LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022719\
Data File : VU029716.D
Acq On : 27 Feb 2019 19:59
Operator : JC/SP
Sample : K1625-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

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\SOMULM021519WMA.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 | 24 | 29 | 38 | rVB | 8253 | 8070 | 0.50% | 0.063% |
| 2 | 1.395 | 88 | 95 | 107 | rBV | 231193 | 237616 | 14.79% | 1.866% |
| 3 | 1.678 | 175 | 183 | 197 | rVB | 180443 | 222079 | 13.82% | 1.744% |
| 4 | 2.270 | 356 | 367 | 379 | rVB | 390695 | 579099 | 36.05% | 4.548% |
| 5 | 2.373 | 396 | 399 | 402 | rBV3 | 804 | 476 | 0.03% | 0.004% |
| 6 | 2.437 | 416 | 419 | 420 | rBV2 | 619 | 354 | 0.02% | 0.003% |
| 7 | 2.469 | 427 | 429 | 439 | rVB4 | 1494 | 1777 | 0.11% | 0.014% |
| 8 | 2.550 | 449 | 454 | 456 | rBV3 | 474 | 397 | 0.02% | 0.003% |
| 9 | 2.585 | 463 | 465 | 469 | rVB | 556 | 315 | 0.02% | 0.002% |
| 10 | 2.659 | 486 | 488 | 494 | rVB2 | 427 | 288 | 0.02% | 0.002% |
| 11 | 2.698 | 494 | 500 | 501 | rBV2 | 1129 | 896 | 0.06% | 0.007% |
| 12 | 2.765 | 519 | 521 | 526 | rVB3 | 376 | 279 | 0.02% | 0.002% |
| 13 | 2.826 | 534 | 540 | 544 | rBV4 | 1113 | 1601 | 0.10% | 0.013% |
| 14 | 2.910 | 561 | 566 | 568 | rBV2 | 293 | 293 | 0.02% | 0.002% |
| 15 | 3.074 | 612 | 617 | 622 | rBV2 | 342 | 317 | 0.02% | 0.002% |
| 16 | 3.100 | 622 | 625 | 628 | rBV | 428 | 290 | 0.02% | 0.002% |
| 17 | 3.132 | 632 | 635 | 639 | rVB2 | 271 | 267 | 0.02% | 0.002% |
| 18 | 3.183 | 647 | 651 | 655 | rBV | 384 | 366 | 0.02% | 0.003% |
| 19 | 3.238 | 663 | 668 | 673 | rBV2 | 508 | 639 | 0.04% | 0.005% |
| 20 | 3.460 | 734 | 737 | 741 | rVB | 344 | 258 | 0.02% | 0.002% |
| 21 | 3.508 | 749 | 752 | 756 | rBV3 | 669 | 482 | 0.03% | 0.004% |
| 22 | 3.563 | 766 | 769 | 774 | rBV3 | 368 | 382 | 0.02% | 0.003% |
| 23 | 3.678 | 802 | 805 | 811 | rVV3 | 297 | 355 | 0.02% | 0.003% |
| 24 | 3.823 | 845 | 850 | 852 | rBV | 338 | 264 | 0.02% | 0.002% |
| 25 | 3.890 | 866 | 871 | 872 | rBV | 515 | 377 | 0.02% | 0.003% |
| 26 | 3.990 | 897 | 902 | 906 | rBV2 | 522 | 629 | 0.04% | 0.005% |
| 27 | 4.051 | 917 | 921 | 927 | rVB4 | 654 | 692 | 0.04% | 0.005% |
| 28 | 4.093 | 931 | 934 | 940 | rVB3 | 420 | 336 | 0.02% | 0.003% |
| 29 | 4.177 | 946 | 960 | 991 | rBV | 134317 | 363842 | 22.65% | 2.858% |
| 30 | 4.646 | 1088 | 1106 | 1135 | rBV | 261504 | 627896 | 39.09% | 4.932% |
| 31 | 4.881 | 1175 | 1179 | 1182 | rVV3 | 727 | 656 | 0.04% | 0.005% |
| 32 | 4.977 | 1204 | 1209 | 1211 | rBV3 | 592 | 573 | 0.04% | 0.005% |
| 33 | 4.993 | 1211 | 1214 | 1218 | rVV4 | 631 | 591 | 0.04% | 0.005% |
| 34 | 5.032 | 1223 | 1226 | 1231 | rBV3 | 365 | 350 | 0.02% | 0.003% |

