LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
Data File : VU026017.D
Acq On : 10 Aug 2018 00:05
Operator : MD/SY
Sample : J4401-01 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A4ZD9

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\SOMULM080918WMA.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 | 0.632 | 10 | 13 | 18 | rBV | 321 | 372 | 0.02% | 0.003% |
| 2 | 0.667 | 21 | 24 | 26 | rBV2 | 275 | 213 | 0.01% | 0.002% |
| 3 | 0.719 | 36 | 40 | 43 | rBV2 | 247 | 184 | 0.01% | 0.002% |
| 4 | 0.738 | 43 | 46 | 49 | rBV2 | 165 | 129 | 0.01% | 0.001% |
| 5 | 0.822 | 69 | 72 | 73 | rBV2 | 389 | 217 | 0.01% | 0.002% |
| 6 | 1.085 | 145 | 154 | 172 | rBV | 369273 | 427807 | 23.78% | 3.686% |
| 7 | 1.397 | 245 | 251 | 264 | rVB | 119086 | 125746 | 6.99% | 1.083% |
| 8 | 1.677 | 331 | 338 | 353 | rVB | 98056 | 131601 | 7.32% | 1.134% |
| 9 | 2.272 | 513 | 523 | 533 | rBV | 213149 | 324370 | 18.03% | 2.794% |
| 10 | 2.706 | 651 | 658 | 666 | rVB5 | 2235 | 3427 | 0.19% | 0.030% |
| 11 | 2.841 | 689 | 700 | 714 | rVB4 | 2834 | 6325 | 0.35% | 0.054% |
| 12 | 2.892 | 714 | 716 | 717 | rBV4 | 159 | 71 | 0.00% | 0.001% |
| 13 | 2.905 | 717 | 720 | 722 | rBV | 346 | 229 | 0.01% | 0.002% |
| 14 | 2.941 | 728 | 731 | 734 | rBV2 | 378 | 228 | 0.01% | 0.002% |
| 15 | 2.979 | 741 | 743 | 744 | rBV2 | 239 | 92 | 0.01% | 0.001% |
| 16 | 3.478 | 896 | 898 | 905 | rBV | 348 | 424 | 0.02% | 0.004% |
| 17 | 3.638 | 945 | 948 | 953 | rVB2 | 312 | 257 | 0.01% | 0.002% |
| 18 | 3.677 | 957 | 960 | 964 | rBV2 | 193 | 196 | 0.01% | 0.002% |
| 19 | 3.693 | 964 | 965 | 967 | rVB | 320 | 106 | 0.01% | 0.001% |
| 20 | 3.712 | 967 | 971 | 974 | rBV2 | 163 | 146 | 0.01% | 0.001% |
| 21 | 3.728 | 974 | 976 | 979 | rBV2 | 313 | 170 | 0.01% | 0.001% |
| 22 | 3.744 | 979 | 981 | 985 | rBV2 | 195 | 116 | 0.01% | 0.001% |
| 23 | 3.783 | 992 | 993 | 995 | rBV2 | 129 | 56 | 0.00% | 0.000% |
| 24 | 3.831 | 1006 | 1008 | 1010 | rVB | 153 | 79 | 0.00% | 0.001% |
| 25 | 3.847 | 1010 | 1013 | 1015 | rBV | 280 | 204 | 0.01% | 0.002% |
| 26 | 3.918 | 1034 | 1035 | 1036 | rBV | 207 | 80 | 0.00% | 0.001% |
| 27 | 3.976 | 1047 | 1053 | 1055 | rBV2 | 393 | 335 | 0.02% | 0.003% |
| 28 | 4.031 | 1067 | 1070 | 1072 | rBV | 193 | 108 | 0.01% | 0.001% |
| 29 | 4.088 | 1086 | 1088 | 1091 | rVB2 | 239 | 146 | 0.01% | 0.001% |
| 30 | 4.108 | 1091 | 1094 | 1096 | rBV | 154 | 115 | 0.01% | 0.001% |
| 31 | 4.130 | 1096 | 1101 | 1102 | rBV2 | 314 | 227 | 0.01% | 0.002% |
| 32 | 4.175 | 1102 | 1115 | 1138 | rBV | 102060 | 267803 | 14.89% | 2.307% |
| 33 | 4.519 | 1219 | 1222 | 1223 | rBV | 427 | 220 | 0.01% | 0.002% |
| 34 | 4.558 | 1231 | 1234 | 1239 | rVB2 | 354 | 326 | 0.02% | 0.003% |

