LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011066.D
Acq On : 28 May 2019 16:34
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK

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_V\METHOD\SOM2VLM052819S.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 | 1.315 | 65 | 70 | 79 | rVB | 279857 | 266125 | 14.29% | 1.940% |
| 2 | 2.122 | 314 | 321 | 334 | rVB | 427056 | 591459 | 31.76% | 4.311% |
| 3 | 3.666 | 798 | 801 | 803 | rBV3 | 1632 | 1275 | 0.07% | 0.009% |
| 4 | 3.859 | 858 | 861 | 865 | rBV5 | 2001 | 1623 | 0.09% | 0.012% |
| 5 | 3.971 | 873 | 896 | 922 | rBV2 | 127488 | 532256 | 28.58% | 3.880% |
| 6 | 4.399 | 1016 | 1029 | 1052 | rVB3 | 231914 | 685779 | 36.82% | 4.999% |
| 7 | 5.090 | 1222 | 1244 | 1254 | rBV2 | 747239 | 1862489 | 100.00% | 13.576% |
| 8 | 5.502 | 1367 | 1372 | 1374 | rBV5 | 1715 | 1367 | 0.07% | 0.010% |
| 9 | 5.547 | 1384 | 1386 | 1387 | rBV2 | 1275 | 486 | 0.03% | 0.004% |
| 10 | 5.659 | 1407 | 1421 | 1440 | rBV | 563063 | 1143275 | 61.38% | 8.333% |
| 11 | 5.945 | 1502 | 1510 | 1518 | rBV10 | 5905 | 10218 | 0.55% | 0.074% |
| 12 | 6.113 | 1549 | 1562 | 1595 | rVB | 418273 | 851616 | 45.72% | 6.208% |
| 13 | 6.408 | 1650 | 1654 | 1661 | rVB8 | 1626 | 1663 | 0.09% | 0.012% |
| 14 | 6.434 | 1661 | 1662 | 1664 | rBV2 | 634 | 248 | 0.01% | 0.002% |
| 15 | 6.531 | 1688 | 1692 | 1693 | rBV4 | 1112 | 610 | 0.03% | 0.004% |
| 16 | 6.540 | 1693 | 1695 | 1697 | rVV3 | 1180 | 571 | 0.03% | 0.004% |
| 17 | 6.579 | 1705 | 1707 | 1709 | rVB3 | 837 | 370 | 0.02% | 0.003% |
| 18 | 6.592 | 1709 | 1711 | 1713 | rVB3 | 1244 | 571 | 0.03% | 0.004% |
| 19 | 6.817 | 1769 | 1781 | 1794 | rBV2 | 29700 | 63352 | 3.40% | 0.462% |
| 20 | 6.958 | 1823 | 1825 | 1828 | rBV3 | 1310 | 806 | 0.04% | 0.006% |
| 21 | 7.026 | 1836 | 1846 | 1869 | rVB | 262467 | 461664 | 24.79% | 3.365% |
| 22 | 7.289 | 1915 | 1928 | 1929 | rBV5 | 20588 | 32963 | 1.77% | 0.240% |
| 23 | 7.357 | 1938 | 1949 | 1986 | rVB | 894716 | 1604060 | 86.12% | 11.692% |
| 24 | 7.659 | 2032 | 2043 | 2066 | rBV | 171954 | 293974 | 15.78% | 2.143% |
| 25 | 7.981 | 2134 | 2143 | 2165 | rVB | 49188 | 107394 | 5.77% | 0.783% |
| 26 | 8.058 | 2165 | 2167 | 2174 | rVB7 | 2814 | 2032 | 0.11% | 0.015% |
| 27 | 8.093 | 2175 | 2178 | 2179 | rBV3 | 1474 | 759 | 0.04% | 0.006% |
| 28 | 8.129 | 2179 | 2189 | 2210 | rBV | 262014 | 453754 | 24.36% | 3.307% |
| 29 | 8.418 | 2272 | 2279 | 2284 | rBV8 | 9989 | 15110 | 0.81% | 0.110% |
| 30 | 8.598 | 2328 | 2335 | 2342 | rBV8 | 2343 | 4767 | 0.26% | 0.035% |
| 31 | 8.659 | 2352 | 2354 | 2355 | rBV2 | 1262 | 415 | 0.02% | 0.003% |
| 32 | 8.759 | 2381 | 2385 | 2387 | rBV4 | 1522 | 825 | 0.04% | 0.006% |
| 33 | 8.794 | 2394 | 2396 | 2398 | rBV3 | 1558 | 957 | 0.05% | 0.007% |
| 34 | 8.842 | 2409 | 2411 | 2414 | rBV3 | 1579 | 1008 | 0.05% | 0.007% |

