LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
Data File : VU037232.D
Acq On : 13 Mar 2020 10:31
Operator : JC/MD
Sample : L1784-16DL 500X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0B04DL

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\SOMULM031220WMA.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 | 1.613 | 77 | 85 | 99 | rBV | 204180 | 218745 | 11.37% | 1.419% |
| 2 | 1.928 | 175 | 183 | 197 | rVB | 172526 | 223624 | 11.63% | 1.451% |
| 3 | 2.498 | 358 | 360 | 364 | rVB2 | 558 | 365 | 0.02% | 0.002% |
| 4 | 2.591 | 377 | 389 | 406 | rBV | 316943 | 526639 | 27.39% | 3.416% |
| 5 | 2.777 | 443 | 447 | 452 | rBV4 | 1067 | 1212 | 0.06% | 0.008% |
| 6 | 2.816 | 452 | 459 | 466 | rVB5 | 1037 | 1637 | 0.09% | 0.011% |
| 7 | 2.864 | 471 | 474 | 480 | rBV3 | 798 | 815 | 0.04% | 0.005% |
| 8 | 2.954 | 499 | 502 | 506 | rVB2 | 573 | 425 | 0.02% | 0.003% |
| 9 | 2.986 | 508 | 512 | 515 | rVV2 | 526 | 325 | 0.02% | 0.002% |
| 10 | 3.041 | 525 | 529 | 532 | rBV3 | 465 | 347 | 0.02% | 0.002% |
| 11 | 3.073 | 533 | 539 | 544 | rVV5 | 1456 | 2038 | 0.11% | 0.013% |
| 12 | 3.137 | 556 | 559 | 564 | rBV2 | 362 | 339 | 0.02% | 0.002% |
| 13 | 3.224 | 572 | 586 | 599 | rBV4 | 4644 | 10502 | 0.55% | 0.068% |
| 14 | 3.305 | 608 | 611 | 613 | rBV2 | 547 | 307 | 0.02% | 0.002% |
| 15 | 3.382 | 631 | 635 | 637 | rBV2 | 698 | 459 | 0.02% | 0.003% |
| 16 | 3.436 | 648 | 652 | 656 | rVB2 | 583 | 466 | 0.02% | 0.003% |
| 17 | 3.472 | 656 | 663 | 666 | rBV | 386 | 442 | 0.02% | 0.003% |
| 18 | 3.768 | 753 | 755 | 761 | rVB3 | 415 | 374 | 0.02% | 0.002% |
| 19 | 3.797 | 761 | 764 | 766 | rBV | 458 | 309 | 0.02% | 0.002% |
| 20 | 3.989 | 820 | 824 | 827 | rBV | 356 | 297 | 0.02% | 0.002% |
| 21 | 4.096 | 851 | 857 | 861 | rBV2 | 249 | 313 | 0.02% | 0.002% |
| 22 | 4.269 | 908 | 911 | 915 | rBV2 | 329 | 312 | 0.02% | 0.002% |
| 23 | 4.591 | 1008 | 1011 | 1015 | rVB3 | 465 | 307 | 0.02% | 0.002% |
| 24 | 4.668 | 1015 | 1035 | 1057 | rBV | 189290 | 447344 | 23.26% | 2.902% |
| 25 | 4.906 | 1107 | 1109 | 1116 | rVB2 | 721 | 446 | 0.02% | 0.003% |
| 26 | 4.977 | 1127 | 1131 | 1133 | rBV2 | 444 | 315 | 0.02% | 0.002% |
| 27 | 5.102 | 1153 | 1170 | 1196 | rBV | 319230 | 707925 | 36.81% | 4.592% |
| 28 | 5.330 | 1233 | 1241 | 1242 | rBV5 | 1615 | 1680 | 0.09% | 0.011% |
| 29 | 5.398 | 1258 | 1262 | 1263 | rBV | 535 | 327 | 0.02% | 0.002% |
| 30 | 5.414 | 1263 | 1267 | 1268 | rBV | 797 | 405 | 0.02% | 0.003% |
| 31 | 5.571 | 1313 | 1316 | 1319 | rBV3 | 427 | 340 | 0.02% | 0.002% |
| 32 | 5.607 | 1324 | 1327 | 1335 | rVB2 | 396 | 355 | 0.02% | 0.002% |
| 33 | 5.645 | 1335 | 1339 | 1340 | rBV | 414 | 297 | 0.02% | 0.002% |
| 34 | 5.758 | 1352 | 1374 | 1396 | rBV2 | 632448 | 1714564 | 89.16% | 11.121% |