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A4ZD9

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\SOMULM080918WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 4.651 | 1239 | 1263 | 1288 | rBV | 193511 | 455965 | 25.35% | 3.928% |
| 36 | 4.928 | 1345 | 1349 | 1350 | rBV | 202 | 135 | 0.01% | 0.001% |
| 37 | 4.947 | 1352 | 1355 | 1357 | rVV2 | 475 | 287 | 0.02% | 0.002% |
| 38 | 4.992 | 1364 | 1369 | 1374 | rBV4 | 524 | 614 | 0.03% | 0.005% |
| 39 | 5.076 | 1392 | 1395 | 1397 | rBV2 | 299 | 211 | 0.01% | 0.002% |
| 40 | 5.111 | 1401 | 1406 | 1408 | rBV | 149 | 122 | 0.01% | 0.001% |
| 41 | 5.220 | 1436 | 1440 | 1444 | rBV2 | 269 | 338 | 0.02% | 0.003% |
| 42 | 5.342 | 1453 | 1478 | 1512 | rBV2 | 368238 | 1117620 | 62.12% | 9.628% |
| 43 | 5.548 | 1536 | 1542 | 1544 | rBV3 | 416 | 388 | 0.02% | 0.003% |
| 44 | 5.603 | 1555 | 1559 | 1561 | rBV4 | 361 | 290 | 0.02% | 0.002% |
| 45 | 5.712 | 1590 | 1593 | 1594 | rBV4 | 239 | 112 | 0.01% | 0.001% |
| 46 | 5.744 | 1600 | 1603 | 1606 | rBV2 | 239 | 159 | 0.01% | 0.001% |
| 47 | 5.764 | 1606 | 1609 | 1610 | rBV | 234 | 154 | 0.01% | 0.001% |
| 48 | 5.786 | 1614 | 1616 | 1618 | rBV2 | 266 | 125 | 0.01% | 0.001% |
| 49 | 5.838 | 1631 | 1632 | 1634 | rBV2 | 255 | 121 | 0.01% | 0.001% |
| 50 | 5.889 | 1634 | 1648 | 1668 | rBV | 354187 | 694232 | 38.59% | 5.981% |
| 51 | 6.101 | 1712 | 1714 | 1717 | rBV4 | 257 | 118 | 0.01% | 0.001% |
| 52 | 6.133 | 1722 | 1724 | 1728 | rVB2 | 263 | 119 | 0.01% | 0.001% |
| 53 | 6.156 | 1728 | 1731 | 1734 | rVB | 266 | 171 | 0.01% | 0.001% |
| 54 | 6.175 | 1734 | 1737 | 1744 | rBV3 | 594 | 596 | 0.03% | 0.005% |
| 55 | 6.333 | 1772 | 1786 | 1811 | rBV | 255372 | 512398 | 28.48% | 4.414% |
| 56 | 6.458 | 1820 | 1825 | 1826 | rBV3 | 814 | 592 | 0.03% | 0.005% |
| 57 | 6.519 | 1843 | 1844 | 1846 | rVB2 | 341 | 69 | 0.00% | 0.001% |
| 58 | 6.555 | 1852 | 1855 | 1857 | rBV | 361 | 242 | 0.01% | 0.002% |
| 59 | 6.583 | 1862 | 1864 | 1866 | rBV | 153 | 84 | 0.00% | 0.001% |
| 60 | 6.606 | 1866 | 1871 | 1874 | rBV3 | 312 | 361 | 0.02% | 0.003% |
| 61 | 6.629 | 1874 | 1878 | 1881 | rVB2 | 399 | 316 | 0.02% | 0.003% |
| 62 | 6.645 | 1881 | 1883 | 1885 | rBV | 309 | 199 | 0.01% | 0.002% |
| 63 | 6.735 | 1908 | 1911 | 1915 | rBV2 | 372 | 272 | 0.02% | 0.002% |
| 64 | 6.844 | 1943 | 1945 | 1946 | rBV2 | 681 | 305 | 0.02% | 0.003% |
| 65 | 7.024 | 1996 | 2001 | 2005 | rBV3 | 402 | 499 | 0.03% | 0.004% |
| 66 | 7.043 | 2005 | 2007 | 2012 | rVV2 | 257 | 200 | 0.01% | 0.002% |
| 67 | 7.159 | 2041 | 2043 | 2046 | rBV2 | 278 | 193 | 0.01% | 0.002% |
| 68 | 7.230 | 2052 | 2065 | 2094 | rBV | 141607 | 250709 | 13.94% | 2.160% |
| 69 | 7.567 | 2156 | 2170 | 2185 | rBV | 497775 | 858420 | 47.72% | 7.395% |
| 70 | 7.805 | 2239 | 2244 | 2247 | rBV3 | 314 | 352 | 0.02% | 0.003% |
| 71 | 7.850 | 2247 | 2258 | 2277 | rVV | 102103 | 173649 | 9.65% | 1.496% |

