	27928	38.87	ppbv #	88
34) Ethyl tert-Butyl Ether	5.636	59	37910	33.38	ppbv #	86
35) Tetrahydrofuran	5.681	71	3633	34.83	ppbv #	62
37) 1,2-Dichloroethane	5.783	62	27831	47.74	ppbv #	94
38) 1,1,1-Trichloroethane	5.908	97	38187	43.71	ppbv #	97
39) 1,1-Dichloropropene	6.033	75	20949	40.67	ppbv	91
40) Benzene	6.115	78	25878	35.37	ppbv #	64
41) Carbon Tetrachloride	6.174	117	44262	45.68	ppbv #	91
43) Cyclohexane	6.233	84	10595	36.55	ppbv #	21
44) tert-Amyl Methyl Ether	6.346	73	36288	48.20	ppbv #	78
45) Dibromomethane	6.450	93	14954	49.44	ppbv #	65
46) 1,2-Dichloropropane	6.463	63	10742	41.99	ppbv #	55

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : LCS-1.D
Acq On : 30 Mar 2015 15:38
Operator : mm
Sample : ec53003-bs1
Misc : 1,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 30 15:52:22 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration

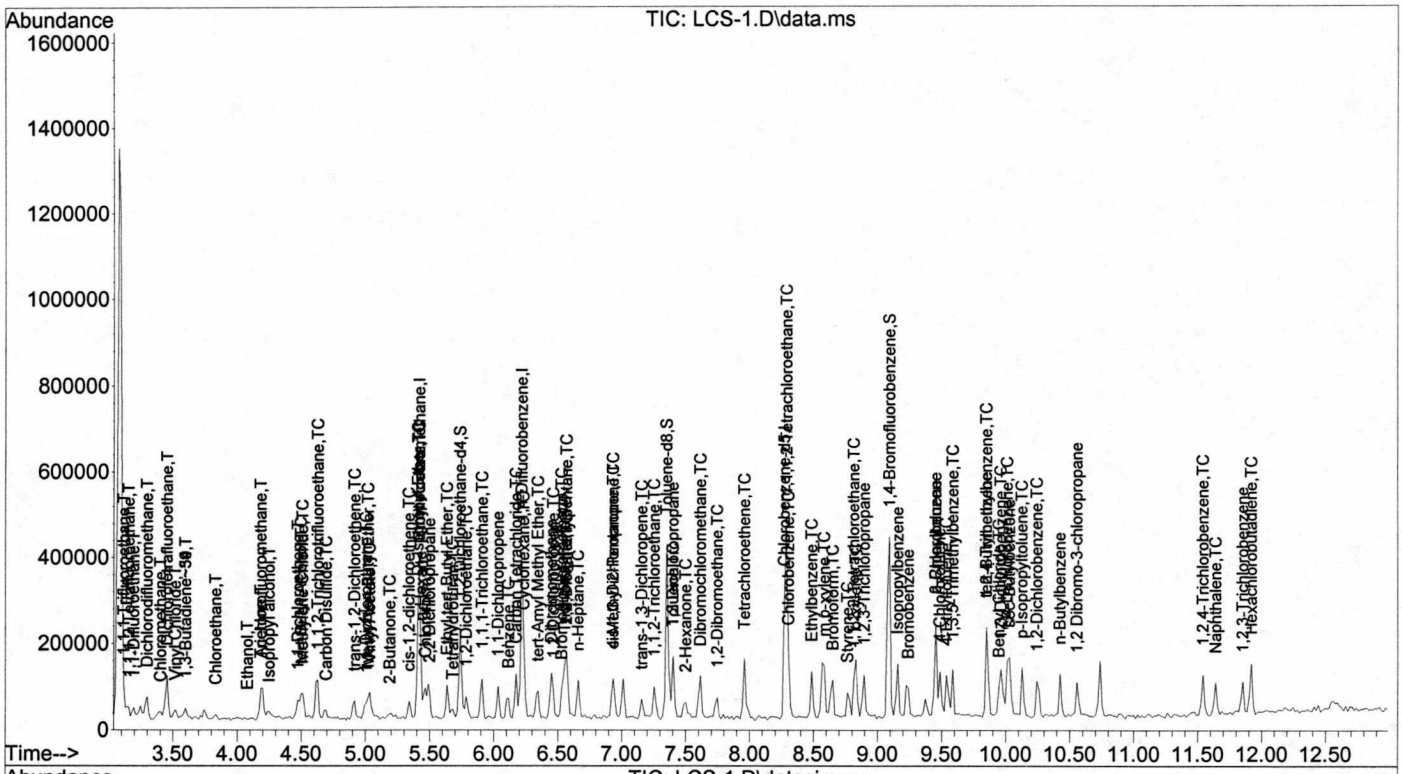
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
47) Bromodichloromethane	6.529	83	39276	57.19 ppbv	89
48) Trichloroethene	6.555	95	19193	55.30 ppbv #	84
49) 1,4-Dioxane	6.568	58	7855	49.80 ppbv #	74
50) 2,2,4-Trimethylpentane	6.568	57	57750	45.29 ppbv	100
51) n-Heptane	6.659	71	9322	44.60 ppbv #	70
52) cis-1,3-Dichloropropene	6.933	75	19191	42.71 ppbv #	90
53) 4-Methyl-2-Pentanone	6.933	43	32046	38.36 ppbv #	85
54) trans-1,3-Dichloropene	7.155	75	19925	41.29 ppbv #	82
55) 1,1,2-Trichloroethane	7.253	97	12348	42.29 ppbv #	35
57) 1,3 Dichloropropane	7.401	76	18583	46.51 ppbv #	86
58) Toluene	7.401	91	43665	47.25 ppbv	90
59) 2-Hexanone	7.500	43	32060	43.71 ppbv #	79
60) Dibromochloromethane	7.615	129	36634	49.34 ppbv #	93
61) 1,2-Dibromoethane	7.746	107	25898	51.49 ppbv	85
62) Tetrachloroethene	7.960	166	29899	60.16 ppbv	87
64) 1,1,1,2 Tetrachloroethane	8.288	131	31623	69.18 ppbv	87
65) Chlorobenzene	8.304	112	31295	45.11 ppbv #	85
66) Ethylbenzene	8.485	91	50021	40.47 ppbv #	89
67) m,p-xylene	8.584	91	83751	87.45 ppbv	100
68) Bromoform	8.649	173	38490	52.50 ppbv	93
69) Styrene	8.764	104	24650	35.06 ppbv #	90
70) 1,1,2,2-Tetrachloroethane	8.814	83	25920	47.68 ppbv #	79
71) o-xylene	8.830	91	44149	44.84 ppbv #	79
72) 1,2,3-Trichloropropane	8.896	75	27221	55.02 ppbv #	88
73) Isopropylbenzene	9.159	105	60378	45.37 ppbv #	77
75) Bromobenzene	9.241	156	23475	46.78 ppbv #	55
76) 2-Chlorotoluene	9.454	126	12649	35.56 ppbv	93
77) n-Propylbenzene	9.454	91	102154	31.27 ppbv	94
78) 4-Chlorotoluene	9.487	126	12238	44.73 ppbv #	1
79) 4-Ethyltoluene	9.536	105	51540	40.23 ppbv #	84
80) 1,3,5-Trimethylbenzene	9.586	105	33034	29.69 ppbv	97
81) 1,2,4-Trimethylbenzene	9.848	105	40555	37.61 ppbv	92
82) tert-Butylbenzene	9.848	119	51465	41.93 ppbv	94
83) Benzyl Chloride	9.947	91	32644	31.35 ppbv #	88
84) 1,3-Dichlorobenzene	9.963	146	41211	44.84 ppbv	97
85) 1,4-Dichlorobenzene	10.013	146	33507	46.97 ppbv #	86
86) sec-Butylbenzene	10.029	105	50589	33.79 ppbv	96
87) p-Isopropyltoluene	10.128	119	45237	32.90 ppbv	95
88) 1,2-Dichlorobenzene	10.243	146	32583	45.09 ppbv	94
89) n-Butylbenzene	10.423	91	34204	32.89 ppbv	94
90) 1,2 Dibromo-3-chloropr...	10.555	75	15200	36.85 ppbv #	49
91) 1,2,4-Trichlorobenzene	11.540	180	24289	43.86 ppbv #	90
92) Naphthalene	11.639	128	40827	36.88 ppbv #	94
93) 1,2,3-Trichlorobenzene	11.852	180	22099	47.60 ppbv	93
94) Hexachlorobutadiene	11.918	225	17120	38.19 ppbv #	88

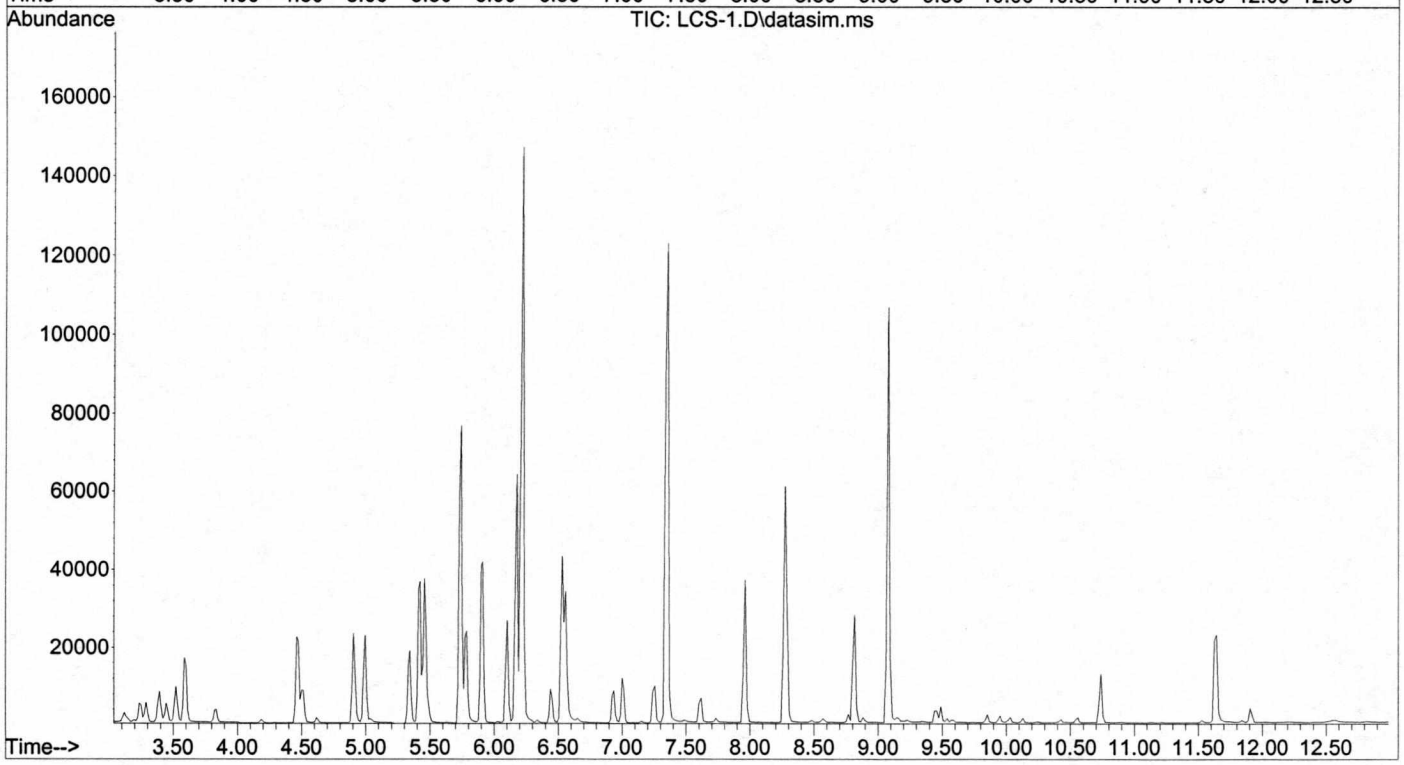
(#) = qualifier out of range (m) = manual integration (+) = signals summed

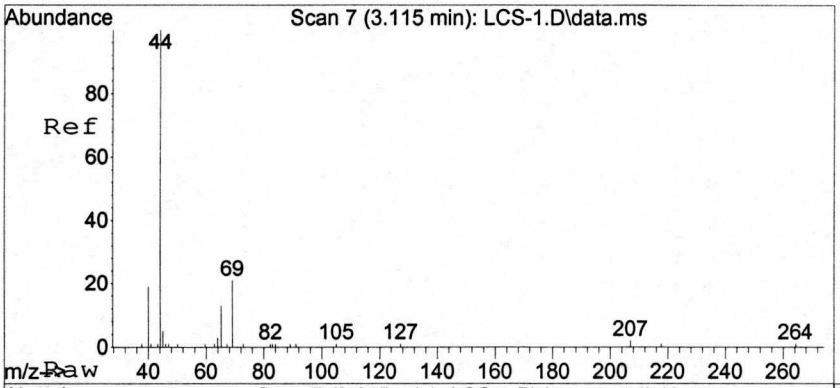
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\033015\
Data File : LCS-1.D
Acq On : 30 Mar 2015 15:38
Operator : mm
Sample : ec53003-bs1
Misc : 1,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 30 15:52:22 2015
Quant Method : C:\msdchem\1\METHODS\022015VOC_TO15 .M
Quant Title : TO-15 SV GC/MS#10
QLast Update : Mon Mar 30 07:48:49 2015
Response via : Initial Calibration



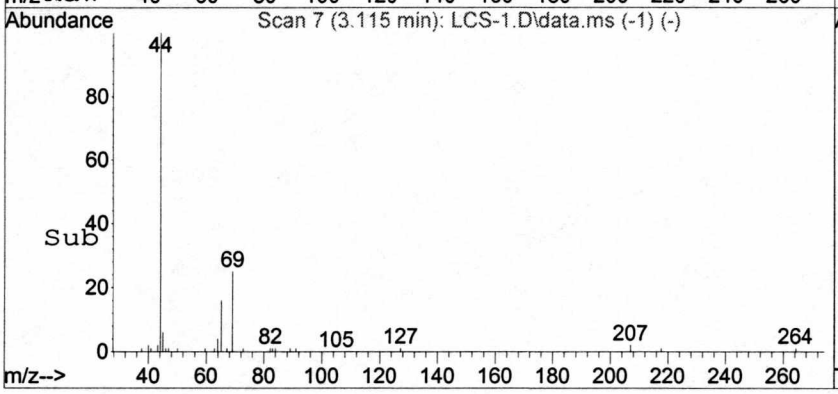


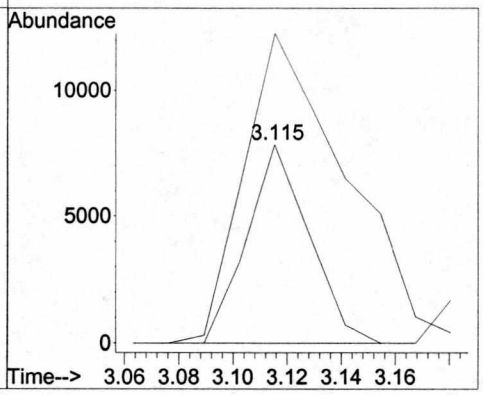


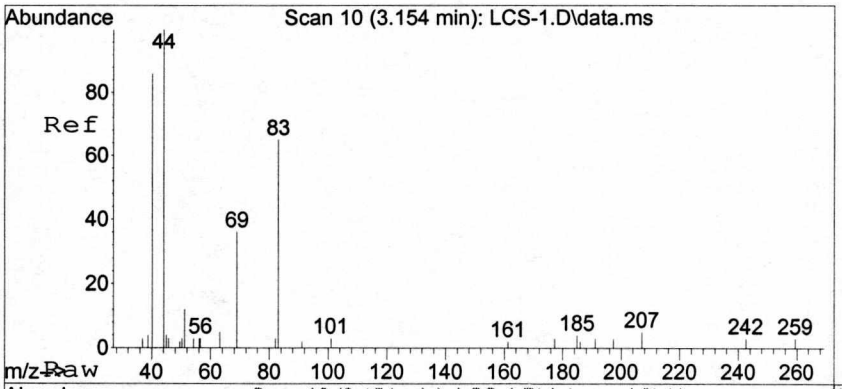
#2
1,1,1 Trifluoroethane
Concen: 47.23 ppbv
RT: 3.115 min Scan# 7
Delta R.T. -0.026 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 65 Resp: 12475

Ion	Ratio	Lower	Upper
65	100		
69	260.1	111.8	167.6#



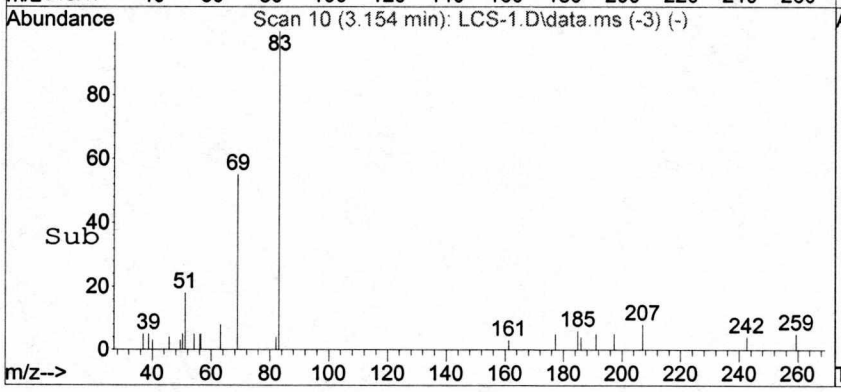


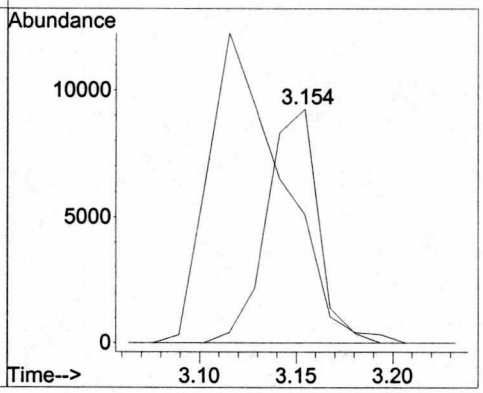


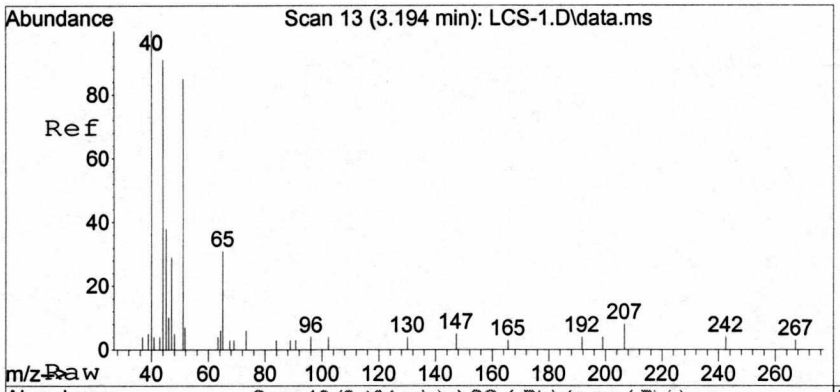
#3
1,1,1,2 Tetrafluoroethane
Concen: 48.43 ppbv
RT: 3.154 min Scan# 10
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 83 Resp: 17147

Ion	Ratio	Lower	Upper
83	100		
69	187.8	46.4	69.6#



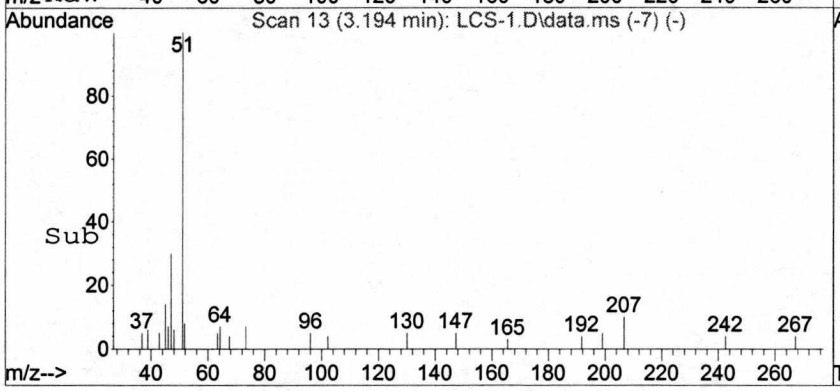


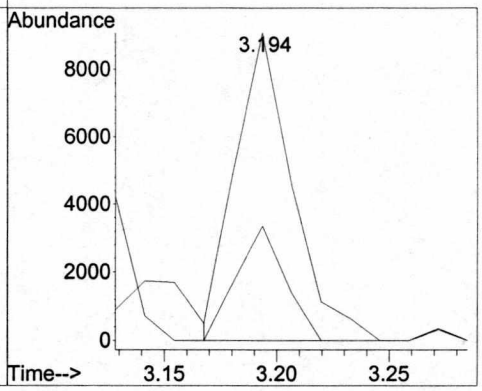


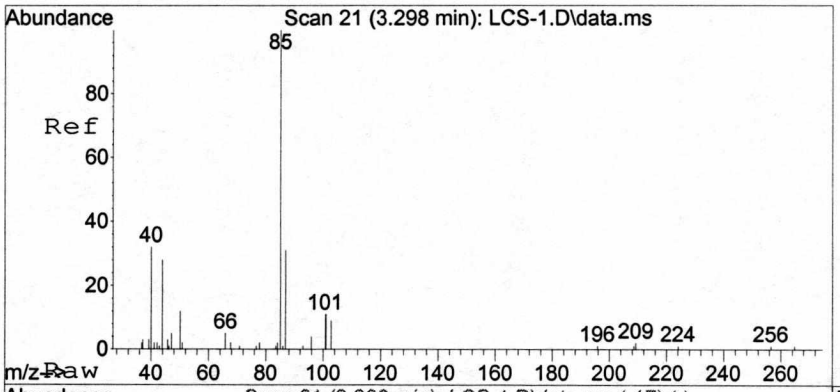
#4
1,1-Difluoroethane
Concen: 45.63 ppbv
RT: 3.194 min Scan# 13
Delta R.T. -0.026 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 51 Resp: 15942

Ion	Ratio	Lower	Upper
51	100		
65	31.5	19.8	29.6#



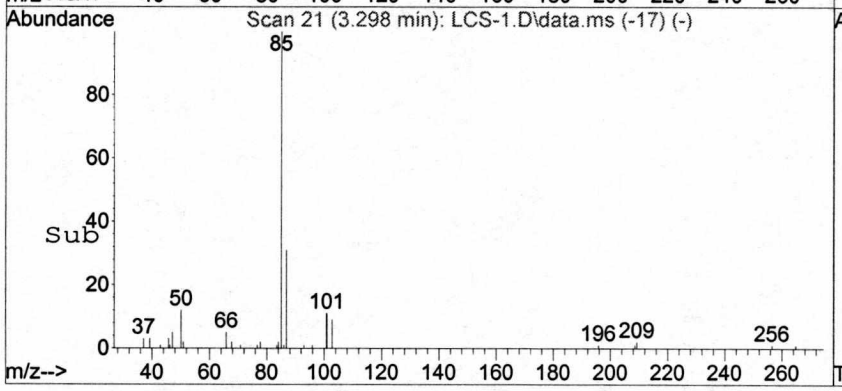


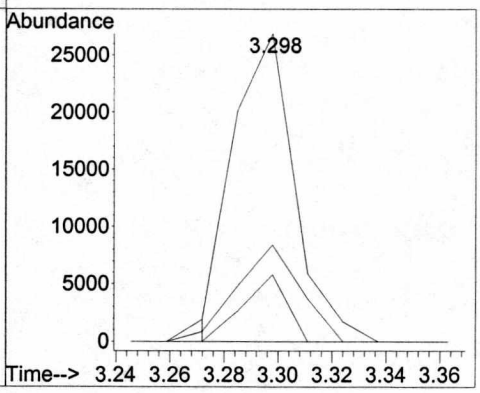


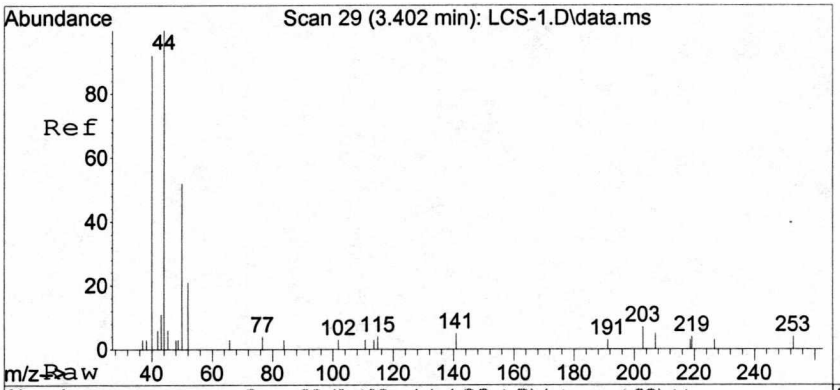
#6
Dichlorodifluoromethane
Concen: 46.70 ppbv
RT: 3.298 min Scan# 21
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 85 Resp: 42719

Ion	Ratio	Lower	Upper
85	100		
87	30.9	23.4	35.0
101	15.4	11.2	16.8



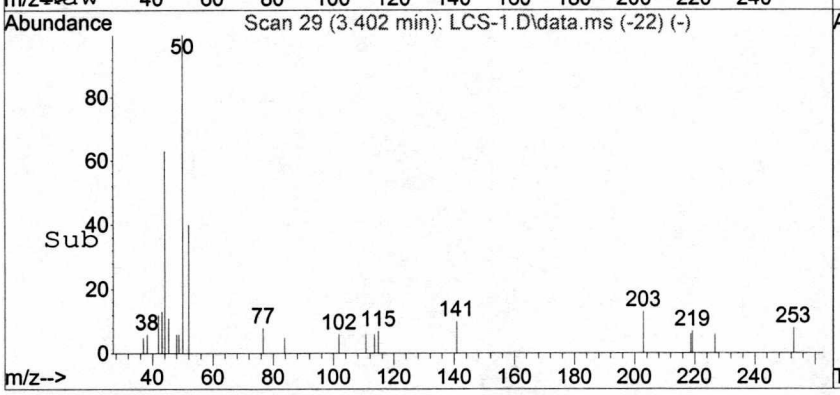


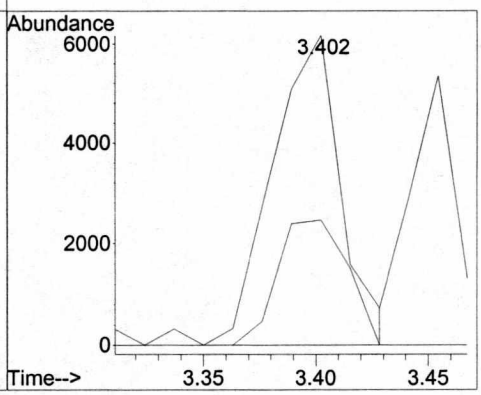


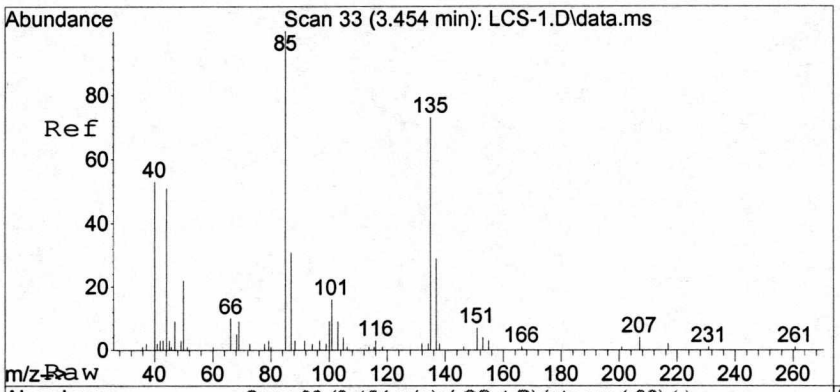
#7
Chloromethane
Concen: 41.73 ppbv
RT: 3.402 min Scan# 29
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 50 Resp: 13024

Ion	Ratio	Lower	Upper
50	100		
52	41.2	10.2	15.4#



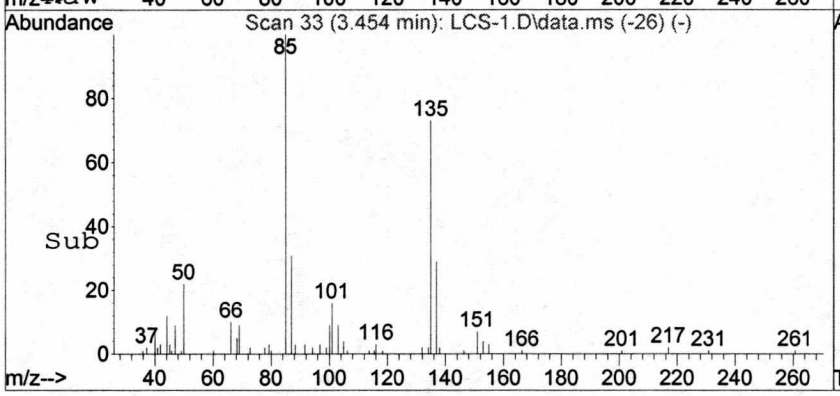


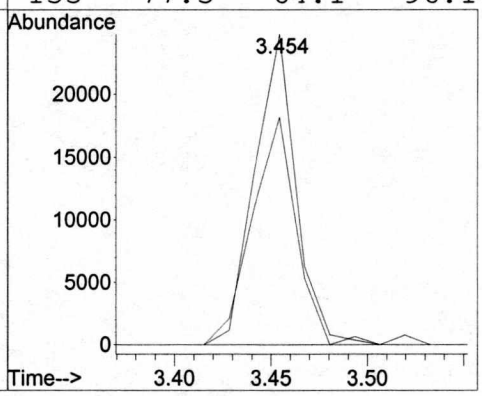


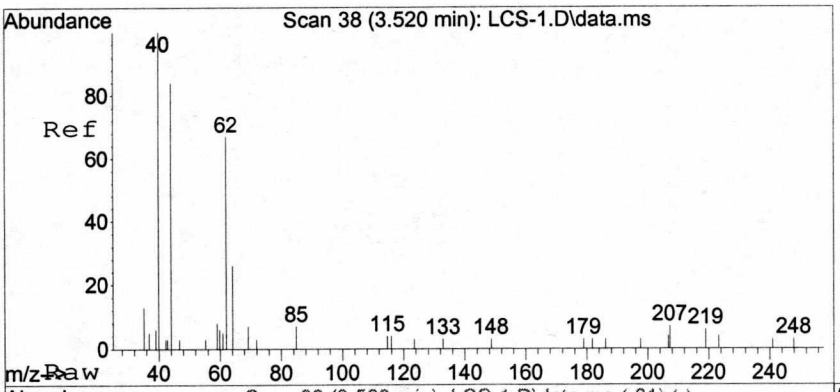
#8
Dichlorotetrafluoroethane
Concen: 42.97 ppbv
RT: 3.454 min Scan# 33
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 85 Resp: 37064

Ion	Ratio	Lower	Upper
85	100		
135	77.3	64.1	96.1
85	100.0	80.0	120.0
135	77.3	64.1	96.1