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ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK

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_V\METHOD\SOM2VLM052819S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 8.894 | 2414 | 2427 | 2456 | rVV | 868958 | 1491657 | 80.09% | 10.873% |
| 36 | 9.148 | 2503 | 2506 | 2508 | rBV4 | 1063 | 696 | 0.04% | 0.005% |
| 37 | 9.264 | 2537 | 2542 | 2552 | rVB4 | 2815 | 3353 | 0.18% | 0.024% |
| 38 | 9.331 | 2560 | 2563 | 2564 | rBV3 | 1026 | 506 | 0.03% | 0.004% |
| 39 | 9.383 | 2572 | 2579 | 2582 | rBV9 | 1605 | 1448 | 0.08% | 0.011% |
| 40 | 9.405 | 2583 | 2586 | 2591 | rVB6 | 1827 | 1456 | 0.08% | 0.011% |
| 41 | 9.434 | 2591 | 2595 | 2597 | rVB4 | 1016 | 677 | 0.04% | 0.005% |
| 42 | 9.447 | 2597 | 2599 | 2602 | rBV4 | 1172 | 989 | 0.05% | 0.007% |
| 43 | 9.469 | 2602 | 2606 | 2609 | rVB4 | 1602 | 1346 | 0.07% | 0.010% |
| 44 | 9.489 | 2609 | 2612 | 2614 | rBV4 | 1646 | 1129 | 0.06% | 0.008% |
| 45 | 9.720 | 2682 | 2684 | 2687 | rVB3 | 1723 | 772 | 0.04% | 0.006% |
| 46 | 9.736 | 2687 | 2689 | 2690 | rBV2 | 1189 | 462 | 0.02% | 0.003% |
| 47 | 9.762 | 2695 | 2697 | 2698 | rVB2 | 855 | 284 | 0.02% | 0.002% |
| 48 | 9.772 | 2698 | 2700 | 2705 | rBV5 | 2090 | 1456 | 0.08% | 0.011% |
| 49 | 9.836 | 2716 | 2720 | 2722 | rBV5 | 1098 | 801 | 0.04% | 0.006% |
| 50 | 9.858 | 2724 | 2727 | 2729 | rBV4 | 1457 | 726 | 0.04% | 0.005% |
| 51 | 9.910 | 2741 | 2743 | 2744 | rBV2 | 682 | 222 | 0.01% | 0.002% |
| 52 | 9.936 | 2748 | 2751 | 2752 | rBV3 | 1196 | 676 | 0.04% | 0.005% |
| 53 | 10.035 | 2777 | 2782 | 2785 | rBV6 | 1388 | 1207 | 0.06% | 0.009% |
| 54 | 10.100 | 2800 | 2802 | 2803 | rBV2 | 625 | 212 | 0.01% | 0.002% |
| 55 | 10.170 | 2819 | 2824 | 2828 | rBV8 | 2602 | 3022 | 0.16% | 0.022% |
| 56 | 10.260 | 2836 | 2852 | 2872 | rBV | 354454 | 569782 | 30.59% | 4.153% |
| 57 | 10.357 | 2878 | 2882 | 2883 | rBV4 | 2028 | 1104 | 0.06% | 0.008% |
| 58 | 10.479 | 2917 | 2920 | 2923 | rBV5 | 1233 | 954 | 0.05% | 0.007% |
| 59 | 10.688 | 2983 | 2985 | 2989 | rVB4 | 1503 | 877 | 0.05% | 0.006% |
| 60 | 10.714 | 2989 | 2993 | 2995 | rBV4 | 1104 | 901 | 0.05% | 0.007% |
| 61 | 10.875 | 3041 | 3043 | 3044 | rBV2 | 1258 | 540 | 0.03% | 0.004% |
| 62 | 10.958 | 3061 | 3069 | 3079 | rBV7 | 6872 | 11802 | 0.63% | 0.086% |
| 63 | 11.019 | 3084 | 3088 | 3090 | rBV5 | 799 | 522 | 0.03% | 0.004% |
| 64 | 11.148 | 3124 | 3128 | 3131 | rBV4 | 1324 | 797 | 0.04% | 0.006% |
| 65 | 11.167 | 3131 | 3134 | 3135 | rBV3 | 902 | 527 | 0.03% | 0.004% |
| 66 | 11.293 | 3162 | 3173 | 3192 | rBV | 775695 | 1319239 | 70.83% | 9.616% |
| 67 | 11.582 | 3261 | 3263 | 3268 | rBV6 | 1785 | 1240 | 0.07% | 0.009% |
| 68 | 11.672 | 3279 | 3291 | 3306 | rBV | 768141 | 1254655 | 67.36% | 9.145% |
| 69 | 11.881 | 3351 | 3356 | 3358 | rBV6 | 2076 | 2111 | 0.11% | 0.015% |
| 70 | 11.984 | 3385 | 3388 | 3391 | rBV5 | 1179 | 676 | 0.04% | 0.005% |
| 71 | 12.090 | 3418 | 3421 | 3426 | rBV7 | 1245 | 1253 | 0.07% | 0.009% |

