LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039372.D
Acq On : 19 Dec 2023 21:15
Operator : JC/MD
Sample : 05807-11ME
Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AZ3

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\SFAMXLM120523WMA.M
Title : VOC Analysis

Signal : TIC: VX039372.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.373 | 43 | 47 | 58 | rBV | 72719 | 112715 | 4.77% | 1.295% |
| 2 | 1.648 | 89 | 92 | 101 | rVB | 22317 | 30146 | 1.27% | 0.346% |
| 3 | 2.288 | 191 | 197 | 209 | rBV | 177793 | 284116 | 12.02% | 3.263% |
| 4 | 2.715 | 263 | 267 | 275 | rBV | 3528 | 8060 | 0.34% | 0.093% |
| 5 | 2.849 | 282 | 289 | 299 | rVB | 183413 | 370254 | 15.66% | 4.252% |
| 6 | 2.940 | 299 | 304 | 313 | rVB2 | 5499 | 12842 | 0.54% | 0.147% |
| 7 | 3.068 | 321 | 325 | 327 | rBV2 | 245 | 303 | 0.01% | 0.003% |
| 8 | 3.117 | 331 | 333 | 335 | rBV2 | 380 | 370 | 0.02% | 0.004% |
| 9 | 3.135 | 335 | 336 | 340 | rVB3 | 395 | 380 | 0.02% | 0.004% |
| 10 | 3.312 | 358 | 365 | 366 | rBV4 | 735 | 1088 | 0.05% | 0.012% |
| 11 | 3.397 | 376 | 379 | 382 | rBV2 | 335 | 354 | 0.01% | 0.004% |
| 12 | 3.477 | 390 | 392 | 395 | rVB2 | 266 | 258 | 0.01% | 0.003% |
| 13 | 3.538 | 399 | 402 | 404 | rBV2 | 191 | 209 | 0.01% | 0.002% |
| 14 | 3.769 | 435 | 440 | 443 | rBV | 325 | 501 | 0.02% | 0.006% |
| 15 | 4.019 | 477 | 481 | 482 | rBV2 | 283 | 213 | 0.01% | 0.002% |
| 16 | 4.038 | 482 | 484 | 487 | rVV | 151 | 223 | 0.01% | 0.003% |
| 17 | 4.257 | 516 | 520 | 522 | rBV | 273 | 338 | 0.01% | 0.004% |
| 18 | 4.483 | 548 | 557 | 591 | rBV | 41865 | 204969 | 8.67% | 2.354% |
| 19 | 5.062 | 638 | 652 | 671 | rBV2 | 98567 | 323832 | 13.69% | 3.719% |
| 20 | 5.220 | 676 | 678 | 682 | rVV2 | 420 | 435 | 0.02% | 0.005% |
| 21 | 5.397 | 705 | 707 | 708 | rBV | 183 | 196 | 0.01% | 0.002% |
| 22 | 5.434 | 712 | 713 | 716 | rBV2 | 292 | 294 | 0.01% | 0.003% |
| 23 | 5.543 | 728 | 731 | 732 | rBV2 | 251 | 274 | 0.01% | 0.003% |
| 24 | 5.647 | 745 | 748 | 750 | rBV2 | 210 | 282 | 0.01% | 0.003% |
| 25 | 5.836 | 777 | 779 | 783 | rVB2 | 195 | 200 | 0.01% | 0.002% |
| 26 | 5.964 | 789 | 800 | 830 | rVV2 | 288819 | 907309 | 38.37% | 10.420% |
| 27 | 6.226 | 840 | 843 | 846 | rVB3 | 267 | 399 | 0.02% | 0.005% |
| 28 | 6.763 | 921 | 931 | 946 | rBV | 190191 | 481977 | 20.38% | 5.535% |
| 29 | 6.891 | 951 | 952 | 953 | rVB | 524 | 196 | 0.01% | 0.002% |
| 30 | 6.988 | 965 | 968 | 969 | rBV | 251 | 289 | 0.01% | 0.003% |
| 31 | 7.104 | 983 | 987 | 994 | rVB3 | 1504 | 3139 | 0.13% | 0.036% |
| 32 | 7.226 | 1004 | 1007 | 1009 | rBV2 | 326 | 337 | 0.01% | 0.004% |
| 33 | 7.305 | 1011 | 1020 | 1036 | rBV | 163139 | 378416 | 16.00% | 4.346% |
| 34 | 7.458 | 1044 | 1045 | 1047 | rBV2 | 241 | 214 | 0.01% | 0.002% |
| 35 | 7.488 | 1048 | 1050 | 1055 | rVB2 | 611 | 953 | 0.04% | 0.011% |
| 36 | 7.647 | 1074 | 1076 | 1078 | rBV | 248 | 246 | 0.01% | 0.003% |