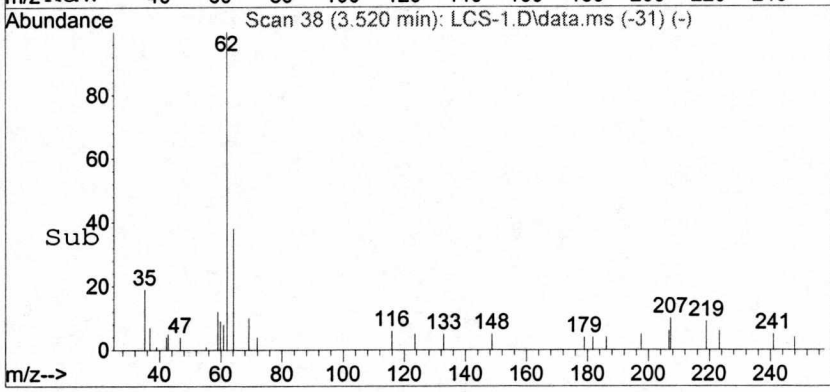


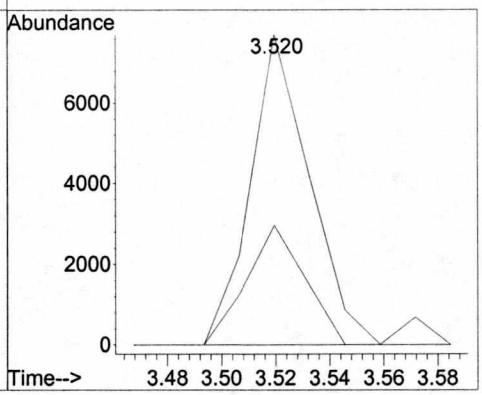


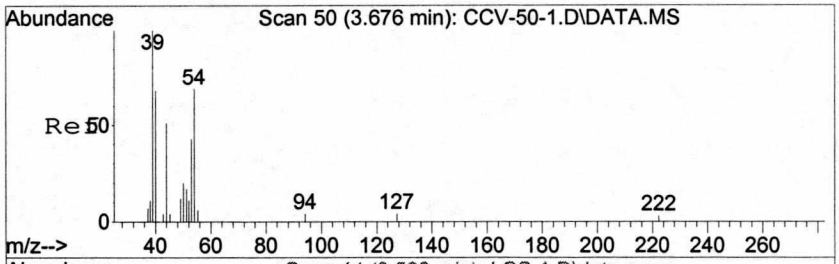
#9
Vinyl Chloride
Concen: 40.72 ppbv
RT: 3.520 min Scan# 38
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

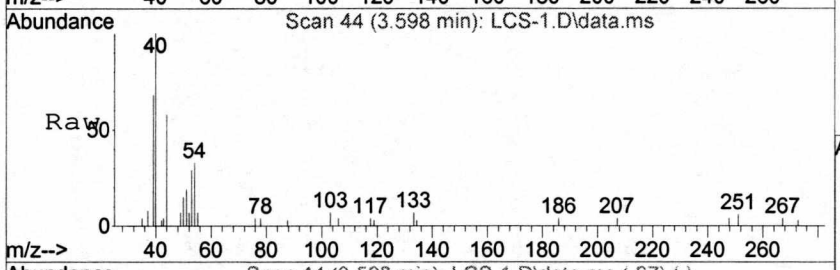
Tgt Ion: 62 Resp: 11703

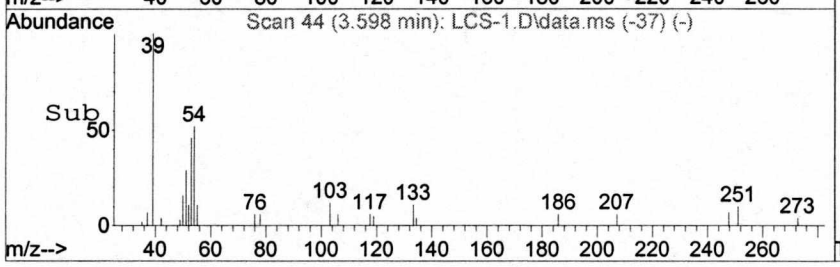
Ion	Ratio	Lower	Upper
62	100		
64	38.0	26.6	39.8







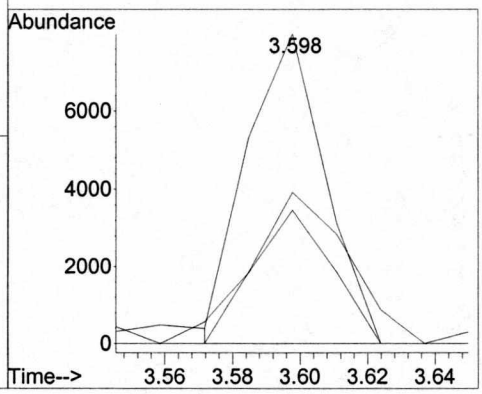


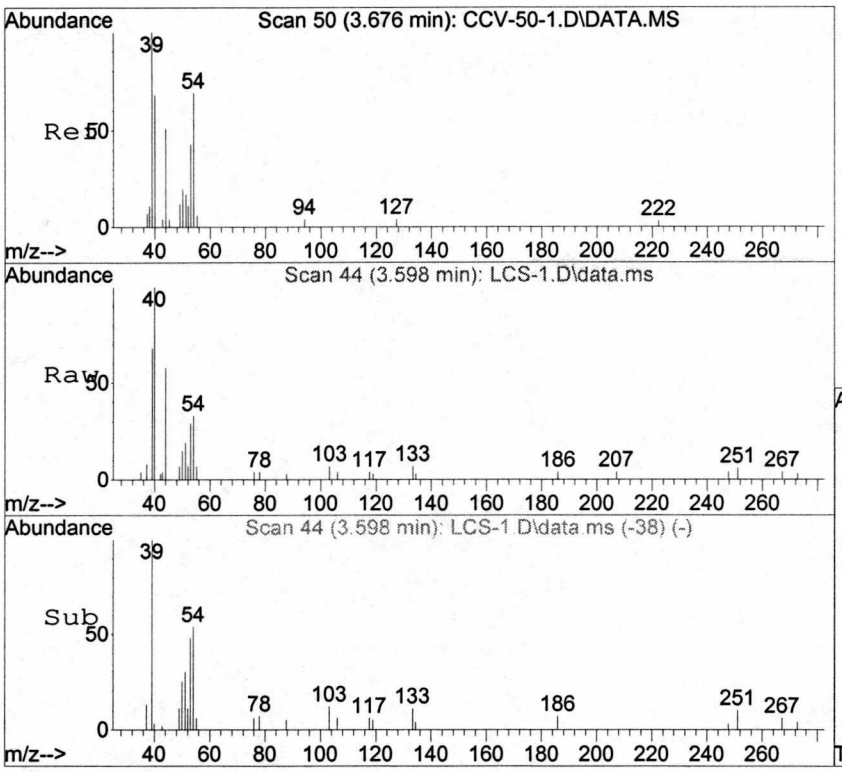


#10
1,3-Butadiene~39
Concen: 43.74 ppbv
RT: 3.598 min Scan# 44
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 39 Resp: 12865

Ion	Ratio	Lower	Upper
39	100		
54	57.7	42.2	63.4
53	46.9	26.4	39.6#

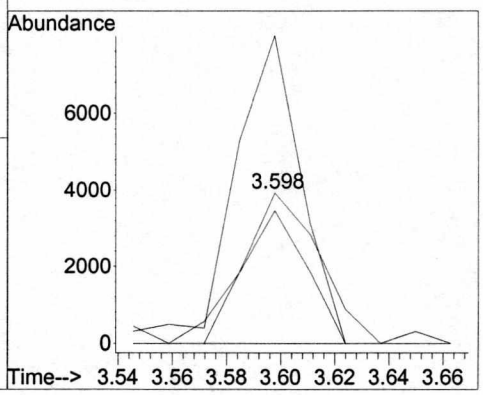


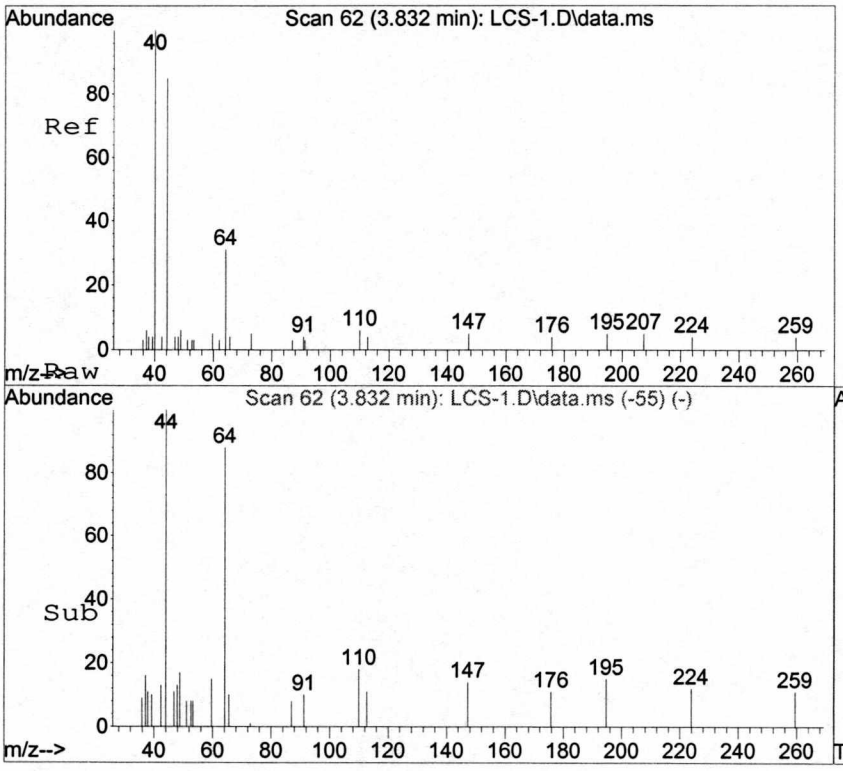


#11
1,3-Butadiene~54
Concen: 29.76 ppbv
RT: 3.598 min Scan# 44
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 54 Resp: 7429

Ion	Ratio	Lower	Upper
54	100		
39	173.2	151.6	227.4
53	81.3	50.0	75.0#

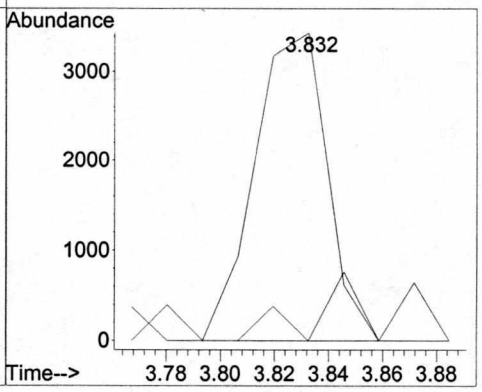


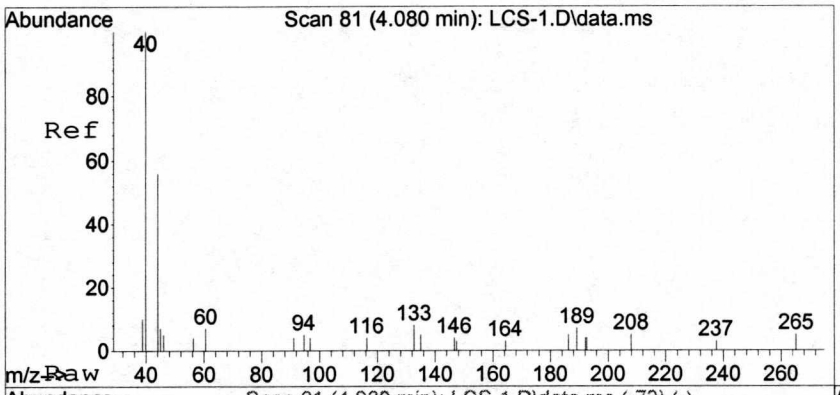


#13
Chloroethane
Concen: 46.18 ppbv
RT: 3.832 min Scan# 62
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 64 Resp: 6391

Ion	Ratio	Lower	Upper
64	100		
66	9.3	17.1	25.7#

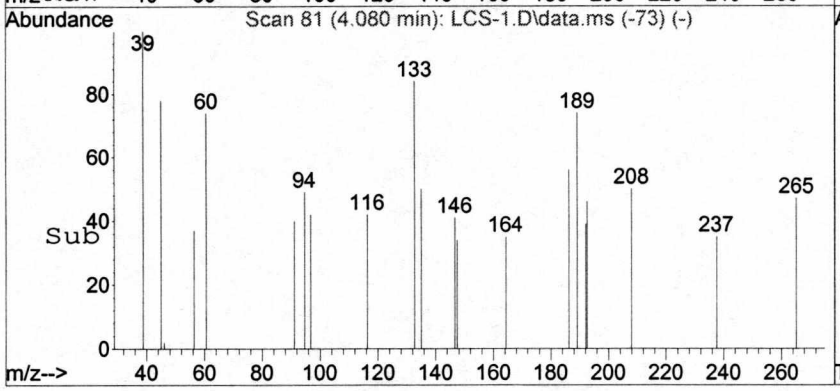


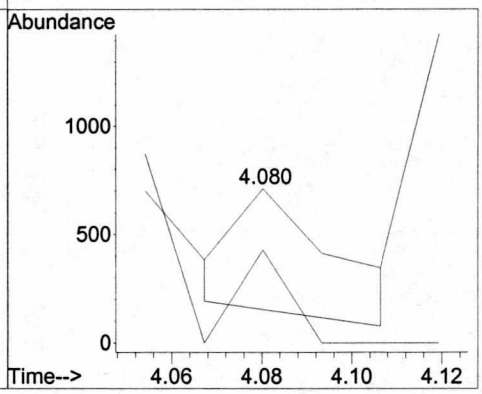


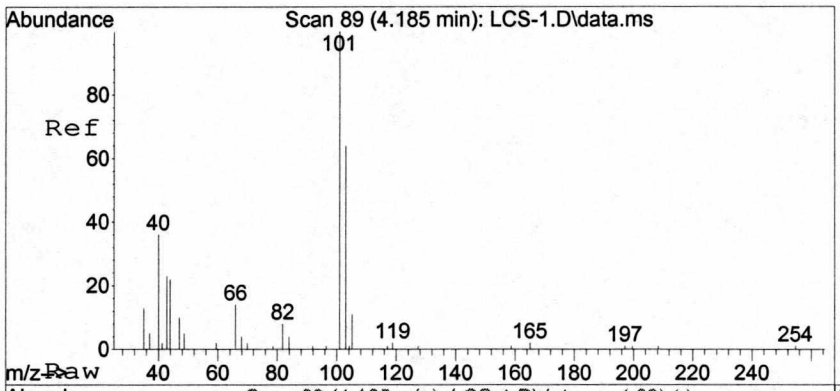
#14
Ethanol
Concen: 6.89 ppbv
RT: 4.080 min Scan# 81
Delta R.T. -0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 45 Resp: 833

Ion	Ratio	Lower	Upper
45	100		
46	40.3	0.0	0.0#



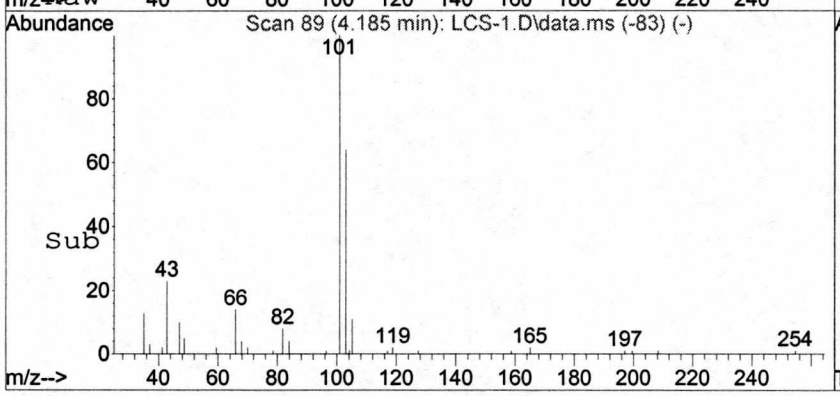


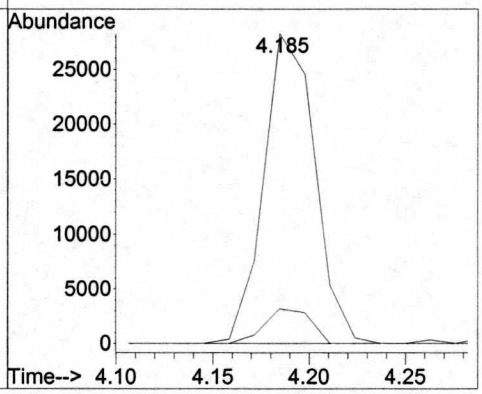


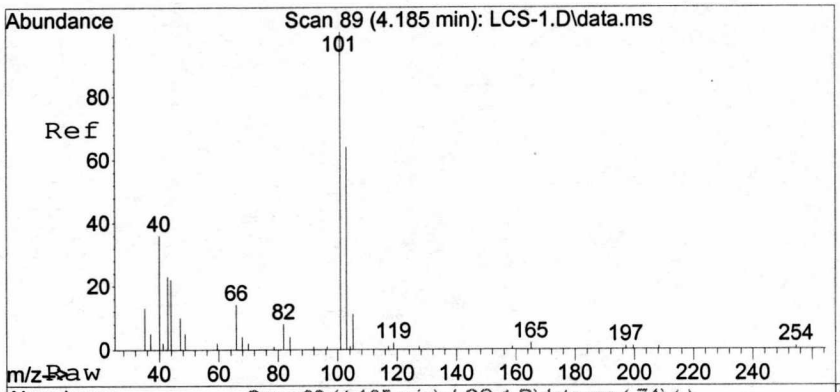
#15
Trichlorofluoromethane
Concen: 47.67 ppbv
RT: 4.185 min Scan# 89
Delta R.T. -0.026 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:101 Resp: 52151

Ion	Ratio	Lower	Upper
101	100		
105	10.2	8.6	12.8



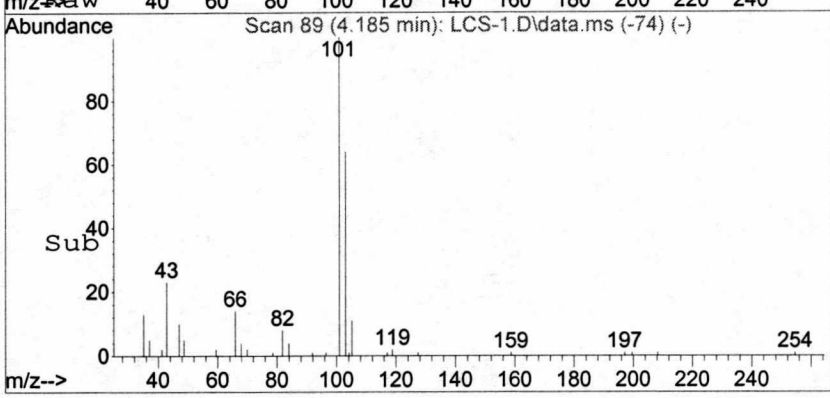


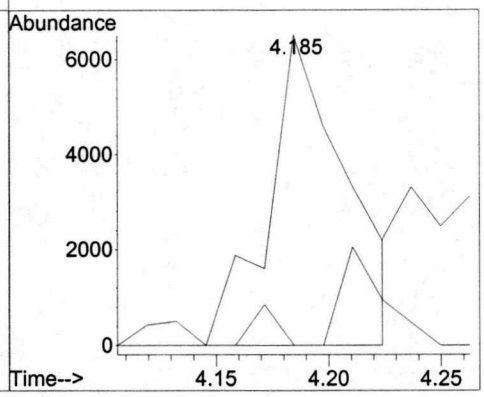


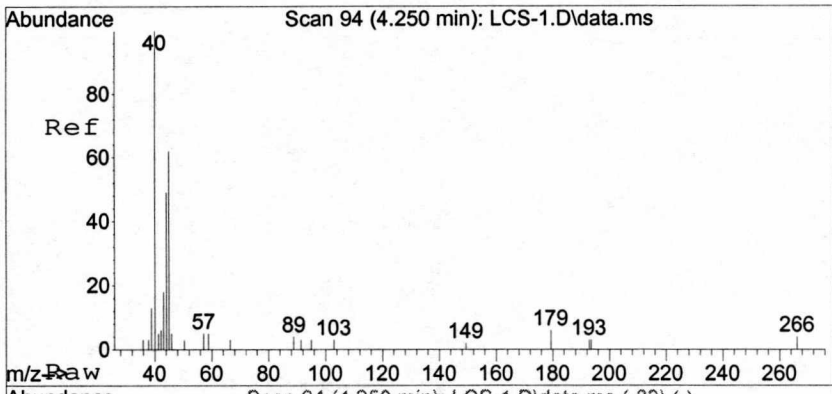
#16
Acetone
Concen: 31.18 ppbv
RT: 4.185 min Scan# 89
Delta R.T. -0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 43 Resp: 15718

Ion	Ratio	Lower	Upper
43	100		
58	17.4	23.9	35.9#



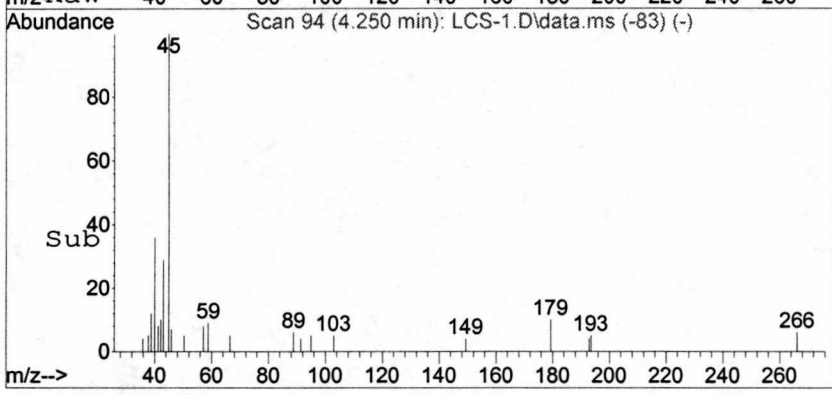


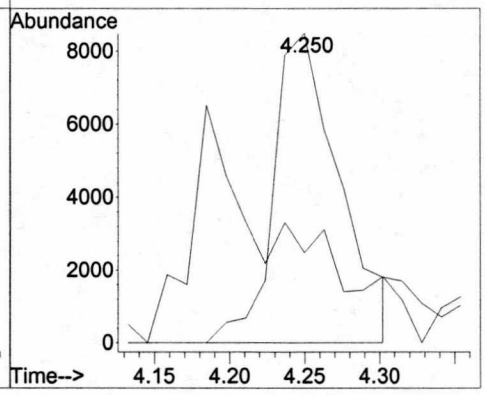


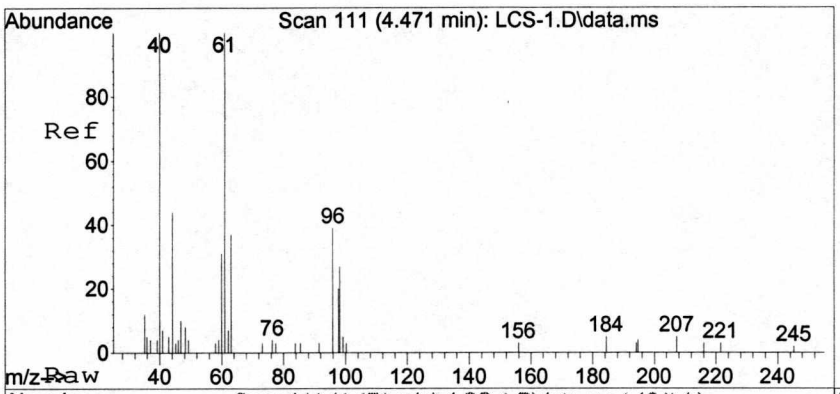
#17
Isopropyl alcohol
Concen: 34.54 ppbv
RT: 4.250 min Scan# 94
Delta R.T. -0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 45 Resp: 26049

Ion	Ratio	Lower	Upper
45	100		
43	13.3	33.0	49.6#



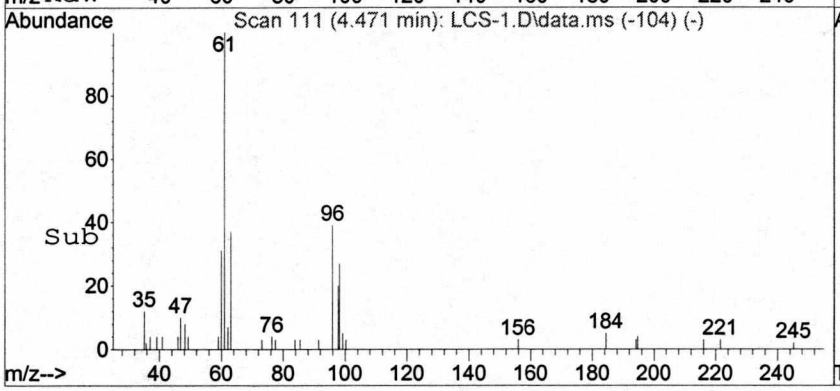


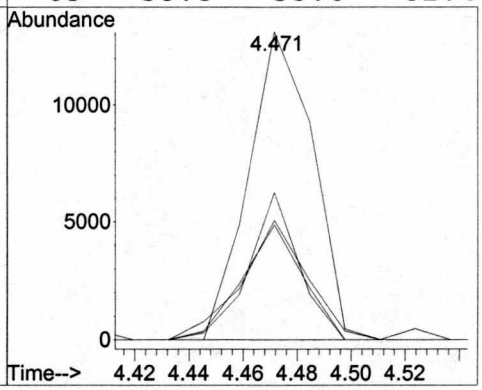


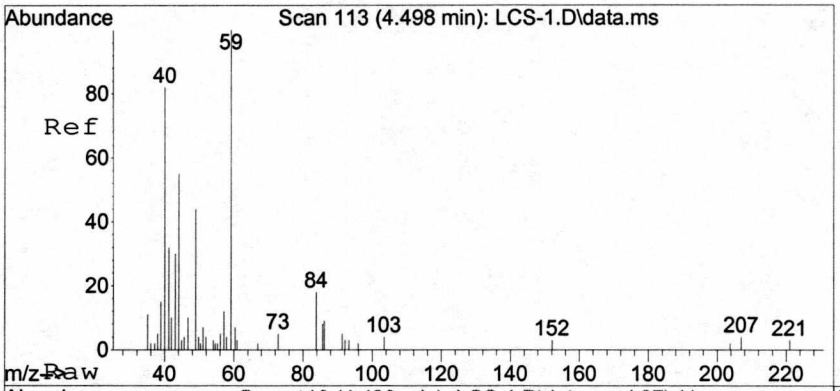
#18
1,1-Dichloroethene
Concen: 41.06 ppbv
RT: 4.471 min Scan# 111
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 61 Resp: 21727

Ion	Ratio	Lower	Upper
61	100		
96	39.2	58.7	88.1#
98	37.3	29.0	43.4
63	35.3	35.0	52.4



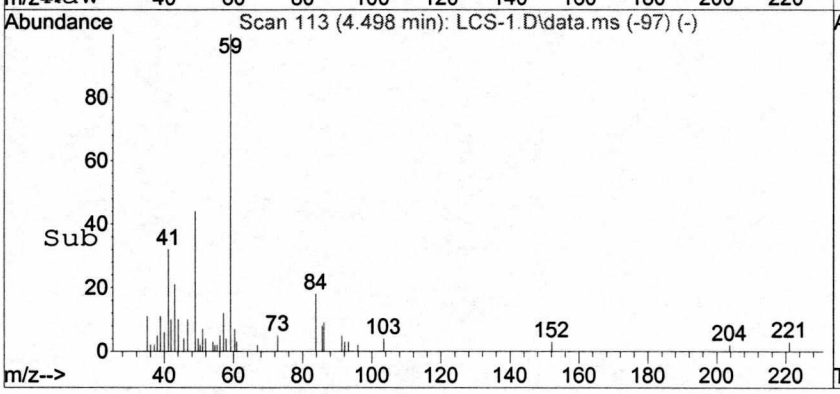


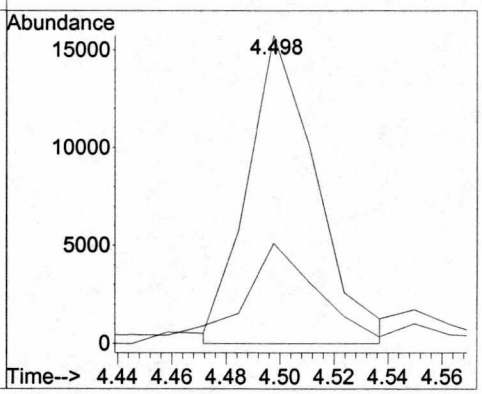


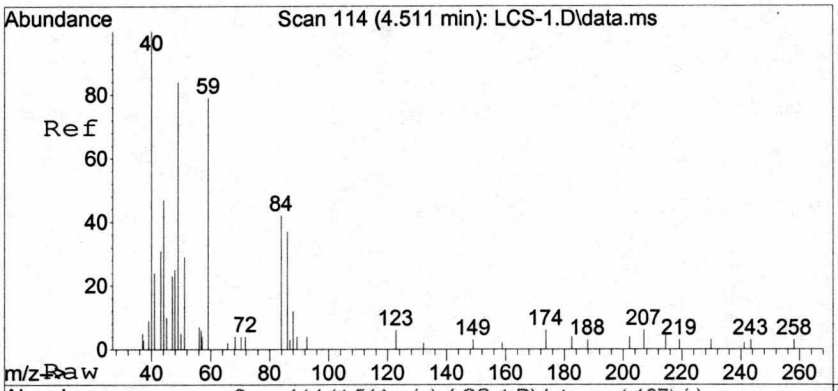
#19
tert-Butyl Alcohol
Concen: 32.37 ppbv
RT: 4.498 min Scan# 113
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 59 Resp: 27777

Ion	Ratio	Lower	Upper
59	100		
41	34.8	18.9	28.3#



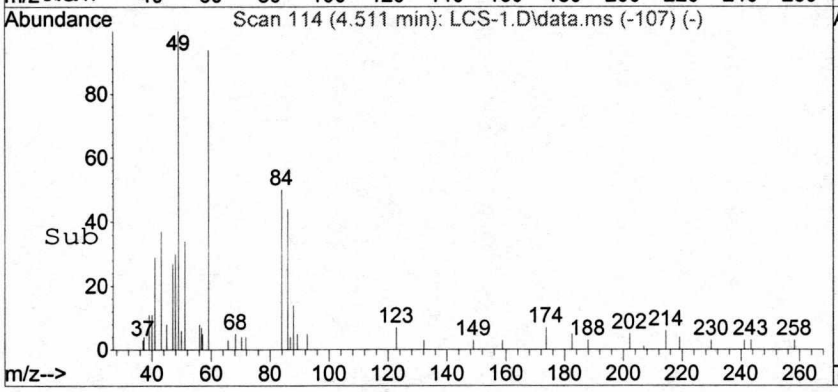


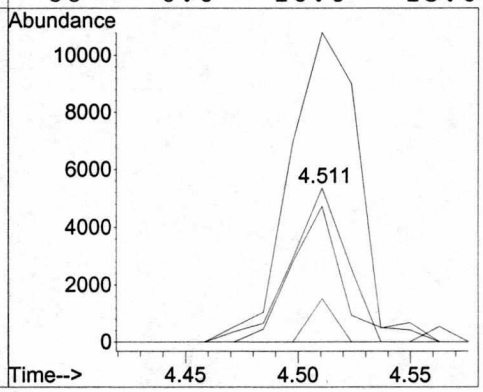


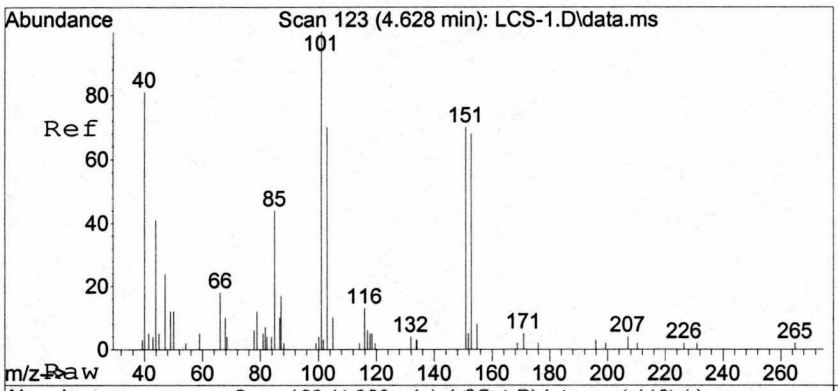
#20
Methylene Chloride
Concen: 46.73 ppbv
RT: 4.511 min Scan# 114
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 84 Resp: 9295

