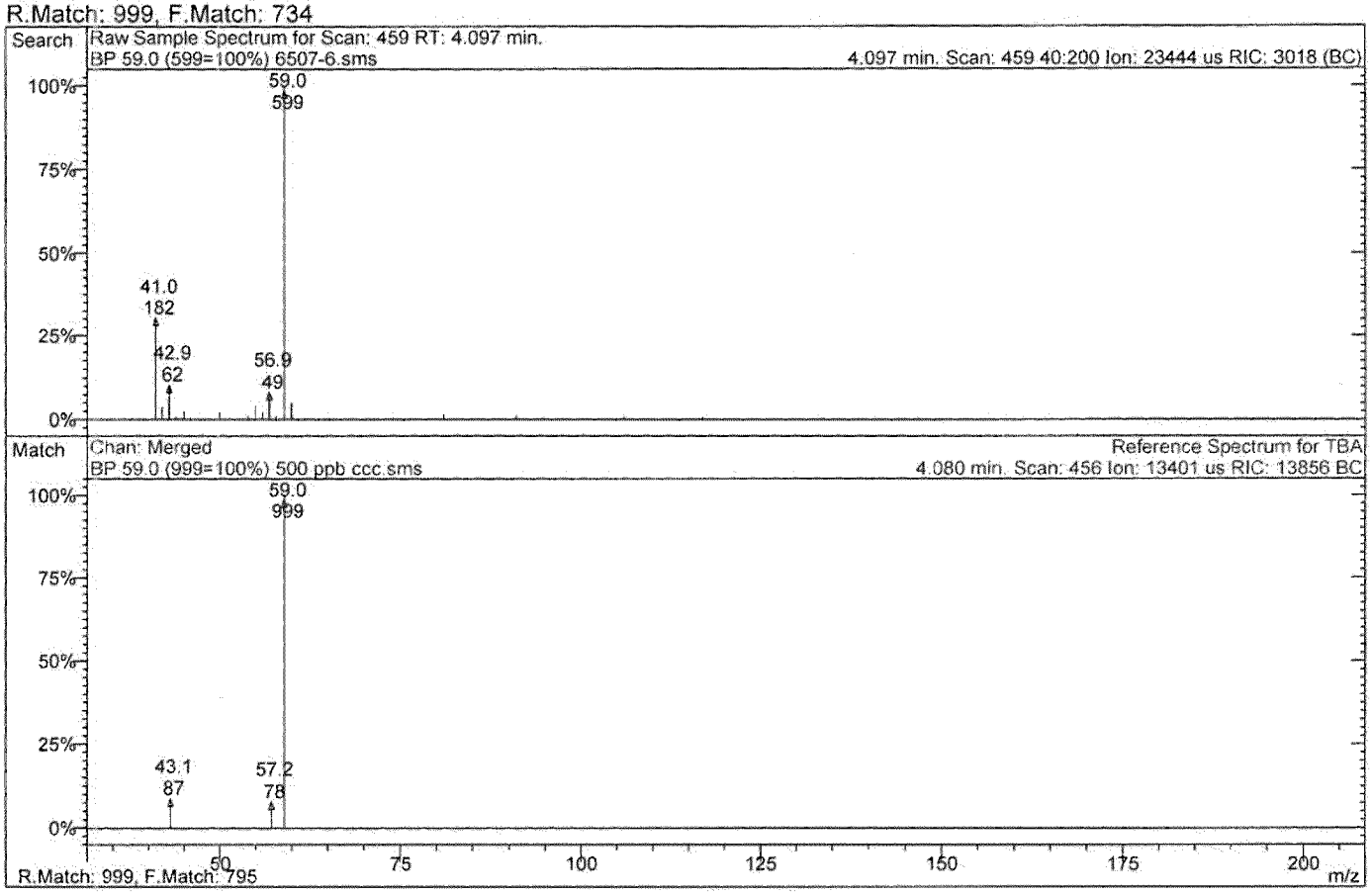
Print Date: 06 Jun 2012 13:27:29

Scan 459 from ...in\cain data_6.5\jeremy\2012 data\april\042312\6507-6.sms

Reference Spectrum for TBA

R.Match: 999, F.Match: 734



1st Spectrum from ...ta_6.5\jeremy\2012 data\april\042312\6507-6.sms
Scan No: 459, Time: 4.097 minutes
No averaging. Background corrected (E).
Comment: 4.097 min. Scan: 459 40:200 Ion: 23444 us RIC: 3018 (BC)
Pair Count: 38 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
41.0	182	304	60.0	30	50	111.4	1	2
41.9	22	37	60.9	2	3	117.0	3	5
42.9	62	103	61.9	1	2	118.8	1	2
43.9	3	5	63.0	1	2	120.0	2	3
45.0	14	23	63.8	1	2	133.7	2	3
45.9	4	7	72.9	1	2	140.9	1	2
50.0	12	20	74.0	2	3	144.8	1	2
53.9	5	8	79.9	1	2	146.9	1	2
55.0	23	38	81.0	8	13	175.8	1	2
56.0	13	22	81.6	1	2	180.9	2	3
56.9	49	82	91.0	6	10	191.0	1	2
57.8	7	12	94.8	2	3	193.1	2	3
59.0	599	999	106.0	4	7			

