LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
Data File : VX036081.D
Acq On : 08 Jun 2023 19:25
Operator : JC/MD
Sample : 03097-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
EZEN3

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_X\Method\SFAMXLM060623WMA.M
Title : VOC Analysis

Signal : TIC: VX036081.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.142 | 6 | 9 | 17 | rVB | 9593 | 10018 | 0.75% | 0.102% |
| 2 | 1.264 | 27 | 29 | 32 | rBV4 | 1608 | 1372 | 0.10% | 0.014% |
| 3 | 1.368 | 42 | 46 | 58 | rBV | 136803 | 165194 | 12.35% | 1.680% |
| 4 | 1.672 | 91 | 96 | 114 | rBV | 108062 | 159294 | 11.91% | 1.620% |
| 5 | 2.306 | 194 | 200 | 211 | rBV | 285293 | 440518 | 32.94% | 4.479% |
| 6 | 2.630 | 251 | 253 | 254 | rBV | 390 | 160 | 0.01% | 0.002% |
| 7 | 2.666 | 257 | 259 | 260 | rBV2 | 231 | 211 | 0.02% | 0.002% |
| 8 | 2.782 | 276 | 278 | 283 | rVB2 | 708 | 871 | 0.07% | 0.009% |
| 9 | 2.916 | 298 | 300 | 301 | rBV | 213 | 123 | 0.01% | 0.001% |
| 10 | 2.953 | 304 | 306 | 311 | rBV | 373 | 467 | 0.03% | 0.005% |
| 11 | 2.995 | 311 | 313 | 317 | rBV2 | 267 | 416 | 0.03% | 0.004% |
| 12 | 3.069 | 323 | 325 | 327 | rVB2 | 293 | 272 | 0.02% | 0.003% |
| 13 | 3.087 | 327 | 328 | 329 | rBV | 370 | 194 | 0.01% | 0.002% |
| 14 | 3.154 | 337 | 339 | 341 | rBV | 285 | 302 | 0.02% | 0.003% |
| 15 | 3.197 | 345 | 346 | 348 | rVV | 219 | 151 | 0.01% | 0.002% |
| 16 | 3.215 | 348 | 349 | 351 | rVV | 257 | 142 | 0.01% | 0.001% |
| 17 | 3.239 | 351 | 353 | 354 | rVB | 342 | 170 | 0.01% | 0.002% |
| 18 | 3.251 | 354 | 355 | 357 | rBV | 154 | 133 | 0.01% | 0.001% |
| 19 | 3.319 | 364 | 366 | 367 | rVV | 211 | 116 | 0.01% | 0.001% |
| 20 | 3.428 | 382 | 384 | 386 | rBV | 243 | 200 | 0.01% | 0.002% |
| 21 | 3.477 | 390 | 392 | 395 | rVB2 | 148 | 125 | 0.01% | 0.001% |
| 22 | 3.721 | 430 | 432 | 437 | rVB3 | 260 | 398 | 0.03% | 0.004% |
| 23 | 3.764 | 437 | 439 | 440 | rVB | 187 | 112 | 0.01% | 0.001% |
| 24 | 3.806 | 444 | 446 | 448 | rBV | 246 | 256 | 0.02% | 0.003% |
| 25 | 3.904 | 459 | 462 | 463 | rBV2 | 139 | 140 | 0.01% | 0.001% |
| 26 | 3.946 | 468 | 469 | 470 | rBV | 297 | 158 | 0.01% | 0.002% |
| 27 | 3.965 | 470 | 472 | 474 | rBV2 | 224 | 154 | 0.01% | 0.002% |
| 28 | 4.081 | 490 | 491 | 492 | rBV | 239 | 114 | 0.01% | 0.001% |
| 29 | 4.233 | 514 | 516 | 517 | rVB2 | 213 | 123 | 0.01% | 0.001% |
| 30 | 4.343 | 533 | 534 | 535 | rVB | 341 | 125 | 0.01% | 0.001% |
| 31 | 4.385 | 539 | 541 | 544 | rBV2 | 253 | 322 | 0.02% | 0.003% |
| 32 | 4.477 | 546 | 556 | 582 | rBV | 74439 | 266277 | 19.91% | 2.708% |
| 33 | 5.056 | 638 | 651 | 671 | rBV | 169785 | 533559 | 39.90% | 5.425% |
| 34 | 5.489 | 720 | 722 | 725 | rBV2 | 209 | 220 | 0.02% | 0.002% |
| 35 | 5.525 | 725 | 728 | 729 | rBV2 | 537 | 532 | 0.04% | 0.005% |
| 36 | 5.623 | 743 | 744 | 747 | rVB | 282 | 203 | 0.02% | 0.002% |

