LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
Data File : VU026764.D
Acq On : 14 Sep 2018 14:26
Operator : MD/SY
Sample : J4893-20DL 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C08K8DL

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\SOMULM091018WMA.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 | 63 | 70 | 83 | rVB | 81873 | 84081 | 8.66% | 1.595% |
| 2 | 1.678 | 150 | 157 | 176 | rVB | 62766 | 81148 | 8.36% | 1.540% |
| 3 | 2.273 | 331 | 342 | 356 | rBV | 130547 | 197942 | 20.40% | 3.756% |
| 4 | 2.443 | 389 | 395 | 402 | rBV3 | 1822 | 2238 | 0.23% | 0.042% |
| 5 | 2.611 | 443 | 447 | 448 | rBV | 352 | 207 | 0.02% | 0.004% |
| 6 | 2.701 | 469 | 475 | 485 | rVB2 | 1149 | 1686 | 0.17% | 0.032% |
| 7 | 2.836 | 510 | 517 | 518 | rBV | 626 | 557 | 0.06% | 0.011% |
| 8 | 3.154 | 613 | 616 | 618 | rBV | 94 | 52 | 0.01% | 0.001% |
| 9 | 3.247 | 641 | 645 | 650 | rVB | 146 | 147 | 0.02% | 0.003% |
| 10 | 3.273 | 650 | 653 | 657 | rBV | 43 | 36 | 0.00% | 0.001% |
| 11 | 3.369 | 680 | 683 | 686 | rVB | 86 | 59 | 0.01% | 0.001% |
| 12 | 3.398 | 686 | 692 | 695 | rBV | 114 | 102 | 0.01% | 0.002% |
| 13 | 3.463 | 704 | 712 | 715 | rBV | 124 | 172 | 0.02% | 0.003% |
| 14 | 3.572 | 741 | 746 | 748 | rBV | 67 | 68 | 0.01% | 0.001% |
| 15 | 3.656 | 769 | 772 | 774 | rBV | 55 | 37 | 0.00% | 0.001% |
| 16 | 3.672 | 774 | 777 | 784 | rVB | 129 | 138 | 0.01% | 0.003% |
| 17 | 3.704 | 784 | 787 | 791 | rBV | 49 | 46 | 0.00% | 0.001% |
| 18 | 4.003 | 873 | 880 | 886 | rVB | 93 | 106 | 0.01% | 0.002% |
| 19 | 4.038 | 886 | 891 | 894 | rBV | 68 | 60 | 0.01% | 0.001% |
| 20 | 4.067 | 894 | 900 | 903 | rBV | 178 | 113 | 0.01% | 0.002% |
| 21 | 4.115 | 907 | 915 | 918 | rBV | 78 | 96 | 0.01% | 0.002% |
| 22 | 4.180 | 921 | 935 | 967 | rBV2 | 50163 | 130960 | 13.50% | 2.485% |
| 23 | 4.356 | 987 | 990 | 994 | rBV3 | 202 | 182 | 0.02% | 0.003% |
| 24 | 4.408 | 1004 | 1006 | 1008 | rVB2 | 233 | 91 | 0.01% | 0.002% |
| 25 | 4.492 | 1028 | 1032 | 1037 | rBV | 72 | 85 | 0.01% | 0.002% |
| 26 | 4.517 | 1037 | 1040 | 1043 | rVB | 84 | 46 | 0.00% | 0.001% |
| 27 | 4.546 | 1046 | 1049 | 1057 | rVB | 105 | 135 | 0.01% | 0.003% |
| 28 | 4.578 | 1057 | 1059 | 1060 | rBV | 137 | 58 | 0.01% | 0.001% |
| 29 | 4.649 | 1064 | 1081 | 1104 | rBV2 | 94455 | 220541 | 22.73% | 4.185% |
| 30 | 4.845 | 1140 | 1142 | 1145 | rBV | 111 | 65 | 0.01% | 0.001% |
| 31 | 4.884 | 1149 | 1154 | 1155 | rBV3 | 391 | 302 | 0.03% | 0.006% |
| 32 | 4.926 | 1165 | 1167 | 1172 | rVB | 62 | 39 | 0.00% | 0.001% |
| 33 | 4.955 | 1172 | 1176 | 1177 | rBV | 94 | 68 | 0.01% | 0.001% |
| 34 | 5.067 | 1205 | 1211 | 1213 | rVV | 65 | 73 | 0.01% | 0.001% |