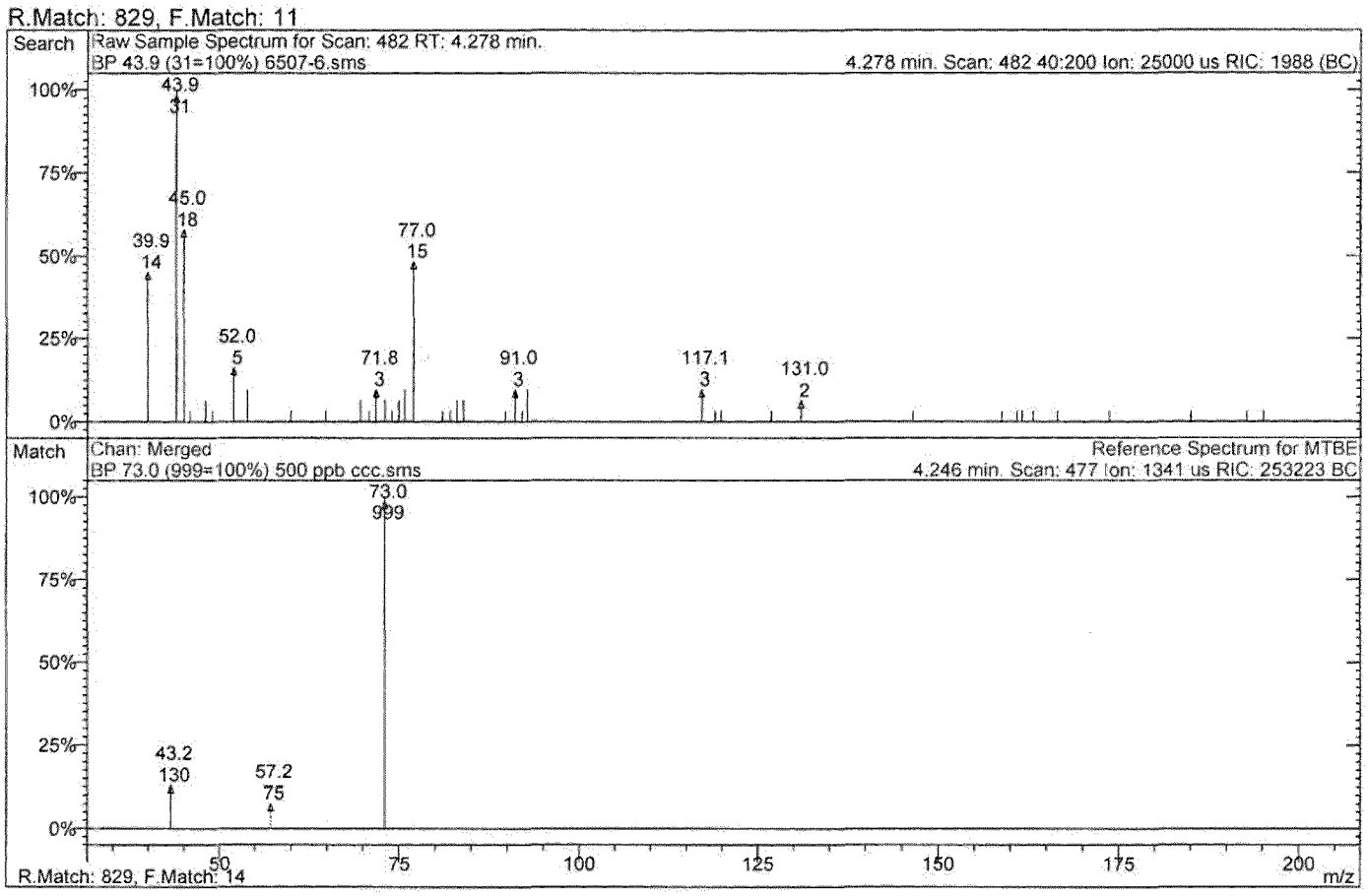
2nd Spectrum from ...ata_6.5\jeremy\2011 data\031411\500 ppb ccc.sms
Scan No: 456, Time: 4.080 minutes

Print Date: 06 Jun 2012 13:31:50

Scan 482 from ...in\cain data_6.5\jeremy\2012 data\april\042312\6507-6.sms

Reference Spectrum for MTBE

R.Match: 829, F.Match: 11



1st Spectrum from ...ta_6.5\jeremy\2012 data\april\042312\6507-6.sms
Scan No: 482, Time: 4.278 minutes
No averaging. Background corrected (E).
Comment: 4.278 min. Scan: 482 40:200 Ion: 25000 us RIC: 1988 (BC)
Pair Count: 41 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

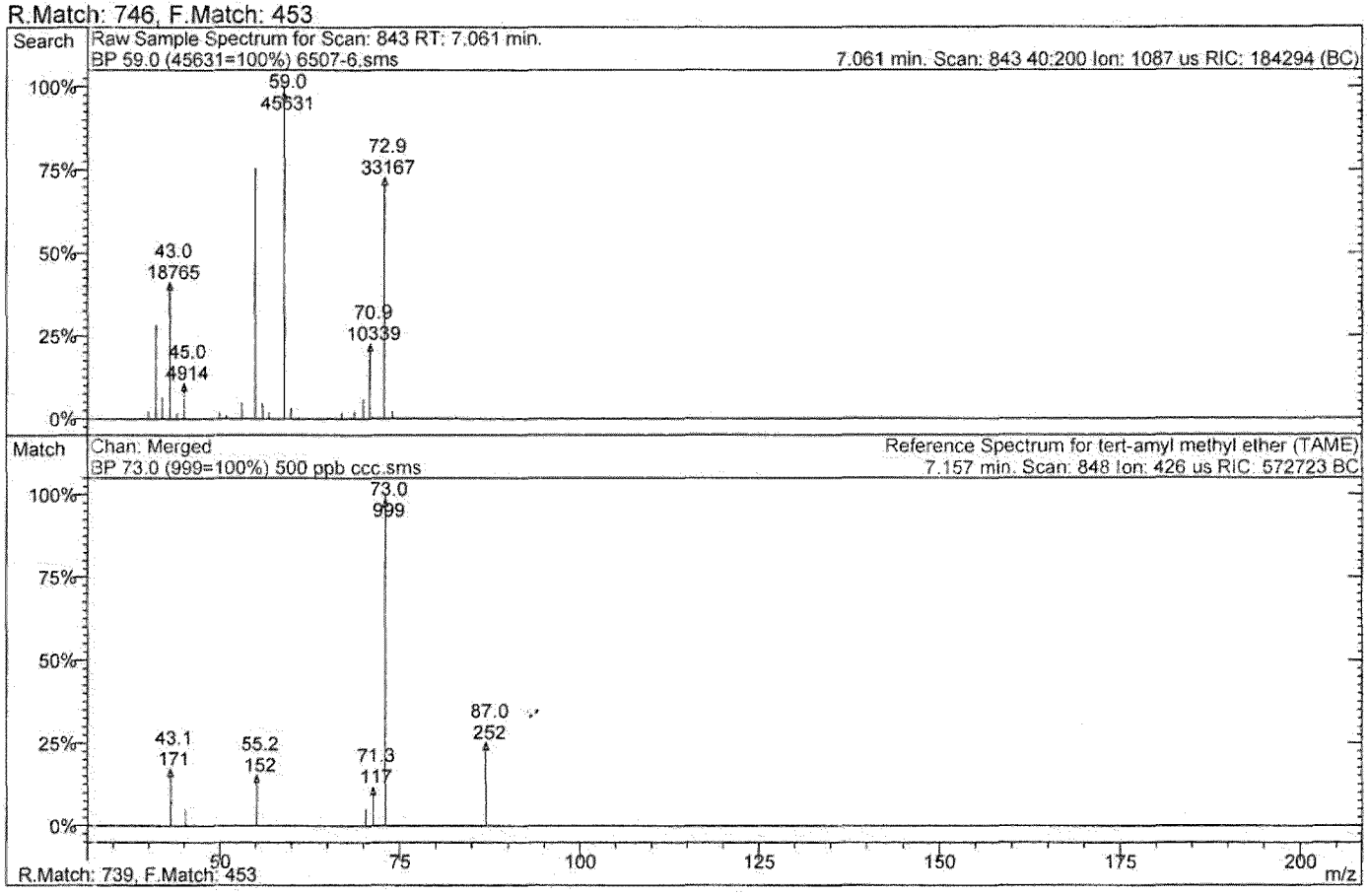
Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
39.9	14	451	74.0	1	32	119.8	1	32
43.9	31	999	75.0	2	64	126.8	1	32
45.0	18	580	75.8	3	97	131.0	2	64
45.9	1	32	77.0	15	483	146.5	1	32
48.0	2	64	81.0	1	32	158.8	1	32
49.0	1	32	82.1	1	32	160.9	1	32
52.0	5	161	83.0	2	64	161.6	1	32
53.9	3	97	83.9	2	64	163.1	1	32
60.0	1	32	89.7	1	32	166.5	1	32
64.8	1	32	91.0	3	97	173.7	1	32
69.7	2	64	92.0	1	32	185.0	1	32
70.9	1	32	92.7	3	97	192.8	1	32
71.8	3	97	117.1	3	97	195.1	1	32
73.0	2	64	119.0	1	32			