LSC Area Percent Report

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Operator : JC/MD
Sample : 05807-11ME
Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AZ3

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\SFAMXLM120523WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 7.689 | 1081 | 1083 | 1085 | rVB2 | 262 | 216 | 0.01% | 0.002% |
| 38 | 7.714 | 1085 | 1087 | 1090 | rBV | 295 | 258 | 0.01% | 0.003% |
| 39 | 7.866 | 1111 | 1112 | 1115 | rVB2 | 353 | 202 | 0.01% | 0.002% |
| 40 | 7.915 | 1115 | 1120 | 1123 | rBV2 | 259 | 405 | 0.02% | 0.005% |
| 41 | 7.958 | 1126 | 1127 | 1129 | rBV | 332 | 236 | 0.01% | 0.003% |
| 42 | 8.165 | 1159 | 1161 | 1164 | rVB2 | 270 | 278 | 0.01% | 0.003% |
| 43 | 8.262 | 1172 | 1177 | 1181 | rBV2 | 3022 | 5369 | 0.23% | 0.062% |
| 44 | 8.323 | 1181 | 1187 | 1200 | rVV | 100992 | 179920 | 7.61% | 2.066% |
| 45 | 8.646 | 1234 | 1240 | 1250 | rBV | 400113 | 652819 | 27.61% | 7.498% |
| 46 | 8.951 | 1284 | 1290 | 1301 | rBV | 69136 | 116278 | 4.92% | 1.335% |
| 47 | 9.189 | 1327 | 1329 | 1331 | rBV | 215 | 222 | 0.01% | 0.003% |
| 48 | 9.268 | 1340 | 1342 | 1347 | rVB3 | 1038 | 1097 | 0.05% | 0.013% |
| 49 | 9.396 | 1357 | 1363 | 1383 | rBV | 253417 | 464348 | 19.64% | 5.333% |
| 50 | 9.616 | 1395 | 1399 | 1401 | rBV2 | 404 | 574 | 0.02% | 0.007% |
| 51 | 9.707 | 1411 | 1414 | 1415 | rBV3 | 547 | 565 | 0.02% | 0.006% |
| 52 | 9.841 | 1434 | 1436 | 1440 | rBV2 | 297 | 250 | 0.01% | 0.003% |
| 53 | 10.079 | 1465 | 1475 | 1493 | rBV2 | 1255494 | 2364656 | 100.00% | 27.158% |
| 54 | 10.274 | 1504 | 1507 | 1509 | rBV2 | 279 | 288 | 0.01% | 0.003% |
| 55 | 10.305 | 1510 | 1512 | 1514 | rVV3 | 562 | 422 | 0.02% | 0.005% |
| 56 | 10.378 | 1522 | 1524 | 1527 | rVB2 | 195 | 246 | 0.01% | 0.003% |
| 57 | 10.414 | 1527 | 1530 | 1533 | rBV2 | 267 | 380 | 0.02% | 0.004% |
| 58 | 10.652 | 1565 | 1569 | 1571 | rBV2 | 473 | 629 | 0.03% | 0.007% |
| 59 | 10.683 | 1571 | 1574 | 1575 | rVV2 | 267 | 294 | 0.01% | 0.003% |
| 60 | 10.945 | 1614 | 1617 | 1619 | rBV3 | 503 | 665 | 0.03% | 0.008% |
| 61 | 10.969 | 1619 | 1621 | 1626 | rVB2 | 764 | 826 | 0.03% | 0.009% |
| 62 | 11.195 | 1652 | 1658 | 1670 | rBV | 289446 | 378008 | 15.99% | 4.341% |
| 63 | 11.311 | 1674 | 1677 | 1682 | rVB3 | 2202 | 3028 | 0.13% | 0.035% |
| 64 | 11.481 | 1696 | 1705 | 1709 | rVV4 | 2281 | 3880 | 0.16% | 0.045% |
| 65 | 11.756 | 1747 | 1750 | 1755 | rVB3 | 477 | 928 | 0.04% | 0.011% |
| 66 | 11.804 | 1755 | 1758 | 1760 | rBV3 | 180 | 263 | 0.01% | 0.003% |
| 67 | 11.896 | 1771 | 1773 | 1775 | rBV | 221 | 206 | 0.01% | 0.002% |
| 68 | 11.969 | 1780 | 1785 | 1789 | rBV | 42141 | 55255 | 2.34% | 0.635% |
| 69 | 12.024 | 1789 | 1794 | 1796 | rBV | 498130 | 760968 | 32.18% | 8.740% |
| 70 | 12.323 | 1837 | 1843 | 1854 | rVV | 435147 | 564417 | 23.87% | 6.482% |
| 71 | 12.762 | 1910 | 1915 | 1919 | rVB2 | 4324 | 5634 | 0.24% | 0.065% |
| 72 | 12.963 | 1944 | 1948 | 1949 | rBV | 234 | 211 | 0.01% | 0.002% |
| 73 | 13.103 | 1967 | 1971 | 1972 | rVV | 197 | 271 | 0.01% | 0.003% |
| 74 | 13.115 | 1972 | 1973 | 1978 | rVB | 423 | 360 | 0.02% | 0.004% |
| 75 | 13.268 | 1994 | 1998 | 2003 | rVB3 | 432 | 630 | 0.03% | 0.007% |
| 76 | 13.438 | 2024 | 2026 | 2029 | rBV | 152 | 195 | 0.01% | 0.002% |