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Sample : J4893-20DL 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C08K8DL

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\SOMULM091018WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.099 | 1217 | 1221 | 1224 | rVB | 111 | 95 | 0.01% | 0.002% |
| 36 | 5.125 | 1224 | 1229 | 1237 | rBV | 130 | 168 | 0.02% | 0.003% |
| 37 | 5.180 | 1243 | 1246 | 1249 | rBV | 78 | 66 | 0.01% | 0.001% |
| 38 | 5.344 | 1272 | 1297 | 1308 | rBV2 | 188950 | 568516 | 58.58% | 10.787% |
| 39 | 5.475 | 1336 | 1338 | 1340 | rVB | 156 | 62 | 0.01% | 0.001% |
| 40 | 5.511 | 1346 | 1349 | 1351 | rBV | 63 | 43 | 0.00% | 0.001% |
| 41 | 5.549 | 1357 | 1361 | 1366 | rBV | 80 | 81 | 0.01% | 0.002% |
| 42 | 5.572 | 1366 | 1368 | 1370 | rVB | 123 | 49 | 0.01% | 0.001% |
| 43 | 5.601 | 1373 | 1377 | 1379 | rBV | 52 | 45 | 0.00% | 0.001% |
| 44 | 5.665 | 1394 | 1397 | 1398 | rBV | 118 | 46 | 0.00% | 0.001% |
| 45 | 5.697 | 1405 | 1407 | 1413 | rVB | 99 | 68 | 0.01% | 0.001% |
| 46 | 5.736 | 1413 | 1419 | 1422 | rBV | 110 | 110 | 0.01% | 0.002% |
| 47 | 5.816 | 1440 | 1444 | 1449 | rBV | 106 | 92 | 0.01% | 0.002% |
| 48 | 5.890 | 1451 | 1467 | 1488 | rBV | 194084 | 376139 | 38.76% | 7.137% |
| 49 | 6.051 | 1514 | 1517 | 1519 | rVB | 121 | 68 | 0.01% | 0.001% |
| 50 | 6.180 | 1554 | 1557 | 1564 | rVV4 | 394 | 404 | 0.04% | 0.008% |
| 51 | 6.334 | 1590 | 1605 | 1625 | rBV | 132031 | 259972 | 26.79% | 4.933% |
| 52 | 6.421 | 1630 | 1632 | 1637 | rVB2 | 274 | 184 | 0.02% | 0.003% |
| 53 | 6.462 | 1642 | 1645 | 1649 | rVB | 179 | 112 | 0.01% | 0.002% |
| 54 | 6.495 | 1650 | 1655 | 1657 | rBV | 81 | 61 | 0.01% | 0.001% |
| 55 | 6.511 | 1657 | 1660 | 1664 | rBV | 76 | 69 | 0.01% | 0.001% |
| 56 | 6.633 | 1692 | 1698 | 1702 | rBV | 69 | 77 | 0.01% | 0.001% |
| 57 | 6.655 | 1702 | 1705 | 1713 | rVB | 88 | 100 | 0.01% | 0.002% |
| 58 | 6.691 | 1713 | 1716 | 1718 | rBV | 63 | 43 | 0.00% | 0.001% |
| 59 | 6.835 | 1758 | 1761 | 1763 | rBV | 64 | 36 | 0.00% | 0.001% |
| 60 | 6.852 | 1763 | 1766 | 1767 | rBV | 315 | 142 | 0.01% | 0.003% |
| 61 | 6.964 | 1798 | 1801 | 1804 | rBV | 105 | 78 | 0.01% | 0.001% |
| 62 | 7.022 | 1817 | 1819 | 1820 | rBV | 149 | 57 | 0.01% | 0.001% |
| 63 | 7.151 | 1856 | 1859 | 1862 | rBV | 79 | 63 | 0.01% | 0.001% |
| 64 | 7.231 | 1869 | 1884 | 1899 | rBV | 68119 | 118283 | 12.19% | 2.244% |
| 65 | 7.347 | 1917 | 1920 | 1922 | rBV | 73 | 51 | 0.01% | 0.001% |
| 66 | 7.360 | 1922 | 1924 | 1926 | rVV | 134 | 75 | 0.01% | 0.001% |
| 67 | 7.382 | 1927 | 1931 | 1932 | rVV2 | 187 | 99 | 0.01% | 0.002% |
| 68 | 7.392 | 1932 | 1934 | 1935 | rVB | 182 | 66 | 0.01% | 0.001% |
| 69 | 7.466 | 1955 | 1957 | 1960 | rBV | 125 | 39 | 0.00% | 0.001% |
| 70 | 7.569 | 1975 | 1989 | 2008 | rBV | 240958 | 416759 | 42.95% | 7.908% |
| 71 | 7.688 | 2024 | 2026 | 2032 | rVB2 | 263 | 214 | 0.02% | 0.004% |

