LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
Data File : VW009924.D
Acq On : 11 Apr 2019 19:28
Operator : SY/VA
Sample : K2303-19
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF887

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 | 2.355 | 70 | 74 | 81 | rVB | 28461 | 50785 | 5.83% | 0.906% |
| 2 | 2.885 | 158 | 161 | 177 | rVB | 29894 | 71118 | 8.17% | 1.269% |
| 3 | 4.007 | 335 | 345 | 356 | rBV | 63489 | 185240 | 21.27% | 3.304% |
| 4 | 4.117 | 356 | 363 | 375 | rVB | 31768 | 90364 | 10.38% | 1.612% |
| 5 | 4.379 | 397 | 406 | 414 | rBV3 | 8205 | 27496 | 3.16% | 0.490% |
| 6 | 4.525 | 428 | 430 | 432 | rBV3 | 647 | 488 | 0.06% | 0.009% |
| 7 | 4.745 | 465 | 466 | 467 | rBV | 905 | 540 | 0.06% | 0.010% |
| 8 | 4.903 | 482 | 492 | 502 | rBV2 | 22597 | 78111 | 8.97% | 1.393% |
| 9 | 5.111 | 522 | 526 | 528 | rBV4 | 629 | 948 | 0.11% | 0.017% |
| 10 | 5.287 | 552 | 555 | 557 | rBV2 | 895 | 1195 | 0.14% | 0.021% |
| 11 | 5.312 | 557 | 559 | 561 | rVV3 | 1513 | 1370 | 0.16% | 0.024% |
| 12 | 5.361 | 565 | 567 | 570 | rBV3 | 746 | 760 | 0.09% | 0.014% |
| 13 | 5.519 | 591 | 593 | 595 | rBV2 | 755 | 798 | 0.09% | 0.014% |
| 14 | 5.574 | 600 | 602 | 605 | rBV4 | 659 | 940 | 0.11% | 0.017% |
| 15 | 5.836 | 644 | 645 | 646 | rBV | 551 | 362 | 0.04% | 0.006% |
| 16 | 5.921 | 653 | 659 | 660 | rBV3 | 2763 | 4071 | 0.47% | 0.073% |
| 17 | 6.068 | 681 | 683 | 688 | rBV4 | 815 | 1502 | 0.17% | 0.027% |
| 18 | 6.129 | 690 | 693 | 694 | rBV3 | 850 | 947 | 0.11% | 0.017% |
| 19 | 6.147 | 694 | 696 | 697 | rVV2 | 898 | 663 | 0.08% | 0.012% |
| 20 | 6.165 | 697 | 699 | 702 | rVB3 | 1362 | 1245 | 0.14% | 0.022% |
| 21 | 6.202 | 702 | 705 | 707 | rBV2 | 872 | 888 | 0.10% | 0.016% |
| 22 | 6.220 | 707 | 708 | 711 | rVB2 | 1106 | 1084 | 0.12% | 0.019% |
| 23 | 6.251 | 711 | 713 | 716 | rBV3 | 913 | 998 | 0.11% | 0.018% |
| 24 | 6.403 | 734 | 738 | 740 | rBV3 | 847 | 1102 | 0.13% | 0.020% |
| 25 | 6.458 | 744 | 747 | 748 | rVV2 | 854 | 762 | 0.09% | 0.014% |
| 26 | 6.476 | 748 | 750 | 752 | rVB2 | 844 | 577 | 0.07% | 0.010% |
| 27 | 6.531 | 758 | 759 | 762 | rBV | 674 | 551 | 0.06% | 0.010% |
| 28 | 6.574 | 764 | 766 | 768 | rVB | 929 | 617 | 0.07% | 0.011% |
| 29 | 6.592 | 768 | 769 | 770 | rBV | 614 | 353 | 0.04% | 0.006% |
| 30 | 6.690 | 783 | 785 | 787 | rVB3 | 591 | 519 | 0.06% | 0.009% |
| 31 | 6.714 | 787 | 789 | 790 | rBV2 | 572 | 397 | 0.05% | 0.007% |
| 32 | 6.799 | 800 | 803 | 804 | rBV3 | 536 | 511 | 0.06% | 0.009% |
| 33 | 6.860 | 811 | 813 | 814 | rVB | 786 | 396 | 0.05% | 0.007% |
| 34 | 6.994 | 833 | 835 | 836 | rBV | 825 | 419 | 0.05% | 0.007% |