2nd Spectrum from ...ata_6.5\jeremy\2011 data\031411\500 ppb ccc.sms

Print Date: 06 Jun 2012 13:33:00

Scan 843 from ...in\cain data_6.5\jeremy\2012 data\april\042312\6507-6.sms
Reference Spectrum for tert-amyl methyl ether (TAM

R.Match: 746, F.Match: 453



1st Spectrum from ...ta_6.5\jeremy\2012 data\april\042312\6507-6.sms
Scan No: 843, Time: 7.061 minutes
No averaging. Background corrected (E).
Comment: 7.061 min. Scan: 843 40:200 Ion: 1087 us RIC: 184294 (BC)
Pair Count: 40 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
40.0	945	21	59.0	45631	999	74.0	978	21
41.0	12849	281	60.0	1465	32	74.9	104	2
41.9	2954	65	61.0	174	4	79.8	13	0
43.0	18765	411	61.9	12	0	80.9	43	1
44.0	695	15	63.1	33	1	81.8	152	3
45.0	4914	108	65.0	119	3	82.8	210	5
46.0	87	2	65.9	69	2	86.2	1	0
49.0	184	4	67.0	728	16	87.0	31	1
50.0	738	16	68.0	76	2	87.6	44	1
51.0	399	9	68.8	936	20	88.7	15	0
53.1	2302	50	70.0	2670	58	90.1	40	1
55.0	34474	755	70.9	10339	226	90.9	8	0
56.0	2188	48	72.9	33167	726	96.7	34	1
56.9	1019	22						

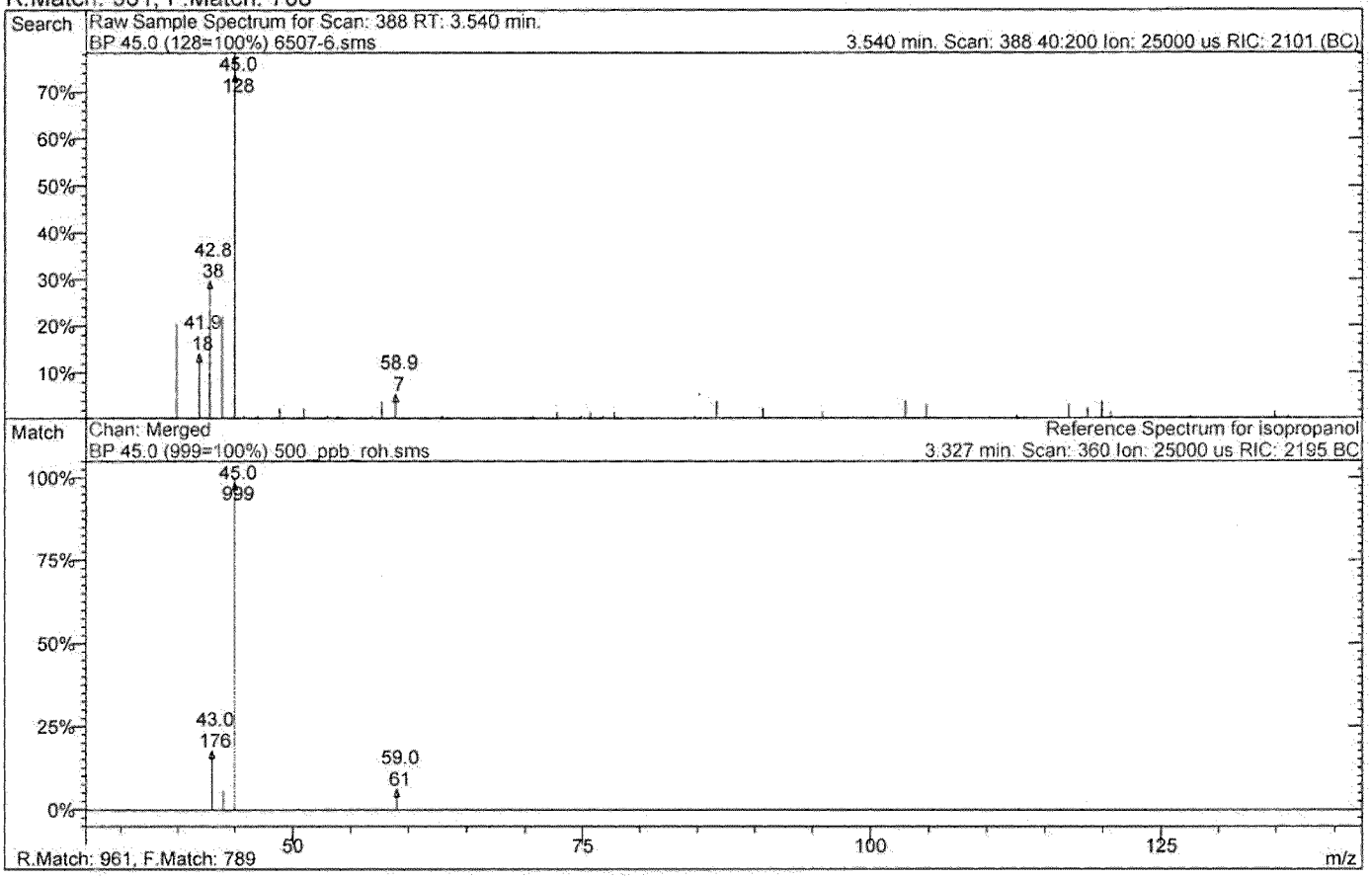
2nd Spectrum from ...ata_6.5\jeremy\2011 data\031411\500 ppb ccc.sms

Print Date: 06 Jun 2012 13:41:28

Scan 388 from ...in\cain data_6.5\jeremy\2012 data\april\042312\6507-6.sms

Reference Spectrum for isopropanol

R.Match: 961, F.Match: 708



1st Spectrum from ...ta_6.5\jeremy\2012 data\april\042312\6507-6.sms
Scan No: 388, Time: 3.540 minutes
No averaging. Background corrected (E).
Comment: 3.540 min. Scan: 388 40:200 Ion: 25000 us RIC: 2101 (BC)
Pair Count: 41 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
39.9	26	203	57.7	5	39	95.9	2	16
41.9	18	140	58.9	7	55	103.0	5	39
42.8	38	297	62.9	1	8	104.8	4	31
43.9	28	219	70.7	1	8	112.6	1	8
45.0	128	999	72.8	2	16	117.1	4	31
45.8	1	8	74.9	1	8	118.7	3	23
47.0	1	8	75.7	2	16	119.9	5	39
48.9	3	23	76.8	1	8	120.7	2	16
51.0	3	23	77.8	2	16	127.6	1	8
53.0	1	8	84.8	1	8	134.9	2	16
53.9	1	8	86.7	5	39	136.0	1	8
56.9	1	8	90.7	3	23	...	...	