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Operator : JC/MD
Sample : 03097-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
EZEN3

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_X\Method\SFAMXLM060623WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 5.763 | 766 | 767 | 770 | rVB | 200 | 127 | 0.01% | 0.001% |
| 38 | 5.970 | 787 | 801 | 816 | rBV2 | 446465 | 1337258 | 100.00% | 13.597% |
| 39 | 6.257 | 846 | 848 | 853 | rVB2 | 400 | 434 | 0.03% | 0.004% |
| 40 | 6.757 | 921 | 930 | 945 | rBV | 313483 | 759690 | 56.81% | 7.725% |
| 41 | 7.111 | 983 | 988 | 993 | rVB3 | 1431 | 2701 | 0.20% | 0.027% |
| 42 | 7.208 | 1002 | 1004 | 1006 | rBV | 194 | 176 | 0.01% | 0.002% |
| 43 | 7.306 | 1011 | 1020 | 1034 | rBV | 276815 | 609800 | 45.60% | 6.200% |
| 44 | 7.714 | 1085 | 1087 | 1090 | rBV2 | 190 | 273 | 0.02% | 0.003% |
| 45 | 7.787 | 1097 | 1099 | 1101 | rBV | 224 | 198 | 0.01% | 0.002% |
| 46 | 7.879 | 1112 | 1114 | 1116 | rBV2 | 337 | 291 | 0.02% | 0.003% |
| 47 | 7.940 | 1119 | 1124 | 1129 | rVB3 | 810 | 1437 | 0.11% | 0.015% |
| 48 | 8.171 | 1160 | 1162 | 1163 | rVB | 230 | 114 | 0.01% | 0.001% |
| 49 | 8.190 | 1163 | 1165 | 1167 | rBV | 204 | 193 | 0.01% | 0.002% |
| 50 | 8.324 | 1180 | 1187 | 1198 | rBV | 173019 | 275541 | 20.60% | 2.802% |
| 51 | 8.519 | 1217 | 1219 | 1220 | rBV | 275 | 110 | 0.01% | 0.001% |
| 52 | 8.580 | 1226 | 1229 | 1230 | rBV3 | 232 | 240 | 0.02% | 0.002% |
| 53 | 8.647 | 1233 | 1240 | 1258 | rBV | 675477 | 1066191 | 79.73% | 10.841% |
| 54 | 8.946 | 1284 | 1289 | 1301 | rBV | 116952 | 178632 | 13.36% | 1.816% |
| 55 | 9.171 | 1325 | 1326 | 1327 | rBV | 278 | 129 | 0.01% | 0.001% |
| 56 | 9.275 | 1339 | 1343 | 1348 | rBV2 | 776 | 1237 | 0.09% | 0.013% |
| 57 | 9.384 | 1355 | 1361 | 1376 | rBV | 427919 | 610009 | 45.62% | 6.203% |
| 58 | 9.616 | 1397 | 1399 | 1400 | rBV2 | 271 | 251 | 0.02% | 0.003% |
| 59 | 9.665 | 1404 | 1407 | 1410 | rVV3 | 419 | 437 | 0.03% | 0.004% |
| 60 | 9.689 | 1410 | 1411 | 1413 | rVV2 | 275 | 195 | 0.01% | 0.002% |
| 61 | 9.793 | 1424 | 1428 | 1431 | rBV2 | 274 | 462 | 0.03% | 0.005% |
| 62 | 9.982 | 1455 | 1459 | 1462 | rBV2 | 167 | 296 | 0.02% | 0.003% |
| 63 | 10.055 | 1465 | 1471 | 1485 | rVV | 646630 | 900698 | 67.35% | 9.158% |
| 64 | 10.226 | 1497 | 1499 | 1502 | rBV | 276 | 420 | 0.03% | 0.004% |
| 65 | 10.305 | 1508 | 1512 | 1516 | rBV3 | 412 | 680 | 0.05% | 0.007% |
| 66 | 10.366 | 1520 | 1522 | 1524 | rVV2 | 319 | 213 | 0.02% | 0.002% |
| 67 | 10.457 | 1536 | 1537 | 1540 | rVB | 349 | 231 | 0.02% | 0.002% |
| 68 | 10.494 | 1542 | 1543 | 1546 | rBV2 | 143 | 120 | 0.01% | 0.001% |
| 69 | 10.646 | 1566 | 1568 | 1570 | rBV2 | 325 | 237 | 0.02% | 0.002% |
| 70 | 10.683 | 1570 | 1574 | 1578 | rBV2 | 974 | 1448 | 0.11% | 0.015% |
| 71 | 11.079 | 1637 | 1639 | 1643 | rVB | 273 | 343 | 0.03% | 0.003% |
| 72 | 11.189 | 1652 | 1657 | 1667 | rVB | 477729 | 606448 | 45.35% | 6.166% |
| 73 | 11.311 | 1674 | 1677 | 1681 | rBV3 | 902 | 1225 | 0.09% | 0.012% |
| 74 | 11.421 | 1692 | 1695 | 1699 | rBV3 | 1306 | 1558 | 0.12% | 0.016% |
| 75 | 11.476 | 1703 | 1704 | 1706 | rVB2 | 286 | 187 | 0.01% | 0.002% |
| 76 | 11.500 | 1706 | 1708 | 1710 | rBV | 330 | 351 | 0.03% | 0.004% |

