LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
Data File : VV019913.D
Acq On : 07 Jan 2021 11:16
Operator : SY/MD
Sample : VV0107WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK68

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\SOMVLM122820WMA.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 | 1.309 | 62 | 68 | 80 | rVB | 301591 | 291958 | 13.55% | 1.782% |
| 2 | 1.569 | 142 | 149 | 165 | rVB | 252819 | 289463 | 13.44% | 1.767% |
| 3 | 2.110 | 308 | 317 | 346 | rVB | 493977 | 762836 | 35.41% | 4.655% |
| 4 | 2.405 | 406 | 409 | 411 | rBV2 | 1346 | 1063 | 0.05% | 0.006% |
| 5 | 2.553 | 452 | 455 | 460 | rBV5 | 1183 | 1012 | 0.05% | 0.006% |
| 6 | 2.682 | 493 | 495 | 502 | rVB4 | 1002 | 768 | 0.04% | 0.005% |
| 7 | 2.872 | 552 | 554 | 557 | rVB4 | 989 | 502 | 0.02% | 0.003% |
| 8 | 2.888 | 557 | 559 | 561 | rBV3 | 835 | 433 | 0.02% | 0.003% |
| 9 | 2.936 | 567 | 574 | 580 | rBV7 | 1164 | 1505 | 0.07% | 0.009% |
| 10 | 3.013 | 593 | 598 | 599 | rBV3 | 929 | 704 | 0.03% | 0.004% |
| 11 | 3.036 | 602 | 605 | 611 | rVV9 | 782 | 647 | 0.03% | 0.004% |
| 12 | 3.113 | 626 | 629 | 631 | rBV3 | 824 | 584 | 0.03% | 0.004% |
| 13 | 3.183 | 648 | 651 | 653 | rVB3 | 1108 | 603 | 0.03% | 0.004% |
| 14 | 3.200 | 653 | 656 | 658 | rBV2 | 488 | 355 | 0.02% | 0.002% |
| 15 | 3.251 | 669 | 672 | 676 | rBV4 | 778 | 625 | 0.03% | 0.004% |
| 16 | 3.315 | 687 | 692 | 694 | rBV3 | 1083 | 748 | 0.03% | 0.005% |
| 17 | 3.364 | 704 | 707 | 709 | rBV2 | 755 | 393 | 0.02% | 0.002% |
| 18 | 3.421 | 721 | 725 | 726 | rBV3 | 961 | 766 | 0.04% | 0.005% |
| 19 | 3.537 | 759 | 761 | 764 | rVB2 | 548 | 299 | 0.01% | 0.002% |
| 20 | 3.611 | 781 | 784 | 787 | rVB2 | 647 | 426 | 0.02% | 0.003% |
| 21 | 3.627 | 787 | 789 | 791 | rBV2 | 768 | 448 | 0.02% | 0.003% |
| 22 | 3.675 | 802 | 804 | 807 | rBV3 | 590 | 365 | 0.02% | 0.002% |
| 23 | 3.688 | 807 | 808 | 811 | rVB2 | 1095 | 454 | 0.02% | 0.003% |
| 24 | 3.711 | 811 | 815 | 819 | rBV4 | 1064 | 1091 | 0.05% | 0.007% |
| 25 | 3.775 | 832 | 835 | 841 | rVB4 | 860 | 624 | 0.03% | 0.004% |
| 26 | 3.836 | 852 | 854 | 857 | rVB3 | 757 | 302 | 0.01% | 0.002% |
| 27 | 3.894 | 860 | 872 | 910 | rBV2 | 161208 | 510189 | 23.68% | 3.114% |
| 28 | 4.354 | 1000 | 1015 | 1041 | rBV | 343354 | 849126 | 39.41% | 5.182% |
| 29 | 4.646 | 1102 | 1106 | 1109 | rBV6 | 1193 | 1129 | 0.05% | 0.007% |
| 30 | 4.714 | 1125 | 1127 | 1133 | rVB4 | 1006 | 755 | 0.04% | 0.005% |
| 31 | 4.836 | 1162 | 1165 | 1166 | rBV3 | 1183 | 696 | 0.03% | 0.004% |
| 32 | 4.965 | 1202 | 1205 | 1208 | rBV3 | 852 | 683 | 0.03% | 0.004% |
| 33 | 5.052 | 1213 | 1232 | 1262 | rBV2 | 828627 | 2154458 | 100.00% | 13.148% |
| 34 | 5.518 | 1373 | 1377 | 1378 | rBV3 | 750 | 493 | 0.02% | 0.003% |