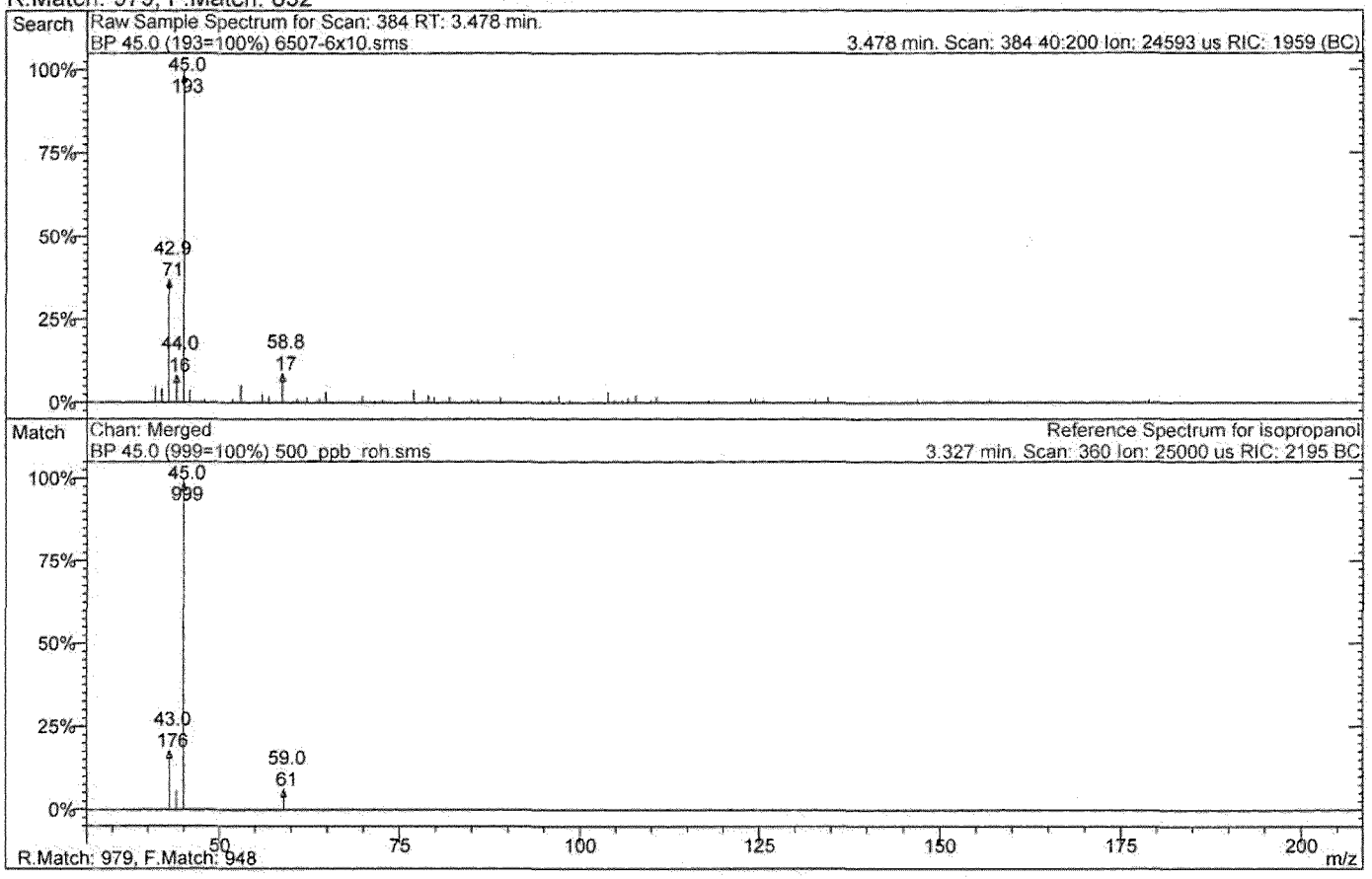
2nd Spectrum from ...ata_6.5\jeremy\2011 data\061311\500_ppb_roh.sms
Scan No: 360, Time: 3.327 minutes
No averaging. Background corrected.

Print Date: 06 Jun 2012 13:46:00

Scan 384 from ...cain data_6.5\jeremy\2012 data\april\042312\6507-6x10.sms

Reference Spectrum for isopropanol

R.Match: 979, F.Match: 832



1st Spectrum from ...6.5\jeremy\2012 data\april\042312\6507-6x10.sms
Scan No: 384, Time: 3.478 minutes
No averaging. Background corrected (E).
Comment: 3.478 min. Scan: 384 40:200 Ion: 24593 us RIC: 1959 (BC)
Pair Count: 47 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

