LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
Data File : VV019600.D
Acq On : 14 Dec 2020 13:28
Operator : SY/MD
Sample : L4928-05DL 500X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BG4M2DL

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\SOMVLM121020WMA.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 | 1.306 | 61 | 67 | 83 | rVB | 371641 | 372736 | 10.34% | 1.626% |
| 2 | 1.569 | 142 | 149 | 168 | rVB | 310498 | 341694 | 9.48% | 1.491% |
| 3 | 2.110 | 307 | 317 | 351 | rVB | 630335 | 972855 | 26.98% | 4.245% |
| 4 | 2.441 | 418 | 420 | 422 | rBV2 | 836 | 382 | 0.01% | 0.002% |
| 5 | 2.894 | 556 | 561 | 563 | rBV4 | 725 | 607 | 0.02% | 0.003% |
| 6 | 2.942 | 572 | 576 | 580 | rBV5 | 908 | 858 | 0.02% | 0.004% |
| 7 | 3.007 | 594 | 596 | 602 | rVB5 | 585 | 329 | 0.01% | 0.001% |
| 8 | 3.042 | 602 | 607 | 609 | rBV4 | 1075 | 971 | 0.03% | 0.004% |
| 9 | 3.097 | 619 | 624 | 627 | rBV3 | 909 | 764 | 0.02% | 0.003% |
| 10 | 3.174 | 645 | 648 | 650 | rBV | 404 | 268 | 0.01% | 0.001% |
| 11 | 3.290 | 679 | 684 | 687 | rBV4 | 770 | 662 | 0.02% | 0.003% |
| 12 | 3.315 | 687 | 692 | 695 | rVV4 | 522 | 444 | 0.01% | 0.002% |
| 13 | 3.338 | 698 | 699 | 702 | rVB2 | 462 | 194 | 0.01% | 0.001% |
| 14 | 3.364 | 702 | 707 | 710 | rBV4 | 633 | 704 | 0.02% | 0.003% |
| 15 | 3.399 | 716 | 718 | 719 | rBV | 294 | 96 | 0.00% | 0.000% |
| 16 | 3.421 | 722 | 725 | 730 | rVB2 | 657 | 705 | 0.02% | 0.003% |
| 17 | 3.457 | 730 | 736 | 738 | rBV3 | 747 | 787 | 0.02% | 0.003% |
| 18 | 3.492 | 742 | 747 | 750 | rBV3 | 683 | 794 | 0.02% | 0.003% |
| 19 | 3.508 | 750 | 752 | 755 | rVB3 | 383 | 180 | 0.00% | 0.001% |
| 20 | 3.528 | 755 | 758 | 759 | rBV | 283 | 154 | 0.00% | 0.001% |
| 21 | 3.556 | 765 | 767 | 771 | rBV2 | 527 | 370 | 0.01% | 0.002% |
| 22 | 3.579 | 771 | 774 | 776 | rBV3 | 355 | 179 | 0.00% | 0.001% |
| 23 | 3.589 | 776 | 777 | 779 | rBV | 233 | 82 | 0.00% | 0.000% |
| 24 | 3.602 | 779 | 781 | 782 | rBV | 375 | 185 | 0.01% | 0.001% |
| 25 | 3.637 | 790 | 792 | 797 | rBV4 | 413 | 375 | 0.01% | 0.002% |
| 26 | 3.695 | 809 | 810 | 813 | rVB3 | 409 | 120 | 0.00% | 0.001% |
| 27 | 3.717 | 813 | 817 | 819 | rBV2 | 642 | 441 | 0.01% | 0.002% |
| 28 | 3.730 | 819 | 821 | 823 | rVB2 | 343 | 138 | 0.00% | 0.001% |
| 29 | 3.743 | 823 | 825 | 827 | rBV | 288 | 151 | 0.00% | 0.001% |
| 30 | 3.769 | 827 | 833 | 835 | rVV5 | 940 | 1002 | 0.03% | 0.004% |
| 31 | 3.782 | 835 | 837 | 842 | rVB4 | 932 | 621 | 0.02% | 0.003% |
| 32 | 3.849 | 853 | 858 | 859 | rBV2 | 296 | 202 | 0.01% | 0.001% |
| 33 | 3.894 | 859 | 872 | 902 | rBV | 148210 | 454348 | 12.60% | 1.982% |
| 34 | 4.351 | 997 | 1014 | 1041 | rBV | 411953 | 1006004 | 27.90% | 4.389% |