Ion	Ratio	Lower	Upper
84	100		
86	79.4	39.8	59.6#
49	242.5	137.8	206.8#
88	0.0	10.0	15.0#



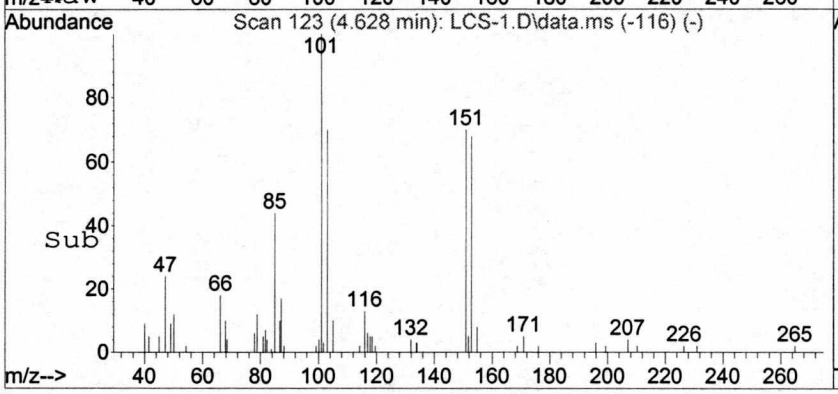


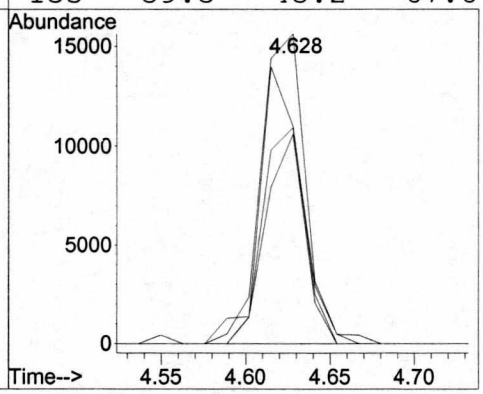


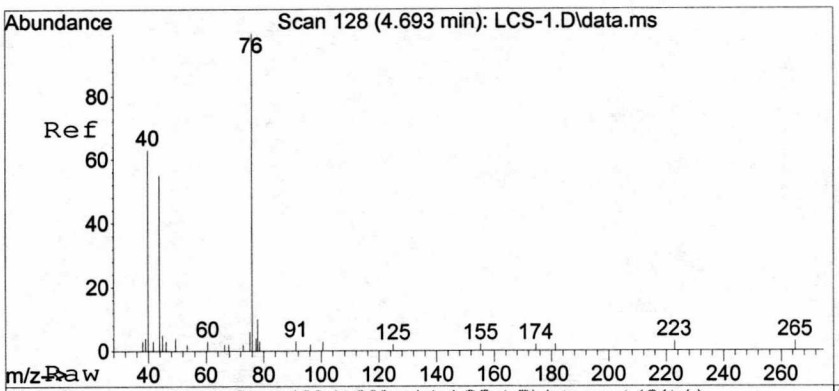
#21
1,1,2-Trichlorotrifluoroethane
Concen: 45.55 ppbv
RT: 4.628 min Scan# 123
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:101 Resp: 28893

Ion	Ratio	Lower	Upper
101	100		
151	80.4	101.2	151.8#
103	70.1	59.8	89.8
153	59.5	45.2	67.8



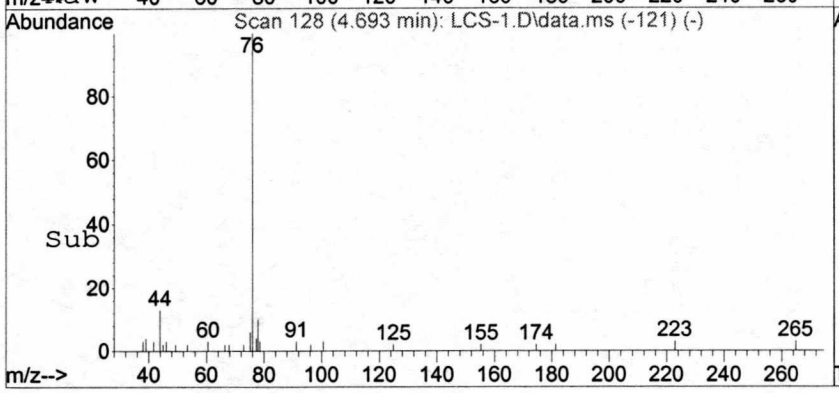


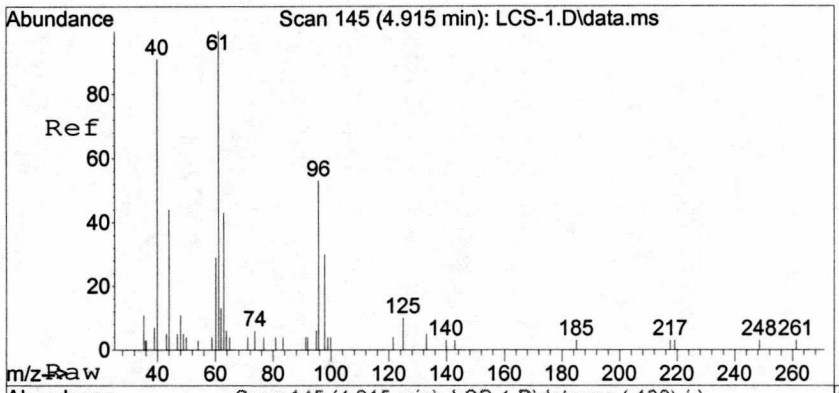


#22
Carbon Disulfide
Concen: 36.85 ppbv
RT: 4.693 min Scan# 128
Delta R.T. -0.003 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 76 Resp: 26229

Ion	Ratio	Lower	Upper
76	100		
78	15.5	8.4	12.6#

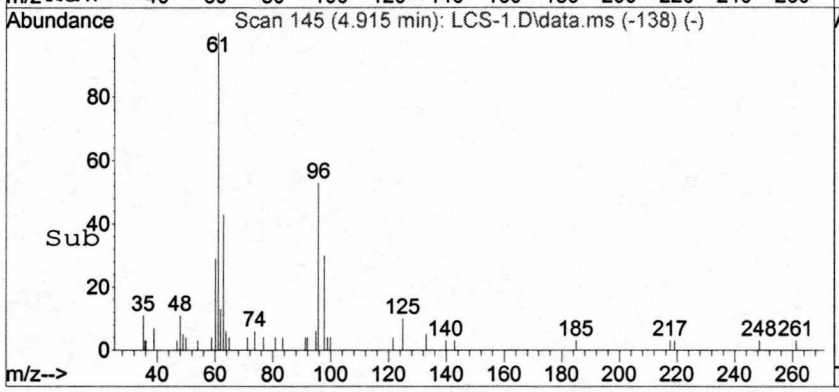


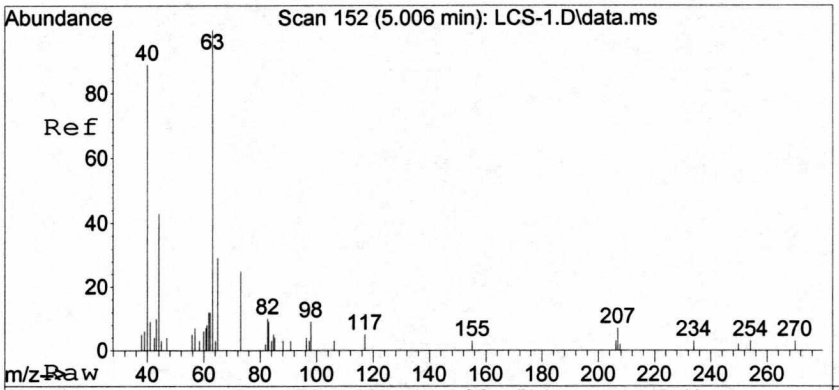


#23
trans-1,2-Dichloroethene
Concen: 44.77 ppbv
RT: 4.915 min Scan# 145
Delta R.T. -0.003 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 61 Resp: 22279

Ion	Ratio	Lower	Upper
61	100		
96	48.2	31.9	47.9#
98	27.6	26.8	40.2

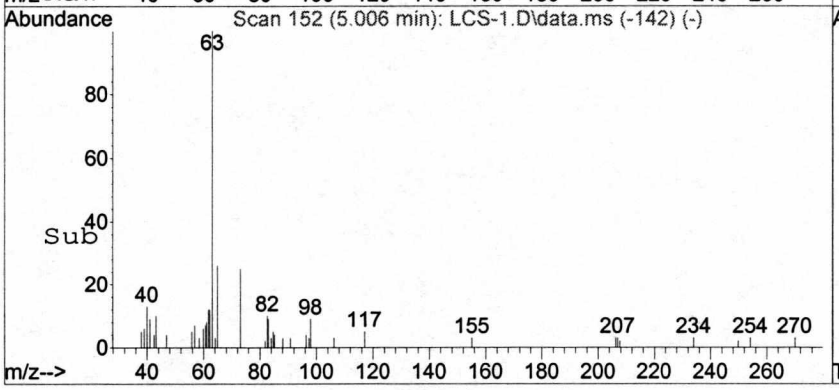


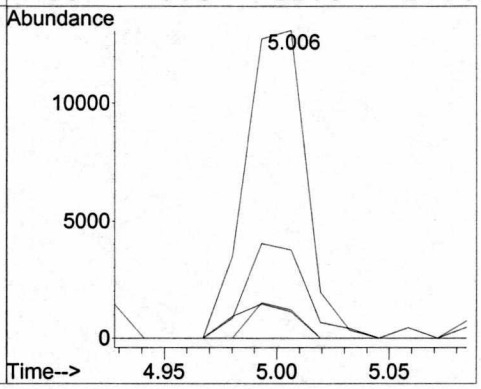


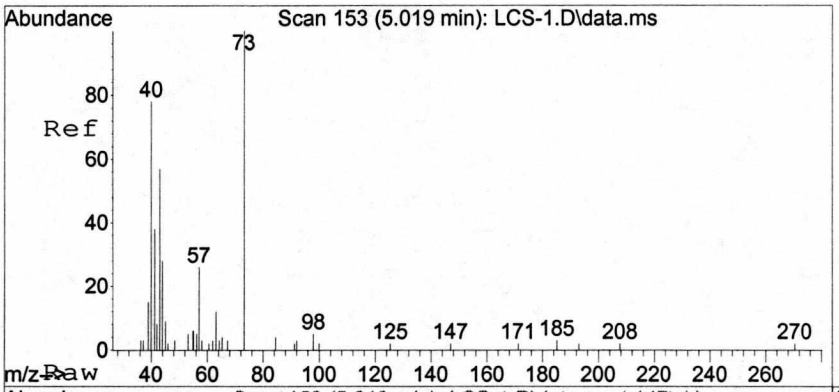
#24
1,1-Dichloroethane
Concen: 41.09 ppbv
RT: 5.006 min Scan# 152
Delta R.T. 0.011 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 63 Resp: 24746

Ion	Ratio	Lower	Upper
63	100		
65	30.7	19.5	29.3#
83	11.0	11.4	17.2#
85	8.5	11.8	17.6#



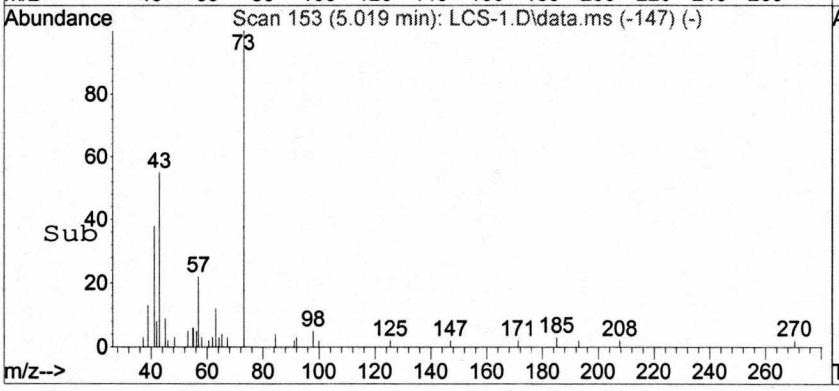


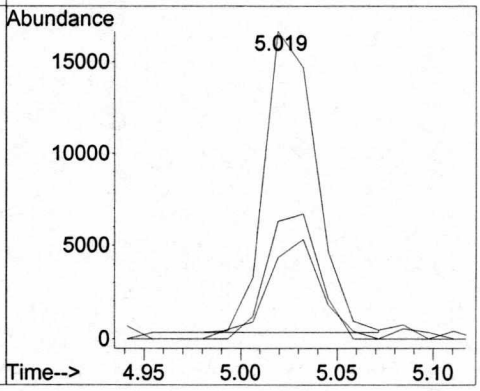


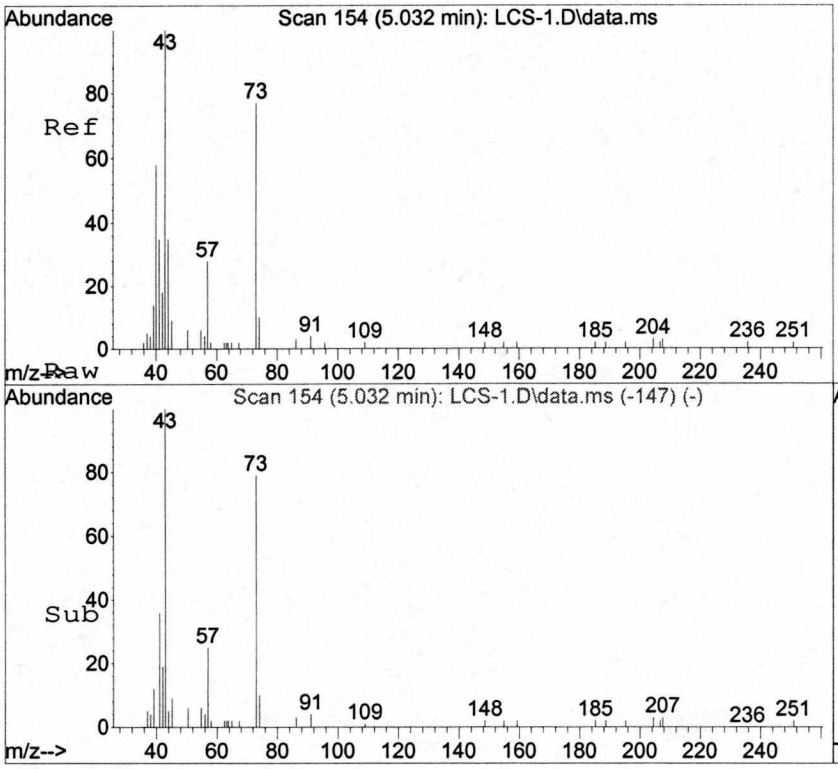
#25
Methyl tert-Butyl Ether
Concen: 33.85 ppbv
RT: 5.019 min Scan# 153
Delta R.T. -0.015 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 73 Resp: 30262

Ion	Ratio	Lower	Upper
73	100		
57	34.2	18.6	28.0#
41	42.2	25.8	38.8#



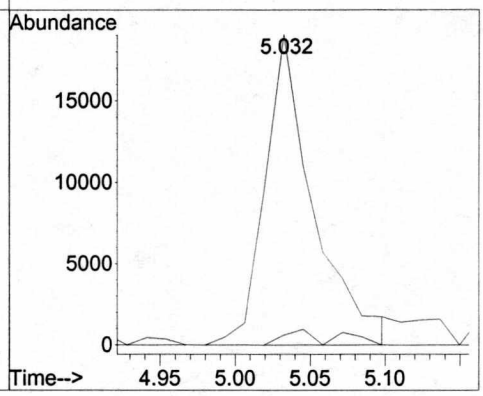


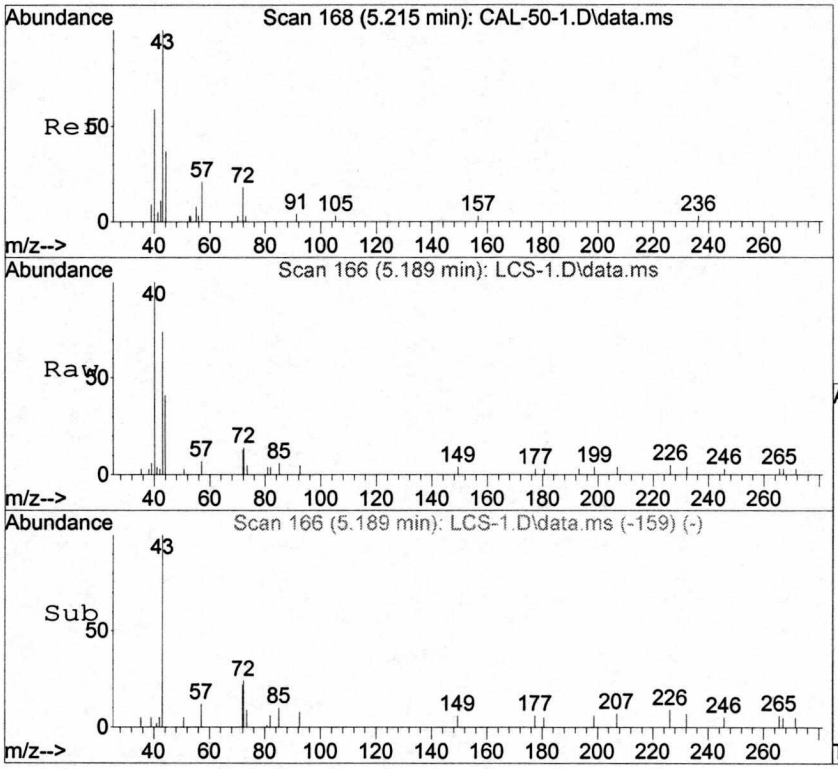


#26
Vinyl Acetate
Concen: 35.24 ppbv
RT: 5.032 min Scan# 154
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 43 Resp: 42832

Ion	Ratio	Lower	Upper
43	100		
86	2.9	3.5	5.3#

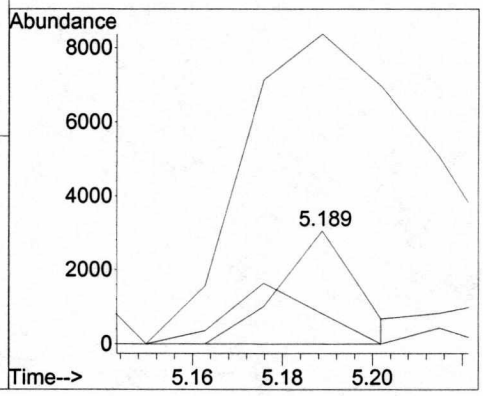


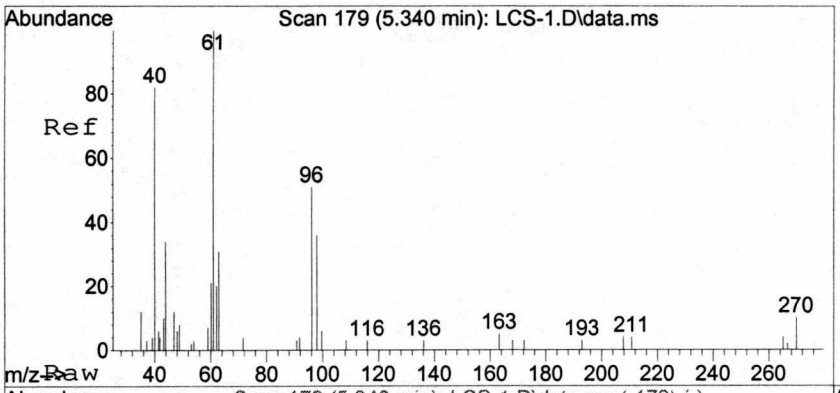


#27
2-Butanone
Concen: 35.51 ppbv
RT: 5.189 min Scan# 166
Delta R.T. -0.013 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 72 Resp: 3694

Ion	Ratio	Lower	Upper
72	100		
43	663.3	304.2	456.4#
57	59.3	21.8	32.8#

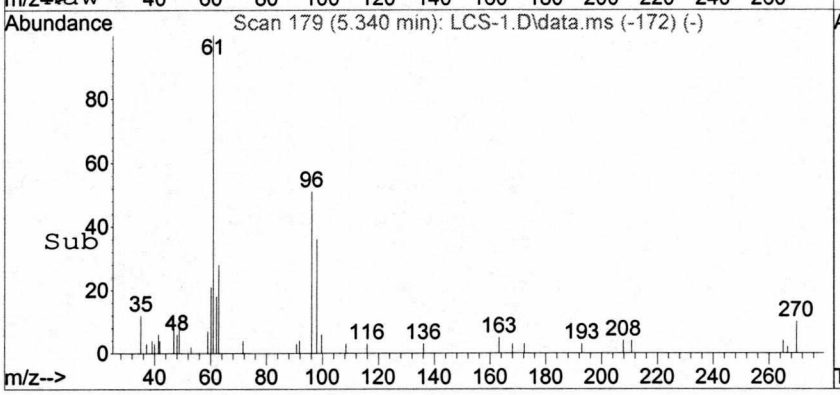


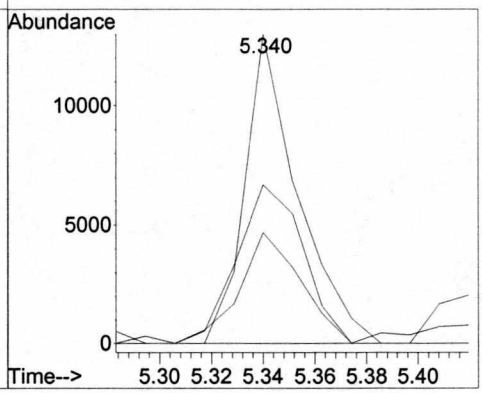


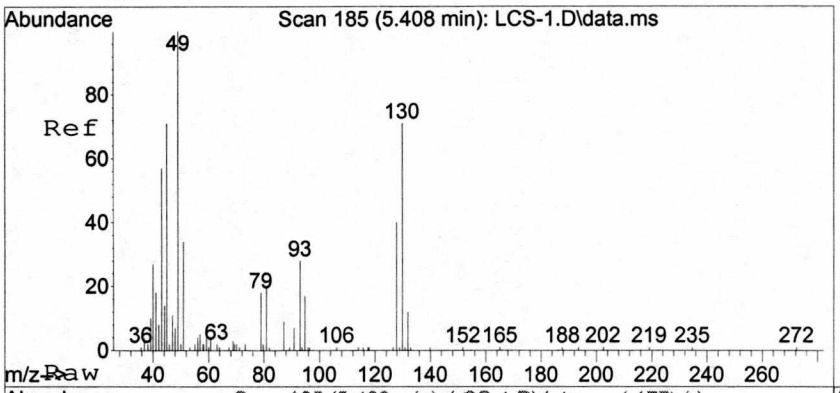
#28
cis-1,2-dichloroethene
Concen: 40.04 ppbv
RT: 5.340 min Scan# 179
Delta R.T. -0.023 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 61 Resp: 18583

Ion	Ratio	Lower	Upper
61	100		
96	64.4	46.5	69.7
98	41.8	17.4	26.0#



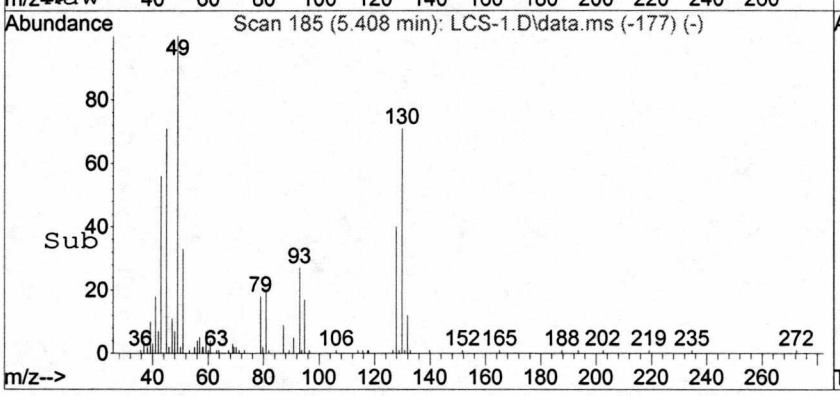


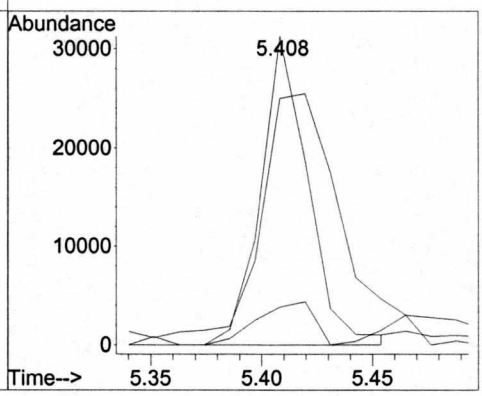


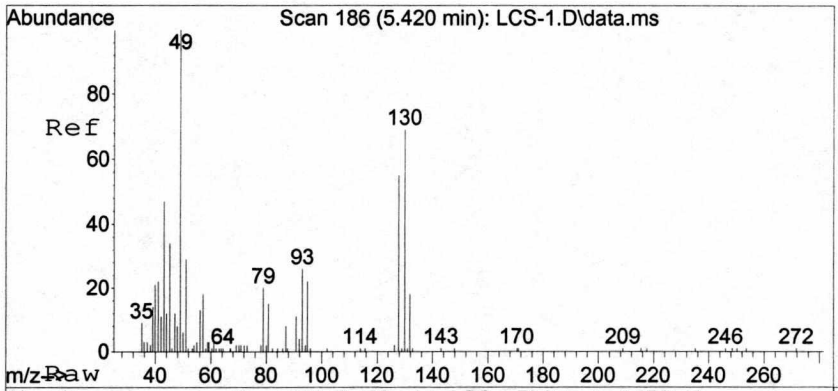
#29
Di-Isopropyl Ether
Concen: 32.91 ppbv
RT: 5.408 min Scan# 185
Delta R.T. -0.011 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 45 Resp: 46272

Ion	Ratio	Lower	Upper
45	100		
43	121.5	50.5	75.7#
87	16.6	14.1	21.1



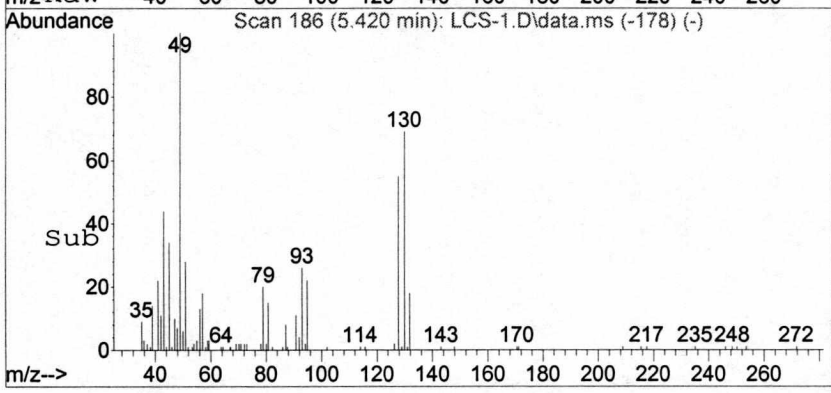


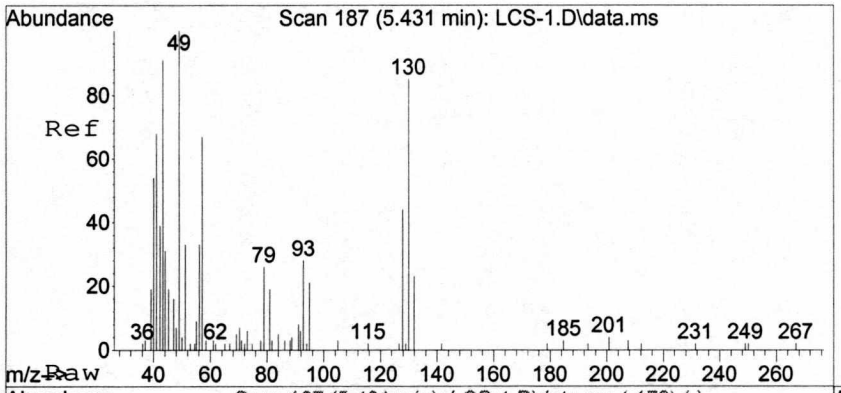


#30
Ethyl Acetate
Concen: 32.58 ppbv
RT: 5.420 min Scan# 186
Delta R.T. -0.011 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 43 Resp: 56932

Ion	Ratio	Lower	Upper
43	100		
61	5.2	5.2	7.8#

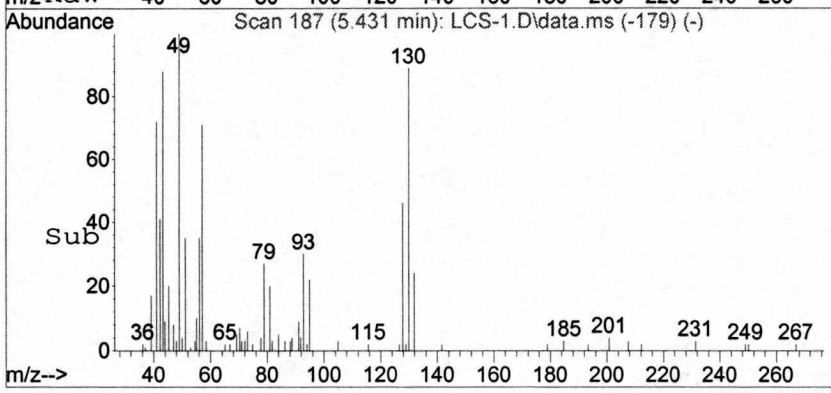


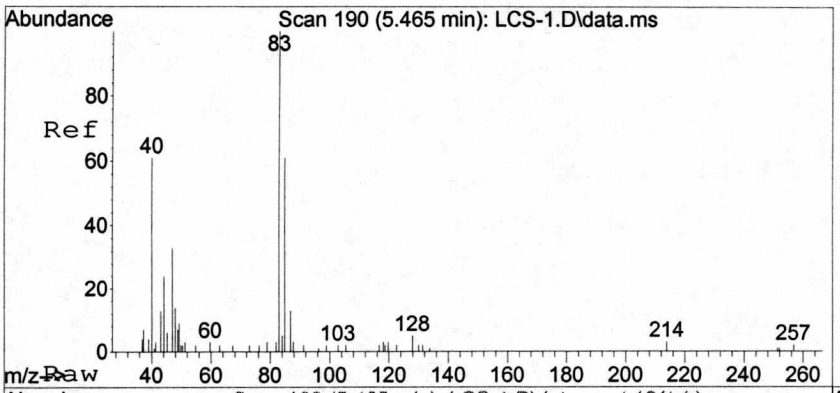


#31
n-Hexane
Concen: 46.13 ppbv
RT: 5.431 min Scan# 187
Delta R.T. -0.011 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 57 Resp: 20651

