LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

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\SOMULM042719WMA.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 | 1.177 | 23 | 27 | 37 | rVB3 | 13672 | 16232 | 0.60% | 0.077% |
| 2 | 1.219 | 37 | 40 | 41 | rBV | 3999 | 2458 | 0.09% | 0.012% |
| 3 | 1.289 | 58 | 62 | 67 | rBV2 | 13592 | 13234 | 0.49% | 0.063% |
| 4 | 1.395 | 86 | 95 | 114 | rBV | 218452 | 342909 | 12.63% | 1.627% |
| 5 | 1.675 | 175 | 182 | 196 | rBV | 134726 | 283690 | 10.45% | 1.346% |
| 6 | 2.241 | 347 | 358 | 385 | rVB | 451082 | 784959 | 28.90% | 3.724% |
| 7 | 2.498 | 436 | 438 | 441 | rVB4 | 2877 | 1465 | 0.05% | 0.007% |
| 8 | 2.530 | 441 | 448 | 455 | rBV6 | 2231 | 3491 | 0.13% | 0.017% |
| 9 | 2.691 | 485 | 498 | 510 | rVV4 | 12455 | 29829 | 1.10% | 0.142% |
| 10 | 2.833 | 540 | 542 | 547 | rVB5 | 1918 | 1403 | 0.05% | 0.007% |
| 11 | 2.891 | 558 | 560 | 567 | rVB4 | 1853 | 1847 | 0.07% | 0.009% |
| 12 | 2.926 | 567 | 571 | 574 | rBV3 | 1279 | 1139 | 0.04% | 0.005% |
| 13 | 3.045 | 605 | 608 | 614 | rVB5 | 1506 | 1323 | 0.05% | 0.006% |
| 14 | 3.193 | 652 | 654 | 661 | rVB5 | 1267 | 1246 | 0.05% | 0.006% |
| 15 | 3.254 | 663 | 673 | 675 | rBV5 | 2838 | 3635 | 0.13% | 0.017% |
| 16 | 3.267 | 675 | 677 | 678 | rVV3 | 2107 | 1102 | 0.04% | 0.005% |
| 17 | 3.280 | 678 | 681 | 686 | rVV6 | 3190 | 3269 | 0.12% | 0.016% |
| 18 | 3.437 | 727 | 730 | 735 | rVB4 | 1726 | 1762 | 0.06% | 0.008% |
| 19 | 3.466 | 735 | 739 | 741 | rBV3 | 1864 | 1498 | 0.06% | 0.007% |
| 20 | 3.527 | 752 | 758 | 763 | rVB3 | 806 | 1117 | 0.04% | 0.005% |
| 21 | 3.633 | 786 | 791 | 796 | rVB4 | 1201 | 1301 | 0.05% | 0.006% |
| 22 | 3.701 | 807 | 812 | 815 | rBV3 | 1443 | 1562 | 0.06% | 0.007% |
| 23 | 3.720 | 815 | 818 | 824 | rBV4 | 1414 | 1180 | 0.04% | 0.006% |
| 24 | 3.862 | 857 | 862 | 866 | rBV5 | 1430 | 1377 | 0.05% | 0.007% |
| 25 | 4.128 | 939 | 945 | 948 | rBV3 | 1523 | 1463 | 0.05% | 0.007% |
| 26 | 4.212 | 959 | 971 | 1018 | rBV | 95108 | 537661 | 19.80% | 2.551% |
| 27 | 4.643 | 1088 | 1105 | 1137 | rBV3 | 297140 | 847926 | 31.22% | 4.023% |
| 28 | 4.881 | 1171 | 1179 | 1185 | rVB8 | 1996 | 3216 | 0.12% | 0.015% |
| 29 | 4.984 | 1209 | 1211 | 1215 | rVB4 | 1949 | 1247 | 0.05% | 0.006% |
| 30 | 5.006 | 1215 | 1218 | 1222 | rVB6 | 1462 | 1244 | 0.05% | 0.006% |
| 31 | 5.051 | 1230 | 1232 | 1239 | rVB5 | 1174 | 1154 | 0.04% | 0.005% |
| 32 | 5.328 | 1296 | 1318 | 1358 | rBV2 | 751069 | 2220279 | 81.76% | 10.533% |
| 33 | 5.630 | 1399 | 1412 | 1419 | rBV10 | 5595 | 12837 | 0.47% | 0.061% |
| 34 | 5.743 | 1441 | 1447 | 1451 | rVB7 | 1734 | 1513 | 0.06% | 0.007% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