LSC Area Percent Report

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Acq On : 14 Dec 2020 13:28
Operator : SY/MD
Sample : L4928-05DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BG4M2DL

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\SOMVLM121020WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 4.807 | 1152 | 1156 | 1161 | rVB5 | 537 | 436 | 0.01% | 0.002% |
| 36 | 4.827 | 1161 | 1162 | 1163 | rBV5 | 568 | 201 | 0.01% | 0.001% |
| 37 | 4.859 | 1169 | 1172 | 1174 | rBV3 | 300 | 185 | 0.01% | 0.001% |
| 38 | 4.868 | 1174 | 1175 | 1176 | rBV | 365 | 115 | 0.00% | 0.001% |
| 39 | 4.926 | 1190 | 1193 | 1194 | rBV3 | 366 | 217 | 0.01% | 0.001% |
| 40 | 4.955 | 1198 | 1202 | 1203 | rBV | 350 | 263 | 0.01% | 0.001% |
| 41 | 5.048 | 1213 | 1231 | 1267 | rBV2 | 992355 | 2569857 | 71.26% | 11.213% |
| 42 | 5.544 | 1383 | 1385 | 1386 | rBV2 | 405 | 207 | 0.01% | 0.001% |
| 43 | 5.621 | 1395 | 1409 | 1436 | rBV | 779349 | 1554809 | 43.11% | 6.784% |
| 44 | 5.920 | 1489 | 1502 | 1523 | rVB4 | 39190 | 89269 | 2.48% | 0.389% |
| 45 | 6.074 | 1533 | 1550 | 1577 | rBV | 565722 | 1155915 | 32.05% | 5.043% |
| 46 | 6.357 | 1633 | 1638 | 1643 | rBV5 | 549 | 666 | 0.02% | 0.003% |
| 47 | 6.399 | 1649 | 1651 | 1653 | rBV3 | 501 | 262 | 0.01% | 0.001% |
| 48 | 6.511 | 1681 | 1686 | 1687 | rBV2 | 628 | 412 | 0.01% | 0.002% |
| 49 | 6.540 | 1693 | 1695 | 1700 | rBV2 | 515 | 451 | 0.01% | 0.002% |
| 50 | 6.630 | 1713 | 1723 | 1732 | rBV7 | 2418 | 5584 | 0.15% | 0.024% |
| 51 | 6.788 | 1769 | 1772 | 1774 | rBV2 | 529 | 396 | 0.01% | 0.002% |
| 52 | 6.855 | 1789 | 1793 | 1797 | rBV4 | 621 | 533 | 0.01% | 0.002% |
| 53 | 6.875 | 1797 | 1799 | 1803 | rBV3 | 392 | 285 | 0.01% | 0.001% |
| 54 | 6.900 | 1805 | 1807 | 1809 | rVB2 | 313 | 131 | 0.00% | 0.001% |
| 55 | 6.923 | 1812 | 1814 | 1818 | rVB3 | 362 | 180 | 0.00% | 0.001% |
| 56 | 6.987 | 1822 | 1834 | 1863 | rBV | 345062 | 626680 | 17.38% | 2.734% |
| 57 | 7.318 | 1925 | 1937 | 1965 | rBV | 1188615 | 2053270 | 56.94% | 8.959% |
| 58 | 7.624 | 2021 | 2032 | 2058 | rBV2 | 241996 | 422084 | 11.70% | 1.842% |
| 59 | 7.891 | 2111 | 2115 | 2117 | rBV4 | 763 | 656 | 0.02% | 0.003% |
| 60 | 7.978 | 2128 | 2142 | 2166 | rBV | 2168746 | 3606268 | 100.00% | 15.735% |
| 61 | 8.090 | 2167 | 2177 | 2206 | rVV | 582804 | 1002301 | 27.79% | 4.373% |
| 62 | 8.495 | 2299 | 2303 | 2305 | rBV4 | 437 | 358 | 0.01% | 0.002% |
| 63 | 8.855 | 2402 | 2415 | 2439 | rBV | 1158174 | 1866754 | 51.76% | 8.145% |
| 64 | 9.277 | 2543 | 2546 | 2550 | rBV3 | 727 | 567 | 0.02% | 0.002% |
| 65 | 9.299 | 2550 | 2553 | 2556 | rBV3 | 912 | 662 | 0.02% | 0.003% |
| 66 | 9.444 | 2594 | 2598 | 2600 | rBV3 | 704 | 506 | 0.01% | 0.002% |
| 67 | 9.534 | 2624 | 2626 | 2628 | rVB2 | 362 | 116 | 0.00% | 0.001% |
| 68 | 9.553 | 2628 | 2632 | 2633 | rBV | 845 | 520 | 0.01% | 0.002% |
| 69 | 9.637 | 2655 | 2658 | 2662 | rVB3 | 495 | 381 | 0.01% | 0.002% |
| 70 | 9.675 | 2668 | 2670 | 2672 | rBV2 | 223 | 135 | 0.00% | 0.001% |
| 71 | 9.685 | 2672 | 2673 | 2674 | rBV | 315 | 90 | 0.00% | 0.000% |