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Sample : K1625-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

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\SOMULM021519WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.128 | 1252 | 1256 | 1260 | rBV3 | 372 | 362 | 0.02% | 0.003% |
| 36 | 5.157 | 1261 | 1265 | 1269 | rBV2 | 411 | 323 | 0.02% | 0.003% |
| 37 | 5.177 | 1269 | 1271 | 1277 | rVB2 | 459 | 367 | 0.02% | 0.003% |
| 38 | 5.337 | 1297 | 1321 | 1352 | rBV2 | 551943 | 1606467 | 100.00% | 12.618% |
| 39 | 5.511 | 1373 | 1375 | 1383 | rVB3 | 866 | 710 | 0.04% | 0.006% |
| 40 | 5.749 | 1447 | 1449 | 1456 | rVB4 | 656 | 568 | 0.04% | 0.004% |
| 41 | 5.778 | 1456 | 1458 | 1461 | rBV2 | 410 | 300 | 0.02% | 0.002% |
| 42 | 5.810 | 1461 | 1468 | 1472 | rVB4 | 432 | 553 | 0.03% | 0.004% |
| 43 | 5.884 | 1476 | 1491 | 1519 | rBV | 480293 | 960721 | 59.80% | 7.546% |
| 44 | 6.103 | 1557 | 1559 | 1563 | rVB2 | 490 | 295 | 0.02% | 0.002% |
| 45 | 6.167 | 1573 | 1579 | 1580 | rBV3 | 899 | 790 | 0.05% | 0.006% |
| 46 | 6.238 | 1597 | 1601 | 1603 | rBV3 | 343 | 298 | 0.02% | 0.002% |
| 47 | 6.328 | 1614 | 1629 | 1659 | rBV | 345420 | 703798 | 43.81% | 5.528% |
| 48 | 6.527 | 1687 | 1691 | 1692 | rBV3 | 468 | 279 | 0.02% | 0.002% |
| 49 | 6.540 | 1692 | 1695 | 1699 | rVV4 | 501 | 549 | 0.03% | 0.004% |
| 50 | 6.887 | 1798 | 1803 | 1809 | rVB3 | 517 | 586 | 0.04% | 0.005% |
| 51 | 6.961 | 1820 | 1826 | 1832 | rBV2 | 265 | 426 | 0.03% | 0.003% |
| 52 | 6.993 | 1832 | 1836 | 1842 | rVB2 | 256 | 302 | 0.02% | 0.002% |
| 53 | 7.032 | 1842 | 1848 | 1852 | rVB3 | 454 | 448 | 0.03% | 0.004% |
| 54 | 7.058 | 1852 | 1856 | 1859 | rBV2 | 463 | 437 | 0.03% | 0.003% |
| 55 | 7.096 | 1864 | 1868 | 1870 | rBV3 | 315 | 262 | 0.02% | 0.002% |
| 56 | 7.225 | 1896 | 1908 | 1938 | rBV | 201733 | 365494 | 22.75% | 2.871% |
| 57 | 7.466 | 1980 | 1983 | 1986 | rBV2 | 393 | 255 | 0.02% | 0.002% |
| 58 | 7.562 | 1999 | 2013 | 2033 | rBV | 773819 | 1360580 | 84.69% | 10.686% |
| 59 | 7.849 | 2090 | 2102 | 2126 | rBV | 135612 | 242946 | 15.12% | 1.908% |
| 60 | 8.051 | 2161 | 2165 | 2167 | rVB3 | 495 | 321 | 0.02% | 0.003% |
| 61 | 8.074 | 2167 | 2172 | 2174 | rBV2 | 465 | 352 | 0.02% | 0.003% |
| 62 | 8.099 | 2177 | 2180 | 2183 | rVV2 | 521 | 367 | 0.02% | 0.003% |
| 63 | 8.177 | 2192 | 2204 | 2216 | rVV2 | 14816 | 26115 | 1.63% | 0.205% |
| 64 | 8.228 | 2218 | 2220 | 2224 | rVB3 | 652 | 361 | 0.02% | 0.003% |
| 65 | 8.308 | 2233 | 2245 | 2279 | rBV | 487383 | 878435 | 54.68% | 6.899% |
| 66 | 8.549 | 2317 | 2320 | 2324 | rBV3 | 425 | 294 | 0.02% | 0.002% |
| 67 | 8.787 | 2390 | 2394 | 2397 | rBV3 | 383 | 281 | 0.02% | 0.002% |
| 68 | 8.893 | 2424 | 2427 | 2429 | rBV2 | 344 | 258 | 0.02% | 0.002% |
| 69 | 9.086 | 2473 | 2487 | 2525 | rBV | 703354 | 1195205 | 74.40% | 9.387% |
| 70 | 9.373 | 2572 | 2576 | 2577 | rBV3 | 642 | 497 | 0.03% | 0.004% |
| 71 | 9.430 | 2589 | 2594 | 2597 | rBV2 | 509 | 446 | 0.03% | 0.004% |