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\SOMULM042719WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 5.881 | 1473 | 1490 | 1523 | rBV | 926490 | 2217262 | 81.65% | 10.519% |
| 36 | 6.032 | 1535 | 1537 | 1541 | rVB3 | 2760 | 1908 | 0.07% | 0.009% |
| 37 | 6.119 | 1561 | 1564 | 1568 | rVB6 | 2016 | 1629 | 0.06% | 0.008% |
| 38 | 6.183 | 1571 | 1584 | 1598 | rBV9 | 24089 | 57345 | 2.11% | 0.272% |
| 39 | 6.260 | 1603 | 1608 | 1614 | rVV9 | 4635 | 6288 | 0.23% | 0.030% |
| 40 | 6.328 | 1614 | 1629 | 1657 | rVV | 439295 | 1015177 | 37.38% | 4.816% |
| 41 | 6.495 | 1679 | 1681 | 1685 | rVB3 | 2239 | 1383 | 0.05% | 0.007% |
| 42 | 6.517 | 1685 | 1688 | 1692 | rVB3 | 1722 | 1219 | 0.04% | 0.006% |
| 43 | 6.562 | 1696 | 1702 | 1703 | rBV5 | 1356 | 1135 | 0.04% | 0.005% |
| 44 | 6.607 | 1712 | 1716 | 1723 | rBV6 | 1987 | 2140 | 0.08% | 0.010% |
| 45 | 6.749 | 1755 | 1760 | 1765 | rVB7 | 1658 | 1851 | 0.07% | 0.009% |
| 46 | 6.800 | 1770 | 1776 | 1778 | rBV2 | 1243 | 1123 | 0.04% | 0.005% |
| 47 | 6.868 | 1793 | 1797 | 1800 | rBV3 | 1590 | 1273 | 0.05% | 0.006% |
| 48 | 6.890 | 1801 | 1804 | 1808 | rBV4 | 1388 | 1150 | 0.04% | 0.005% |
| 49 | 6.980 | 1827 | 1832 | 1837 | rBV6 | 1534 | 1699 | 0.06% | 0.008% |
| 50 | 7.022 | 1842 | 1845 | 1848 | rVB3 | 1958 | 1179 | 0.04% | 0.006% |
| 51 | 7.067 | 1855 | 1859 | 1864 | rVB6 | 1389 | 1310 | 0.05% | 0.006% |
| 52 | 7.093 | 1864 | 1867 | 1871 | rVB4 | 1335 | 1127 | 0.04% | 0.005% |
| 53 | 7.160 | 1884 | 1888 | 1890 | rBV4 | 1634 | 1233 | 0.05% | 0.006% |
| 54 | 7.228 | 1896 | 1909 | 1936 | rBV2 | 197956 | 466554 | 17.18% | 2.213% |
| 55 | 7.562 | 2000 | 2013 | 2037 | rBV | 759747 | 1547032 | 56.97% | 7.339% |
| 56 | 7.855 | 2093 | 2104 | 2134 | rBV2 | 122337 | 307868 | 11.34% | 1.461% |
| 57 | 8.058 | 2164 | 2167 | 2170 | rVB4 | 2323 | 1607 | 0.06% | 0.008% |
| 58 | 8.077 | 2170 | 2173 | 2180 | rVB9 | 1320 | 1130 | 0.04% | 0.005% |
| 59 | 8.228 | 2217 | 2220 | 2225 | rVB5 | 5023 | 4315 | 0.16% | 0.020% |
| 60 | 8.276 | 2232 | 2235 | 2240 | rVB7 | 1469 | 1322 | 0.05% | 0.006% |
| 61 | 8.344 | 2240 | 2256 | 2291 | rBV | 458423 | 1257442 | 46.30% | 5.965% |
| 62 | 8.527 | 2310 | 2313 | 2315 | rBV2 | 1871 | 1499 | 0.06% | 0.007% |
| 63 | 8.704 | 2364 | 2368 | 2372 | rBV5 | 1874 | 1536 | 0.06% | 0.007% |
| 64 | 8.839 | 2407 | 2410 | 2414 | rBV4 | 1776 | 1672 | 0.06% | 0.008% |
| 65 | 8.906 | 2424 | 2431 | 2437 | rVB9 | 4855 | 5634 | 0.21% | 0.027% |
| 66 | 9.093 | 2475 | 2489 | 2525 | rBV | 1312853 | 2715711 | 100.00% | 12.883% |
| 67 | 9.340 | 2561 | 2566 | 2572 | rVB8 | 1818 | 2230 | 0.08% | 0.011% |
| 68 | 9.376 | 2572 | 2577 | 2583 | rBV8 | 2185 | 3067 | 0.11% | 0.015% |
| 69 | 9.434 | 2593 | 2595 | 2598 | rVB3 | 2050 | 1132 | 0.04% | 0.005% |
| 70 | 9.549 | 2626 | 2631 | 2635 | rBV3 | 3490 | 4314 | 0.16% | 0.020% |
| 71 | 9.607 | 2640 | 2649 | 2656 | rBV3 | 2271 | 3662 | 0.13% | 0.017% |

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
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Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

