

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC.

Form N-Q

July 25, 2013

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT  
INVESTMENT COMPANY**

Investment Company Act file number 811-21318

Name of Fund: BlackRock Corporate High Yield Fund VI, Inc. (HYT)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock Corporate High Yield Fund VI, Inc., 55 East 52<sup>nd</sup> Street, New York, NY 10055

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 08/31/2013

Date of reporting period: 05/31/2013

Item 1 – Schedule of Investments

**BlackRock Corporate High Yield Fund VI, Inc. (HYT)**

Consolidated Schedule of Investments May 31, 2013 (Unaudited)

(Percentages shown are based on Net Assets)

| Shares  | Value      |
|---|------------|
| <b>Common Stocks</b>                              |            |
| <b>Auto Components — 0.3%</b>                     |            |
| Delphi<br>Automotive<br>Plc                       | \$ 668,697 |
| The<br>Goodyear<br>Tire<br>& Rubber<br>Co.<br>(a) | 588,068    |
|   | 1,256,765  |
| <b>Automobiles — 1.4%</b>                         |            |
| General<br>Motors<br>Co.<br>(a)                   | 6,222,916  |
| <b>Biotechnology — 0.0%</b>                       |            |
| Ironwood<br>Pharmaceuticals,<br>Inc.<br>(a)       | 147,090    |
| <b>Capital Markets — 2.0%</b>                     |            |
| American<br>Capital<br>Ltd.<br>(a)                | 7,499,631  |
| E*Trade<br>Financial<br>Corp.<br>(a)              | 1,351,406  |
| Uranium<br>Participation<br>Corp.<br>(a)          | 267,010    |
|   | 9,118,047  |

**Chemicals — 0.4%**

|  |           |
|--|-----------|
| ADA-ES,<br>Inc. 2,810                        | 104,953   |
| (a)<br>CF<br>Industries<br>Holdings,<br>Inc. | 572,880   |
| Huntsman<br>Corp. 67,400                     | 1,310,930 |
|  | 1,988,763 |

**Commercial Banks — 0.5%**

|                             |           |
|-----------------------------|-----------|
| CIT<br>Group<br>Inc. 51,084 | 2,353,951 |
| (a)                         |           |

**Communications Equipment — 0.3%**

|  |           |
|--|-----------|
| Loral<br>Space<br>& 21,531<br>Communications<br>Ltd. | 1,296,597 |
|--|-----------|

**Diversified Financial Services — 1.1%**

|                                       |           |
|---------------------------------------|-----------|
| Bank<br>of<br>America<br>Corp. 84,360 | 1,152,357 |
| Citigroup<br>Inc. 13,119              | 682,057   |
| Kcad<br>Holdings<br>I 461,295,490     | 2,993,808 |
| Ltd.                                  |           |
|                                       | 4,828,222 |

**Diversified Telecommunication Services — 0.2%**

|   |         |
|---|---------|
| Broadview<br>Networks<br>Holdings,<br>Inc. 54,600 | 343,980 |
| 34,800  | 745,764 |

Level

3

Communications,

Inc.

(a)

1,089,744

**Electrical Equipment — 0.0%**

Medis

Technologies

Ltd. 116,910 1

(a)

**Energy Equipment & Services — 0.9%**

Laricina

Energy 70,588 2,376,724  
Ltd.

(a)

Osum

Oil

Sands 24,000 1,682,047  
Corp.

(a)

4,058,771

**Hotels, Restaurants & Leisure — 0.5%**

Caesars

Entertainment 69,602 1,008,533  
Corp.

(a)

Travelport

LLC 1,744,815 1,430,748  
(a)

2,439,281

**Household Durables — 0.1%**

MDC

Holdings 5,000 185,550  
Inc.

Shares **Value**

**Common Stocks**

**Household Durables**

(concluded)

5,100 \$ 241,536

|   |         |
|---|---------|
| Meritage<br>Homes<br>Corp.<br>(a)<br>PulteGroup,<br>Inc. 9,000<br>(a) | 194,310 |
|   | 621,396 |

**Insurance — 1.0%**

|   |           |
|---|-----------|
| American<br>International<br>Group<br>Inc.<br>(a) | 4,669,011 |
|---|-----------|

**Media — 0.3%**

|  |           |
|--|-----------|
| Belo<br>Corp.<br>Class<br>A<br>Cablevision<br>Systems<br>Corp.<br>Class<br>A<br>Clear<br>Channel<br>Outdoor<br>Holdings,<br>Inc.,<br>Class<br>A<br>(a) | 407,746   |
|  | 1,022,868 |
|  | 124,719   |
|  | 1,555,333 |