LSC Area Percent Report

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Operator : JC/MD
Sample : 03097-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
EZEN3

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_X\Method\SFAMXLM060623WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 11.671 | 1734 | 1736 | 1738 | rVB | 221 | 192 | 0.01% | 0.002% |
| 78 | 11.707 | 1738 | 1742 | 1746 | rBV2 | 628 | 573 | 0.04% | 0.006% |
| 79 | 12.018 | 1788 | 1793 | 1809 | rBV | 682390 | 855184 | 63.95% | 8.696% |
| 80 | 12.219 | 1821 | 1826 | 1837 | rBV | 69796 | 120071 | 8.98% | 1.221% |
| 81 | 12.317 | 1837 | 1842 | 1852 | rVB | 727054 | 909371 | 68.00% | 9.247% |
| 82 | 13.000 | 1953 | 1954 | 1955 | rBV | 433 | 195 | 0.01% | 0.002% |
| 83 | 13.085 | 1964 | 1968 | 1969 | rBV2 | 422 | 465 | 0.03% | 0.005% |
| 84 | 13.250 | 1993 | 1995 | 1997 | rVB | 374 | 215 | 0.02% | 0.002% |
| 85 | 13.305 | 2002 | 2004 | 2005 | rVB | 444 | 261 | 0.02% | 0.003% |
| 86 | 13.323 | 2005 | 2007 | 2008 | rBV2 | 212 | 212 | 0.02% | 0.002% |
| 87 | 13.390 | 2017 | 2018 | 2021 | rVB2 | 340 | 265 | 0.02% | 0.003% |
| 88 | 13.433 | 2024 | 2025 | 2026 | rBV | 426 | 213 | 0.02% | 0.002% |
| 89 | 13.573 | 2047 | 2048 | 2050 | rBV | 307 | 205 | 0.02% | 0.002% |
| 90 | 13.908 | 2100 | 2103 | 2105 | rBV3 | 304 | 392 | 0.03% | 0.004% |
| 91 | 14.000 | 2115 | 2118 | 2121 | rVB | 272 | 315 | 0.02% | 0.003% |
| 92 | 14.219 | 2153 | 2154 | 2156 | rBV2 | 190 | 141 | 0.01% | 0.001% |
| 93 | 14.506 | 2198 | 2201 | 2202 | rBV | 345 | 330 | 0.02% | 0.003% |
| 94 | 14.713 | 2234 | 2235 | 2237 | rBV | 378 | 213 | 0.02% | 0.002% |
| 95 | 14.792 | 2246 | 2248 | 2252 | rBV2 | 525 | 556 | 0.04% | 0.006% |
| 96 | 14.859 | 2258 | 2259 | 2263 | rBV3 | 334 | 267 | 0.02% | 0.003% |
| 97 | 14.957 | 2274 | 2275 | 2277 | rBV2 | 354 | 268 | 0.02% | 0.003% |
| 98 | 15.700 | 2395 | 2397 | 2400 | rBV2 | 442 | 493 | 0.04% | 0.005% |
| 99 | 15.828 | 2416 | 2418 | 2419 | rBV2 | 477 | 310 | 0.02% | 0.003% |
| 100 | 16.273 | 2489 | 2491 | 2492 | rBV | 467 | 316 | 0.02% | 0.003% |