Ion	Ratio	Lower	Upper
57	100		
41	145.3	124.1	186.1

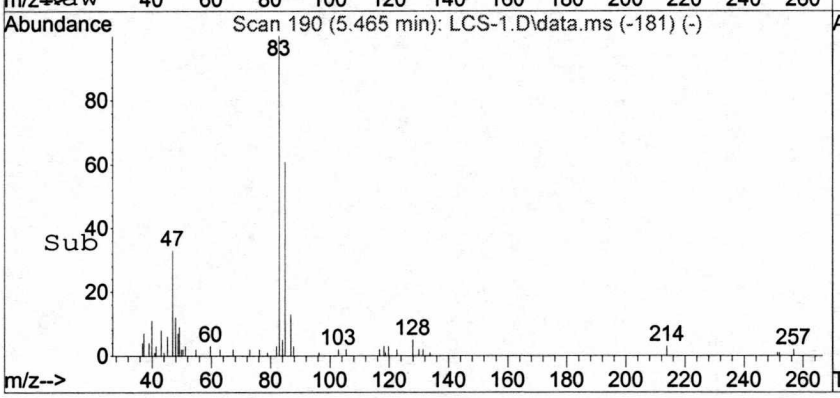


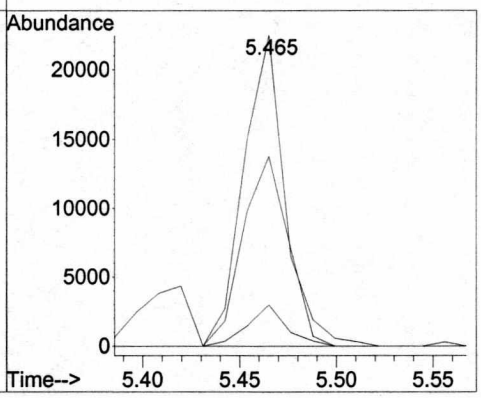


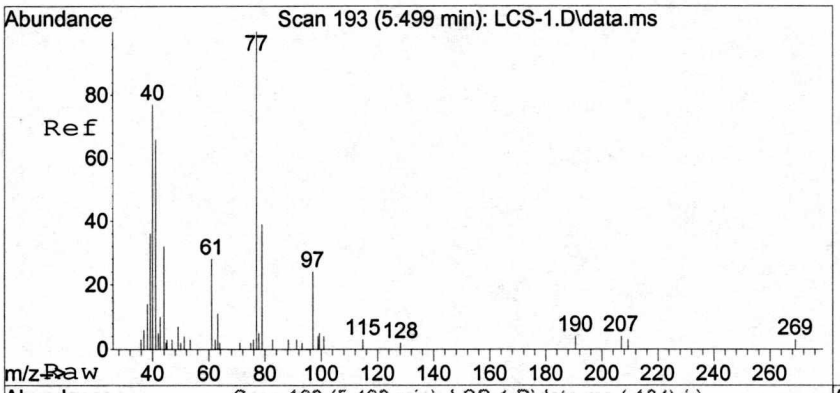
#32
Chloroform
Concen: 48.61 ppbv
RT: 5.465 min Scan# 190
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 83 Resp: 33660

Ion	Ratio	Lower	Upper
83	100		
85	67.1	34.7	52.1#
87	12.4	0.0	0.0#



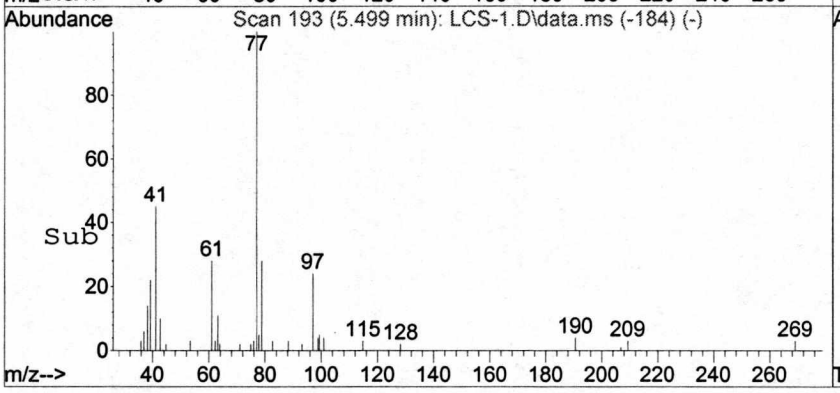


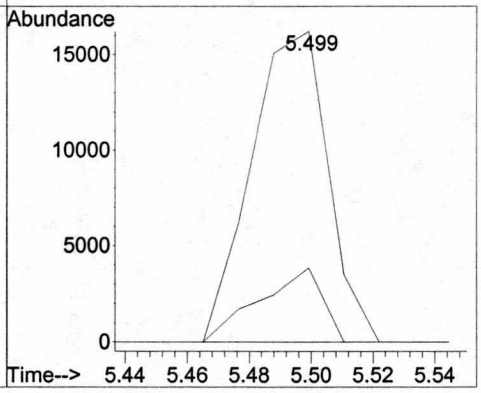


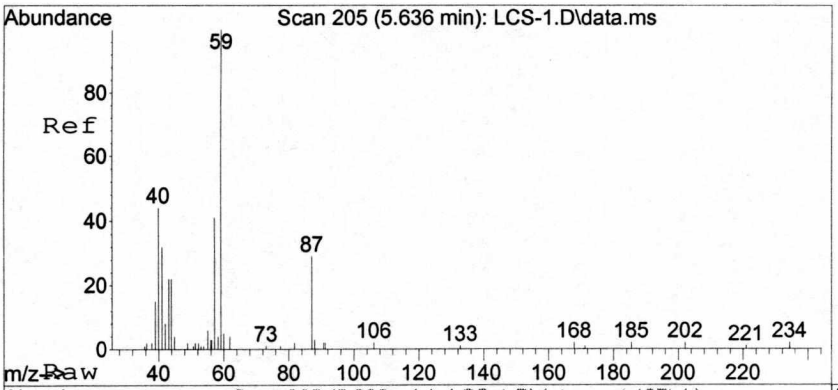
#33
2,2 Dichloropropane
Concen: 38.87 ppbv
RT: 5.499 min Scan# 193
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 77 Resp: 27928

Ion	Ratio	Lower	Upper
77	100		
97	19.5	20.6	30.8#



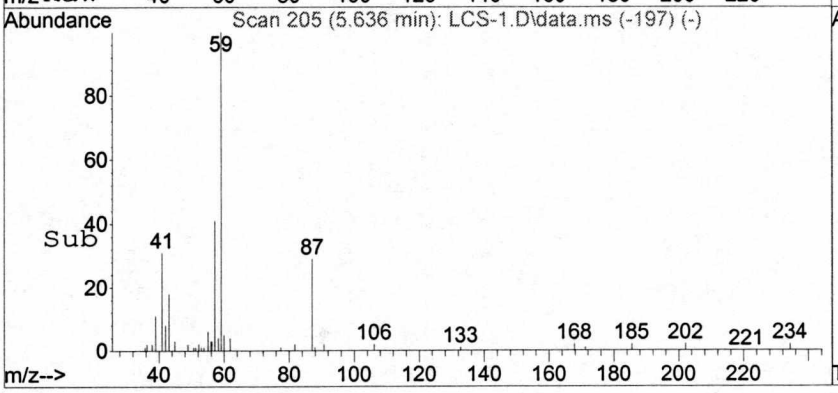


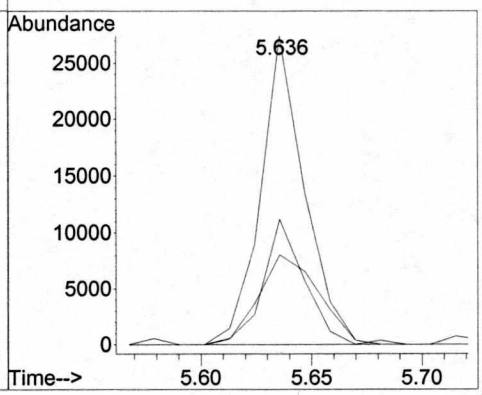


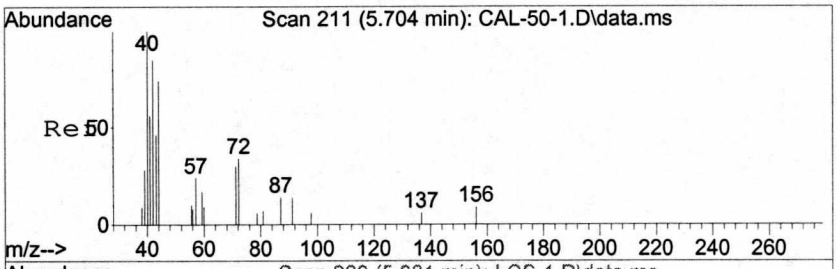
#34
Ethyl tert-Butyl Ether
Concen: 33.38 ppbv
RT: 5.636 min Scan# 205
Delta R.T. -0.011 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 59 Resp: 37910

Ion	Ratio	Lower	Upper
59	100		
57	38.3	19.9	29.9#
87	40.0	29.4	44.0



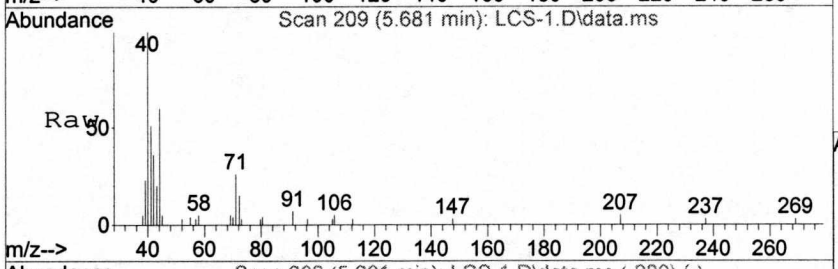


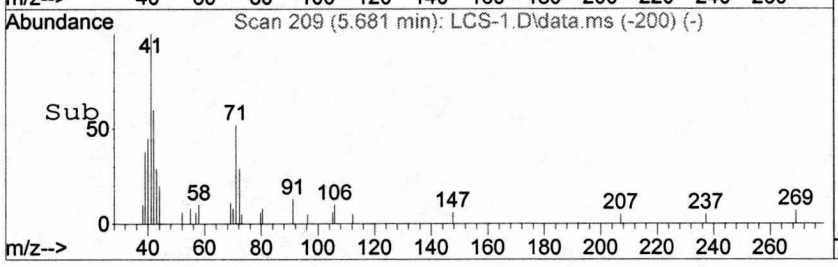


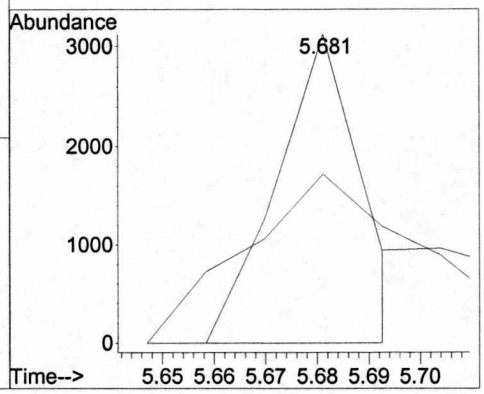
#35
Tetrahydrofuran
Concen: 34.83 ppbv
RT: 5.681 min Scan# 209
Delta R.T. -0.011 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

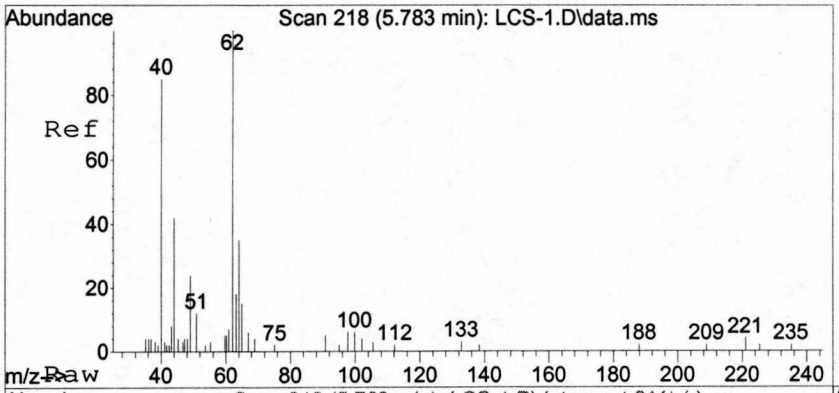
Tgt Ion: 71 Resp: 3633

Ion	Ratio	Lower	Upper
71	100		
72	118.5	67.5	101.3#





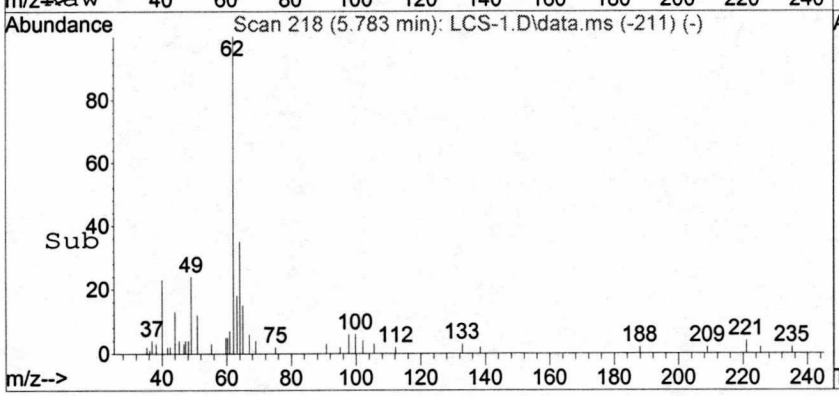


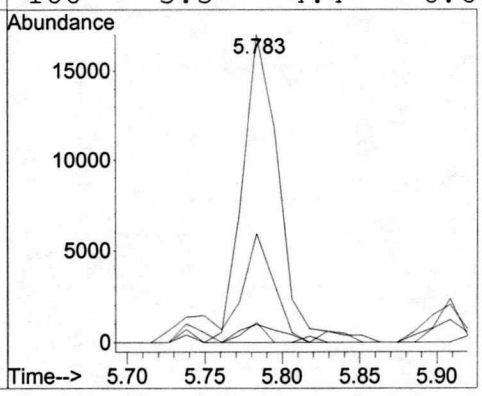


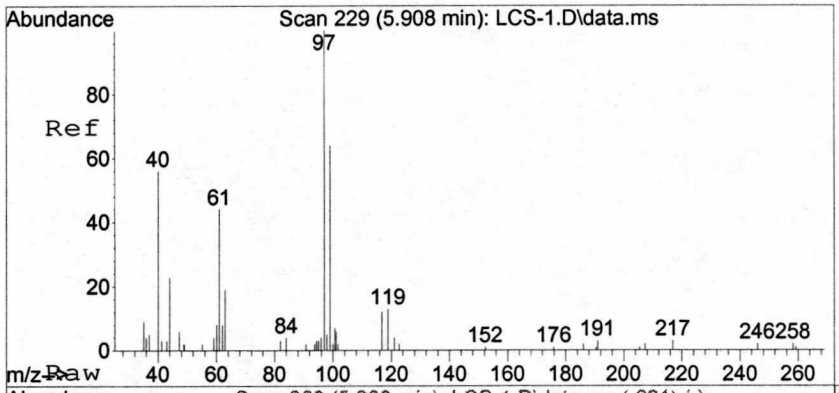
#37
1,2-Dichloroethane
Concen: 47.74 ppbv
RT: 5.783 min Scan# 218
Delta R.T. -0.023 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 62 Resp: 27831

Ion	Ratio	Lower	Upper
62	100		
64	28.9	25.6	38.4
98	6.6	3.0	4.4#
100	3.5	4.4	6.6#



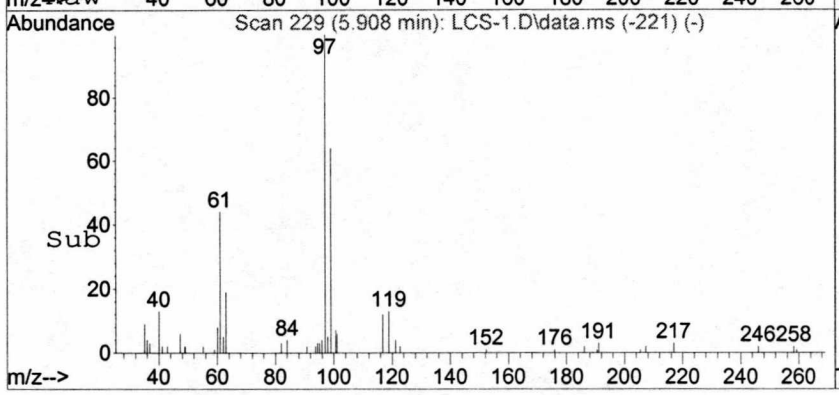


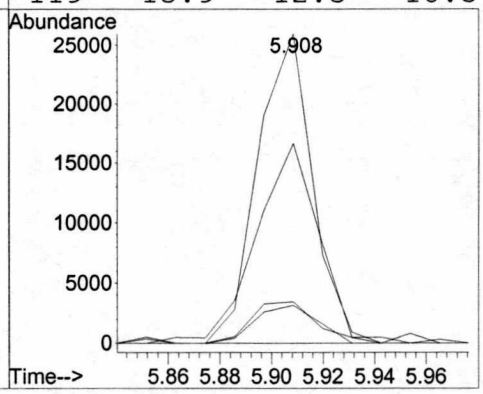


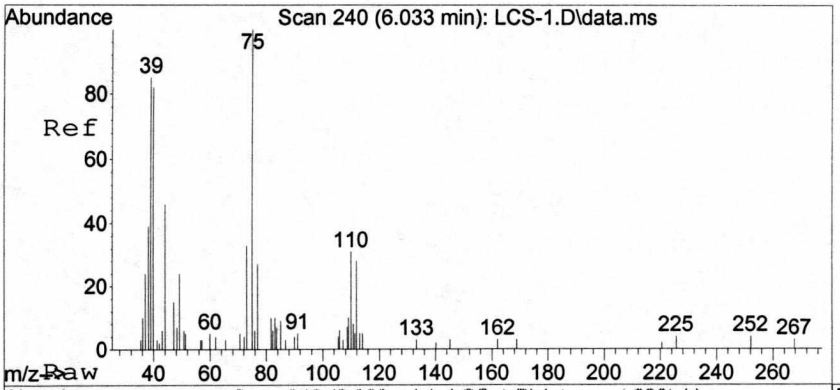
#38
1,1,1-Trichloroethane
Concen: 43.71 ppbv
RT: 5.908 min Scan# 229
Delta R.T. -0.011 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 97 Resp: 38187

Ion	Ratio	Lower	Upper
97	100		
99	71.2	57.8	86.8
117	13.8	6.7	10.1#
119	15.9	12.3	18.5



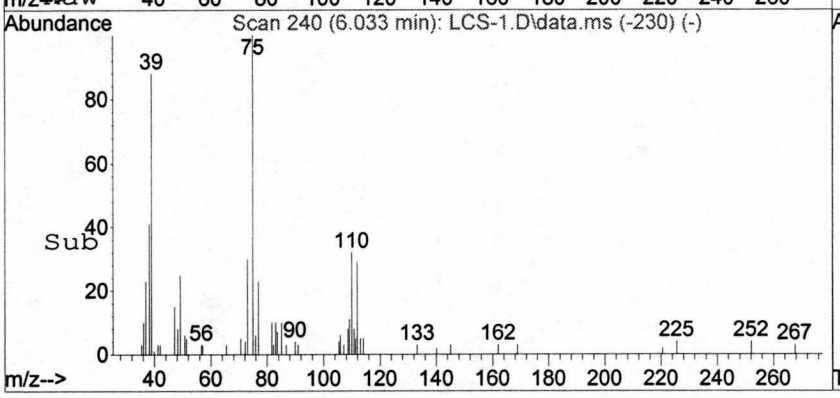


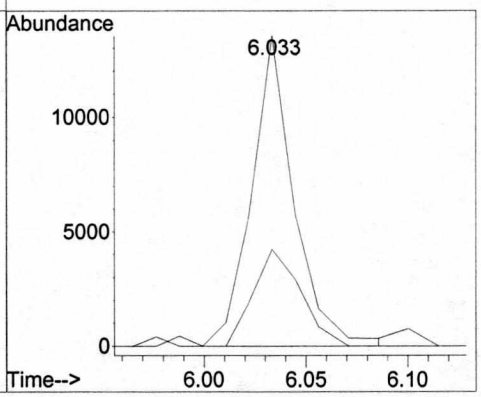


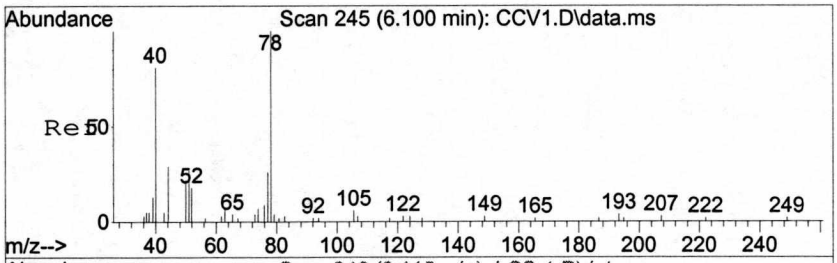
#39
1,1-Dichloropropene
Concen: 40.67 ppbv
RT: 6.033 min Scan# 240
Delta R.T. -0.012 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 75 Resp: 20949

Ion	Ratio	Lower	Upper
75	100		
110	34.1	23.5	35.3



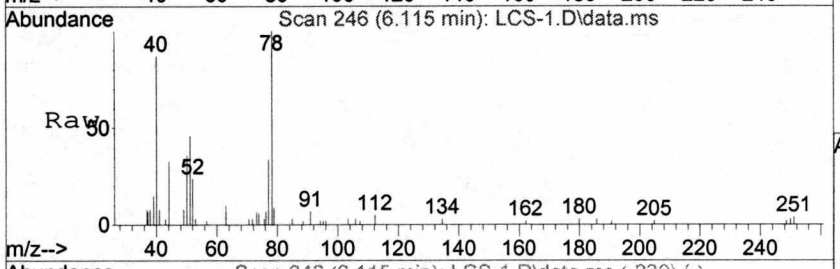


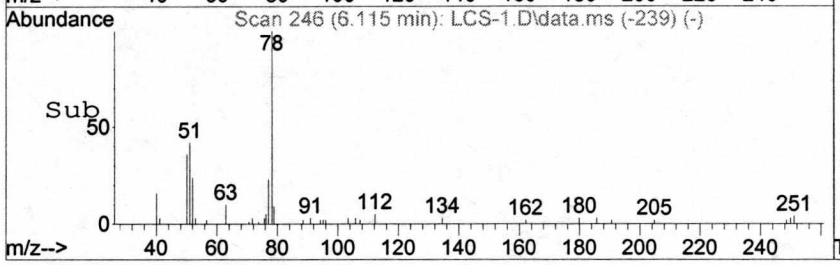


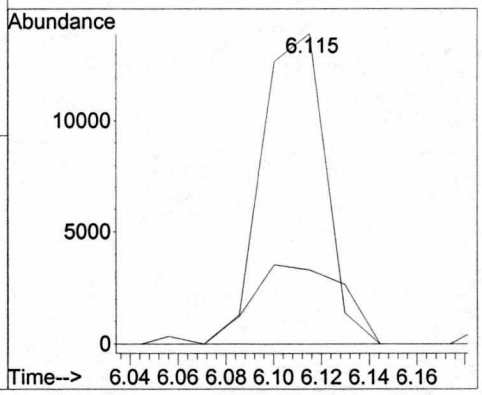
#40
Benzene
Concen: 35.37 ppbv
RT: 6.115 min Scan# 246
Delta R.T. -0.002 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

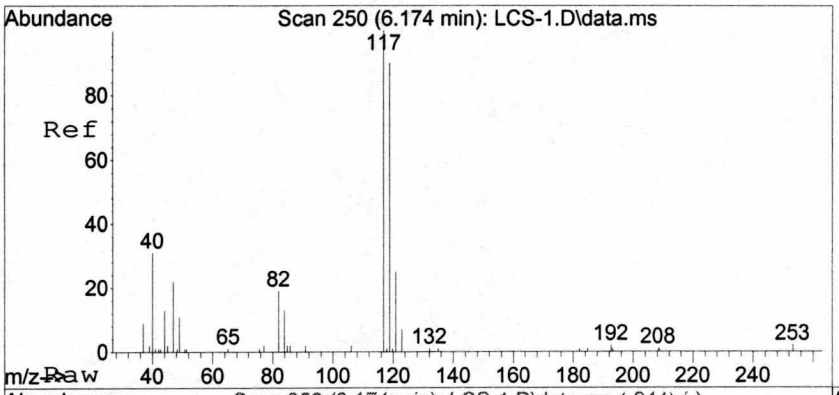
Tgt Ion: 78 Resp: 25878

Ion	Ratio	Lower	Upper
78	100		
52	36.7	16.1	24.1#





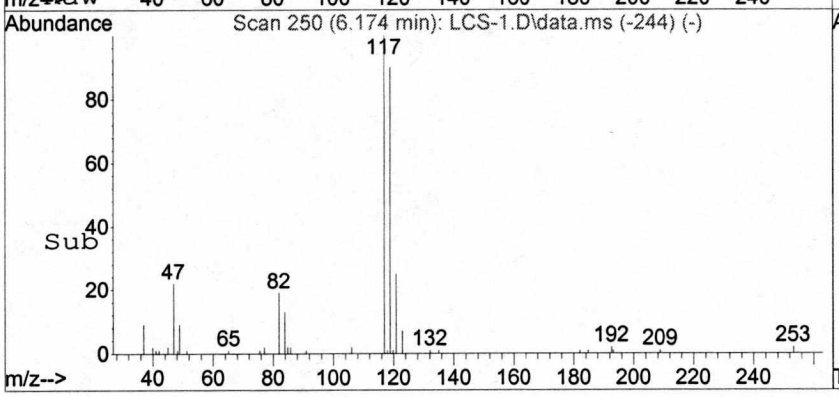


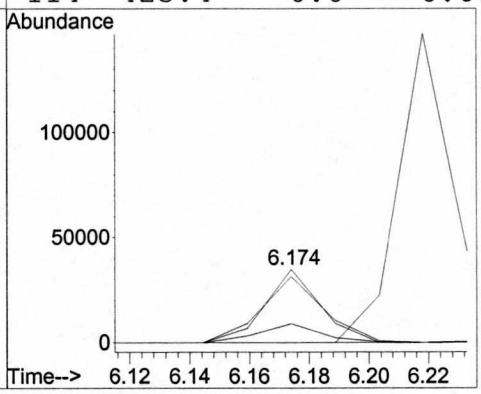


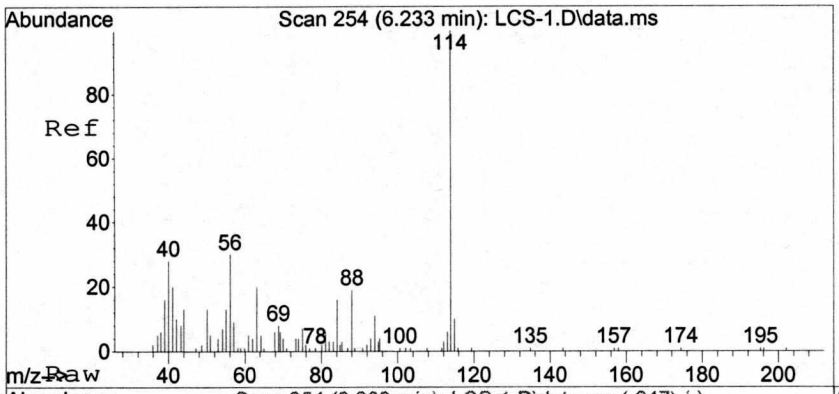
#41
Carbon Tetrachloride
Concen: 45.68 ppbv
RT: 6.174 min Scan# 250
Delta R.T. -0.015 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:117 Resp: 44262

Ion	Ratio	Lower	Upper
117	100		
119	102.1	73.4	110.0
121	28.8	21.9	32.9
114	423.4	0.0	0.0#



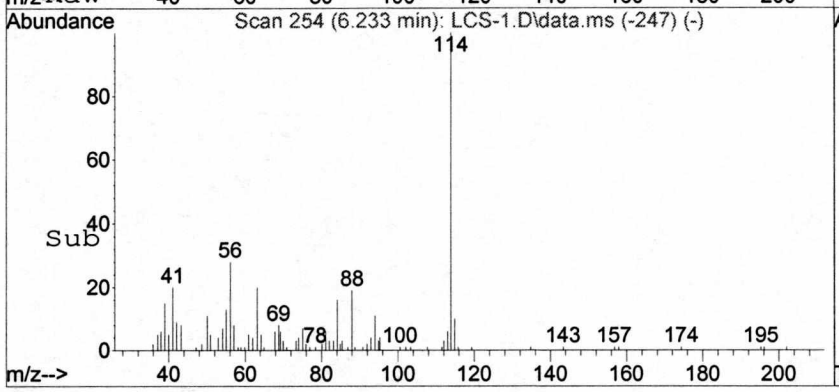


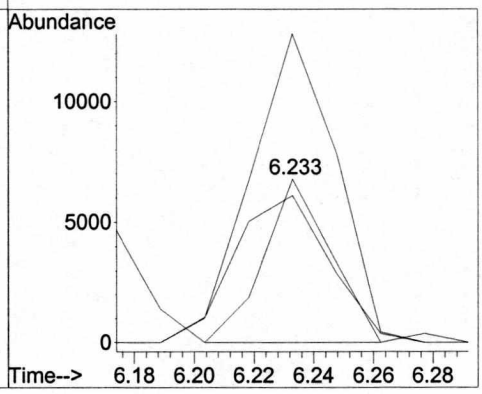


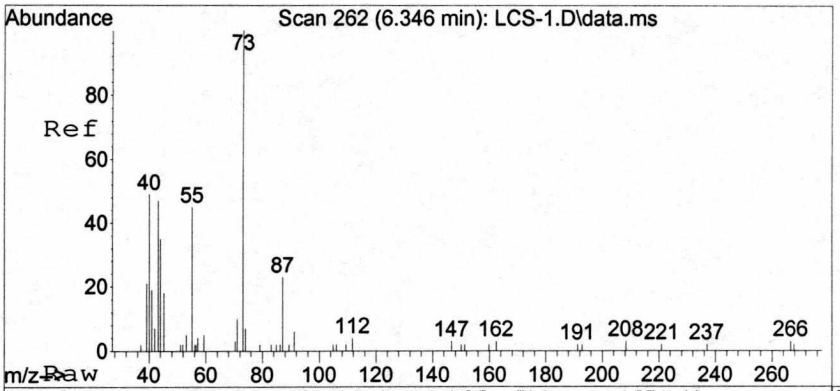
#43
Cyclohexane
Concen: 36.55 ppbv
RT: 6.233 min Scan# 254
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 84 Resp: 10595

Ion	Ratio	Lower	Upper
84	100		
56	240.6	112.8	169.2#
69	128.9	55.4	83.2#



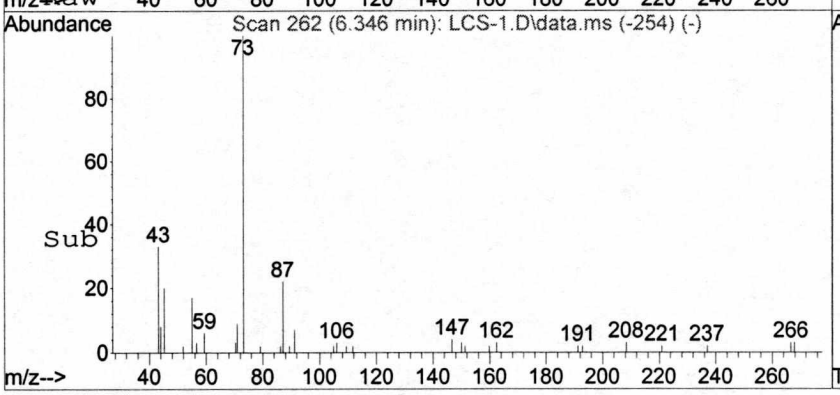


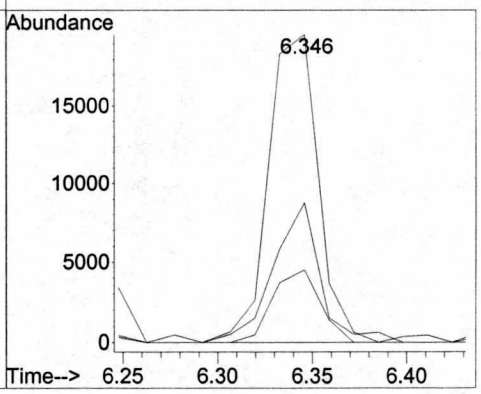


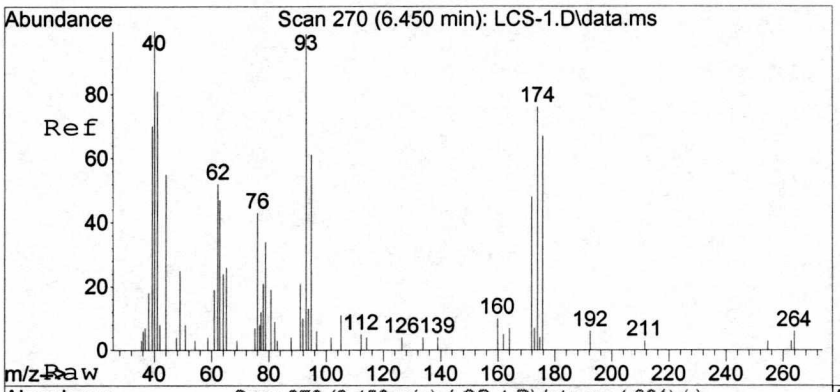
#44
tert-Amyl Methyl Ether
Concen: 48.20 ppbv
RT: 6.346 min Scan# 262
Delta R.T. 0.006 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 73 Resp: 36288

