LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

Signal : TIC: VW021559.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.154 | 38 | 41 | 43 | rBV2 | 541 | 680 | 0.16% | 0.016% |
| 2 | 2.349 | 66 | 73 | 81 | rVB | 36650 | 60630 | 14.31% | 1.420% |
| 3 | 2.452 | 88 | 90 | 95 | rBV3 | 434 | 655 | 0.15% | 0.015% |
| 4 | 2.495 | 95 | 97 | 100 | rVB3 | 475 | 374 | 0.09% | 0.009% |
| 5 | 2.684 | 126 | 128 | 129 | rBV | 347 | 265 | 0.06% | 0.006% |
| 6 | 2.824 | 150 | 151 | 152 | rBV | 367 | 229 | 0.05% | 0.005% |
| 7 | 2.885 | 153 | 161 | 173 | rVB | 20820 | 44139 | 10.42% | 1.034% |
| 8 | 3.007 | 179 | 181 | 182 | rBV | 280 | 226 | 0.05% | 0.005% |
| 9 | 3.385 | 237 | 243 | 252 | rVB4 | 1132 | 2316 | 0.55% | 0.054% |
| 10 | 3.708 | 292 | 296 | 299 | rBB4 | 125 | 186 | 0.04% | 0.004% |
| 11 | 3.745 | 299 | 302 | 303 | rBV | 92 | 126 | 0.03% | 0.003% |
| 12 | 3.848 | 317 | 319 | 322 | rVV | 91 | 142 | 0.03% | 0.003% |
| 13 | 4.013 | 336 | 346 | 362 | rVV | 49810 | 142156 | 33.56% | 3.330% |
| 14 | 4.141 | 362 | 367 | 372 | rVV2 | 424 | 997 | 0.24% | 0.023% |
| 15 | 4.257 | 382 | 386 | 390 | rBV2 | 310 | 663 | 0.16% | 0.016% |
| 16 | 4.336 | 397 | 399 | 401 | rBV | 84 | 105 | 0.02% | 0.002% |
| 17 | 4.440 | 409 | 416 | 419 | rBV3 | 353 | 837 | 0.20% | 0.020% |
| 18 | 4.720 | 457 | 462 | 465 | rBV | 86 | 198 | 0.05% | 0.005% |
| 19 | 4.818 | 475 | 478 | 479 | rBB | 119 | 108 | 0.03% | 0.003% |
| 20 | 4.842 | 479 | 482 | 483 | rBV | 123 | 129 | 0.03% | 0.003% |
| 21 | 4.915 | 483 | 494 | 505 | rVV3 | 10241 | 34007 | 8.03% | 0.797% |
| 22 | 4.988 | 505 | 506 | 512 | rVV | 184 | 228 | 0.05% | 0.005% |
| 23 | 5.086 | 519 | 522 | 523 | rBV | 134 | 158 | 0.04% | 0.004% |
| 24 | 5.104 | 523 | 525 | 526 | rVV | 223 | 171 | 0.04% | 0.004% |
| 25 | 5.129 | 526 | 529 | 536 | rVV | 339 | 573 | 0.14% | 0.013% |
| 26 | 5.196 | 538 | 540 | 542 | rBV | 131 | 150 | 0.04% | 0.004% |
| 27 | 5.244 | 546 | 548 | 550 | rBB | 138 | 135 | 0.03% | 0.003% |
| 28 | 5.299 | 554 | 557 | 560 | rVB | 156 | 220 | 0.05% | 0.005% |
| 29 | 5.482 | 585 | 587 | 591 | rBV | 117 | 165 | 0.04% | 0.004% |
| 30 | 5.525 | 591 | 594 | 595 | rBV | 122 | 104 | 0.02% | 0.002% |
| 31 | 5.555 | 597 | 599 | 602 | rVB | 124 | 106 | 0.03% | 0.002% |
| 32 | 5.586 | 602 | 604 | 608 | rBB | 143 | 168 | 0.04% | 0.004% |
| 33 | 5.635 | 611 | 612 | 616 | rBV | 83 | 112 | 0.03% | 0.003% |
| 34 | 5.757 | 627 | 632 | 634 | rBV2 | 381 | 575 | 0.14% | 0.013% |
| 35 | 5.946 | 656 | 663 | 670 | rVB5 | 1318 | 3615 | 0.85% | 0.085% |
| 36 | 6.067 | 681 | 683 | 686 | rVB | 94 | 117 | 0.03% | 0.003% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 6.226 | 705 | 709 | 712 | rBV2 | 133 | 251 | 0.06% | 0.006% |
| 38 | 6.263 | 714 | 715 | 718 | rVB | 121 | 103 | 0.02% | 0.002% |
