LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060421\
Data File : VV021503.D
Acq On : 04 Jun 2021 13:44
Operator : SY/MD
Sample : M2605-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BG7H9

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\SFAMVLM052721WMA.M
Title : VOC Analysis

Signal : TIC: VV021503.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.307 | 76 | 83 | 96 | rVB | 177730 | 181785 | 12.06% | 1.472% |
| 2 | 1.568 | 157 | 164 | 175 | rVB | 141574 | 156214 | 10.37% | 1.265% |
| 3 | 2.108 | 322 | 332 | 348 | rBV | 306200 | 454614 | 30.17% | 3.680% |
| 4 | 2.805 | 547 | 549 | 551 | rBV2 | 230 | 141 | 0.01% | 0.001% |
| 5 | 2.873 | 568 | 570 | 576 | rVB2 | 416 | 251 | 0.02% | 0.002% |
| 6 | 2.905 | 576 | 580 | 585 | rBV2 | 444 | 355 | 0.02% | 0.003% |
| 7 | 2.940 | 589 | 591 | 592 | rBV | 309 | 134 | 0.01% | 0.001% |
| 8 | 3.121 | 642 | 647 | 652 | rBV4 | 376 | 461 | 0.03% | 0.004% |
| 9 | 3.162 | 659 | 660 | 664 | rVB2 | 341 | 206 | 0.01% | 0.002% |
| 10 | 3.188 | 664 | 668 | 672 | rBV | 370 | 286 | 0.02% | 0.002% |
| 11 | 3.227 | 678 | 680 | 685 | rVB2 | 272 | 158 | 0.01% | 0.001% |
| 12 | 3.249 | 685 | 687 | 690 | rBV | 366 | 162 | 0.01% | 0.001% |
| 13 | 3.294 | 700 | 701 | 706 | rBV2 | 268 | 204 | 0.01% | 0.002% |
| 14 | 3.342 | 714 | 716 | 718 | rBV2 | 284 | 155 | 0.01% | 0.001% |
| 15 | 3.394 | 729 | 732 | 735 | rBV | 493 | 270 | 0.02% | 0.002% |
| 16 | 3.416 | 735 | 739 | 741 | rBV3 | 346 | 268 | 0.02% | 0.002% |
| 17 | 3.584 | 789 | 791 | 794 | rBV2 | 248 | 151 | 0.01% | 0.001% |
| 18 | 3.600 | 794 | 796 | 798 | rBV | 229 | 144 | 0.01% | 0.001% |
| 19 | 3.670 | 814 | 818 | 819 | rBV | 328 | 185 | 0.01% | 0.001% |
| 20 | 3.764 | 839 | 847 | 848 | rBV3 | 1122 | 1139 | 0.08% | 0.009% |
| 21 | 3.886 | 874 | 885 | 923 | rBV | 120731 | 359317 | 23.84% | 2.909% |
| 22 | 4.352 | 1012 | 1030 | 1060 | rBV | 242022 | 602451 | 39.98% | 4.877% |
| 23 | 4.619 | 1110 | 1113 | 1114 | rBV | 320 | 149 | 0.01% | 0.001% |
| 24 | 4.812 | 1172 | 1173 | 1178 | rVV | 314 | 242 | 0.02% | 0.002% |
| 25 | 4.834 | 1178 | 1180 | 1183 | rVV2 | 313 | 226 | 0.01% | 0.002% |
| 26 | 4.956 | 1214 | 1218 | 1220 | rVB2 | 509 | 293 | 0.02% | 0.002% |
| 27 | 4.969 | 1220 | 1222 | 1227 | rBV2 | 251 | 177 | 0.01% | 0.001% |
| 28 | 5.050 | 1227 | 1247 | 1283 | rBV2 | 585593 | 1507066 | 100.00% | 12.200% |
| 29 | 5.352 | 1338 | 1341 | 1346 | rBV2 | 387 | 335 | 0.02% | 0.003% |
| 30 | 5.484 | 1379 | 1382 | 1385 | rBV3 | 547 | 404 | 0.03% | 0.003% |
| 31 | 5.551 | 1397 | 1403 | 1405 | rBV3 | 390 | 275 | 0.02% | 0.002% |
| 32 | 5.574 | 1405 | 1410 | 1411 | rBV3 | 363 | 256 | 0.02% | 0.002% |
| 33 | 5.619 | 1412 | 1424 | 1459 | rBV | 500948 | 1010820 | 67.07% | 8.183% |
| 34 | 5.908 | 1503 | 1514 | 1537 | rBV2 | 29860 | 65364 | 4.34% | 0.529% |
| 35 | 6.072 | 1551 | 1565 | 1593 | rBV | 332090 | 678599 | 45.03% | 5.494% |
| 36 | 6.300 | 1634 | 1636 | 1638 | rBV2 | 336 | 151 | 0.01% | 0.001% |