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Sample : J4401-01 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A4ZD9

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\SOMULM080918WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 8.185 | 2350 | 2362 | 2376 | rBV | 46883 | 109767 | 6.10% | 0.946% |
| 73 | 8.313 | 2393 | 2402 | 2427 | rVB | 324665 | 548443 | 30.49% | 4.725% |
| 74 | 9.095 | 2631 | 2645 | 2647 | rBV | 536302 | 742254 | 41.26% | 6.395% |
| 75 | 9.333 | 2716 | 2719 | 2720 | rBV3 | 216 | 119 | 0.01% | 0.001% |
| 76 | 9.477 | 2762 | 2764 | 2767 | rBV2 | 291 | 173 | 0.01% | 0.001% |
| 77 | 9.493 | 2767 | 2769 | 2772 | rVV2 | 270 | 170 | 0.01% | 0.001% |
| 78 | 9.847 | 2877 | 2879 | 2884 | rBV2 | 306 | 172 | 0.01% | 0.001% |
| 79 | 9.879 | 2885 | 2889 | 2893 | rVB3 | 432 | 357 | 0.02% | 0.003% |
| 80 | 10.120 | 2959 | 2964 | 2969 | rVB2 | 495 | 649 | 0.04% | 0.006% |
| 81 | 10.143 | 2969 | 2971 | 2972 | rBV2 | 183 | 101 | 0.01% | 0.001% |
| 82 | 10.159 | 2974 | 2976 | 2980 | rVB2 | 480 | 202 | 0.01% | 0.002% |
| 83 | 10.259 | 3003 | 3007 | 3013 | rVB3 | 306 | 332 | 0.02% | 0.003% |
| 84 | 10.288 | 3013 | 3016 | 3019 | rBV2 | 464 | 375 | 0.02% | 0.003% |
| 85 | 10.352 | 3032 | 3036 | 3041 | rBV2 | 505 | 542 | 0.03% | 0.005% |
| 86 | 10.374 | 3041 | 3043 | 3049 | rBV2 | 290 | 382 | 0.02% | 0.003% |
| 87 | 10.435 | 3049 | 3062 | 3079 | rVV | 365991 | 590605 | 32.83% | 5.088% |
| 88 | 10.612 | 3106 | 3117 | 3130 | rBV2 | 20649 | 38499 | 2.14% | 0.332% |
| 89 | 11.146 | 3279 | 3283 | 3286 | rBV3 | 835 | 804 | 0.04% | 0.007% |
| 90 | 11.419 | 3358 | 3368 | 3377 | rBV2 | 45636 | 68847 | 3.83% | 0.593% |
| 91 | 11.487 | 3378 | 3389 | 3414 | rVB2 | 520615 | 1373760 | 76.36% | 11.835% |
| 92 | 11.632 | 3431 | 3434 | 3436 | rBV2 | 441 | 235 | 0.01% | 0.002% |
| 93 | 11.876 | 3493 | 3510 | 3533 | rBV2 | 760096 | 1799005 | 100.00% | 15.499% |
| 94 | 12.770 | 3786 | 3788 | 3792 | rVB | 539 | 341 | 0.02% | 0.003% |
| 95 | 12.860 | 3812 | 3816 | 3817 | rBV | 350 | 282 | 0.02% | 0.002% |
| 96 | 13.506 | 4005 | 4017 | 4043 | rBV | 480010 | 762192 | 42.37% | 6.566% |
| 97 | 13.992 | 4157 | 4168 | 4188 | rBV | 124489 | 205997 | 11.45% | 1.775% |