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\SOMULM042719WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.646 | 2657 | 2661 | 2663 | rBV4 | 1949 | 1352 | 0.05% | 0.006% |
| 73 | 9.691 | 2672 | 2675 | 2677 | rBV5 | 1619 | 1106 | 0.04% | 0.005% |
| 74 | 9.707 | 2677 | 2680 | 2686 | rVB8 | 3498 | 2677 | 0.10% | 0.013% |
| 75 | 9.826 | 2713 | 2717 | 2719 | rBV5 | 1708 | 1257 | 0.05% | 0.006% |
| 76 | 9.935 | 2748 | 2751 | 2753 | rVB3 | 2538 | 1544 | 0.06% | 0.007% |
| 77 | 9.948 | 2753 | 2755 | 2761 | rBV7 | 1832 | 1729 | 0.06% | 0.008% |
| 78 | 10.025 | 2774 | 2779 | 2782 | rBV6 | 1410 | 1392 | 0.05% | 0.007% |
| 79 | 10.102 | 2798 | 2803 | 2806 | rBV6 | 2003 | 1668 | 0.06% | 0.008% |
| 80 | 10.202 | 2832 | 2834 | 2838 | rVB4 | 1999 | 1202 | 0.04% | 0.006% |
| 81 | 10.289 | 2857 | 2861 | 2865 | rVB6 | 2095 | 1357 | 0.05% | 0.006% |
| 82 | 10.369 | 2883 | 2886 | 2892 | rVB7 | 1801 | 1808 | 0.07% | 0.009% |
| 83 | 10.437 | 2895 | 2907 | 2923 | rBV | 577473 | 979935 | 36.08% | 4.649% |
| 84 | 10.565 | 2943 | 2947 | 2952 | rBV8 | 4098 | 5013 | 0.18% | 0.024% |
| 85 | 10.694 | 2982 | 2987 | 2992 | rBV9 | 3757 | 4081 | 0.15% | 0.019% |
| 86 | 11.109 | 3113 | 3116 | 3118 | rBV3 | 3156 | 2310 | 0.09% | 0.011% |
| 87 | 11.154 | 3125 | 3130 | 3131 | rBV5 | 4127 | 3699 | 0.14% | 0.018% |
| 88 | 11.324 | 3180 | 3183 | 3186 | rBV5 | 2833 | 1617 | 0.06% | 0.008% |
| 89 | 11.485 | 3221 | 3233 | 3252 | rBV | 1409403 | 2248594 | 82.80% | 10.667% |
| 90 | 11.861 | 3339 | 3350 | 3371 | rBV | 727952 | 1230995 | 45.33% | 5.840% |
| 91 | 12.688 | 3603 | 3607 | 3610 | rBV5 | 6951 | 6690 | 0.25% | 0.032% |
| 92 | 13.128 | 3737 | 3744 | 3745 | rBV6 | 18853 | 22336 | 0.82% | 0.106% |
| 93 | 13.749 | 3930 | 3937 | 3944 | rBV2 | 48044 | 79491 | 2.93% | 0.377% |
| 94 | 14.138 | 4053 | 4058 | 4066 | rBV3 | 28880 | 36928 | 1.36% | 0.175% |
| 95 | 14.877 | 4278 | 4288 | 4319 | rBV2 | 232369 | 531559 | 19.57% | 2.522% |
| 96 | 15.060 | 4336 | 4345 | 4361 | rBV2 | 174565 | 369891 | 13.62% | 1.755% |
| 97 | 15.659 | 4523 | 4531 | 4540 | rVB | 174772 | 244148 | 8.99% | 1.158% |
| 98 | 15.916 | 4603 | 4611 | 4623 | rBV3 | 77103 | 158462 | 5.84% | 0.752% |
| 99 | 16.057 | 4648 | 4655 | 4662 | rBV2 | 113239 | 172344 | 6.35% | 0.818% |
| 100 | 17.218 | 5011 | 5016 | 5031 | rVB2 | 110191 | 187644 | 6.91% | 0.890% |

