LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
Data File : VX043881.D
Acq On : 15 Nov 2024 17:13
Operator : JC/MD
Sample : P4785-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
E27P4

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\SFAMXLM111424WMA.M
Title : VOC Analysis

Signal : TIC: VX043881.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.240 | 22 | 25 | 31 | rBV2 | 6757 | 8385 | 1.01% | 0.120% |
| 2 | 1.368 | 43 | 46 | 57 | rVB | 84726 | 98598 | 11.83% | 1.407% |
| 3 | 1.599 | 71 | 84 | 85 | rBV6 | 9019 | 25006 | 3.00% | 0.357% |
| 4 | 1.642 | 88 | 91 | 102 | rVB | 77093 | 104005 | 12.48% | 1.484% |
| 5 | 2.294 | 192 | 198 | 210 | rVB | 181156 | 277838 | 33.34% | 3.964% |
| 6 | 2.495 | 229 | 231 | 234 | rVB2 | 378 | 395 | 0.05% | 0.006% |
| 7 | 2.690 | 262 | 263 | 267 | rBV2 | 313 | 428 | 0.05% | 0.006% |
| 8 | 2.782 | 276 | 278 | 281 | rVB2 | 842 | 865 | 0.10% | 0.012% |
| 9 | 2.861 | 289 | 291 | 294 | rBV | 411 | 356 | 0.04% | 0.005% |
| 10 | 2.940 | 297 | 304 | 313 | rVB2 | 2434 | 6136 | 0.74% | 0.088% |
| 11 | 3.142 | 335 | 337 | 340 | rBV2 | 323 | 346 | 0.04% | 0.005% |
| 12 | 3.196 | 344 | 346 | 348 | rBV | 392 | 293 | 0.04% | 0.004% |
| 13 | 3.306 | 362 | 364 | 367 | rBV2 | 325 | 239 | 0.03% | 0.003% |
| 14 | 3.434 | 380 | 385 | 392 | rBV5 | 1875 | 3907 | 0.47% | 0.056% |
| 15 | 3.495 | 394 | 395 | 399 | rBV2 | 290 | 323 | 0.04% | 0.005% |
| 16 | 3.538 | 400 | 402 | 405 | rVB2 | 397 | 373 | 0.04% | 0.005% |
| 17 | 3.568 | 405 | 407 | 409 | rBV3 | 414 | 324 | 0.04% | 0.005% |
| 18 | 3.599 | 409 | 412 | 413 | rBV | 410 | 294 | 0.04% | 0.004% |
| 19 | 3.904 | 459 | 462 | 463 | rBV2 | 262 | 233 | 0.03% | 0.003% |
| 20 | 3.977 | 472 | 474 | 477 | rBV2 | 284 | 326 | 0.04% | 0.005% |
| 21 | 4.001 | 477 | 478 | 481 | rBV2 | 316 | 293 | 0.04% | 0.004% |
| 22 | 4.141 | 499 | 501 | 504 | rBV2 | 245 | 270 | 0.03% | 0.004% |
| 23 | 4.318 | 527 | 530 | 536 | rBV2 | 393 | 761 | 0.09% | 0.011% |
| 24 | 4.458 | 545 | 553 | 573 | rBV | 46644 | 145431 | 17.45% | 2.075% |
| 25 | 4.757 | 600 | 602 | 603 | rBV | 345 | 241 | 0.03% | 0.003% |
| 26 | 4.818 | 611 | 612 | 617 | rVB2 | 443 | 388 | 0.05% | 0.006% |
| 27 | 4.897 | 623 | 625 | 629 | rVB2 | 261 | 301 | 0.04% | 0.004% |
| 28 | 4.952 | 629 | 634 | 636 | rBV | 329 | 524 | 0.06% | 0.007% |
| 29 | 5.056 | 638 | 651 | 666 | rBV | 109137 | 340164 | 40.82% | 4.853% |
| 30 | 5.367 | 701 | 702 | 704 | rBV | 342 | 286 | 0.03% | 0.004% |
| 31 | 5.550 | 727 | 732 | 735 | rBV3 | 731 | 1386 | 0.17% | 0.020% |
| 32 | 5.659 | 746 | 750 | 751 | rVB2 | 389 | 440 | 0.05% | 0.006% |
| 33 | 5.739 | 761 | 763 | 765 | rBV2 | 335 | 319 | 0.04% | 0.005% |
| 34 | 5.824 | 775 | 777 | 779 | rBV | 203 | 242 | 0.03% | 0.003% |
| 35 | 5.964 | 789 | 800 | 820 | rBV2 | 268240 | 809454 | 97.13% | 11.549% |
| 36 | 6.159 | 830 | 832 | 833 | rVB2 | 655 | 451 | 0.05% | 0.006% |