**Metals & Mining — 0.1%**

|  |         |
|--|---------|
| African<br>Minerals<br>Ltd.<br>(a)<br>Peninsula<br>Energy<br>Ltd.<br>(a) | 276,605 |
|  | 322,540 |
|  | 599,145 |

**Oil, Gas & Consumable**

**Fuels — 0.0%**

|                              |         |        |
|------------------------------|---------|--------|
| African<br>Petroleum<br>Corp | 307,100 | 55,843 |
| Ltd.<br>(a)                  |         |        |

**Paper & Forest Products —**

**1.1%**

|                            |         |           |
|----------------------------|---------|-----------|
| Ainsworth<br>Lumber<br>Co. | 773,706 | 2,828,402 |
| Ltd.<br>(a)                |         |           |

|                            |         |         |
|----------------------------|---------|---------|
| Ainsworth<br>Lumber<br>Co. | 221,591 | 807,923 |
| Ltd.<br>(a)(b)             |         |         |

|                                      |        |           |
|--------------------------------------|--------|-----------|
| NewPage<br>Corp                      | 13,400 | 1,273,000 |
| (a)<br>Western<br>Forest<br>Products | 78,039 | 97,102    |
| Inc.<br>(a)                          |        |           |

5,006,427

**Semiconductors &**

**Semiconductor Equipment —**

**0.3%**

|                                    |       |         |
|------------------------------------|-------|---------|
| Freescale<br>Semiconductor<br>Ltd. | 6,695 | 106,584 |
| (a)                                |       |         |

|                             |        |         |
|-----------------------------|--------|---------|
| NXP<br>Semiconductors<br>NV | 14,683 | 452,971 |
| (a)                         |        |         |

|                                  |       |         |
|----------------------------------|-------|---------|
| Spansion,<br>Inc.,<br>Class<br>A | 2,211 | 715,291 |
| (a)                              |       |         |

|                  |     |       |
|------------------|-----|-------|
| SunPower<br>Corp | 431 | 8,318 |
| (a)              |     |       |

1,283,164

**Software — 0.2%**

Bankruptcy  
Management  
Solutions, Inc. —

(a)  
HMH  
Holdings EduMedia 839,582

(a)

839,582

**Wireless Telecommunication**

**Services — 0.5%**

Crown  
Castle  
International 1,098,247

Corp.  
(a)

SBA  
Communications  
Corp. 1,160,212

Class  
A  
(a)

2,258,459

**Total Common  
Stocks – 11.2%** 51,688,508



**BlackRock Corporate High Yield Fund VI, Inc. (HYT)**

Consolidated Schedule of Investments (continued)

(Percentages shown are based on Net Assets)

|   | Par<br>(000) | Value      |
|---|--------------|------------|
| <b>Corporate Bonds</b>  |              |            |
| <b>Aerospace &amp; Defense — 0.7%</b>   |              |            |
| Bombardier, Inc., 4.25%, 1/15/16 (b)  | USD940       | \$ 972,900 |
| Huntington Ingalls Industries, Inc.:  |              |            |
| 6.88%, 3/15/18  | 260          | 283,400    |
| 7.13%, 3/15/21  | 410          | 449,975    |
| Kratos Defense & Security Solutions, Inc.,<br>10.00%, 6/01/17                   | 1,274        | 1,388,660  |
| Meccanica Holdings USA, Inc., 6.25%,<br>7/15/19 (b)                             | 284          | 298,286    |
|   |              | 3,393,221  |
| <b>Airlines — 2.5%</b>  |              |            |
| Air Canada Pass-Through Trust, Series<br>2013-1, Class C, 6.63%, 5/15/18 (b)    | 438          | 448,862    |
| American Airlines Pass-Through Trust,<br>Series 2011-2, Class A, 8.63%, 4/15/23 | 1,014        | 1,069,480  |
| Continental Airlines Pass-Through Trust:  |              |            |
| Series 1997-4, Class B, 6.90%, 7/02/18  | 538          | 563,287    |
| Series 2010-1, Class B, 6.00%, 7/12/20  | 571          | 593,959    |
| Series 2012-3, Class C, 6.13%, 4/29/18  | 1,435        | 1,506,750  |
| Delta Air Lines Pass-Through Trust:   |              |            |
| Series 2002-1, Class G-1 6.72%, 7/02/24   | 904          | 1,003,352  |
| Series 2009-1, Class B 9.75%, 6/17/18   | 272          | 310,454    |
| Series 2010-1, Class B 6.38%, 7/02/17   | 900          | 940,500    |
| US Airways Group, Inc., 6.13%, 6/01/18  | 510          | 496,613    |
| US Airways Pass-Through Trust:  |              |            |
| Series 2011-1, Class C, 10.88%, 10/22/14  | 715          | 769,121    |
| Series 2012-1, Class C, 9.13%, 10/01/15   | 650          | 703,091    |
| Series 2012-2, Class B, 6.75%, 12/03/22   | 600          | 655,500    |
| Series 2012-2, Class C, 5.45%, 6/03/18 (c)                                      | 1,200        | 1,182,000  |
| Series 2013-1, Class B, 5.38%, 11/15/21   | 1,465        | 1,505,287  |
|   |              | 11,748,256 |
| <b>Auto Components — 2.7%</b>   |              |            |
| Affinia Group, Inc., 7.75%, 5/01/21 (b)   | 1,046        | 1,087,840  |
| Brighthouse Group Ltd., 7.88%, 5/15/18  | GBP 100      | 154,979    |
| Continental Rubber of America Corp.,<br>4.50%, 9/15/19 (b)                      | USD 300      | 311,250    |