Sum of corrected areas: 21079555

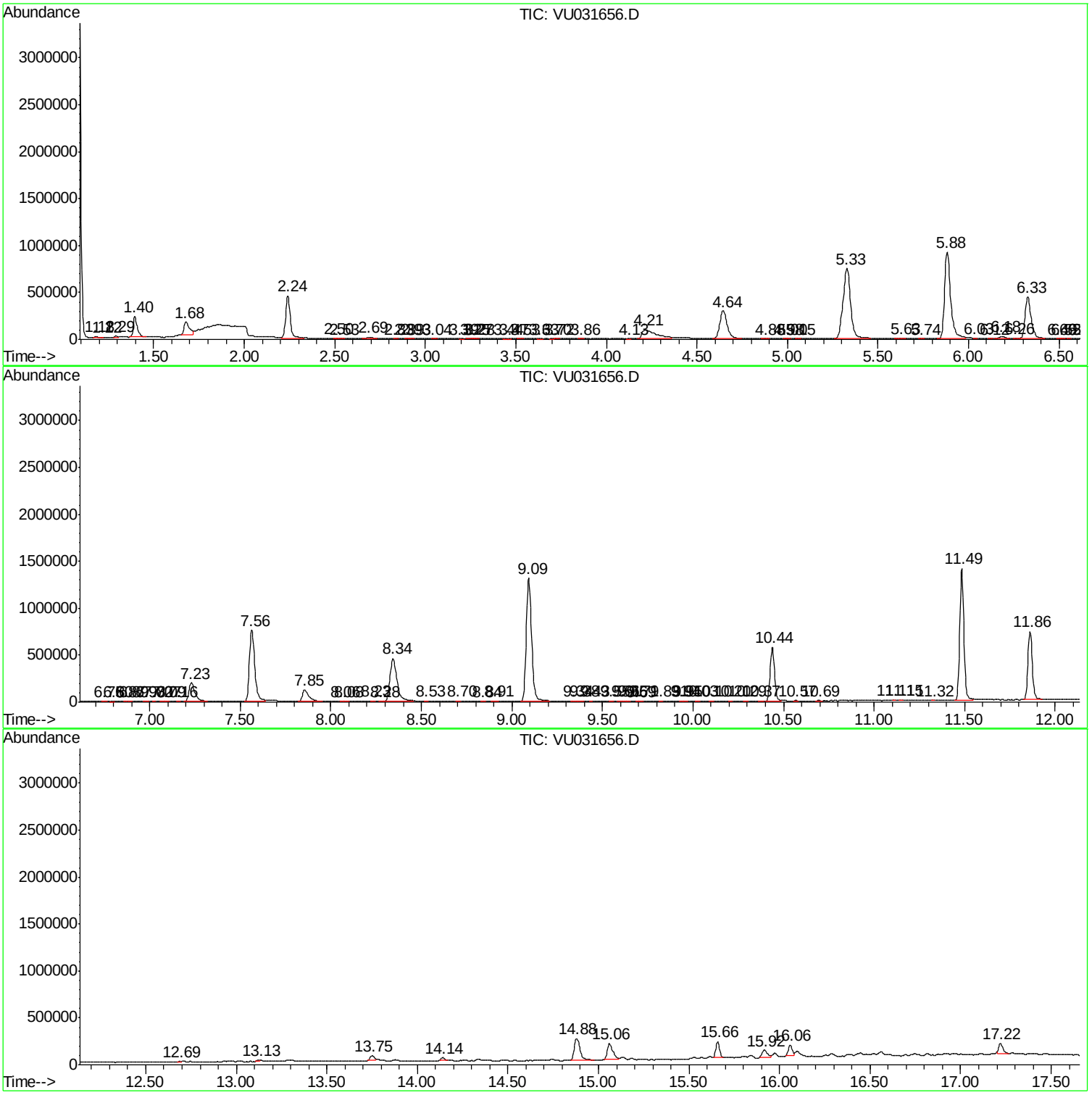
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

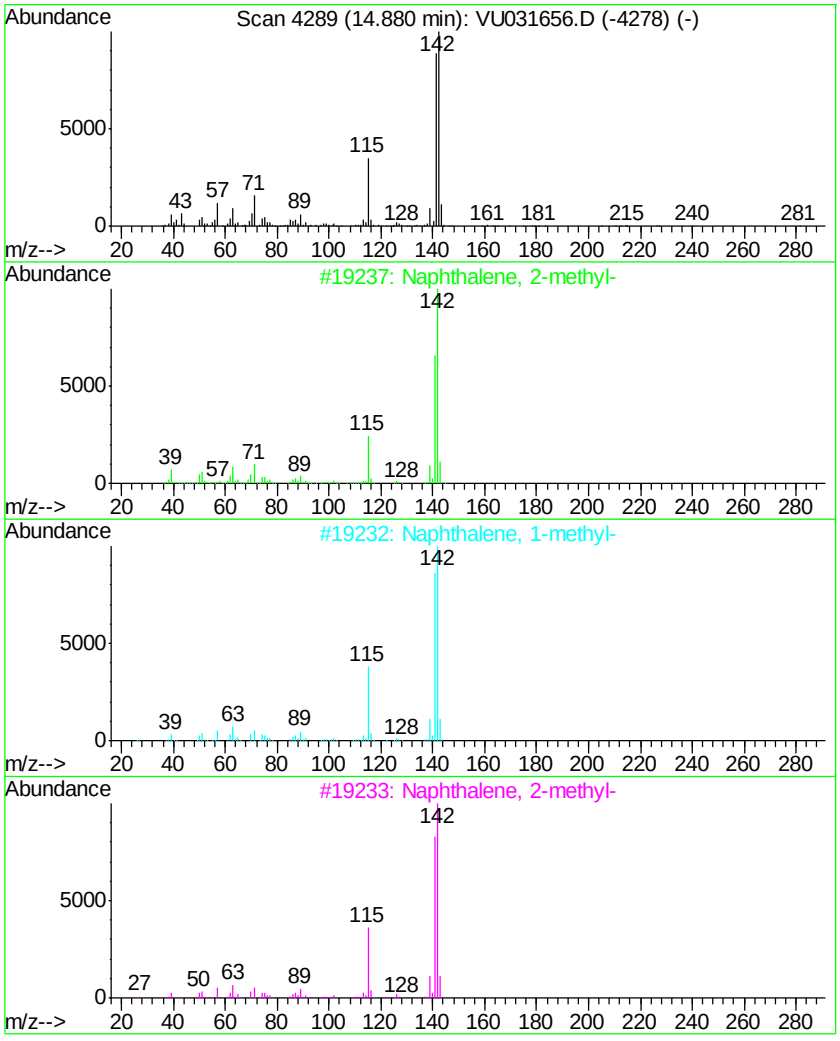
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

