LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016824.D
Acq On : 11 Jun 2020 14:07
Operator : SY/MD
Sample : L2929-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETTW2

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\SOMVLM060820WMA.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 | 1.312 | 63 | 69 | 77 | rVB | 172641 | 175676 | 13.48% | 1.681% |
| 2 | 1.553 | 138 | 144 | 161 | rVB | 107107 | 139566 | 10.71% | 1.335% |
| 3 | 2.113 | 309 | 318 | 330 | rBV | 252253 | 360750 | 27.69% | 3.451% |
| 4 | 2.296 | 366 | 375 | 381 | rBV2 | 9651 | 19335 | 1.48% | 0.185% |
| 5 | 2.438 | 413 | 419 | 437 | rVB | 117412 | 191198 | 14.67% | 1.829% |
| 6 | 3.013 | 596 | 598 | 601 | rBV4 | 866 | 370 | 0.03% | 0.004% |
| 7 | 3.049 | 607 | 609 | 611 | rBV3 | 1244 | 583 | 0.04% | 0.006% |
| 8 | 3.110 | 626 | 628 | 629 | rBV2 | 724 | 297 | 0.02% | 0.003% |
| 9 | 3.155 | 641 | 642 | 644 | rBV2 | 993 | 549 | 0.04% | 0.005% |
| 10 | 3.325 | 692 | 695 | 697 | rVB3 | 1233 | 700 | 0.05% | 0.007% |
| 11 | 3.376 | 707 | 711 | 717 | rBV7 | 1593 | 1367 | 0.10% | 0.013% |
| 12 | 3.499 | 747 | 749 | 751 | rVB3 | 1200 | 538 | 0.04% | 0.005% |
| 13 | 3.512 | 751 | 753 | 755 | rVB3 | 789 | 375 | 0.03% | 0.004% |
| 14 | 3.534 | 756 | 760 | 762 | rBV5 | 1142 | 726 | 0.06% | 0.007% |
| 15 | 3.563 | 766 | 769 | 771 | rBV3 | 1455 | 830 | 0.06% | 0.008% |
| 16 | 3.614 | 777 | 785 | 787 | rBV9 | 1588 | 1439 | 0.11% | 0.014% |
| 17 | 3.640 | 791 | 793 | 796 | rVB4 | 1127 | 544 | 0.04% | 0.005% |
| 18 | 3.656 | 796 | 798 | 800 | rBV3 | 888 | 445 | 0.03% | 0.004% |
| 19 | 3.669 | 800 | 802 | 805 | rVB4 | 1173 | 588 | 0.05% | 0.006% |
| 20 | 3.692 | 805 | 809 | 812 | rBV4 | 1498 | 1461 | 0.11% | 0.014% |
| 21 | 3.894 | 863 | 872 | 892 | rBV | 109415 | 278882 | 21.40% | 2.668% |
| 22 | 4.209 | 967 | 970 | 976 | rBV7 | 1839 | 2352 | 0.18% | 0.023% |
| 23 | 4.251 | 980 | 983 | 984 | rBV3 | 1244 | 718 | 0.06% | 0.007% |
| 24 | 4.524 | 1061 | 1068 | 1084 | rBV3 | 15816 | 35927 | 2.76% | 0.344% |
| 25 | 4.640 | 1101 | 1104 | 1108 | rVB5 | 2331 | 2116 | 0.16% | 0.020% |
| 26 | 4.659 | 1108 | 1110 | 1111 | rBV2 | 1096 | 358 | 0.03% | 0.003% |
| 27 | 4.675 | 1113 | 1115 | 1116 | rBV2 | 1082 | 381 | 0.03% | 0.004% |
| 28 | 4.730 | 1129 | 1132 | 1138 | rVB7 | 1636 | 1240 | 0.10% | 0.012% |
| 29 | 4.756 | 1138 | 1140 | 1145 | rVB6 | 1623 | 946 | 0.07% | 0.009% |
| 30 | 4.785 | 1147 | 1149 | 1151 | rBV2 | 1591 | 845 | 0.06% | 0.008% |
| 31 | 4.865 | 1172 | 1174 | 1175 | rBV2 | 684 | 293 | 0.02% | 0.003% |
| 32 | 4.965 | 1201 | 1205 | 1208 | rBV5 | 1064 | 1106 | 0.08% | 0.011% |
| 33 | 5.068 | 1218 | 1237 | 1259 | rBV2 | 509220 | 1302975 | 100.00% | 12.466% |
| 34 | 5.637 | 1402 | 1414 | 1439 | rBV | 440872 | 876543 | 67.27% | 8.386% |