Ion	Ratio	Lower	Upper
73	100		
55	41.6	21.0	31.6#
87	21.7	23.6	35.4#



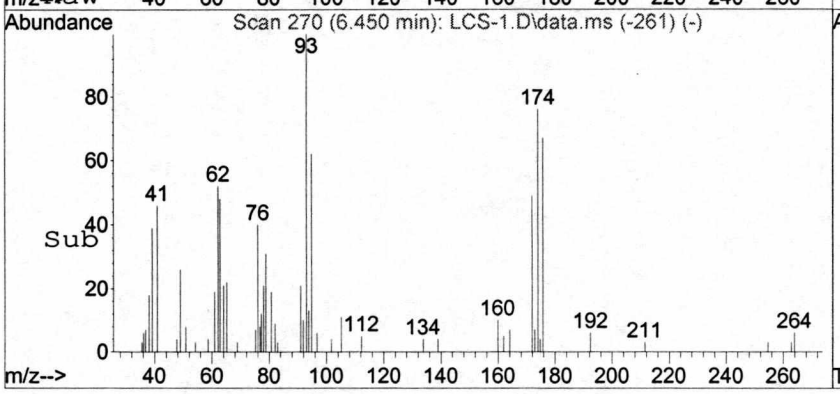


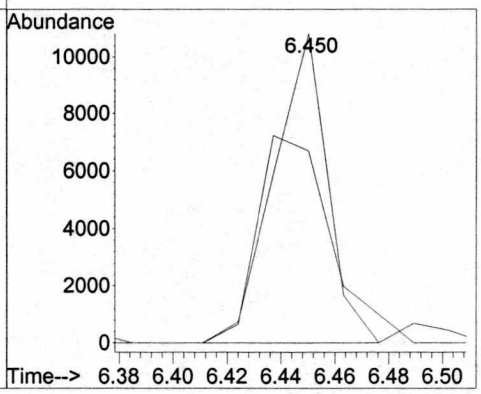


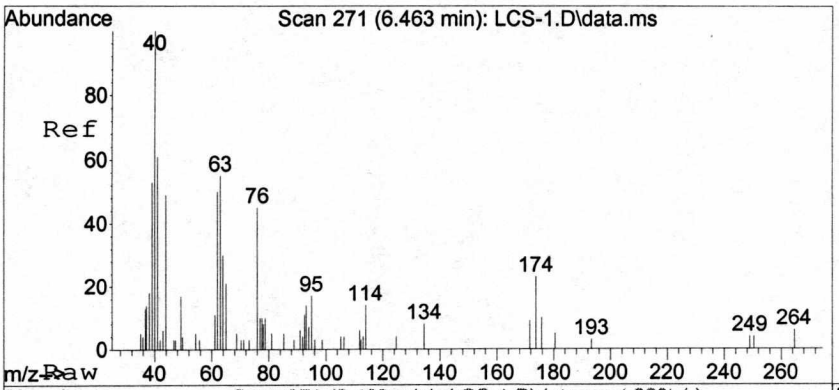
#45
Dibromomethane
Concen: 49.44 ppbv
RT: 6.450 min Scan# 270
Delta R.T. 0.020 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 93 Resp: 14954

Ion	Ratio	Lower	Upper
93	100		
95	91.8	106.1	159.1#



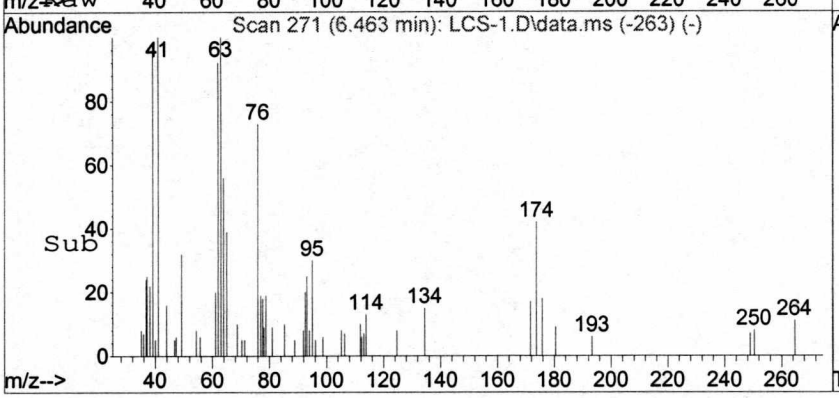


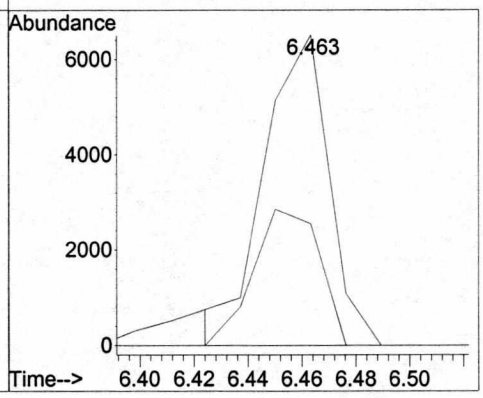


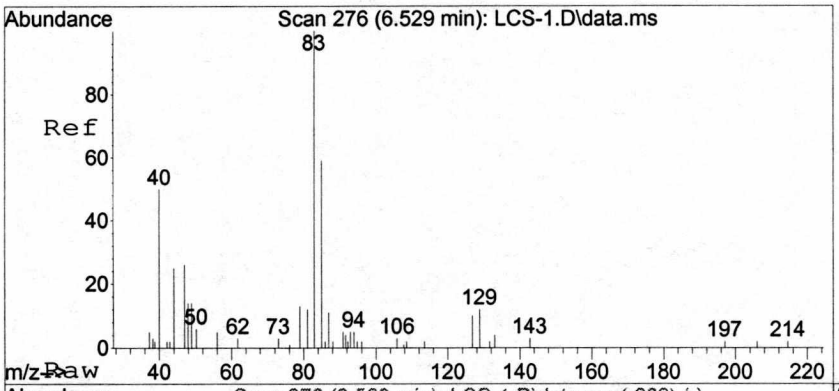
#46
1,2-Dichloropropane
Concen: 41.99 ppbv
RT: 6.463 min Scan# 271
Delta R.T. 0.002 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 63 Resp: 10742

Ion	Ratio	Lower	Upper
63	100		
65	45.3	18.8	28.2#



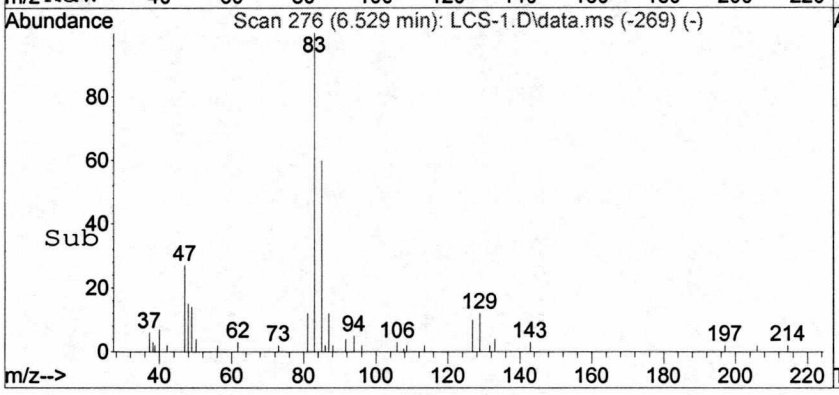


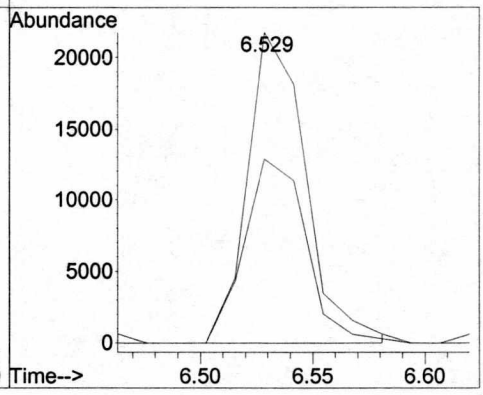


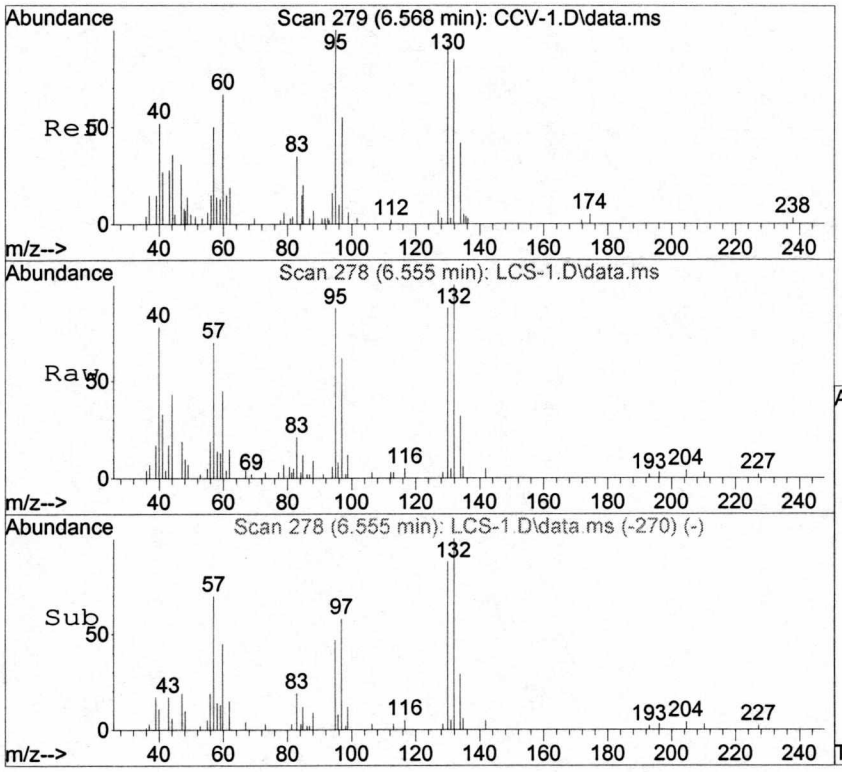
#47
Bromodichloromethane
Concen: 57.19 ppbv
RT: 6.529 min Scan# 276
Delta R.T. -0.011 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 83 Resp: 39276

Ion	Ratio	Lower	Upper
83	100		
85	62.9	44.0	66.0



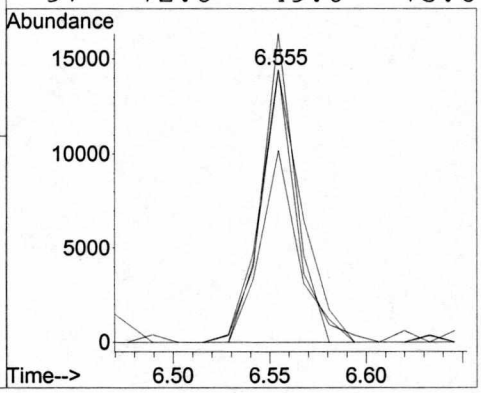


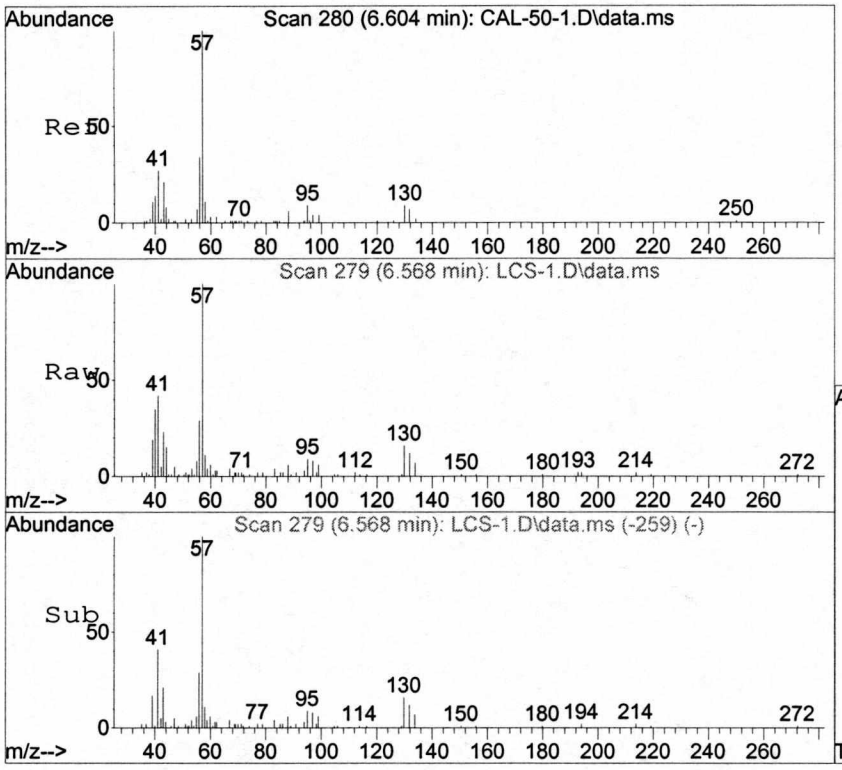


#48
Trichloroethene
Concen: 55.30 ppbv
RT: 6.555 min Scan# 278
Delta R.T. 0.002 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 95 Resp: 19193

Ion	Ratio	Lower	Upper
95	100		
130	109.4	84.2	126.2
132	103.4	59.5	89.3#
97	72.8	49.0	73.6

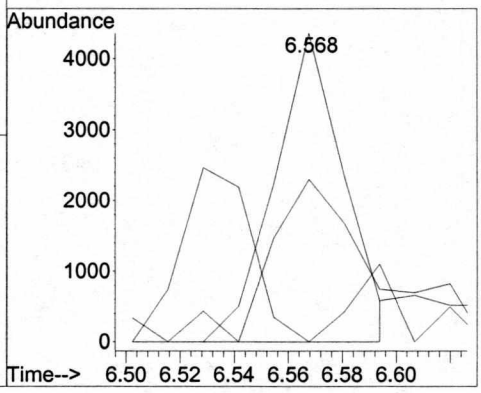


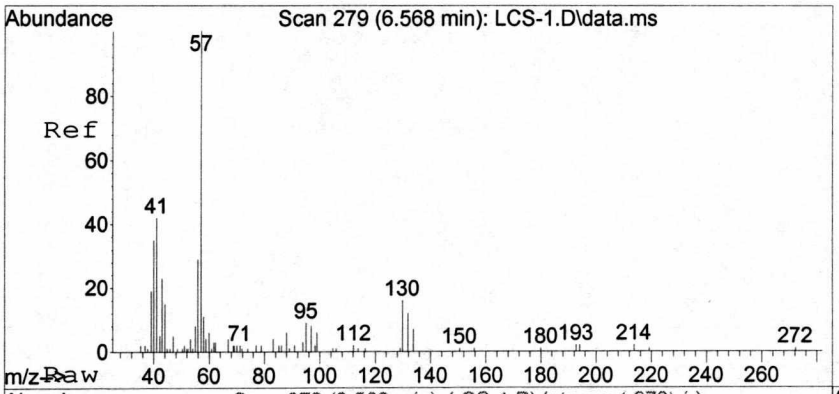


#49
1,4-Dioxane
Concen: 49.80 ppbv
RT: 6.568 min Scan# 279
Delta R.T. 0.015 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 58 Resp: 7855

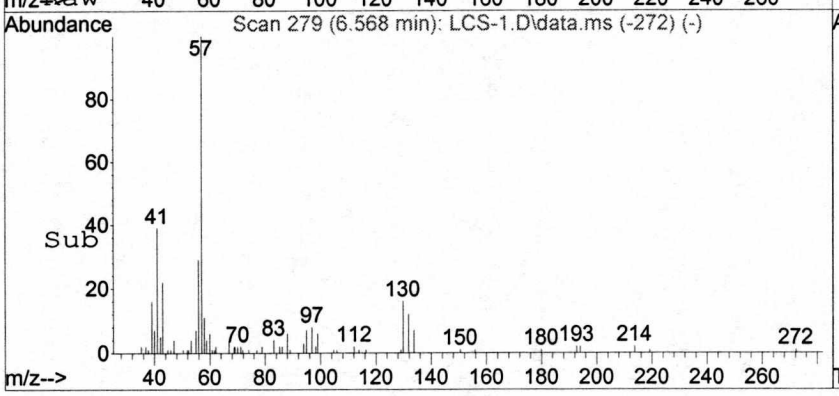
Ion	Ratio	Lower	Upper
58	100		
88	68.7	79.1	118.7#
87	15.3	13.0	19.6

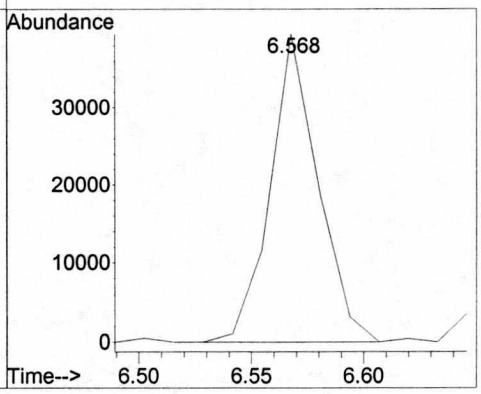


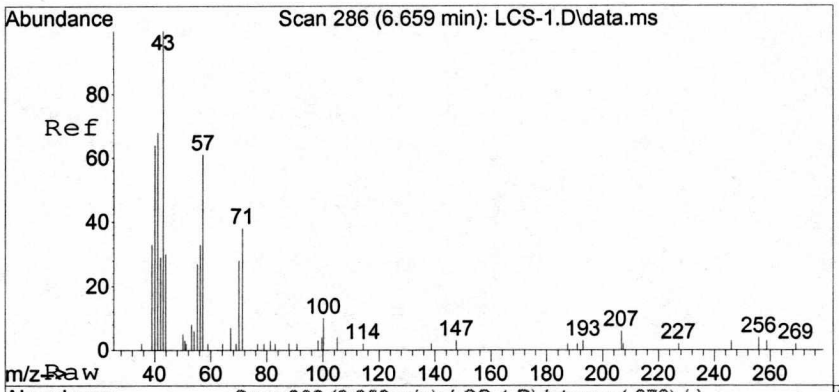


#50
2,2,4-Trimethylpentane
Concen: 45.29 ppbv
RT: 6.568 min Scan# 279
Delta R.T. -0.010 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 57 Resp: 57750



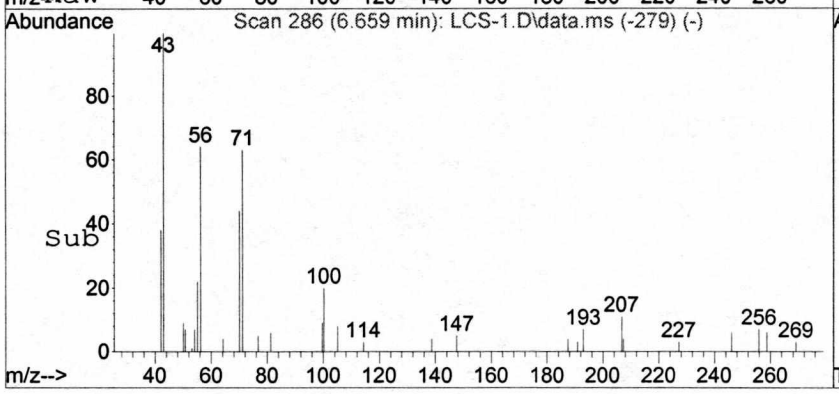


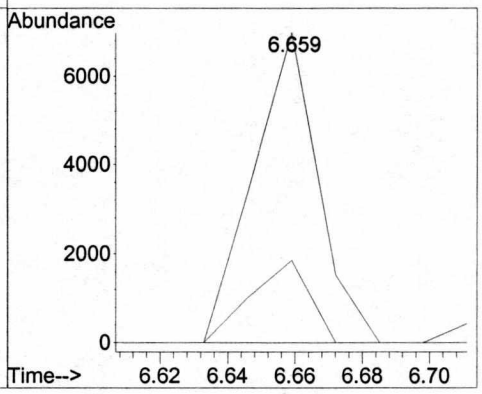


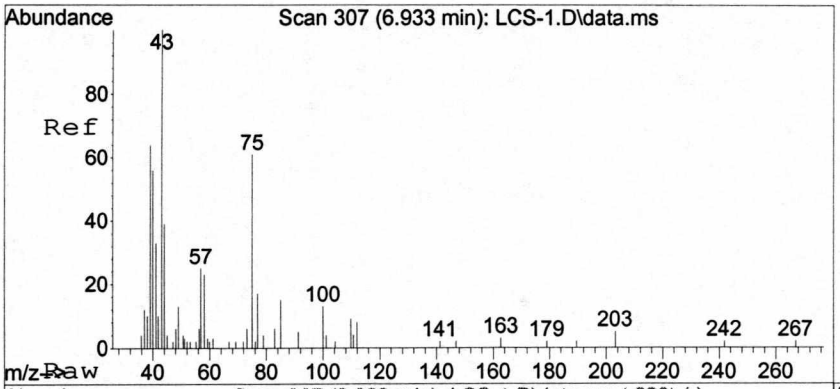
#51
n-Heptane
Concen: 44.60 ppbv
RT: 6.659 min Scan# 286
Delta R.T. -0.010 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 71 Resp: 9322

Ion	Ratio	Lower	Upper
71	100		
100	24.2	9.8	14.8#



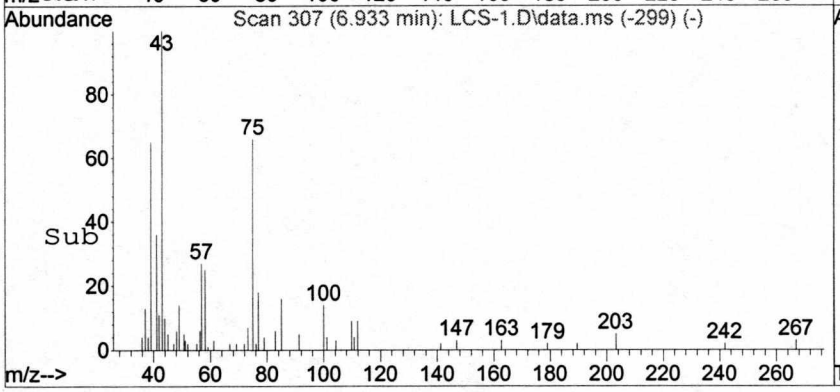


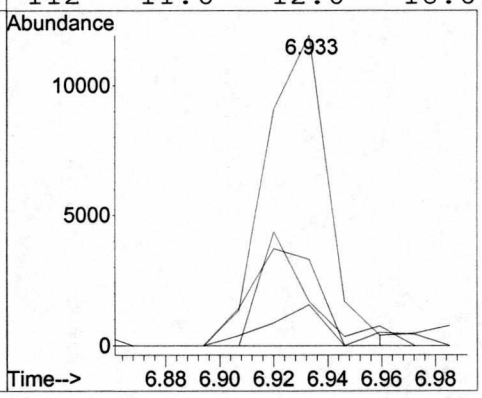


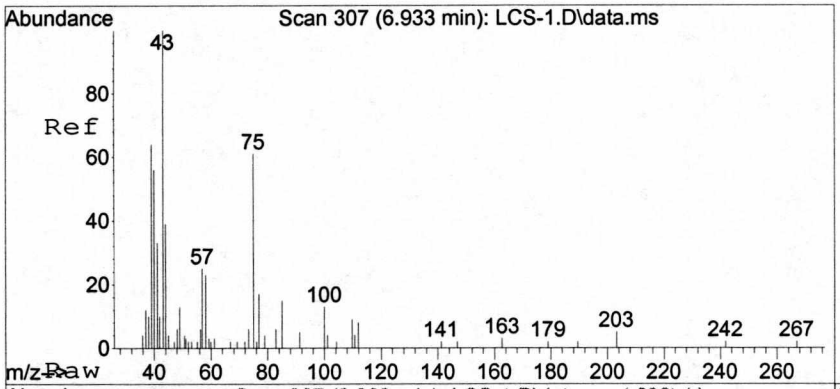
#52
cis-1,3-Dichloropropene
Concen: 42.71 ppbv
RT: 6.933 min Scan# 307
Delta R.T. 0.003 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 75 Resp: 19191

Ion	Ratio	Lower	Upper
75	100		
110	29.2	17.1	25.7#
77	34.5	25.0	37.4
112	11.6	12.0	18.0#



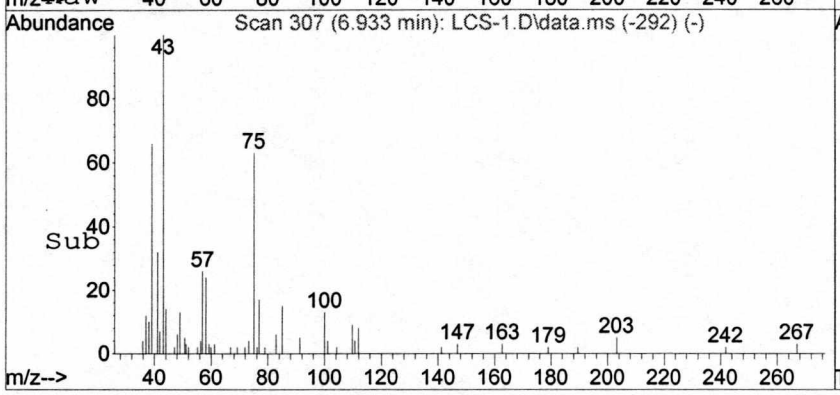


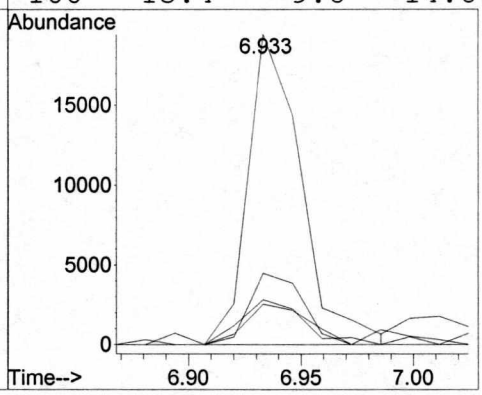


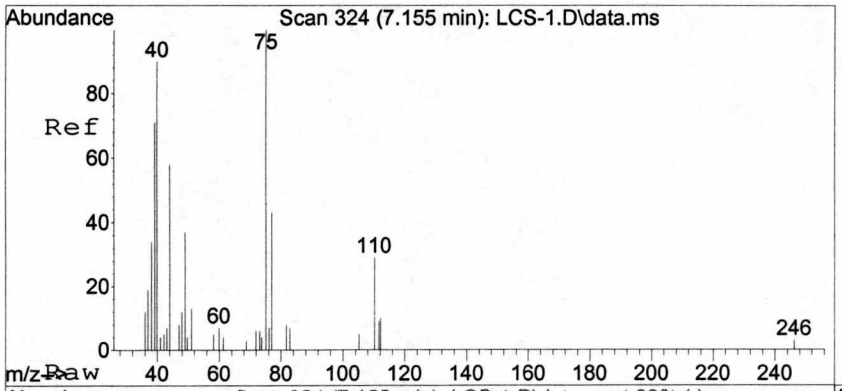
#53
4-Methyl-2-Pentanone
Concen: 38.36 ppbv
RT: 6.933 min Scan# 307
Delta R.T. -0.010 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 43 Resp: 32046

Ion	Ratio	Lower	Upper
43	100		
58	23.2	26.1	39.1#
85	17.2	7.8	11.8#
100	15.4	9.8	14.8#



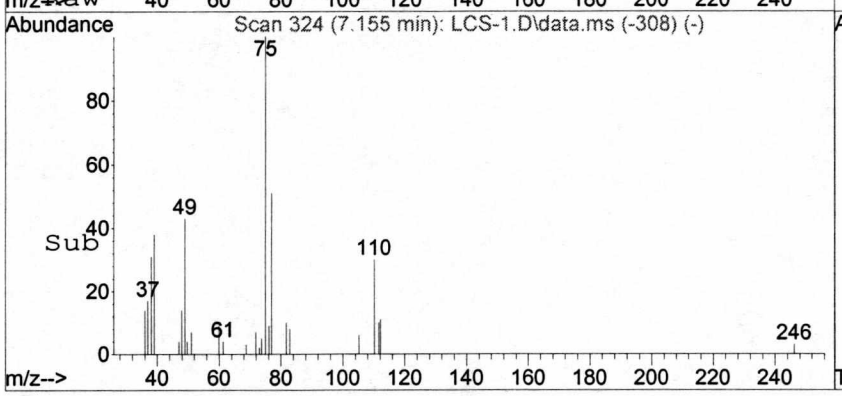


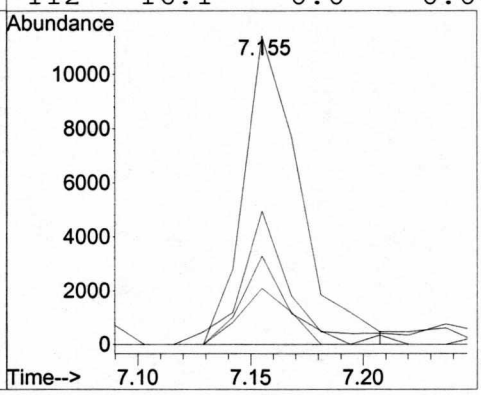


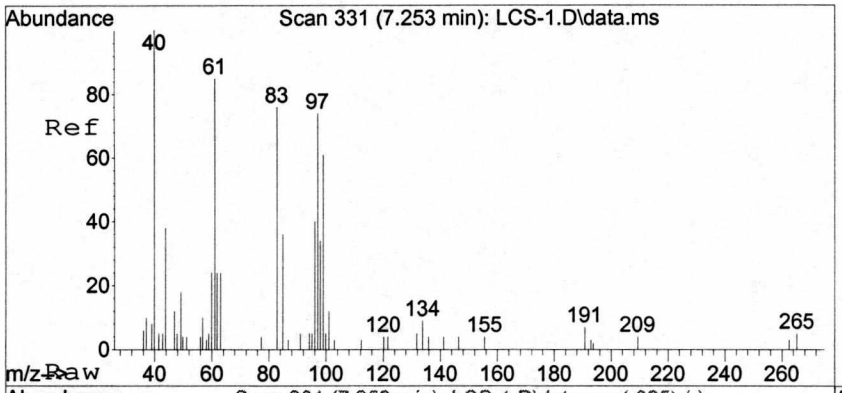
#54
trans-1,3-Dichloropene
Concen: 41.29 ppbv
RT: 7.155 min Scan# 324
Delta R.T. 0.012 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 75 Resp: 19925

Ion	Ratio	Lower	Upper
75	100		
110	23.4	18.5	27.7
77	36.5	44.1	66.1#
112	16.1	0.0	0.0#