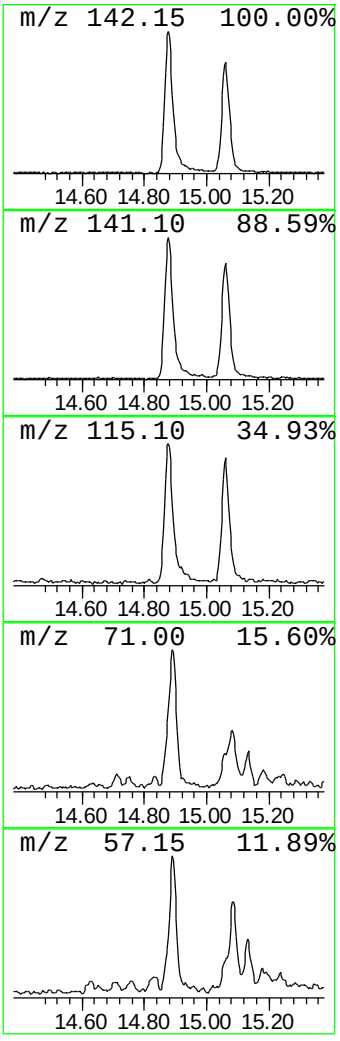
**********

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.88 | 11.82 ug/L | 531559 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 4 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 95 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |



# Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

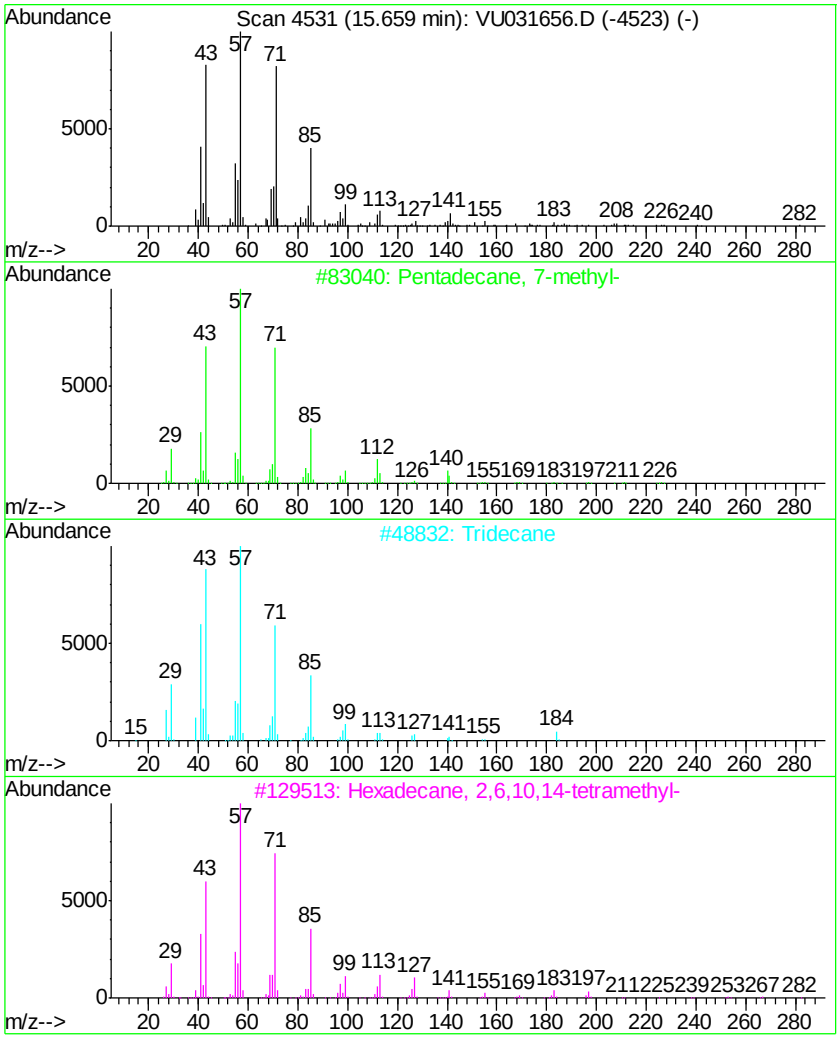
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