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Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF887

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 | 7.080 | 840 | 849 | 859 | rBV2 | 33619 | 105155 | 12.07% | 1.876% |
| 36 | 7.403 | 898 | 902 | 903 | rBV3 | 967 | 1108 | 0.13% | 0.020% |
| 37 | 7.647 | 932 | 942 | 955 | rVB | 169304 | 409725 | 47.04% | 7.308% |
| 38 | 7.860 | 975 | 977 | 981 | rVB3 | 916 | 1149 | 0.13% | 0.020% |
| 39 | 7.933 | 984 | 989 | 990 | rBV3 | 1201 | 1433 | 0.16% | 0.026% |
| 40 | 8.031 | 1004 | 1005 | 1009 | rVB3 | 720 | 665 | 0.08% | 0.012% |
| 41 | 8.104 | 1016 | 1017 | 1022 | rBV3 | 838 | 1394 | 0.16% | 0.025% |
| 42 | 8.177 | 1027 | 1029 | 1031 | rVB2 | 911 | 656 | 0.08% | 0.012% |
| 43 | 8.275 | 1033 | 1045 | 1062 | rVV2 | 260656 | 870956 | 100.00% | 15.535% |
| 44 | 8.391 | 1062 | 1064 | 1066 | rBV2 | 1176 | 1284 | 0.15% | 0.023% |
| 45 | 8.555 | 1090 | 1091 | 1093 | rBV2 | 923 | 771 | 0.09% | 0.014% |
| 46 | 8.689 | 1109 | 1113 | 1114 | rBV3 | 967 | 980 | 0.11% | 0.017% |
| 47 | 8.842 | 1130 | 1138 | 1146 | rBV | 204387 | 405619 | 46.57% | 7.235% |
| 48 | 9.025 | 1164 | 1168 | 1169 | rBV3 | 639 | 741 | 0.09% | 0.013% |
| 49 | 9.079 | 1169 | 1177 | 1184 | rVB8 | 7387 | 17328 | 1.99% | 0.309% |
| 50 | 9.177 | 1190 | 1193 | 1195 | rBV3 | 869 | 1331 | 0.15% | 0.024% |
| 51 | 9.195 | 1195 | 1196 | 1197 | rVB | 1110 | 406 | 0.05% | 0.007% |
| 52 | 9.275 | 1201 | 1209 | 1219 | rVV | 233963 | 474074 | 54.43% | 8.456% |
| 53 | 9.494 | 1243 | 1245 | 1249 | rBV2 | 815 | 812 | 0.09% | 0.014% |
| 54 | 9.561 | 1254 | 1256 | 1259 | rBV3 | 666 | 545 | 0.06% | 0.010% |
| 55 | 9.592 | 1259 | 1261 | 1262 | rBV | 836 | 636 | 0.07% | 0.011% |
| 56 | 9.653 | 1269 | 1271 | 1272 | rBV2 | 1403 | 1363 | 0.16% | 0.024% |
| 57 | 9.713 | 1279 | 1281 | 1284 | rVB2 | 1342 | 1308 | 0.15% | 0.023% |
| 58 | 9.750 | 1284 | 1287 | 1292 | rBV6 | 1366 | 2410 | 0.28% | 0.043% |
| 59 | 9.799 | 1292 | 1295 | 1297 | rBV4 | 596 | 729 | 0.08% | 0.013% |
| 60 | 9.890 | 1301 | 1310 | 1314 | rBV6 | 1512 | 4215 | 0.48% | 0.075% |
| 61 | 9.957 | 1318 | 1321 | 1323 | rBV3 | 1142 | 1546 | 0.18% | 0.028% |
| 62 | 10.031 | 1326 | 1333 | 1342 | rBV | 76339 | 142015 | 16.31% | 2.533% |
| 63 | 10.323 | 1373 | 1381 | 1388 | rBV | 296888 | 524969 | 60.28% | 9.364% |
| 64 | 10.476 | 1405 | 1406 | 1408 | rVB | 781 | 465 | 0.05% | 0.008% |
| 65 | 10.506 | 1408 | 1411 | 1414 | rBV5 | 1559 | 2221 | 0.26% | 0.040% |
| 66 | 10.579 | 1417 | 1423 | 1429 | rVV2 | 55201 | 93325 | 10.72% | 1.665% |
| 67 | 10.927 | 1473 | 1480 | 1490 | rBV2 | 120970 | 231356 | 26.56% | 4.127% |
| 68 | 11.244 | 1530 | 1532 | 1534 | rBV2 | 1694 | 1591 | 0.18% | 0.028% |
| 69 | 11.427 | 1561 | 1562 | 1563 | rBV | 1282 | 515 | 0.06% | 0.009% |
| 70 | 11.634 | 1589 | 1596 | 1604 | rVB | 307506 | 538259 | 61.80% | 9.601% |
| 71 | 11.780 | 1618 | 1620 | 1621 | rBV2 | 1164 | 844 | 0.10% | 0.015% |

