# LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
Data File : VU031138.D
Acq On : 12 Apr 2019 18:59
Operator : JC/SP
Sample : K2339-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFC75

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_U\METHOD\SOMULM040519WMA.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 | 1.180 | 23 | 28 | 38 | rVB2 | 20787 | 20540 | 1.03% | 0.134% |
| 2 | 1.392 | 87 | 94 | 110 | rBV | 333727 | 353986 | 17.80% | 2.314% |
| 3 | 1.675 | 173 | 182 | 201 | rVB | 222529 | 295498 | 14.86% | 1.932% |
| 4 | 2.264 | 355 | 365 | 379 | rVB | 463082 | 711061 | 35.76% | 4.649% |
| 5 | 2.441 | 411 | 420 | 439 | rBV2 | 18029 | 35822 | 1.80% | 0.234% |
| 6 | 2.527 | 445 | 447 | 452 | rBV4 | 814 | 875 | 0.04% | 0.006% |
| 7 | 2.563 | 456 | 458 | 461 | rVB2 | 1269 | 677 | 0.03% | 0.004% |
| 8 | 2.666 | 487 | 490 | 492 | rBV3 | 1054 | 699 | 0.04% | 0.005% |
| 9 | 2.759 | 517 | 519 | 524 | rBV3 | 765 | 471 | 0.02% | 0.003% |
| 10 | 2.810 | 531 | 535 | 537 | rBV3 | 863 | 726 | 0.04% | 0.005% |
| 11 | 2.830 | 537 | 541 | 546 | rVB5 | 1605 | 1740 | 0.09% | 0.011% |
| 12 | 2.952 | 576 | 579 | 582 | rBV2 | 761 | 554 | 0.03% | 0.004% |
| 13 | 3.039 | 604 | 606 | 611 | rVV | 603 | 623 | 0.03% | 0.004% |
| 14 | 3.061 | 611 | 613 | 618 | rVB2 | 897 | 541 | 0.03% | 0.004% |
| 15 | 3.158 | 641 | 643 | 645 | rVB2 | 928 | 455 | 0.02% | 0.003% |
| 16 | 3.177 | 645 | 649 | 650 | rBV | 914 | 510 | 0.03% | 0.003% |
| 17 | 3.203 | 654 | 657 | 662 | rVB3 | 885 | 792 | 0.04% | 0.005% |
| 18 | 3.225 | 662 | 664 | 669 | rVB | 730 | 546 | 0.03% | 0.004% |
| 19 | 3.251 | 669 | 672 | 675 | rBV | 854 | 517 | 0.03% | 0.003% |
| 20 | 3.296 | 681 | 686 | 689 | rBV5 | 595 | 499 | 0.03% | 0.003% |
| 21 | 3.444 | 727 | 732 | 736 | rBV3 | 601 | 528 | 0.03% | 0.003% |
| 22 | 3.505 | 748 | 751 | 756 | rVB3 | 574 | 567 | 0.03% | 0.004% |
| 23 | 3.666 | 799 | 801 | 804 | rBV | 765 | 572 | 0.03% | 0.004% |
| 24 | 3.907 | 873 | 876 | 882 | rBV3 | 781 | 850 | 0.04% | 0.006% |
| 25 | 4.061 | 922 | 924 | 930 | rVB2 | 744 | 510 | 0.03% | 0.003% |
| 26 | 4.116 | 938 | 941 | 944 | rBV3 | 748 | 480 | 0.02% | 0.003% |
| 27 | 4.174 | 947 | 959 | 991 | rBV | 186677 | 525536 | 26.43% | 3.436% |
| 28 | 4.476 | 1049 | 1053 | 1054 | rBV2 | 759 | 531 | 0.03% | 0.003% |
| 29 | 4.643 | 1088 | 1105 | 1130 | rBV | 317867 | 774436 | 38.95% | 5.063% |
| 30 | 4.878 | 1175 | 1178 | 1179 | rVV3 | 1005 | 528 | 0.03% | 0.003% |
| 31 | 4.984 | 1208 | 1211 | 1217 | rVB4 | 643 | 627 | 0.03% | 0.004% |
| 32 | 5.035 | 1223 | 1227 | 1231 | rBV5 | 625 | 495 | 0.02% | 0.003% |
| 33 | 5.103 | 1245 | 1248 | 1252 | rVB3 | 620 | 455 | 0.02% | 0.003% |
| 34 | 5.334 | 1296 | 1320 | 1350 | rBV2 | 665706 | 1988381 | 100.00% | 13.000% |