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Sample : M2605-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BG7H9

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\SFAMVLM052721WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.320 | 1638 | 1642 | 1644 | rVV2 | 387 | 260 | 0.02% | 0.002% |
| 38 | 6.426 | 1671 | 1675 | 1678 | rBV2 | 463 | 312 | 0.02% | 0.003% |
| 39 | 6.458 | 1684 | 1685 | 1690 | rVB2 | 542 | 298 | 0.02% | 0.002% |
| 40 | 6.481 | 1690 | 1692 | 1694 | rBV2 | 445 | 182 | 0.01% | 0.001% |
| 41 | 6.497 | 1694 | 1697 | 1700 | rBV3 | 283 | 254 | 0.02% | 0.002% |
| 42 | 6.526 | 1703 | 1706 | 1708 | rBV | 796 | 456 | 0.03% | 0.004% |
| 43 | 6.635 | 1732 | 1740 | 1746 | rBV5 | 1660 | 2950 | 0.20% | 0.024% |
| 44 | 6.747 | 1771 | 1775 | 1778 | rBV6 | 537 | 476 | 0.03% | 0.004% |
| 45 | 6.808 | 1792 | 1794 | 1797 | rVB2 | 382 | 159 | 0.01% | 0.001% |
| 46 | 6.989 | 1839 | 1850 | 1881 | rBV | 208161 | 377765 | 25.07% | 3.058% |
| 47 | 7.316 | 1940 | 1952 | 1971 | rBV | 716373 | 1264243 | 83.89% | 10.235% |
| 48 | 7.625 | 2037 | 2048 | 2077 | rBV | 140498 | 252020 | 16.72% | 2.040% |
| 49 | 7.799 | 2100 | 2102 | 2105 | rBV3 | 572 | 332 | 0.02% | 0.003% |
| 50 | 7.870 | 2122 | 2124 | 2128 | rVB3 | 503 | 324 | 0.02% | 0.003% |
| 51 | 7.940 | 2138 | 2146 | 2151 | rBV4 | 2424 | 3626 | 0.24% | 0.029% |
| 52 | 7.982 | 2152 | 2159 | 2172 | rVB4 | 9317 | 15549 | 1.03% | 0.126% |
| 53 | 8.040 | 2172 | 2177 | 2178 | rBV | 282 | 210 | 0.01% | 0.002% |
| 54 | 8.088 | 2182 | 2192 | 2234 | rBV | 424774 | 802788 | 53.27% | 6.499% |
| 55 | 8.361 | 2274 | 2277 | 2279 | rBV3 | 479 | 328 | 0.02% | 0.003% |
| 56 | 8.435 | 2298 | 2300 | 2302 | rBV | 389 | 200 | 0.01% | 0.002% |
| 57 | 8.493 | 2315 | 2318 | 2320 | rBV3 | 415 | 198 | 0.01% | 0.002% |
| 58 | 8.545 | 2331 | 2334 | 2336 | rVV3 | 439 | 226 | 0.01% | 0.002% |
| 59 | 8.853 | 2417 | 2430 | 2457 | rBV | 739979 | 1206221 | 80.04% | 9.765% |
| 60 | 9.078 | 2499 | 2500 | 2503 | rVB2 | 594 | 153 | 0.01% | 0.001% |
| 61 | 9.152 | 2516 | 2523 | 2530 | rBV4 | 1146 | 1687 | 0.11% | 0.014% |
| 62 | 9.246 | 2550 | 2552 | 2555 | rVB2 | 412 | 165 | 0.01% | 0.001% |
| 63 | 9.265 | 2555 | 2558 | 2559 | rBV | 245 | 162 | 0.01% | 0.001% |
| 64 | 9.291 | 2564 | 2566 | 2570 | rVB2 | 204 | 134 | 0.01% | 0.001% |
| 65 | 9.368 | 2586 | 2590 | 2592 | rBV2 | 268 | 141 | 0.01% | 0.001% |
| 66 | 9.455 | 2615 | 2617 | 2620 | rBV3 | 220 | 153 | 0.01% | 0.001% |
| 67 | 9.516 | 2634 | 2636 | 2642 | rVB2 | 424 | 261 | 0.02% | 0.002% |
| 68 | 9.548 | 2642 | 2646 | 2652 | rBV | 691 | 672 | 0.04% | 0.005% |
| 69 | 9.577 | 2652 | 2655 | 2658 | rVB2 | 365 | 228 | 0.02% | 0.002% |
| 70 | 9.612 | 2658 | 2666 | 2670 | rBV5 | 459 | 479 | 0.03% | 0.004% |
| 71 | 9.670 | 2681 | 2684 | 2687 | rBV2 | 366 | 284 | 0.02% | 0.002% |
| 72 | 9.722 | 2696 | 2700 | 2703 | rBV | 337 | 183 | 0.01% | 0.001% |
| 73 | 9.760 | 2707 | 2712 | 2713 | rBV2 | 306 | 223 | 0.01% | 0.002% |
| 74 | 9.828 | 2725 | 2733 | 2739 | rBV6 | 1481 | 2436 | 0.16% | 0.020% |
| 75 | 9.895 | 2750 | 2754 | 2760 | rVB3 | 351 | 311 | 0.02% | 0.003% |
| 76 | 9.940 | 2760 | 2768 | 2774 | rBV3 | 447 | 621 | 0.04% | 0.005% |

