# LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101218\
Data File : VU027614.D
Acq On : 12 Oct 2018 10:01
Operator : MD/SY
Sample : J5403-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0906

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\SOMULM100518WMA.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 | 1.398 | 64 | 70 | 87 | rBV | 98399 | 101317 | 14.74% | 1.936% |
| 2 | 1.681 | 151 | 158 | 177 | rVB | 73921 | 93766 | 13.64% | 1.791% |
| 3 | 2.276 | 332 | 343 | 352 | rBV | 151080 | 230552 | 33.54% | 4.405% |
| 4 | 2.443 | 387 | 395 | 415 | rVB2 | 8610 | 16716 | 2.43% | 0.319% |
| 5 | 2.726 | 479 | 483 | 487 | rBV2 | 363 | 465 | 0.07% | 0.009% |
| 6 | 2.832 | 508 | 516 | 529 | rVB4 | 2109 | 4219 | 0.61% | 0.081% |
| 7 | 2.945 | 548 | 551 | 554 | rBV | 251 | 205 | 0.03% | 0.004% |
| 8 | 3.003 | 567 | 569 | 571 | rBV | 114 | 76 | 0.01% | 0.001% |
| 9 | 3.019 | 571 | 574 | 577 | rVB | 256 | 175 | 0.03% | 0.003% |
| 10 | 3.057 | 582 | 586 | 587 | rBV | 127 | 79 | 0.01% | 0.002% |
| 11 | 3.173 | 619 | 622 | 625 | rBV2 | 187 | 159 | 0.02% | 0.003% |
| 12 | 3.286 | 653 | 657 | 659 | rBV2 | 187 | 119 | 0.02% | 0.002% |
| 13 | 3.318 | 665 | 667 | 669 | rBV | 151 | 67 | 0.01% | 0.001% |
| 14 | 3.369 | 680 | 683 | 685 | rVB2 | 193 | 108 | 0.02% | 0.002% |
| 15 | 3.395 | 685 | 691 | 696 | rBV2 | 224 | 302 | 0.04% | 0.006% |
| 16 | 3.491 | 719 | 721 | 723 | rBV | 150 | 102 | 0.01% | 0.002% |
| 17 | 3.540 | 732 | 736 | 740 | rBV | 196 | 184 | 0.03% | 0.004% |
| 18 | 3.591 | 749 | 752 | 754 | rBV2 | 178 | 132 | 0.02% | 0.003% |
| 19 | 3.636 | 763 | 766 | 769 | rBV2 | 171 | 135 | 0.02% | 0.003% |
| 20 | 3.665 | 772 | 775 | 780 | rVV | 142 | 168 | 0.02% | 0.003% |
| 21 | 3.697 | 783 | 785 | 789 | rVB2 | 163 | 101 | 0.01% | 0.002% |
| 22 | 3.774 | 807 | 809 | 812 | rBV | 171 | 77 | 0.01% | 0.001% |
| 23 | 3.848 | 829 | 832 | 835 | rBV | 233 | 132 | 0.02% | 0.003% |
| 24 | 3.868 | 836 | 838 | 842 | rVB | 198 | 94 | 0.01% | 0.002% |
| 25 | 3.954 | 862 | 865 | 866 | rVV | 126 | 73 | 0.01% | 0.001% |
| 26 | 3.964 | 866 | 868 | 874 | rVB2 | 169 | 116 | 0.02% | 0.002% |
| 27 | 4.000 | 876 | 879 | 881 | rBV2 | 158 | 89 | 0.01% | 0.002% |
| 28 | 4.016 | 881 | 884 | 885 | rBV | 147 | 86 | 0.01% | 0.002% |
| 29 | 4.073 | 900 | 902 | 907 | rVB | 185 | 122 | 0.02% | 0.002% |
| 30 | 4.180 | 921 | 935 | 958 | rBV | 66376 | 176042 | 25.61% | 3.363% |
| 31 | 4.530 | 1034 | 1044 | 1047 | rBV | 152 | 219 | 0.03% | 0.004% |
| 32 | 4.578 | 1056 | 1059 | 1063 | rVB | 175 | 114 | 0.02% | 0.002% |
| 33 | 4.652 | 1063 | 1082 | 1107 | rBV | 112688 | 266842 | 38.81% | 5.098% |
| 34 | 4.819 | 1130 | 1134 | 1136 | rBV2 | 202 | 156 | 0.02% | 0.003% |