LSC Area Percent Report

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Data File : VX043881.D
Acq On : 15 Nov 2024 17:13
Operator : JC/MD
Sample : P4785-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** MSVOA_X
**ClientSampleId :** E27P4

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\SFAMXLM111424WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.440 | 876 | 878 | 881 | rVV3 | 289 | 269 | 0.03% | 0.004% |
| 38 | 6.757 | 921 | 930 | 946 | rBV | 186894 | 453479 | 54.42% | 6.470% |
| 39 | 7.123 | 981 | 990 | 1010 | rBV | 372757 | 833352 | 100.00% | 11.890% |
| 40 | 7.306 | 1012 | 1020 | 1036 | rVB | 162437 | 354100 | 42.49% | 5.052% |
| 41 | 7.818 | 1102 | 1104 | 1108 | rVB3 | 366 | 451 | 0.05% | 0.006% |
| 42 | 7.854 | 1108 | 1110 | 1112 | rBV2 | 257 | 242 | 0.03% | 0.003% |
| 43 | 7.891 | 1114 | 1116 | 1120 | rVB3 | 377 | 437 | 0.05% | 0.006% |
| 44 | 7.921 | 1120 | 1121 | 1124 | rBV | 209 | 264 | 0.03% | 0.004% |
| 45 | 7.952 | 1124 | 1126 | 1128 | rBV2 | 396 | 456 | 0.05% | 0.007% |
| 46 | 8.116 | 1151 | 1153 | 1155 | rVV | 298 | 294 | 0.04% | 0.004% |
| 47 | 8.324 | 1181 | 1187 | 1198 | rBV | 104278 | 177975 | 21.36% | 2.539% |
| 48 | 8.470 | 1207 | 1211 | 1214 | rBV2 | 440 | 586 | 0.07% | 0.008% |
| 49 | 8.549 | 1222 | 1224 | 1228 | rVB2 | 347 | 300 | 0.04% | 0.004% |
| 50 | 8.647 | 1234 | 1240 | 1256 | rBV | 410400 | 656523 | 78.78% | 9.367% |
| 51 | 8.945 | 1281 | 1289 | 1303 | rBV | 73104 | 116755 | 14.01% | 1.666% |
| 52 | 9.195 | 1328 | 1330 | 1333 | rBV | 257 | 236 | 0.03% | 0.003% |
| 53 | 9.275 | 1339 | 1343 | 1352 | rVB6 | 2166 | 3302 | 0.40% | 0.047% |
| 54 | 9.384 | 1356 | 1361 | 1372 | rBV | 214430 | 324531 | 38.94% | 4.630% |
| 55 | 10.055 | 1465 | 1471 | 1486 | rBV | 366448 | 528079 | 63.37% | 7.534% |
| 56 | 10.201 | 1493 | 1495 | 1498 | rBV3 | 510 | 560 | 0.07% | 0.008% |
| 57 | 10.360 | 1520 | 1521 | 1523 | rBV | 411 | 278 | 0.03% | 0.004% |
| 58 | 10.829 | 1595 | 1598 | 1601 | rBV3 | 285 | 401 | 0.05% | 0.006% |
| 59 | 10.945 | 1615 | 1617 | 1618 | rVB | 480 | 233 | 0.03% | 0.003% |
| 60 | 11.079 | 1637 | 1639 | 1642 | rVB | 517 | 442 | 0.05% | 0.006% |
| 61 | 11.140 | 1647 | 1649 | 1651 | rBV2 | 242 | 263 | 0.03% | 0.004% |
| 62 | 11.189 | 1652 | 1657 | 1668 | rVV | 304847 | 401294 | 48.15% | 5.726% |
| 63 | 11.317 | 1673 | 1678 | 1682 | rBV5 | 1655 | 2388 | 0.29% | 0.034% |
| 64 | 11.482 | 1703 | 1705 | 1710 | rBV2 | 409 | 504 | 0.06% | 0.007% |
| 65 | 11.853 | 1764 | 1766 | 1768 | rBV2 | 251 | 270 | 0.03% | 0.004% |
| 66 | 12.018 | 1788 | 1793 | 1808 | rBV | 384143 | 506192 | 60.74% | 7.222% |
| 67 | 12.317 | 1837 | 1842 | 1857 | rVV | 485169 | 617468 | 74.09% | 8.810% |
| 68 | 12.542 | 1875 | 1879 | 1884 | rBV3 | 514 | 716 | 0.09% | 0.010% |
| 69 | 12.622 | 1889 | 1892 | 1894 | rBV2 | 308 | 413 | 0.05% | 0.006% |
| 70 | 12.695 | 1902 | 1904 | 1907 | rVB2 | 368 | 305 | 0.04% | 0.004% |
| 71 | 12.762 | 1911 | 1915 | 1916 | rBV2 | 480 | 546 | 0.07% | 0.008% |
| 72 | 12.865 | 1928 | 1932 | 1935 | rBV3 | 796 | 1166 | 0.14% | 0.017% |
| 73 | 13.122 | 1973 | 1974 | 1976 | rBV | 437 | 364 | 0.04% | 0.005% |
| 74 | 13.201 | 1985 | 1987 | 1990 | rBV2 | 368 | 445 | 0.05% | 0.006% |
| 75 | 13.304 | 2002 | 2004 | 2006 | rBV | 299 | 277 | 0.03% | 0.004% |
| 76 | 13.554 | 2044 | 2045 | 2046 | rBV | 331 | 233 | 0.03% | 0.003% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
Data File : VX043881.D
Acq On : 15 Nov 2024 17:13
Operator : JC/MD
Sample : P4785-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
E27P4