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Sample : M2605-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** MSVOA_V
**ClientSampleId :** BG7H9

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\SFAMVLM052721WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 9.998 | 2783 | 2786 | 2789 | rBV2 | 288 | 166 | 0.01% | 0.001% |
| 78 | 10.030 | 2789 | 2796 | 2800 | rBV4 | 558 | 578 | 0.04% | 0.005% |
| 79 | 10.123 | 2816 | 2825 | 2837 | rBV4 | 3433 | 5567 | 0.37% | 0.045% |
| 80 | 10.217 | 2841 | 2854 | 2873 | rBV | 479443 | 758387 | 50.32% | 6.140% |
| 81 | 10.458 | 2922 | 2929 | 2931 | rBV3 | 580 | 664 | 0.04% | 0.005% |
| 82 | 10.522 | 2945 | 2949 | 2950 | rBV | 268 | 132 | 0.01% | 0.001% |
| 83 | 10.551 | 2953 | 2958 | 2959 | rBV3 | 613 | 554 | 0.04% | 0.004% |
| 84 | 10.696 | 3001 | 3003 | 3008 | rBV2 | 273 | 208 | 0.01% | 0.002% |
| 85 | 10.808 | 3037 | 3038 | 3041 | rBV2 | 238 | 140 | 0.01% | 0.001% |
| 86 | 10.831 | 3042 | 3045 | 3052 | rVB2 | 536 | 424 | 0.03% | 0.003% |
| 87 | 10.924 | 3065 | 3074 | 3076 | rBV5 | 3313 | 4757 | 0.32% | 0.039% |
| 88 | 11.114 | 3129 | 3133 | 3135 | rBV2 | 321 | 237 | 0.02% | 0.002% |
| 89 | 11.152 | 3138 | 3145 | 3151 | rVV6 | 2180 | 2971 | 0.20% | 0.024% |
| 90 | 11.249 | 3164 | 3175 | 3207 | rBV | 874611 | 1332855 | 88.44% | 10.790% |
| 91 | 11.516 | 3251 | 3258 | 3260 | rBV4 | 644 | 580 | 0.04% | 0.005% |
| 92 | 11.625 | 3280 | 3292 | 3317 | rBV | 806909 | 1276266 | 84.69% | 10.332% |
| 93 | 11.844 | 3357 | 3360 | 3364 | rBV3 | 803 | 729 | 0.05% | 0.006% |
| 94 | 11.950 | 3388 | 3393 | 3394 | rBV | 223 | 170 | 0.01% | 0.001% |
| 95 | 11.992 | 3403 | 3406 | 3408 | rBV2 | 519 | 304 | 0.02% | 0.002% |
| 96 | 12.085 | 3432 | 3435 | 3438 | rBV2 | 499 | 418 | 0.03% | 0.003% |
| 97 | 12.156 | 3452 | 3457 | 3460 | rBV3 | 515 | 457 | 0.03% | 0.004% |
| 98 | 12.207 | 3469 | 3473 | 3475 | rBV | 325 | 293 | 0.02% | 0.002% |
| 99 | 12.358 | 3513 | 3520 | 3529 | rVB7 | 3082 | 4396 | 0.29% | 0.036% |
| 100 | 12.853 | 3671 | 3674 | 3677 | rBV2 | 290 | 205 | 0.01% | 0.002% |