| 39 | 6.366 | 730 | 732 | 734 | rVB | 125 | 123 | 0.03% | 0.003% |
| 40 | 6.439 | 742 | 744 | 747 | rBB | 114 | 114 | 0.03% | 0.003% |
| 41 | 6.494 | 752 | 753 | 757 | rVB | 127 | 113 | 0.03% | 0.003% |
| 42 | 6.610 | 769 | 772 | 773 | rBB | 128 | 101 | 0.02% | 0.002% |
| 43 | 6.769 | 796 | 798 | 801 | rBB | 172 | 164 | 0.04% | 0.004% |
| 44 | 6.891 | 816 | 818 | 821 | rVB | 137 | 117 | 0.03% | 0.003% |
| 45 | 7.079 | 841 | 849 | 855 | rBV | 10219 | 27099 | 6.40% | 0.635% |
| 46 | 7.256 | 876 | 878 | 880 | rVB | 162 | 134 | 0.03% | 0.003% |
| 47 | 7.549 | 924 | 926 | 929 | rBV | 71 | 121 | 0.03% | 0.003% |
| 48 | 7.646 | 933 | 942 | 957 | rVB | 73710 | 177096 | 41.81% | 4.149% |
| 49 | 7.835 | 970 | 973 | 974 | rBV | 155 | 125 | 0.03% | 0.003% |
| 50 | 7.890 | 980 | 982 | 985 | rBB | 172 | 187 | 0.04% | 0.004% |
| 51 | 8.024 | 1003 | 1004 | 1007 | rBB | 127 | 130 | 0.03% | 0.003% |
| 52 | 8.274 | 1033 | 1045 | 1062 | rBV2 | 138606 | 423609 | 100.00% | 9.924% |
| 53 | 8.402 | 1064 | 1066 | 1068 | rBV3 | 291 | 294 | 0.07% | 0.007% |
| 54 | 8.482 | 1077 | 1079 | 1080 | rVB | 269 | 194 | 0.05% | 0.005% |
| 55 | 8.658 | 1106 | 1108 | 1111 | rBV | 74 | 123 | 0.03% | 0.003% |
| 56 | 8.689 | 1111 | 1113 | 1115 | rVB | 160 | 105 | 0.02% | 0.002% |
| 57 | 8.719 | 1115 | 1118 | 1120 | rBB | 120 | 121 | 0.03% | 0.003% |
| 58 | 8.841 | 1129 | 1138 | 1148 | rBV | 140057 | 271855 | 64.18% | 6.369% |
| 59 | 9.085 | 1173 | 1178 | 1179 | rBV | 306 | 359 | 0.08% | 0.008% |
| 60 | 9.140 | 1185 | 1187 | 1191 | rBB | 122 | 113 | 0.03% | 0.003% |
| 61 | 9.219 | 1196 | 1200 | 1201 | rBV | 281 | 326 | 0.08% | 0.008% |
| 62 | 9.274 | 1201 | 1209 | 1218 | rVV | 92766 | 186921 | 44.13% | 4.379% |
| 63 | 9.341 | 1218 | 1220 | 1225 | rVB | 244 | 399 | 0.09% | 0.009% |
| 64 | 9.500 | 1243 | 1246 | 1248 | rVV | 121 | 139 | 0.03% | 0.003% |
| 65 | 9.524 | 1248 | 1250 | 1252 | rVB | 169 | 149 | 0.04% | 0.003% |
| 66 | 9.664 | 1271 | 1273 | 1276 | rBV | 157 | 223 | 0.05% | 0.005% |
| 67 | 9.756 | 1283 | 1288 | 1294 | rBB3 | 344 | 625 | 0.15% | 0.015% |
| 68 | 9.890 | 1303 | 1310 | 1318 | rBB2 | 1177 | 2414 | 0.57% | 0.057% |
| 69 | 9.957 | 1318 | 1321 | 1322 | rBV2 | 241 | 178 | 0.04% | 0.004% |
| 70 | 10.036 | 1322 | 1334 | 1341 | rBV | 53637 | 96065 | 22.68% | 2.251% |
| 71 | 10.134 | 1346 | 1350 | 1352 | rBV2 | 240 | 334 | 0.08% | 0.008% |
| 72 | 10.183 | 1356 | 1358 | 1359 | rBV2 | 448 | 344 | 0.08% | 0.008% |
| 73 | 10.201 | 1359 | 1361 | 1362 | rVV | 214 | 201 | 0.05% | 0.005% |
| 74 | 10.213 | 1362 | 1363 | 1365 | rVV | 438 | 340 | 0.08% | 0.008% |
| 75 | 10.244 | 1365 | 1368 | 1373 | rVB4 | 654 | 1086 | 0.26% | 0.025% |
| 76 | 10.323 | 1373 | 1381 | 1389 | rBV | 222241 | 387166 | 91.40% | 9.070% |