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**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.222 | 3461 | 3462 | 3464 | rBV2 | 1016 | 536 | 0.03% | 0.004% |
| 73 | 12.376 | 3507 | 3510 | 3512 | rBV3 | 1575 | 1042 | 0.06% | 0.008% |
| 74 | 12.469 | 3536 | 3539 | 3541 | rBV4 | 1116 | 757 | 0.04% | 0.006% |
| 75 | 12.559 | 3564 | 3567 | 3570 | rBV4 | 1477 | 1264 | 0.07% | 0.009% |
| 76 | 12.617 | 3582 | 3585 | 3590 | rBV7 | 1195 | 1105 | 0.06% | 0.008% |
| 77 | 12.643 | 3590 | 3593 | 3598 | rVB7 | 1307 | 1315 | 0.07% | 0.010% |
| 78 | 12.749 | 3624 | 3626 | 3629 | rBV3 | 721 | 446 | 0.02% | 0.003% |
| 79 | 12.961 | 3690 | 3692 | 3694 | rBV3 | 1291 | 488 | 0.03% | 0.004% |
| 80 | 13.000 | 3702 | 3704 | 3706 | rBV4 | 941 | 498 | 0.03% | 0.004% |
| 81 | 13.132 | 3744 | 3745 | 3746 | rBV4 | 1073 | 352 | 0.02% | 0.003% |
| 82 | 13.209 | 3767 | 3769 | 3772 | rVB3 | 1770 | 884 | 0.05% | 0.006% |
| 83 | 13.411 | 3829 | 3832 | 3834 | rBV4 | 1302 | 909 | 0.05% | 0.007% |
| 84 | 13.489 | 3852 | 3856 | 3857 | rBV4 | 1526 | 1053 | 0.06% | 0.008% |
| 85 | 13.794 | 3941 | 3951 | 3964 | rBV7 | 18134 | 31066 | 1.67% | 0.226% |
| 86 | 13.968 | 4003 | 4005 | 4007 | rBV2 | 1194 | 514 | 0.03% | 0.004% |
| 87 | 14.006 | 4015 | 4017 | 4021 | rBV5 | 1429 | 970 | 0.05% | 0.007% |