Sum of corrected areas: 12352536

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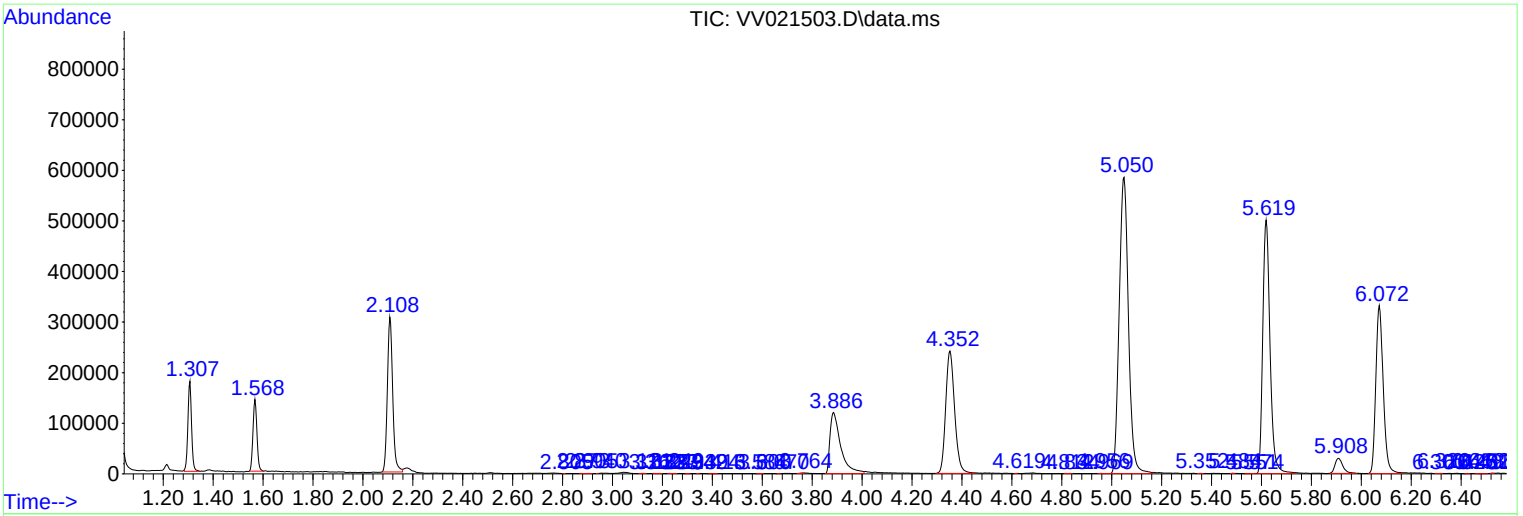
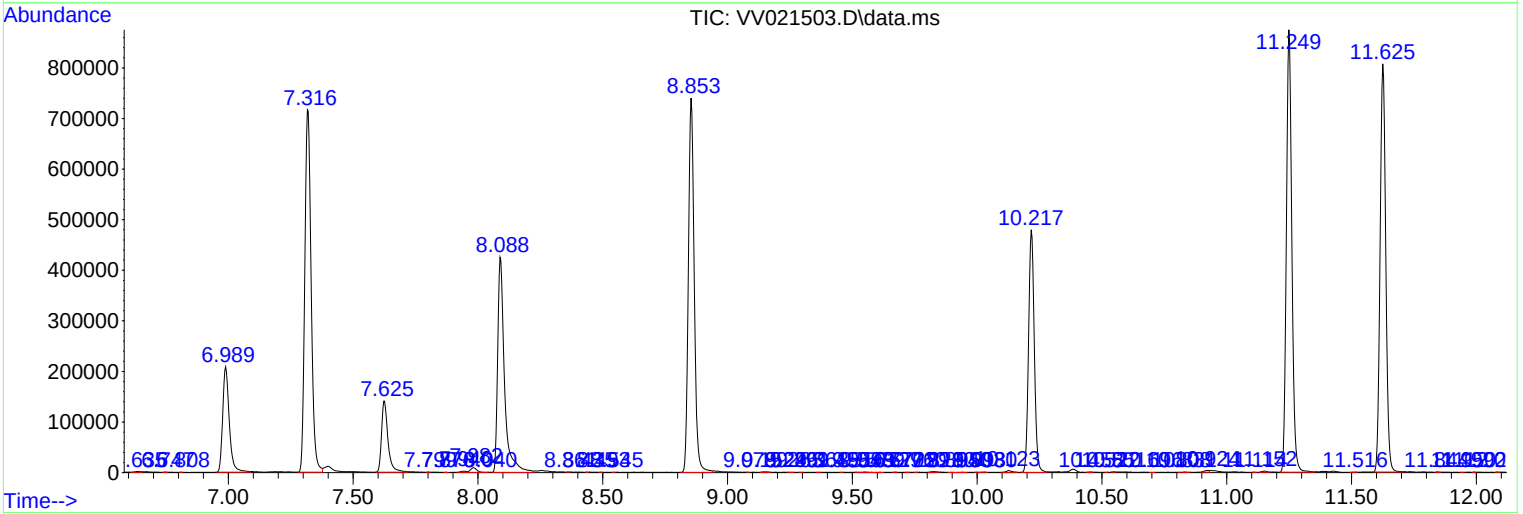
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