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

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_W\Method\SFAMWLM120921SMA.M
Title : SFAM01.0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 10.390 | 1389 | 1392 | 1397 | rVB | 3174 | 4934 | 1.16% | 0.116% |
| 78 | 10.481 | 1406 | 1407 | 1410 | rBV2 | 328 | 379 | 0.09% | 0.009% |
| 79 | 10.579 | 1416 | 1423 | 1429 | rBV | 33448 | 57310 | 13.53% | 1.343% |
| 80 | 10.701 | 1435 | 1443 | 1451 | rBV | 22093 | 41163 | 9.72% | 0.964% |
| 81 | 10.920 | 1473 | 1479 | 1486 | rBV | 41728 | 75216 | 17.76% | 1.762% |
| 82 | 11.067 | 1499 | 1503 | 1506 | rBV | 4728 | 7724 | 1.82% | 0.181% |
| 83 | 11.438 | 1559 | 1564 | 1568 | rBV3 | 11009 | 18462 | 4.36% | 0.433% |
| 84 | 11.627 | 1590 | 1595 | 1615 | rVB | 213063 | 385122 | 90.91% | 9.022% |
| 85 | 11.829 | 1626 | 1628 | 1633 | rBV5 | 1357 | 2278 | 0.54% | 0.053% |
| 86 | 12.603 | 1749 | 1755 | 1761 | rBV | 55007 | 90491 | 21.36% | 2.120% |
| 87 | 12.688 | 1764 | 1769 | 1776 | rVB | 76607 | 128365 | 30.30% | 3.007% |
| 88 | 12.883 | 1789 | 1801 | 1823 | rVB5 | 43999 | 265030 | 62.56% | 6.209% |
| 89 | 13.310 | 1860 | 1871 | 1884 | rBV4 | 62242 | 287415 | 67.85% | 6.733% |
| 90 | 13.554 | 1905 | 1911 | 1918 | rBV | 263735 | 407036 | 96.09% | 9.536% |
| 91 | 13.853 | 1953 | 1960 | 1967 | rBV | 229140 | 389973 | 92.06% | 9.136% |
| 92 | 14.066 | 1990 | 1995 | 2009 | rVB2 | 19861 | 46036 | 10.87% | 1.079% |
| 93 | 14.645 | 2084 | 2090 | 2091 | rBV5 | 3433 | 5368 | 1.27% | 0.126% |
| 94 | 15.072 | 2152 | 2160 | 2167 | rBV3 | 11874 | 38296 | 9.04% | 0.897% |
| 95 | 15.365 | 2203 | 2208 | 2212 | rBV | 12420 | 21170 | 5.00% | 0.496% |
| 96 | 15.432 | 2214 | 2219 | 2223 | rBV | 9377 | 16632 | 3.93% | 0.390% |
| 97 | 15.627 | 2244 | 2251 | 2260 | rVB6 | 7406 | 23096 | 5.45% | 0.541% |
| 98 | 16.358 | 2362 | 2371 | 2379 | rBV6 | 7081 | 25956 | 6.13% | 0.608% |
| 99 | 16.431 | 2379 | 2383 | 2388 | rVB4 | 5933 | 12766 | 3.01% | 0.299% |
| 100 | 16.639 | 2411 | 2417 | 2428 | rVB | 19003 | 42827 | 10.11% | 1.003% |

