LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
Data File : VW009738.D
Acq On : 05 Apr 2019 17:46
Operator : SY/VA
Sample : K2120-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VHBLK02

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.361 | 69 | 75 | 87 | rVB | 70557 | 155291 | 11.52% | 1.422% |
| 2 | 2.891 | 157 | 162 | 175 | rVB | 63061 | 166790 | 12.37% | 1.527% |
| 3 | 3.934 | 331 | 333 | 334 | rBV2 | 1077 | 695 | 0.05% | 0.006% |
| 4 | 4.013 | 334 | 346 | 364 | rBV3 | 139385 | 489845 | 36.33% | 4.486% |
| 5 | 4.257 | 384 | 386 | 388 | rBV3 | 906 | 813 | 0.06% | 0.007% |
| 6 | 4.397 | 400 | 409 | 417 | rBV2 | 7408 | 23755 | 1.76% | 0.218% |
| 7 | 4.495 | 423 | 425 | 426 | rBV2 | 660 | 507 | 0.04% | 0.005% |
| 8 | 4.641 | 448 | 449 | 453 | rVB3 | 1183 | 1414 | 0.10% | 0.013% |
| 9 | 4.684 | 453 | 456 | 459 | rBV4 | 761 | 938 | 0.07% | 0.009% |
| 10 | 4.830 | 478 | 480 | 481 | rBV2 | 665 | 527 | 0.04% | 0.005% |
| 11 | 4.915 | 482 | 494 | 505 | rVV3 | 13924 | 55493 | 4.12% | 0.508% |
| 12 | 5.080 | 518 | 521 | 522 | rBV2 | 634 | 598 | 0.04% | 0.005% |
| 13 | 5.117 | 525 | 527 | 528 | rBV2 | 793 | 605 | 0.04% | 0.006% |
| 14 | 5.135 | 528 | 530 | 531 | rVV2 | 845 | 639 | 0.05% | 0.006% |
| 15 | 5.153 | 531 | 533 | 536 | rVV4 | 1228 | 1275 | 0.09% | 0.012% |
| 16 | 5.178 | 536 | 537 | 541 | rVV3 | 1084 | 1104 | 0.08% | 0.010% |
| 17 | 5.360 | 564 | 567 | 568 | rBV3 | 974 | 1077 | 0.08% | 0.010% |
| 18 | 5.415 | 573 | 576 | 578 | rBV3 | 650 | 782 | 0.06% | 0.007% |
| 19 | 5.440 | 578 | 580 | 582 | rVB2 | 866 | 606 | 0.04% | 0.006% |
| 20 | 5.476 | 582 | 586 | 587 | rBV3 | 720 | 810 | 0.06% | 0.007% |
| 21 | 5.549 | 596 | 598 | 601 | rBV3 | 770 | 954 | 0.07% | 0.009% |
| 22 | 5.934 | 651 | 661 | 670 | rBV5 | 9611 | 29490 | 2.19% | 0.270% |
| 23 | 6.129 | 690 | 693 | 694 | rBV3 | 617 | 603 | 0.04% | 0.006% |
| 24 | 6.196 | 702 | 704 | 707 | rVB3 | 903 | 1045 | 0.08% | 0.010% |
| 25 | 6.482 | 749 | 751 | 754 | rBV3 | 797 | 576 | 0.04% | 0.005% |
| 26 | 6.616 | 772 | 773 | 777 | rBV | 740 | 857 | 0.06% | 0.008% |
| 27 | 6.671 | 780 | 782 | 785 | rVV2 | 666 | 684 | 0.05% | 0.006% |
| 28 | 6.720 | 788 | 790 | 792 | rVV2 | 744 | 726 | 0.05% | 0.007% |
| 29 | 6.805 | 800 | 804 | 805 | rBV2 | 1189 | 1103 | 0.08% | 0.010% |
| 30 | 6.866 | 809 | 814 | 816 | rVV5 | 660 | 961 | 0.07% | 0.009% |
| 31 | 6.933 | 823 | 825 | 828 | rBV2 | 789 | 591 | 0.04% | 0.005% |
| 32 | 7.074 | 840 | 848 | 860 | rBV | 55495 | 170654 | 12.66% | 1.563% |
| 33 | 7.287 | 882 | 883 | 885 | rVB2 | 1209 | 679 | 0.05% | 0.006% |
| 34 | 7.433 | 905 | 907 | 911 | rBV3 | 852 | 922 | 0.07% | 0.008% |