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\SFAMXLM111424WMA.M
Title : VOC Analysis

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.670 | 2061 | 2064 | 2065 | rBV3 | 347 | 367 | 0.04% | 0.005% |
| 78 | 13.749 | 2076 | 2077 | 2081 | rVB | 410 | 315 | 0.04% | 0.004% |
| 79 | 13.871 | 2096 | 2097 | 2100 | rBV2 | 373 | 267 | 0.03% | 0.004% |
| 80 | 13.926 | 2104 | 2106 | 2108 | rVV | 344 | 264 | 0.03% | 0.004% |
| 81 | 13.993 | 2115 | 2117 | 2120 | rBV | 397 | 338 | 0.04% | 0.005% |
| 82 | 14.018 | 2120 | 2121 | 2123 | rBV | 344 | 325 | 0.04% | 0.005% |
| 83 | 14.079 | 2127 | 2131 | 2132 | rBV2 | 676 | 624 | 0.07% | 0.009% |
| 84 | 14.127 | 2137 | 2139 | 2142 | rBV2 | 351 | 267 | 0.03% | 0.004% |
| 85 | 14.152 | 2142 | 2143 | 2147 | rVB3 | 259 | 307 | 0.04% | 0.004% |
| 86 | 14.213 | 2150 | 2153 | 2154 | rBV2 | 1070 | 1314 | 0.16% | 0.019% |
| 87 | 14.316 | 2168 | 2170 | 2174 | rBV2 | 605 | 826 | 0.10% | 0.012% |
| 88 | 14.377 | 2176 | 2180 | 2184 | rVB3 | 1511 | 1967 | 0.24% | 0.028% |
| 89 | 14.451 | 2190 | 2192 | 2194 | rBV2 | 291 | 339 | 0.04% | 0.005% |
| 90 | 14.481 | 2194 | 2197 | 2201 | rVV4 | 1807 | 2493 | 0.30% | 0.036% |
| 91 | 14.530 | 2203 | 2205 | 2209 | rVB2 | 486 | 337 | 0.04% | 0.005% |
| 92 | 14.609 | 2216 | 2218 | 2226 | rBV6 | 1868 | 2507 | 0.30% | 0.036% |
| 93 | 14.780 | 2242 | 2246 | 2255 | rBV2 | 8737 | 15623 | 1.87% | 0.223% |
| 94 | 15.377 | 2339 | 2344 | 2347 | rBV3 | 7942 | 12008 | 1.44% | 0.171% |
| 95 | 15.481 | 2356 | 2361 | 2368 | rBV2 | 22814 | 37905 | 4.55% | 0.541% |
| 96 | 15.615 | 2377 | 2383 | 2386 | rBV | 43380 | 72066 | 8.65% | 1.028% |
| 97 | 15.987 | 2441 | 2444 | 2450 | rVB3 | 5698 | 9260 | 1.11% | 0.132% |
| 98 | 16.353 | 2500 | 2504 | 2508 | rBV3 | 7288 | 11746 | 1.41% | 0.168% |
| 99 | 16.566 | 2533 | 2539 | 2540 | rBV4 | 3502 | 5847 | 0.70% | 0.083% |
| 100 | 16.657 | 2550 | 2554 | 2560 | rVB3 | 8397 | 15508 | 1.86% | 0.221% |