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Sample : VV0107WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK68

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\SOMVLM122820WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.621 | 1396 | 1409 | 1433 | rBV | 649429 | 1311741 | 60.88% | 8.005% |
| 36 | 5.910 | 1491 | 1499 | 1516 | rVB2 | 38120 | 78680 | 3.65% | 0.480% |
| 37 | 6.010 | 1528 | 1530 | 1532 | rBV3 | 791 | 433 | 0.02% | 0.003% |
| 38 | 6.074 | 1536 | 1550 | 1577 | rVV | 494624 | 1000591 | 46.44% | 6.106% |
| 39 | 6.357 | 1635 | 1638 | 1643 | rVB6 | 1704 | 1539 | 0.07% | 0.009% |
| 40 | 6.383 | 1643 | 1646 | 1647 | rBV2 | 952 | 493 | 0.02% | 0.003% |
| 41 | 6.428 | 1657 | 1660 | 1663 | rBV3 | 1720 | 1375 | 0.06% | 0.008% |
| 42 | 6.469 | 1671 | 1673 | 1678 | rVB2 | 1103 | 750 | 0.03% | 0.005% |
| 43 | 6.502 | 1681 | 1683 | 1686 | rBV3 | 1348 | 802 | 0.04% | 0.005% |
| 44 | 6.605 | 1713 | 1715 | 1717 | rVB4 | 719 | 269 | 0.01% | 0.002% |
| 45 | 6.736 | 1754 | 1756 | 1759 | rVB3 | 697 | 354 | 0.02% | 0.002% |
| 46 | 6.801 | 1773 | 1776 | 1778 | rBV3 | 1025 | 628 | 0.03% | 0.004% |
| 47 | 6.817 | 1778 | 1781 | 1782 | rBV | 843 | 374 | 0.02% | 0.002% |
| 48 | 6.849 | 1787 | 1791 | 1794 | rVV4 | 802 | 678 | 0.03% | 0.004% |
| 49 | 6.907 | 1806 | 1809 | 1813 | rVB5 | 710 | 613 | 0.03% | 0.004% |
| 50 | 6.990 | 1823 | 1835 | 1864 | rBV | 263474 | 490314 | 22.76% | 2.992% |
| 51 | 7.167 | 1887 | 1890 | 1891 | rBV2 | 1844 | 918 | 0.04% | 0.006% |
| 52 | 7.322 | 1925 | 1938 | 1960 | rBV | 936896 | 1619027 | 75.15% | 9.880% |
| 53 | 7.627 | 2022 | 2033 | 2054 | rBV | 183623 | 323561 | 15.02% | 1.975% |
| 54 | 7.916 | 2121 | 2123 | 2125 | rBV2 | 710 | 339 | 0.02% | 0.002% |
| 55 | 8.093 | 2168 | 2178 | 2219 | rBV2 | 531531 | 1054887 | 48.96% | 6.438% |
| 56 | 8.746 | 2379 | 2381 | 2384 | rBV3 | 690 | 390 | 0.02% | 0.002% |
| 57 | 8.858 | 2403 | 2416 | 2438 | rBV | 999493 | 1625734 | 75.46% | 9.921% |
| 58 | 9.122 | 2496 | 2498 | 2500 | rBV4 | 1126 | 592 | 0.03% | 0.004% |
| 59 | 9.254 | 2536 | 2539 | 2542 | rBV3 | 1026 | 755 | 0.04% | 0.005% |
| 60 | 9.338 | 2560 | 2565 | 2567 | rBV4 | 817 | 836 | 0.04% | 0.005% |
| 61 | 9.408 | 2583 | 2587 | 2590 | rVB4 | 736 | 497 | 0.02% | 0.003% |
| 62 | 9.466 | 2604 | 2605 | 2609 | rBV3 | 498 | 312 | 0.01% | 0.002% |
| 63 | 9.659 | 2663 | 2665 | 2667 | rBV3 | 598 | 309 | 0.01% | 0.002% |
| 64 | 9.704 | 2674 | 2679 | 2682 | rBV5 | 682 | 464 | 0.02% | 0.003% |
| 65 | 9.727 | 2685 | 2686 | 2689 | rBV2 | 660 | 341 | 0.02% | 0.002% |
| 66 | 9.781 | 2700 | 2703 | 2704 | rBV2 | 766 | 400 | 0.02% | 0.002% |
| 67 | 9.858 | 2723 | 2727 | 2735 | rBV5 | 1628 | 1497 | 0.07% | 0.009% |
| 68 | 9.993 | 2767 | 2769 | 2771 | rVV3 | 626 | 329 | 0.02% | 0.002% |
| 69 | 10.019 | 2774 | 2777 | 2778 | rBV3 | 808 | 434 | 0.02% | 0.003% |
| 70 | 10.096 | 2799 | 2801 | 2803 | rVB3 | 911 | 392 | 0.02% | 0.002% |
| 71 | 10.145 | 2815 | 2816 | 2819 | rBV4 | 649 | 315 | 0.01% | 0.002% |