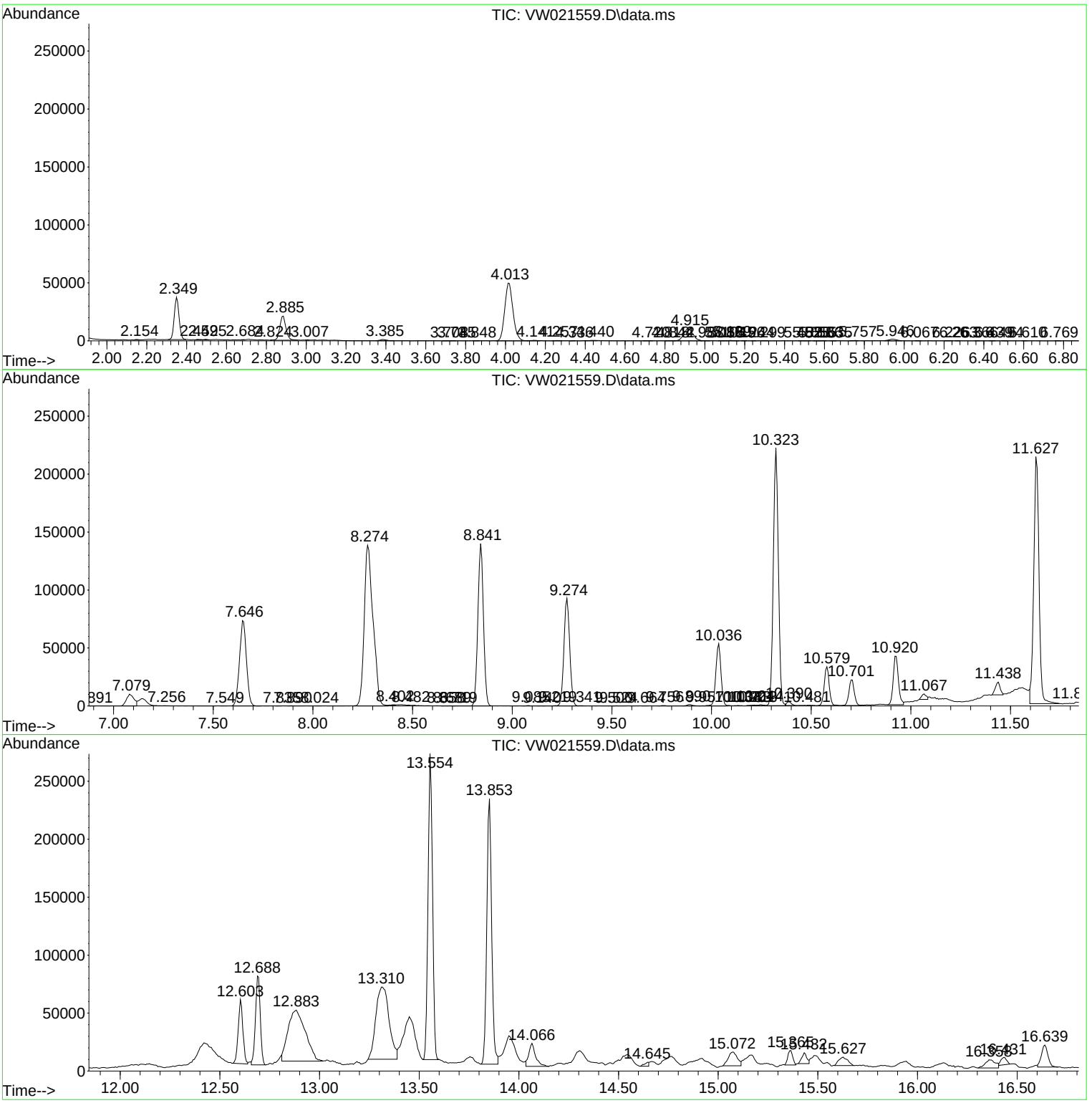
Sum of corrected areas: 4268471

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

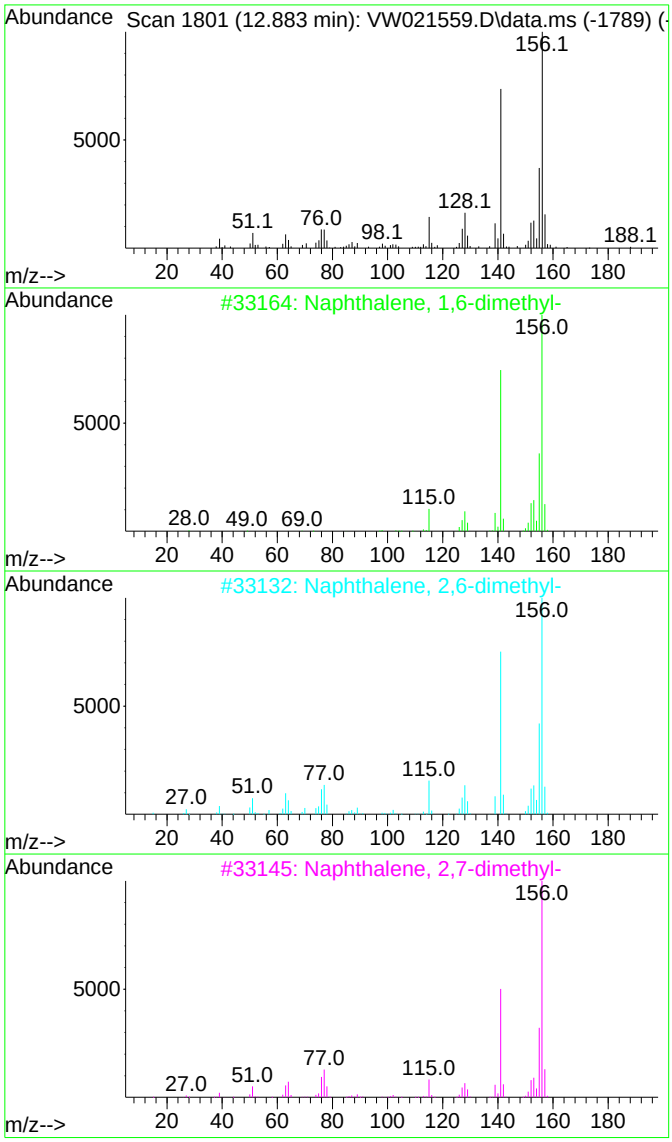
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

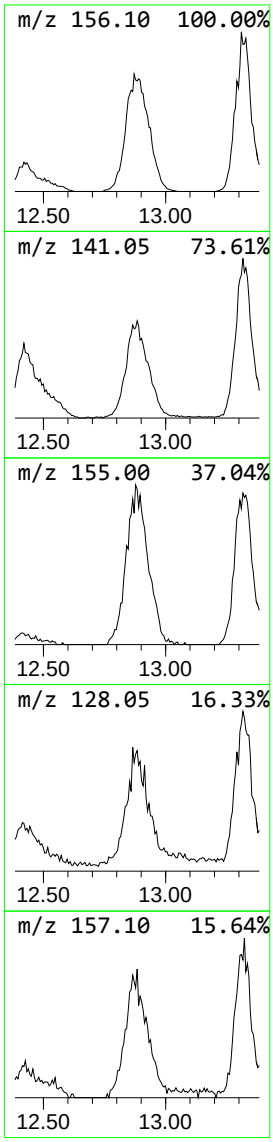
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.883 | 16.28 ug/L | 265030 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