Sum of corrected areas: 13719117

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
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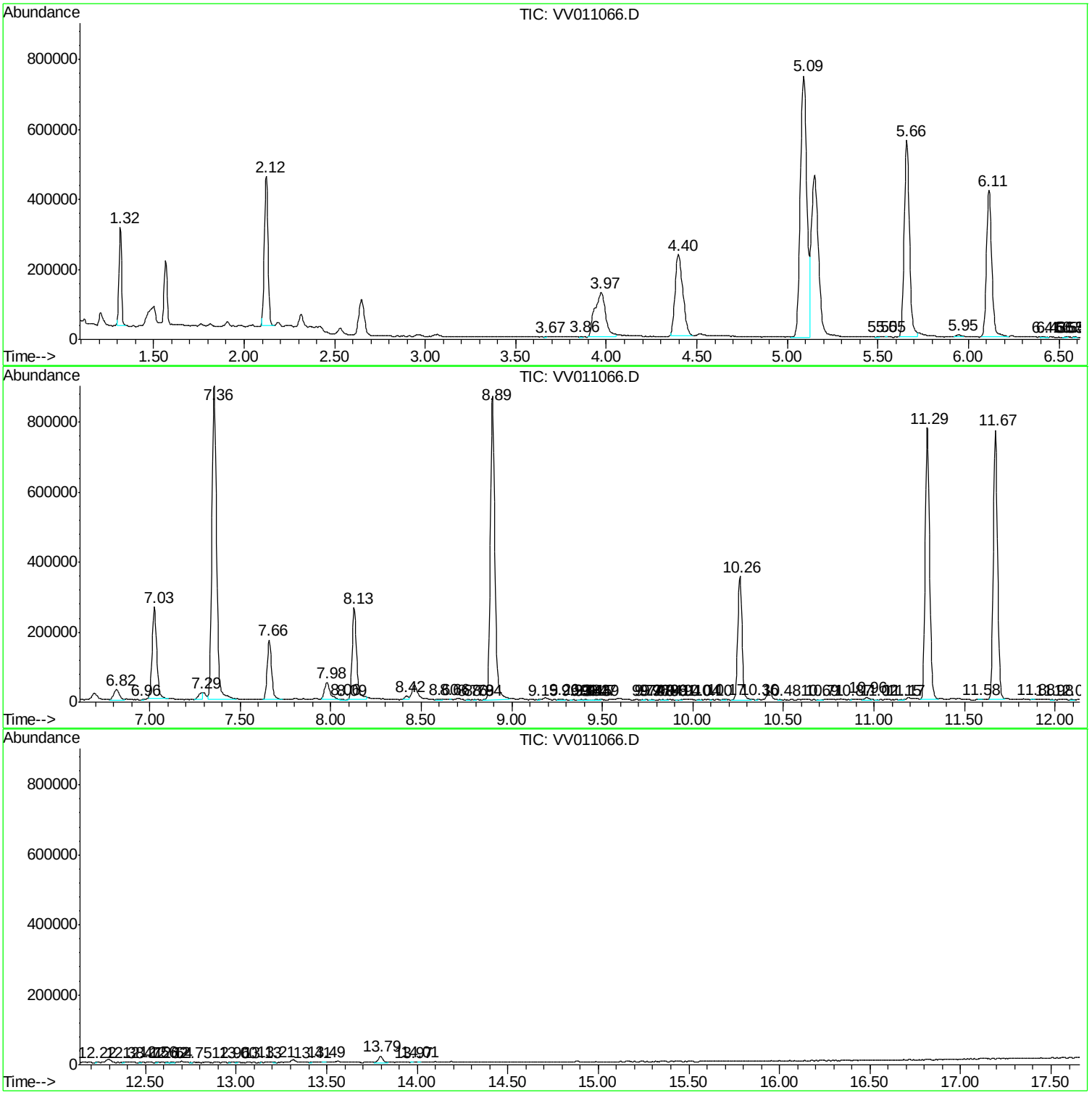
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.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_V\DATA\VV052819\
Data File : VV011066.D
Acq On : 28 May 2019 16:34
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

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Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011066.D
Acq On : 28 May 2019 16:34
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.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 |