Sum of corrected areas: 7008830

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
Data File : VX043881.D
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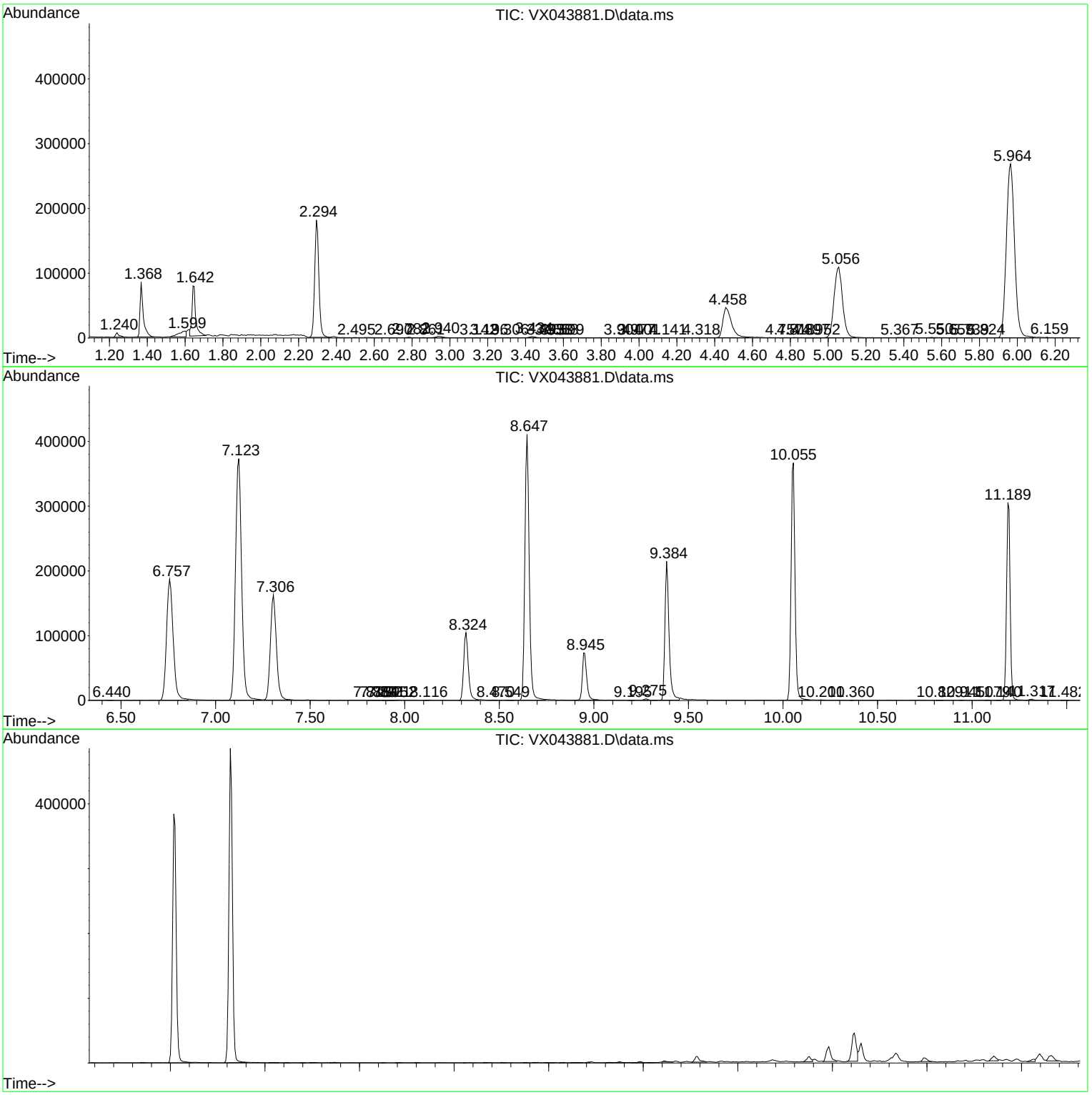
Operator : JC/MD
Sample : P4785-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
E27P4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
Data File : VX043881.D
Acq On : 15 Nov 2024 17:13
Operator : JC/MD
Sample : P4785-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
E27P4

