LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
Data File : VV019948.D
Acq On : 08 Jan 2021 15:22
Operator : SY/MD
Sample : VIBLK77
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK77

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 | 86 | rVB | 210835 | 214180 | 11.17% | 1.491% |
| 2 | 1.569 | 143 | 149 | 159 | rVB | 208384 | 230390 | 12.01% | 1.603% |
| 3 | 2.109 | 308 | 317 | 342 | rVB | 361814 | 574370 | 29.95% | 3.997% |
| 4 | 2.492 | 434 | 436 | 437 | rBV2 | 1175 | 435 | 0.02% | 0.003% |
| 5 | 2.585 | 461 | 465 | 466 | rBV | 1266 | 849 | 0.04% | 0.006% |
| 6 | 2.753 | 514 | 517 | 519 | rVV3 | 1313 | 733 | 0.04% | 0.005% |
| 7 | 2.801 | 529 | 532 | 534 | rBV4 | 588 | 339 | 0.02% | 0.002% |
| 8 | 2.846 | 543 | 546 | 548 | rBV3 | 582 | 389 | 0.02% | 0.003% |
| 9 | 2.875 | 552 | 555 | 556 | rBV2 | 601 | 382 | 0.02% | 0.003% |
| 10 | 2.949 | 575 | 578 | 583 | rVB5 | 1039 | 1012 | 0.05% | 0.007% |
| 11 | 3.116 | 625 | 630 | 631 | rVV5 | 731 | 698 | 0.04% | 0.005% |
| 12 | 3.138 | 635 | 637 | 643 | rVB4 | 1066 | 816 | 0.04% | 0.006% |
| 13 | 3.193 | 651 | 654 | 657 | rBV4 | 852 | 482 | 0.03% | 0.003% |
| 14 | 3.219 | 658 | 662 | 664 | rBV3 | 648 | 434 | 0.02% | 0.003% |
| 15 | 3.257 | 671 | 674 | 677 | rBV3 | 975 | 712 | 0.04% | 0.005% |
| 16 | 3.293 | 683 | 685 | 688 | rBV4 | 669 | 329 | 0.02% | 0.002% |
| 17 | 3.315 | 688 | 692 | 695 | rBV4 | 680 | 480 | 0.03% | 0.003% |
| 18 | 3.408 | 719 | 721 | 724 | rVV4 | 611 | 372 | 0.02% | 0.003% |
| 19 | 3.425 | 724 | 726 | 728 | rVB3 | 818 | 350 | 0.02% | 0.002% |
| 20 | 3.441 | 728 | 731 | 733 | rBV2 | 574 | 417 | 0.02% | 0.003% |
| 21 | 3.486 | 741 | 745 | 750 | rBV4 | 852 | 957 | 0.05% | 0.007% |
| 22 | 3.643 | 790 | 794 | 795 | rBV3 | 754 | 510 | 0.03% | 0.004% |
| 23 | 3.785 | 833 | 838 | 842 | rBV4 | 741 | 575 | 0.03% | 0.004% |
| 24 | 3.891 | 860 | 871 | 907 | rBV | 166533 | 515700 | 26.89% | 3.589% |
| 25 | 4.354 | 1000 | 1015 | 1043 | rBV | 316310 | 773036 | 40.31% | 5.380% |
| 26 | 4.682 | 1115 | 1117 | 1121 | rBV4 | 755 | 366 | 0.02% | 0.003% |
| 27 | 4.794 | 1148 | 1152 | 1156 | rBV5 | 979 | 1066 | 0.06% | 0.007% |
| 28 | 4.833 | 1159 | 1164 | 1165 | rBV3 | 489 | 385 | 0.02% | 0.003% |
| 29 | 4.846 | 1165 | 1168 | 1169 | rBV3 | 641 | 390 | 0.02% | 0.003% |
| 30 | 4.891 | 1180 | 1182 | 1184 | rBV2 | 788 | 477 | 0.02% | 0.003% |
| 31 | 4.926 | 1191 | 1193 | 1197 | rVB4 | 992 | 553 | 0.03% | 0.004% |
| 32 | 4.987 | 1208 | 1212 | 1213 | rBV3 | 944 | 534 | 0.03% | 0.004% |
| 33 | 5.051 | 1214 | 1232 | 1262 | rBV2 | 735495 | 1917683 | 100.00% | 13.347% |
| 34 | 5.312 | 1311 | 1313 | 1316 | rBV4 | 983 | 604 | 0.03% | 0.004% |