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Operator : JC/MD
Sample : 05807-11ME
Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** C0AZ3

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\SFAMXLM120523WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.463 | 2029 | 2030 | 2034 | rVV | 316 | 263 | 0.01% | 0.003% |
| 78 | 13.591 | 2048 | 2051 | 2055 | rVB2 | 1416 | 1884 | 0.08% | 0.022% |
| 79 | 13.725 | 2072 | 2073 | 2077 | rBV2 | 299 | 358 | 0.02% | 0.004% |
| 80 | 13.786 | 2079 | 2083 | 2092 | rVV3 | 548 | 1287 | 0.05% | 0.015% |
| 81 | 13.963 | 2109 | 2112 | 2115 | rVB2 | 745 | 886 | 0.04% | 0.010% |
| 82 | 14.048 | 2121 | 2126 | 2128 | rVB2 | 273 | 337 | 0.01% | 0.004% |
| 83 | 14.127 | 2135 | 2139 | 2144 | rVV | 3050 | 4025 | 0.17% | 0.046% |
| 84 | 14.182 | 2146 | 2148 | 2152 | rVB2 | 194 | 200 | 0.01% | 0.002% |
| 85 | 14.225 | 2154 | 2155 | 2157 | rBV2 | 244 | 191 | 0.01% | 0.002% |
| 86 | 14.639 | 2222 | 2223 | 2226 | rBV2 | 261 | 261 | 0.01% | 0.003% |
| 87 | 14.975 | 2276 | 2278 | 2279 | rVB2 | 321 | 208 | 0.01% | 0.002% |
| 88 | 14.993 | 2279 | 2281 | 2284 | rBV3 | 346 | 291 | 0.01% | 0.003% |
| 89 | 15.285 | 2327 | 2329 | 2331 | rBV | 217 | 211 | 0.01% | 0.002% |
| 90 | 15.383 | 2343 | 2345 | 2352 | rVB6 | 950 | 1560 | 0.07% | 0.018% |
| 91 | 15.450 | 2352 | 2356 | 2359 | rBV3 | 290 | 359 | 0.02% | 0.004% |
| 92 | 15.816 | 2414 | 2416 | 2417 | rBV | 304 | 197 | 0.01% | 0.002% |
| 93 | 15.883 | 2426 | 2427 | 2429 | rVB | 471 | 195 | 0.01% | 0.002% |
| 94 | 15.913 | 2429 | 2432 | 2434 | rBV2 | 440 | 380 | 0.02% | 0.004% |
| 95 | 16.151 | 2469 | 2471 | 2475 | rVB2 | 398 | 384 | 0.02% | 0.004% |
| 96 | 16.182 | 2475 | 2476 | 2478 | rBV2 | 255 | 258 | 0.01% | 0.003% |
| 97 | 16.291 | 2492 | 2494 | 2495 | rBV | 378 | 223 | 0.01% | 0.003% |
| 98 | 16.316 | 2496 | 2498 | 2501 | rBV3 | 234 | 288 | 0.01% | 0.003% |
| 99 | 16.651 | 2549 | 2553 | 2556 | rBV2 | 410 | 467 | 0.02% | 0.005% |
| 100 | 16.682 | 2556 | 2558 | 2562 | rVV3 | 309 | 316 | 0.01% | 0.004% |