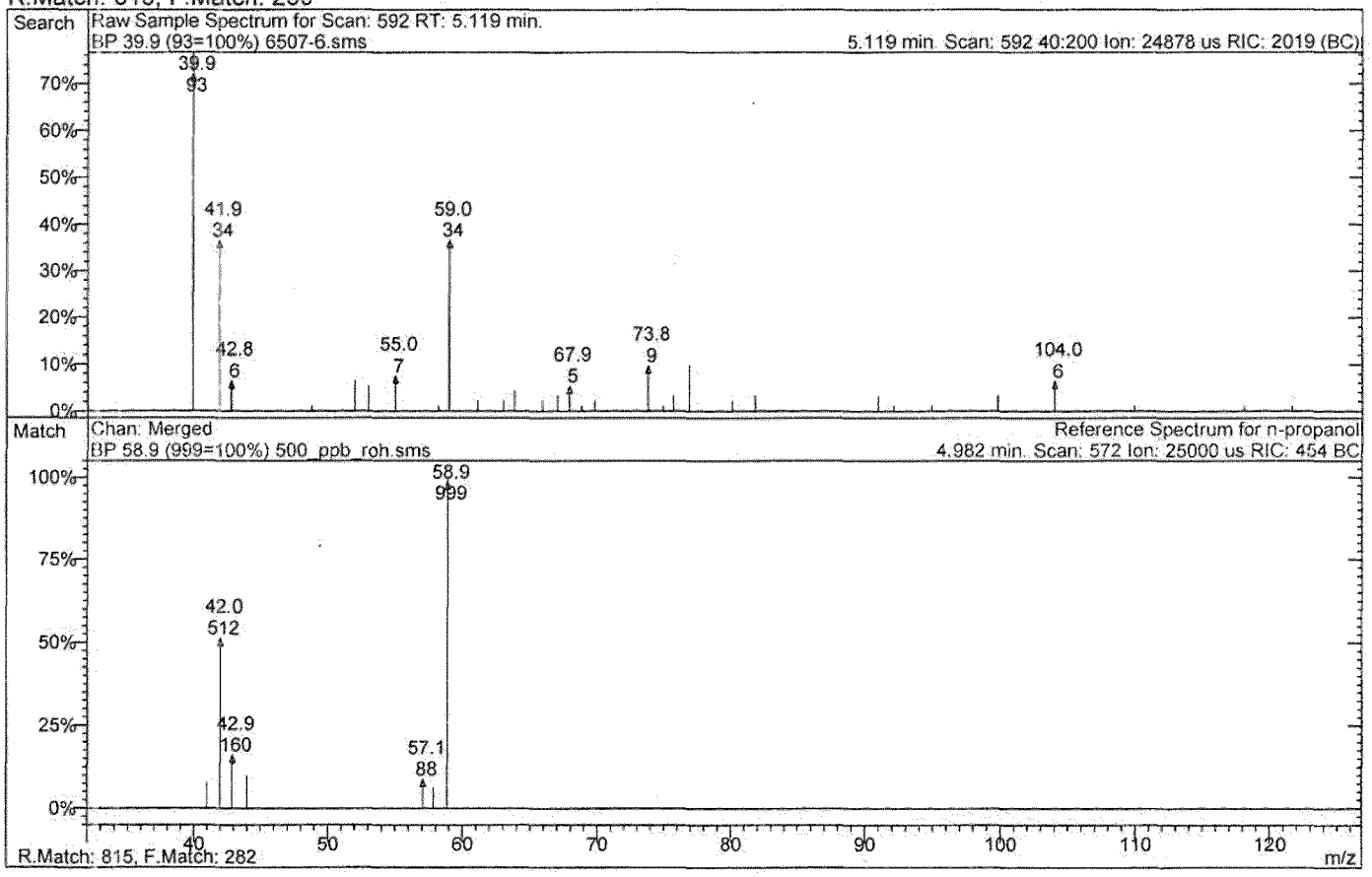
Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
41.0	9	47	64.8	6	31	104.8	1	5
41.9	8	41	69.9	4	21	105.9	1	5
42.9	71	368	71.6	1	5	106.8	3	16
44.0	16	83	72.7	1	5	107.8	4	21
45.0	193	999	77.0	7	36	109.9	1	5
45.9	7	36	79.0	4	21	110.7	3	16
47.9	2	10	79.8	3	16	118.0	1	5
51.9	2	10	81.9	3	16	123.8	2	10
53.0	10	52	85.0	1	5	124.5	2	10
56.0	5	26	85.9	2	10	125.6	1	5
56.9	4	21	88.9	3	16	132.9	2	10
58.8	17	88	94.8	1	5	134.6	3	16
60.3	1	5	95.8	1	5	146.9	2	10
60.9	2	10	97.1	4	21	156.9	1	5
62.2	3	16	98.6	1	5	178.9	2	10
63.9	2	10	103.9	6	31			

Print Date: 06 Jun 2012 13:43:01

Scan 592 from ...in\cain data_6.5\jeremy\2012 data\april\042312\6507-6.sms

Reference Spectrum for n-propanol

R.Match: 815, F.Match: 259



1st Spectrum from ...ta_6.5\jeremy\2012 data\april\042312\6507-6.sms
Scan No: 592, Time: 5.119 minutes
No averaging. Background corrected (E).
Comment: 5.119 min. Scan: 592 40:200 Ion: 24878 us RIC: 2019 (BC)
Pair Count: 38 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
39.9	93	999	63.8	4	43	81.8	3	32
41.9	34	365	65.9	2	21	91.0	3	32
42.8	6	64	67.0	3	32	92.1	1	11
48.8	1	11	67.9	5	54	94.9	1	11
52.0	6	64	68.8	1	11	99.8	3	32
53.0	5	54	69.8	2	21	104.0	6	64
55.0	7	75	73.8	9	97	109.9	1	11
58.2	1	11	74.9	1	11	118.1	1	11
59.0	34	365	75.7	3	32	121.6	1	11
61.1	2	21	76.9	9	97	...	...	
63.0	2	21	80.1	2	21			