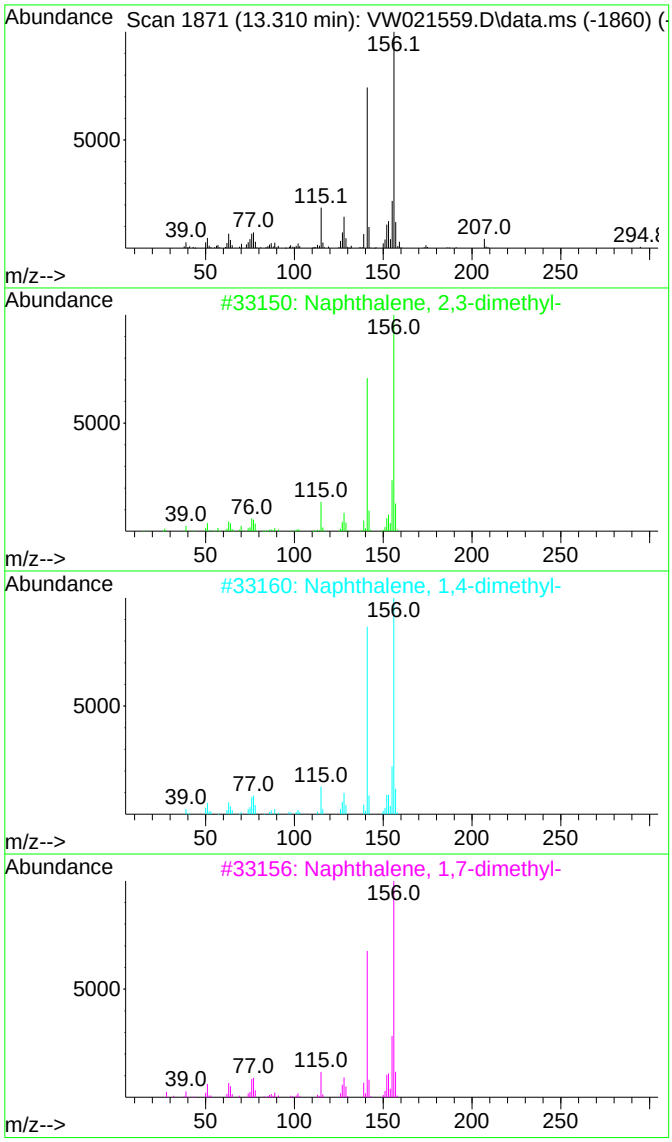
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

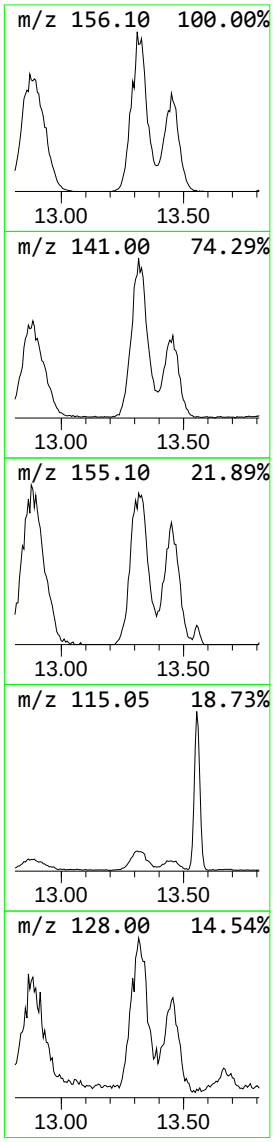
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.310 | 17.65 ug/L | 287415 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

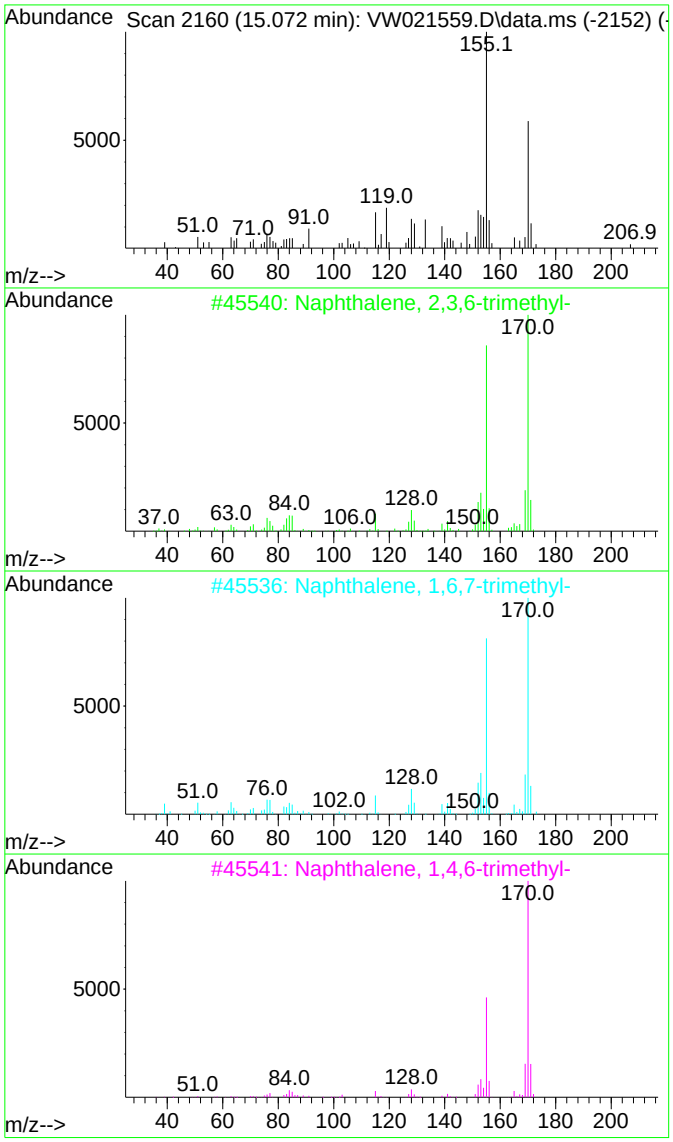
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