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Sample : K2120-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VHBLK02

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 7.464 | 911 | 912 | 916 | rBV4 | 562 | 790 | 0.06% | 0.007% |
| 36 | 7.641 | 932 | 941 | 954 | rVB | 251897 | 590302 | 43.78% | 5.406% |
| 37 | 7.811 | 967 | 969 | 971 | rBV | 720 | 616 | 0.05% | 0.006% |
| 38 | 7.988 | 996 | 998 | 1001 | rVB3 | 575 | 529 | 0.04% | 0.005% |
| 39 | 8.037 | 1004 | 1006 | 1007 | rBV2 | 754 | 699 | 0.05% | 0.006% |
| 40 | 8.147 | 1021 | 1024 | 1026 | rBV2 | 723 | 691 | 0.05% | 0.006% |
| 41 | 8.183 | 1028 | 1030 | 1033 | rVB4 | 863 | 513 | 0.04% | 0.005% |
| 42 | 8.275 | 1033 | 1045 | 1059 | rBV2 | 440440 | 1348484 | 100.00% | 12.350% |
| 43 | 8.415 | 1066 | 1068 | 1071 | rVB4 | 1163 | 1001 | 0.07% | 0.009% |
| 44 | 8.622 | 1100 | 1102 | 1106 | rVB2 | 1736 | 2245 | 0.17% | 0.021% |
| 45 | 8.774 | 1123 | 1127 | 1128 | rBV3 | 613 | 703 | 0.05% | 0.006% |
| 46 | 8.842 | 1128 | 1138 | 1147 | rBV | 537245 | 1050593 | 77.91% | 9.621% |
| 47 | 9.006 | 1163 | 1165 | 1167 | rBV2 | 1401 | 1346 | 0.10% | 0.012% |
| 48 | 9.073 | 1174 | 1176 | 1180 | rVB4 | 2579 | 3305 | 0.25% | 0.030% |
| 49 | 9.274 | 1200 | 1209 | 1219 | rVV | 324041 | 650871 | 48.27% | 5.961% |
| 50 | 9.433 | 1233 | 1235 | 1236 | rBV2 | 1071 | 818 | 0.06% | 0.007% |
| 51 | 9.512 | 1246 | 1248 | 1250 | rBV2 | 1075 | 1236 | 0.09% | 0.011% |
| 52 | 9.579 | 1256 | 1259 | 1261 | rBV4 | 943 | 1103 | 0.08% | 0.010% |
| 53 | 9.610 | 1261 | 1264 | 1265 | rVV2 | 1001 | 1082 | 0.08% | 0.010% |
| 54 | 9.658 | 1269 | 1272 | 1278 | rVB7 | 1319 | 3176 | 0.24% | 0.029% |
| 55 | 9.713 | 1278 | 1281 | 1282 | rBV3 | 938 | 1161 | 0.09% | 0.011% |
| 56 | 9.756 | 1283 | 1288 | 1295 | rVB4 | 5750 | 11097 | 0.82% | 0.102% |
| 57 | 9.890 | 1303 | 1310 | 1319 | rBV4 | 15085 | 35849 | 2.66% | 0.328% |
| 58 | 10.030 | 1325 | 1333 | 1341 | rBV | 159684 | 296084 | 21.96% | 2.712% |
| 59 | 10.250 | 1364 | 1369 | 1373 | rBV3 | 8615 | 14824 | 1.10% | 0.136% |
| 60 | 10.323 | 1374 | 1381 | 1388 | rBV | 619755 | 1043000 | 77.35% | 9.552% |
| 61 | 10.579 | 1416 | 1423 | 1429 | rBV | 116484 | 198666 | 14.73% | 1.819% |
| 62 | 10.701 | 1439 | 1443 | 1450 | rVB3 | 7331 | 13150 | 0.98% | 0.120% |
| 63 | 10.768 | 1450 | 1454 | 1461 | rVB5 | 3295 | 5368 | 0.40% | 0.049% |
| 64 | 10.841 | 1463 | 1466 | 1468 | rBV4 | 2933 | 4004 | 0.30% | 0.037% |
| 65 | 10.927 | 1473 | 1480 | 1494 | rBV2 | 212494 | 390764 | 28.98% | 3.579% |
| 66 | 11.170 | 1517 | 1520 | 1521 | rBV3 | 1276 | 1036 | 0.08% | 0.009% |
| 67 | 11.335 | 1545 | 1547 | 1552 | rVB4 | 2208 | 2921 | 0.22% | 0.027% |
| 68 | 11.408 | 1552 | 1559 | 1563 | rBV6 | 3144 | 6616 | 0.49% | 0.061% |
| 69 | 11.463 | 1566 | 1568 | 1570 | rVB3 | 1079 | 545 | 0.04% | 0.005% |
| 70 | 11.500 | 1570 | 1574 | 1577 | rVB2 | 861 | 1277 | 0.09% | 0.012% |
| 71 | 11.530 | 1577 | 1579 | 1581 | rBV2 | 814 | 1002 | 0.07% | 0.009% |