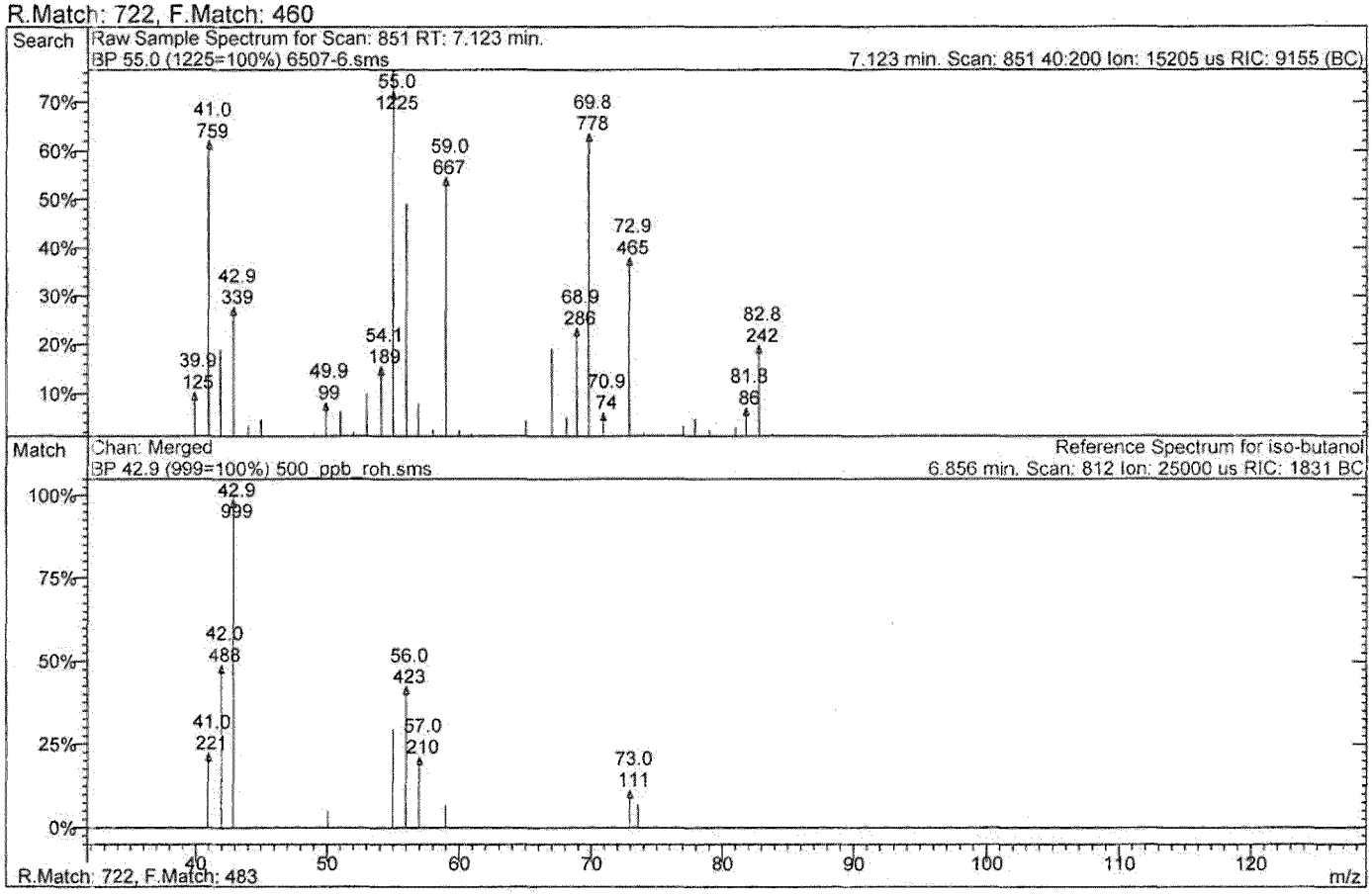
2nd Spectrum from ...ata_6.5\jeremy\2011 data\061311\500_ppb_roh.sms
Scan No: 572, Time: 4.982 minutes
No averaging. Background corrected.
Name: Reference Spectrum for n-propanol

Print Date: 06 Jun 2012 13:43:45

Scan 851 from ...in\cain data_6.5\jeremy\2012 data\april\042312\6507-6.sms

Reference Spectrum for iso-butanol

R.Match: 722, F.Match: 460



1st Spectrum from ...ta_6.5\jeremy\2012 data\april\042312\6507-6.sms
Scan No: 851, Time: 7.123 minutes
No averaging. Background corrected (E).
Comment: 7.123 min. Scan: 851 40:200 Ion: 15205 us RIC: 9155 (BC)
Pair Count: 47 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

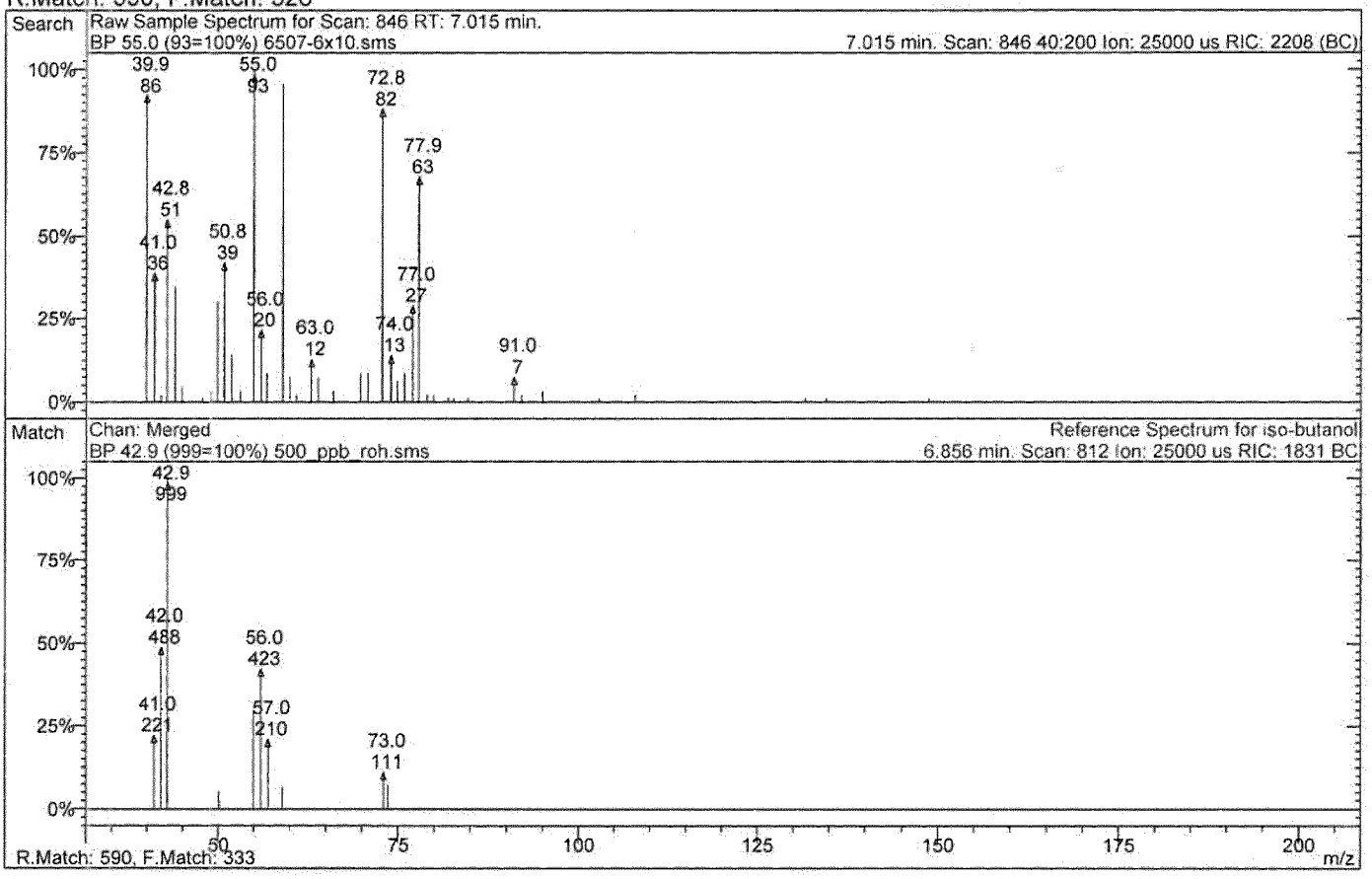
Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
39.9	125	102	56.0	600	489	72.9	465	379
41.0	759	619	56.9	99	81	74.0	23	19
41.9	231	188	58.0	31	25	74.8	4	3
42.9	339	276	59.0	667	544	76.0	8	7
44.0	43	35	60.0	29	24	77.0	40	33
45.0	56	46	60.9	20	16	77.9	58	47
45.9	1	1	62.0	3	2	79.0	29	24
47.0	5	4	62.8	7	6	79.9	6	5
49.0	17	14	65.0	52	42	81.0	40	33
49.9	99	81	66.0	8	7	81.8	86	70
51.0	76	62	67.0	233	190	82.8	242	197
52.0	23	19	68.1	61	50	83.8	19	15
53.0	120	98	68.9	286	233	96.8	12	10
54.1	189	154	69.8	778	634	97.7	15	12
55.0	1225	999	70.9	74	60	...	...	