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ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFC75

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_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.630 | 1410 | 1412 | 1416 | rVB4 | 869 | 631 | 0.03% | 0.004% |
| 36 | 5.752 | 1447 | 1450 | 1453 | rVV3 | 711 | 474 | 0.02% | 0.003% |
| 37 | 5.881 | 1477 | 1490 | 1519 | rBV | 614177 | 1234611 | 62.09% | 8.072% |
| 38 | 6.174 | 1577 | 1581 | 1583 | rBV4 | 2665 | 2203 | 0.11% | 0.014% |
| 39 | 6.325 | 1614 | 1628 | 1655 | rBV | 435118 | 887312 | 44.62% | 5.801% |
| 40 | 6.463 | 1668 | 1671 | 1674 | rBV3 | 1362 | 1050 | 0.05% | 0.007% |
| 41 | 6.711 | 1746 | 1748 | 1754 | rVB2 | 908 | 642 | 0.03% | 0.004% |
| 42 | 6.855 | 1789 | 1793 | 1796 | rBV3 | 1218 | 1103 | 0.06% | 0.007% |
| 43 | 7.116 | 1870 | 1874 | 1877 | rBV2 | 775 | 642 | 0.03% | 0.004% |
| 44 | 7.225 | 1893 | 1908 | 1933 | rBV | 220394 | 425323 | 21.39% | 2.781% |
| 45 | 7.434 | 1971 | 1973 | 1976 | rBV2 | 640 | 463 | 0.02% | 0.003% |
| 46 | 7.463 | 1980 | 1982 | 1988 | rVB6 | 1301 | 1110 | 0.06% | 0.007% |
| 47 | 7.563 | 2000 | 2013 | 2033 | rBV | 828877 | 1486181 | 74.74% | 9.717% |
| 48 | 7.849 | 2091 | 2102 | 2125 | rBV | 157640 | 285130 | 14.34% | 1.864% |
| 49 | 8.132 | 2185 | 2190 | 2193 | rBV4 | 981 | 1002 | 0.05% | 0.007% |
| 50 | 8.177 | 2194 | 2204 | 2212 | rBV3 | 5357 | 9231 | 0.46% | 0.060% |
| 51 | 8.225 | 2215 | 2219 | 2220 | rBV3 | 1795 | 1208 | 0.06% | 0.008% |
| 52 | 8.309 | 2234 | 2245 | 2276 | rBV | 559229 | 1114117 | 56.03% | 7.284% |
| 53 | 8.698 | 2363 | 2366 | 2367 | rBV2 | 858 | 464 | 0.02% | 0.003% |
| 54 | 8.707 | 2367 | 2369 | 2372 | rVB4 | 1015 | 579 | 0.03% | 0.004% |
| 55 | 8.810 | 2399 | 2401 | 2406 | rVV3 | 637 | 477 | 0.02% | 0.003% |
| 56 | 8.836 | 2406 | 2409 | 2414 | rVB3 | 852 | 661 | 0.03% | 0.004% |
| 57 | 8.948 | 2442 | 2444 | 2448 | rVB3 | 757 | 477 | 0.02% | 0.003% |
| 58 | 9.087 | 2474 | 2487 | 2516 | rBV | 905705 | 1555462 | 78.23% | 10.170% |
| 59 | 9.305 | 2546 | 2555 | 2558 | rVB5 | 871 | 984 | 0.05% | 0.006% |
| 60 | 9.392 | 2579 | 2582 | 2585 | rBV2 | 679 | 546 | 0.03% | 0.004% |
| 61 | 9.585 | 2640 | 2642 | 2645 | rVV2 | 808 | 555 | 0.03% | 0.004% |
| 62 | 9.620 | 2649 | 2653 | 2655 | rVV3 | 704 | 480 | 0.02% | 0.003% |
| 63 | 9.640 | 2657 | 2659 | 2668 | rVB2 | 765 | 828 | 0.04% | 0.005% |
| 64 | 9.675 | 2668 | 2670 | 2675 | rBV3 | 735 | 561 | 0.03% | 0.004% |
| 65 | 9.707 | 2677 | 2680 | 2683 | rVB3 | 1110 | 652 | 0.03% | 0.004% |
| 66 | 9.778 | 2699 | 2702 | 2708 | rBV3 | 802 | 706 | 0.04% | 0.005% |
| 67 | 9.865 | 2724 | 2729 | 2731 | rBV3 | 728 | 590 | 0.03% | 0.004% |
| 68 | 9.935 | 2748 | 2751 | 2755 | rBV2 | 724 | 544 | 0.03% | 0.004% |
| 69 | 10.025 | 2773 | 2779 | 2781 | rVV3 | 703 | 747 | 0.04% | 0.005% |
| 70 | 10.148 | 2813 | 2817 | 2820 | rBV4 | 890 | 574 | 0.03% | 0.004% |
| 71 | 10.177 | 2821 | 2826 | 2829 | rBV2 | 743 | 671 | 0.03% | 0.004% |