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Operator : JC/MD
Sample : L1784-16DL 500X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0B04DL

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\SOMULM031220WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.867 | 1406 | 1408 | 1416 | rVB3 | 1276 | 1145 | 0.06% | 0.007% |
| 36 | 6.070 | 1466 | 1471 | 1473 | rBV4 | 1038 | 743 | 0.04% | 0.005% |
| 37 | 6.282 | 1522 | 1537 | 1560 | rBV | 549321 | 1039212 | 54.04% | 6.741% |
| 38 | 6.472 | 1594 | 1596 | 1601 | rBV2 | 657 | 400 | 0.02% | 0.003% |
| 39 | 6.575 | 1611 | 1628 | 1651 | rBV | 1019931 | 1923080 | 100.00% | 12.474% |
| 40 | 6.722 | 1660 | 1674 | 1694 | rVV | 414021 | 798502 | 41.52% | 5.179% |
| 41 | 6.793 | 1694 | 1696 | 1701 | rVB4 | 1822 | 1282 | 0.07% | 0.008% |
| 42 | 7.025 | 1765 | 1768 | 1771 | rVB3 | 617 | 378 | 0.02% | 0.002% |
| 43 | 7.047 | 1771 | 1775 | 1778 | rBV2 | 483 | 326 | 0.02% | 0.002% |
| 44 | 7.131 | 1797 | 1801 | 1802 | rBV | 459 | 317 | 0.02% | 0.002% |
| 45 | 7.202 | 1816 | 1823 | 1824 | rBV4 | 669 | 634 | 0.03% | 0.004% |
| 46 | 7.214 | 1824 | 1827 | 1832 | rVB3 | 1330 | 1092 | 0.06% | 0.007% |
| 47 | 7.288 | 1846 | 1850 | 1852 | rBV | 598 | 480 | 0.02% | 0.003% |
| 48 | 7.301 | 1852 | 1854 | 1857 | rVV3 | 571 | 421 | 0.02% | 0.003% |
| 49 | 7.394 | 1880 | 1883 | 1888 | rVV2 | 446 | 350 | 0.02% | 0.002% |
| 50 | 7.423 | 1888 | 1892 | 1896 | rVB2 | 379 | 333 | 0.02% | 0.002% |
| 51 | 7.491 | 1909 | 1913 | 1916 | rBV | 444 | 372 | 0.02% | 0.002% |
| 52 | 7.594 | 1931 | 1945 | 1963 | rBV | 239505 | 418656 | 21.77% | 2.716% |
| 53 | 7.745 | 1989 | 1992 | 1995 | rBV2 | 634 | 481 | 0.03% | 0.003% |
| 54 | 7.761 | 1995 | 1997 | 2002 | rVB3 | 562 | 378 | 0.02% | 0.002% |
| 55 | 7.809 | 2008 | 2012 | 2013 | rBV3 | 717 | 504 | 0.03% | 0.003% |
| 56 | 7.819 | 2013 | 2015 | 2027 | rVB6 | 1922 | 2712 | 0.14% | 0.018% |
| 57 | 7.922 | 2033 | 2047 | 2065 | rBV | 798692 | 1372318 | 71.36% | 8.901% |
| 58 | 8.201 | 2122 | 2134 | 2154 | rBV2 | 174037 | 296803 | 15.43% | 1.925% |
| 59 | 8.427 | 2199 | 2204 | 2211 | rBV5 | 545 | 738 | 0.04% | 0.005% |
| 60 | 8.568 | 2242 | 2248 | 2251 | rBV3 | 1179 | 1340 | 0.07% | 0.009% |
| 61 | 8.658 | 2257 | 2276 | 2324 | rBV | 552804 | 1052893 | 54.75% | 6.830% |
| 62 | 8.951 | 2363 | 2367 | 2370 | rBV2 | 817 | 780 | 0.04% | 0.005% |
| 63 | 9.031 | 2388 | 2392 | 2396 | rVB3 | 790 | 450 | 0.02% | 0.003% |
| 64 | 9.182 | 2433 | 2439 | 2444 | rVB2 | 625 | 552 | 0.03% | 0.004% |
| 65 | 9.436 | 2505 | 2518 | 2540 | rBV | 766903 | 1303108 | 67.76% | 8.453% |
| 66 | 9.587 | 2559 | 2565 | 2572 | rBV2 | 1083 | 1456 | 0.08% | 0.009% |
| 67 | 9.713 | 2599 | 2604 | 2611 | rVB3 | 1061 | 1392 | 0.07% | 0.009% |
| 68 | 9.751 | 2611 | 2616 | 2618 | rBV3 | 529 | 465 | 0.02% | 0.003% |
| 69 | 9.816 | 2631 | 2636 | 2639 | rVB2 | 492 | 446 | 0.02% | 0.003% |
| 70 | 9.832 | 2639 | 2641 | 2645 | rBV2 | 435 | 328 | 0.02% | 0.002% |
| 71 | 9.857 | 2645 | 2649 | 2652 | rBV2 | 392 | 299 | 0.02% | 0.002% |