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Acq On : 08 Jan 2021 15:22
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Sample : VIBLK77
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK77

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 | 5.572 | 1392 | 1394 | 1397 | rBV4 | 913 | 584 | 0.03% | 0.004% |
| 36 | 5.621 | 1397 | 1409 | 1434 | rBV | 561910 | 1126207 | 58.73% | 7.838% |
| 37 | 5.910 | 1491 | 1499 | 1515 | rVB3 | 40607 | 82847 | 4.32% | 0.577% |
| 38 | 6.074 | 1533 | 1550 | 1577 | rBV | 454792 | 927096 | 48.34% | 6.452% |
| 39 | 6.347 | 1633 | 1635 | 1637 | rBV3 | 1087 | 484 | 0.03% | 0.003% |
| 40 | 6.373 | 1639 | 1643 | 1646 | rVB4 | 1240 | 949 | 0.05% | 0.007% |
| 41 | 6.392 | 1646 | 1649 | 1655 | rBV5 | 1770 | 1475 | 0.08% | 0.010% |
| 42 | 6.447 | 1665 | 1666 | 1670 | rBV4 | 823 | 557 | 0.03% | 0.004% |
| 43 | 6.527 | 1687 | 1691 | 1693 | rBV4 | 574 | 384 | 0.02% | 0.003% |
| 44 | 6.547 | 1694 | 1697 | 1699 | rBV3 | 979 | 609 | 0.03% | 0.004% |
| 45 | 6.637 | 1723 | 1725 | 1729 | rBV4 | 1252 | 907 | 0.05% | 0.006% |
| 46 | 6.723 | 1748 | 1752 | 1754 | rBV3 | 838 | 623 | 0.03% | 0.004% |
| 47 | 6.797 | 1773 | 1775 | 1778 | rBV2 | 906 | 588 | 0.03% | 0.004% |
| 48 | 6.868 | 1792 | 1797 | 1799 | rBV5 | 1409 | 1200 | 0.06% | 0.008% |
| 49 | 6.881 | 1799 | 1801 | 1806 | rVV4 | 609 | 620 | 0.03% | 0.004% |
| 50 | 6.990 | 1822 | 1835 | 1861 | rBV | 230017 | 427672 | 22.30% | 2.976% |
| 51 | 7.321 | 1926 | 1938 | 1966 | rBV | 766765 | 1328655 | 69.28% | 9.247% |
| 52 | 7.627 | 2023 | 2033 | 2056 | rBV | 160347 | 282483 | 14.73% | 1.966% |
| 53 | 7.942 | 2127 | 2131 | 2133 | rBV4 | 821 | 634 | 0.03% | 0.004% |
| 54 | 7.984 | 2134 | 2144 | 2157 | rBV5 | 19256 | 34306 | 1.79% | 0.239% |
| 55 | 8.093 | 2168 | 2178 | 2214 | rBV2 | 509278 | 1027797 | 53.60% | 7.153% |
| 56 | 8.492 | 2298 | 2302 | 2305 | rBV4 | 1367 | 1130 | 0.06% | 0.008% |
| 57 | 8.575 | 2324 | 2328 | 2332 | rBV4 | 1191 | 1125 | 0.06% | 0.008% |
| 58 | 8.598 | 2332 | 2335 | 2337 | rBV3 | 1062 | 624 | 0.03% | 0.004% |
| 59 | 8.656 | 2350 | 2353 | 2354 | rBV3 | 1300 | 712 | 0.04% | 0.005% |
| 60 | 8.743 | 2376 | 2380 | 2383 | rVB5 | 1003 | 877 | 0.05% | 0.006% |
| 61 | 8.762 | 2384 | 2386 | 2389 | rBV3 | 835 | 453 | 0.02% | 0.003% |
| 62 | 8.807 | 2396 | 2400 | 2401 | rBV3 | 1200 | 706 | 0.04% | 0.005% |
| 63 | 8.858 | 2404 | 2416 | 2435 | rBV | 847913 | 1386378 | 72.29% | 9.649% |
| 64 | 9.379 | 2575 | 2578 | 2581 | rBV4 | 1053 | 783 | 0.04% | 0.005% |
| 65 | 9.646 | 2658 | 2661 | 2665 | rVB4 | 953 | 829 | 0.04% | 0.006% |
| 66 | 9.948 | 2753 | 2755 | 2758 | rVB2 | 880 | 355 | 0.02% | 0.002% |
| 67 | 10.157 | 2817 | 2820 | 2823 | rBV2 | 1017 | 579 | 0.03% | 0.004% |
| 68 | 10.222 | 2828 | 2840 | 2861 | rVV | 561436 | 879572 | 45.87% | 6.122% |
| 69 | 10.366 | 2882 | 2885 | 2889 | rVB4 | 1717 | 1403 | 0.07% | 0.010% |
| 70 | 10.399 | 2889 | 2895 | 2898 | rBV6 | 1319 | 1428 | 0.07% | 0.010% |
| 71 | 10.466 | 2912 | 2916 | 2917 | rBV4 | 1073 | 572 | 0.03% | 0.004% |