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Sample : L4928-05DL 500X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BG4M2DL

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\SOMVLM121020WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.775 | 2699 | 2701 | 2703 | rBV2 | 569 | 237 | 0.01% | 0.001% |
| 73 | 9.820 | 2713 | 2715 | 2717 | rVB2 | 427 | 137 | 0.00% | 0.001% |
| 74 | 9.929 | 2745 | 2749 | 2752 | rBV4 | 781 | 661 | 0.02% | 0.003% |
| 75 | 9.981 | 2763 | 2765 | 2768 | rVB3 | 498 | 212 | 0.01% | 0.001% |
| 76 | 10.003 | 2768 | 2772 | 2773 | rBV2 | 587 | 365 | 0.01% | 0.002% |
| 77 | 10.032 | 2778 | 2781 | 2784 | rBV2 | 512 | 408 | 0.01% | 0.002% |
| 78 | 10.071 | 2791 | 2793 | 2796 | rBV3 | 332 | 233 | 0.01% | 0.001% |
| 79 | 10.219 | 2827 | 2839 | 2860 | rBV | 735207 | 1146335 | 31.79% | 5.002% |
| 80 | 10.328 | 2872 | 2873 | 2875 | rBV2 | 448 | 231 | 0.01% | 0.001% |
| 81 | 10.395 | 2891 | 2894 | 2897 | rBV3 | 668 | 459 | 0.01% | 0.002% |
| 82 | 10.412 | 2897 | 2899 | 2903 | rVB3 | 685 | 368 | 0.01% | 0.002% |
| 83 | 10.797 | 3017 | 3019 | 3021 | rBV2 | 541 | 309 | 0.01% | 0.001% |
| 84 | 10.820 | 3024 | 3026 | 3029 | rVB | 528 | 268 | 0.01% | 0.001% |
| 85 | 10.839 | 3029 | 3032 | 3033 | rBV2 | 425 | 247 | 0.01% | 0.001% |
| 86 | 11.013 | 3081 | 3086 | 3089 | rBV4 | 531 | 568 | 0.02% | 0.002% |
| 87 | 11.251 | 3148 | 3160 | 3184 | rBV | 1179580 | 1816006 | 50.36% | 7.924% |
| 88 | 11.627 | 3264 | 3277 | 3298 | rBV | 1186268 | 1826275 | 50.64% | 7.968% |
| 89 | 11.916 | 3366 | 3367 | 3368 | rBV | 294 | 88 | 0.00% | 0.000% |
| 90 | 11.932 | 3369 | 3372 | 3375 | rVV3 | 579 | 441 | 0.01% | 0.002% |
| 91 | 11.993 | 3389 | 3391 | 3393 | rBV4 | 758 | 363 | 0.01% | 0.002% |
| 92 | 12.199 | 3450 | 3455 | 3456 | rBV3 | 551 | 474 | 0.01% | 0.002% |
| 93 | 12.588 | 3574 | 3576 | 3578 | rBV | 424 | 257 | 0.01% | 0.001% |
| 94 | 12.707 | 3610 | 3613 | 3617 | rBV3 | 696 | 649 | 0.02% | 0.003% |
| 95 | 13.054 | 3717 | 3721 | 3726 | rBV3 | 785 | 669 | 0.02% | 0.003% |
| 96 | 13.209 | 3766 | 3769 | 3772 | rBV2 | 663 | 614 | 0.02% | 0.003% |