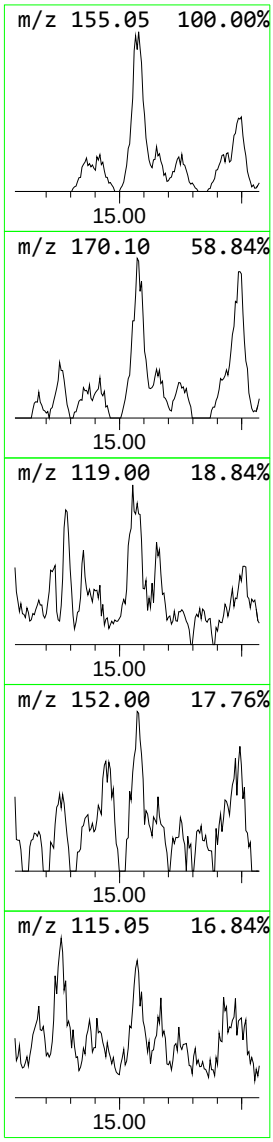
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.072 | 2.35 ug/L | 38296 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 90 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 87 |
| 4 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 87 |
| 5 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 83 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

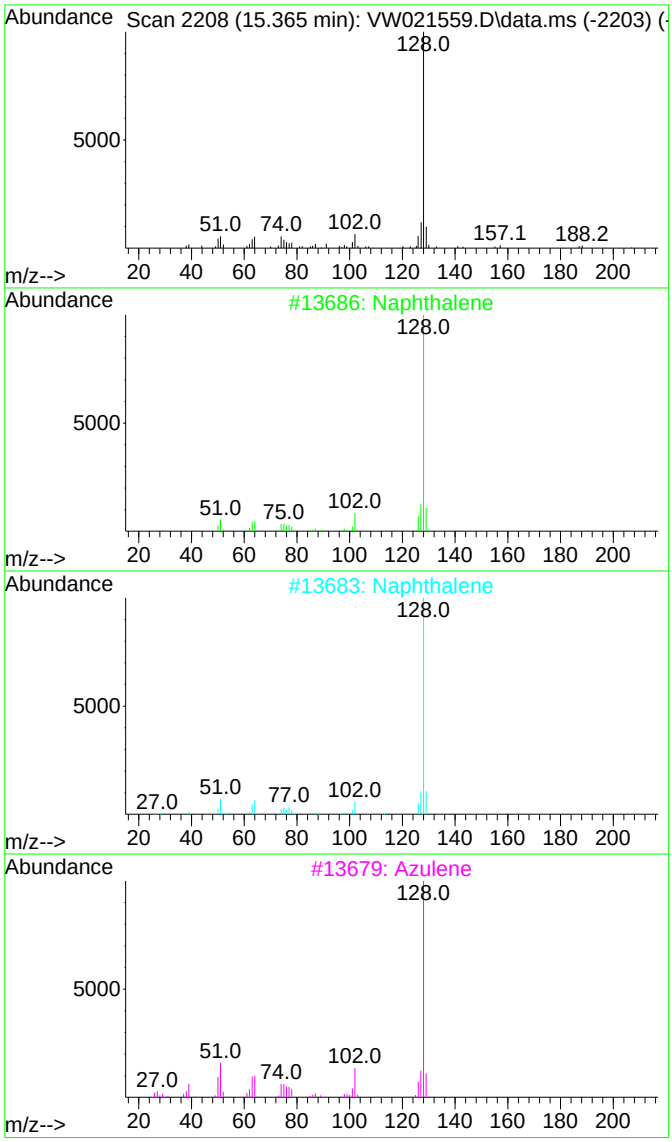
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