|   | <b>Par<br/>(000)</b> | <b>Value</b> |
|---|----------------------|--------------|
| <b>Corporate Bonds</b>  |                      |              |
| <b>Auto Components (concluded)</b>                                      |                      |              |
| Dana Holding Corp., 6.75%, 2/15/21                                      | USD 700              | \$ 752,500   |
| Delphi Corp., 6.13%, 5/15/21  | 115                  | 126,931      |
| GKN Holdings PLC, 5.38%, 9/19/22  | GBP 310              | 498,672      |
| Icahn Enterprises LP, 8.00%, 1/15/18                                    | USD 4,690            | 4,971,400    |
| IDQ Holdings, Inc., 11.50%, 4/01/17 (b)                                 | 595                  | 664,169      |
| Jaguar Land Rover Plc, 8.25%, 3/15/20                                   | GBP 745              | 1,279,106    |
| Schaeffler Finance BV, 4.25%, 5/15/18                                   | EUR 202              | 265,831      |
| Servus Luxembourg Holdings SCA, 7.75%,<br>6/15/18                       | 438                  | 571,425      |
| Titan International, Inc.:  |                      |              |
| 7.88%, 10/01/17   | USD 720              | 770,400      |
| 7.88%, 10/01/17 (b)   | 760                  | 813,200      |
|   |                      | 12,267,703   |
| <b>Beverages — 0.0%</b>   |                      |              |
| Crown European Holdings SA, 7.13%,<br>8/15/18 (b)                       | EUR 50               | 70,349       |
| Refresco Group BV, 7.38%, 5/15/18                                       | 100                  | 139,008      |
|   |                      | 209,357      |
| <b>Building Products — 1.5%</b>   |                      |              |
| American Builders & Contractors Supply<br>Co., Inc., 5.63%, 4/15/21 (b) | USD 715              | 723,938      |
| Builders FirstSource, Inc., 7.63%, 6/01/21<br>(b)                       | 623                  | 626,115      |
| Building Materials Corp. of America (b):                                |                      |              |
| 7.00%, 2/15/20  | 840                  | 898,800      |
| 6.75%, 5/01/21  | 1,220                | 1,320,650    |
| Cemex SAB de CV, 5.88%, 3/25/19 (b)                                     | 355                  | 353,225      |
| Momentive Performance Materials, Inc.,<br>8.88%, 10/15/20               | 1,174                | 1,264,985    |
| Texas Industries, Inc., 9.25%, 8/15/20                                  | 362                  | 400,915      |
| USG Corp., 9.75%, 1/15/18   | 1,100                | 1,295,250    |
|   |                      | 6,883,878    |
| <b>Capital Markets — 0.3%</b>   |                      |              |
| E*Trade Financial Corp., 0.00%, 8/31/19<br>(b)(d)(e)                    | 380                  | 431,300      |
| Nuveen Investments, Inc., 9.13%, 10/15/17<br>(b)                        | 729                  | 765,450      |
|   |                      | 1,196,750    |

**Chemicals — 3.1%**

|                                  |     |         |
|----------------------------------|-----|---------|
| Axiall Corp., 4.88%, 5/15/23 (b) | 167 | 167,835 |
|----------------------------------|-----|---------|

BLACKROCK CORPORATE HIGH YIELD FUND VI, INC. MAY 31, 2013 2

**BlackRock Corporate High Yield Fund VI, Inc. (HYT)**

Consolidated Schedule of Investments (continued)