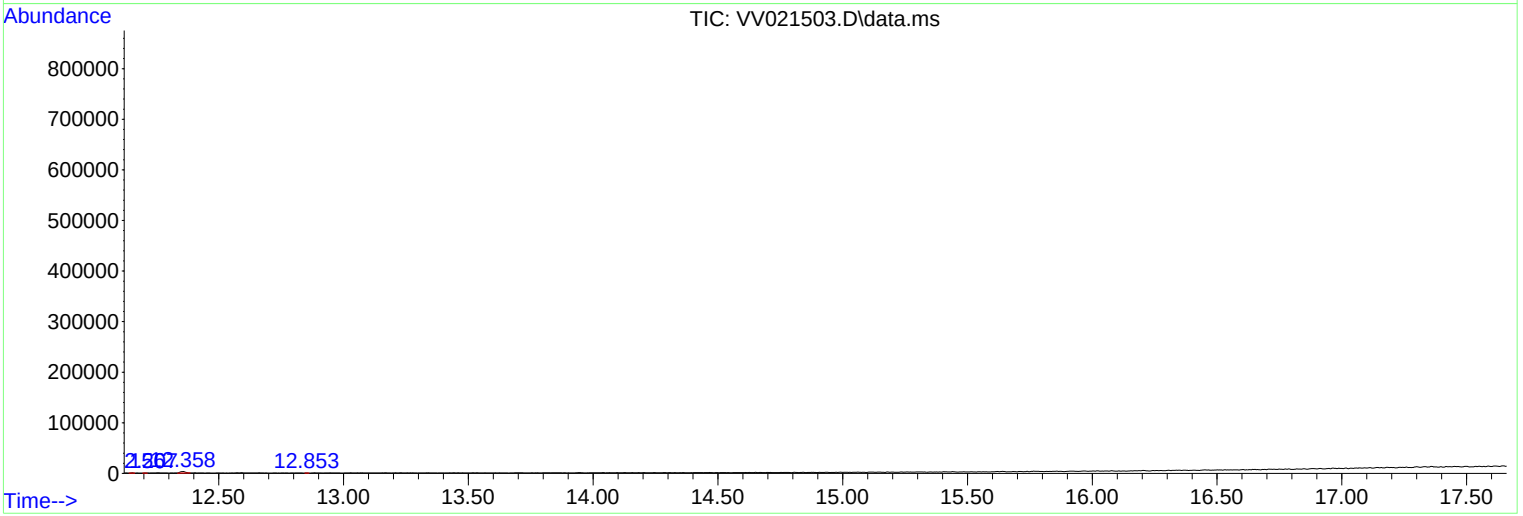
**Instrument :**
MSVOA_V
**ClientSampleId :**
BG7H9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
Quant Title : VOC Analysis

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



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**Instrument :** MSVOA_V
**ClientSampleId :** BG7H9