Sum of corrected areas: 8707053

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039372.D
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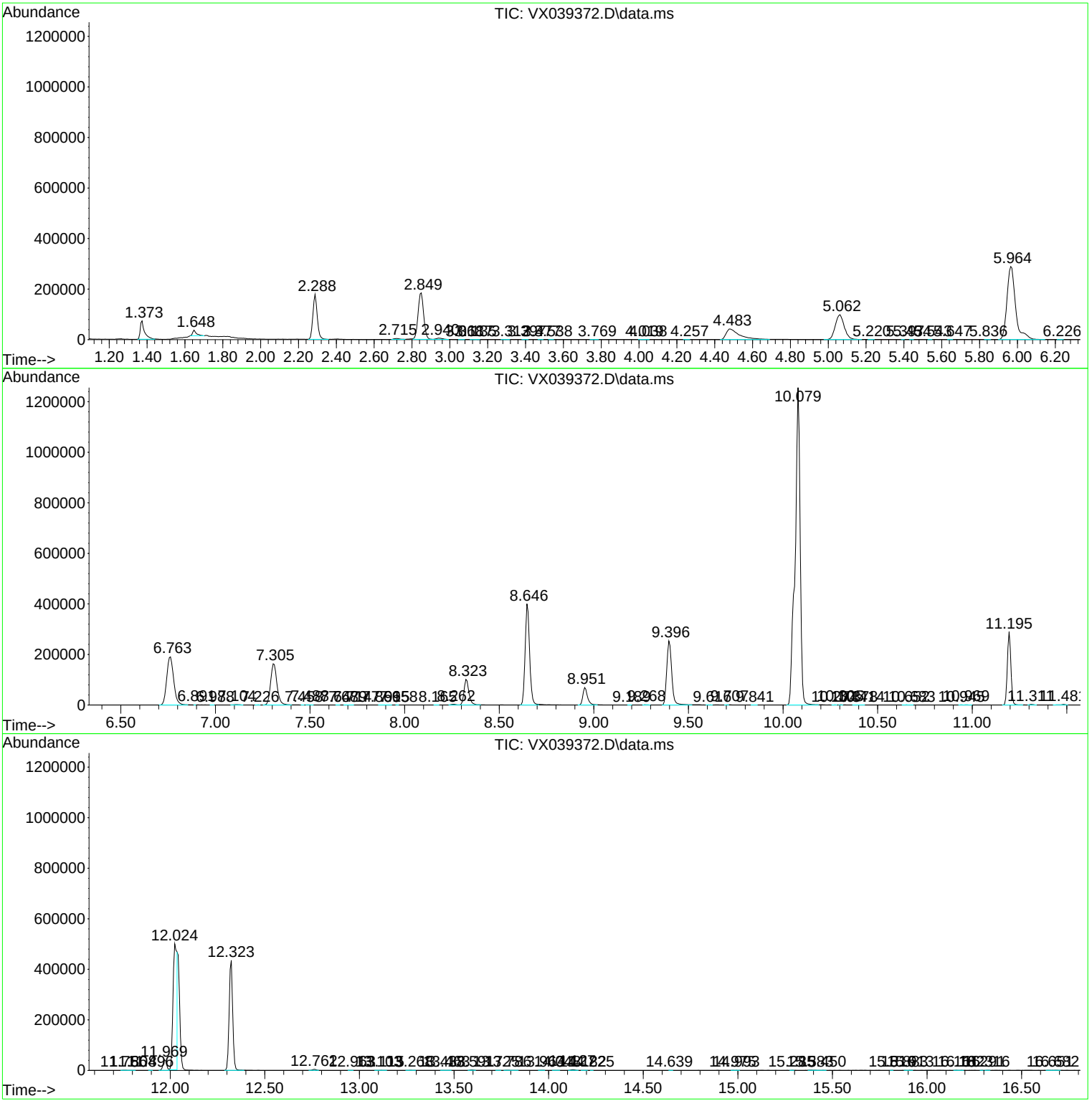
Operator : JC/MD
Sample : 05807-11ME
Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AZ3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039372.D
Acq On : 19 Dec 2023 21:15
Operator : JC/MD
Sample : 05807-11ME
Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AZ3