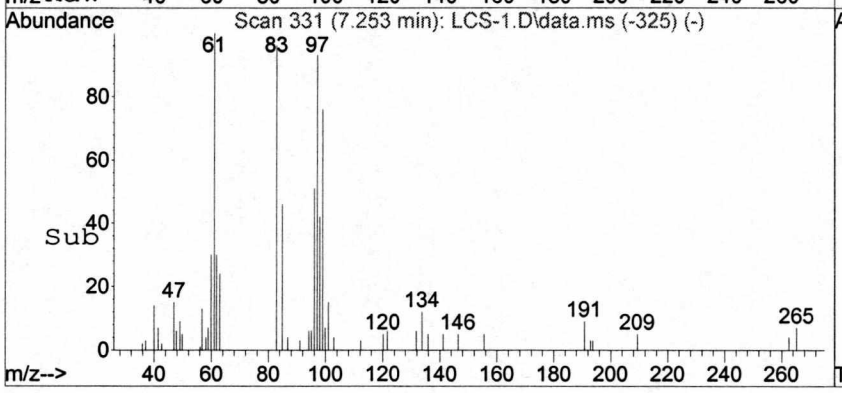


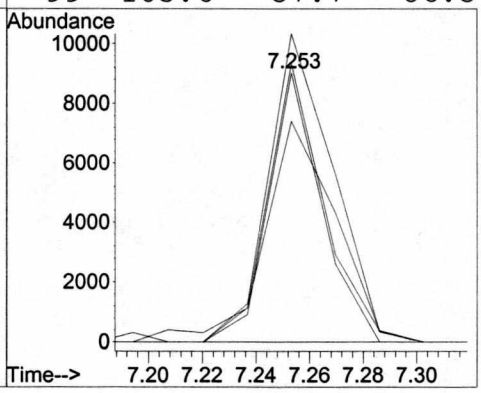


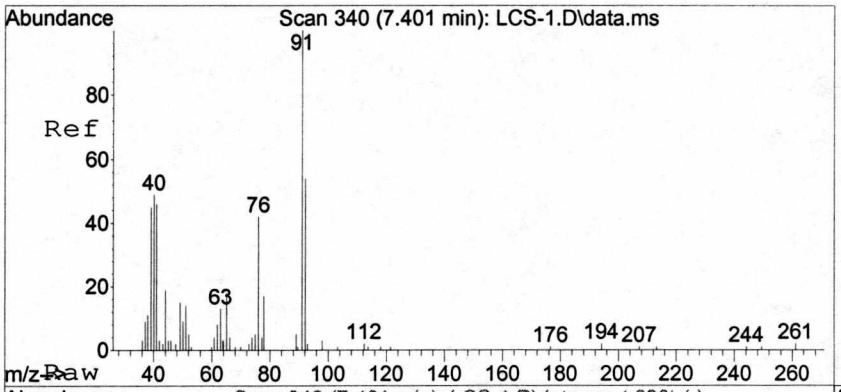
#55
1,1,2-Trichloroethane
Concen: 42.29 ppbv
RT: 7.253 min Scan# 331
Delta R.T. -0.016 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 97 Resp: 12348

Ion	Ratio	Lower	Upper
97	100		
83	109.6	48.6	73.0#
61	139.9	52.6	78.8#
99	105.6	57.7	86.5#



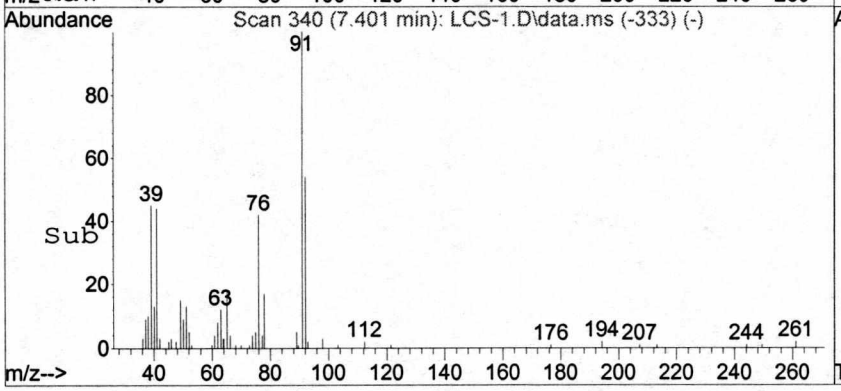


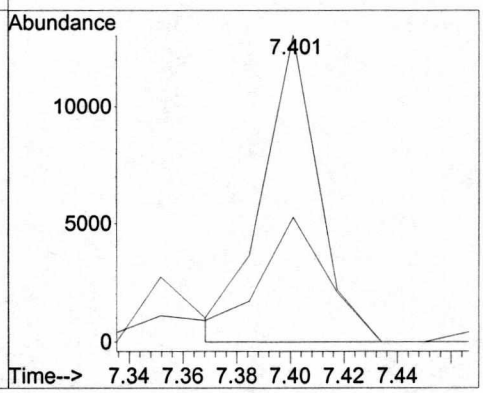


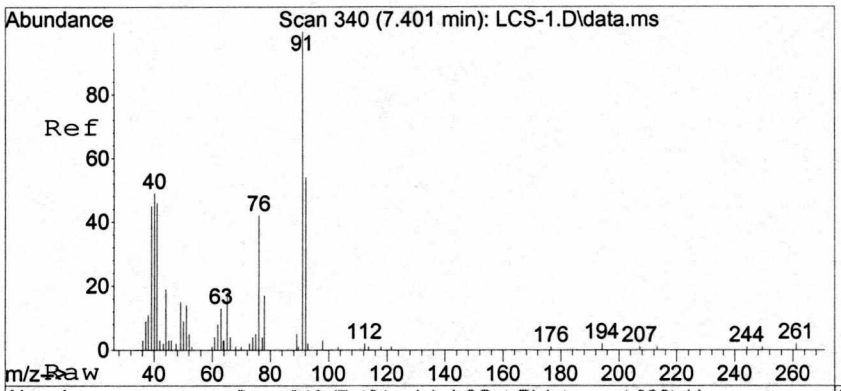
#57
1,3 Dichloropropane
Concen: 46.51 ppbv
RT: 7.401 min Scan# 340
Delta R.T. 0.001 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 76 Resp: 18583

Ion	Ratio	Lower	Upper
76	100		
78	47.9	31.3	46.9#



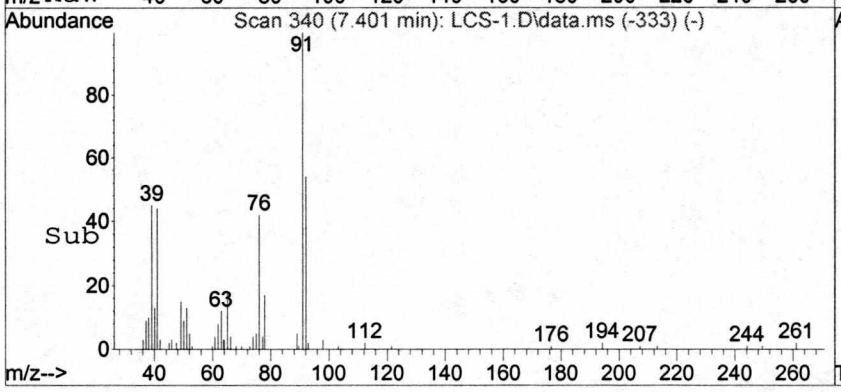


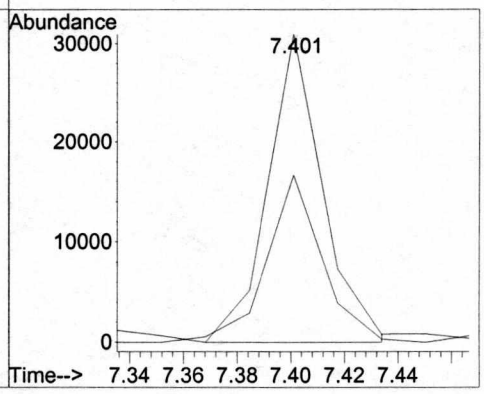


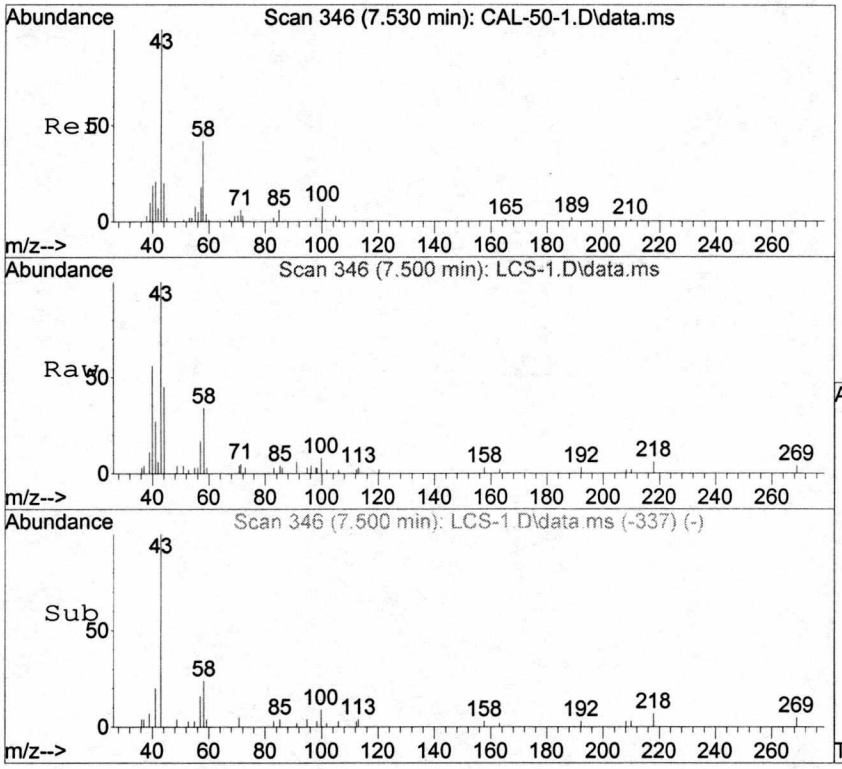
#58
Toluene
Concen: 47.25 ppbv
RT: 7.401 min Scan# 340
Delta R.T. 0.001 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 91 Resp: 43665

Ion	Ratio	Lower	Upper
91	100		
92	55.0	49.9	74.9



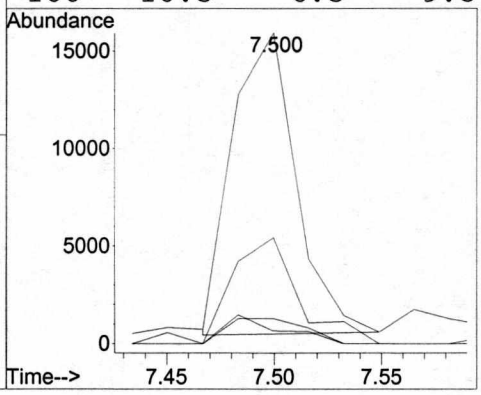


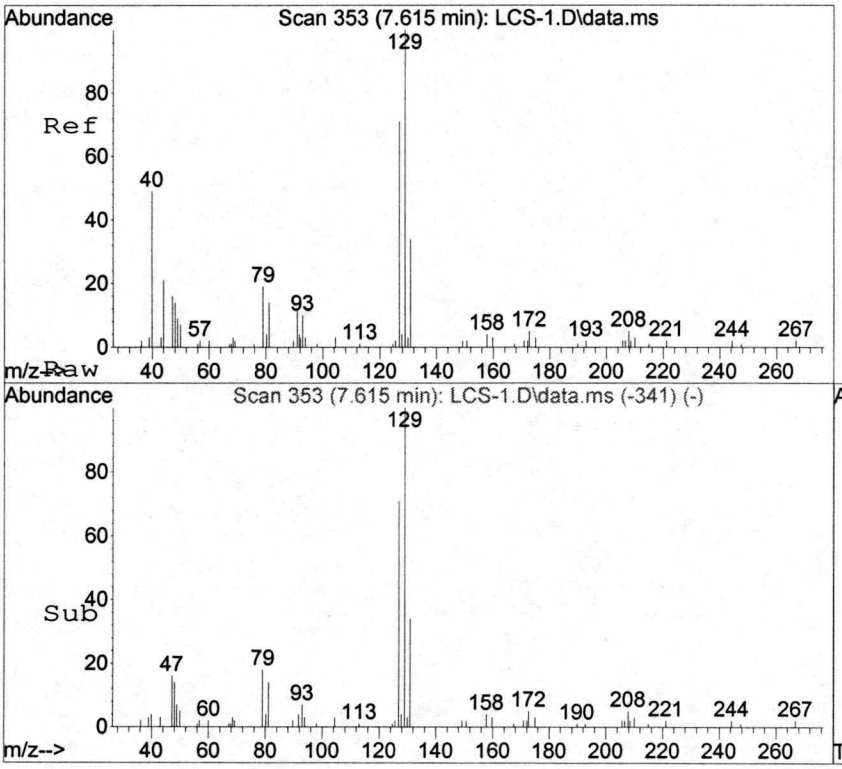


#59
2-Hexanone
Concen: 43.71 ppbv
RT: 7.500 min Scan# 346
Delta R.T. 0.018 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 43 Resp: 32060

Ion	Ratio	Lower	Upper
43	100		
58	36.4	42.2	63.4#
85	8.4	3.3	4.9#
100	10.3	6.3	9.5#

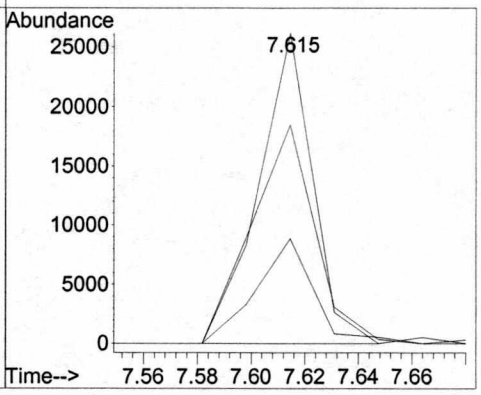


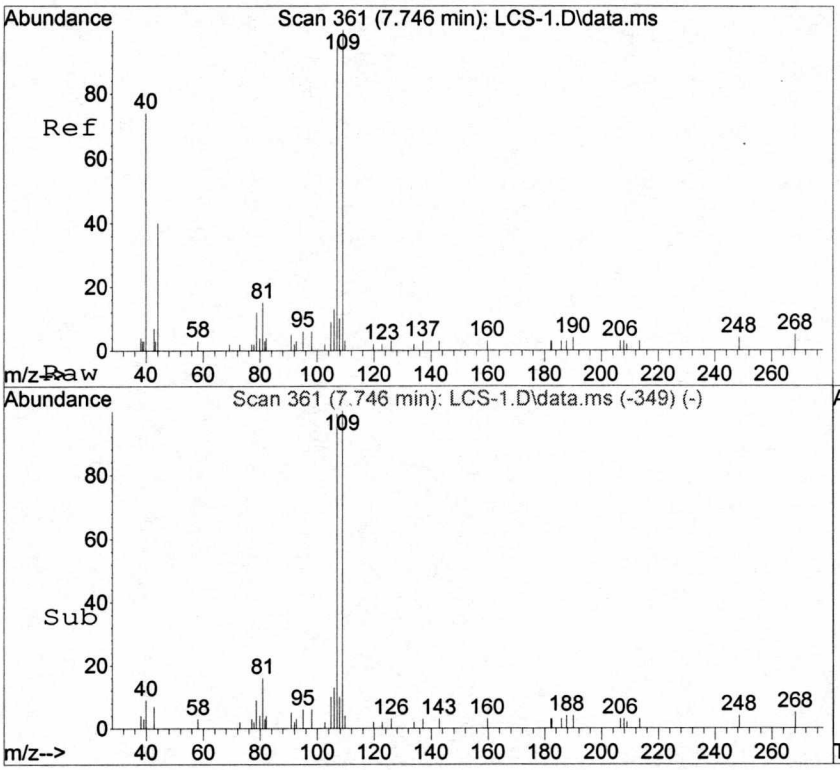


#60
Dibromochloromethane
Concen: 49.34 ppbv
RT: 7.615 min Scan# 353
Delta R.T. 0.002 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:129 Resp: 36634

Ion	Ratio	Lower	Upper
129	100		
127	83.1	70.1	105.1
131	36.4	23.0	34.6#

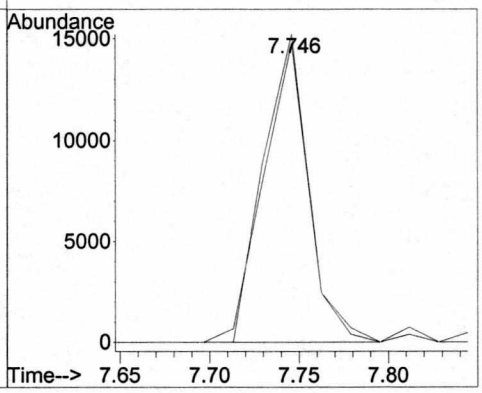


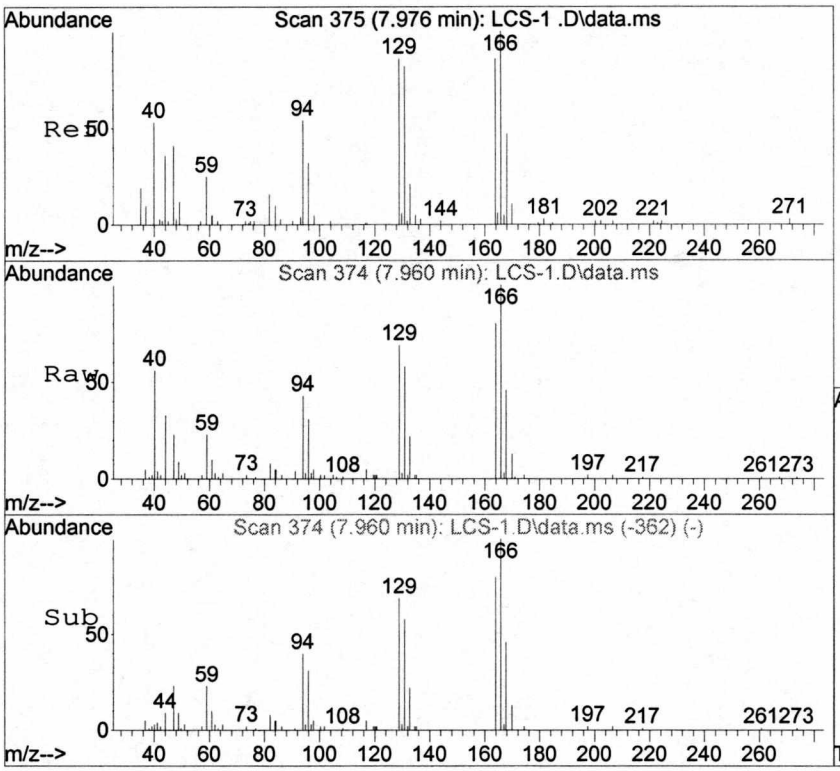


#61
1,2-Dibromoethane
Concen: 51.49 ppbv
RT: 7.746 min Scan# 361
Delta R.T. 0.002 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:107 Resp: 25898

Ion	Ratio	Lower	Upper
107	100		
109	103.8	71.6	107.4

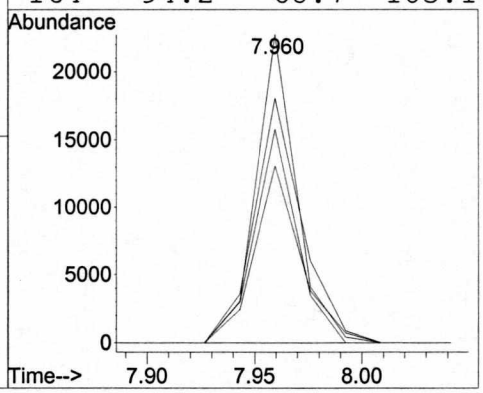


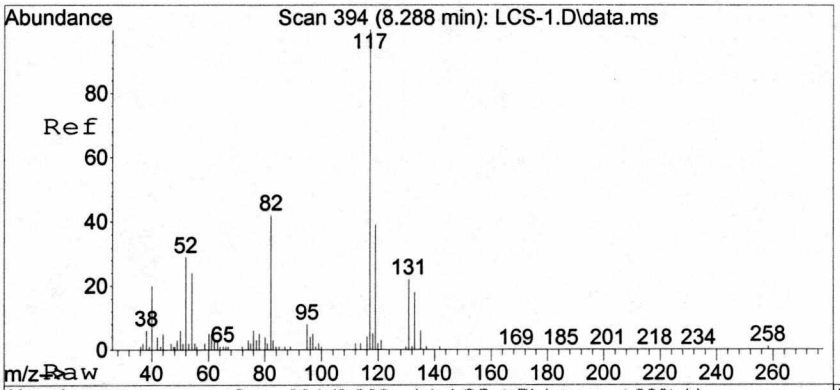


#62
Tetrachloroethene
Concen: 60.16 ppbv
RT: 7.960 min Scan# 374
Delta R.T. 0.002 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:166 Resp: 29899

Ion	Ratio	Lower	Upper
166	100		
131	66.2	65.7	98.5
129	73.5	68.8	103.2
164	94.2	68.7	103.1

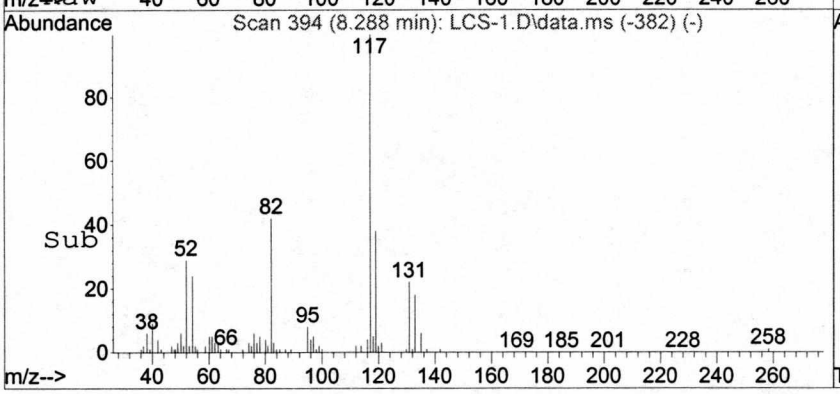


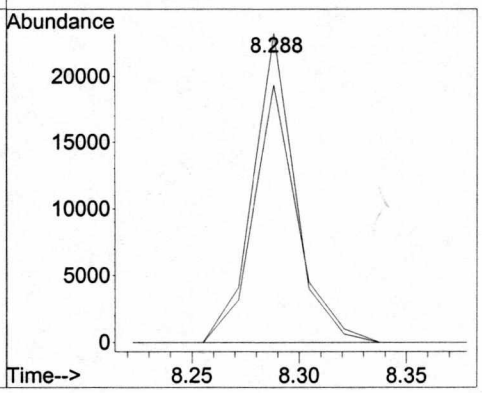


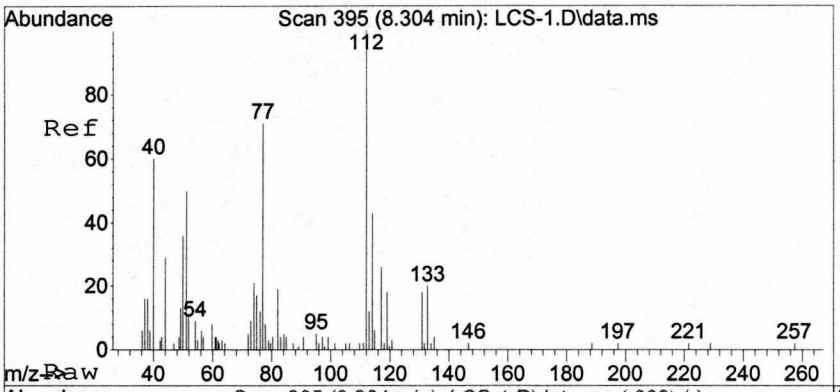
#64
1,1,1,2 Tetrachloroethane
Concen: 69.18 ppbv
RT: 8.288 min Scan# 394
Delta R.T. -0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:131 Resp: 31623

Ion	Ratio	Lower	Upper
131	100		
133	87.5	61.2	91.8



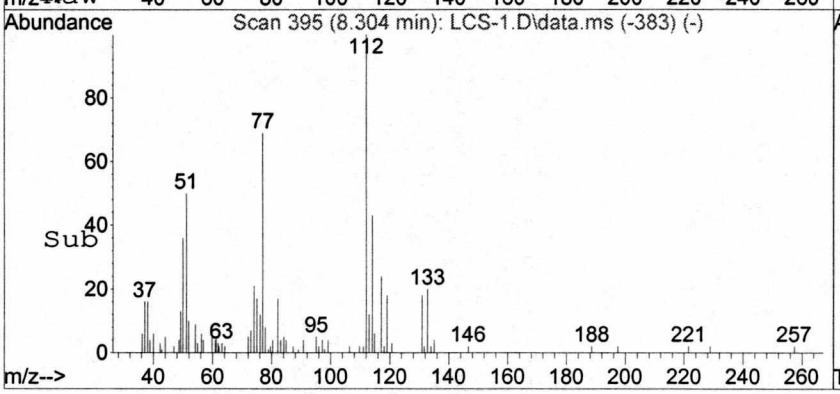


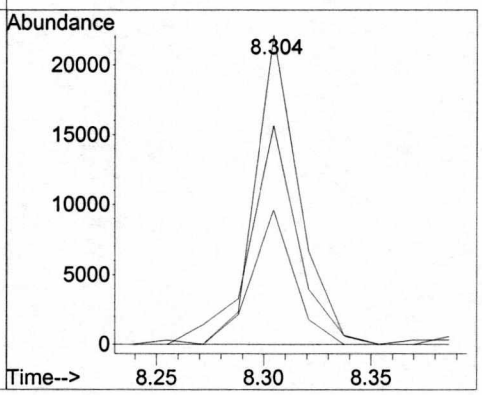


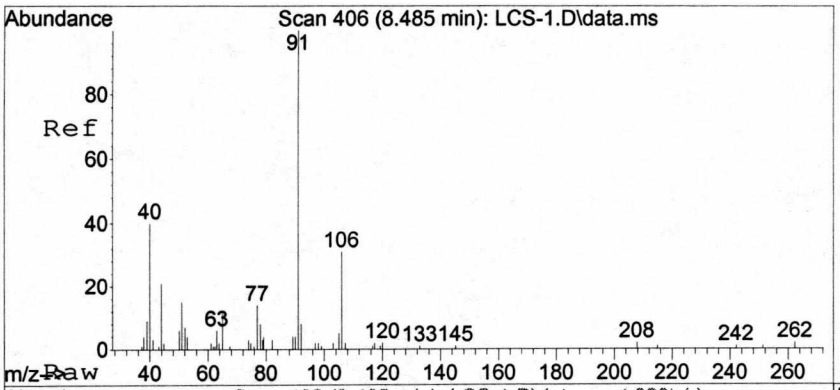
#65
Chlorobenzene
Concen: 45.11 ppbv
RT: 8.304 min Scan# 395
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:112 Resp: 31295

Ion	Ratio	Lower	Upper
112	100		
114	42.6	24.8	37.2#
77	78.6	54.9	82.3



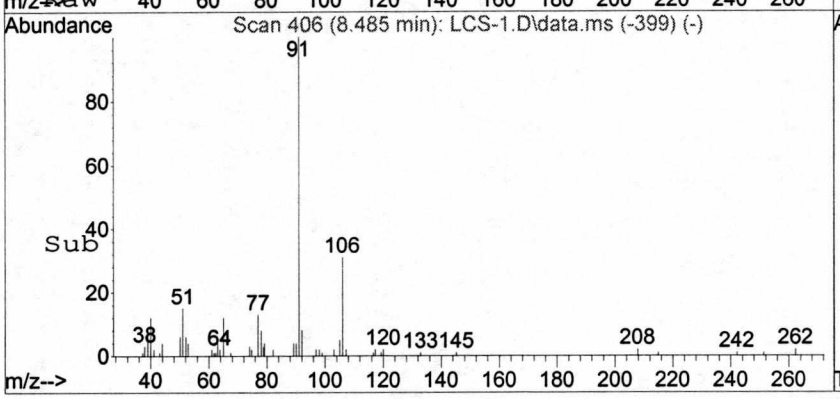


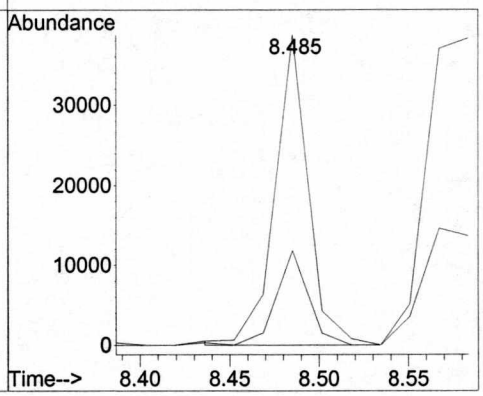


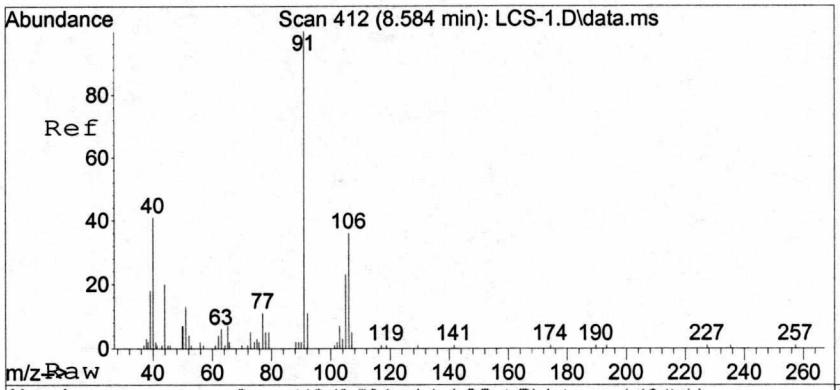
#66
Ethylbenzene
Concen: 40.47 ppbv
RT: 8.485 min Scan# 406
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 91 Resp: 50021

Ion	Ratio	Lower	Upper
91	100		
106	29.2	19.2	28.8#



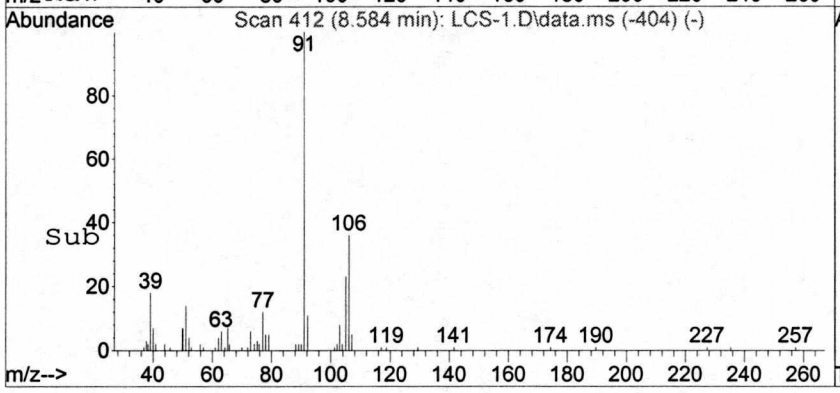


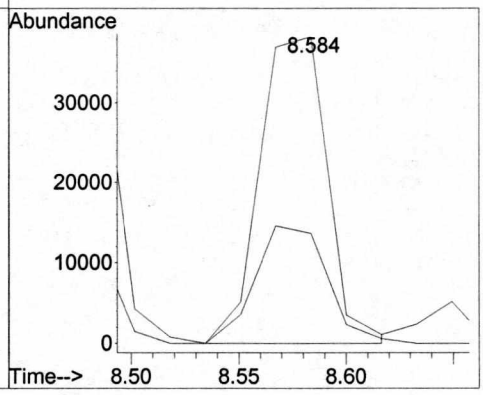


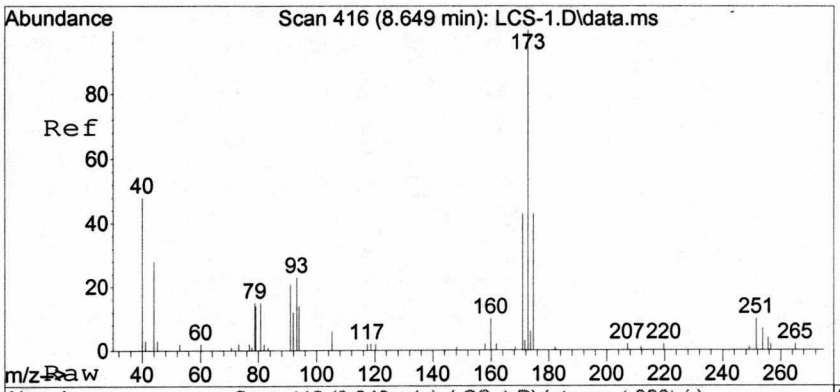
#67
m,p-xylene
Concen: 87.45 ppbv
RT: 8.584 min Scan# 412
Delta R.T. 0.016 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 91 Resp: 83751