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**Instrument :** MSVOA_U
**ClientSampleId :** BFC75

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_U\METHOD\SOMULM040519WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.212 | 2835 | 2837 | 2842 | rVB2 | 749 | 536 | 0.03% | 0.004% |
| 73 | 10.263 | 2851 | 2853 | 2856 | rVB | 881 | 466 | 0.02% | 0.003% |
| 74 | 10.302 | 2861 | 2865 | 2867 | rBV2 | 632 | 539 | 0.03% | 0.004% |
| 75 | 10.321 | 2868 | 2871 | 2875 | rVB3 | 1335 | 1059 | 0.05% | 0.007% |
| 76 | 10.427 | 2892 | 2904 | 2930 | rVB | 581663 | 958665 | 48.21% | 6.268% |
| 77 | 10.517 | 2930 | 2932 | 2935 | rBV2 | 850 | 577 | 0.03% | 0.004% |
| 78 | 10.607 | 2952 | 2960 | 2971 | rVB7 | 4729 | 8254 | 0.42% | 0.054% |
| 79 | 11.000 | 3079 | 3082 | 3086 | rVB2 | 964 | 559 | 0.03% | 0.004% |
| 80 | 11.083 | 3104 | 3108 | 3111 | rBV3 | 1255 | 999 | 0.05% | 0.007% |
| 81 | 11.376 | 3195 | 3199 | 3204 | rBV4 | 848 | 734 | 0.04% | 0.005% |
| 82 | 11.482 | 3219 | 3232 | 3253 | rBV | 789326 | 1308470 | 65.81% | 8.555% |
| 83 | 11.710 | 3301 | 3303 | 3312 | rVB4 | 1604 | 1514 | 0.08% | 0.010% |
| 84 | 11.858 | 3336 | 3349 | 3375 | rBV | 747172 | 1255491 | 63.14% | 8.208% |
| 85 | 12.215 | 3457 | 3460 | 3462 | rBV3 | 1370 | 799 | 0.04% | 0.005% |
| 86 | 12.305 | 3484 | 3488 | 3493 | rBV6 | 955 | 1016 | 0.05% | 0.007% |
| 87 | 12.476 | 3536 | 3541 | 3551 | rBV7 | 2268 | 3255 | 0.16% | 0.021% |
| 88 | 12.967 | 3688 | 3694 | 3702 | rBV4 | 782 | 1526 | 0.08% | 0.010% |
| 89 | 13.514 | 3862 | 3864 | 3869 | rBV4 | 900 | 749 | 0.04% | 0.005% |
| 90 | 13.556 | 3873 | 3877 | 3879 | rBV3 | 937 | 639 | 0.03% | 0.004% |
| 91 | 13.601 | 3887 | 3891 | 3895 | rBV3 | 962 | 934 | 0.05% | 0.006% |
| 92 | 13.652 | 3905 | 3907 | 3910 | rBV | 683 | 529 | 0.03% | 0.003% |
| 93 | 13.739 | 3932 | 3934 | 3937 | rBV2 | 757 | 486 | 0.02% | 0.003% |
| 94 | 13.861 | 3968 | 3972 | 3974 | rBV2 | 852 | 731 | 0.04% | 0.005% |
| 95 | 14.131 | 4053 | 4056 | 4060 | rBV5 | 1611 | 1202 | 0.06% | 0.008% |
| 96 | 14.877 | 4282 | 4288 | 4291 | rBV4 | 1275 | 1424 | 0.07% | 0.009% |
| 97 | 14.897 | 4291 | 4294 | 4296 | rBV3 | 1064 | 658 | 0.03% | 0.004% |
| 98 | 15.035 | 4333 | 4337 | 4340 | rBV3 | 1175 | 1116 | 0.06% | 0.007% |
| 99 | 15.183 | 4380 | 4383 | 4387 | rBV4 | 1449 | 777 | 0.04% | 0.005% |
| 100 | 16.099 | 4665 | 4668 | 4669 | rBV4 | 1697 | 1001 | 0.05% | 0.007% |