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Sample : J4893-20DL 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C08K8DL

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\SOMULM091018WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 7.713 | 2032 | 2034 | 2036 | rVB | 246 | 98 | 0.01% | 0.002% |
| 73 | 7.733 | 2036 | 2040 | 2041 | rBV | 118 | 79 | 0.01% | 0.001% |
| 74 | 7.761 | 2047 | 2049 | 2052 | rVB2 | 205 | 81 | 0.01% | 0.002% |
| 75 | 7.851 | 2066 | 2077 | 2093 | rBV | 48882 | 80645 | 8.31% | 1.530% |
| 76 | 8.038 | 2133 | 2135 | 2138 | rVB | 180 | 102 | 0.01% | 0.002% |
| 77 | 8.077 | 2144 | 2147 | 2149 | rBV | 74 | 54 | 0.01% | 0.001% |
| 78 | 8.186 | 2168 | 2181 | 2189 | rBV3 | 2331 | 4956 | 0.51% | 0.094% |
| 79 | 8.311 | 2210 | 2220 | 2248 | rVB | 158916 | 267153 | 27.53% | 5.069% |
| 80 | 8.504 | 2278 | 2280 | 2282 | rBV | 148 | 53 | 0.01% | 0.001% |
| 81 | 8.623 | 2310 | 2317 | 2324 | rVB | 997 | 1432 | 0.15% | 0.027% |
| 82 | 8.787 | 2365 | 2368 | 2370 | rBV | 68 | 51 | 0.01% | 0.001% |
| 83 | 8.977 | 2424 | 2427 | 2430 | rBV | 99 | 58 | 0.01% | 0.001% |
| 84 | 9.093 | 2450 | 2463 | 2470 | rBV | 280365 | 506905 | 52.24% | 9.618% |
| 85 | 9.247 | 2509 | 2511 | 2514 | rBV2 | 138 | 99 | 0.01% | 0.002% |
| 86 | 9.382 | 2548 | 2553 | 2556 | rBV2 | 201 | 202 | 0.02% | 0.004% |
| 87 | 9.433 | 2566 | 2569 | 2572 | rBV | 91 | 55 | 0.01% | 0.001% |
| 88 | 9.723 | 2655 | 2659 | 2662 | rBV | 130 | 115 | 0.01% | 0.002% |
| 89 | 9.784 | 2677 | 2678 | 2683 | rVB | 147 | 64 | 0.01% | 0.001% |
| 90 | 9.916 | 2714 | 2719 | 2726 | rBV | 146 | 211 | 0.02% | 0.004% |
| 91 | 10.167 | 2794 | 2797 | 2800 | rBV | 213 | 117 | 0.01% | 0.002% |
| 92 | 10.305 | 2838 | 2840 | 2844 | rBV | 150 | 87 | 0.01% | 0.002% |
| 93 | 10.433 | 2867 | 2880 | 2901 | rVB | 175526 | 276233 | 28.47% | 5.241% |
| 94 | 11.420 | 3177 | 3187 | 3196 | rBV2 | 13390 | 20113 | 2.07% | 0.382% |
| 95 | 11.485 | 3196 | 3207 | 3235 | rVB2 | 261901 | 637319 | 65.67% | 12.092% |
| 96 | 11.736 | 3283 | 3285 | 3287 | rBV | 170 | 77 | 0.01% | 0.001% |
| 97 | 11.877 | 3312 | 3329 | 3348 | rBV2 | 437683 | 970417 | 100.00% | 18.413% |
| 98 | 13.504 | 3827 | 3835 | 3850 | rBV2 | 19914 | 32591 | 3.36% | 0.618% |
| 99 | 13.697 | 3893 | 3895 | 3899 | rBV2 | 318 | 239 | 0.02% | 0.005% |
| 100 | 13.993 | 3979 | 3987 | 4000 | rVB5 | 3702 | 6425 | 0.66% | 0.122% |