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ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0906

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\SOMULM100518WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 4.835 | 1136 | 1139 | 1142 | rVB2 | 167 | 97 | 0.01% | 0.002% |
| 36 | 4.858 | 1142 | 1146 | 1149 | rBV | 104 | 72 | 0.01% | 0.001% |
| 37 | 4.884 | 1149 | 1154 | 1157 | rBV3 | 385 | 428 | 0.06% | 0.008% |
| 38 | 4.948 | 1173 | 1174 | 1178 | rVB | 158 | 64 | 0.01% | 0.001% |
| 39 | 4.987 | 1183 | 1186 | 1189 | rBV2 | 179 | 177 | 0.03% | 0.003% |
| 40 | 5.093 | 1214 | 1219 | 1224 | rBV | 206 | 193 | 0.03% | 0.004% |
| 41 | 5.138 | 1230 | 1233 | 1234 | rBV2 | 118 | 69 | 0.01% | 0.001% |
| 42 | 5.344 | 1273 | 1297 | 1335 | rBV2 | 230313 | 687483 | 100.00% | 13.135% |
| 43 | 5.517 | 1348 | 1351 | 1355 | rVB | 204 | 127 | 0.02% | 0.002% |
| 44 | 5.601 | 1374 | 1377 | 1378 | rBV | 122 | 69 | 0.01% | 0.001% |
| 45 | 5.659 | 1393 | 1395 | 1398 | rVB | 180 | 101 | 0.01% | 0.002% |
| 46 | 5.678 | 1398 | 1401 | 1403 | rBV | 164 | 139 | 0.02% | 0.003% |
| 47 | 5.755 | 1422 | 1425 | 1427 | rVB2 | 289 | 147 | 0.02% | 0.003% |
| 48 | 5.794 | 1431 | 1437 | 1438 | rBV | 253 | 176 | 0.03% | 0.003% |
| 49 | 5.890 | 1452 | 1467 | 1499 | rBV | 226246 | 454686 | 66.14% | 8.687% |
| 50 | 6.163 | 1550 | 1552 | 1554 | rBV | 208 | 116 | 0.02% | 0.002% |
| 51 | 6.183 | 1554 | 1558 | 1559 | rBV | 831 | 692 | 0.10% | 0.013% |
| 52 | 6.279 | 1585 | 1588 | 1591 | rBV | 170 | 131 | 0.02% | 0.003% |
| 53 | 6.334 | 1591 | 1605 | 1629 | rBV | 158302 | 322118 | 46.85% | 6.154% |
| 54 | 6.498 | 1652 | 1656 | 1658 | rBV | 215 | 171 | 0.02% | 0.003% |
| 55 | 6.540 | 1666 | 1669 | 1671 | rBV | 141 | 97 | 0.01% | 0.002% |
| 56 | 6.726 | 1724 | 1727 | 1730 | rVB2 | 176 | 104 | 0.02% | 0.002% |
| 57 | 6.781 | 1741 | 1744 | 1746 | rBV | 165 | 96 | 0.01% | 0.002% |
| 58 | 6.797 | 1746 | 1749 | 1752 | rVV | 98 | 69 | 0.01% | 0.001% |
| 59 | 6.826 | 1756 | 1758 | 1761 | rVV2 | 285 | 180 | 0.03% | 0.003% |
| 60 | 6.861 | 1765 | 1769 | 1774 | rVB3 | 527 | 494 | 0.07% | 0.009% |
| 61 | 7.102 | 1840 | 1844 | 1847 | rBV | 95 | 70 | 0.01% | 0.001% |
| 62 | 7.231 | 1872 | 1884 | 1908 | rBV | 83557 | 151812 | 22.08% | 2.900% |
| 63 | 7.334 | 1914 | 1916 | 1919 | rVB2 | 235 | 119 | 0.02% | 0.002% |
| 64 | 7.385 | 1930 | 1932 | 1937 | rBV2 | 305 | 229 | 0.03% | 0.004% |
| 65 | 7.462 | 1953 | 1956 | 1957 | rBV | 198 | 128 | 0.02% | 0.002% |
| 66 | 7.514 | 1970 | 1972 | 1974 | rBV | 146 | 66 | 0.01% | 0.001% |
| 67 | 7.569 | 1975 | 1989 | 2012 | rBV | 288321 | 511498 | 74.40% | 9.773% |
| 68 | 7.752 | 2045 | 2046 | 2048 | rVB | 253 | 74 | 0.01% | 0.001% |
| 69 | 7.851 | 2066 | 2077 | 2103 | rBV | 60197 | 101646 | 14.79% | 1.942% |
| 70 | 7.970 | 2110 | 2114 | 2117 | rBV2 | 152 | 113 | 0.02% | 0.002% |
| 71 | 8.176 | 2169 | 2178 | 2192 | rVB4 | 2687 | 4826 | 0.70% | 0.092% |