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Sample : L2929-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETTW2

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\SOMVLM060820WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.093 | 1544 | 1556 | 1579 | rVB2 | 289540 | 586794 | 45.03% | 5.614% |
| 36 | 6.495 | 1678 | 1681 | 1683 | rBV4 | 1317 | 793 | 0.06% | 0.008% |
| 37 | 6.566 | 1699 | 1703 | 1705 | rBV4 | 1580 | 1259 | 0.10% | 0.012% |
| 38 | 6.634 | 1716 | 1724 | 1735 | rBV4 | 15506 | 26978 | 2.07% | 0.258% |
| 39 | 6.859 | 1792 | 1794 | 1796 | rBV3 | 1124 | 598 | 0.05% | 0.006% |
| 40 | 6.920 | 1811 | 1813 | 1815 | rBV3 | 728 | 357 | 0.03% | 0.003% |
| 41 | 7.007 | 1829 | 1840 | 1855 | rBV | 172557 | 302967 | 23.25% | 2.899% |
| 42 | 7.338 | 1931 | 1943 | 1958 | rBV | 593673 | 1012932 | 77.74% | 9.691% |
| 43 | 7.640 | 2028 | 2037 | 2053 | rBV2 | 125917 | 216904 | 16.65% | 2.075% |
| 44 | 7.817 | 2090 | 2092 | 2095 | rVB4 | 2717 | 1310 | 0.10% | 0.013% |
| 45 | 7.852 | 2099 | 2103 | 2105 | rBV4 | 1936 | 1693 | 0.13% | 0.016% |
| 46 | 7.920 | 2121 | 2124 | 2126 | rBV4 | 1249 | 987 | 0.08% | 0.009% |
| 47 | 7.958 | 2126 | 2136 | 2144 | rVV5 | 8776 | 15161 | 1.16% | 0.145% |
| 48 | 8.109 | 2172 | 2183 | 2211 | rBV | 377133 | 700084 | 53.73% | 6.698% |
| 49 | 8.396 | 2263 | 2272 | 2287 | rBV2 | 28089 | 70848 | 5.44% | 0.678% |
| 50 | 8.871 | 2410 | 2420 | 2440 | rBV | 671972 | 1079243 | 82.83% | 10.326% |
| 51 | 9.553 | 2629 | 2632 | 2633 | rBV3 | 2060 | 989 | 0.08% | 0.009% |
| 52 | 9.685 | 2666 | 2673 | 2683 | rBV2 | 13339 | 27450 | 2.11% | 0.263% |
| 53 | 10.084 | 2795 | 2797 | 2799 | rVB3 | 1300 | 445 | 0.03% | 0.004% |
| 54 | 10.177 | 2823 | 2826 | 2829 | rBV4 | 1564 | 1179 | 0.09% | 0.011% |
| 55 | 10.238 | 2833 | 2845 | 2860 | rVV | 426374 | 664325 | 50.99% | 6.356% |
| 56 | 10.743 | 2997 | 3002 | 3004 | rBV4 | 2389 | 1598 | 0.12% | 0.015% |
| 57 | 11.270 | 3155 | 3166 | 3182 | rBV | 774350 | 1177009 | 90.33% | 11.261% |
| 58 | 11.646 | 3271 | 3283 | 3303 | rBV | 715414 | 1114875 | 85.56% | 10.667% |
| 59 | 11.897 | 3359 | 3361 | 3363 | rBV3 | 1763 | 1042 | 0.08% | 0.010% |
| 60 | 11.942 | 3367 | 3375 | 3376 | rBV8 | 1797 | 2298 | 0.18% | 0.022% |
| 61 | 12.035 | 3402 | 3404 | 3406 | rBV3 | 1600 | 725 | 0.06% | 0.007% |
| 62 | 12.071 | 3413 | 3415 | 3418 | rBV4 | 813 | 374 | 0.03% | 0.004% |
| 63 | 12.116 | 3425 | 3429 | 3432 | rBV5 | 1294 | 958 | 0.07% | 0.009% |
| 64 | 12.164 | 3442 | 3444 | 3447 | rBV4 | 1421 | 791 | 0.06% | 0.008% |
| 65 | 12.251 | 3468 | 3471 | 3472 | rBV3 | 1832 | 1089 | 0.08% | 0.010% |
| 66 | 12.463 | 3535 | 3537 | 3539 | rBV4 | 1569 | 975 | 0.07% | 0.009% |
| 67 | 12.572 | 3568 | 3571 | 3574 | rBV5 | 1241 | 942 | 0.07% | 0.009% |
| 68 | 12.598 | 3577 | 3579 | 3583 | rBV5 | 898 | 553 | 0.04% | 0.005% |
| 69 | 12.633 | 3586 | 3590 | 3592 | rBV4 | 1514 | 1446 | 0.11% | 0.014% |
| 70 | 12.672 | 3600 | 3602 | 3604 | rVB2 | 1330 | 740 | 0.06% | 0.007% |
| 71 | 12.720 | 3613 | 3617 | 3618 | rBV3 | 925 | 622 | 0.05% | 0.006% |