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Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF887

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 | 12.067 | 1665 | 1667 | 1670 | rBV4 | 733 | 874 | 0.10% | 0.016% |
| 73 | 12.134 | 1675 | 1678 | 1681 | rVB3 | 1085 | 1397 | 0.16% | 0.025% |
| 74 | 12.170 | 1681 | 1684 | 1687 | rBV4 | 1648 | 1555 | 0.18% | 0.028% |
| 75 | 12.231 | 1692 | 1694 | 1695 | rBV2 | 1059 | 929 | 0.11% | 0.017% |
| 76 | 12.311 | 1705 | 1707 | 1709 | rBV3 | 747 | 800 | 0.09% | 0.014% |
| 77 | 12.469 | 1730 | 1733 | 1734 | rBV2 | 1171 | 1546 | 0.18% | 0.028% |
| 78 | 12.518 | 1738 | 1741 | 1743 | rVV | 972 | 1168 | 0.13% | 0.021% |
| 79 | 12.536 | 1743 | 1744 | 1748 | rVV3 | 1023 | 730 | 0.08% | 0.013% |
| 80 | 12.573 | 1748 | 1750 | 1751 | rVV2 | 785 | 746 | 0.09% | 0.013% |
| 81 | 12.609 | 1751 | 1756 | 1762 | rVV3 | 5543 | 10061 | 1.16% | 0.179% |
| 82 | 12.695 | 1763 | 1770 | 1779 | rVB | 214457 | 344164 | 39.52% | 6.139% |
| 83 | 12.853 | 1794 | 1796 | 1797 | rBV2 | 759 | 551 | 0.06% | 0.010% |
| 84 | 12.932 | 1806 | 1809 | 1813 | rVB5 | 2562 | 3823 | 0.44% | 0.068% |
| 85 | 13.207 | 1850 | 1854 | 1855 | rBV4 | 2025 | 2446 | 0.28% | 0.044% |
| 86 | 13.249 | 1859 | 1861 | 1866 | rVB5 | 1392 | 2039 | 0.23% | 0.036% |
| 87 | 13.304 | 1868 | 1870 | 1873 | rVB2 | 1106 | 1286 | 0.15% | 0.023% |
| 88 | 13.512 | 1900 | 1904 | 1905 | rBV4 | 2016 | 3116 | 0.36% | 0.056% |
| 89 | 13.560 | 1906 | 1912 | 1919 | rVV | 227706 | 363934 | 41.79% | 6.492% |
| 90 | 13.768 | 1940 | 1946 | 1948 | rBV6 | 1707 | 3411 | 0.39% | 0.061% |
| 91 | 13.853 | 1953 | 1960 | 1968 | rBV | 262725 | 434494 | 49.89% | 7.750% |
| 92 | 13.944 | 1973 | 1975 | 1976 | rBV | 1073 | 580 | 0.07% | 0.010% |
| 93 | 14.030 | 1986 | 1989 | 1991 | rBV3 | 1192 | 1187 | 0.14% | 0.021% |
| 94 | 14.072 | 1992 | 1996 | 2001 | rVB3 | 6210 | 9682 | 1.11% | 0.173% |
| 95 | 14.255 | 2024 | 2026 | 2030 | rVB4 | 1870 | 2178 | 0.25% | 0.039% |
| 96 | 14.292 | 2030 | 2032 | 2034 | rVB2 | 1213 | 656 | 0.08% | 0.012% |
| 97 | 14.335 | 2034 | 2039 | 2041 | rBV3 | 2269 | 3759 | 0.43% | 0.067% |
| 98 | 14.914 | 2132 | 2134 | 2137 | rBV4 | 924 | 724 | 0.08% | 0.013% |
| 99 | 15.505 | 2226 | 2231 | 2239 | rVB | 19845 | 35449 | 4.07% | 0.632% |
| 100 | 16.432 | 2381 | 2383 | 2385 | rBV2 | 935 | 1013 | 0.12% | 0.018% |