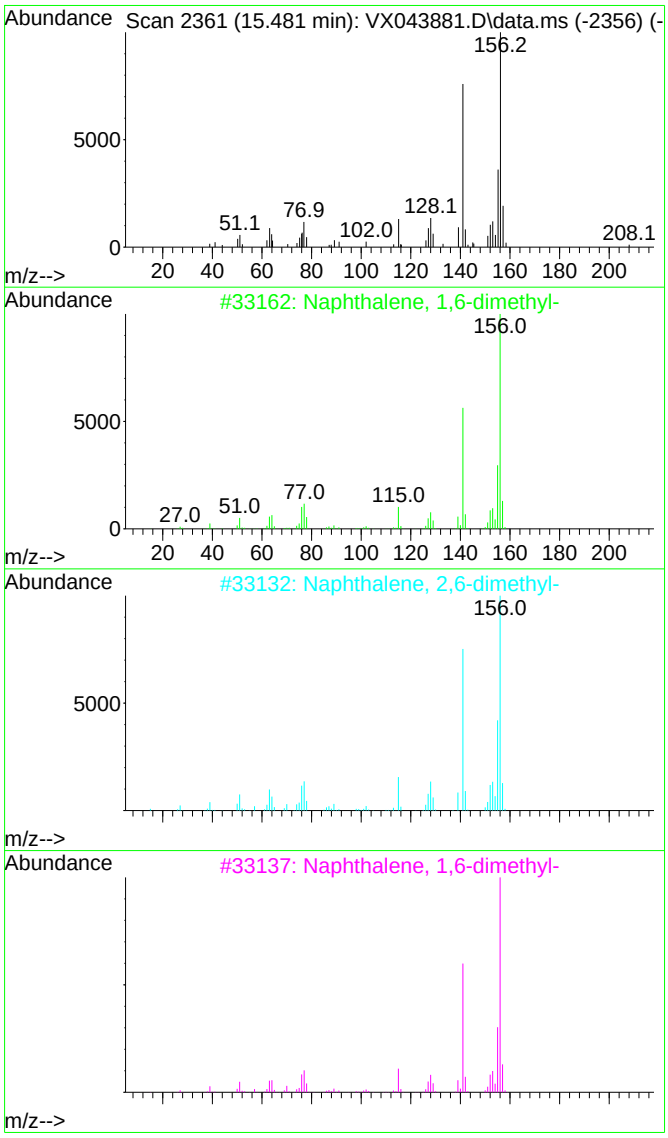
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
Quant Title : VOC Analysis

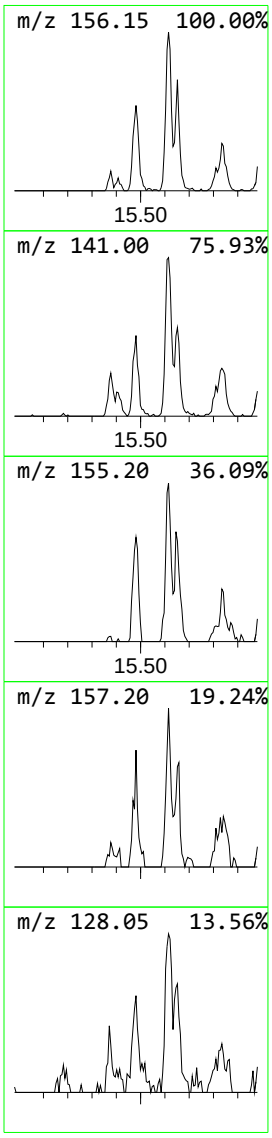
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.481 | 3.74 ug/L | 37905 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
Data File : VX043881.D
Acq On : 15 Nov 2024 17:13
Operator : JC/MD
Sample : P4785-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
E27P4