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Sample : K2120-17
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VHBLK02

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 11.628 | 1587 | 1595 | 1605 | rBV | 783544 | 1342387 | 99.55% | 12.294% |
| 73 | 12.073 | 1665 | 1668 | 1671 | rBV4 | 1140 | 1809 | 0.13% | 0.017% |
| 74 | 12.152 | 1679 | 1681 | 1683 | rBV3 | 1104 | 1080 | 0.08% | 0.010% |
| 75 | 12.292 | 1702 | 1704 | 1707 | rBV4 | 834 | 1117 | 0.08% | 0.010% |
| 76 | 12.396 | 1719 | 1721 | 1723 | rBV2 | 957 | 842 | 0.06% | 0.008% |
| 77 | 12.475 | 1730 | 1734 | 1736 | rBV2 | 1678 | 2640 | 0.20% | 0.024% |
| 78 | 12.609 | 1749 | 1756 | 1761 | rBV2 | 16062 | 27668 | 2.05% | 0.253% |
| 79 | 12.695 | 1763 | 1770 | 1778 | rVV | 311895 | 500931 | 37.15% | 4.588% |
| 80 | 12.780 | 1782 | 1784 | 1787 | rVB3 | 1026 | 1243 | 0.09% | 0.011% |
| 81 | 12.871 | 1796 | 1799 | 1801 | rBV3 | 824 | 998 | 0.07% | 0.009% |
| 82 | 12.896 | 1801 | 1803 | 1807 | rVV5 | 873 | 1123 | 0.08% | 0.010% |
| 83 | 12.926 | 1807 | 1808 | 1809 | rVV | 952 | 543 | 0.04% | 0.005% |
| 84 | 12.963 | 1812 | 1814 | 1815 | rBV | 846 | 532 | 0.04% | 0.005% |
| 85 | 13.060 | 1829 | 1830 | 1831 | rBV | 1141 | 602 | 0.04% | 0.006% |
| 86 | 13.164 | 1845 | 1847 | 1848 | rBV2 | 1204 | 712 | 0.05% | 0.007% |
| 87 | 13.408 | 1883 | 1887 | 1893 | rVB5 | 5510 | 11014 | 0.82% | 0.101% |
| 88 | 13.469 | 1893 | 1897 | 1901 | rBV5 | 5068 | 8808 | 0.65% | 0.081% |
| 89 | 13.560 | 1905 | 1912 | 1927 | rVB | 754930 | 1201259 | 89.08% | 11.001% |
| 90 | 13.853 | 1954 | 1960 | 1967 | rBV | 579236 | 938278 | 69.58% | 8.593% |
| 91 | 14.024 | 1984 | 1988 | 1991 | rBV6 | 2005 | 2845 | 0.21% | 0.026% |
| 92 | 14.072 | 1991 | 1996 | 2001 | rBV | 14496 | 24957 | 1.85% | 0.229% |
| 93 | 14.298 | 2031 | 2033 | 2034 | rBV2 | 918 | 733 | 0.05% | 0.007% |
| 94 | 14.328 | 2035 | 2038 | 2043 | rVV6 | 3784 | 5880 | 0.44% | 0.054% |
| 95 | 14.523 | 2068 | 2070 | 2074 | rVB5 | 1699 | 1965 | 0.15% | 0.018% |
| 96 | 14.597 | 2081 | 2082 | 2084 | rVB | 1050 | 697 | 0.05% | 0.006% |
| 97 | 14.682 | 2095 | 2096 | 2099 | rBV2 | 979 | 939 | 0.07% | 0.009% |
| 98 | 14.840 | 2120 | 2122 | 2123 | rBV2 | 1149 | 1141 | 0.08% | 0.010% |
| 99 | 15.029 | 2151 | 2153 | 2154 | rVB2 | 1393 | 701 | 0.05% | 0.006% |
| 100 | 15.444 | 2212 | 2221 | 2226 | rBV3 | 16786 | 34928 | 2.59% | 0.320% |