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Sample : J5403-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0906

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\SOMULM100518WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 8.260 | 2201 | 2204 | 2209 | rBV2 | 245 | 255 | 0.04% | 0.005% |
| 73 | 8.314 | 2209 | 2221 | 2251 | rBV | 205300 | 367114 | 53.40% | 7.014% |
| 74 | 8.472 | 2264 | 2270 | 2278 | rBV4 | 1834 | 2704 | 0.39% | 0.052% |
| 75 | 8.536 | 2286 | 2290 | 2296 | rBV3 | 380 | 422 | 0.06% | 0.008% |
| 76 | 8.588 | 2304 | 2306 | 2307 | rBV3 | 196 | 88 | 0.01% | 0.002% |
| 77 | 8.626 | 2316 | 2318 | 2321 | rBV2 | 123 | 75 | 0.01% | 0.001% |
| 78 | 8.646 | 2321 | 2324 | 2327 | rVB2 | 212 | 153 | 0.02% | 0.003% |
| 79 | 8.668 | 2327 | 2331 | 2335 | rBV | 147 | 139 | 0.02% | 0.003% |
| 80 | 8.800 | 2369 | 2372 | 2374 | rBV2 | 188 | 115 | 0.02% | 0.002% |
| 81 | 8.867 | 2391 | 2393 | 2398 | rVB | 238 | 141 | 0.02% | 0.003% |
| 82 | 9.015 | 2437 | 2439 | 2444 | rVB | 262 | 131 | 0.02% | 0.003% |
| 83 | 9.041 | 2444 | 2447 | 2450 | rBV2 | 158 | 99 | 0.01% | 0.002% |
| 84 | 9.093 | 2450 | 2463 | 2488 | rBV | 320197 | 530041 | 77.10% | 10.127% |
| 85 | 9.260 | 2509 | 2515 | 2519 | rBV2 | 326 | 320 | 0.05% | 0.006% |
| 86 | 9.372 | 2548 | 2550 | 2551 | rBV | 275 | 96 | 0.01% | 0.002% |
| 87 | 9.520 | 2593 | 2596 | 2597 | rBV | 182 | 90 | 0.01% | 0.002% |
| 88 | 9.642 | 2630 | 2634 | 2639 | rBV2 | 180 | 154 | 0.02% | 0.003% |
| 89 | 9.671 | 2639 | 2643 | 2649 | rVB2 | 231 | 248 | 0.04% | 0.005% |
| 90 | 9.720 | 2656 | 2658 | 2661 | rBV | 177 | 91 | 0.01% | 0.002% |
| 91 | 9.781 | 2675 | 2677 | 2679 | rVB | 233 | 113 | 0.02% | 0.002% |
| 92 | 9.977 | 2735 | 2738 | 2743 | rVB | 250 | 149 | 0.02% | 0.003% |
| 93 | 10.022 | 2749 | 2752 | 2753 | rBV | 203 | 102 | 0.01% | 0.002% |
| 94 | 10.195 | 2804 | 2806 | 2809 | rVB | 178 | 70 | 0.01% | 0.001% |
| 95 | 10.234 | 2809 | 2818 | 2832 | rBV2 | 10157 | 17915 | 2.61% | 0.342% |
| 96 | 10.433 | 2867 | 2880 | 2897 | rBV | 194032 | 310729 | 45.20% | 5.937% |
| 97 | 10.610 | 2926 | 2935 | 2945 | rVB3 | 2644 | 4176 | 0.61% | 0.080% |
| 98 | 11.485 | 3195 | 3207 | 3228 | rBV | 280846 | 442437 | 64.36% | 8.453% |
| 99 | 11.748 | 3281 | 3289 | 3304 | rBV2 | 6519 | 11787 | 1.71% | 0.225% |
| 100 | 11.861 | 3312 | 3324 | 3343 | rBV | 257772 | 411875 | 59.91% | 7.869% |