Sum of corrected areas: 15295324

LSC Report - Integrated Chromatogram

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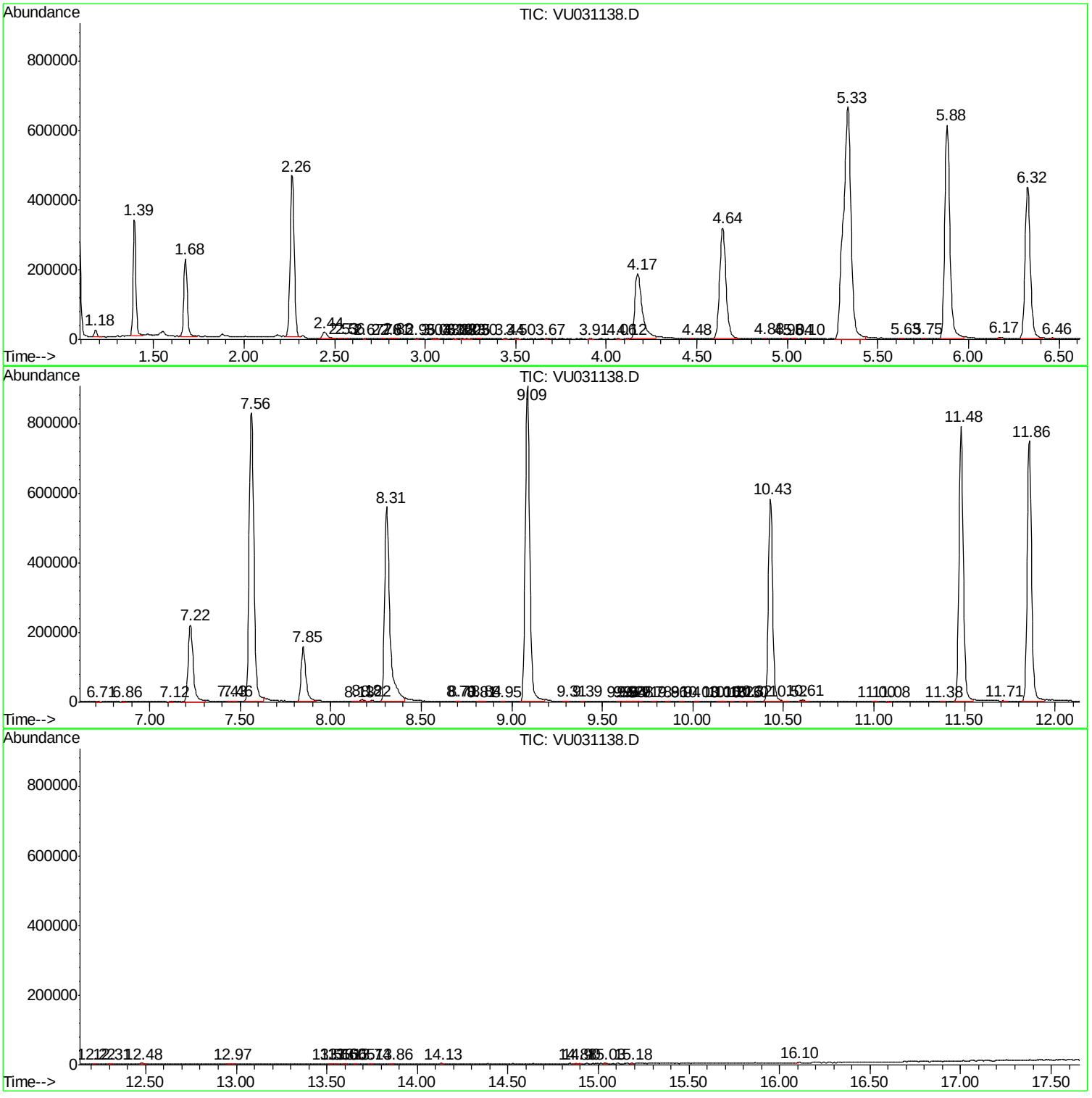
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFC75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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_U\DATA\VU041219\
Data File : VU031138.D
Acq On : 12 Apr 2019 18:59
Operator : JC/SP
Sample : K2339-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BFC75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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_U\DATA\VU041219\
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BFC75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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 |