Sum of corrected areas: 5606314

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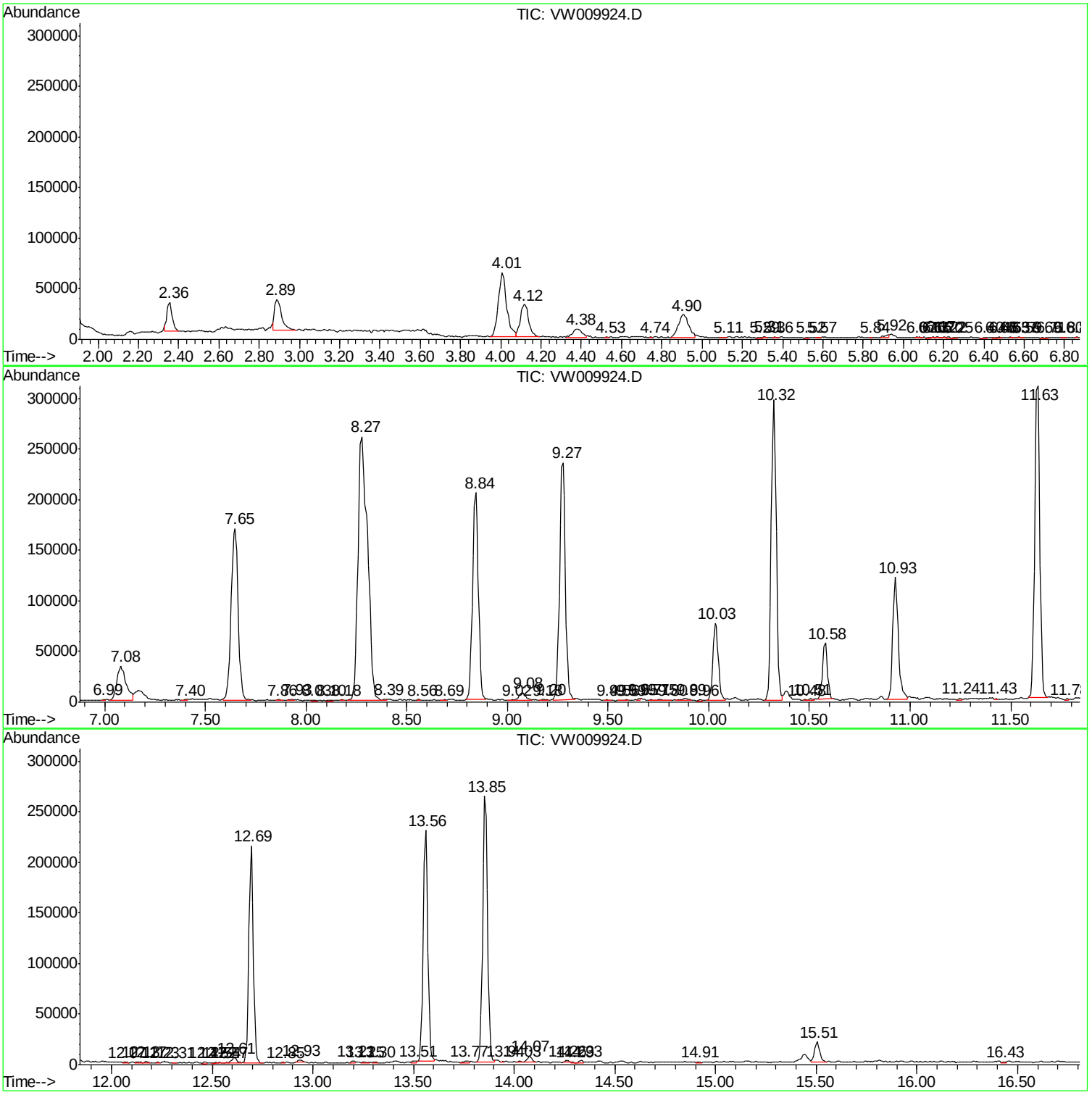
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF887

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\VW041119\
Data File : VW009924.D
Acq On : 11 Apr 2019 19:28
Operator : SY/VA
Sample : K2303-19
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
BF887

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\VW041119\
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ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** BF887

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 |