Sum of corrected areas: 9834746

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
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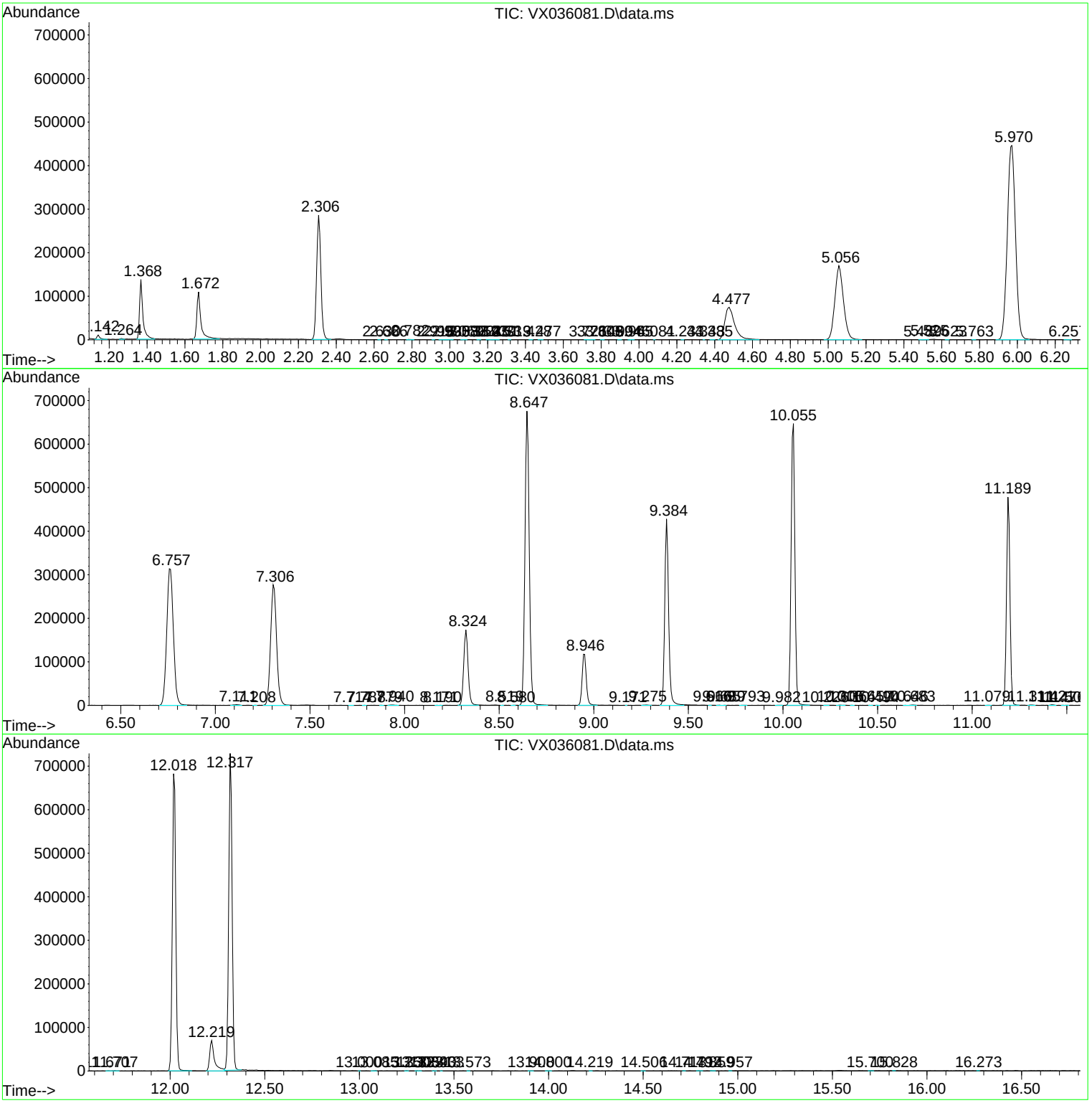
Sample : 03097-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
EZEN3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM060623WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
Data File : VX036081.D
Acq On : 08 Jun 2023 19:25
Operator : JC/MD
Sample : 03097-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
EZEN3