Ion	Ratio	Lower	Upper
91	100		
106	40.8	32.6	49.0



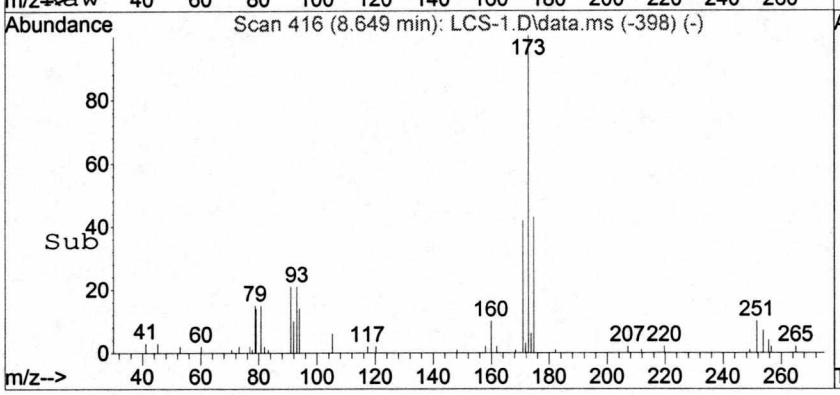


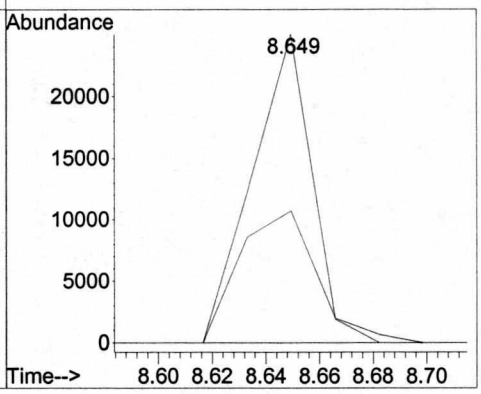


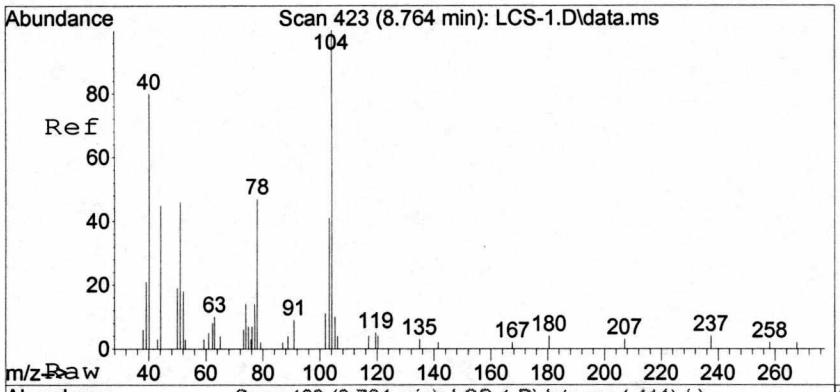
#68
Bromoform
Concen: 52.50 ppbv
RT: 8.649 min Scan# 416
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:173 Resp: 38490

Ion	Ratio	Lower	Upper
173	100		
175	56.1	31.1	71.1



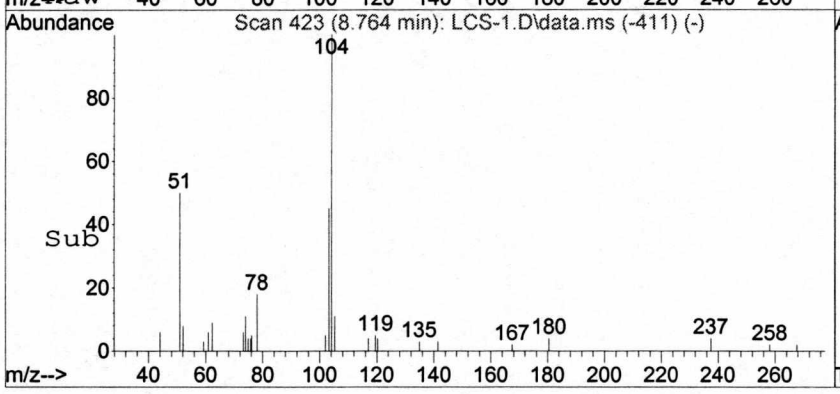


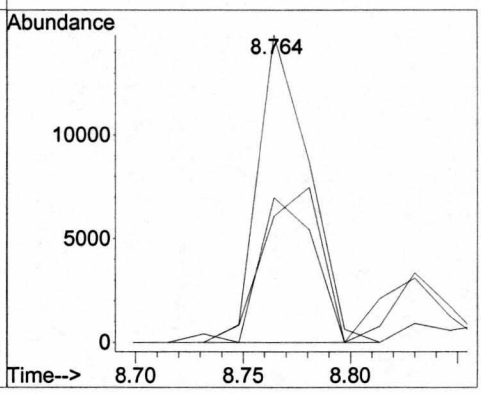


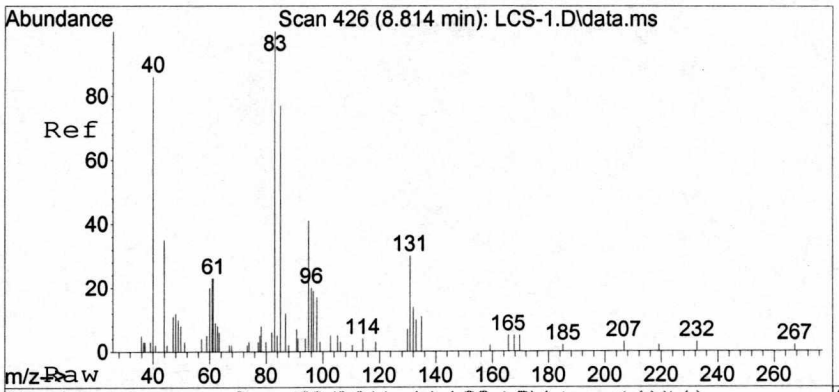
#69
Styrene
Concen: 35.06 ppbv
RT: 8.764 min Scan# 423
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:104 Resp: 24650

Ion	Ratio	Lower	Upper
104	100		
78	49.6	41.0	61.6
103	57.5	36.0	54.0#



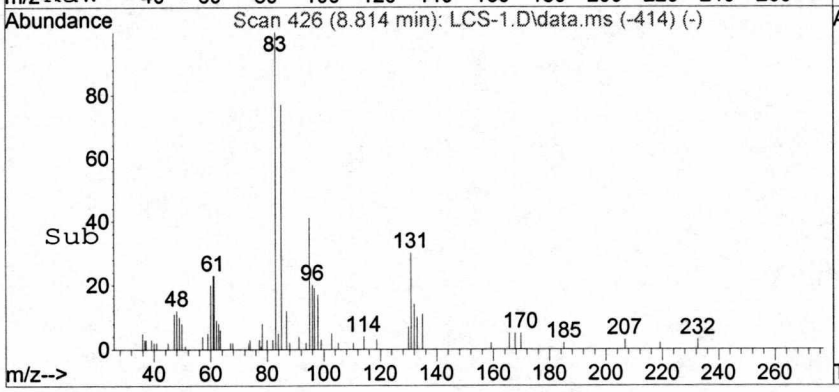


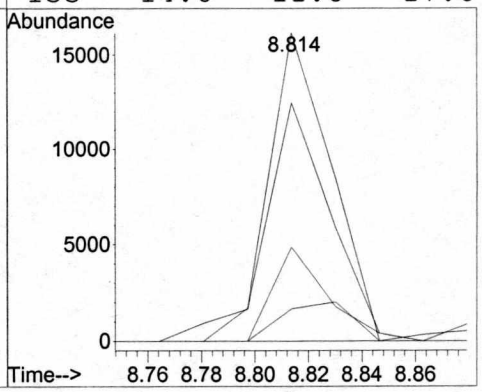


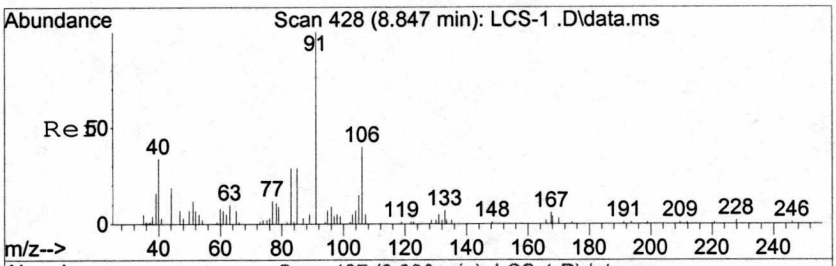
#70
1,1,2,2-Tetrachloroethane
Concen: 47.68 ppbv
RT: 8.814 min Scan# 426
Delta R.T. -0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

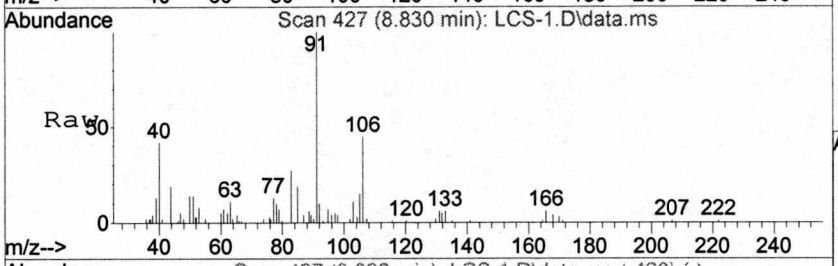
Tgt Ion: 83 Resp: 25920

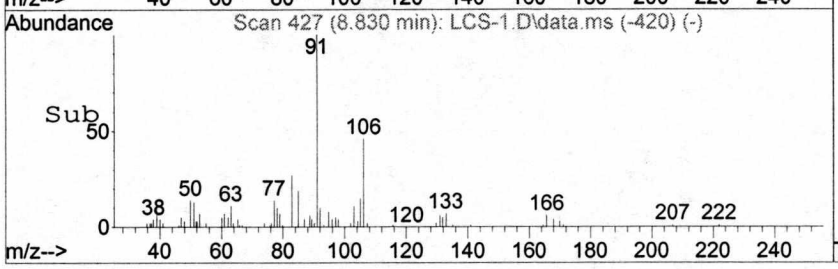
Ion	Ratio	Lower	Upper
83	100		
85	80.9	50.6	76.0#
131	26.6	11.3	16.9#
133	14.0	11.8	17.8







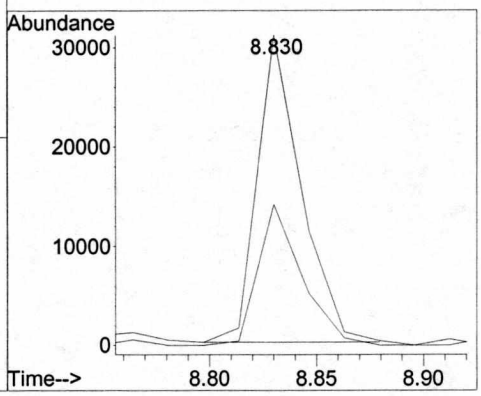


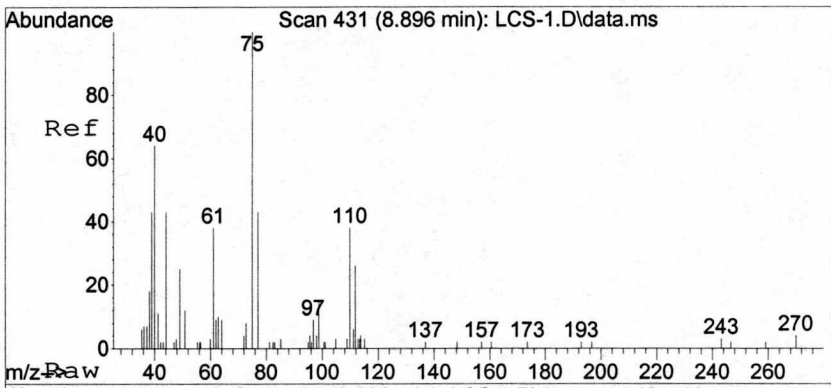


#71
o-xylene
Concen: 44.84 ppbv
RT: 8.830 min Scan# 427
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 91 Resp: 44149

Ion	Ratio	Lower	Upper
91	100		
106	46.1	27.1	40.7#

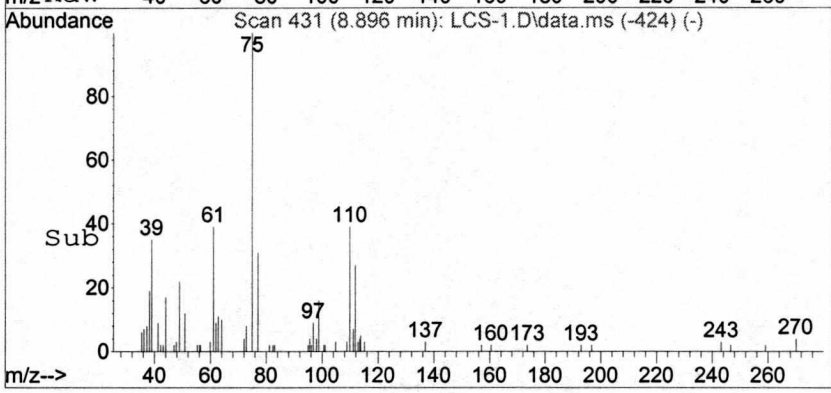


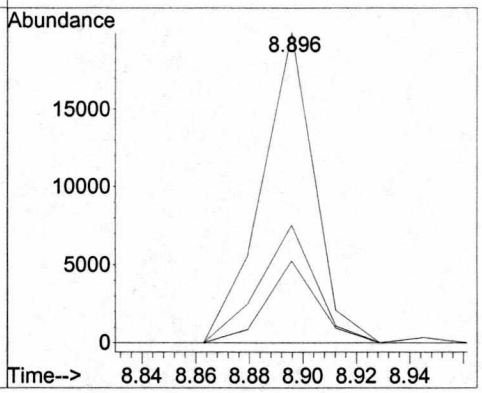


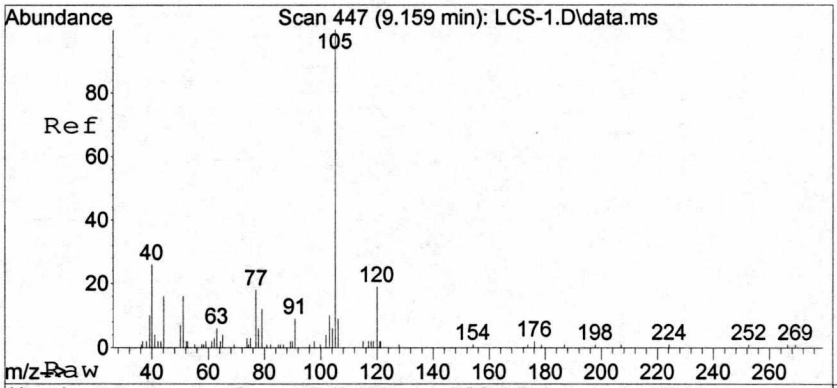
#72
1,2,3-Trichloropropane
Concen: 55.02 ppbv
RT: 8.896 min Scan# 431
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 75 Resp: 27221

Ion	Ratio	Lower	Upper
75	100		
110	40.3	22.6	34.0#
112	25.6	20.7	31.1



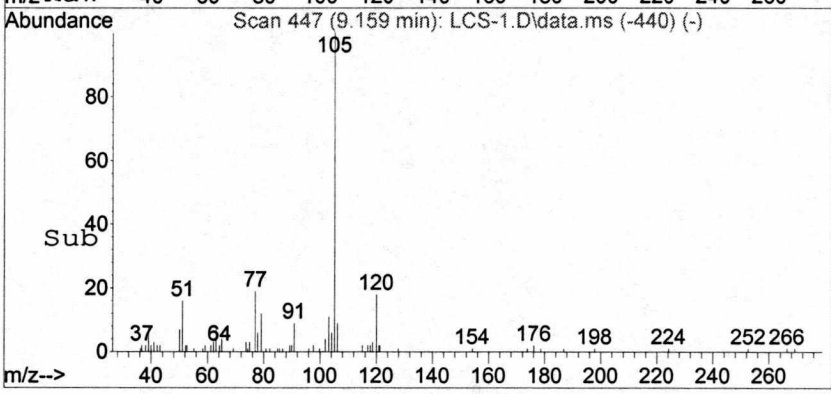


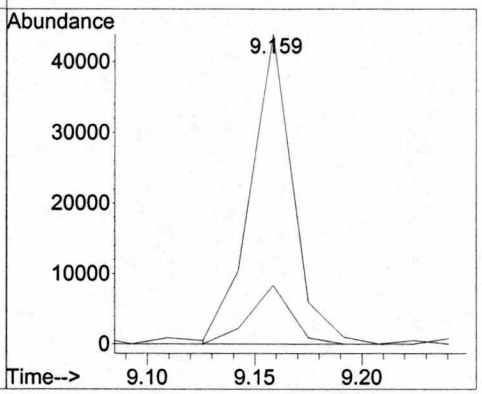


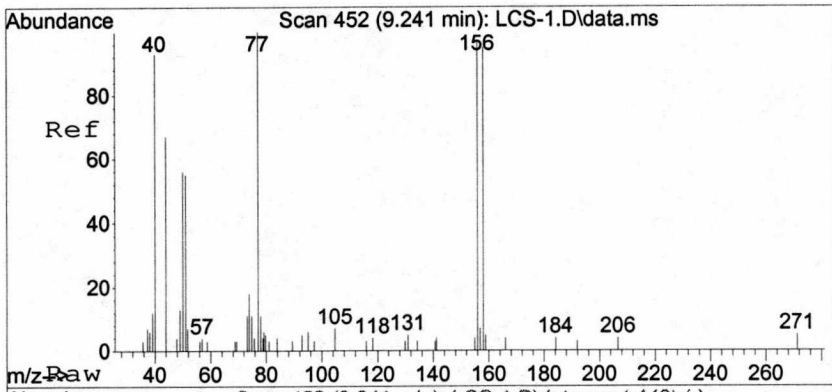
#73
Isopropylbenzene
Concen: 45.37 ppbv
RT: 9.159 min Scan# 447
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:105 Resp: 60378

Ion	Ratio	Lower	Upper
105	100		
120	18.7	25.3	37.9#



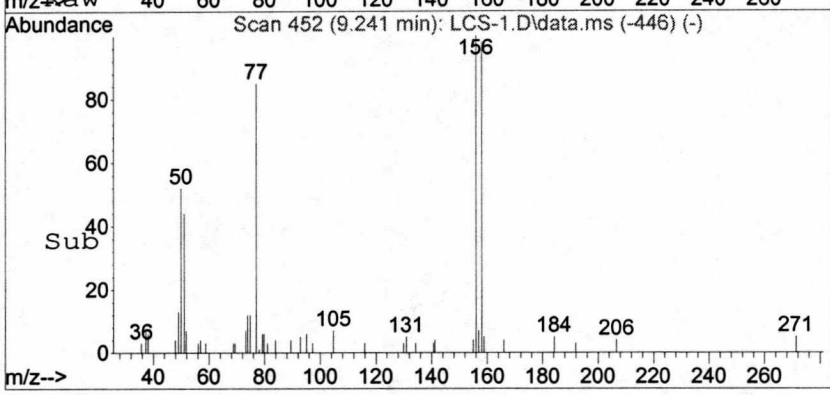


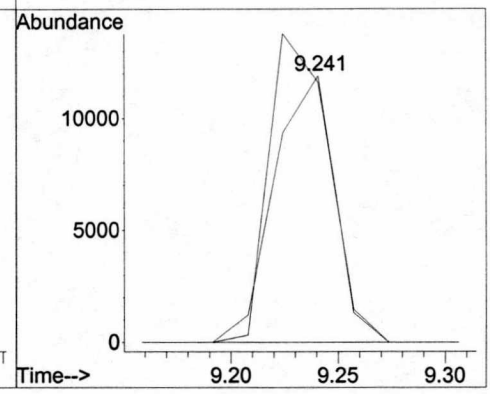


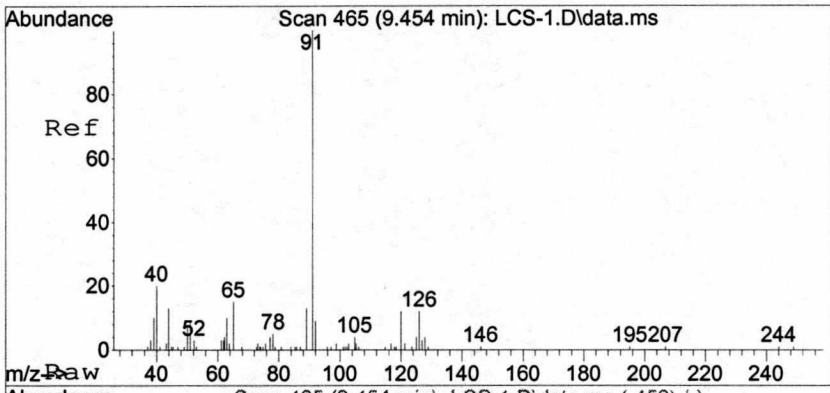
#75
Bromobenzene
Concen: 46.78 ppbv
RT: 9.241 min Scan# 452
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:156 Resp: 23475

Ion	Ratio	Lower	Upper
156	100		
158	114.2	60.8	91.2#



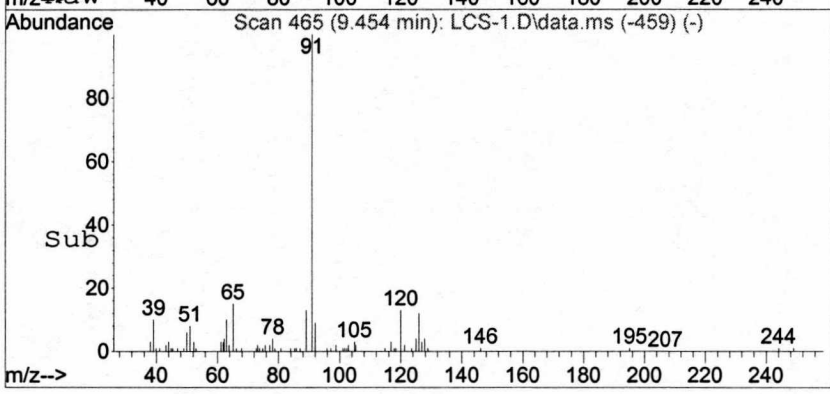


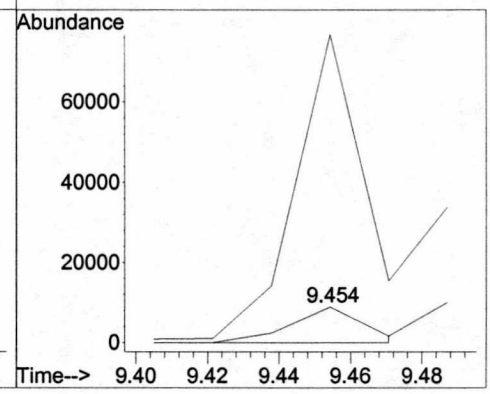


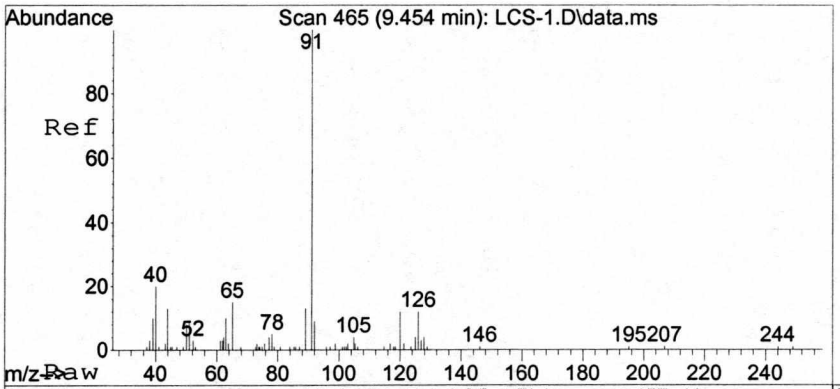
#76
2-Chlorotoluene
Concen: 35.56 ppbv
RT: 9.454 min Scan# 465
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:126 Resp: 12649

Ion	Ratio	Lower	Upper
126	100		
91	807.6	625.9	938.9



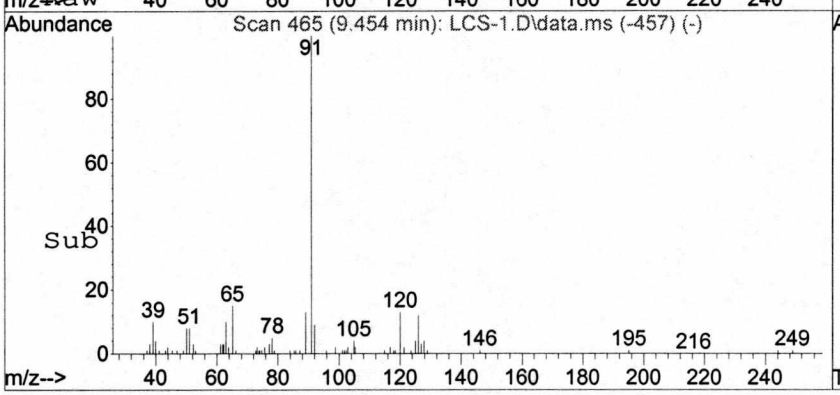


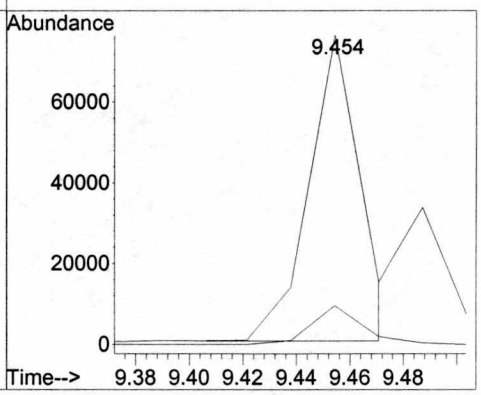


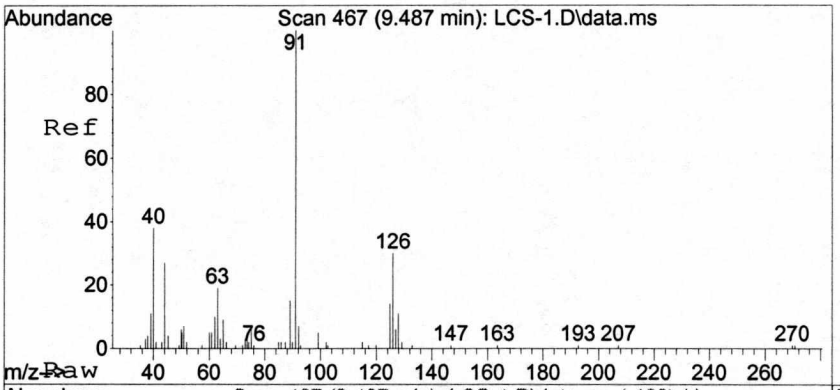
#77
n-Propylbenzene
Concen: 31.27 ppbv
RT: 9.454 min Scan# 465
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 91 Resp: 102154

Ion	Ratio	Lower	Upper
91	100		
120	12.5	12.0	18.0



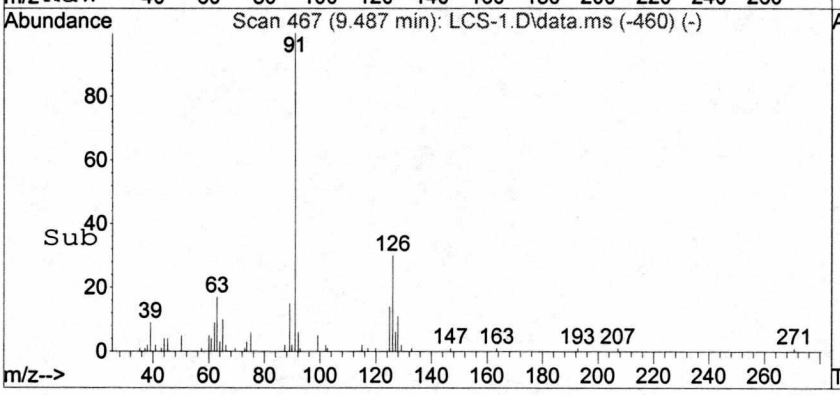


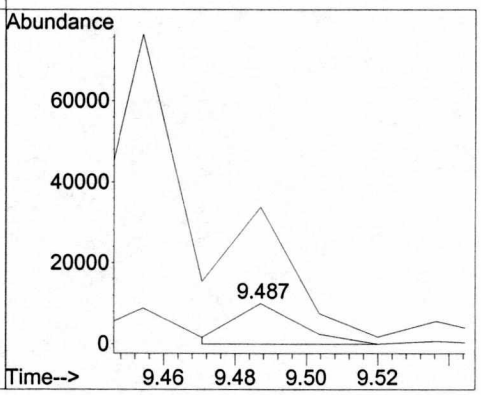


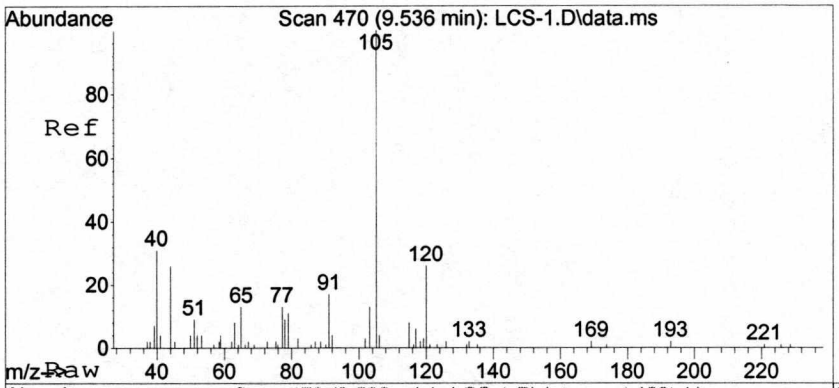
#78
4-Chlorotoluene
Concen: 44.73 ppbv
RT: 9.487 min Scan# 467
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:126 Resp: 12238

Ion	Ratio	Lower	Upper
126	100		
91	0.0	215.9	323.9#



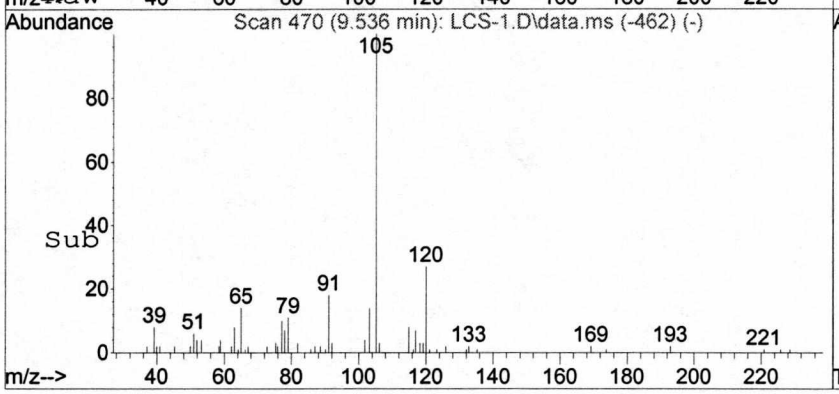


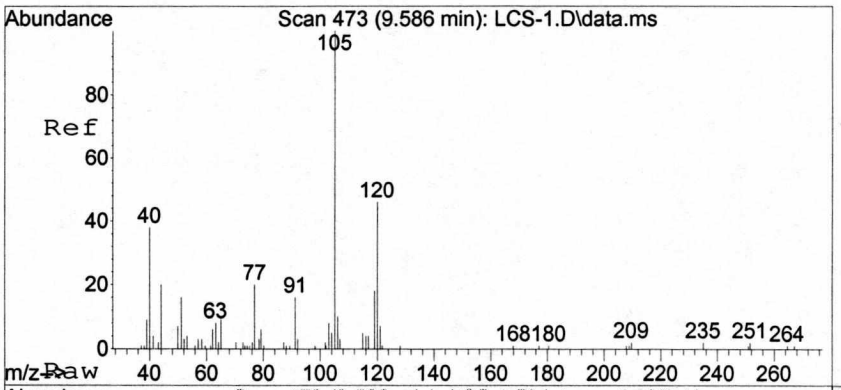


#79
4-Ethyltoluene
Concen: 40.23 ppbv
RT: 9.536 min Scan# 470
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:105 Resp: 51540