(Percentages shown are based on Net Assets)

|  | <b>Par<br/>(000)</b> | <b>Value</b> |
|--|----------------------|--------------|
| <b>Corporate Bonds</b>   |                      |              |
| <b>Chemicals (concluded)</b>   |                      |              |
| Basell Finance Co.<br>BV, 8.10%, 3/15/27   | USD 645              | \$ 874,219   |
| (b)  |                      |              |
| Celanese US<br>Holdings LLC,<br>5.88%, 6/15/21   | 1,288                | 1,420,020    |
| Eagle Spinco, Inc.,<br>4.63%, 2/15/21 (b)  | 576                  | 580,320      |
| Huntsman<br>International LLC,<br>8.63%, 3/15/21   | 265                  | 296,137      |
| INEOS Finance Plc,<br>7.50%, 5/01/20 (b)   | 590                  | 647,525      |
| INEOS Group Holdings<br>SA:<br>6.50%, 8/15/18  | EUR 463              | 586,739      |
| 6.13%, 8/15/18 (b)   | USD 470              | 462,950      |
| Kraton Polymers<br>LLC, 6.75%,<br>3/01/19  | 195                  | 204,263      |
| LyondellBasell<br>Industries NV,<br>5.75%, 4/15/24   | 4,050                | 4,711,920    |
| Nexeo Solutions<br>LLC, 8.38%,<br>3/01/18  | 145                  | 145,725      |
| Nufarm Australia<br>Ltd., 6.38%,<br>10/15/19 (b)   | 350                  | 358,750      |
| Orion Engineered<br>Carbons Bondco<br>GmbH (FKA<br>Kinove German<br>Bondco GmbH),<br>10.00%, 6/15/18 | EUR 532              | 767,384      |
| PetroLogistics<br>LP/PetroLogistics<br>Finance Corp.,<br>6.25%, 4/01/20 (b)                          | USD 264              | 265,980      |

|  |       |            |
|--|-------|------------|
| PolyOne Corp.,<br>7.38%, 9/15/20   | 335   | 369,337    |
| Rockwood<br>Specialties Group,<br>Inc., 4.63%,<br>10/15/20                   | 1,245 | 1,269,900  |
| Tronox Finance<br>LLC, 6.38%,<br>8/15/20 (b)                                 | 384   | 377,280    |
| US Coatings Acquisition,<br>Inc./Flash Dutch 2 BV:<br>5.75%, 2/01/21 EUR 100 |       | 135,174    |
| 7.38%, 5/01/21 (b) USD 550   |       | 580,250    |
|  |       | 14,221,708 |

**Commercial Banks — 0.8%**

|                    |       |           |
|--------------------|-------|-----------|
| CIT Group, Inc.:   |       |           |
| 5.25%, 3/15/18     | 860   | 924,500   |
| 6.63%, 4/01/18 (b) | 355   | 399,375   |
| 5.50%, 2/15/19 (b) | 1,160 | 1,255,700 |
| 5.00%, 8/15/22     | 353   | 375,945   |
| 6.00%, 4/01/36     | 850   | 844,349   |
|                    |       | 3,799,869 |

**Commercial Services & Supplies — 2.9%**

|  |            |              |
|--|------------|--------------|
| ADS Waste<br>Holdings, Inc.,<br>8.25%, 10/01/20 (b)    | 431        | 462,248      |
| ARAMARK Corp.,<br>5.75%, 3/15/20 (b)                   | 1,005      | 1,040,175    |
| Aviation Capital<br>Group Corp.,<br>6.75%, 4/06/21 (b) | 840        | 931,857      |
|  | <b>Par</b> | <b>Value</b> |
|  | (000)      |              |

**Corporate Bonds****Commercial Services & Supplies  
(concluded)**

|  |     |         |
|--|-----|---------|
| AWAS Aviation<br>Capital Ltd., 7.00%, USD 134 \$<br>10/17/16 (b) |     | 140,114 |
| Brickman Group<br>Holdings, Inc.,<br>9.13%, 11/01/18 (b)         | 43  | 46,548  |
| Casella Waste<br>Systems, Inc.,<br>7.75%, 2/15/19                | 83  | 79,680  |
|  | 959 | 973,385 |

|   |         |           |
|---|---------|-----------|
| Catalent Pharma<br>Solutions, Inc.,<br>7.88%, 10/15/18 (b)          |         |           |
| Covanta Holding<br>Corp., 6.38%,<br>10/01/22                        | 985     | 1,062,537 |
| EC Finance Plc,<br>9.75%, 8/01/17                                   | EUR 677 | 954,901   |
| Mead Products<br>LLC/ACCO Brands<br>Corp., 6.75%,<br>4/30/20 (b)    | USD 117 | 122,850   |
| Mobile Mini, Inc.,<br>7.88%, 12/01/20                               | 570     | 631,275   |
| TransUnion<br>LLC/TransUnion<br>Financing Corp.,<br>11.38%, 6/15/18 | 99      | 111,870   |
| UR Merger Sub Corp.:<br>5.75%, 7/15/18                              | 398     | 424,865   |
| 7.38%, 5/15/20  | 675     | 740,812   |
| 8.25%, 2/01/21  | 718     | 795,185   |
| 7.63%, 4/15/22  |         |           |