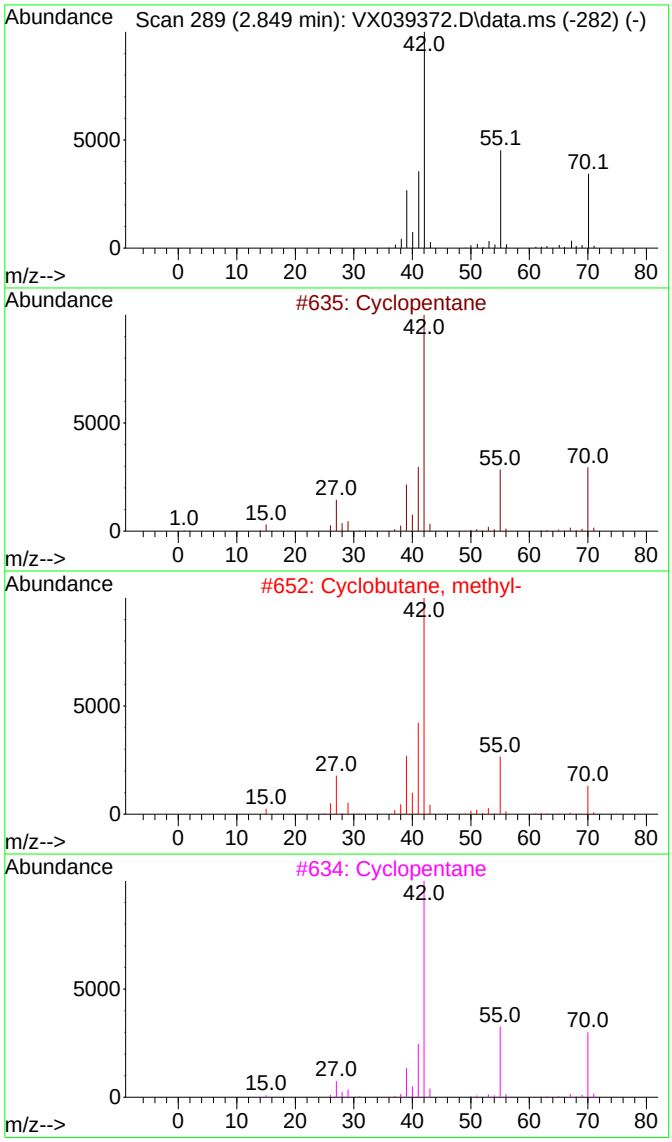
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis

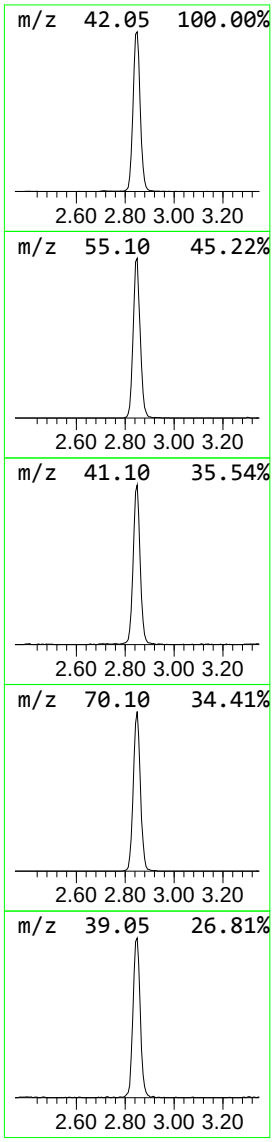
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Cyclic2.849 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.849 | 38.41 ug/L | 370254 | 1,4-Difluorobenzene | 6.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 78 |
| 2 | Cyclobutane, methyl- | 70 | C5H10 | 000598-61-8 | 72 |
| 3 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 72 |
| 4 | Cyclopentane | 70 | C5H10 | 000287-92-3 | 72 |
| 5 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039372.D
Acq On : 19 Dec 2023 21:15
Operator : JC/MD
Sample : 05807-11ME
Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
C0AZ3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.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 |
| (DEL) Alkane: C... | 2.849 | 38.4 | ug/L | 370254 | 1 | 6.763 | 481977 | 50.0 |