LSC Area Percent Report

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Sample : VIBLK77
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK77

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 | 10.508 | 2925 | 2929 | 2934 | rBV6 | 1351 | 1191 | 0.06% | 0.008% |
| 73 | 10.646 | 2968 | 2972 | 2973 | rBV2 | 970 | 625 | 0.03% | 0.004% |
| 74 | 10.752 | 3001 | 3005 | 3010 | rBV7 | 974 | 1235 | 0.06% | 0.009% |
| 75 | 10.855 | 3034 | 3037 | 3039 | rVB3 | 1028 | 589 | 0.03% | 0.004% |
| 76 | 10.871 | 3039 | 3042 | 3045 | rBV4 | 653 | 435 | 0.02% | 0.003% |
| 77 | 10.890 | 3045 | 3048 | 3049 | rBV2 | 974 | 487 | 0.03% | 0.003% |
| 78 | 11.074 | 3102 | 3105 | 3106 | rBV2 | 592 | 357 | 0.02% | 0.002% |
| 79 | 11.170 | 3132 | 3135 | 3136 | rBV2 | 1069 | 627 | 0.03% | 0.004% |
| 80 | 11.257 | 3150 | 3162 | 3183 | rBV | 834886 | 1298807 | 67.73% | 9.039% |
| 81 | 11.408 | 3206 | 3209 | 3214 | rVB5 | 1502 | 1207 | 0.06% | 0.008% |
| 82 | 11.453 | 3221 | 3223 | 3225 | rVB3 | 1209 | 390 | 0.02% | 0.003% |
| 83 | 11.466 | 3225 | 3227 | 3230 | rBV2 | 817 | 497 | 0.03% | 0.003% |
| 84 | 11.514 | 3240 | 3242 | 3244 | rBV3 | 1027 | 435 | 0.02% | 0.003% |
| 85 | 11.633 | 3266 | 3279 | 3298 | rBV | 802416 | 1285670 | 67.04% | 8.948% |
| 86 | 11.939 | 3371 | 3374 | 3378 | rBV4 | 1161 | 1088 | 0.06% | 0.008% |
| 87 | 12.189 | 3449 | 3452 | 3454 | rBV3 | 825 | 454 | 0.02% | 0.003% |
| 88 | 12.566 | 3565 | 3569 | 3571 | rBV3 | 1576 | 1094 | 0.06% | 0.008% |
| 89 | 12.672 | 3598 | 3602 | 3605 | rBV4 | 865 | 672 | 0.04% | 0.005% |
| 90 | 12.723 | 3615 | 3618 | 3625 | rVB5 | 1224 | 1104 | 0.06% | 0.008% |
| 91 | 12.759 | 3625 | 3629 | 3632 | rBV4 | 1377 | 1245 | 0.06% | 0.009% |
| 92 | 12.865 | 3660 | 3662 | 3666 | rBV3 | 697 | 527 | 0.03% | 0.004% |
| 93 | 13.074 | 3725 | 3727 | 3728 | rBV2 | 912 | 395 | 0.02% | 0.003% |
| 94 | 13.125 | 3739 | 3743 | 3747 | rBV4 | 1003 | 1001 | 0.05% | 0.007% |
| 95 | 13.157 | 3752 | 3753 | 3757 | rVB2 | 638 | 420 | 0.02% | 0.003% |
| 96 | 13.177 | 3757 | 3759 | 3761 | rBV | 786 | 354 | 0.02% | 0.002% |
| 97 | 13.273 | 3787 | 3789 | 3794 | rVB5 | 915 | 612 | 0.03% | 0.004% |
| 98 | 13.376 | 3818 | 3821 | 3822 | rBV2 | 947 | 467 | 0.02% | 0.003% |
| 99 | 13.472 | 3849 | 3851 | 3854 | rBV3 | 1020 | 630 | 0.03% | 0.004% |
| 100 | 13.816 | 3957 | 3958 | 3962 | rBV3 | 813 | 474 | 0.02% | 0.003% |