Sum of corrected areas: 5270399

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
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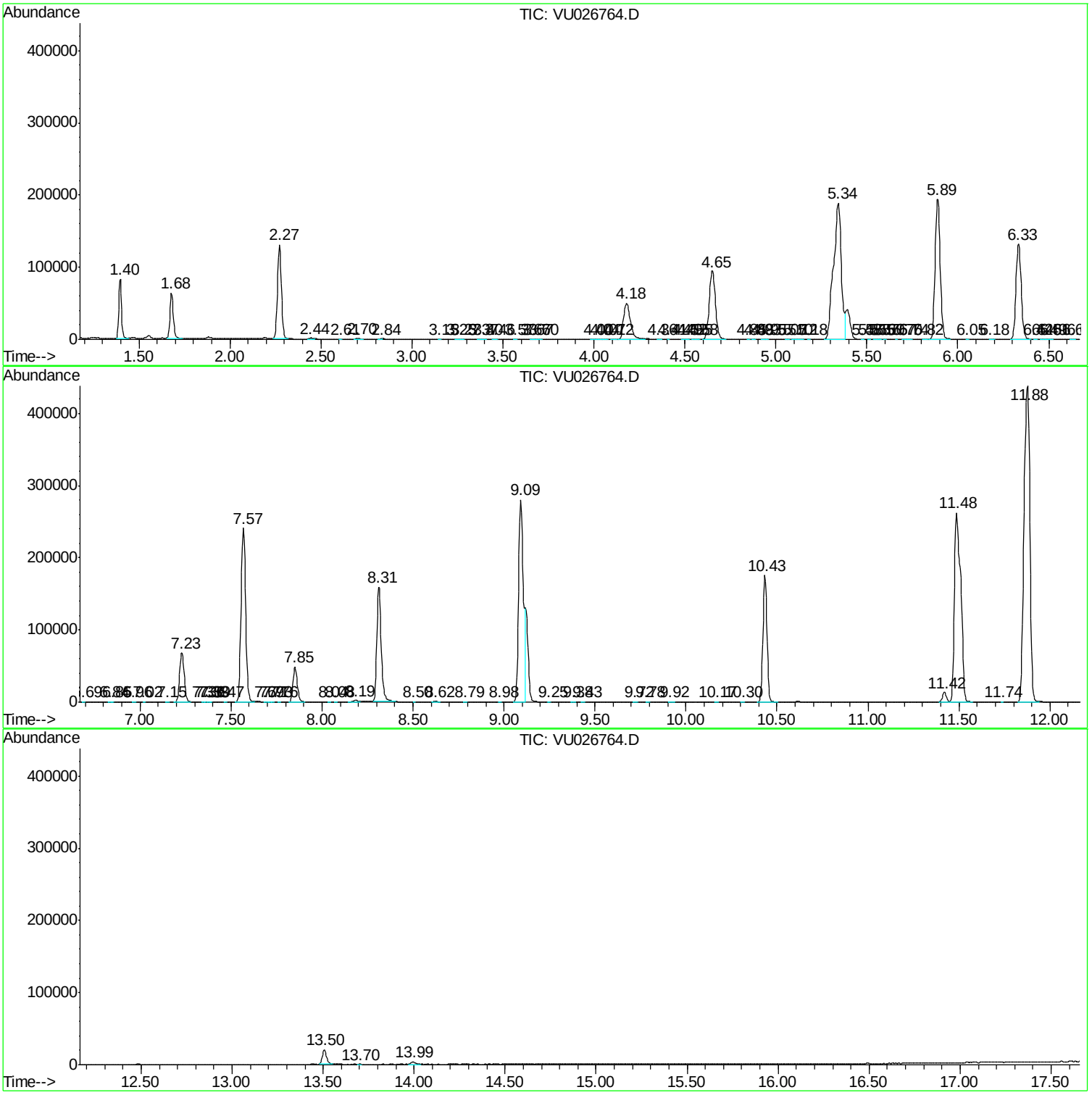
Operator : MD/SY
Sample : J4893-20DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C08K8DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.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\VU091518\
Data File : VU026764.D
Acq On : 14 Sep 2018 14:26
Operator : MD/SY
Sample : J4893-20DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C08K8DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.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\VU091518\
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ALS Vial : 39 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C08K8DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.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 |