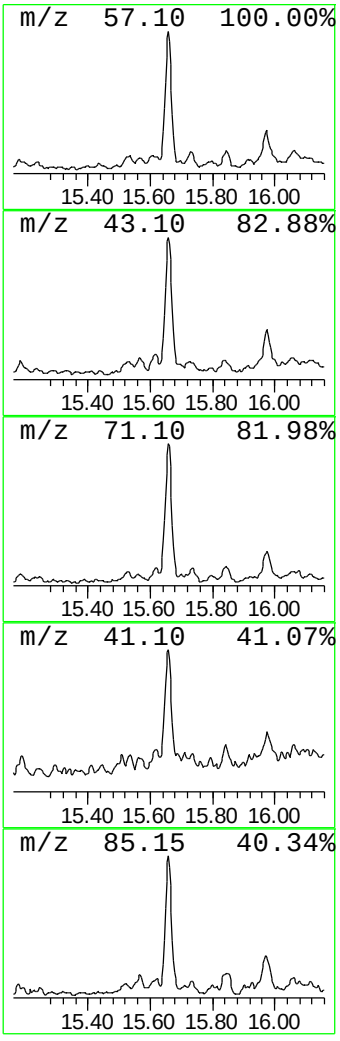
**********

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.66 | 5.43 ug/L | 244148 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 7-methyl- | 226 | C16H34 | 006165-40-8 | 93 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 3 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 86 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 86 |
| 5 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 86 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

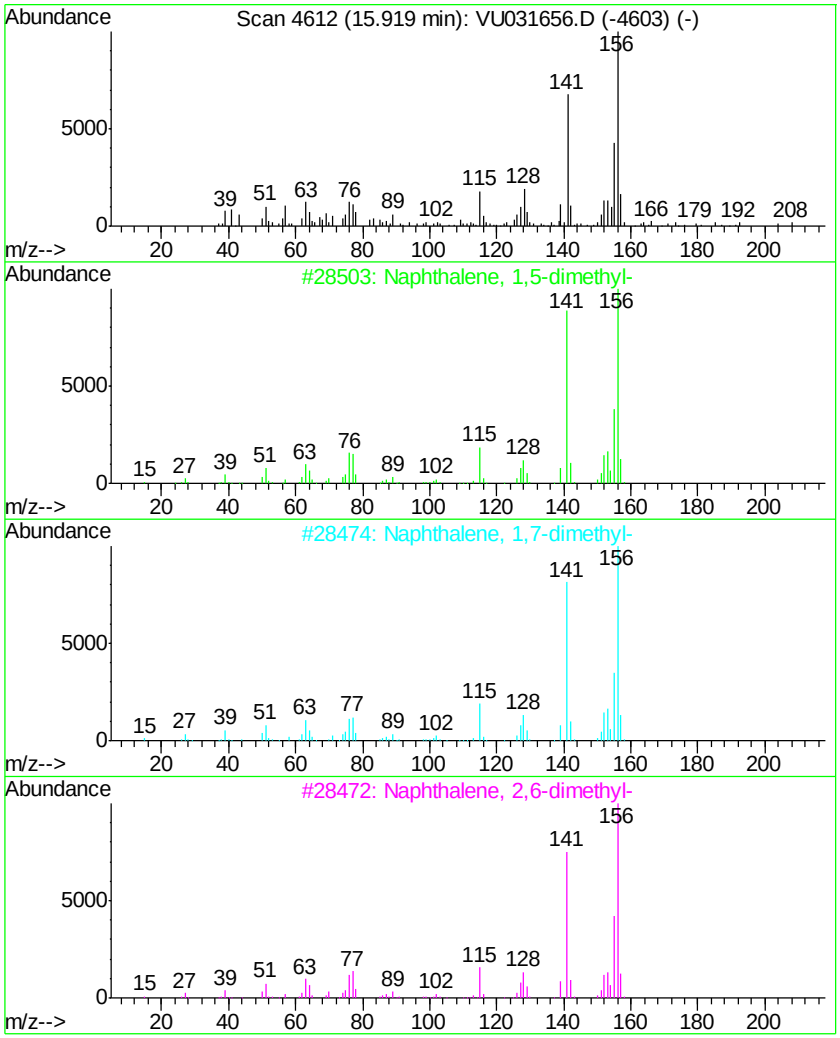
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

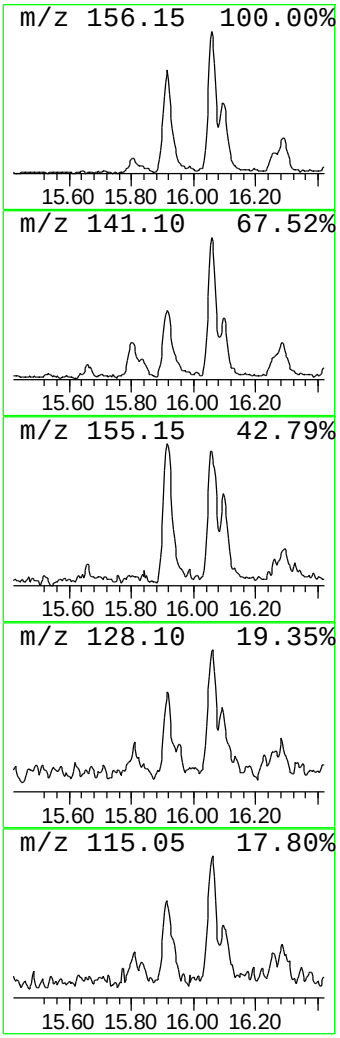
**********

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.92 | 3.52 ug/L | 158462 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 98 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