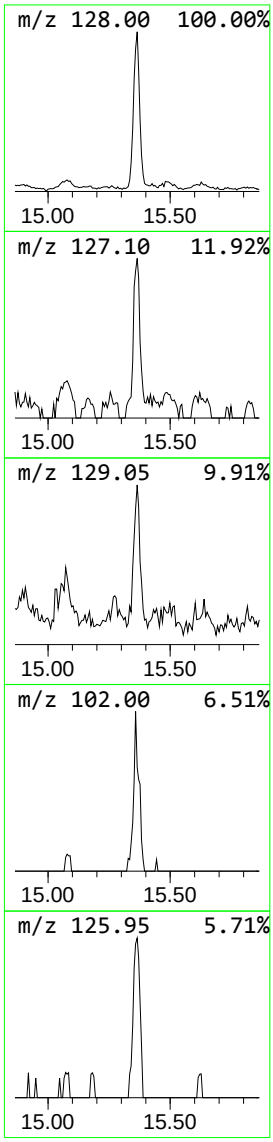
**********

Peak Number 8 Azulene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.365 | 1.30 ug/L | 21170 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene | 128 | C10H8 | 000091-20-3 | 94 |
| 2 | Naphthalene | 128 | C10H8 | 000091-20-3 | 90 |
| 3 | Azulene | 128 | C10H8 | 000275-51-4 | 90 |
| 4 | Azulene | 128 | C10H8 | 000275-51-4 | 87 |
| 5 | Naphthalene | 128 | C10H8 | 000091-20-3 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

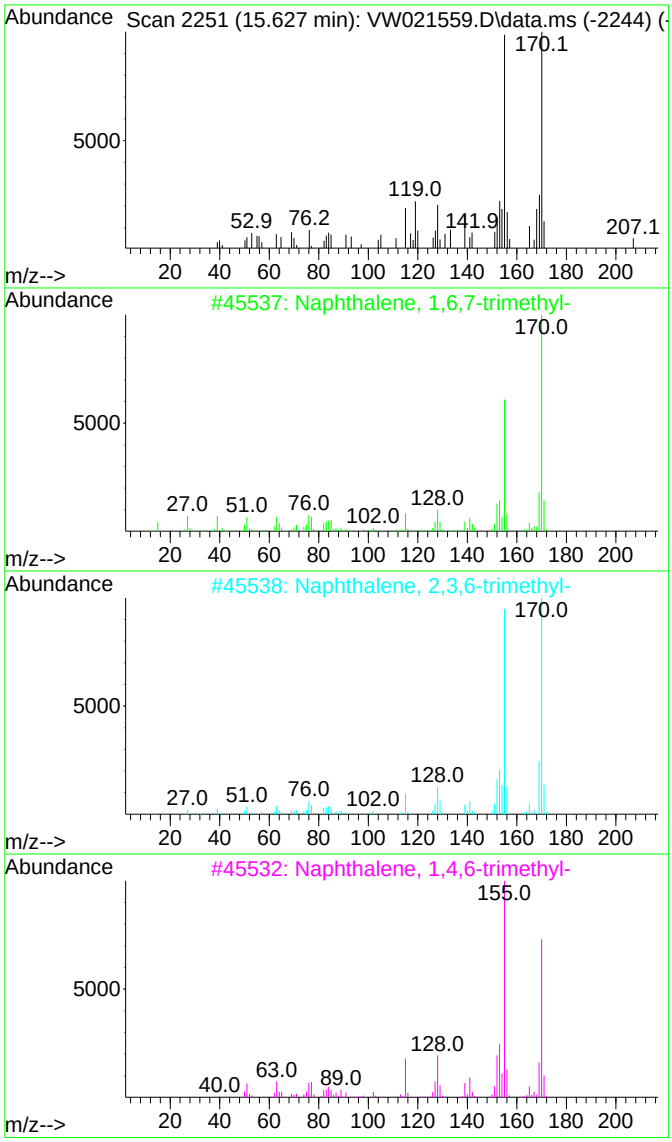
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

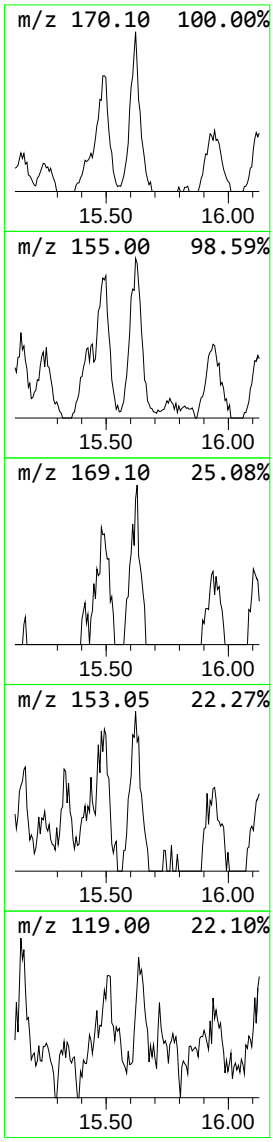
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.627 | 1.42 ug/L | 23096 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 91 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 91 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 91 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 87 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 87 |