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Acq On : 13 Mar 2020 10:31
Operator : JC/MD
Sample : L1784-16DL 500X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0B04DL

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\SOMULM031220WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 10.118 | 2724 | 2730 | 2731 | rBV3 | 795 | 713 | 0.04% | 0.005% |
| 73 | 10.208 | 2751 | 2758 | 2759 | rBV | 440 | 539 | 0.03% | 0.003% |
| 74 | 10.217 | 2759 | 2761 | 2768 | rVV | 524 | 610 | 0.03% | 0.004% |
| 75 | 10.259 | 2770 | 2774 | 2777 | rVV | 498 | 451 | 0.02% | 0.003% |
| 76 | 10.275 | 2777 | 2779 | 2784 | rVV3 | 569 | 418 | 0.02% | 0.003% |
| 77 | 10.510 | 2846 | 2852 | 2856 | rBV | 610 | 582 | 0.03% | 0.004% |
| 78 | 10.774 | 2920 | 2934 | 2955 | rBV | 572470 | 928433 | 48.28% | 6.022% |
| 79 | 11.098 | 3027 | 3035 | 3038 | rBV2 | 934 | 1038 | 0.05% | 0.007% |
| 80 | 11.243 | 3077 | 3080 | 3085 | rVB2 | 455 | 435 | 0.02% | 0.003% |
| 81 | 11.272 | 3085 | 3089 | 3091 | rBV2 | 607 | 529 | 0.03% | 0.003% |
| 82 | 11.394 | 3121 | 3127 | 3130 | rBV2 | 355 | 470 | 0.02% | 0.003% |
| 83 | 11.430 | 3136 | 3138 | 3147 | rVB3 | 673 | 646 | 0.03% | 0.004% |
| 84 | 11.484 | 3151 | 3155 | 3157 | rBV2 | 377 | 357 | 0.02% | 0.002% |
| 85 | 11.664 | 3209 | 3211 | 3216 | rVB2 | 652 | 465 | 0.02% | 0.003% |
| 86 | 11.700 | 3216 | 3222 | 3226 | rBV2 | 825 | 1110 | 0.06% | 0.007% |
| 87 | 11.828 | 3249 | 3262 | 3278 | rBV | 685366 | 1129333 | 58.73% | 7.325% |
| 88 | 11.973 | 3305 | 3307 | 3311 | rVB | 637 | 410 | 0.02% | 0.003% |
| 89 | 12.208 | 3366 | 3380 | 3402 | rBV | 765140 | 1253992 | 65.21% | 8.134% |
| 90 | 12.404 | 3438 | 3441 | 3444 | rBV3 | 510 | 354 | 0.02% | 0.002% |
| 91 | 12.770 | 3548 | 3555 | 3558 | rBV2 | 758 | 977 | 0.05% | 0.006% |
| 92 | 13.015 | 3627 | 3631 | 3637 | rVB4 | 761 | 774 | 0.04% | 0.005% |
| 93 | 13.044 | 3637 | 3640 | 3644 | rBV3 | 460 | 417 | 0.02% | 0.003% |
| 94 | 13.758 | 3859 | 3862 | 3863 | rBV2 | 602 | 319 | 0.02% | 0.002% |
| 95 | 13.864 | 3891 | 3895 | 3896 | rBV2 | 1082 | 639 | 0.03% | 0.004% |
| 96 | 14.407 | 4061 | 4064 | 4067 | rBV2 | 617 | 518 | 0.03% | 0.003% |
| 97 | 14.909 | 4217 | 4220 | 4222 | rBV4 | 814 | 485 | 0.03% | 0.003% |
| 98 | 15.256 | 4326 | 4328 | 4331 | rBV3 | 1070 | 540 | 0.03% | 0.004% |
| 99 | 15.278 | 4332 | 4335 | 4337 | rBV3 | 883 | 592 | 0.03% | 0.004% |
| 100 | 15.436 | 4382 | 4384 | 4390 | rBV6 | 876 | 926 | 0.05% | 0.006% |