LSC Area Percent Report

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Sample : VV0107WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK68

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\SOMVLM122820WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.222 | 2828 | 2840 | 2865 | rBV | 602486 | 934928 | 43.40% | 5.706% |
| 73 | 10.334 | 2874 | 2875 | 2878 | rBV2 | 790 | 394 | 0.02% | 0.002% |
| 74 | 10.492 | 2922 | 2924 | 2927 | rBV4 | 772 | 458 | 0.02% | 0.003% |
| 75 | 10.550 | 2940 | 2942 | 2946 | rBV5 | 1110 | 757 | 0.04% | 0.005% |
| 76 | 10.630 | 2965 | 2967 | 2970 | rVB2 | 787 | 422 | 0.02% | 0.003% |
| 77 | 10.736 | 2998 | 3000 | 3003 | rBV4 | 609 | 316 | 0.01% | 0.002% |
| 78 | 10.784 | 3011 | 3015 | 3016 | rVB2 | 786 | 521 | 0.02% | 0.003% |
| 79 | 10.804 | 3016 | 3021 | 3024 | rBV5 | 1209 | 1165 | 0.05% | 0.007% |
| 80 | 10.862 | 3036 | 3039 | 3042 | rBV4 | 918 | 620 | 0.03% | 0.004% |
| 81 | 11.016 | 3085 | 3087 | 3088 | rBV | 630 | 244 | 0.01% | 0.001% |
| 82 | 11.071 | 3102 | 3104 | 3108 | rBV3 | 806 | 549 | 0.03% | 0.003% |
| 83 | 11.093 | 3108 | 3111 | 3112 | rBV3 | 558 | 328 | 0.02% | 0.002% |
| 84 | 11.254 | 3150 | 3161 | 3178 | rBV | 1005679 | 1550122 | 71.95% | 9.460% |
| 85 | 11.527 | 3244 | 3246 | 3249 | rBV4 | 933 | 653 | 0.03% | 0.004% |
| 86 | 11.630 | 3267 | 3278 | 3296 | rBV | 949115 | 1481731 | 68.78% | 9.043% |
| 87 | 11.826 | 3337 | 3339 | 3343 | rBV5 | 795 | 509 | 0.02% | 0.003% |
| 88 | 11.981 | 3385 | 3387 | 3388 | rBV | 813 | 312 | 0.01% | 0.002% |
| 89 | 12.141 | 3435 | 3437 | 3442 | rBV4 | 1189 | 917 | 0.04% | 0.006% |
| 90 | 12.366 | 3505 | 3507 | 3510 | rBV4 | 1373 | 747 | 0.03% | 0.005% |
| 91 | 12.450 | 3531 | 3533 | 3537 | rVB3 | 875 | 518 | 0.02% | 0.003% |
| 92 | 12.476 | 3537 | 3541 | 3546 | rBV7 | 1082 | 1347 | 0.06% | 0.008% |
| 93 | 12.498 | 3546 | 3548 | 3550 | rVB | 750 | 248 | 0.01% | 0.002% |
| 94 | 12.653 | 3591 | 3596 | 3597 | rBV5 | 2367 | 1893 | 0.09% | 0.012% |
| 95 | 12.836 | 3650 | 3653 | 3654 | rBV3 | 861 | 393 | 0.02% | 0.002% |
| 96 | 12.952 | 3687 | 3689 | 3691 | rBV3 | 880 | 374 | 0.02% | 0.002% |
| 97 | 13.019 | 3708 | 3710 | 3714 | rBV3 | 748 | 368 | 0.02% | 0.002% |
| 98 | 13.376 | 3818 | 3821 | 3824 | rBV4 | 1060 | 845 | 0.04% | 0.005% |
| 99 | 13.485 | 3850 | 3855 | 3858 | rBV5 | 1485 | 1489 | 0.07% | 0.009% |
| 100 | 13.755 | 3931 | 3939 | 3943 | rBV9 | 3645 | 4571 | 0.21% | 0.028% |

Sum of corrected areas: 16386205

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010721\
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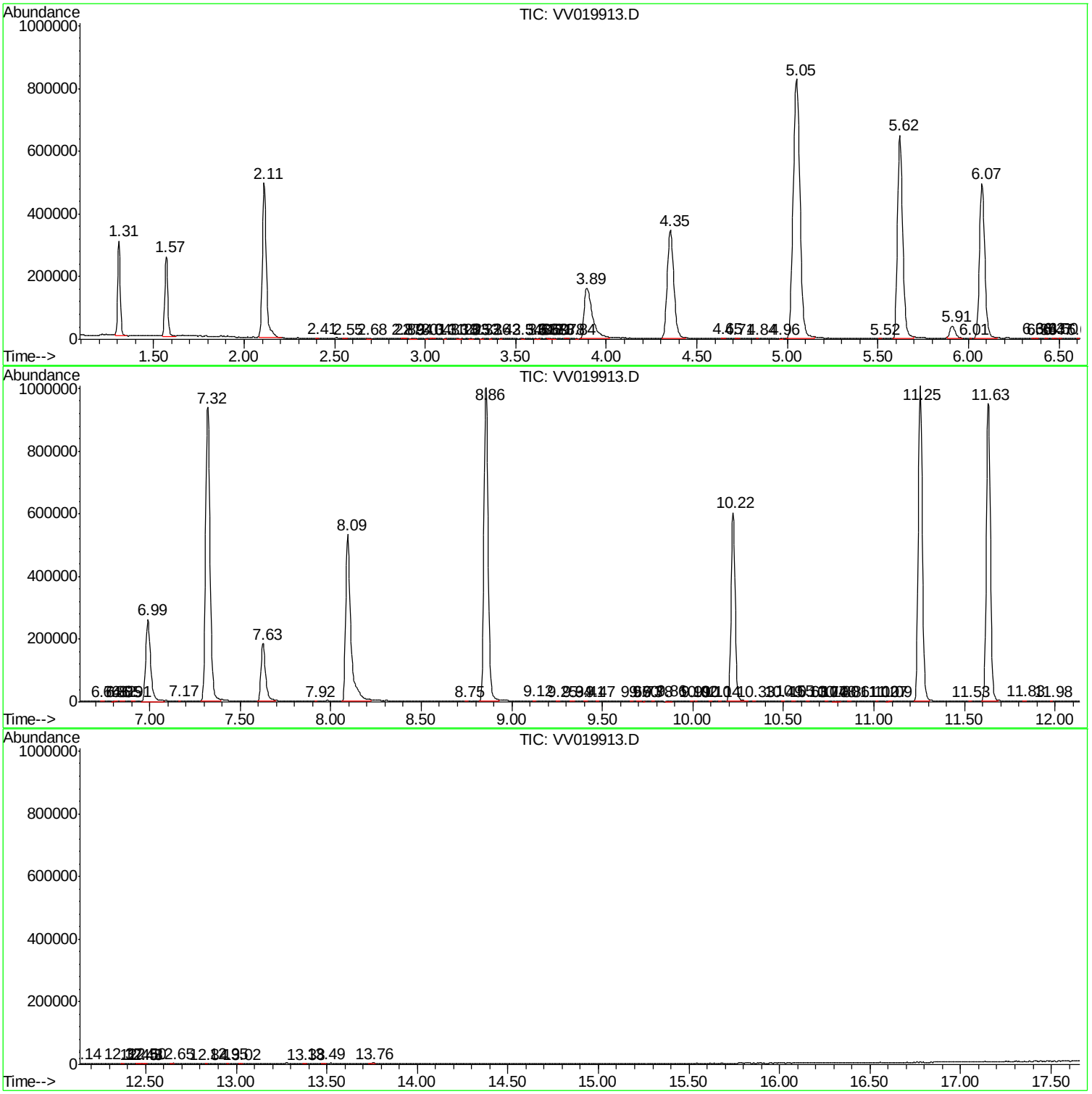
Operator : SY/MD
Sample : VV0107WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.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\VV010721\
Data File : VV019913.D
Acq On : 07 Jan 2021 11:16
Operator : SY/MD
Sample : VV0107WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VBLK68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.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_V\DATA\VV010721\
Data File : VV019913.D
Acq On : 07 Jan 2021 11:16
Operator : SY/MD
Sample : VV0107WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VBLK68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.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 |