Sum of corrected areas: 22918998

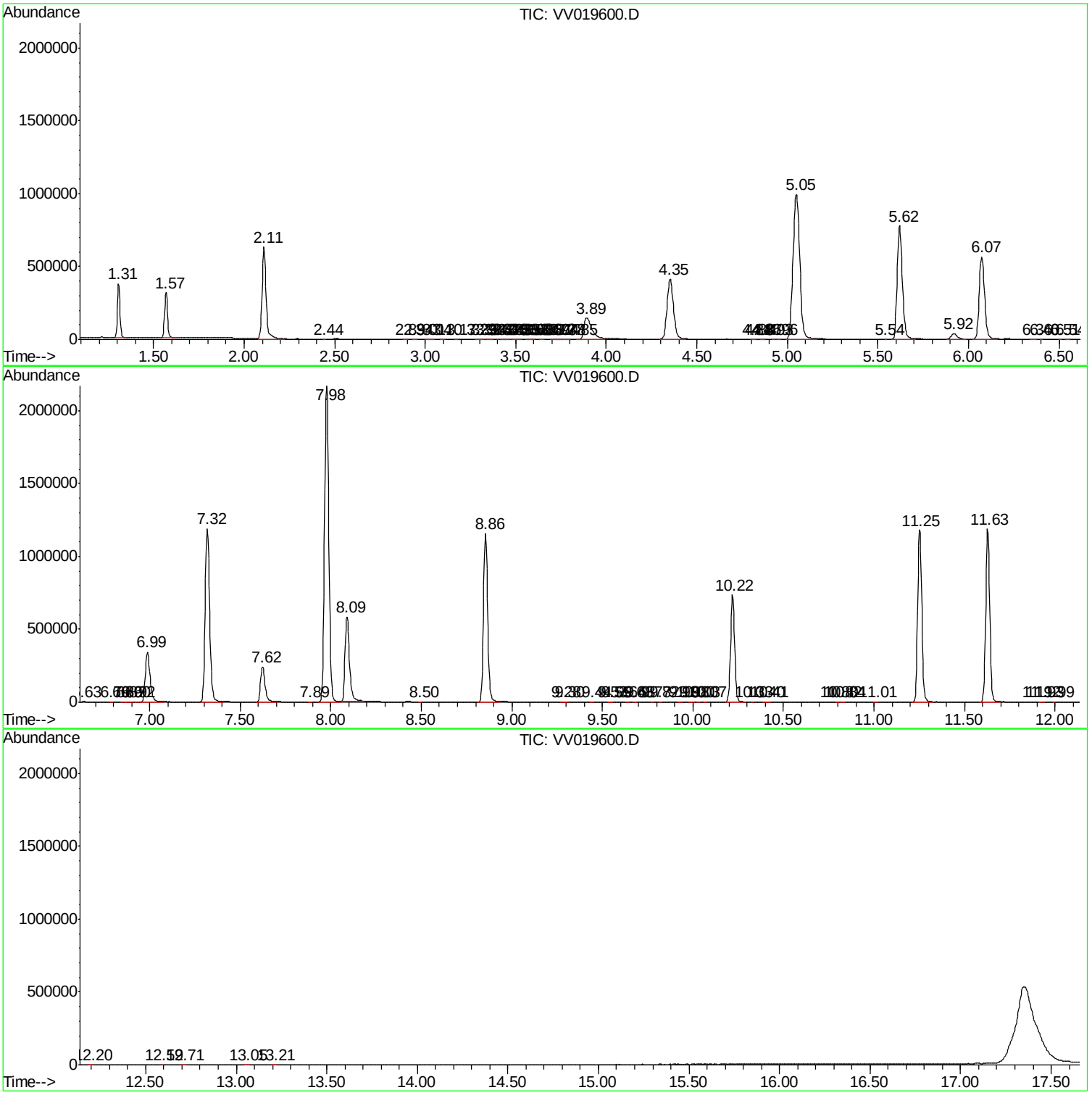
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
Data File : VV019600.D
Acq On : 14 Dec 2020 13:28
Operator : SY/MD
Sample : L4928-05DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BG4M2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.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\VV121420\
Data File : VV019600.D
Acq On : 14 Dec 2020 13:28
Operator : SY/MD
Sample : L4928-05DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
BG4M2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.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\VV121420\
Data File : VV019600.D
Acq On : 14 Dec 2020 13:28
Operator : SY/MD
Sample : L4928-05DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BG4M2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.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 |