Sum of corrected areas: 5234015

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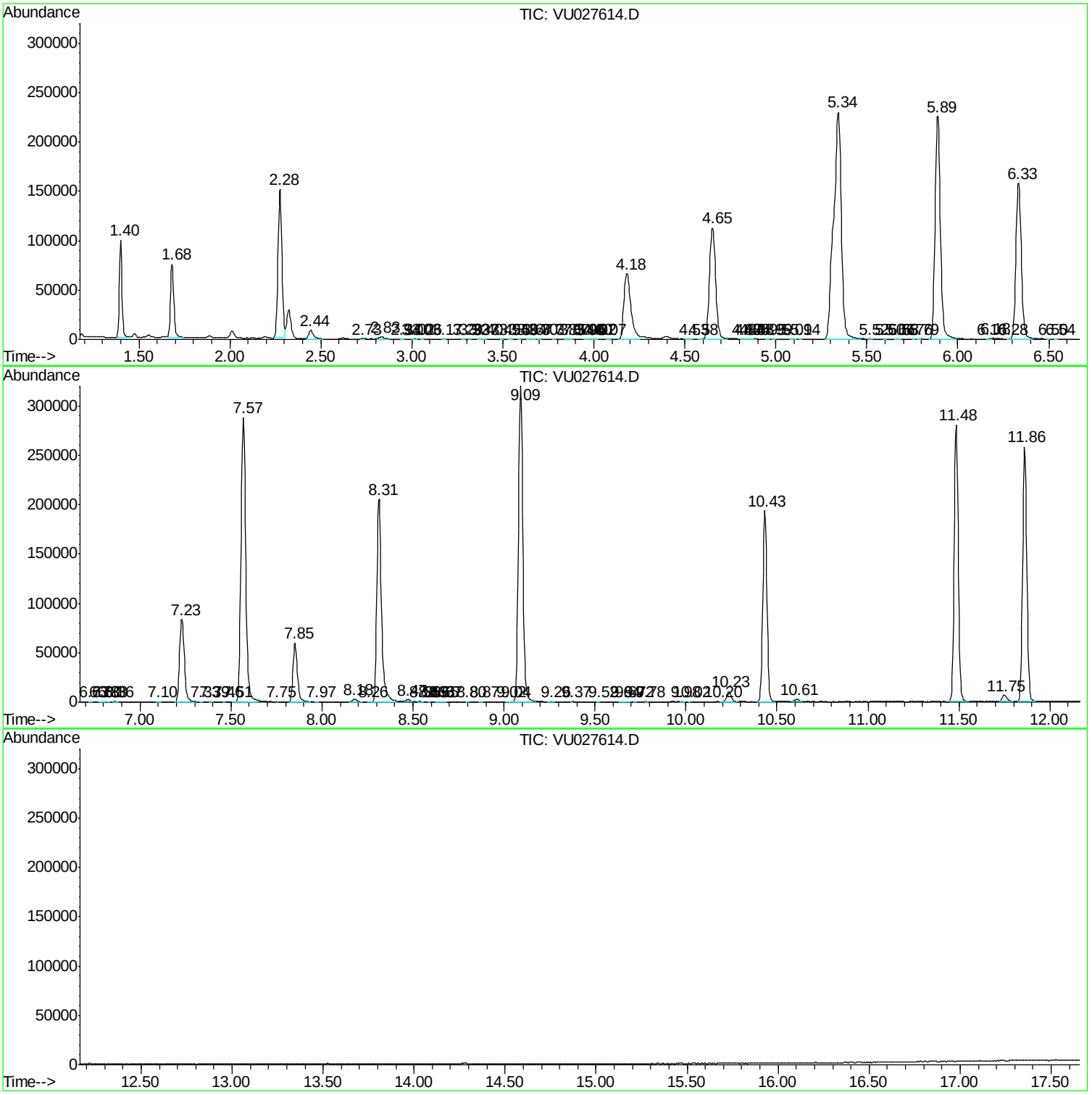
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0906

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.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\VU101218\
Data File : VU027614.D
Acq On : 12 Oct 2018 10:01
Operator : MD/SY
Sample : J5403-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0906

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.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

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Sample : J5403-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0906

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.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 |