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Sample : K1625-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

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\SOMULM021519WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.514 | 2617 | 2620 | 2626 | rVB2 | 336 | 266 | 0.02% | 0.002% |
| 73 | 9.659 | 2661 | 2665 | 2668 | rBV2 | 311 | 266 | 0.02% | 0.002% |
| 74 | 9.701 | 2674 | 2678 | 2682 | rVB2 | 476 | 430 | 0.03% | 0.003% |
| 75 | 9.765 | 2692 | 2698 | 2701 | rBV2 | 463 | 524 | 0.03% | 0.004% |
| 76 | 9.784 | 2701 | 2704 | 2708 | rBV3 | 543 | 472 | 0.03% | 0.004% |
| 77 | 9.983 | 2759 | 2766 | 2767 | rBV2 | 411 | 386 | 0.02% | 0.003% |
| 78 | 10.000 | 2767 | 2771 | 2774 | rVV3 | 470 | 512 | 0.03% | 0.004% |
| 79 | 10.028 | 2778 | 2780 | 2782 | rBV3 | 584 | 358 | 0.02% | 0.003% |
| 80 | 10.164 | 2817 | 2822 | 2829 | rVB3 | 801 | 1033 | 0.06% | 0.008% |
| 81 | 10.212 | 2834 | 2837 | 2841 | rVB | 482 | 336 | 0.02% | 0.003% |
| 82 | 10.250 | 2844 | 2849 | 2852 | rBV3 | 396 | 366 | 0.02% | 0.003% |
| 83 | 10.427 | 2891 | 2904 | 2928 | rBV | 526971 | 855357 | 53.24% | 6.718% |
| 84 | 10.604 | 2948 | 2959 | 2970 | rBV2 | 16016 | 26480 | 1.65% | 0.208% |
| 85 | 10.755 | 3002 | 3006 | 3008 | rBV3 | 393 | 303 | 0.02% | 0.002% |
| 86 | 11.231 | 3151 | 3154 | 3158 | rVB2 | 393 | 347 | 0.02% | 0.003% |
| 87 | 11.254 | 3158 | 3161 | 3164 | rBV2 | 397 | 277 | 0.02% | 0.002% |
| 88 | 11.366 | 3190 | 3196 | 3198 | rBV2 | 449 | 464 | 0.03% | 0.004% |
| 89 | 11.418 | 3206 | 3212 | 3217 | rBV5 | 1466 | 1779 | 0.11% | 0.014% |
| 90 | 11.482 | 3219 | 3232 | 3253 | rBV | 707810 | 1161258 | 72.29% | 9.121% |
| 91 | 11.771 | 3315 | 3322 | 3326 | rBV5 | 807 | 1156 | 0.07% | 0.009% |
| 92 | 11.858 | 3336 | 3349 | 3375 | rBV | 768887 | 1265164 | 78.75% | 9.937% |
| 93 | 12.475 | 3532 | 3541 | 3555 | rVB | 4444 | 7539 | 0.47% | 0.059% |
| 94 | 12.601 | 3577 | 3580 | 3582 | rBV2 | 437 | 312 | 0.02% | 0.002% |
| 95 | 12.819 | 3645 | 3648 | 3651 | rBV2 | 371 | 321 | 0.02% | 0.003% |
| 96 | 12.945 | 3684 | 3687 | 3692 | rBV2 | 399 | 349 | 0.02% | 0.003% |
| 97 | 13.012 | 3705 | 3708 | 3713 | rBV2 | 441 | 349 | 0.02% | 0.003% |
| 98 | 13.778 | 3943 | 3946 | 3948 | rBV2 | 504 | 371 | 0.02% | 0.003% |
| 99 | 14.266 | 4095 | 4098 | 4100 | rBV4 | 889 | 648 | 0.04% | 0.005% |
| 100 | 14.524 | 4175 | 4178 | 4180 | rBV2 | 700 | 457 | 0.03% | 0.004% |