Sum of corrected areas: 11607467

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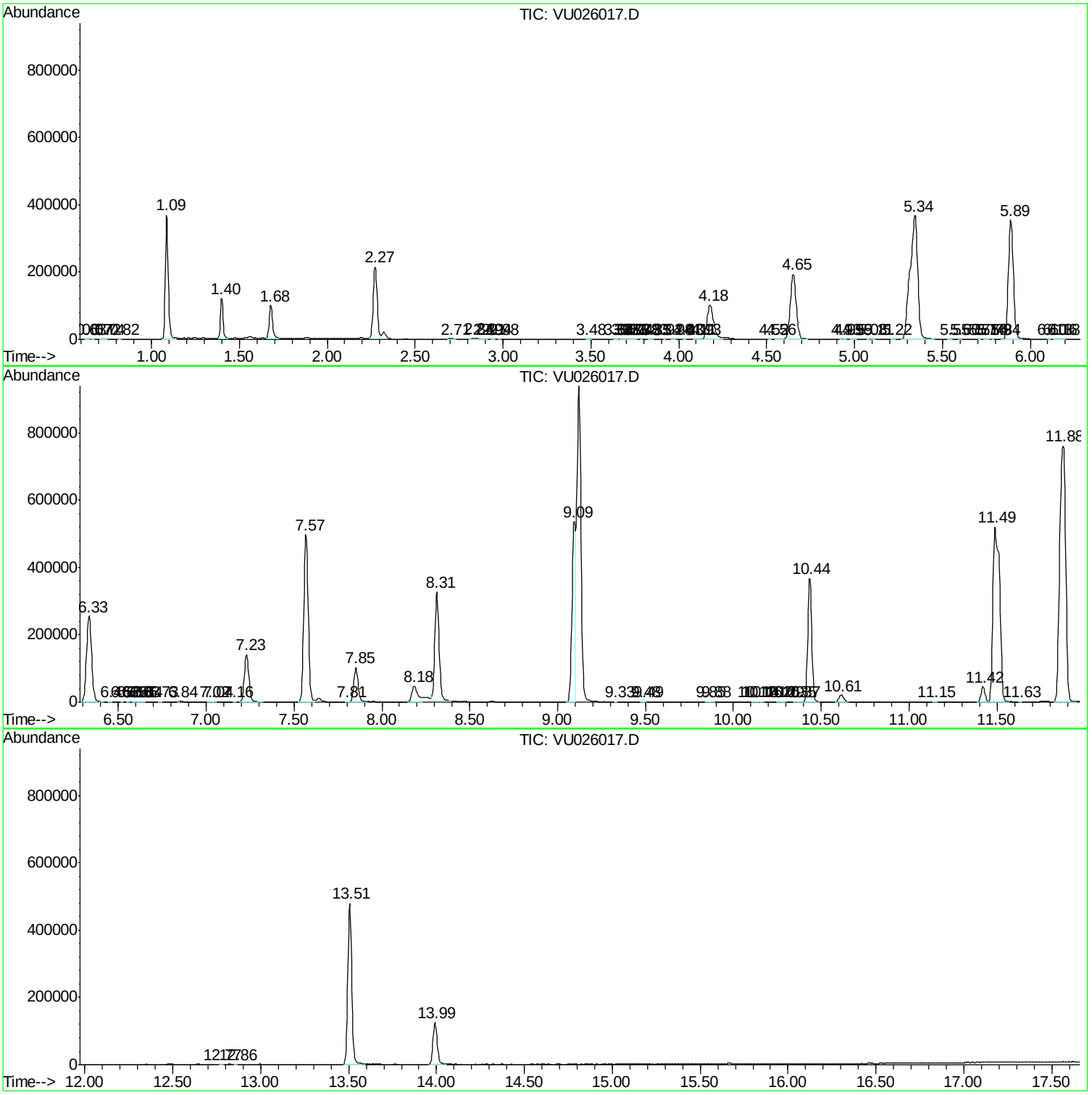
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A4ZD9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.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\VU080918\
Data File : VU026017.D
Acq On : 10 Aug 2018 00:05
Operator : MD/SY
Sample : J4401-01 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
A4ZD9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.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
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** A4ZD9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.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 |