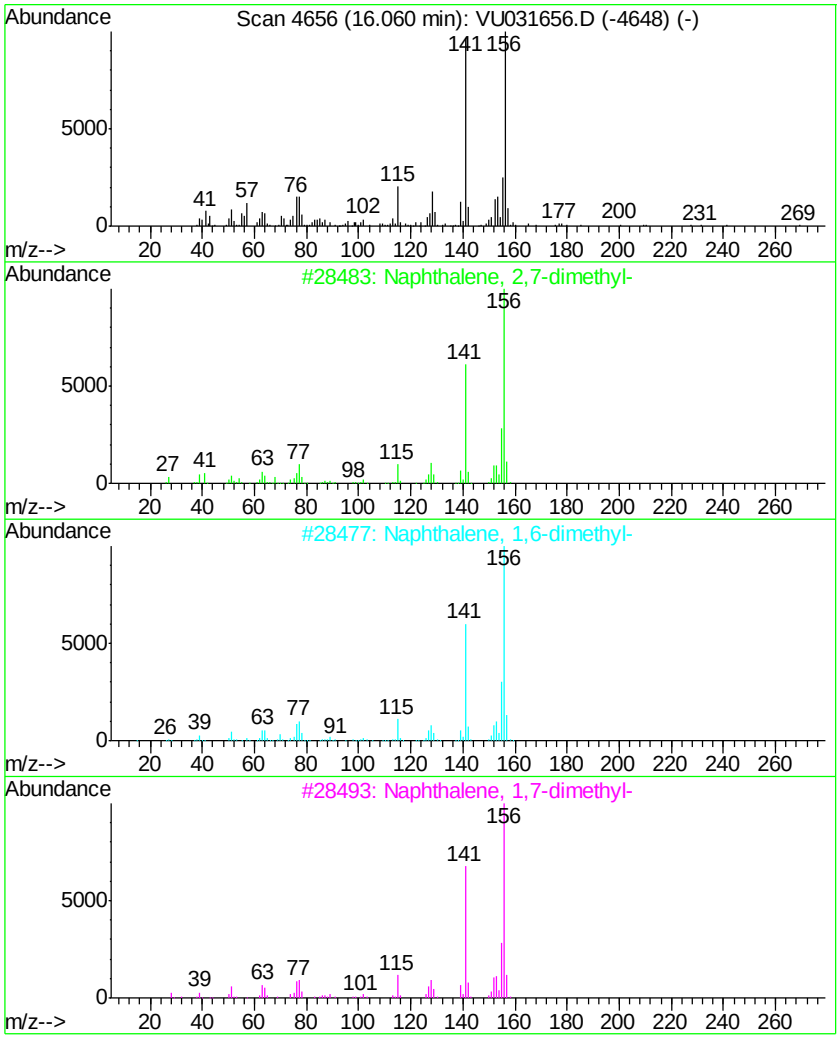
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

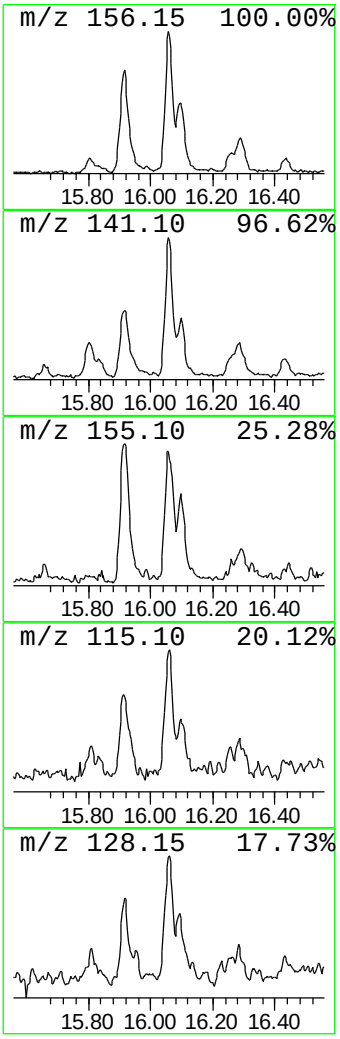
**********

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.06 | 3.83 ug/L | 172344 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

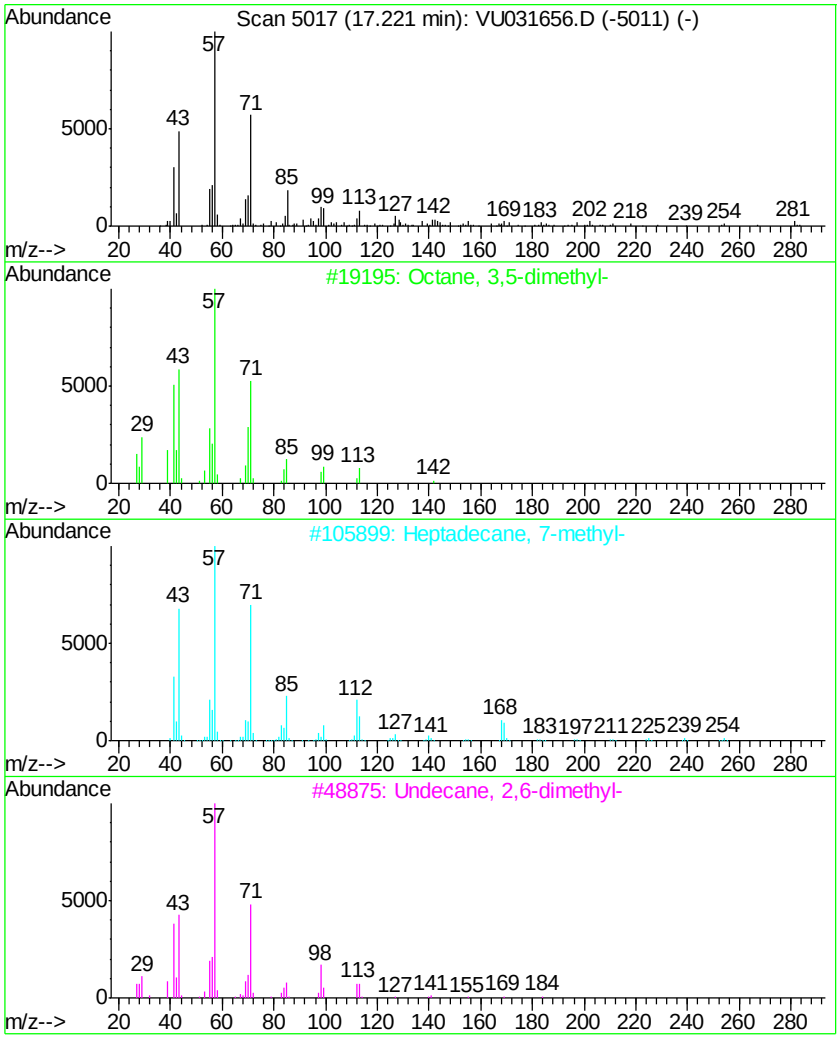
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

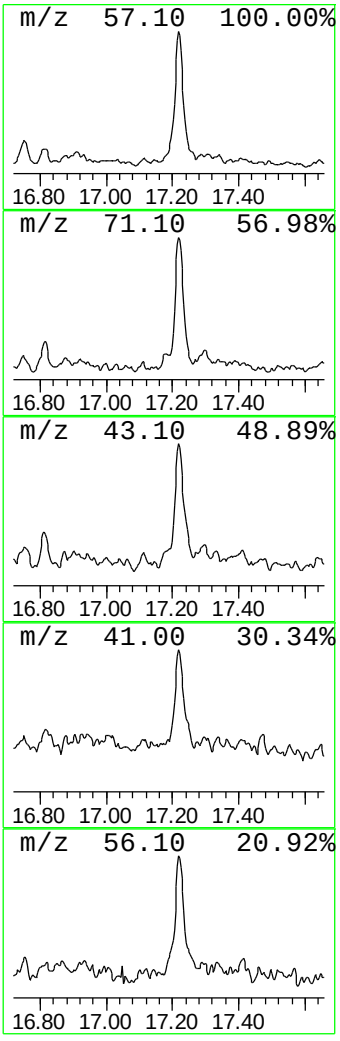
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.22 | 4.17 ug/L | 187644 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3,5-dimethyl- | 142 | C10H22 | 015869-93-9 | 83 |
| 2 | Heptadecane, 7-methyl- | 254 | C18H38 | 020959-33-5 | 62 |
| 3 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 59 |
| 4 | Undecane, 4,6-dimethyl- | 184 | C13H28 | 017312-82-2 | 53 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 47 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031656.D
Acq On : 01 May 2019 00:39
Operator : JC/SP
Sample : K2604-05
Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** GAJ79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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 |
| Naphthalene, 1-me... | 14.88 | 11.8 | ug/L | 531559 | 3 | 11.48 | 2248590 | 50.0 |
| (DEL) Alkane: Str... | 15.66 | 5.4 | ug/L | 244148 | 3 | 11.48 | 2248590 | 50.0 |
| Naphthalene, 1,5-... | 15.92 | 3.5 | ug/L | 158462 | 3 | 11.48 | 2248590 | 50.0 |
| Naphthalene, 2,7-... | 16.06 | 3.8 | ug/L | 172344 | 3 | 11.48 | 2248590 | 50.0 |
| (DEL) Alkane: Str... | 17.22 | 4.2 | ug/L | 187644 | 3 | 11.48 | 2248590 | 50.0 |