Ion	Ratio	Lower	Upper
105	100		
120	37.2	22.9	34.3#

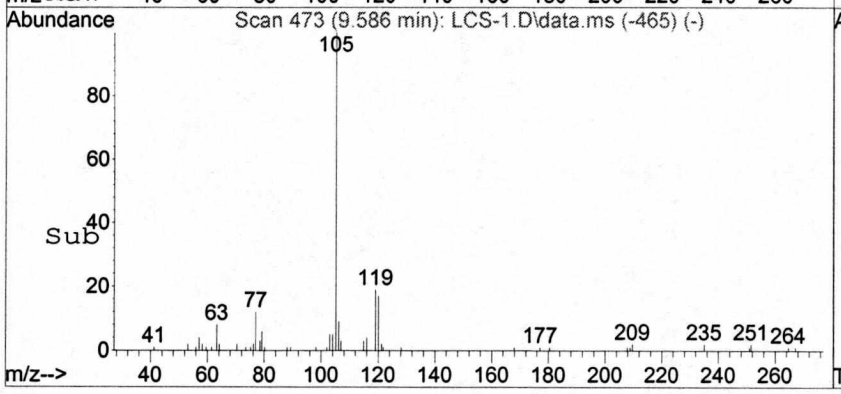


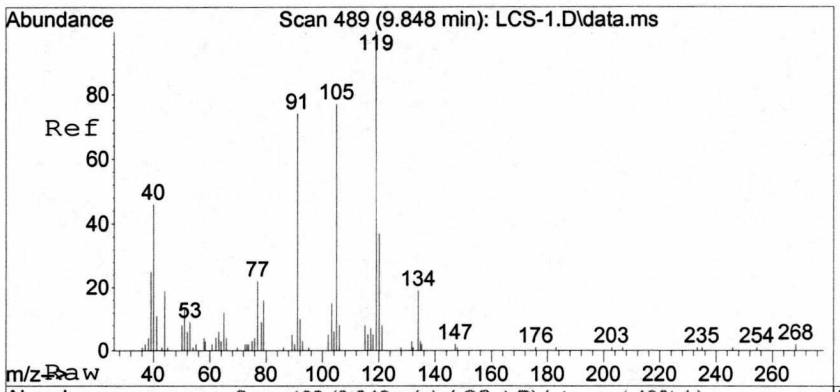


#80
1,3,5-Trimethylbenzene
Concen: 29.69 ppbv
RT: 9.586 min Scan# 473
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:105 Resp: 33034

Ion	Ratio	Lower	Upper
105	100		
120	53.1	40.8	61.2

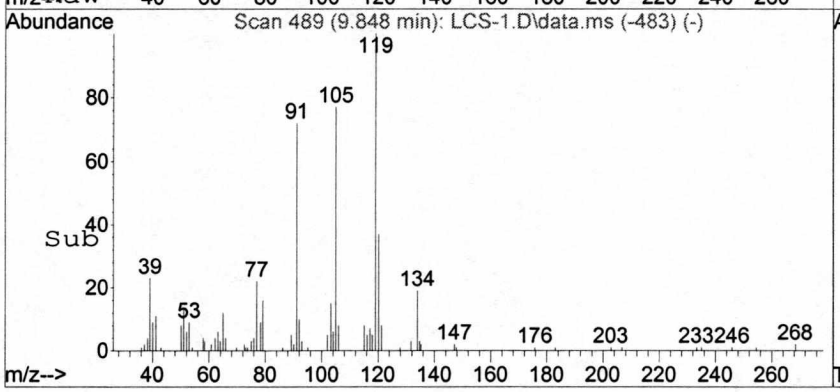


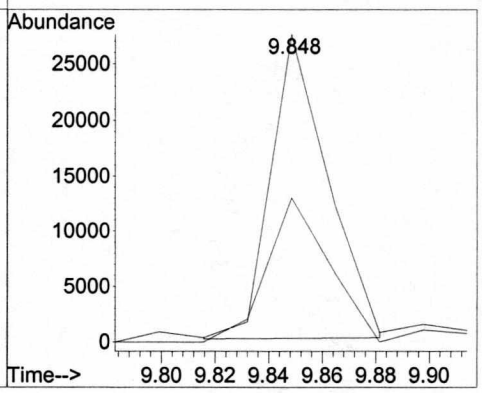


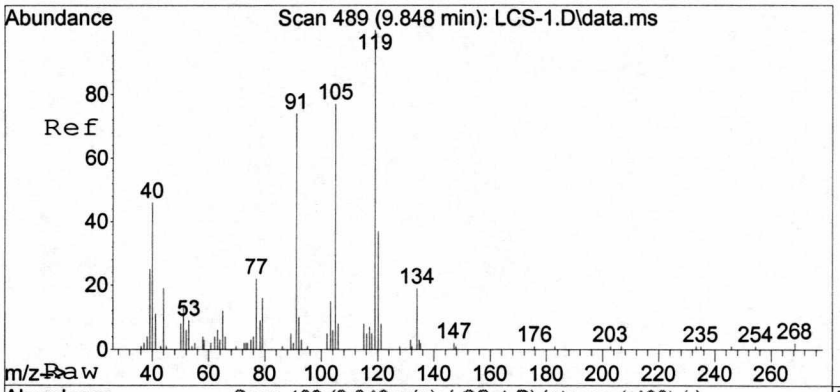
#81
1,2,4-Trimethylbenzene
Concen: 37.61 ppbv
RT: 9.848 min Scan# 489
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:105 Resp: 40555

Ion	Ratio	Lower	Upper
105	100		
120	51.6	37.0	55.4



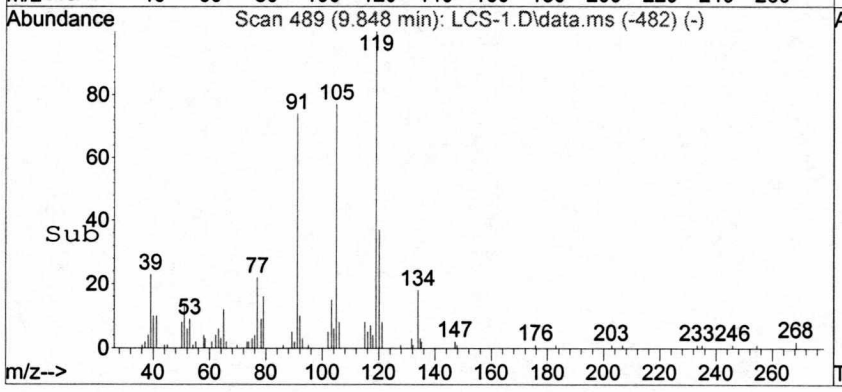


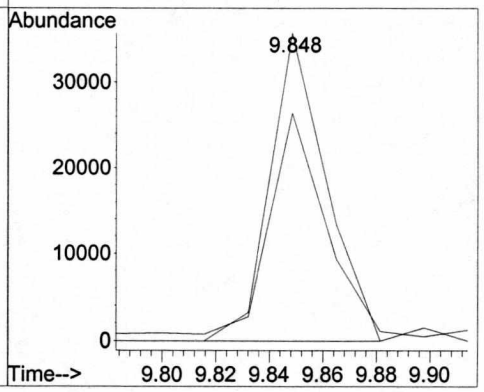


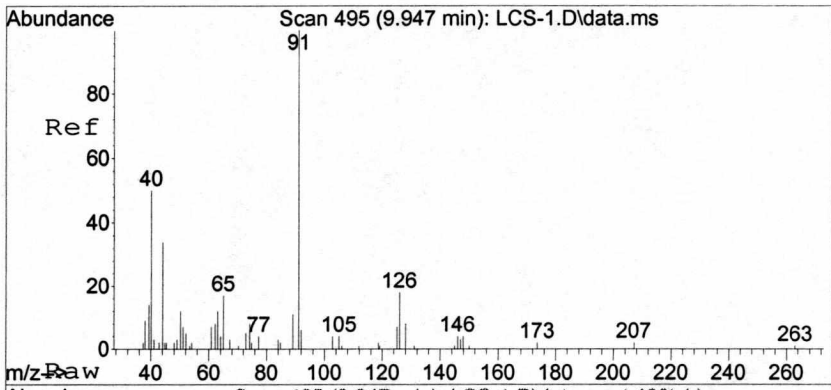
#82
tert-Butylbenzene
Concen: 41.93 ppbv
RT: 9.848 min Scan# 489
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:119 Resp: 51465

Ion	Ratio	Lower	Upper
119	100		
91	71.8	61.4	92.0



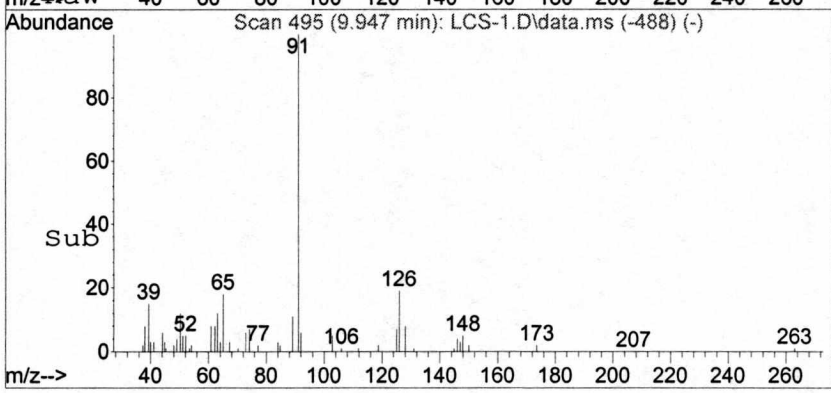


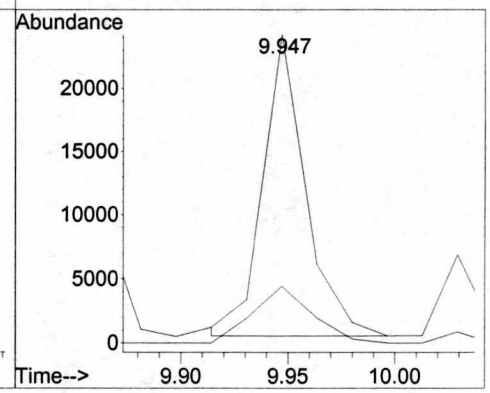


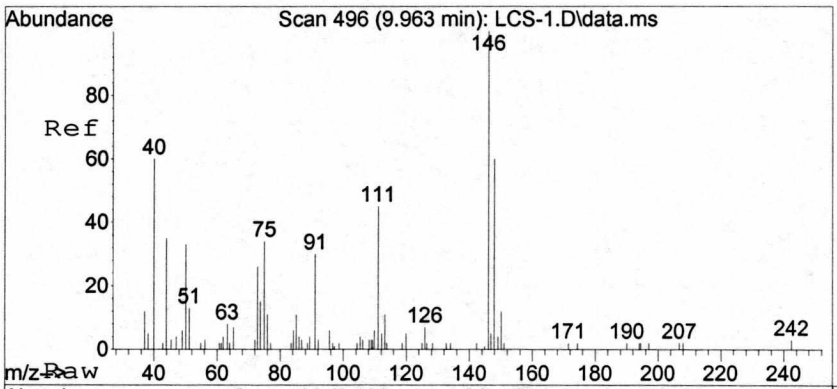
#83
Benzyl Chloride
Concen: 31.35 ppbv
RT: 9.947 min Scan# 495
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 91 Resp: 32644

Ion	Ratio	Lower	Upper
91	100		
126	26.1	16.3	24.5#



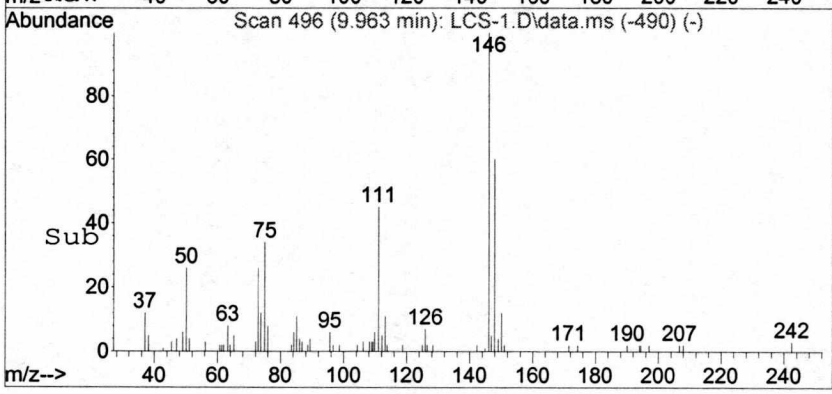


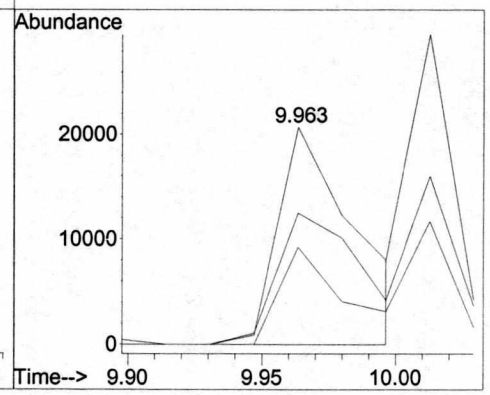


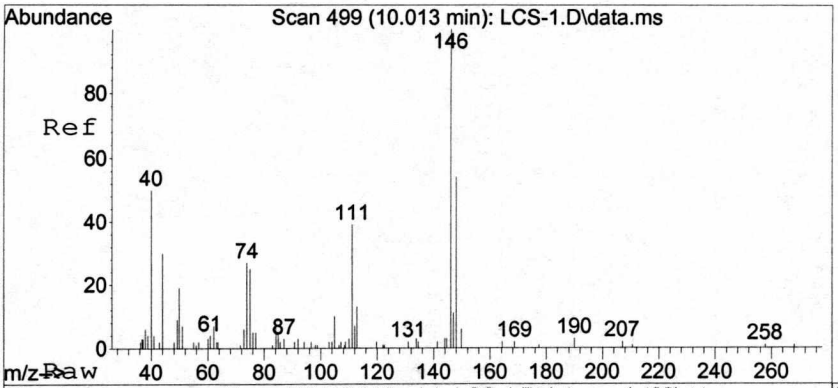
#84
1,3-Dichlorobenzene
Concen: 44.84 ppbv
RT: 9.963 min Scan# 496
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:146 Resp: 41211

Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.0	75.0
111	39.3	31.4	47.0



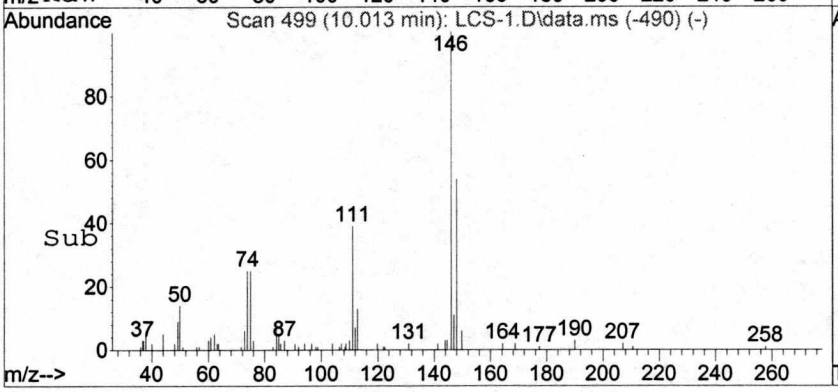


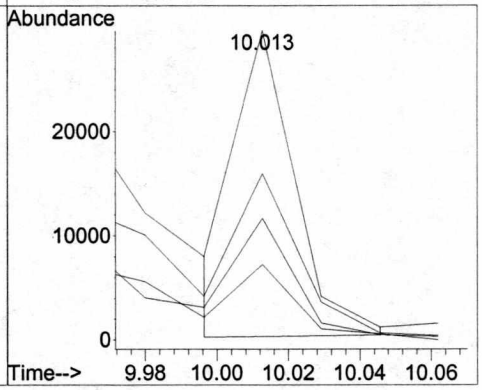


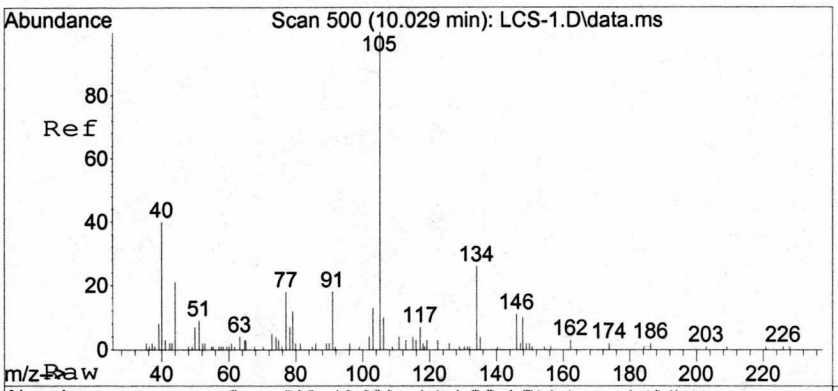
#85
1,4-Dichlorobenzene
Concen: 46.97 ppbv
RT: 10.013 min Scan# 499
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:146 Resp: 33507

Ion	Ratio	Lower	Upper
146	100		
148	60.9	59.2	88.8
111	37.4	39.8	59.6#
75	26.2	21.0	31.6



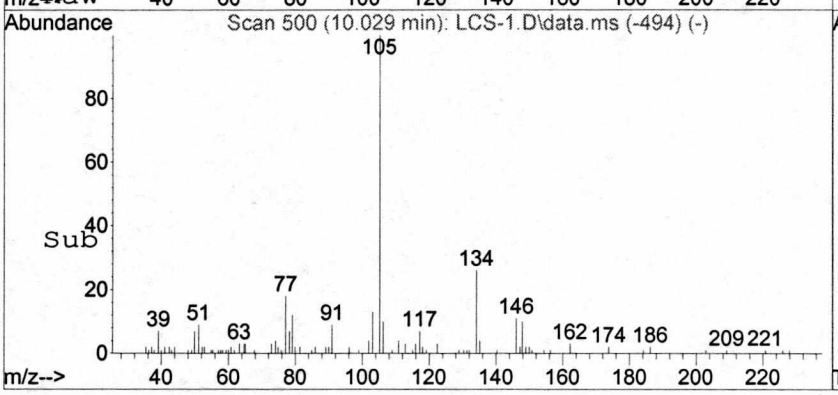


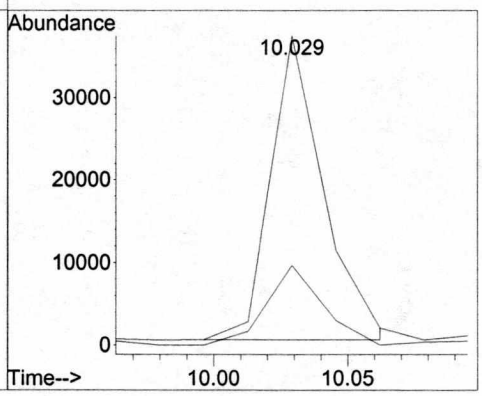


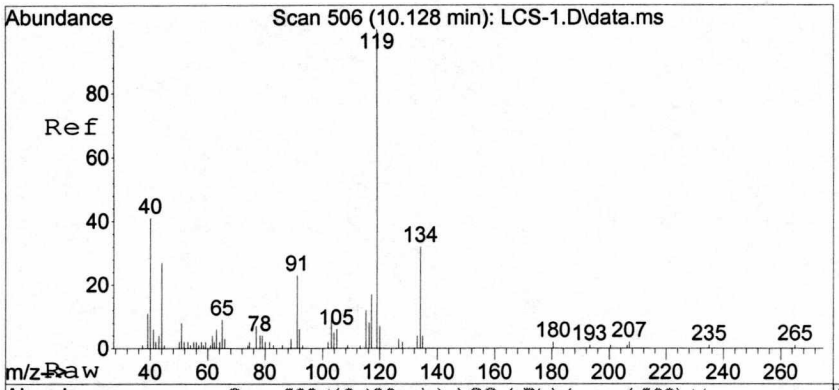
#86
sec-Butylbenzene
Concen: 33.79 ppbv
RT: 10.029 min Scan# 500
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:105 Resp: 50589

Ion	Ratio	Lower	Upper
105	100		
134	28.0	20.8	31.2



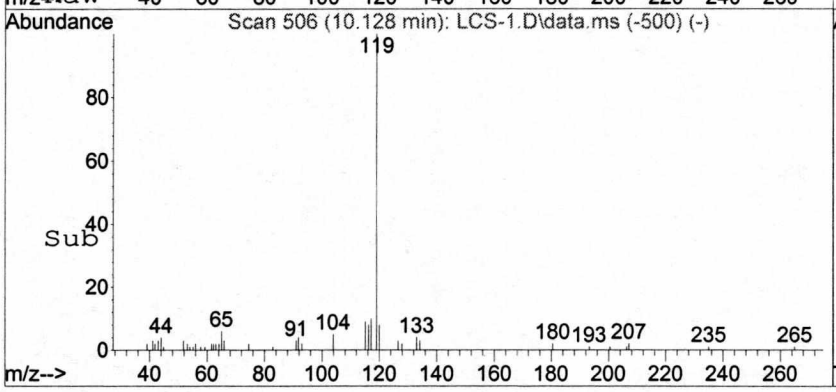


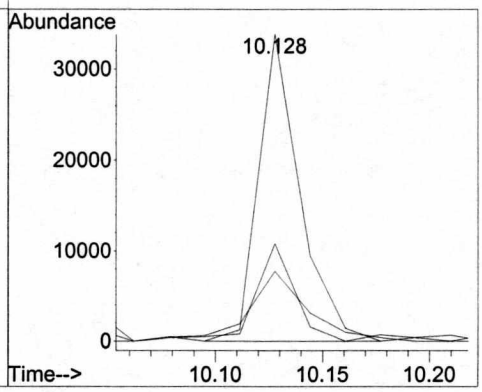


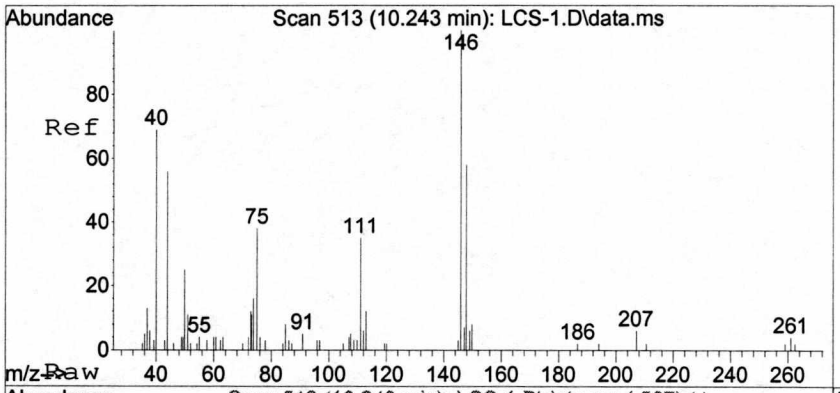
#87
p-Isopropyltoluene
Concen: 32.90 ppbv
RT: 10.128 min Scan# 506
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:119 Resp: 45237

Ion	Ratio	Lower	Upper
119	100		
91	33.0	22.4	33.6
134	28.6	23.0	34.4



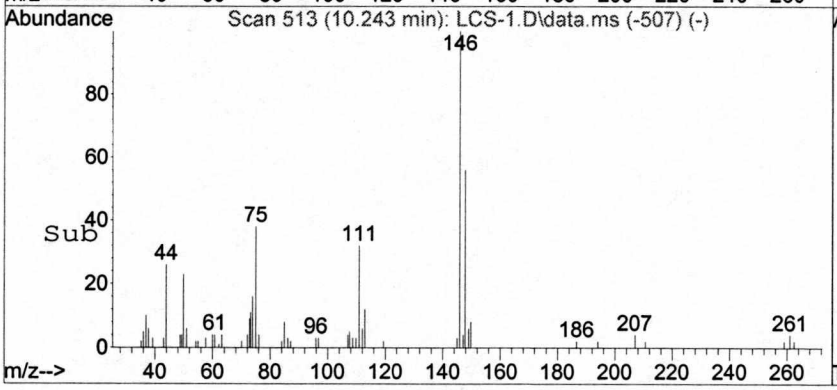


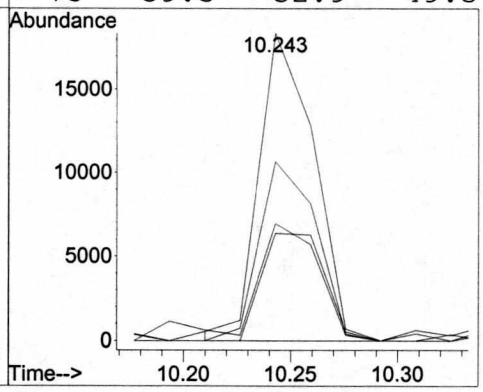


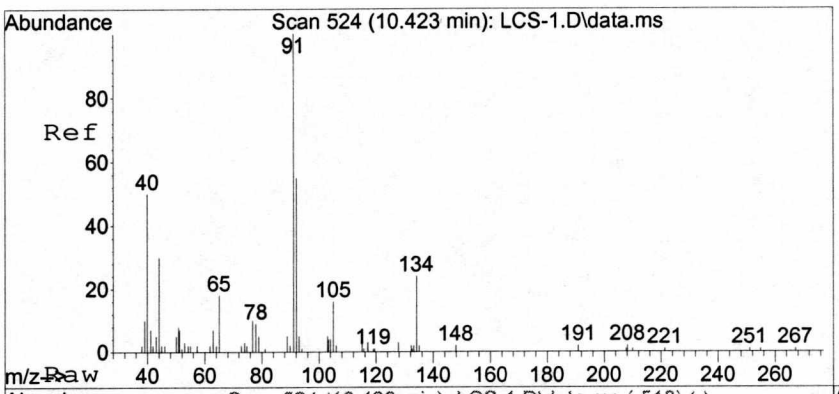
#88
1,2-Dichlorobenzene
Concen: 45.09 ppbv
RT: 10.243 min Scan# 513
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion:146 Resp: 32583

Ion	Ratio	Lower	Upper
146	100		
148	60.3	54.3	81.5
111	39.8	30.5	45.7
75	39.3	32.9	49.3



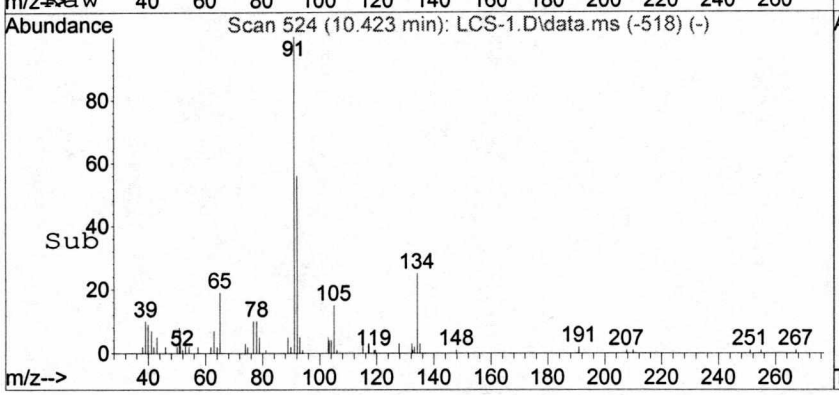


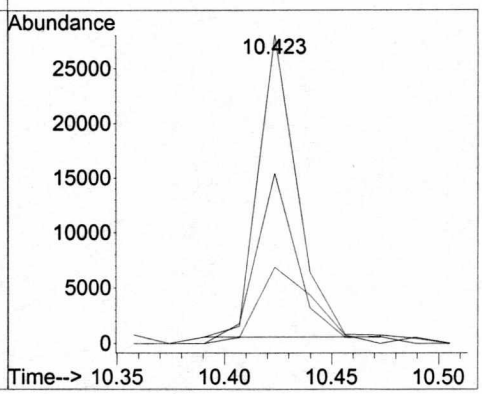


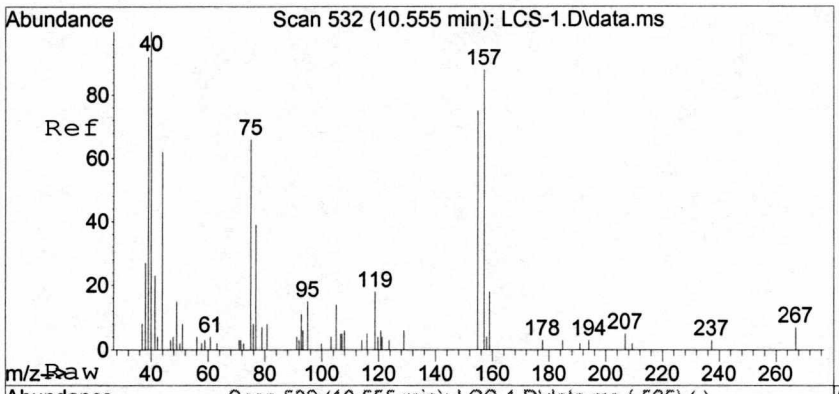
#89
n-Butylbenzene
Concen: 32.89 ppbv
RT: 10.423 min Scan# 524
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 91 Resp: 34204

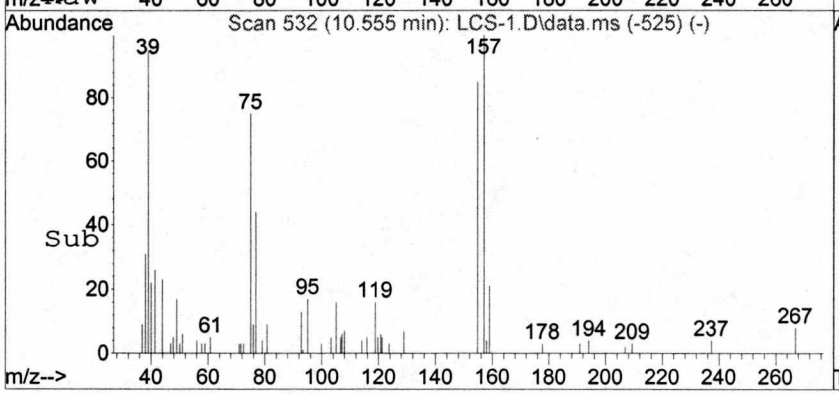
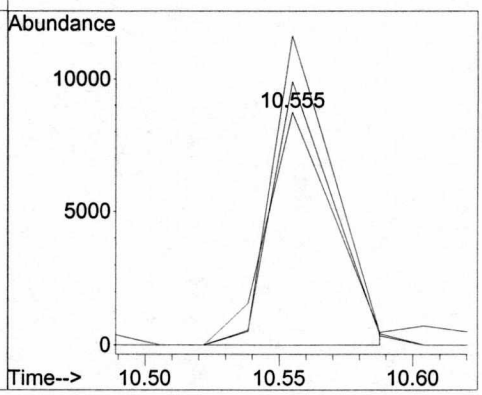
Ion	Ratio	Lower	Upper
91	100		
92	60.3	44.9	67.3
134	35.9	25.4	38.2







#90
1,2 Dibromo-3-chloropropane
Concen: 36.85 ppbv
RT: 10.555 min Scan# 532
Delta R.T. 0.000 min
Lab File: LCS-1.D
Acq: 30 Mar 2015 15:38

Tgt Ion: 75 Resp: 15200

Ion	Ratio	Lower	Upper
75	100		
155	102.9	50.9	76.3#
157	121.1	61.4	92.2#