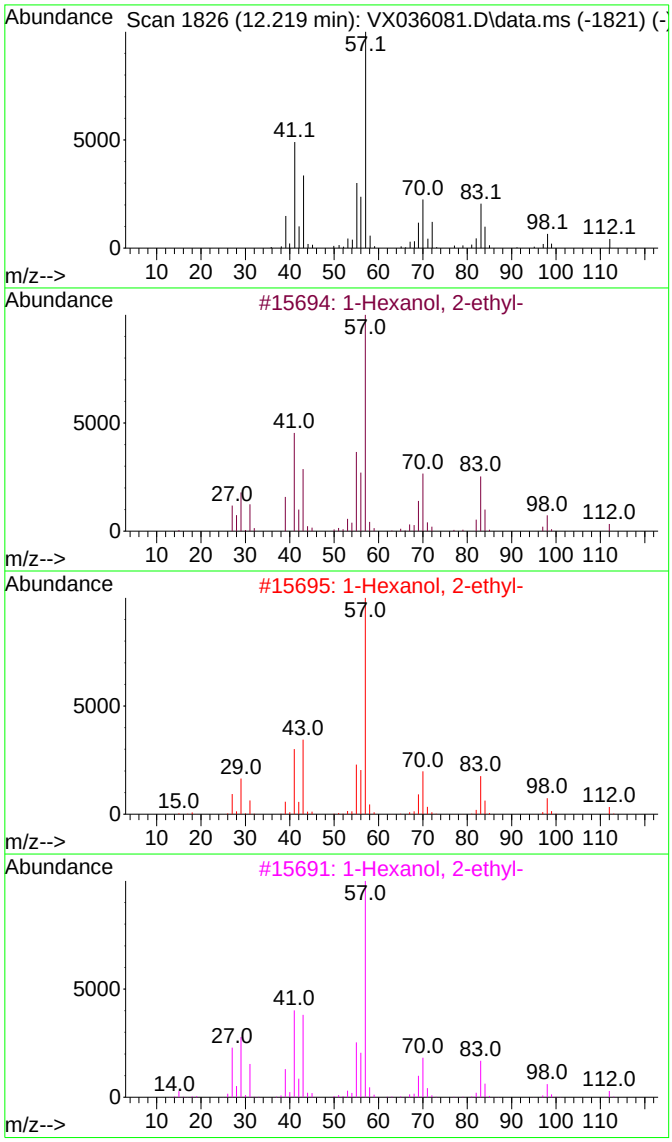
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM060623WMA.M
Quant Title : VOC Analysis

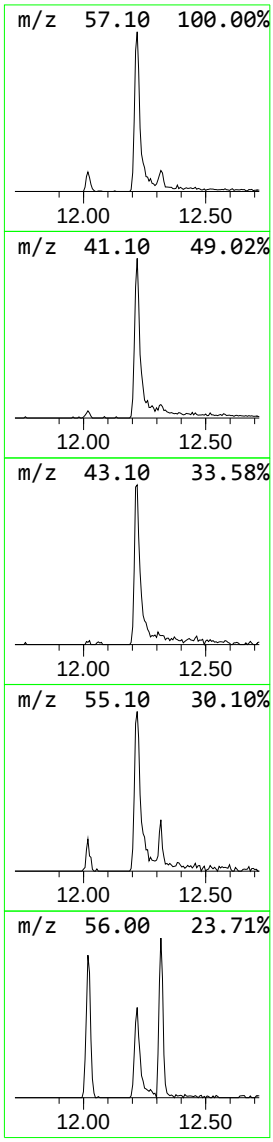
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.219 | 7.02 ug/L | 120071 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 90 |
| 2 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 3 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 72 |
| 4 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 64 |
| 5 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 50 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
Data File : VX036081.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
MSVOA_X
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EZEN3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM060623WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 1-Hexanol, 2-et... | 12.219 | 7.0 | ug/L | 120071 | 3 | 12.024 | 855184 | 50.0 |