Sum of corrected areas: 15416835

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
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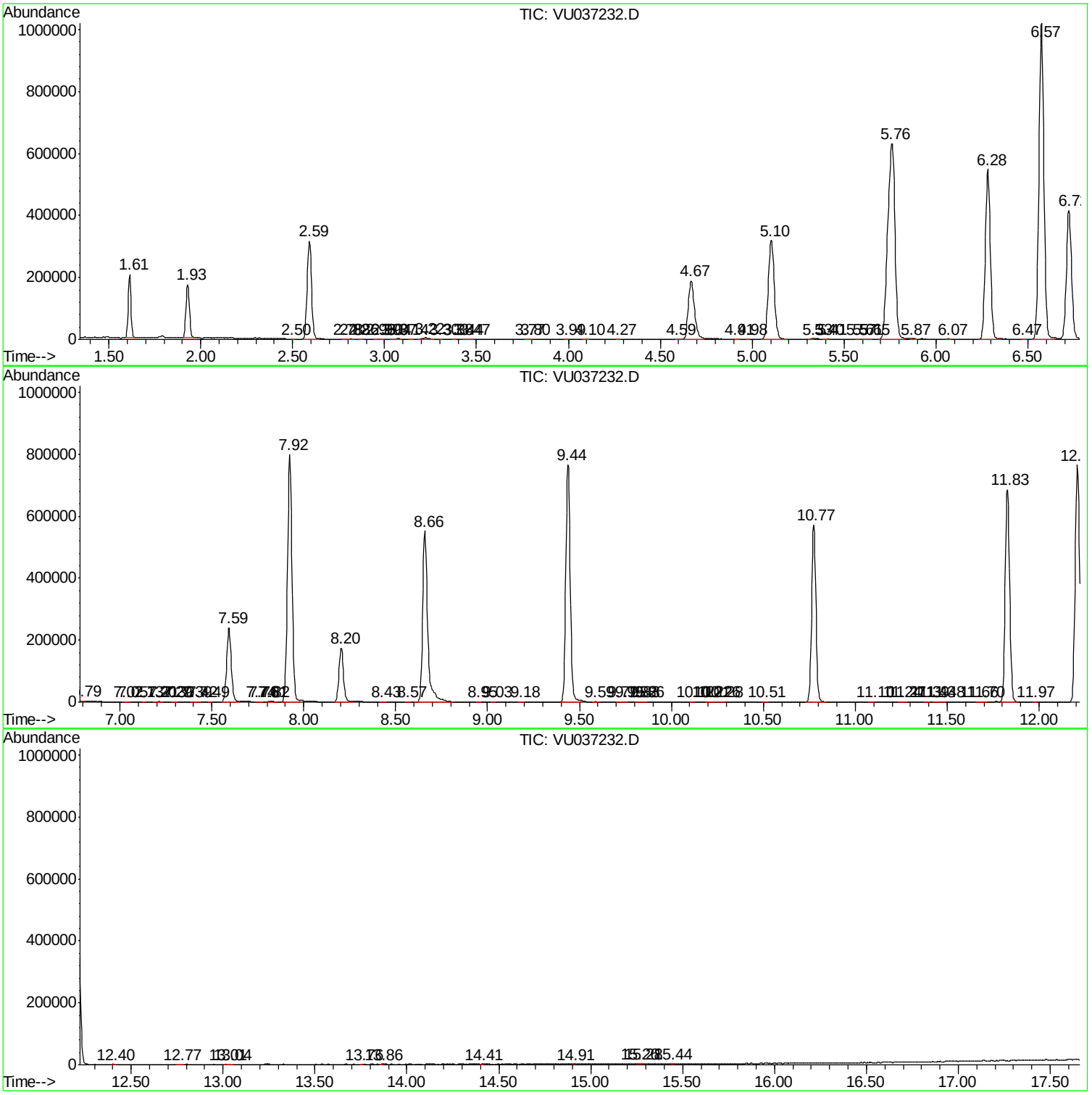
Operator : JC/MD
Sample : L1784-16DL 500X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0B04DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.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\VU031220\
Data File : VU037232.D
Acq On : 13 Mar 2020 10:31
Operator : JC/MD
Sample : L1784-16DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
C0B04DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.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\VU031220\
Data File : VU037232.D
Acq On : 13 Mar 2020 10:31
Operator : JC/MD
Sample : L1784-16DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** C0B04DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.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 |