Print Date: 06 Jun 2012 13:46:20

Scan 846 from ...cain data_6.5\jeremy\2012 data\april\042312\6507-6x10.sms

Reference Spectrum for iso-butanol

R.Match: 590, F.Match: 326



1st Spectrum from ...6.5\jeremy\2012 data\april\042312\6507-6x10.sms
Scan No: 846, Time: 7.015 minutes
No averaging. Background corrected (E).
Comment: 7.015 min. Scan: 846 40:200 Ion: 25000 us RIC: 2208 (BC)
Pair Count: 42 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
39.9	86	924	56.8	8	86	77.9	63	677
41.0	36	387	59.0	89	956	79.0	2	21
41.9	2	21	60.0	7	75	79.9	2	21
42.8	51	548	60.9	2	21	81.9	1	11
43.9	32	344	63.0	12	129	82.7	1	11
44.9	4	43	63.9	7	75	84.7	1	11
47.8	1	11	66.0	3	32	91.0	7	75
49.0	3	32	69.8	8	86	92.0	2	21
49.9	28	301	70.8	8	86	95.0	3	32
50.8	39	419	72.8	82	881	102.9	1	11
51.9	13	140	74.0	13	140	107.9	2	21
53.1	3	32	74.9	6	64	131.7	1	11
55.0	93	999	75.9	8	86	134.6	1	11
56.0	20	215	77.0	27	290	148.7	1	11

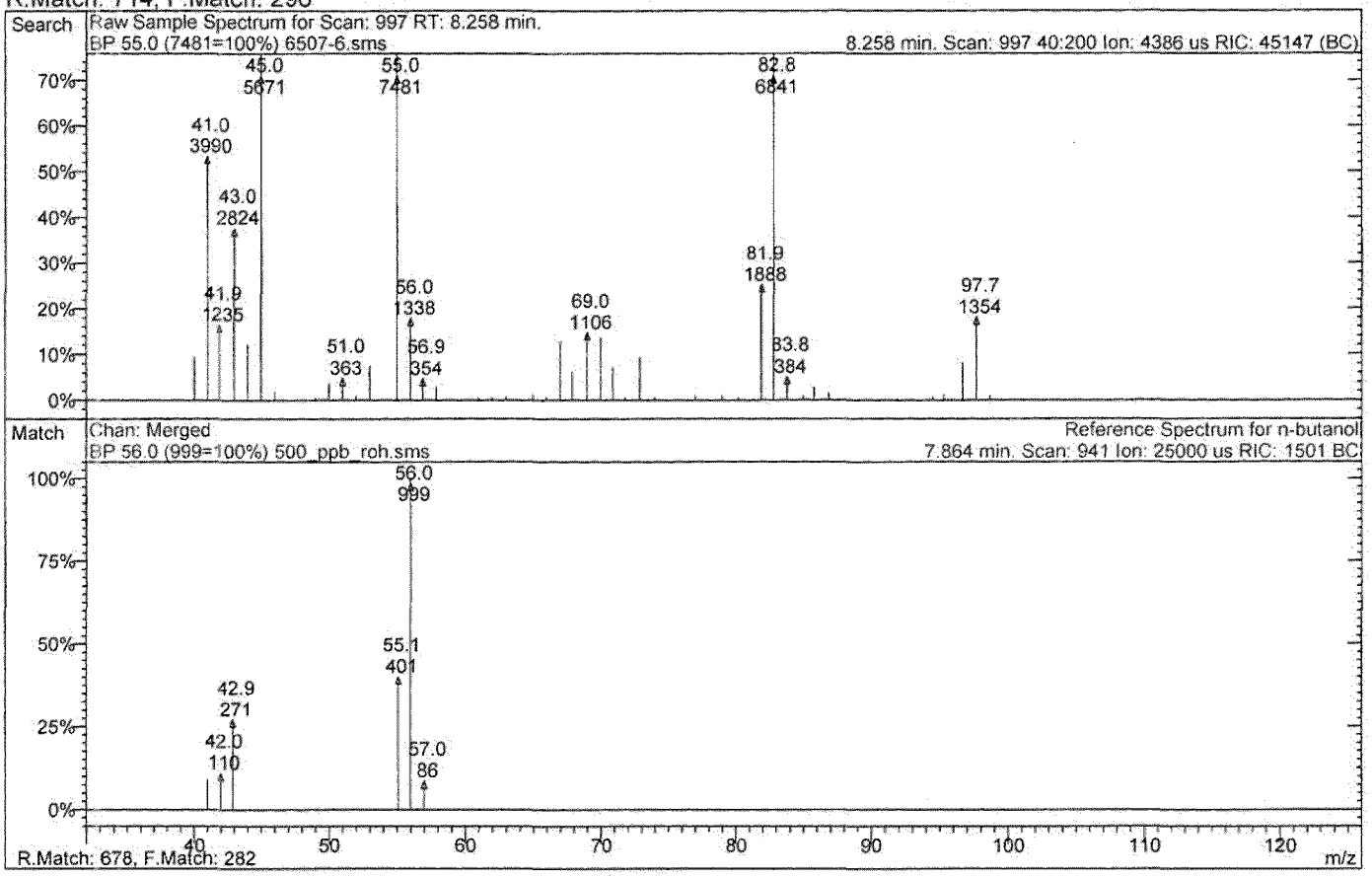
2nd Spectrum from ...ata_6.5\jeremy\2011 data\061311\500_ppb_roh.sms

Print Date: 06 Jun 2012 13:44:31

Scan 997 from ...in\cain data_6.5\jeremy\2012 data\april\042312\6507-6.sms

Reference Spectrum for n-butanol

R.Match: 714, F.Match: 296



1st Spectrum from ...ta_6.5\jeremy\2012 data\april\042312\6507-6.sms
Scan No: 997, Time: 8.258 minutes
No averaging. Background corrected (E).
Comment: 8.258 min. Scan: 997 40:200 Ion: 4386 us RIC: 45147 (BC)
Pair Count: 60 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