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Sample : L2929-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** ETTW2

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\SOMVLM060820WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.765 | 3625 | 3631 | 3632 | rBV5 | 2731 | 2464 | 0.19% | 0.024% |
| 73 | 12.807 | 3641 | 3644 | 3647 | rBV5 | 869 | 569 | 0.04% | 0.005% |
| 74 | 13.055 | 3717 | 3721 | 3723 | rBV5 | 1547 | 1062 | 0.08% | 0.010% |
| 75 | 13.128 | 3741 | 3744 | 3745 | rBV4 | 1370 | 739 | 0.06% | 0.007% |
| 76 | 13.157 | 3751 | 3753 | 3757 | rBV4 | 1480 | 948 | 0.07% | 0.009% |
| 77 | 13.321 | 3798 | 3804 | 3805 | rBV5 | 1704 | 1334 | 0.10% | 0.013% |
| 78 | 13.373 | 3817 | 3820 | 3822 | rBV3 | 1308 | 979 | 0.08% | 0.009% |
| 79 | 13.598 | 3885 | 3890 | 3893 | rBV6 | 1938 | 1792 | 0.14% | 0.017% |
| 80 | 13.637 | 3897 | 3902 | 3905 | rBV6 | 2355 | 1919 | 0.15% | 0.018% |
| 81 | 13.691 | 3913 | 3919 | 3920 | rBV5 | 1588 | 1517 | 0.12% | 0.015% |
| 82 | 13.736 | 3927 | 3933 | 3938 | rBV5 | 1494 | 1913 | 0.15% | 0.018% |
| 83 | 13.781 | 3945 | 3947 | 3949 | rBV3 | 1660 | 940 | 0.07% | 0.009% |
| 84 | 13.833 | 3960 | 3963 | 3966 | rBV4 | 1352 | 985 | 0.08% | 0.009% |
| 85 | 13.910 | 3985 | 3987 | 3991 | rBV4 | 1930 | 1451 | 0.11% | 0.014% |
| 86 | 14.003 | 4014 | 4016 | 4018 | rBV3 | 1586 | 648 | 0.05% | 0.006% |
| 87 | 14.048 | 4028 | 4030 | 4032 | rBV2 | 1283 | 619 | 0.05% | 0.006% |
| 88 | 14.093 | 4042 | 4044 | 4048 | rVB5 | 1252 | 536 | 0.04% | 0.005% |
| 89 | 14.196 | 4074 | 4076 | 4078 | rBV2 | 1502 | 1016 | 0.08% | 0.010% |
| 90 | 14.399 | 4136 | 4139 | 4146 | rBV8 | 1598 | 1400 | 0.11% | 0.013% |
| 91 | 14.434 | 4148 | 4150 | 4152 | rBV3 | 1411 | 614 | 0.05% | 0.006% |
| 92 | 14.460 | 4156 | 4158 | 4159 | rBV2 | 1377 | 594 | 0.05% | 0.006% |
| 93 | 14.485 | 4164 | 4166 | 4168 | rBV3 | 1189 | 597 | 0.05% | 0.006% |
| 94 | 14.636 | 4211 | 4213 | 4214 | rBV2 | 850 | 438 | 0.03% | 0.004% |
| 95 | 14.723 | 4238 | 4240 | 4242 | rVB3 | 1312 | 455 | 0.03% | 0.004% |
| 96 | 14.739 | 4242 | 4245 | 4248 | rBV5 | 1509 | 1244 | 0.10% | 0.012% |
| 97 | 14.890 | 4289 | 4292 | 4293 | rBV3 | 1532 | 855 | 0.07% | 0.008% |
| 98 | 15.646 | 4524 | 4527 | 4528 | rBV3 | 1908 | 1029 | 0.08% | 0.010% |
| 99 | 15.890 | 4601 | 4603 | 4604 | rBV2 | 1214 | 565 | 0.04% | 0.005% |
| 100 | 15.942 | 4617 | 4619 | 4622 | rBV4 | 2371 | 1407 | 0.11% | 0.013% |

Sum of corrected areas: 10451981

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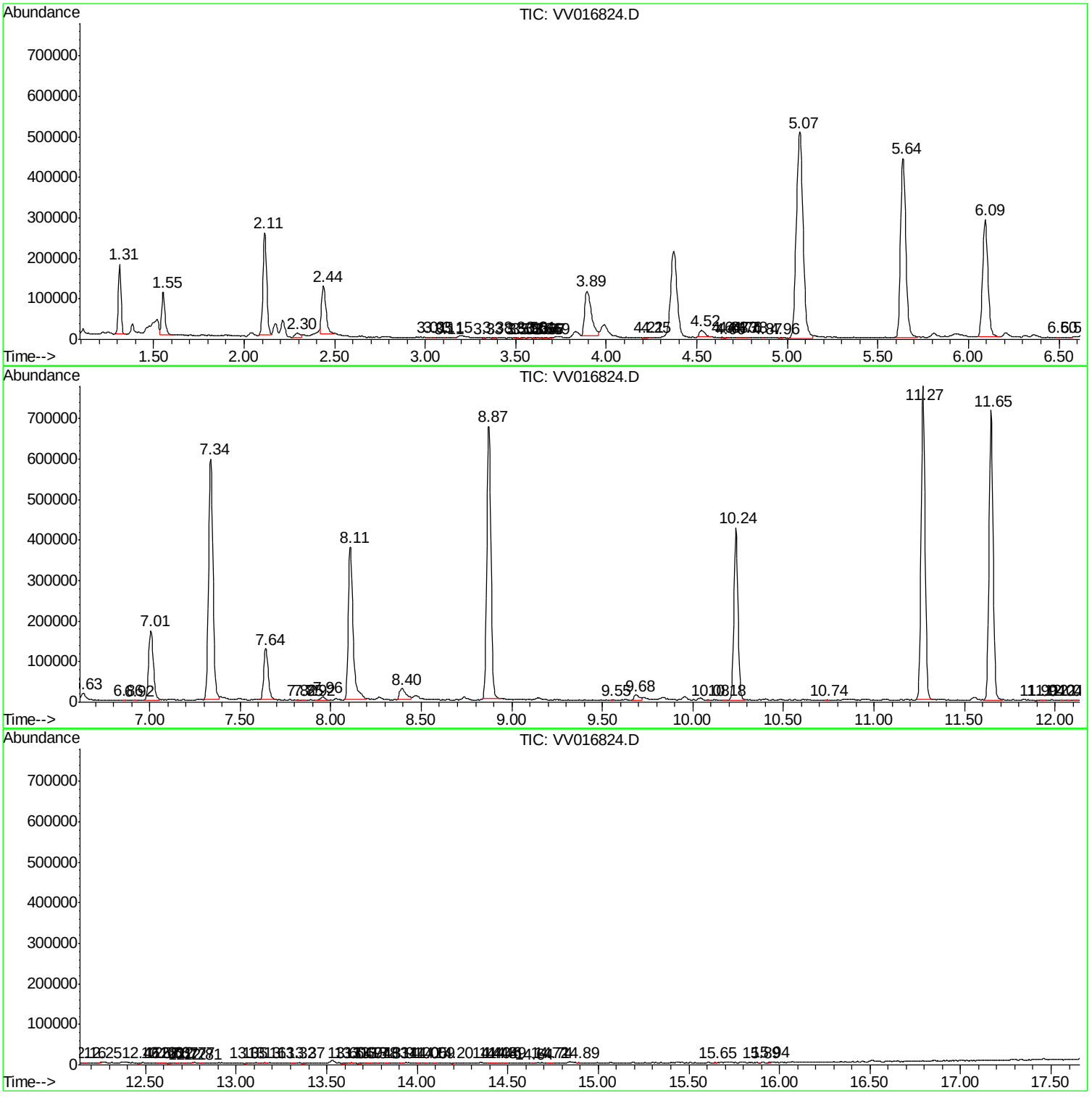
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
ETTW2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

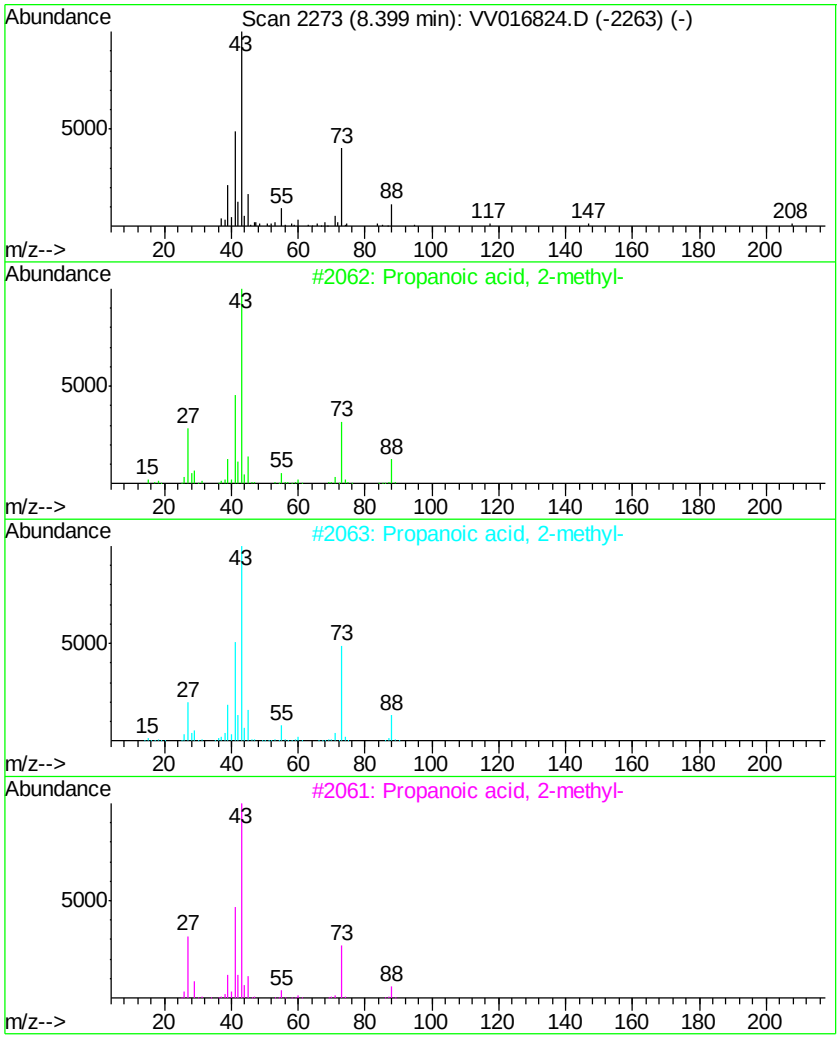
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

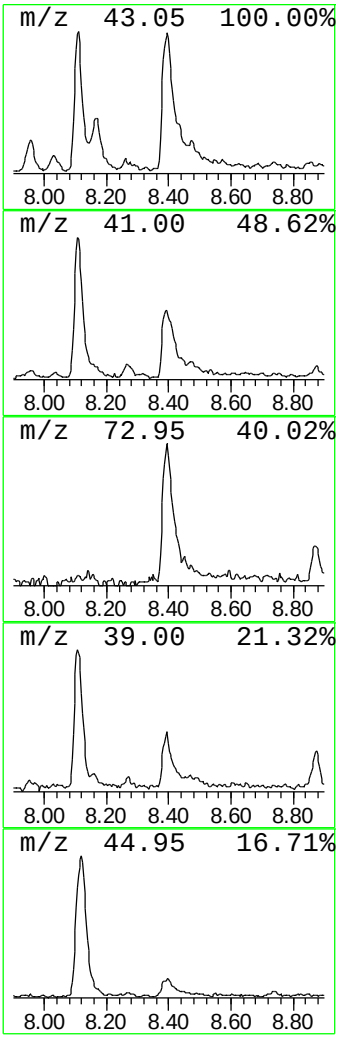
**********

Peak Number 2 Propanoic acid, 2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.40 | 3.28 ug/L | 70848 | Chlorobenzene-d5 | 8.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 81 |
| 2 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 81 |
| 3 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 64 |
| 4 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 58 |
| 5 | CH3C(O)CH2CH2OH | 88 | C4H8O2 | 000590-90-9 | 58 |



Tentatively Identified Compound (LSC) summary

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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 |
| Propanoic acid, 2... | 8.40 | 3.3 | ug/L | 70848 | 2 | 8.87 | 1079240 | 50.0 |