Sum of corrected areas: 12732030

LSC Report - Integrated Chromatogram

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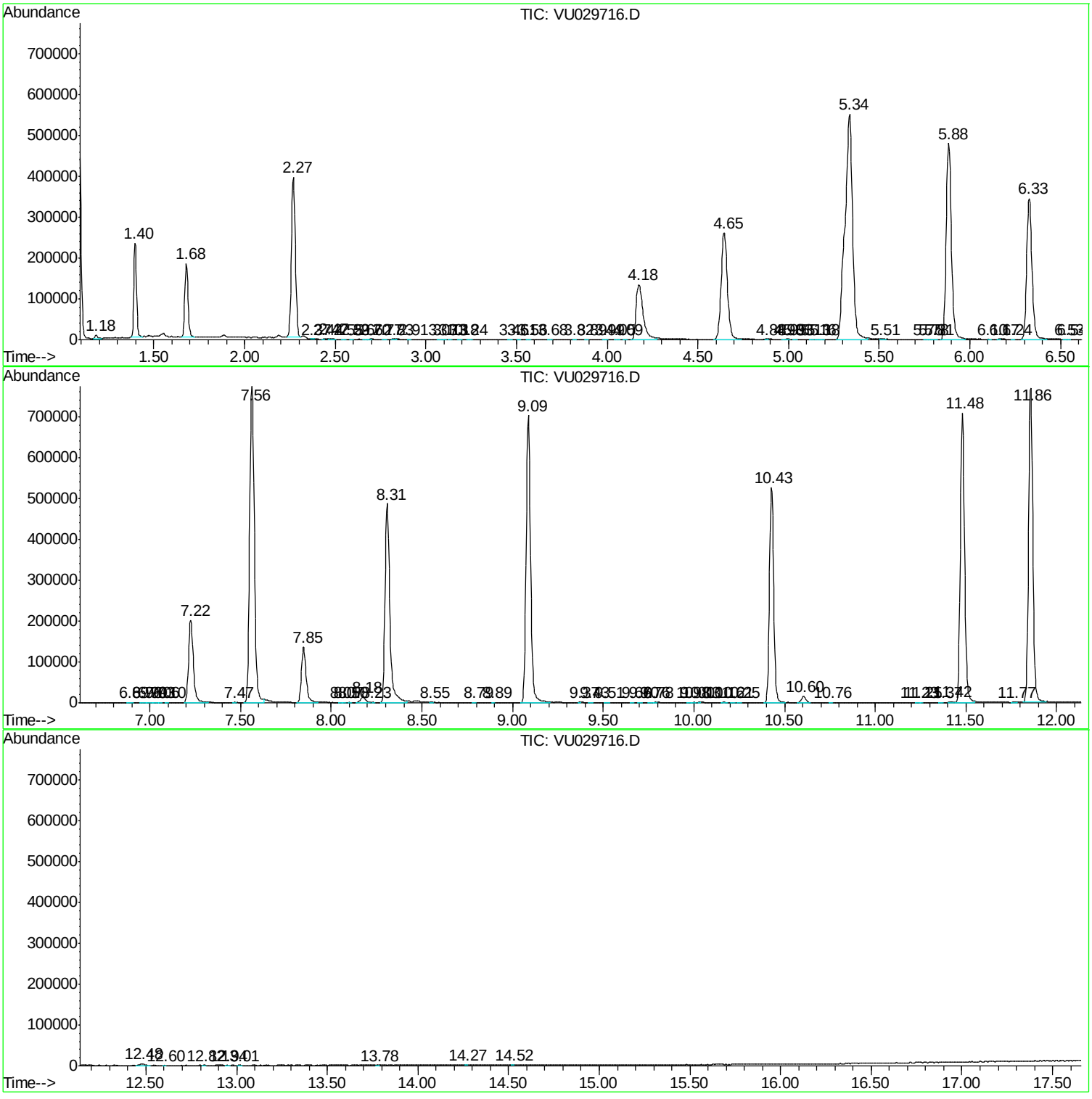
Sample : K1625-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.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\VU022719\
Data File : VU029716.D
Acq On : 27 Feb 2019 19:59
Operator : JC/SP
Sample : K1625-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.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

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Misc : 5.0mL/MSVOA_U/WATER
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.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 |