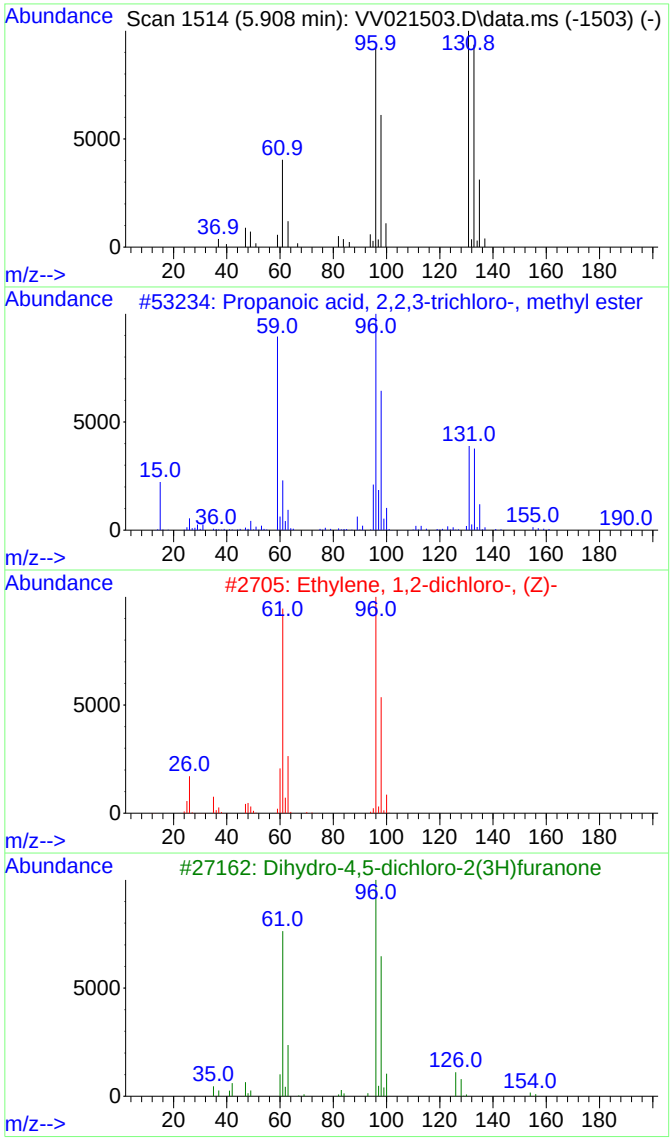
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
Quant Title : VOC Analysis

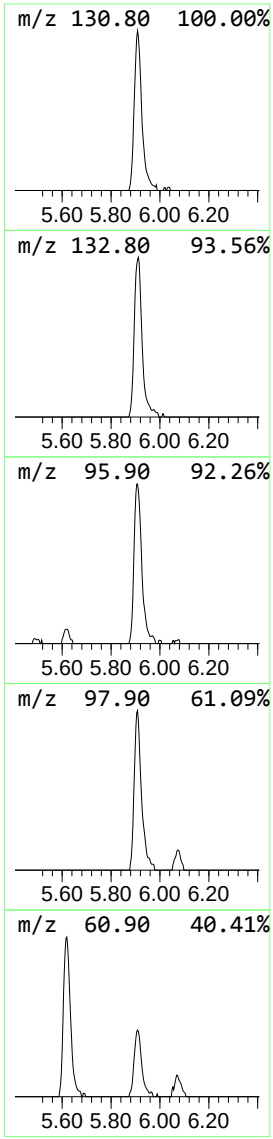
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.908 | 3.23 ug/L | 65364 | 1,4-Difluorobenzene | 5.619 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2,2,3-trichloro-... | 190 | C4H5Cl3O2 | 004749-35-3 | 72 |
| 2 | Ethylene, 1,2-dichloro-, (Z)- | 96 | C2H2Cl2 | 000156-59-2 | 38 |
| 3 | Dihydro-4,5-dichloro-2(3H)furanone | 154 | C4H4Cl2O2 | 114434-99-0 | 25 |
| 4 | 2-Cyano-3,5-dimethylpyrazine | 133 | C7H7N3 | 124629-52-3 | 9 |
| 5 | Benzonitrile, 4-methoxy- | 133 | C8H7NO | 000874-90-8 | 9 |



Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.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 |
| Propanoic acid,... | 5.908 | 3.2 | ug/L | 65364 | 1 | 5.619 | 1010820 | 50.0 |