Sum of corrected areas: 10919248

LSC Report - Integrated Chromatogram

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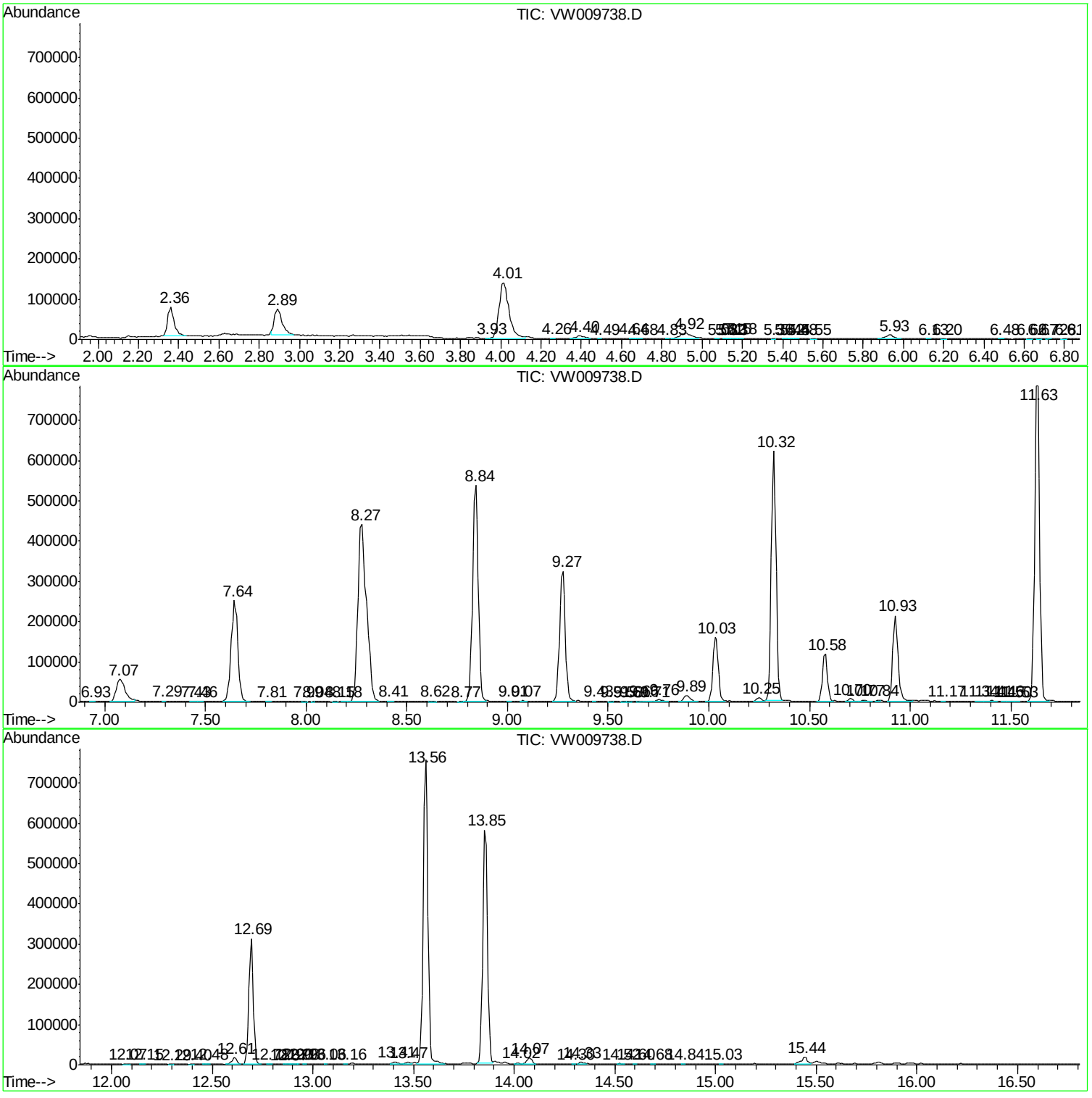
Sample : K2120-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VHBLK02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
Data File : VW009738.D
Acq On : 05 Apr 2019 17:46
Operator : SY/VA
Sample : K2120-17
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VHBLK02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

**********

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
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Acq On : 05 Apr 2019 17:46
Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VHBLK02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |