LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
Data File : VU030503.D
Acq On : 27 Mar 2019 23:03
Operator : JC/SP
Sample : K2120-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BF5D7

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\SOMULM032319WMA.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 | 1.183 | 25 | 29 | 39 | rVB3 | 13792 | 12348 | 0.79% | 0.104% |
| 2 | 1.399 | 89 | 96 | 105 | rBV | 242117 | 238329 | 15.32% | 2.000% |
| 3 | 1.675 | 175 | 182 | 202 | rVB | 179524 | 239868 | 15.42% | 2.013% |
| 4 | 2.270 | 356 | 367 | 379 | rBV | 357120 | 544309 | 35.00% | 4.569% |
| 5 | 2.807 | 531 | 534 | 535 | rBV | 1848 | 1107 | 0.07% | 0.009% |
| 6 | 3.531 | 756 | 759 | 765 | rBV | 1874 | 2407 | 0.15% | 0.020% |
| 7 | 3.614 | 781 | 785 | 788 | rBV2 | 1925 | 1777 | 0.11% | 0.015% |
| 8 | 3.691 | 807 | 809 | 811 | rBV | 1222 | 662 | 0.04% | 0.006% |
| 9 | 3.981 | 897 | 899 | 901 | rBV | 1160 | 695 | 0.04% | 0.006% |
| 10 | 4.174 | 948 | 959 | 988 | rBV | 150697 | 405776 | 26.09% | 3.406% |
| 11 | 4.495 | 1056 | 1059 | 1061 | rBV | 1410 | 855 | 0.05% | 0.007% |
| 12 | 4.643 | 1090 | 1105 | 1135 | rBV2 | 251029 | 587834 | 37.80% | 4.934% |
| 13 | 5.190 | 1273 | 1275 | 1278 | rBV | 1288 | 780 | 0.05% | 0.007% |
| 14 | 5.235 | 1286 | 1289 | 1293 | rBV | 1117 | 1026 | 0.07% | 0.009% |
| 15 | 5.338 | 1299 | 1321 | 1353 | rBV2 | 524477 | 1555310 | 100.00% | 13.055% |
| 16 | 5.540 | 1382 | 1384 | 1391 | rVB | 2045 | 1845 | 0.12% | 0.015% |
| 17 | 5.723 | 1438 | 1441 | 1444 | rVB | 1032 | 622 | 0.04% | 0.005% |
| 18 | 5.749 | 1445 | 1449 | 1453 | rVB | 1274 | 1000 | 0.06% | 0.008% |
| 19 | 5.772 | 1453 | 1456 | 1458 | rBV | 984 | 656 | 0.04% | 0.006% |
| 20 | 5.810 | 1464 | 1468 | 1472 | rBV | 1548 | 1574 | 0.10% | 0.013% |
| 21 | 5.884 | 1477 | 1491 | 1522 | rBV | 515736 | 1041977 | 66.99% | 8.746% |
| 22 | 6.077 | 1548 | 1551 | 1560 | rVB3 | 1399 | 1667 | 0.11% | 0.014% |
| 23 | 6.235 | 1595 | 1600 | 1603 | rBV | 2164 | 2056 | 0.13% | 0.017% |
| 24 | 6.254 | 1603 | 1606 | 1611 | rVV | 1888 | 1907 | 0.12% | 0.016% |
| 25 | 6.328 | 1615 | 1629 | 1658 | rVV | 351140 | 716829 | 46.09% | 6.017% |
| 26 | 6.592 | 1708 | 1711 | 1715 | rBV2 | 1400 | 1026 | 0.07% | 0.009% |
| 27 | 6.611 | 1715 | 1717 | 1721 | rVV | 1385 | 764 | 0.05% | 0.006% |
| 28 | 6.666 | 1731 | 1734 | 1738 | rVB | 945 | 764 | 0.05% | 0.006% |
| 29 | 6.688 | 1738 | 1741 | 1743 | rBV | 903 | 490 | 0.03% | 0.004% |
| 30 | 6.743 | 1756 | 1758 | 1763 | rVB2 | 903 | 568 | 0.04% | 0.005% |
| 31 | 6.830 | 1781 | 1785 | 1789 | rVB | 986 | 825 | 0.05% | 0.007% |
| 32 | 6.859 | 1789 | 1794 | 1797 | rVB | 835 | 748 | 0.05% | 0.006% |
| 33 | 6.887 | 1798 | 1803 | 1806 | rBV | 943 | 804 | 0.05% | 0.007% |
| 34 | 6.913 | 1808 | 1811 | 1815 | rVB | 1039 | 787 | 0.05% | 0.007% |

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Sample : K2120-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BF5D7

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\SOMULM032319WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.936 | 1815 | 1818 | 1824 | rBV | 1303 | 1471 | 0.09% | 0.012% |
| 36 | 6.971 | 1826 | 1829 | 1833 | rVB | 1775 | 1275 | 0.08% | 0.011% |
| 37 | 6.997 | 1833 | 1837 | 1838 | rBV2 | 1283 | 817 | 0.05% | 0.007% |
| 38 | 7.039 | 1848 | 1850 | 1853 | rVB | 1019 | 564 | 0.04% | 0.005% |
| 39 | 7.061 | 1853 | 1857 | 1862 | rVB | 1485 | 1365 | 0.09% | 0.011% |
| 40 | 7.132 | 1874 | 1879 | 1882 | rBV | 588 | 566 | 0.04% | 0.005% |
| 41 | 7.151 | 1882 | 1885 | 1887 | rVB2 | 942 | 496 | 0.03% | 0.004% |
| 42 | 7.164 | 1887 | 1889 | 1894 | rVB | 821 | 545 | 0.04% | 0.005% |
| 43 | 7.225 | 1894 | 1908 | 1926 | rBV2 | 183901 | 343518 | 22.09% | 2.883% |
| 44 | 7.421 | 1965 | 1969 | 1971 | rBV2 | 1278 | 867 | 0.06% | 0.007% |
| 45 | 7.434 | 1971 | 1973 | 1980 | rVB | 1459 | 1114 | 0.07% | 0.009% |
| 46 | 7.482 | 1985 | 1988 | 1990 | rBV | 1284 | 692 | 0.04% | 0.006% |
| 47 | 7.514 | 1995 | 1998 | 2000 | rBV | 739 | 535 | 0.03% | 0.004% |
| 48 | 7.563 | 2000 | 2013 | 2032 | rBV | 655692 | 1177931 | 75.74% | 9.887% |
| 49 | 7.849 | 2091 | 2102 | 2118 | rBV | 124196 | 222305 | 14.29% | 1.866% |
| 50 | 7.990 | 2143 | 2146 | 2149 | rVB2 | 987 | 570 | 0.04% | 0.005% |
| 51 | 8.010 | 2149 | 2152 | 2154 | rBV2 | 995 | 611 | 0.04% | 0.005% |
| 52 | 8.148 | 2192 | 2195 | 2197 | rBV | 1464 | 1003 | 0.06% | 0.008% |
| 53 | 8.174 | 2198 | 2203 | 2205 | rBV3 | 1567 | 1796 | 0.12% | 0.015% |
| 54 | 8.309 | 2234 | 2245 | 2277 | rBV | 470773 | 885565 | 56.94% | 7.433% |
| 55 | 8.588 | 2328 | 2332 | 2333 | rBV | 1128 | 813 | 0.05% | 0.007% |
| 56 | 8.746 | 2377 | 2381 | 2383 | rBV | 1334 | 1136 | 0.07% | 0.010% |
| 57 | 8.871 | 2417 | 2420 | 2424 | rVB | 1280 | 921 | 0.06% | 0.008% |
| 58 | 8.894 | 2424 | 2427 | 2429 | rBV | 1221 | 769 | 0.05% | 0.006% |
| 59 | 8.910 | 2429 | 2432 | 2437 | rVB2 | 1865 | 2062 | 0.13% | 0.017% |
| 60 | 8.939 | 2437 | 2441 | 2443 | rBV2 | 1001 | 840 | 0.05% | 0.007% |
| 61 | 9.010 | 2461 | 2463 | 2468 | rVB | 1197 | 824 | 0.05% | 0.007% |
| 62 | 9.035 | 2468 | 2471 | 2472 | rBV | 1116 | 621 | 0.04% | 0.005% |
| 63 | 9.087 | 2475 | 2487 | 2511 | rBV | 715486 | 1224075 | 78.70% | 10.274% |
| 64 | 9.280 | 2545 | 2547 | 2550 | rBV | 977 | 715 | 0.05% | 0.006% |
| 65 | 9.370 | 2570 | 2575 | 2578 | rBV2 | 1723 | 1773 | 0.11% | 0.015% |
| 66 | 9.437 | 2594 | 2596 | 2602 | rVB | 943 | 763 | 0.05% | 0.006% |
| 67 | 9.466 | 2602 | 2605 | 2607 | rVB | 992 | 575 | 0.04% | 0.005% |
| 68 | 9.495 | 2607 | 2614 | 2617 | rBV2 | 1144 | 1476 | 0.09% | 0.012% |
| 69 | 9.649 | 2658 | 2662 | 2664 | rBV | 1222 | 996 | 0.06% | 0.008% |
| 70 | 9.833 | 2716 | 2719 | 2721 | rBV | 1254 | 722 | 0.05% | 0.006% |
| 71 | 9.923 | 2742 | 2747 | 2753 | rBV | 1376 | 1740 | 0.11% | 0.015% |

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Operator : JC/SP
Sample : K2120-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BF5D7

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\SOMULM032319WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.955 | 2754 | 2757 | 2759 | rBV | 926 | 505 | 0.03% | 0.004% |
| 73 | 10.116 | 2804 | 2807 | 2809 | rVB | 1720 | 991 | 0.06% | 0.008% |
| 74 | 10.309 | 2865 | 2867 | 2870 | rVB | 949 | 481 | 0.03% | 0.004% |
| 75 | 10.370 | 2882 | 2886 | 2889 | rBV | 858 | 765 | 0.05% | 0.006% |
| 76 | 10.427 | 2893 | 2904 | 2923 | rVV | 447716 | 734618 | 47.23% | 6.166% |
| 77 | 10.691 | 2983 | 2986 | 2987 | rBV | 1172 | 654 | 0.04% | 0.005% |
| 78 | 10.823 | 3024 | 3027 | 3032 | rBV2 | 1279 | 1379 | 0.09% | 0.012% |
| 79 | 10.913 | 3052 | 3055 | 3057 | rBV | 1541 | 910 | 0.06% | 0.008% |
| 80 | 10.932 | 3058 | 3061 | 3066 | rVB2 | 1092 | 1033 | 0.07% | 0.009% |
| 81 | 11.003 | 3080 | 3083 | 3086 | rVB | 1005 | 595 | 0.04% | 0.005% |
| 82 | 11.077 | 3103 | 3106 | 3107 | rBV2 | 1143 | 722 | 0.05% | 0.006% |
| 83 | 11.296 | 3170 | 3174 | 3179 | rVB2 | 1554 | 1277 | 0.08% | 0.011% |
| 84 | 11.479 | 3217 | 3231 | 3250 | rBV | 593285 | 985600 | 63.37% | 8.273% |
| 85 | 11.765 | 3317 | 3320 | 3323 | rBV | 1695 | 1041 | 0.07% | 0.009% |
| 86 | 11.858 | 3337 | 3349 | 3366 | rBV | 542120 | 910570 | 58.55% | 7.643% |
| 87 | 12.466 | 3535 | 3538 | 3539 | rBV | 1166 | 696 | 0.04% | 0.006% |
| 88 | 12.527 | 3554 | 3557 | 3559 | rBV2 | 1164 | 744 | 0.05% | 0.006% |
| 89 | 12.746 | 3622 | 3625 | 3630 | rBV | 1948 | 1618 | 0.10% | 0.014% |
| 90 | 12.935 | 3681 | 3684 | 3690 | rVB2 | 1721 | 1324 | 0.09% | 0.011% |
| 91 | 12.964 | 3690 | 3693 | 3696 | rVB | 1560 | 1003 | 0.06% | 0.008% |
| 92 | 12.984 | 3696 | 3699 | 3700 | rBV2 | 961 | 562 | 0.04% | 0.005% |
| 93 | 13.025 | 3705 | 3712 | 3717 | rBV2 | 1999 | 3184 | 0.20% | 0.027% |
| 94 | 13.485 | 3852 | 3855 | 3857 | rBV | 1701 | 1167 | 0.08% | 0.010% |
| 95 | 13.996 | 4011 | 4014 | 4016 | rBV | 1508 | 986 | 0.06% | 0.008% |
| 96 | 14.299 | 4103 | 4108 | 4109 | rBV | 1415 | 1177 | 0.08% | 0.010% |
| 97 | 14.386 | 4131 | 4135 | 4141 | rBV2 | 1490 | 1966 | 0.13% | 0.017% |
| 98 | 14.482 | 4162 | 4165 | 4166 | rBV | 1012 | 606 | 0.04% | 0.005% |
| 99 | 14.816 | 4265 | 4269 | 4272 | rBV2 | 2246 | 1909 | 0.12% | 0.016% |
| 100 | 15.405 | 4449 | 4452 | 4454 | rBV2 | 1701 | 1217 | 0.08% | 0.010% |

Sum of corrected areas: 11913719

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
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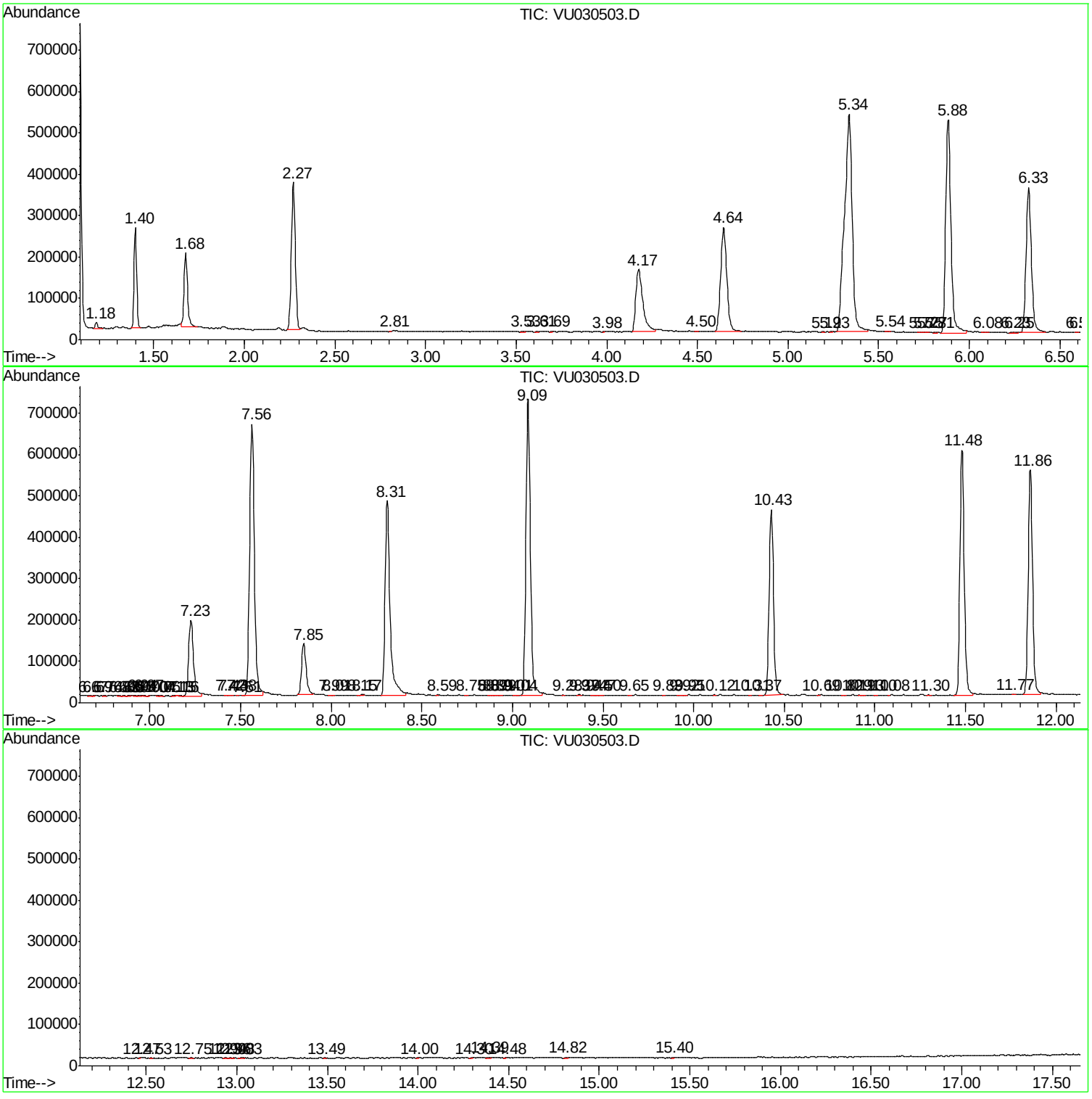
Sample : K2120-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BF5D7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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\VU032719\
Data File : VU030503.D
Acq On : 27 Mar 2019 23:03
Operator : JC/SP
Sample : K2120-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
BF5D7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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\VU032719\
Data File : VU030503.D
Acq On : 27 Mar 2019 23:03
Operator : JC/SP
Sample : K2120-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** BF5D7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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 |