Sum of corrected areas: 14368297

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010821\
Data File : VV019948.D
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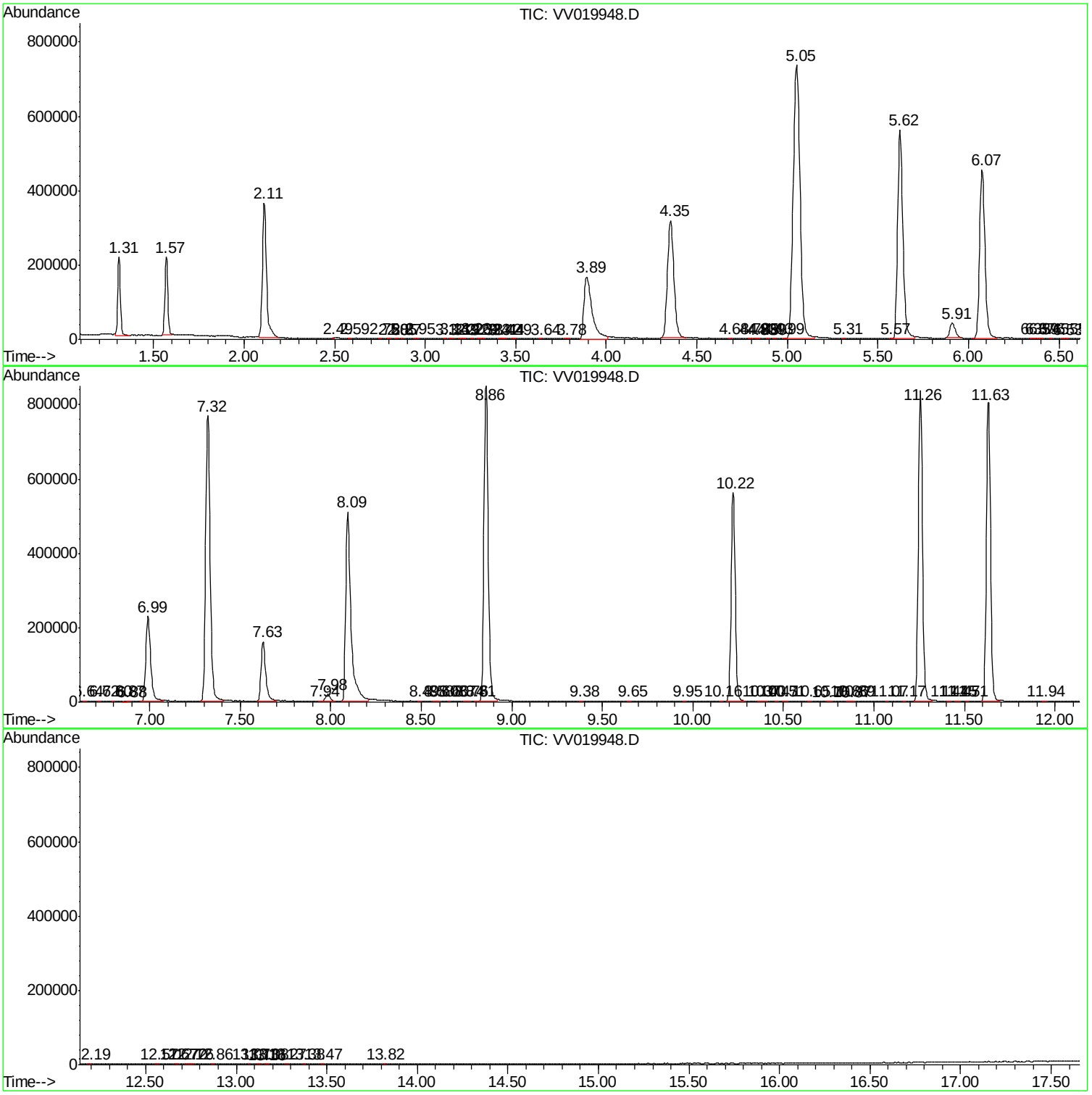
Operator : SY/MD
Sample : VIBLK77
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK77

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\VV010821\
Data File : VV019948.D
Acq On : 08 Jan 2021 15:22
Operator : SY/MD
Sample : VIBLK77
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VIBLK77

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\VV010821\
Data File : VV019948.D
Acq On : 08 Jan 2021 15:22
Operator : SY/MD
Sample : VIBLK77
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** VIBLK77

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 |