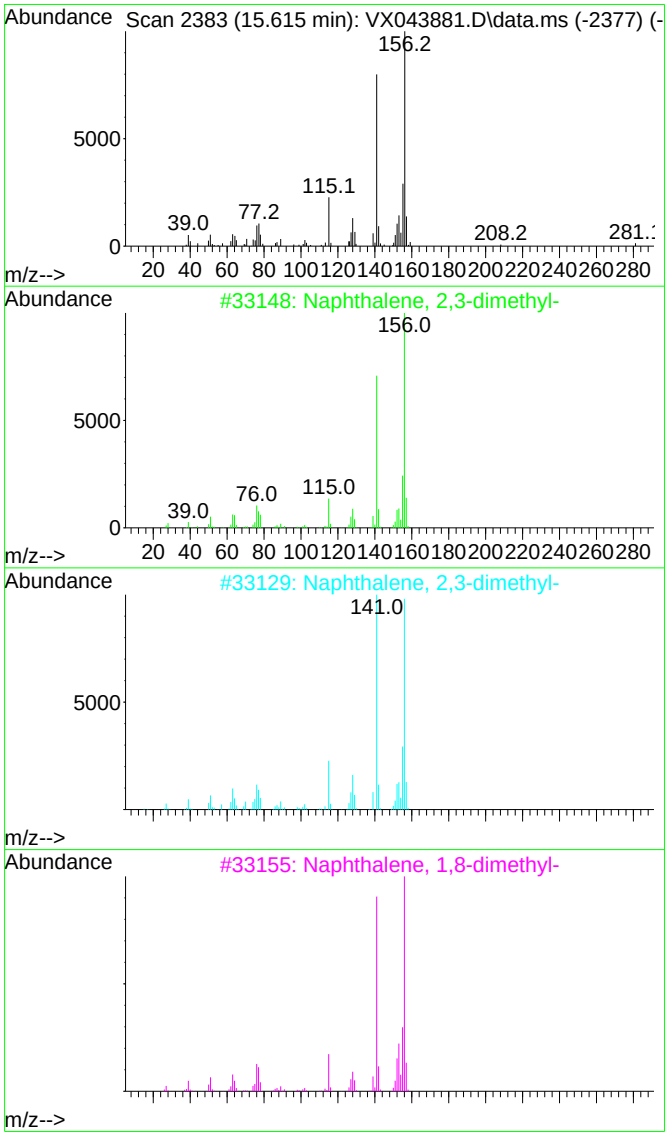
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
Quant Title : VOC Analysis

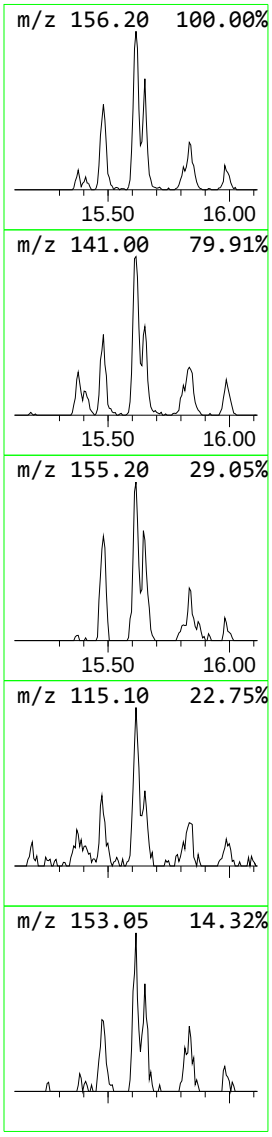
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.615 | 7.12 ug/L | 72066 | 1,4-Dichlorobenzene-d4 | 12.018 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,8-dimethyl- | 156 | C12H12 | 000569-41-5 | 96 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
Data File : VX043881.D
Acq On : 15 Nov 2024 17:13
Operator : JC/MD
Sample : P4785-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
E27P4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.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 |
| Naphthalene, 1,... | 15.481 | 3.7 | ug/L | 37905 | 3 | 12.018 | 506192 | 50.0 |
| Naphthalene, 2,... | 15.615 | 7.1 | ug/L | 72066 | 3 | 12.018 | 506192 | 50.0 |