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

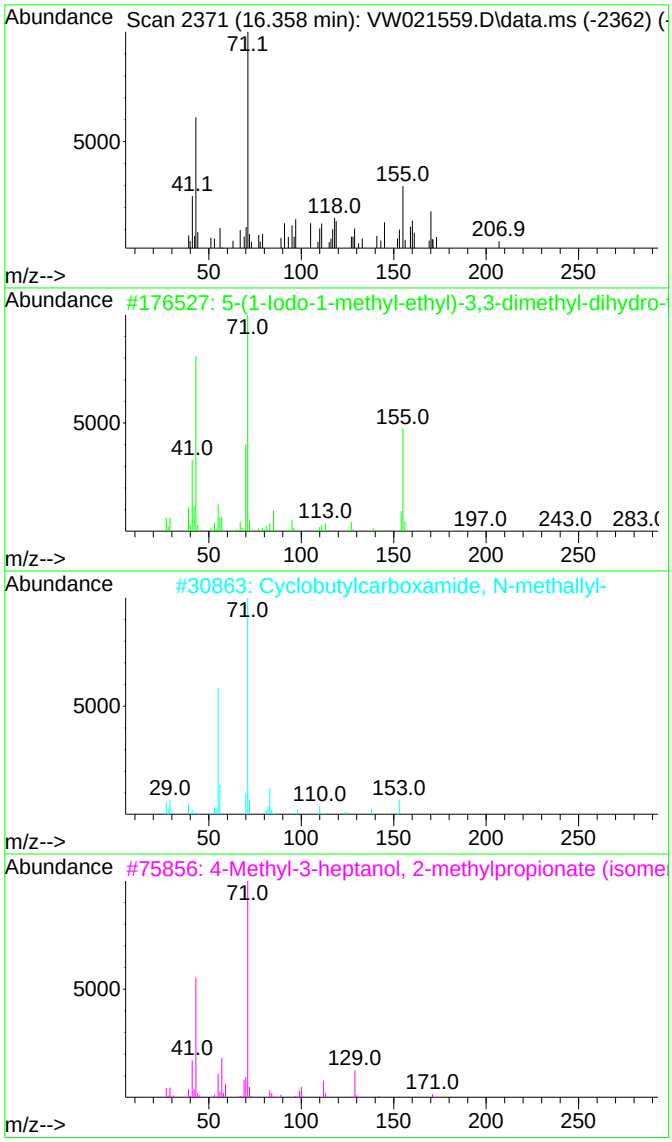
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

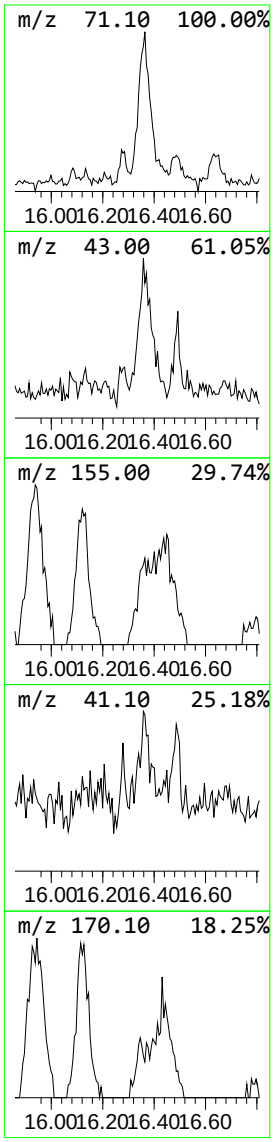
**********

Peak Number 10 unknown-01 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.358 | 1.59 ug/L | 25956 | 1,4-Dichlorobenzene-d4 | 13.554 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-(1-Iodo-1-methyl-ethyl)-3,3-di... | 282 | C9H15IO2 | 1000190-61-9 | 47 |
| 2 | Cyclobutylcarboxamide, N-methallyl- | 153 | C9H15NO | 1000340-37-0 | 38 |
| 3 | 4-Methyl-3-heptanol, 2-methylpro... | 200 | C12H24O2 | 1000447-36-6 | 38 |
| 4 | Butanoic acid, undec-2-enyl ester | 240 | C15H28O2 | 1000299-12-5 | 35 |
| 5 | Butanoic acid, oct-3-en-2-yl ester | 198 | C12H22O2 | 1000299-12-1 | 35 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021559.D
Acq On : 22 Dec 2021 13:37
Operator : SY/VA
Sample : VIBLK557
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK557

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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,... | 12.883 | 16.3 | ug/L | 265030 | 3 | 13.554 | 407036 | 25.0 |
| Naphthalene, 2,... | 13.310 | 17.6 | ug/L | 287415 | 3 | 13.554 | 407036 | 25.0 |
| Naphthalene, 2,... | 15.072 | 2.4 | ug/L | 38296 | 3 | 13.554 | 407036 | 25.0 |
| Azulene | 15.365 | 1.3 | ug/L | 21170 | 3 | 13.554 | 407036 | 25.0 |
| Naphthalene, 1,... | 15.627 | 1.4 | ug/L | 23096 | 3 | 13.554 | 407036 | 25.0 |
| unknown-01 | 16.358 | 1.6 | ug/L | 25956 | 3 | 13.554 | 407036 | 25.0 |