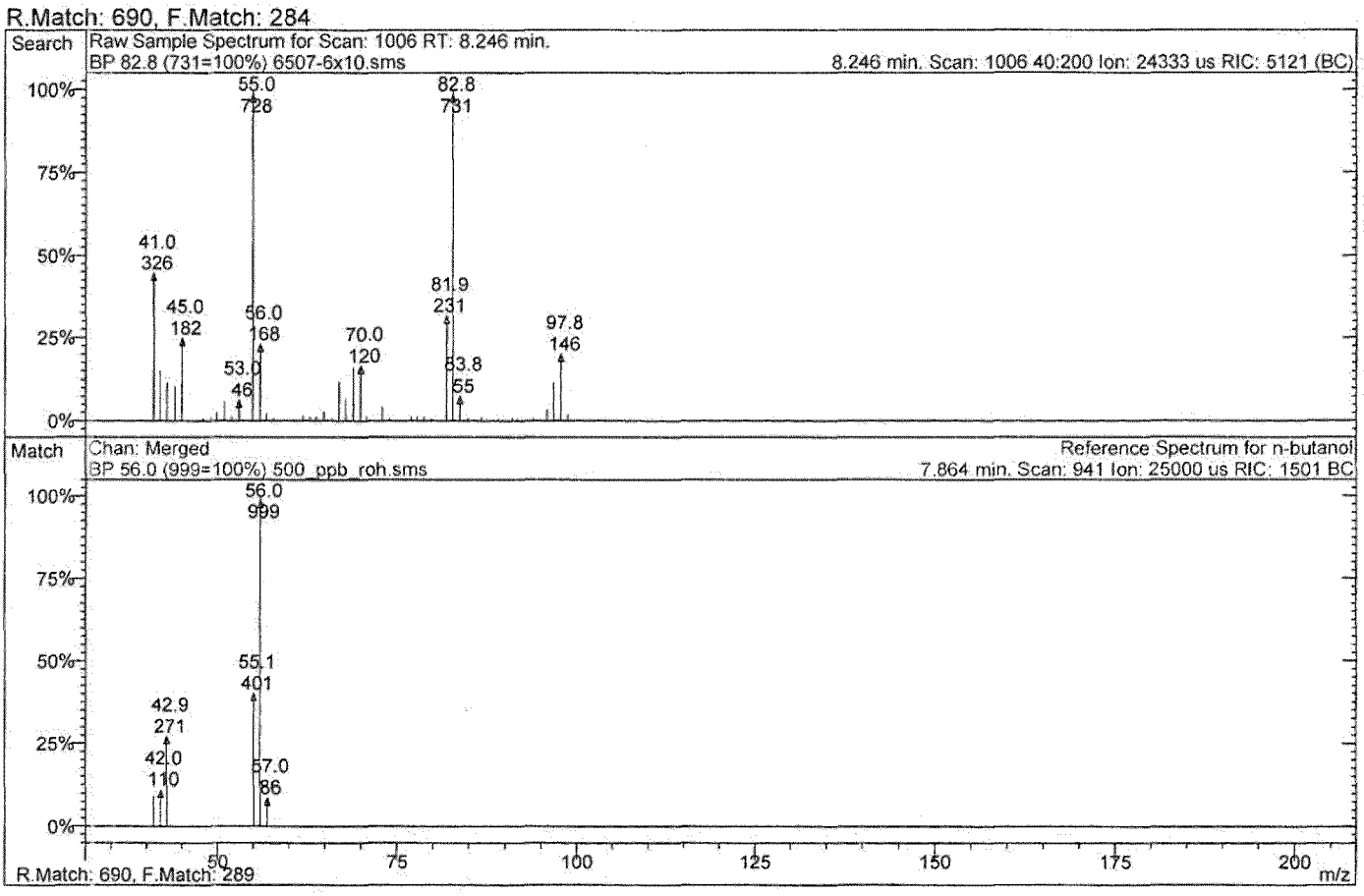
Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
40.0	700	93	63.8	4	1	83.8	384	51
41.0	3990	533	65.0	98	13	85.0	74	10
41.9	1235	165	66.0	57	8	85.8	209	28
43.0	2824	377	67.0	957	128	86.9	115	15
44.0	899	120	67.9	464	62	88.0	3	0
45.0	5671	757	69.0	1106	148	89.6	3	0
46.0	139	19	70.0	1011	135	90.4	4	1
46.6	2	0	70.9	537	72	91.0	8	1
49.0	48	6	71.8	48	6	91.9	23	3
50.0	265	35	72.9	695	93	93.0	7	1
51.0	363	48	74.0	32	4	94.5	53	7
52.0	63	8	74.9	8	1	95.3	97	13
53.0	559	75	76.0	5	1	96.7	616	82
55.0	7481	999	77.0	94	13	97.7	1354	181
56.0	1338	179	77.9	15	2	98.7	76	10
56.9	354	47	79.0	83	11	102.9	3	0

Print Date: 06 Jun 2012 14:17:43

Scan 1006 from ...cain data_6.5\jeremy\2012 data\april\042312\6507-6x10.sms

Reference Spectrum for n-butanol

R.Match: 690, F.Match: 284



1st Spectrum from ...6.5\jeremy\2012 data\april\042312\6507-6x10.sms
Scan No: 1006, Time: 8.246 minutes
No averaging. Background corrected (E).
Comment: 8.246 min. Scan: 1006 40:200 Ion: 24333 us RIC: 5121 (BC)
Pair Count: 58 MW: 0 Formula: None
CAS No: None Acquired Range: 39.5 - 200.5 m/z

MDT: Centroid, Time: 0.00 - 24.50
Seg 1, FIL/MUL DELAY , Time: 0.00- 1.00, Filament Off
Chan 1, 40-650 m/z
Seg 2, data aquisition , Time: 1.00-24.50, EI-Auto-Full
Chan 1, 40-200 m/z
Product Mass Range: 39.5 - 200.5 m/z

Ion	Int	Norm	Ion	Int	Norm	Ion	Int	Norm
41.0	326	446	63.8	8	11	86.8	7	10
41.9	110	150	64.9	20	27	88.3	2	3
42.9	85	116	66.0	4	5	89.1	3	4
44.0	76	104	67.0	86	118	89.7	2	3
45.0	182	249	67.9	48	66	91.0	5	7
45.9	2	3	69.0	118	161	91.8	3	4
46.9	1	1	70.0	120	164	92.4	2	3
48.0	4	5	70.8	9	12	93.9	4	5
49.1	5	7	73.0	31	42	94.7	1	1
49.9	17	23	74.0	5	7	95.9	23	31
51.0	43	59	77.0	11	15	96.8	85	116
52.0	8	11	77.9	8	11	97.8	146	200
53.0	46	63	78.8	8	11	98.8	12	16
55.0	728	995	79.8	3	4	102.9	2	3
56.0	168	230	81.9	231	316	104.0	3	4
56.9	17	23	82.8	731	999	118.8	2	3